

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101419\
 Data File : VX013047.D
 Acq On : 14 Oct 2019 13:22
 Operator : JC/SP
 Sample : VN1014WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 15 01:24:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	185693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	304310	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	126615	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	116720	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
35) Dibromofluoromethane	5.49	113	93018	53.26	ug/l	0.00
Spiked Amount			Recovery	=	106.52%	
50) Toluene-d8	8.71	98	350225	51.41	ug/l	0.00
Spiked Amount			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	11.14	95	128787	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	34807	18.389	ug/l	99
3) Chloromethane	1.32	50	37147	18.033	ug/l	94
4) Vinyl Chloride	1.40	62	38384	18.053	ug/l	100
5) Bromomethane	1.63	94	18031	20.401	ug/l	98
6) Chloroethane	1.72	64	27367	21.284	ug/l	100
7) Trichlorofluoromethane	1.92	101	56030	19.524	ug/l	99
8) Diethyl Ether	2.18	74	21865	18.876	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	36418	19.608	ug/l	99
10) Methyl Iodide	2.50	142	32336	18.888	ug/l	100
11) Tert butyl alcohol	3.03	59	56656	92.085	ug/l	98
12) 1,1-Dichloroethene	2.36	96	35193	18.754	ug/l	97
13) Acrolein	2.28	56	27333	62.513	ug/l	97
14) Allyl chloride	2.72	41	61869	18.514	ug/l	98
15) Acrylonitrile	3.13	53	116791	100.168	ug/l	99
16) Acetone	2.43	43	111431	91.086	ug/l	98
17) Carbon Disulfide	2.56	76	87107	16.280	ug/l	99
18) Methyl Acetate	2.76	43	55360	19.092	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	131082	20.228	ug/l	99
20) Methylene Chloride	2.85	84	42151	18.748	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	38631	19.207	ug/l	95
22) Diisopropyl ether	3.84	45	128911	20.131	ug/l	91
23) Vinyl Acetate	3.80	43	548114	99.152	ug/l	100
24) 1,1-Dichloroethane	3.69	63	71077	19.730	ug/l	99
25) 2-Butanone	4.66	43	165595	97.567	ug/l	99
26) 2,2-Dichloropropane	4.58	77	59623	19.682	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	46291	19.967	ug/l	98
28) Bromochloromethane	5.01	49	24825	22.815	ug/l	99
29) Tetrahydrofuran	5.11	42	102729	98.359	ug/l	98
30) Chloroform	5.20	83	74480	20.149	ug/l	99
31) Cyclohexane	5.57	56	62453	18.540	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	62440	19.936	ug/l	100
36) 1,1-Dichloropropene	5.79	75	53704	20.072	ug/l	98
37) Ethyl Acetate	4.82	43	60069	20.078	ug/l	99
38) Carbon Tetrachloride	5.78	117	52670	20.225	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101419\
 Data File : VX013047.D
 Acq On : 14 Oct 2019 13:22
 Operator : JC/SP
 Sample : VN1014WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 15 01:24:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	63875	19.686	ug/l	99
40) Benzene	6.14	78	162782	20.600	ug/l	98
41) Methacrylonitrile	5.03	41	33298	20.255	ug/l	99
42) 1,2-Dichloroethane	6.18	62	57487	20.274	ug/l	99
43) Isopropyl Acetate	6.43	43	97245	20.252	ug/l	99
44) Trichloroethene	7.21	130	42622	19.451	ug/l	94
45) 1,2-Dichloropropane	7.51	63	41832	20.771	ug/l	99
46) Dibromomethane	7.65	93	28541	21.270	ug/l	98
47) Bromodichloromethane	7.89	83	53914	20.589	ug/l	100
48) Methyl methacrylate	7.76	41	46527	19.883	ug/l	100
49) 1,4-Dioxane	7.73	88	23280	392.809	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	306452	102.361	ug/l	99
52) Toluene	8.78	92	104652	20.701	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	58154	19.192	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	66223	20.562	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	42592	21.289	ug/l	99
56) Ethyl methacrylate	9.17	69	67274	19.922	ug/l	99
57) 1,3-Dichloropropane	9.37	76	71045	20.529	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	154424	105.070	ug/l	100
59) 2-Hexanone	9.48	43	235478	101.042	ug/l	99
60) Dibromochloromethane	9.58	129	41461	19.788	ug/l	100
61) 1,2-Dibromoethane	9.67	107	43411	20.627	ug/l	100
64) Tetrachloroethene	9.33	164	40056	21.046	ug/l	97
65) Chlorobenzene	10.14	112	108636	19.936	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	39499	20.906	ug/l	98
67) Ethyl Benzene	10.25	91	195671	20.215	ug/l	100
68) m/p-Xylenes	10.35	106	149298	41.287	ug/l	97
69) o-Xylene	10.70	106	72527	20.567	ug/l	99
70) Styrene	10.71	104	123741	20.641	ug/l	100
71) Bromoform	10.85	173	27202	18.974	ug/l #	99
73) Isopropylbenzene	11.01	105	190666	20.482	ug/l	100
74) N-amyl acetate	10.89	43	79790	19.902	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	62223	20.097	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	72827	25.933	ug/l	76
77) Bromobenzene	11.25	156	46319	21.115	ug/l	96
78) n-propylbenzene	11.35	91	214083	20.900	ug/l	100
79) 2-Chlorotoluene	11.42	91	131050	20.357	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	161439	20.769	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	17506	18.805	ug/l	93
82) 4-Chlorotoluene	11.51	91	154958	21.001	ug/l	99
83) tert-Butylbenzene	11.76	119	158862	20.951	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	165163	20.980	ug/l	100
85) sec-Butylbenzene	11.94	105	180369	20.532	ug/l	100
86) p-Isopropyltoluene	12.06	119	168975	20.740	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	82772	20.319	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	80080	19.410	ug/l	99
89) n-Butylbenzene	12.38	91	134928	19.705	ug/l	97
90) Hexachloroethane	12.59	117	27121	19.330	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	82485	20.654	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	14336	19.755	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101419\
Data File : VX013047.D
Acq On : 14 Oct 2019 13:22
Operator : JC/SP
Sample : VN1014WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 15 01:24:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 11 09:48:22 2019
Response via : Initial Calibration

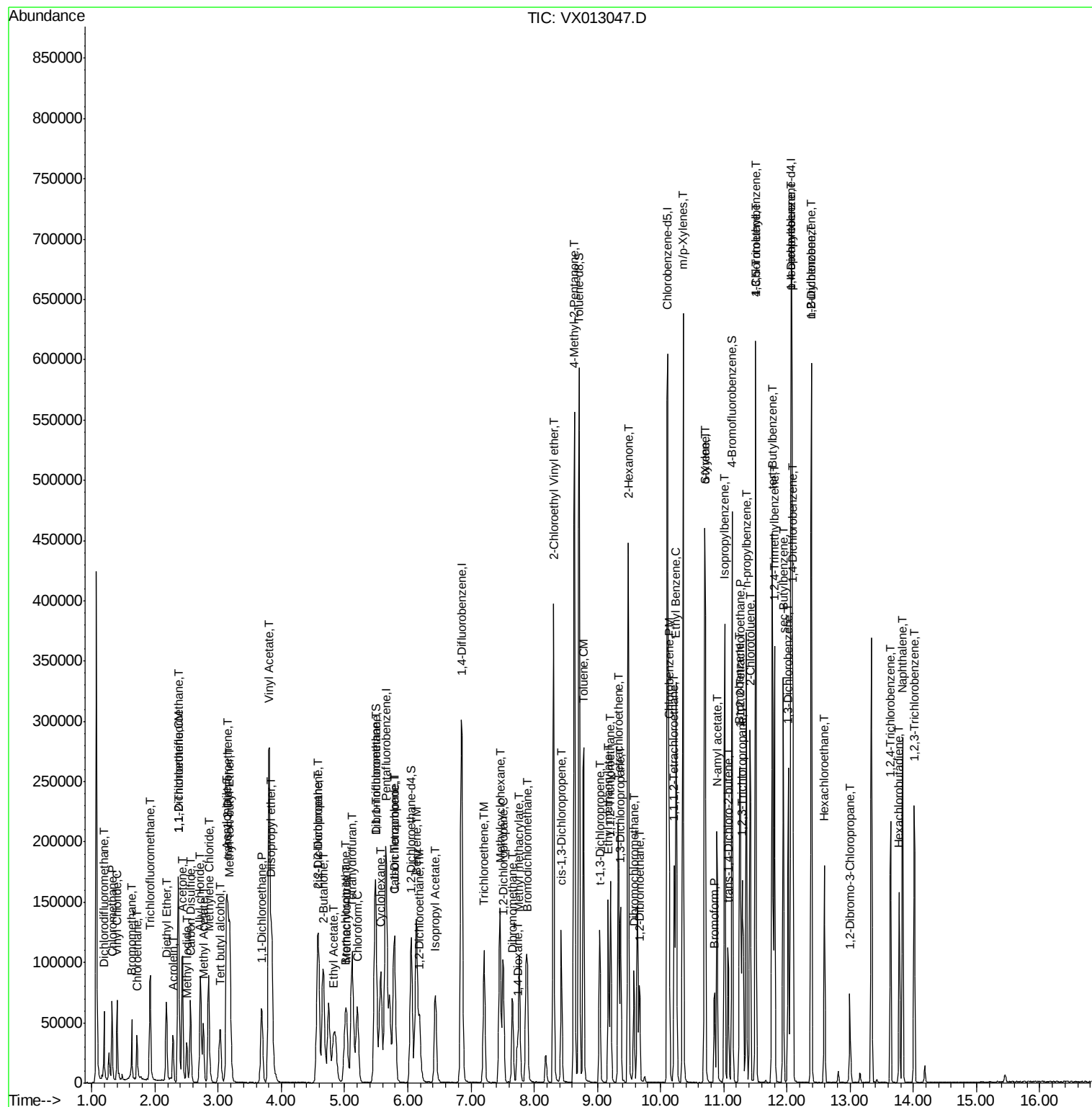
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	49051	19.607	ug/l	99
94) Hexachlorobutadiene	13.77	225	22016	19.069	ug/l	98
95) Naphthalene	13.83	128	176855	20.394	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	51644	19.977	ug/l	98

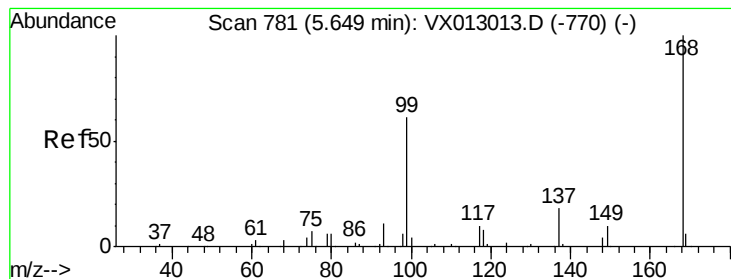
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101419\
Data File : VX013047.D
Acq On : 14 Oct 2019 13:22
Operator : JC/SP
Sample : VN1014WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 15 01:24:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 11 09:48:22 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

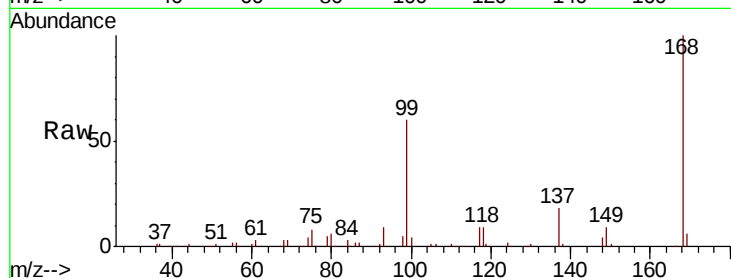
ClientSampleId :

Tot Ion:168 Resp: 185693

Ion Ratio Lower Upper

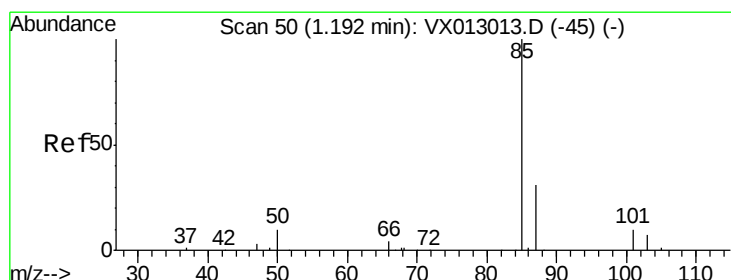
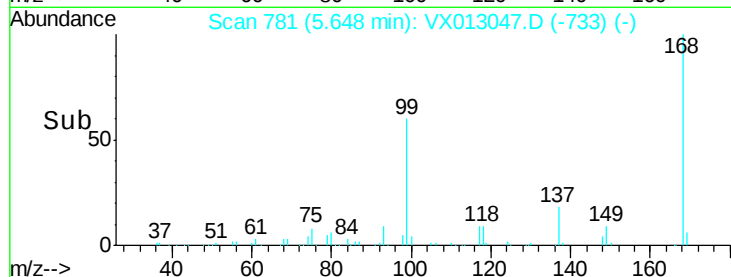
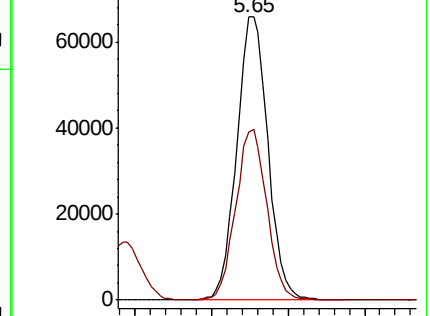
168 100

99 59.6 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.389 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX013047.D

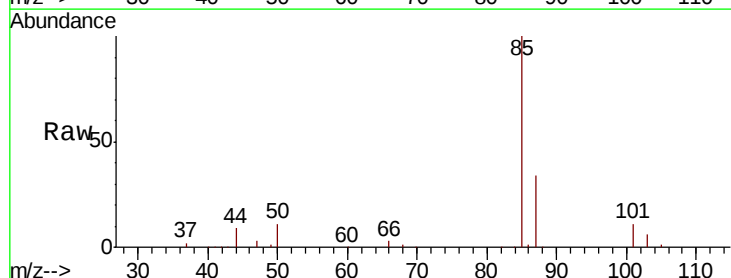
Acq: 14 Oct 2019 13:22

Tgt Ion: 85 Resp: 34807

Ion Ratio Lower Upper

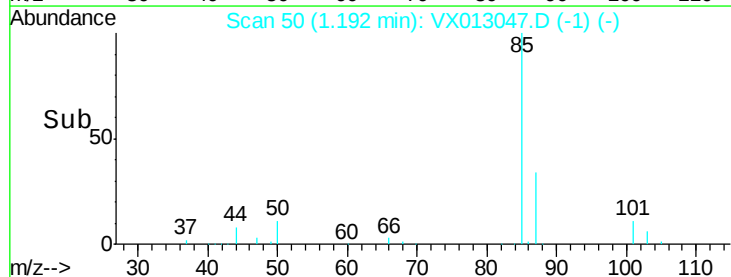
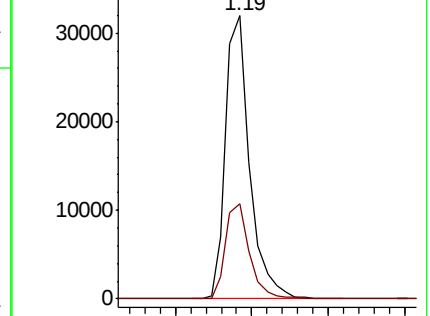
85 100

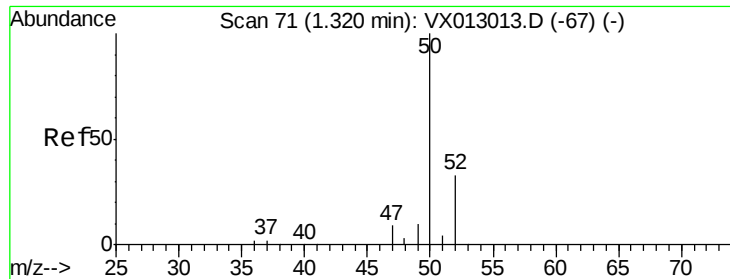
87 33.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.033 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

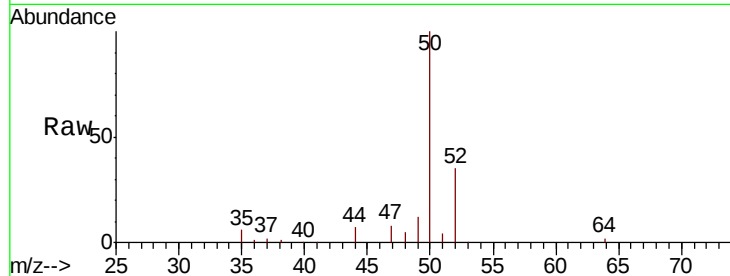
ClientSampleId :

Tot Ion: 50 Resp: 37147

Ion Ratio Lower Upper

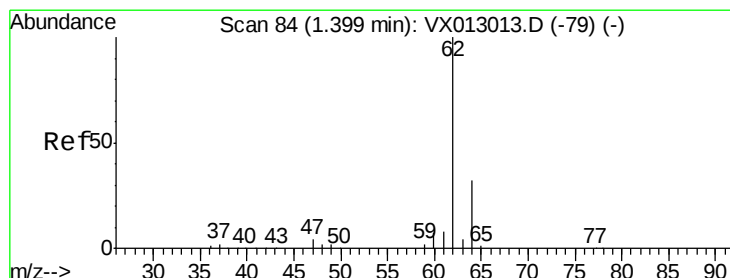
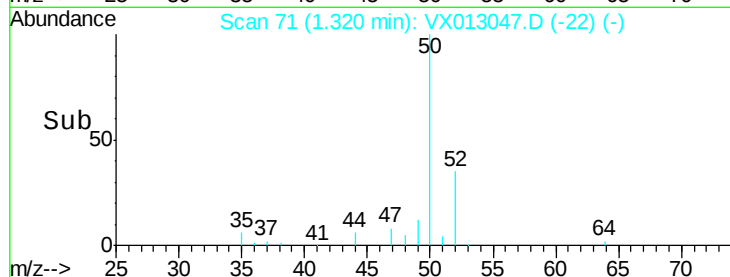
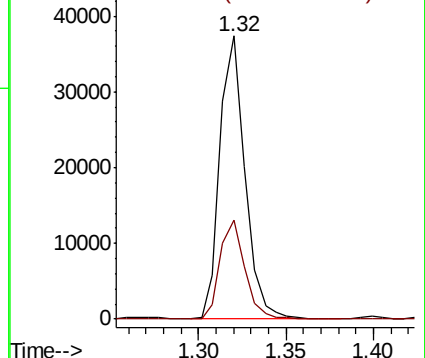
50 100

52 35.0 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.053 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013047.D

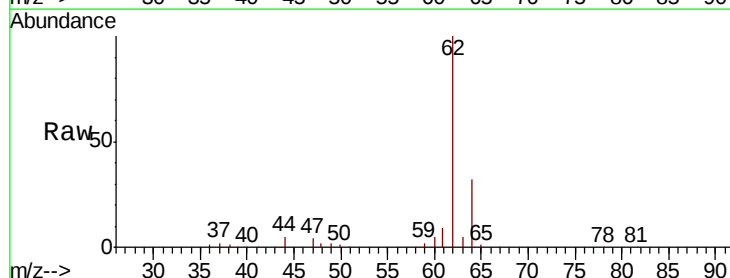
Acq: 14 Oct 2019 13:22

Tgt Ion: 62 Resp: 38384

Ion Ratio Lower Upper

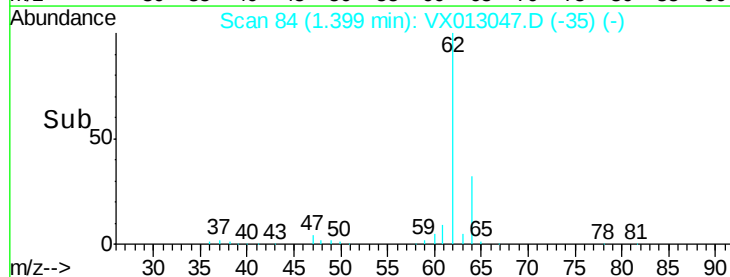
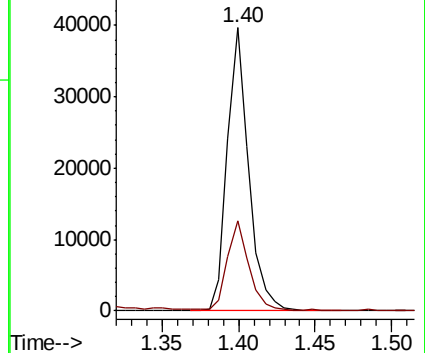
62 100

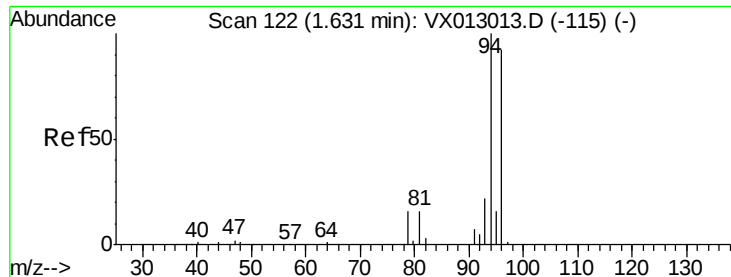
64 31.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.401 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

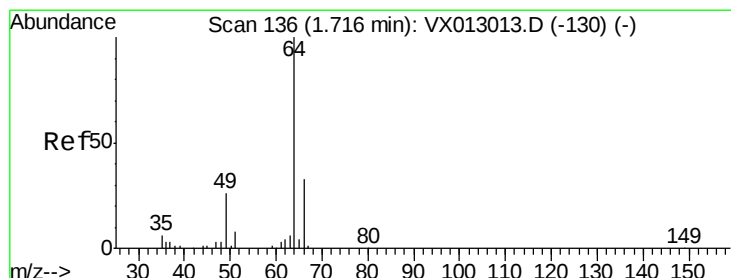
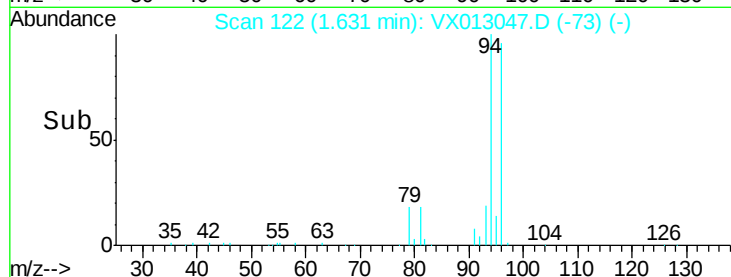
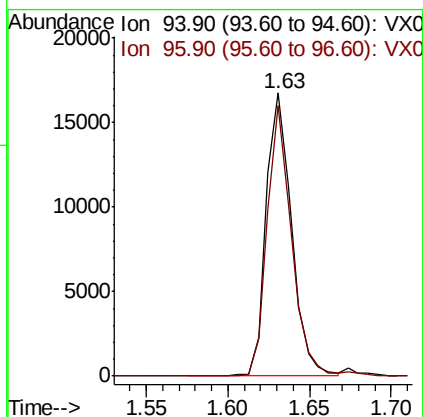
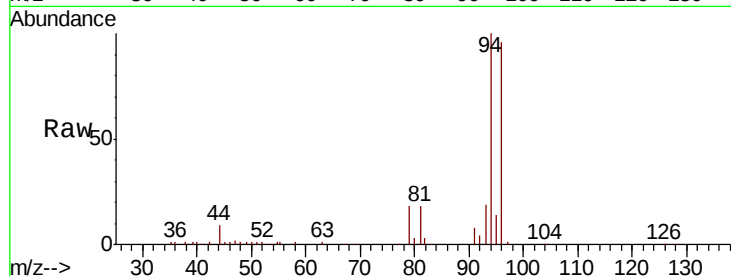
ClientSampled :

Tot Ion: 94 Resp: 18031

Ion Ratio Lower Upper

94 100

96 95.6 74.7 112.1



#6

Chloroethane

Concen: 21.284 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013047.D

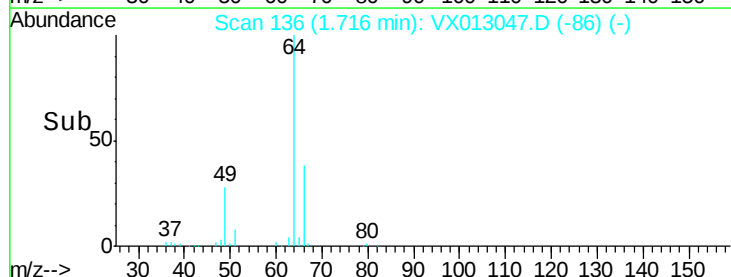
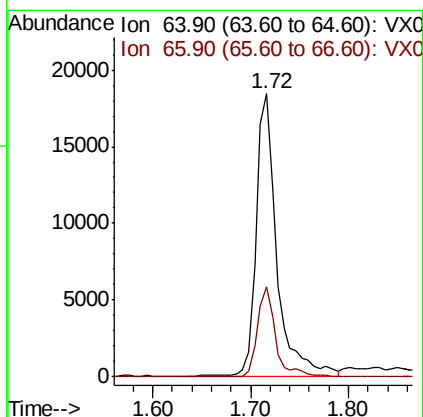
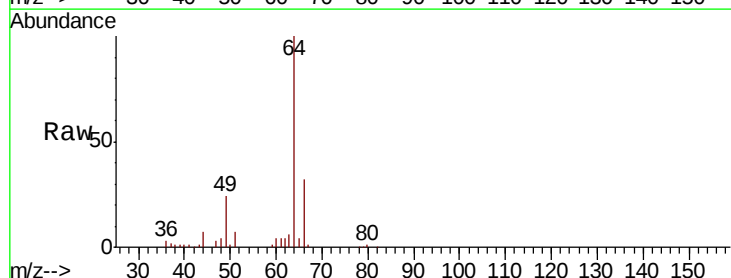
Acq: 14 Oct 2019 13:22

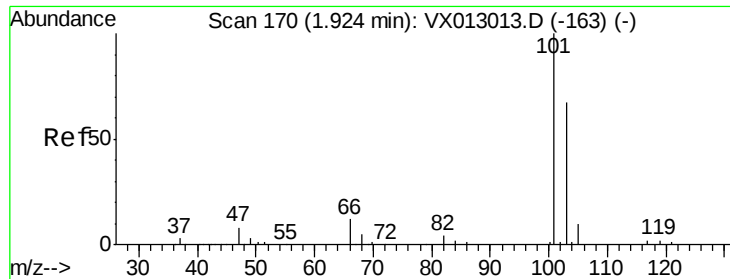
Tgt Ion: 64 Resp: 27367

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4



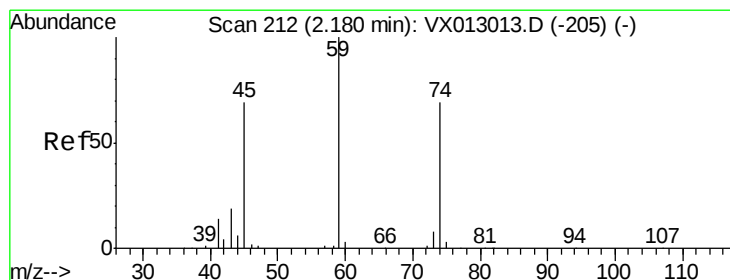
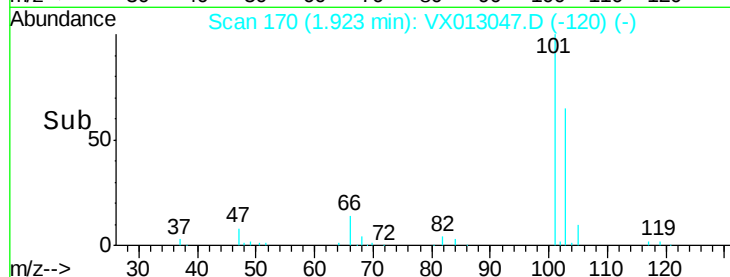
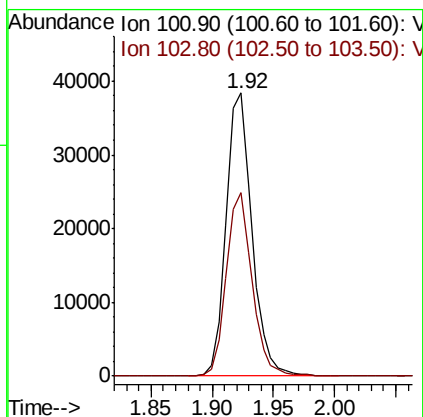
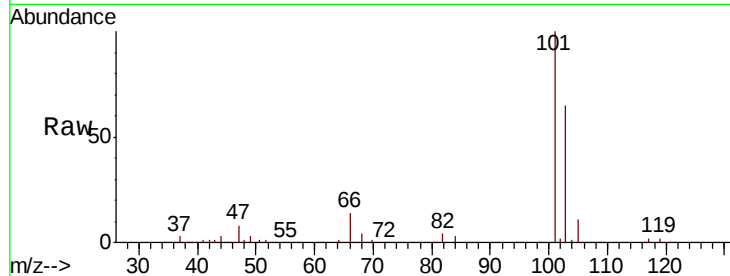


#7

Trichlorofluoromethane
Concen: 19.524 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Instrument :
MSVOA_X
ClientSampleId :

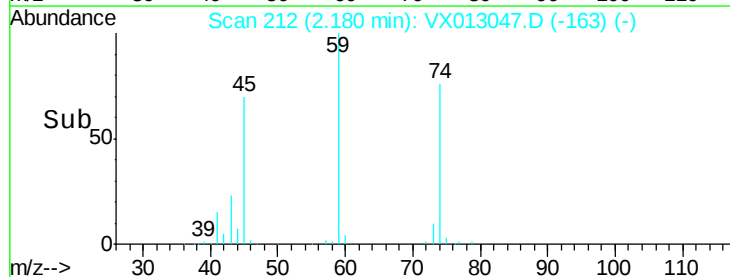
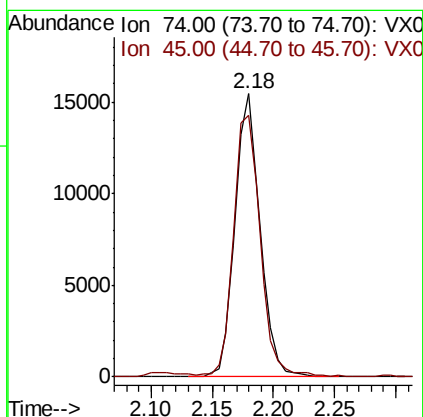
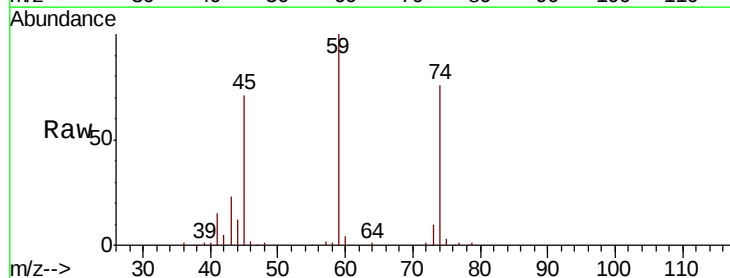
Tot Ion:101 Resp: 56030
Ion Ratio Lower Upper
101 100
103 64.9 52.5 78.7

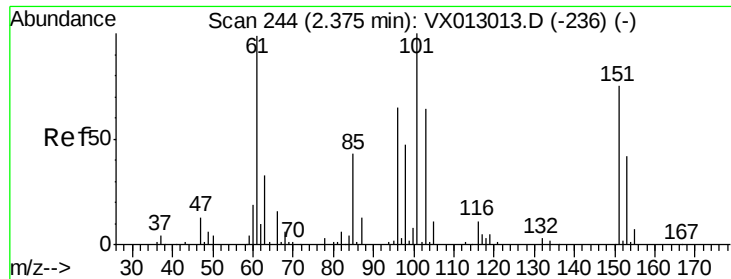


#8

Diethyl Ether
Concen: 18.876 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Tgt Ion: 74 Resp: 21865
Ion Ratio Lower Upper
74 100
45 98.6 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.608 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

ClientSampled :

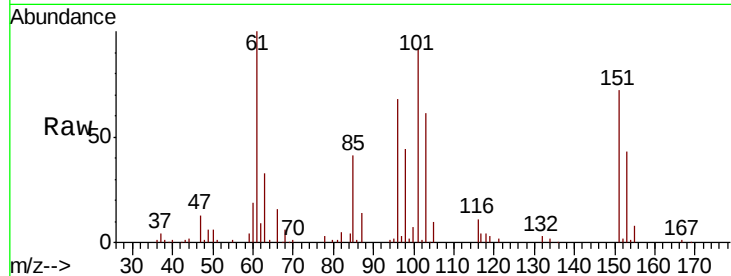
Tot Ion:101 Resp: 36418

Ion Ratio Lower Upper

101 100

85 44.2 35.2 52.8

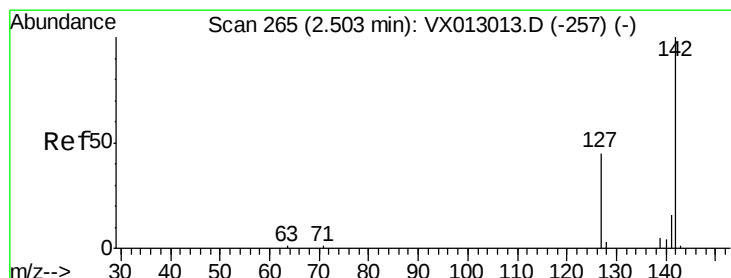
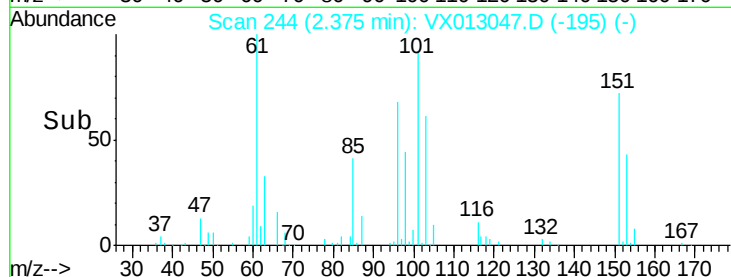
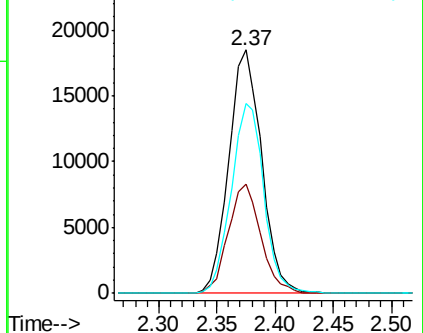
151 77.3 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.888 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

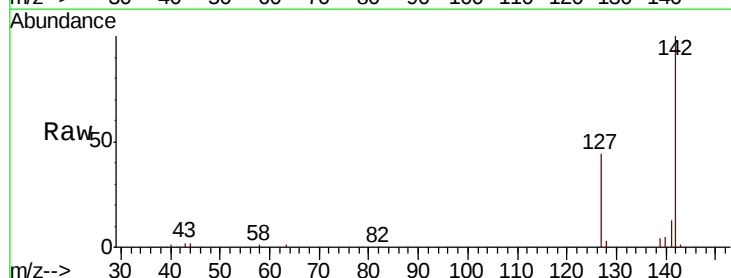
Tgt Ion:142 Resp: 32336

Ion Ratio Lower Upper

142 100

127 43.6 34.9 52.3

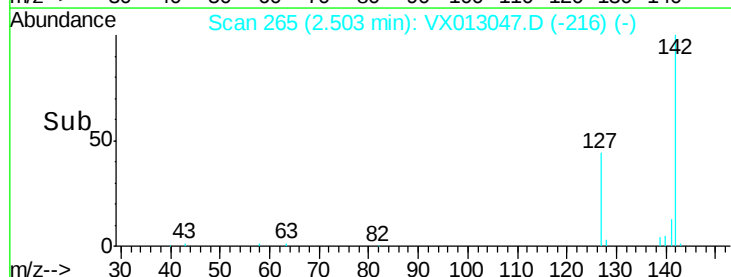
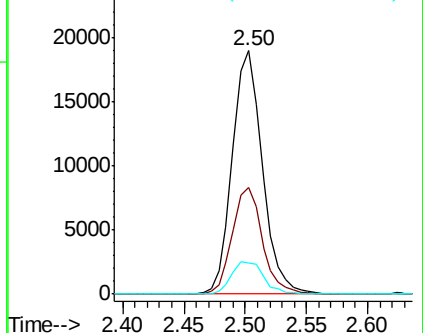
141 14.1 11.6 17.4

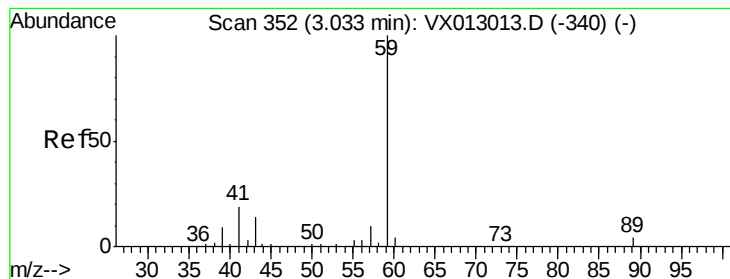


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



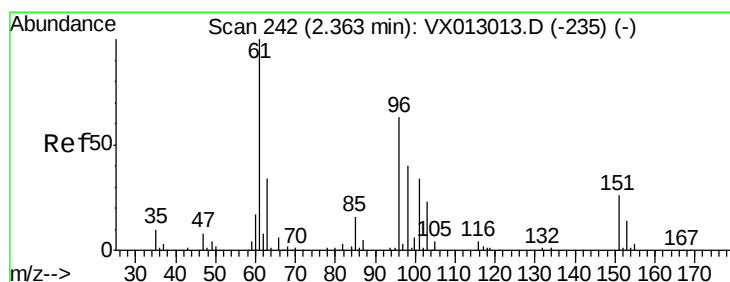
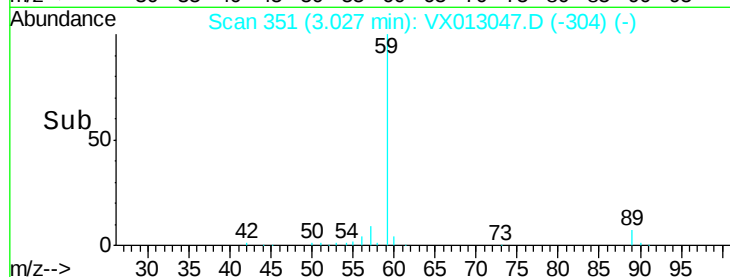
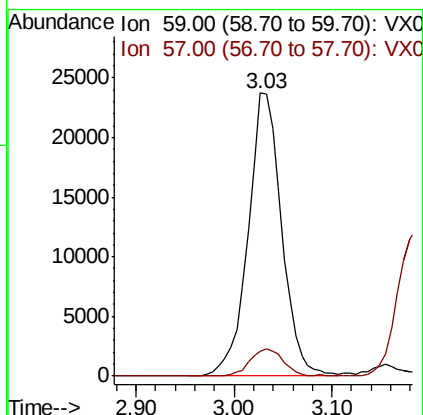
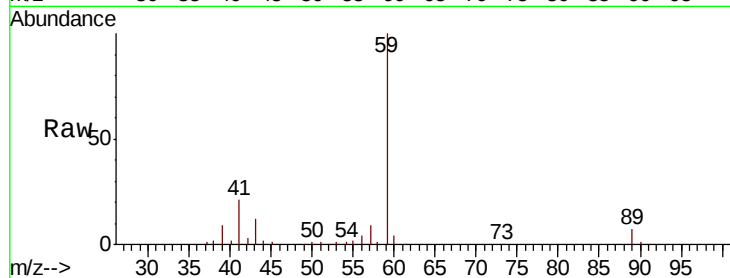


#11

Tert butyl alcohol
 Concen: 92.085 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Instrument :
 MSVOA_X
 ClientSampled :

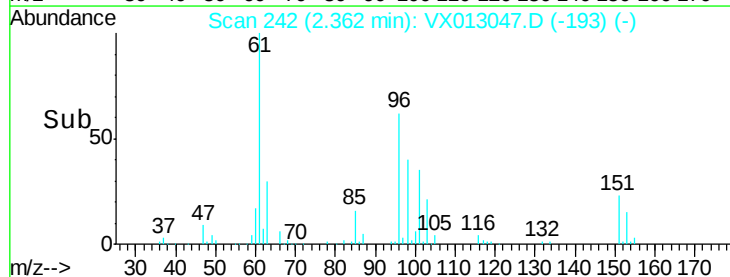
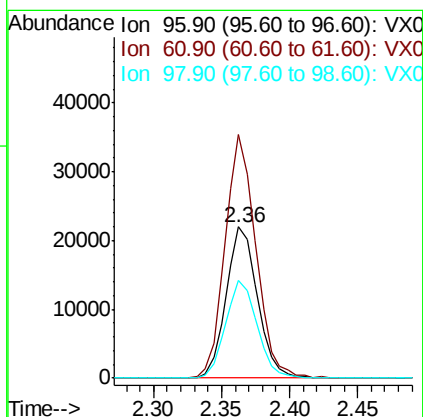
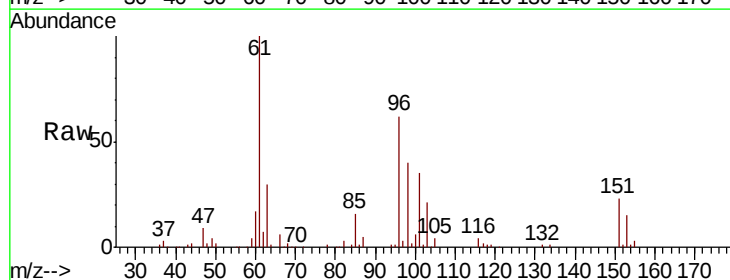
Tot Ion: 59 Resp: 56656
 Ion Ratio Lower Upper
 59 100
 57 9.6 8.3 12.5

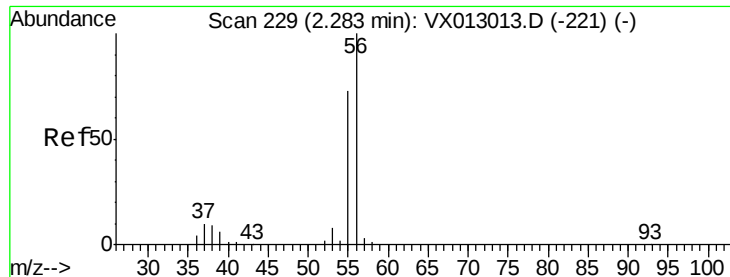


#12

1,1-Dichloroethene
 Concen: 18.754 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Tgt Ion: 96 Resp: 35193
 Ion Ratio Lower Upper
 96 100
 61 160.7 132.2 198.4
 98 64.4 50.5 75.7





#13

Acrolein

Concen: 62.513 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

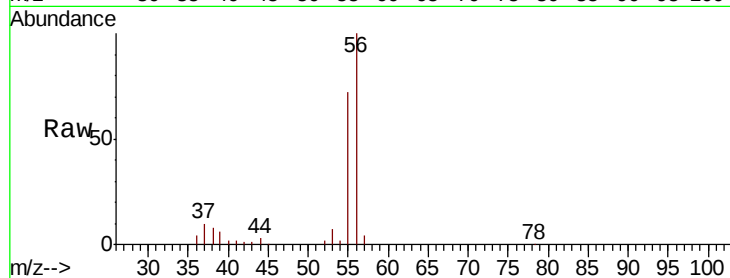
ClientSampleId :

Tot Ion: 56 Resp: 27333

Ion Ratio Lower Upper

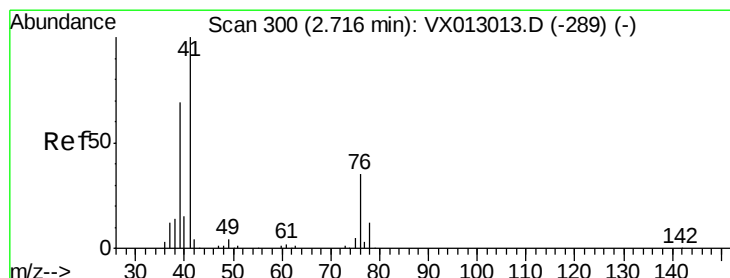
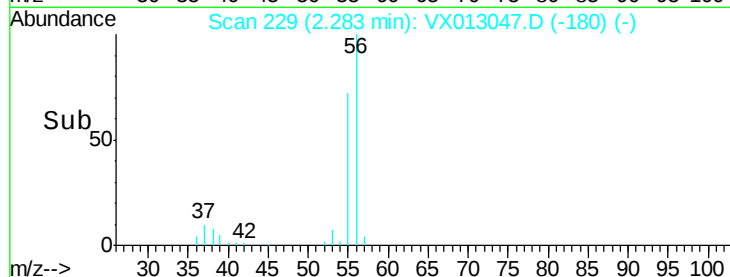
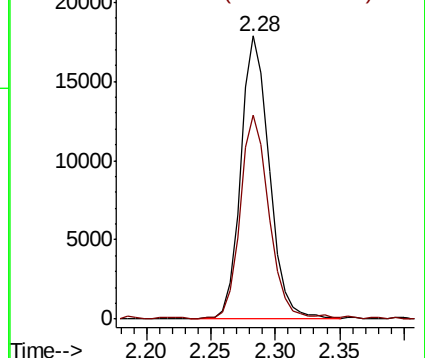
56 100

55 73.6 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.514 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

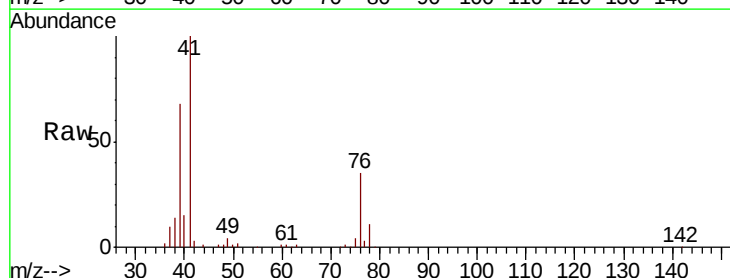
Tgt Ion: 41 Resp: 61869

Ion Ratio Lower Upper

41 100

39 64.6 51.0 76.6

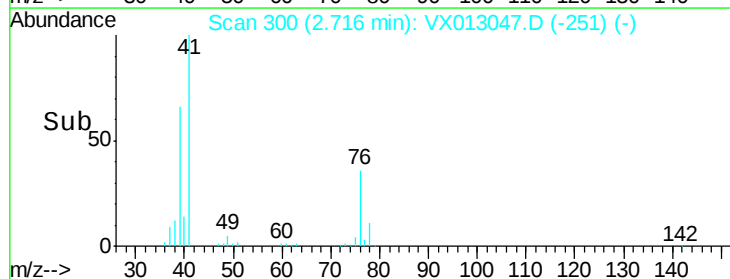
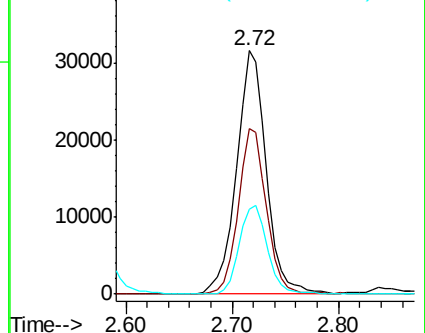
76 34.5 26.2 39.4

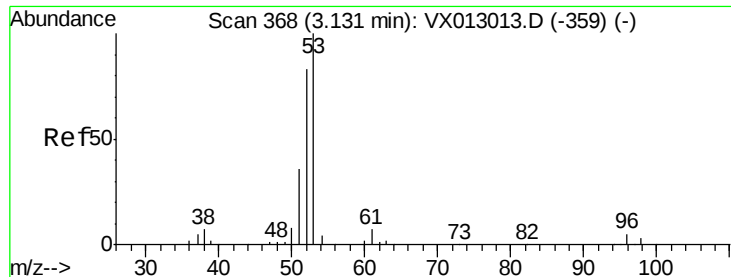


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 100.168 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

ClientSampled :

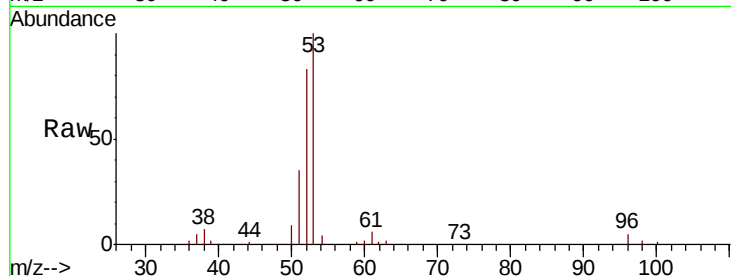
Tot Ion: 53 Resp: 116791

Ion Ratio Lower Upper

53 100

52 81.6 66.2 99.2

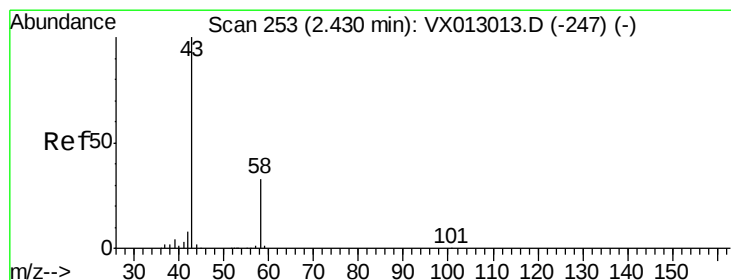
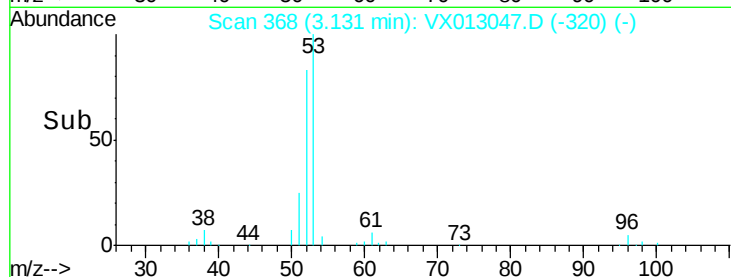
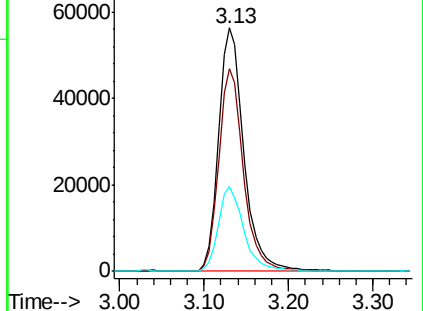
51 35.4 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 91.086 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013047.D

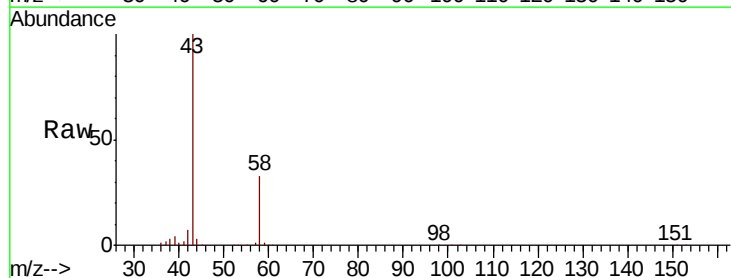
Acq: 14 Oct 2019 13:22

Tgt Ion: 43 Resp: 111431

Ion Ratio Lower Upper

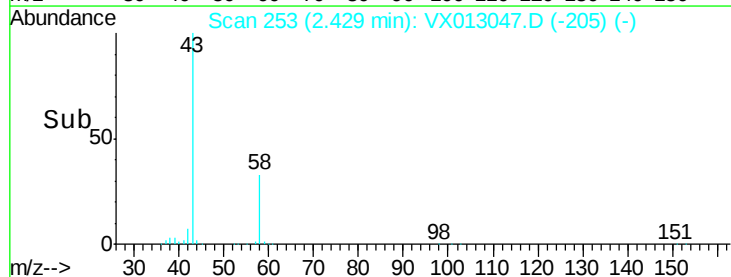
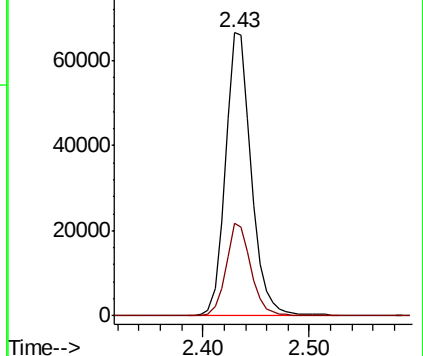
43 100

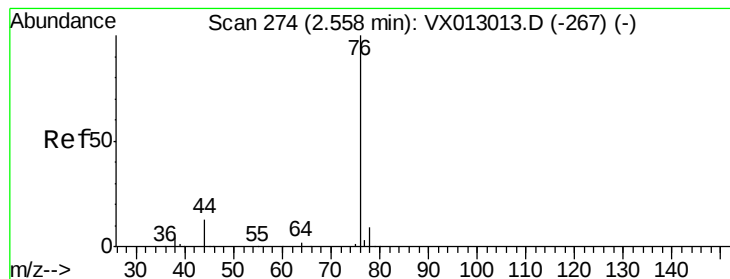
58 32.6 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.280 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

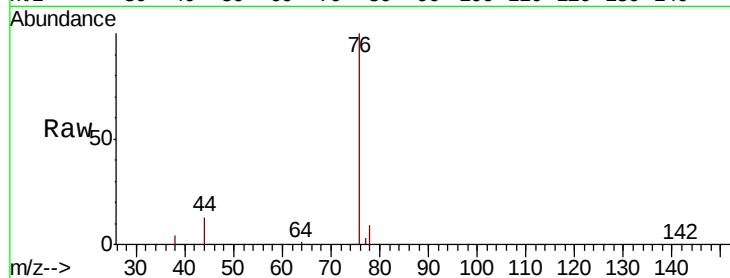
ClientSampleId :

Tot Ion: 76 Resp: 87107

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

50000

40000

30000

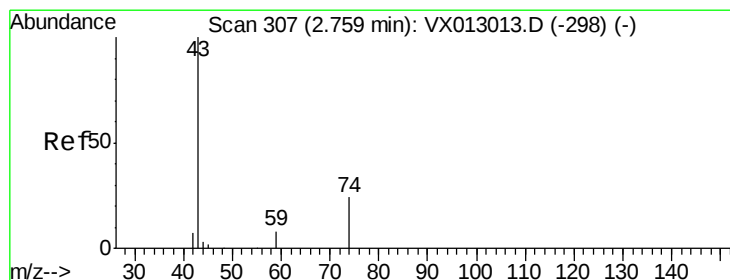
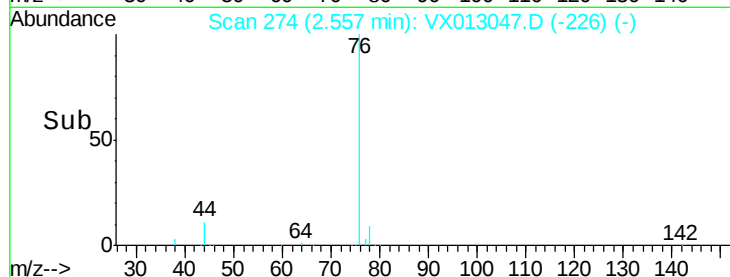
20000

10000

0

Time-->

2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 19.092 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX013047.D

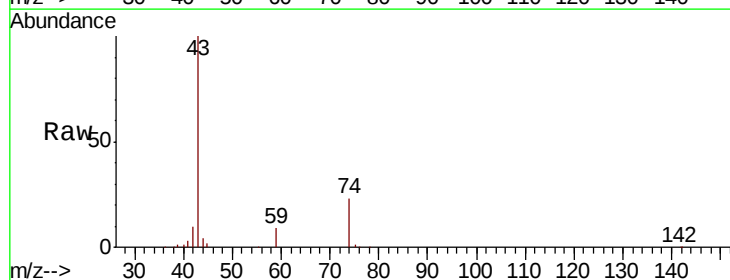
Acq: 14 Oct 2019 13:22

Tgt Ion: 43 Resp: 55360

Ion Ratio Lower Upper

43 100

74 24.7 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

30000

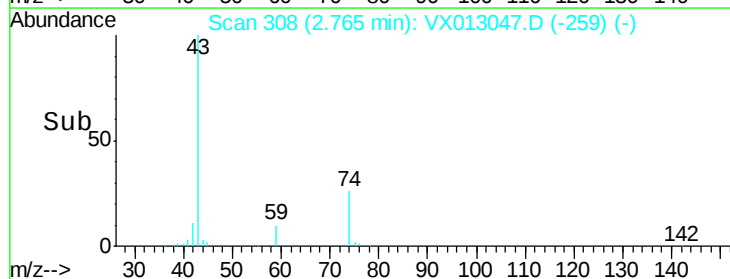
20000

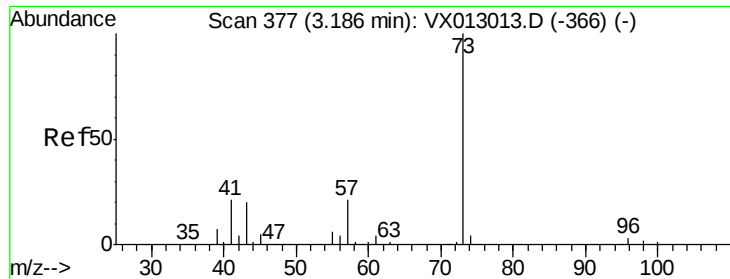
10000

0

Time-->

2.70 2.75 2.80 2.85

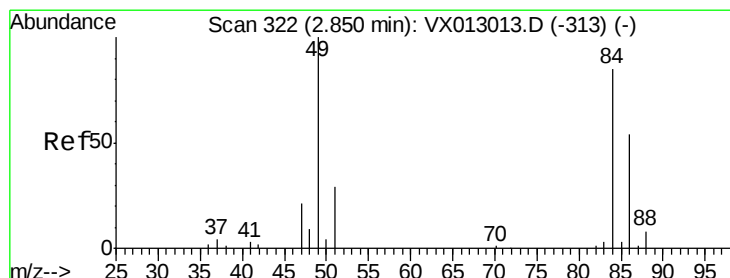
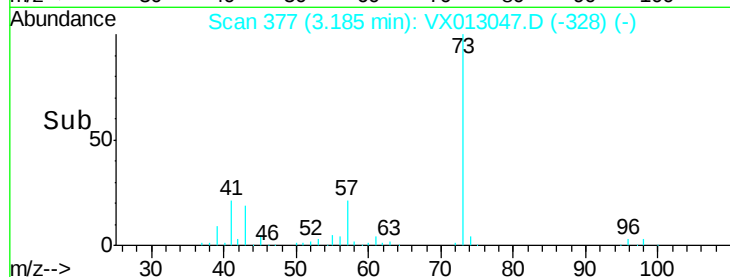
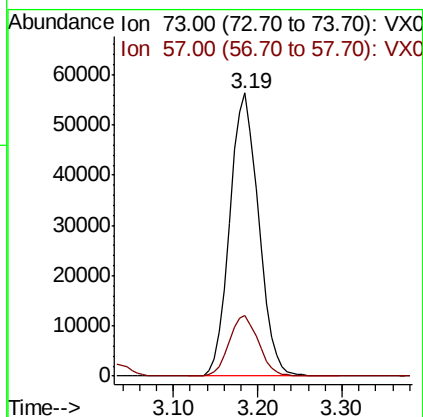
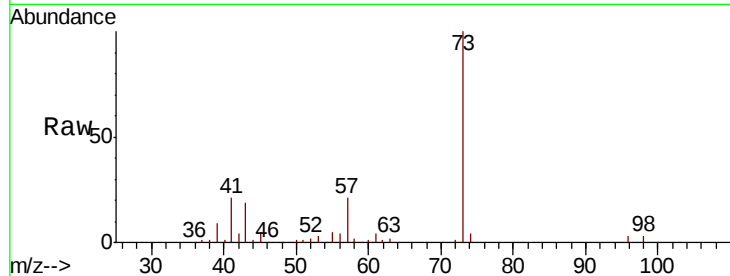




#19
Methyl tert-butyl Ether
Concen: 20.228 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

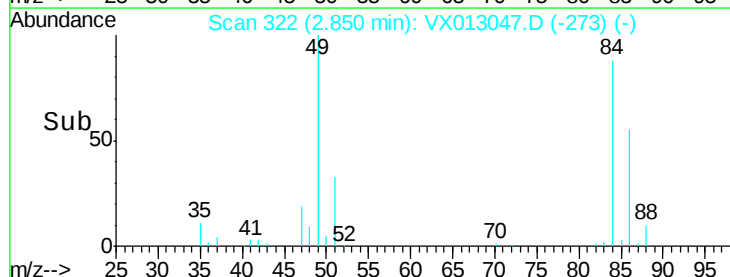
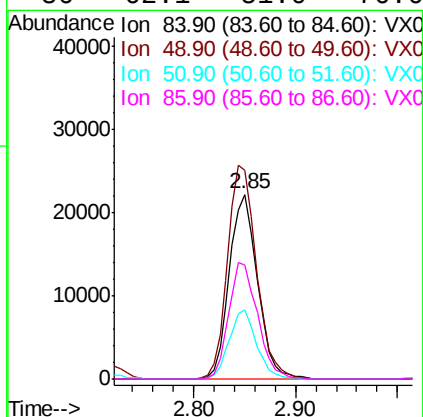
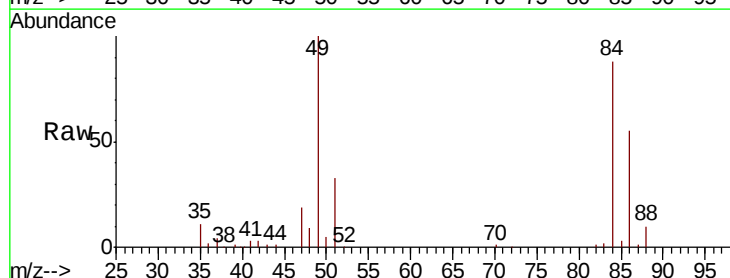
Instrument :
MSVOA_X
ClientSampled :

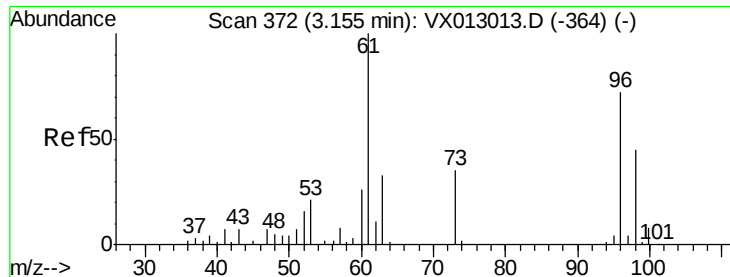
Tot Ion: 73 Resp: 131082
Ion Ratio Lower Upper
73 100
57 21.5 17.8 26.6



#20
Methylene Chloride
Concen: 18.748 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Tgt Ion: 84 Resp: 42151
Ion Ratio Lower Upper
84 100
49 113.3 96.6 144.8
51 37.6 30.7 46.1
86 62.1 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.207 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

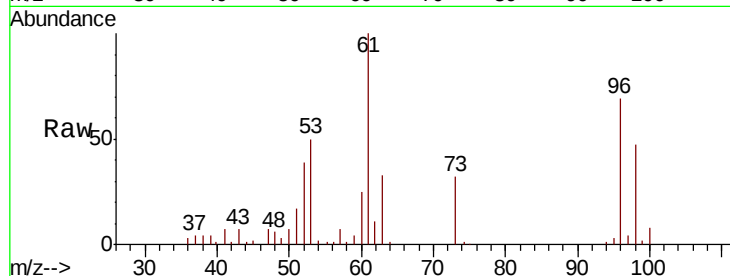
Tot Ion: 96 Resp: 38631

Ion Ratio Lower Upper

96 100

61 143.9 110.4 165.6

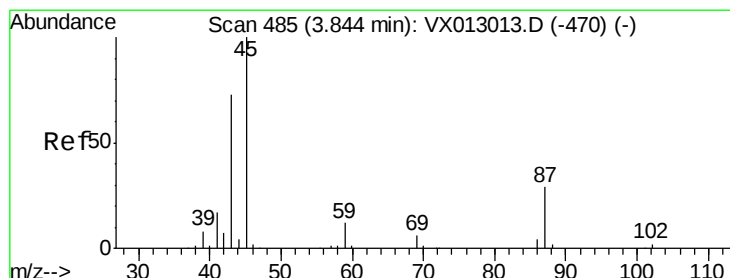
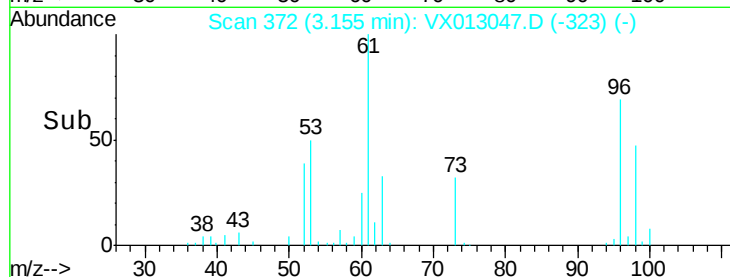
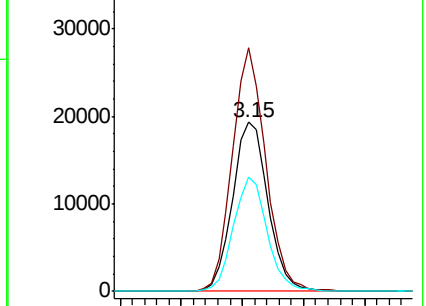
98 67.7 51.5 77.3



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.131 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Tgt Ion: 45 Resp: 128911

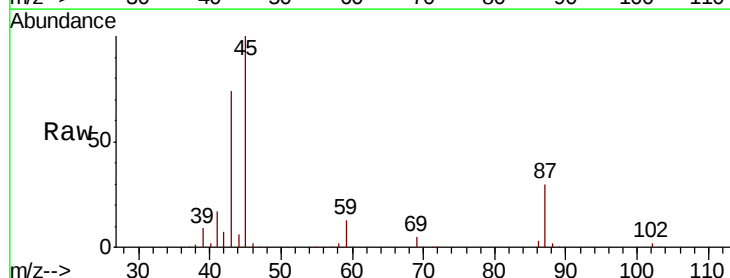
Ion Ratio Lower Upper

45 100

43 73.8 51.4 77.0

87 29.9 22.5 33.7

59 13.2 9.7 14.5

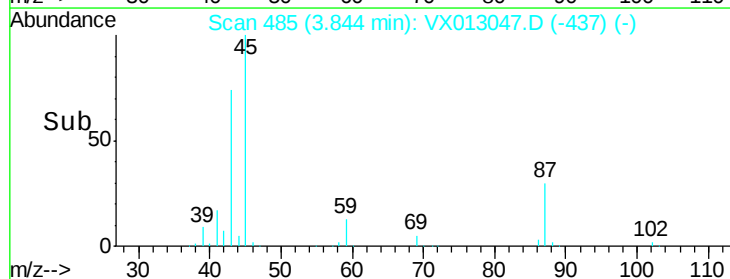
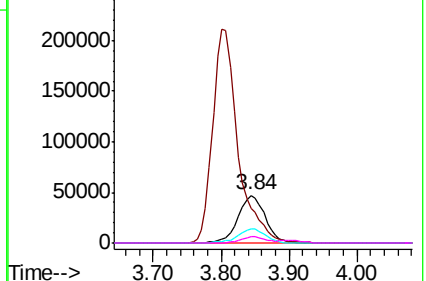


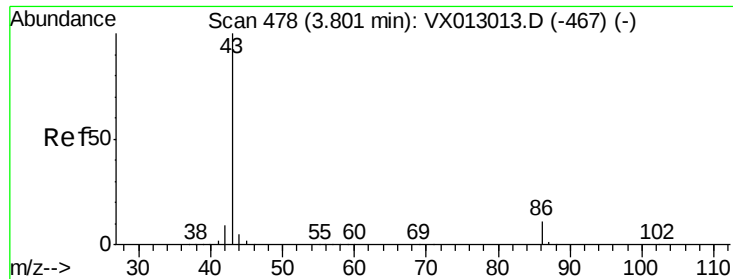
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 99.152 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

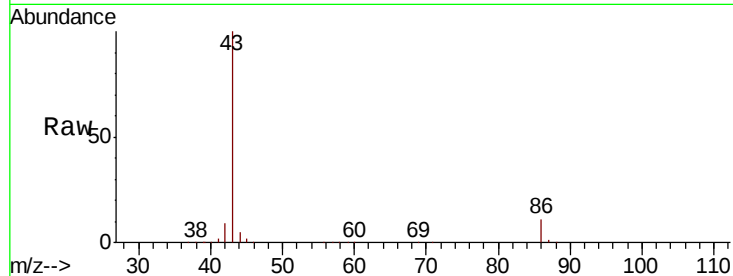
ClientSampleId :

Tot Ion: 43 Resp: 548114

Ion Ratio Lower Upper

43 100

86 11.5 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

200000

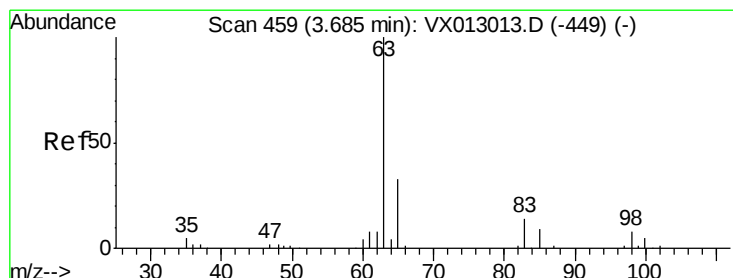
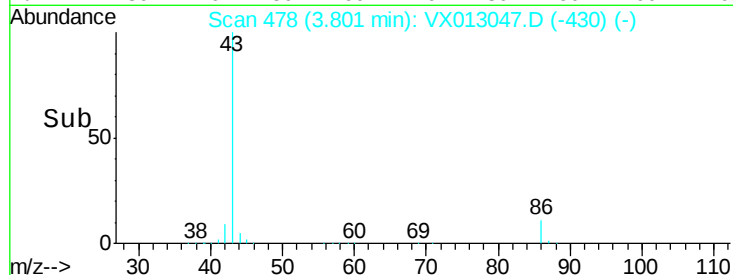
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.730 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

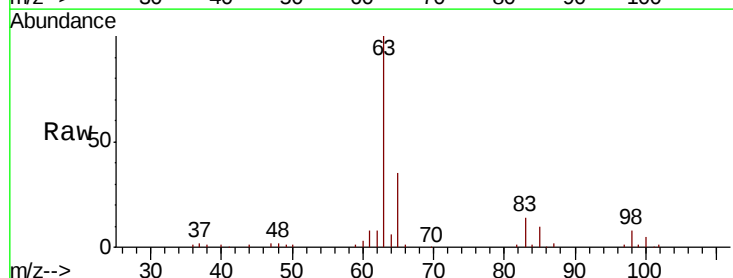
Tgt Ion: 63 Resp: 71077

Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.5

100 4.9 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

40000

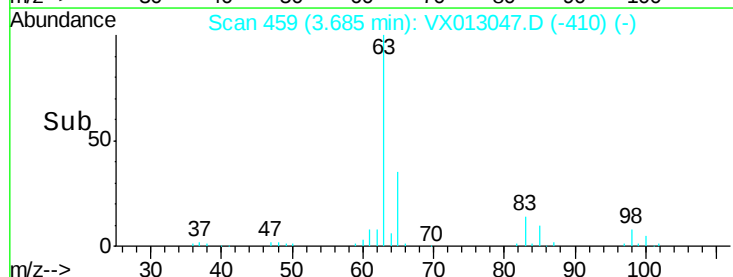
30000

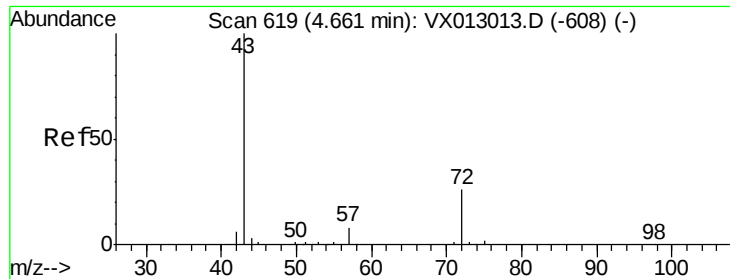
20000

10000

0

Time-->





#25

2-Butanone

Concen: 97.567 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

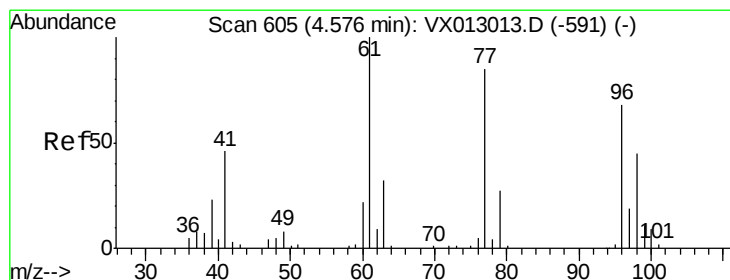
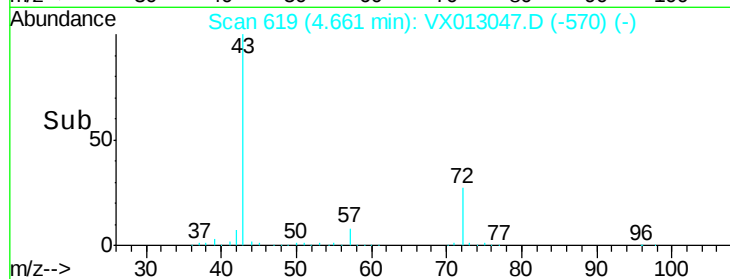
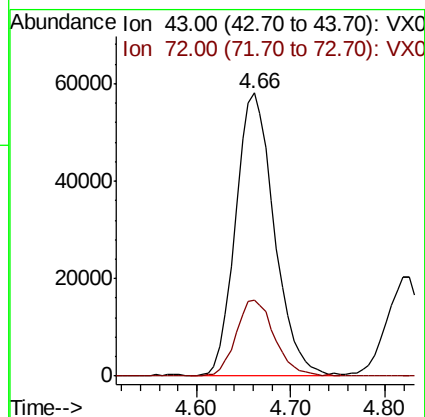
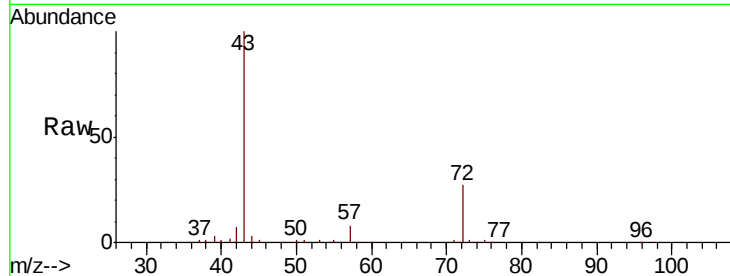
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 165595

Ion Ratio Lower Upper

43 100

72 27.0 21.0 31.6



#26

2,2-Dichloropropane

Concen: 19.682 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX013047.D

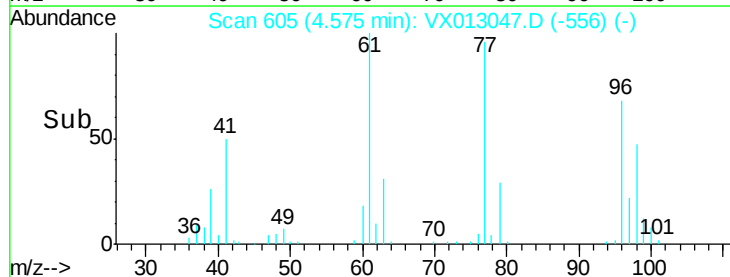
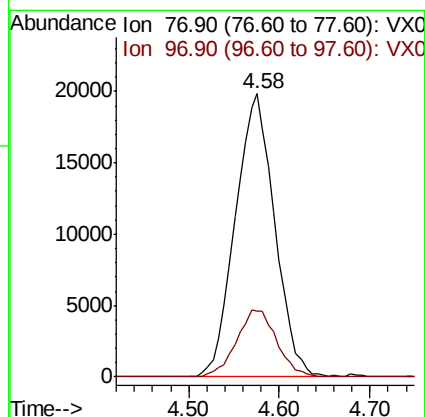
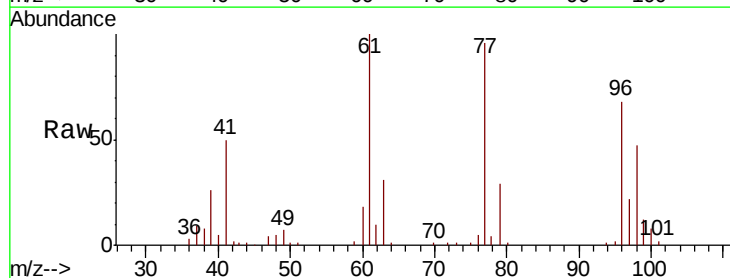
Acq: 14 Oct 2019 13:22

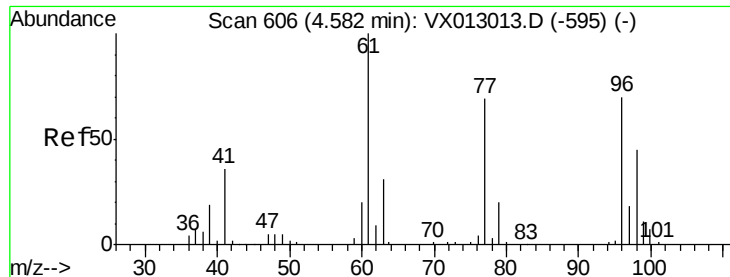
Tgt Ion: 77 Resp: 59623

Ion Ratio Lower Upper

77 100

97 24.2 11.3 33.9



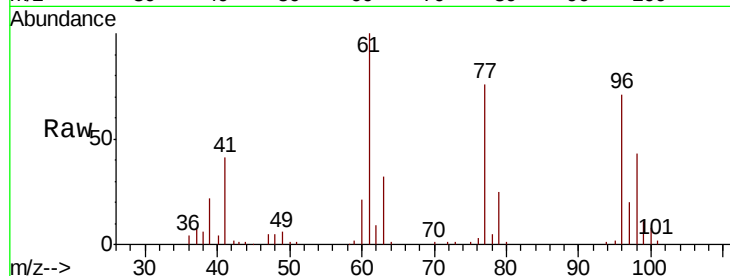


#27

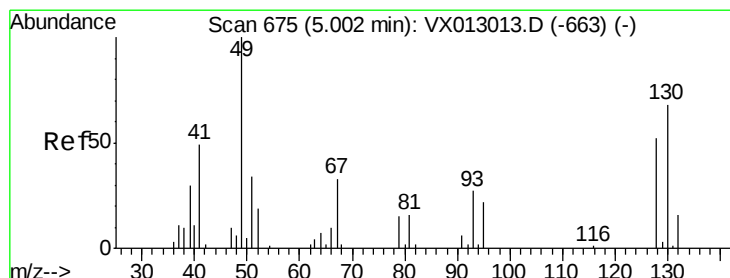
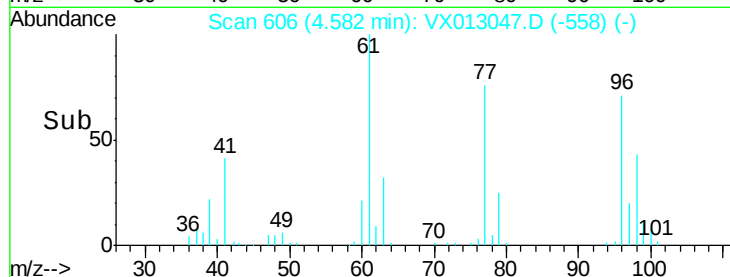
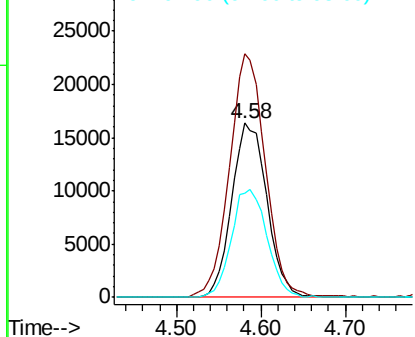
cis-1,2-Dichloroethene
Concen: 19.967 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 46291
Ion Ratio Lower Upper
96 100
61 142.3 0.0 290.6
98 62.6 0.0 128.8



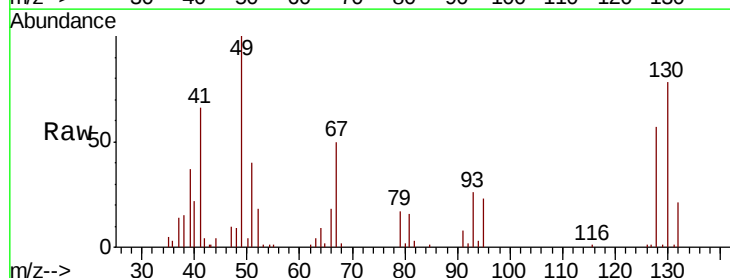
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



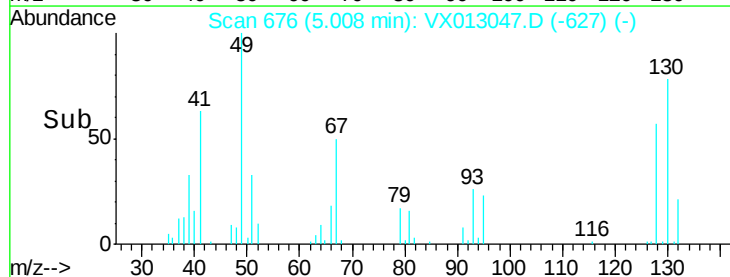
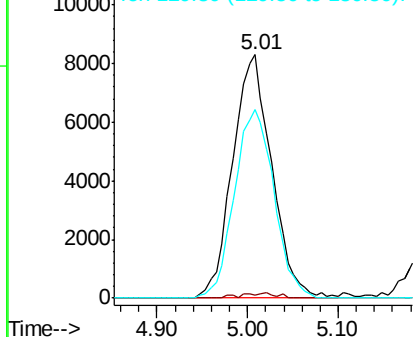
#28

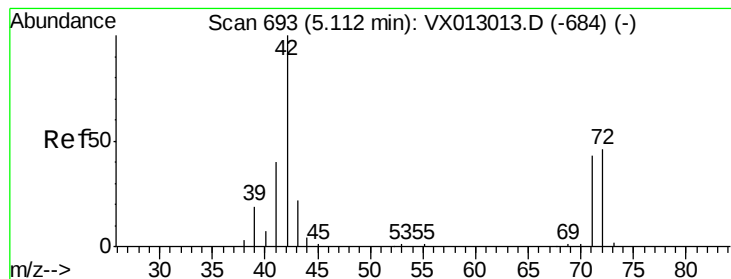
Bromochloromethane
Concen: 22.815 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Tgt Ion: 49 Resp: 24825
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.2
130 78.2 62.1 93.1



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 98.359 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

ClientSampled :

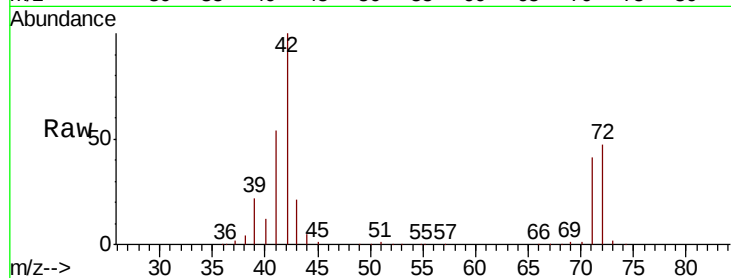
Tot Ion: 42 Resp: 102729

Ion Ratio Lower Upper

42 100

72 48.1 36.9 55.3

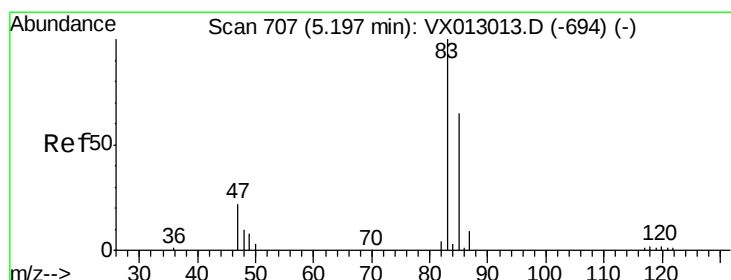
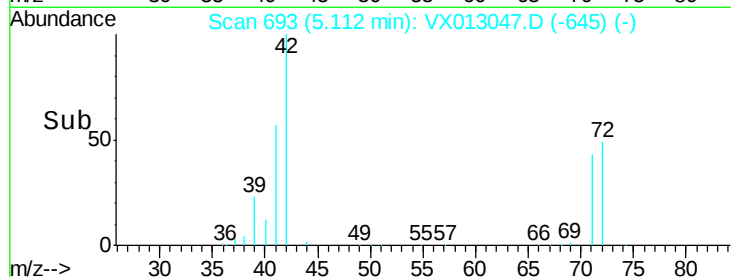
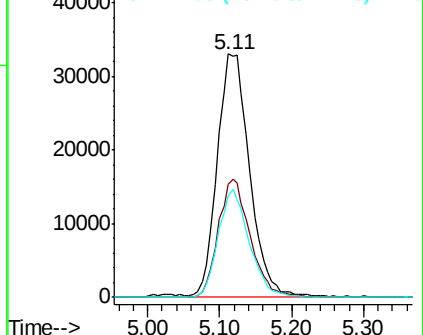
71 42.6 33.5 50.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.149 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013047.D

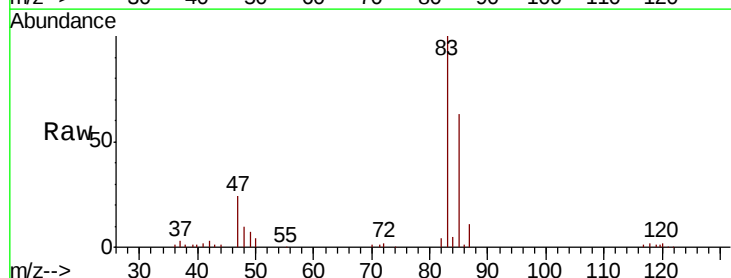
Acq: 14 Oct 2019 13:22

Tgt Ion: 83 Resp: 74480

Ion Ratio Lower Upper

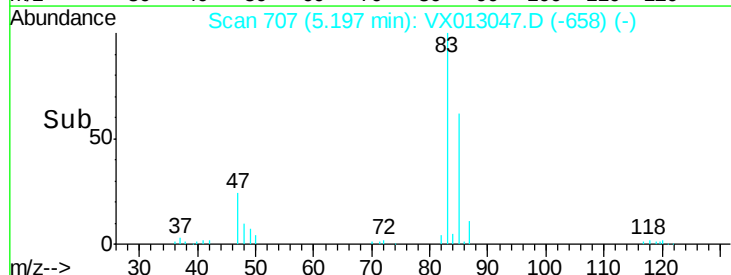
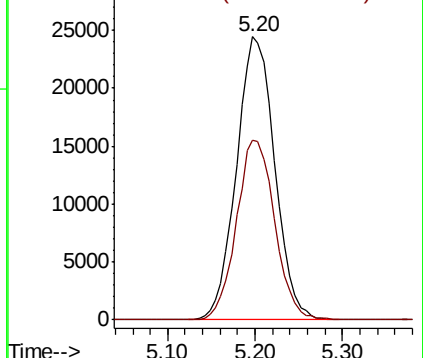
83 100

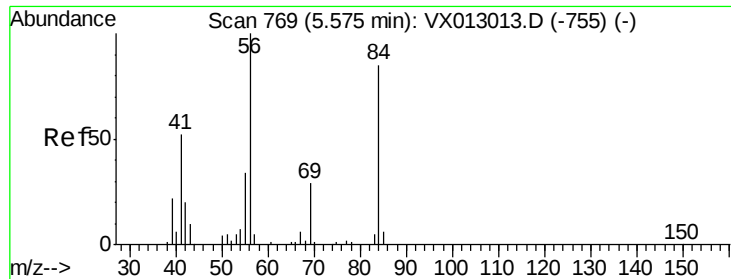
85 63.3 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.540 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

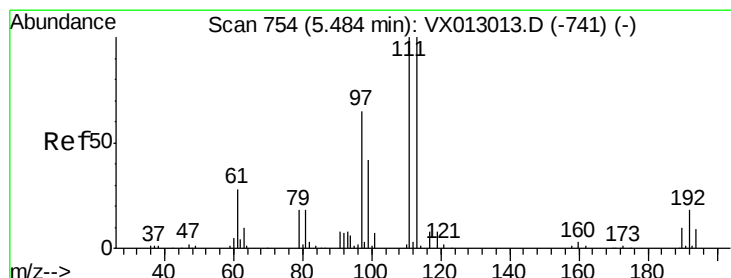
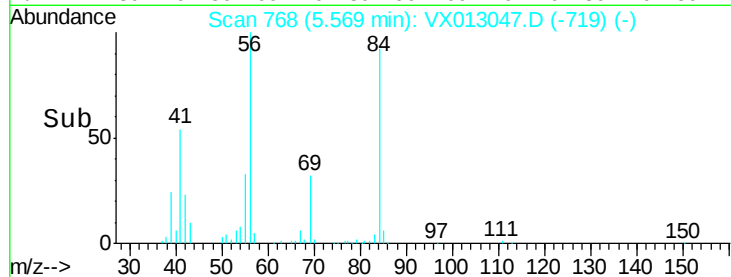
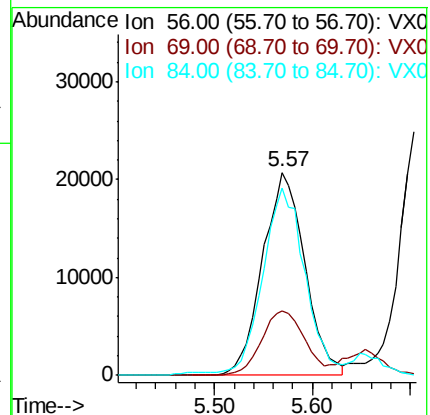
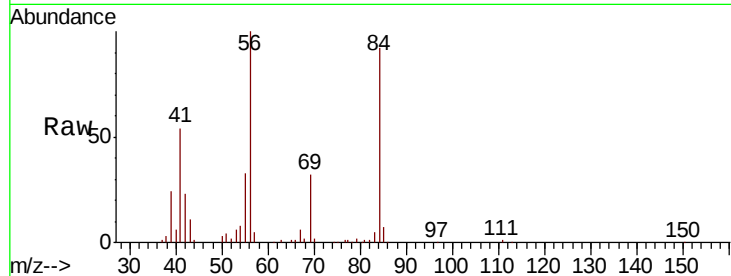
Tot Ion: 56 Resp: 62453

Ion Ratio Lower Upper

56 100

69 31.5 25.2 37.8

84 91.1 71.3 106.9



#32

1,1,1-Trichloroethane

Concen: 19.936 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

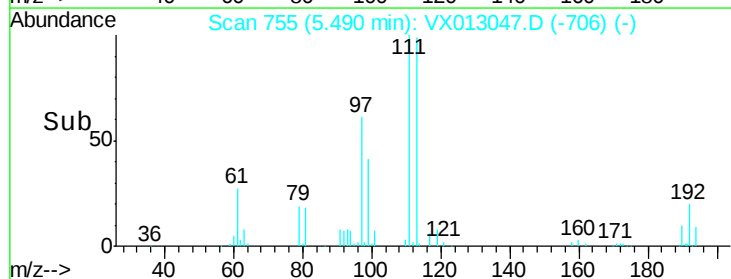
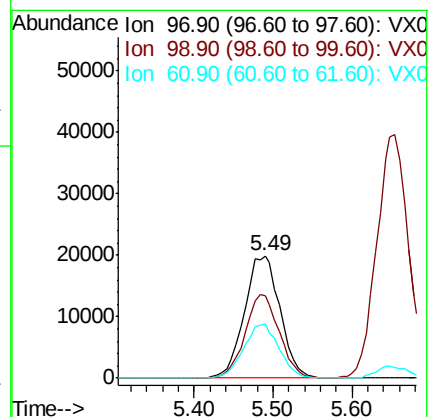
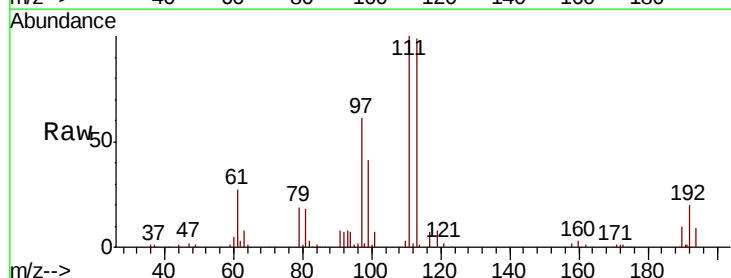
Tgt Ion: 97 Resp: 62440

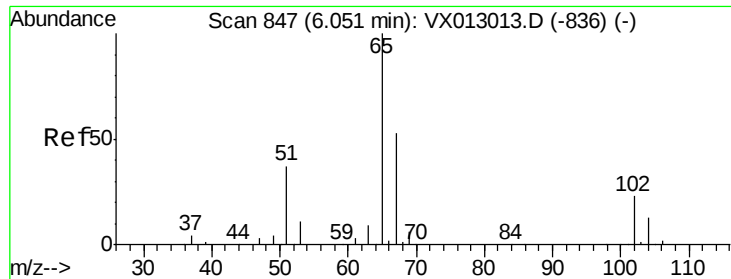
Ion Ratio Lower Upper

97 100

99 65.2 52.3 78.5

61 43.9 35.0 52.4

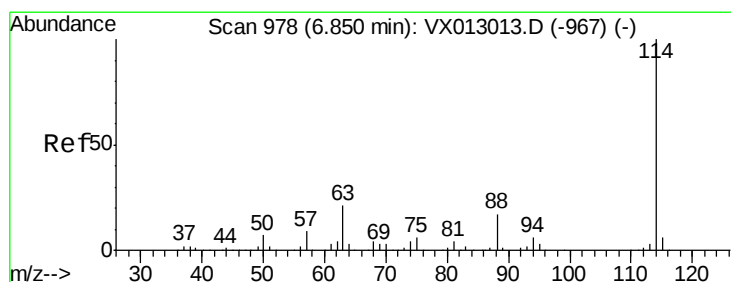
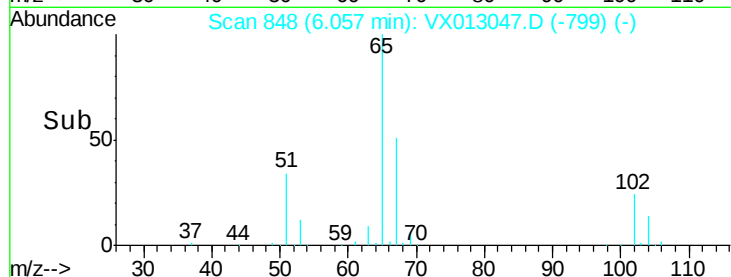
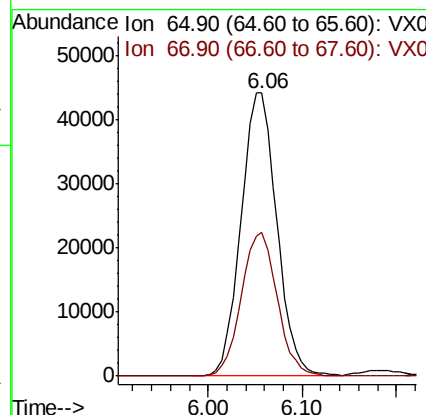
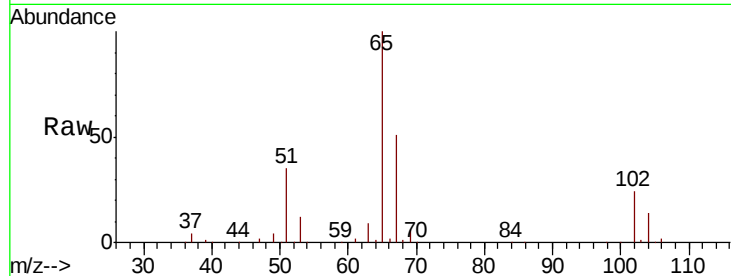




#33
 1,2-Dichloroethane-d4
 Concen: 50.290 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

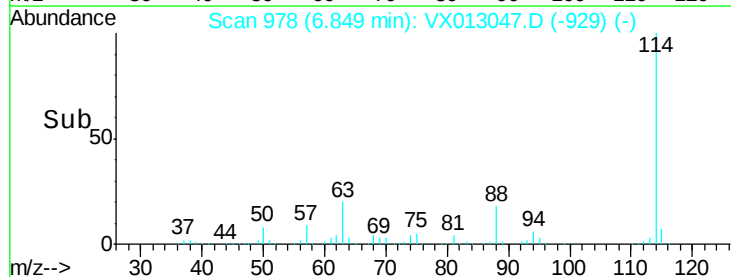
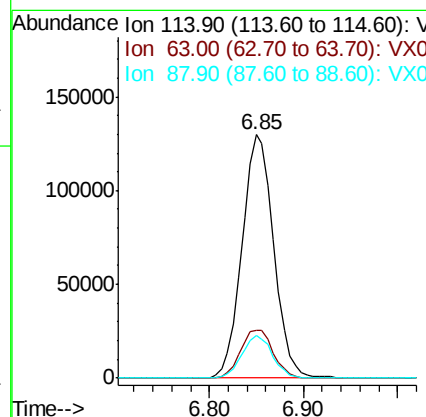
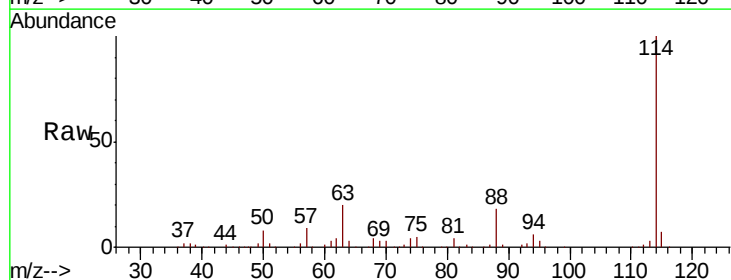
Instrument :
 MSVOA_X
 ClientSampleId :

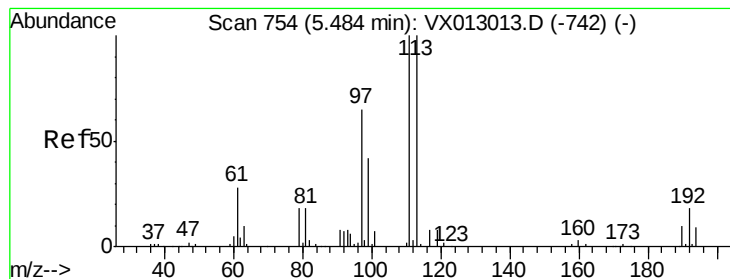
Tot Ion: 65 Resp: 116720
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Tgt Ion: 114 Resp: 304310
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.8
 88 17.6 0.0 33.8





#35

Dibromofluoromethane

Concen: 53.257 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

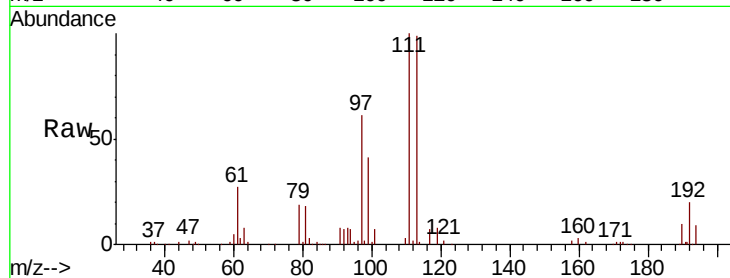
Tot Ion:113 Resp: 93018

Ion Ratio Lower Upper

113 100

111 103.4 83.2 124.8

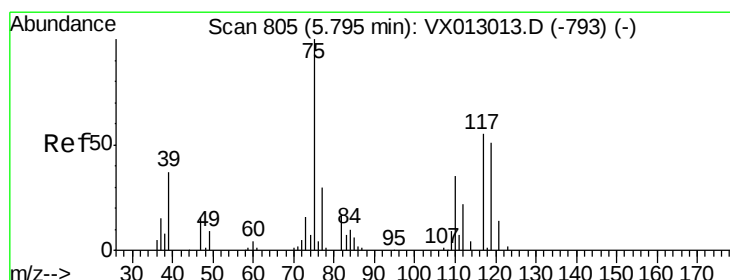
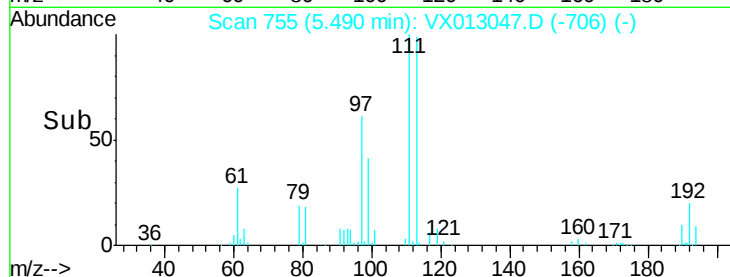
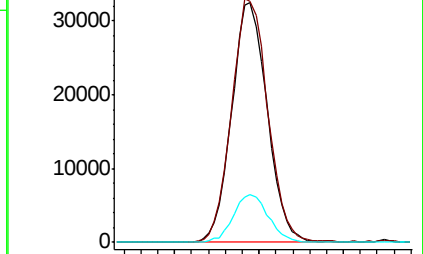
192 19.6 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.072 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

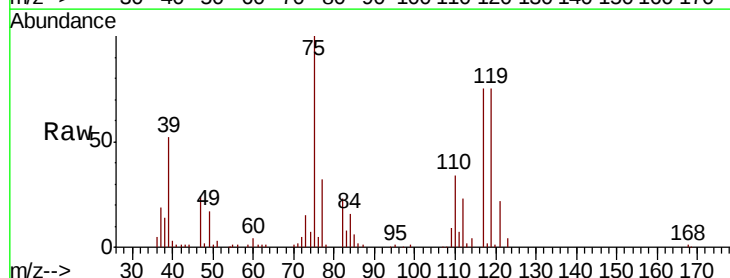
Tgt Ion: 75 Resp: 53704

Ion Ratio Lower Upper

75 100

110 35.3 17.6 52.9

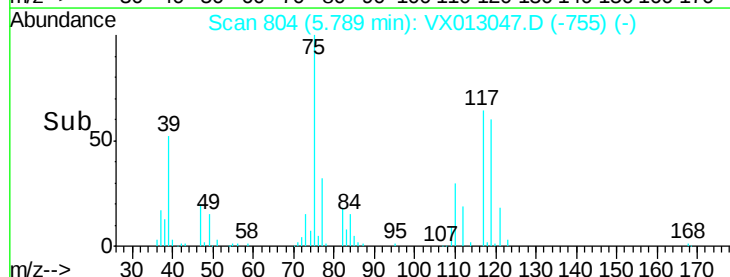
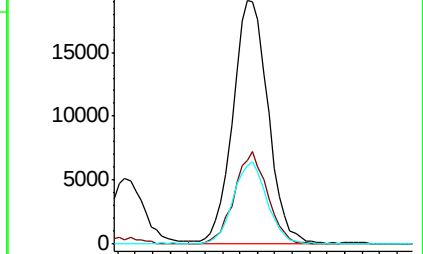
77 32.3 24.4 36.6

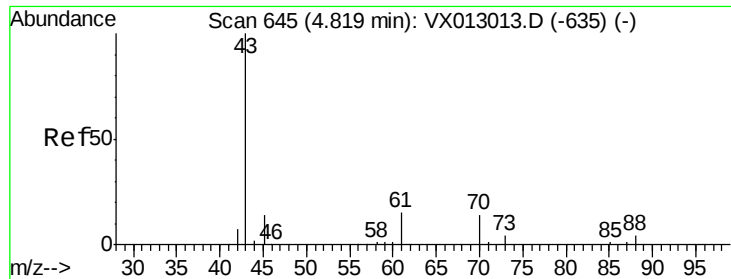


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

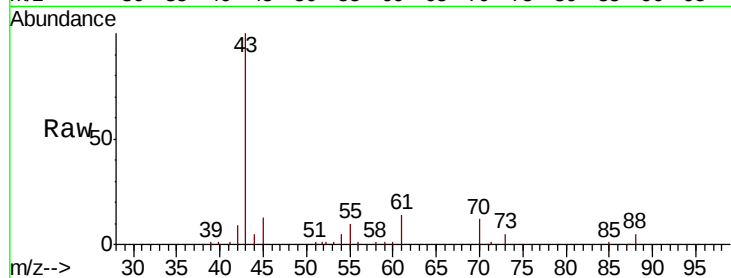




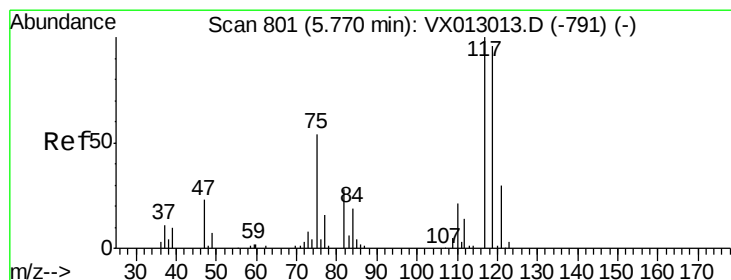
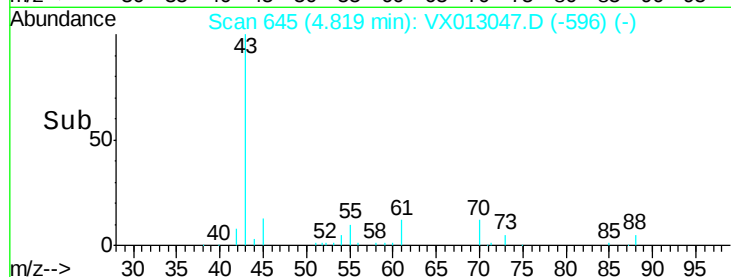
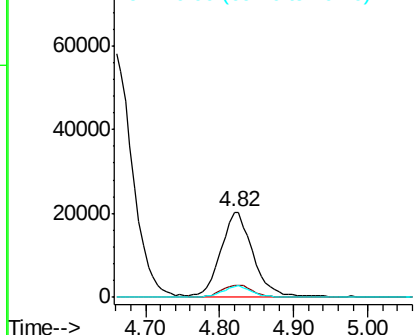
#37
Ethyl Acetate
Concen: 20.078 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 60069
Ion Ratio Lower Upper
43 100
61 14.6 11.4 17.0
70 12.1 9.8 14.6

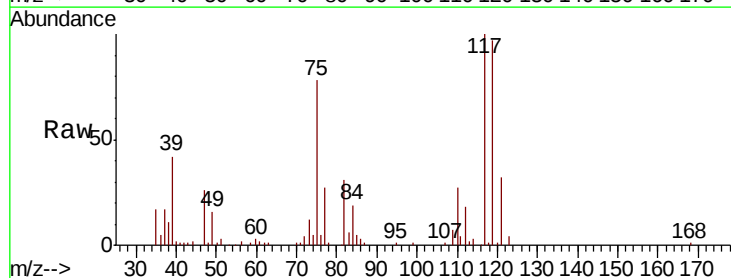


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

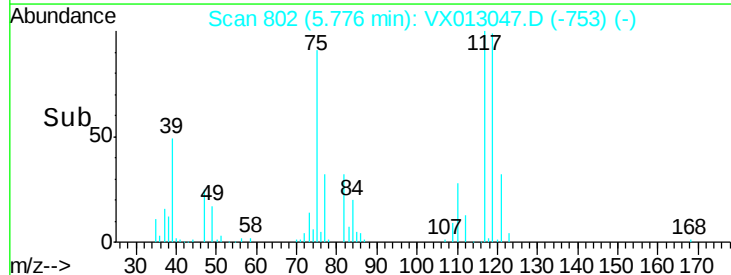
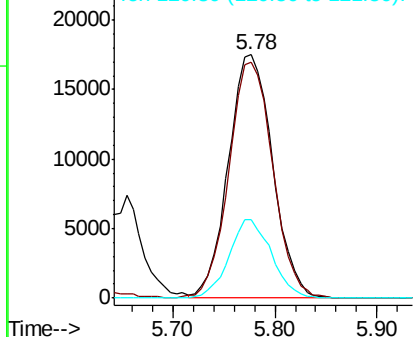


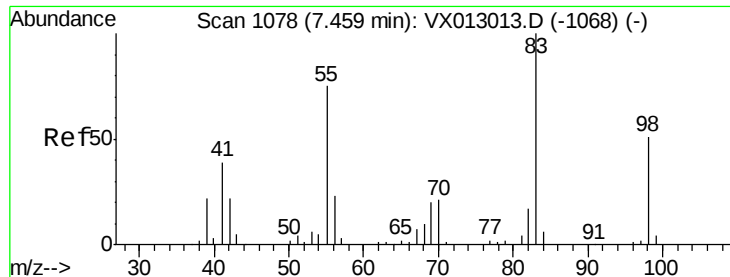
#38
Carbon Tetrachloride
Concen: 20.225 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Tgt Ion: 117 Resp: 52670
Ion Ratio Lower Upper
117 100
119 97.0 74.5 111.7
121 32.4 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

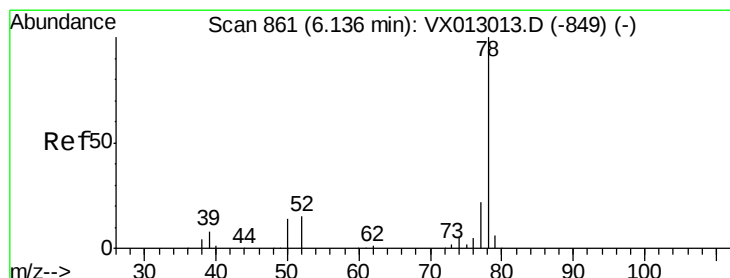
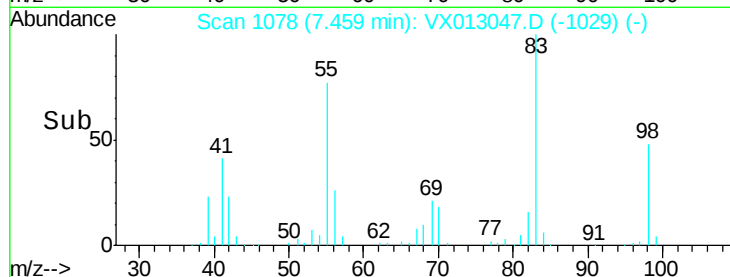
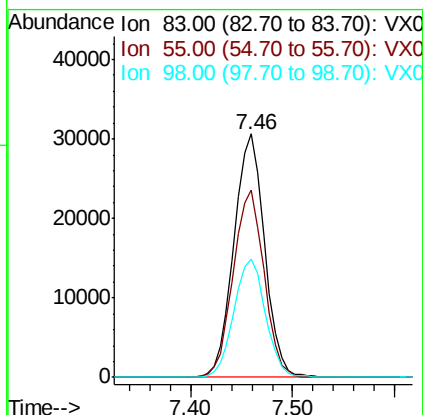
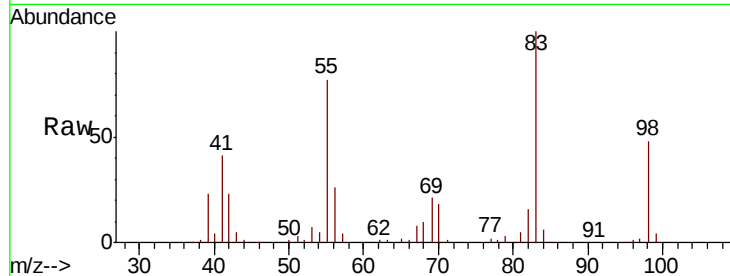




#39
Methvlcvclohexane
Concen: 19.686 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

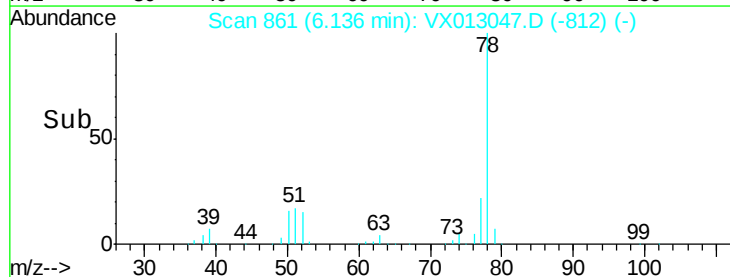
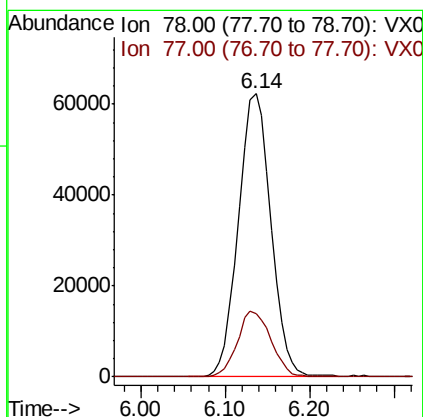
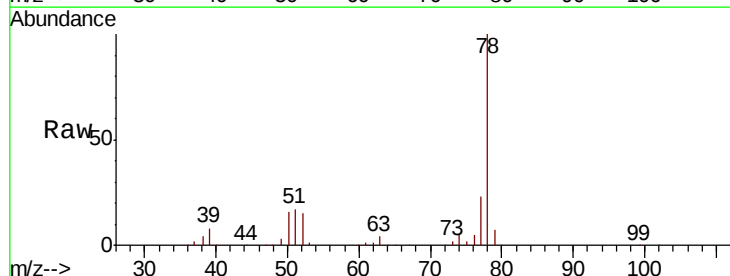
Instrument :
MSVOA_X
ClientSampleId :

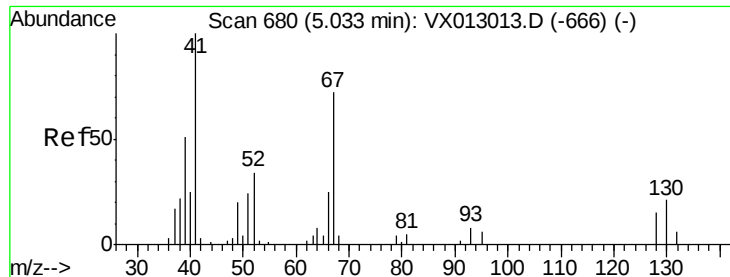
Tot Ion: 83 Resp: 63875
Ion Ratio Lower Upper
83 100
55 76.9 60.2 90.4
98 48.4 38.5 57.7



#40
Benzene
Concen: 20.600 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Tgt Ion: 78 Resp: 162782
Ion Ratio Lower Upper
78 100
77 22.5 19.0 28.4





#41

Methacrylonitrile

Concen: 20.255 ug/l

RT: 5.03 min Scan# 680

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 33298

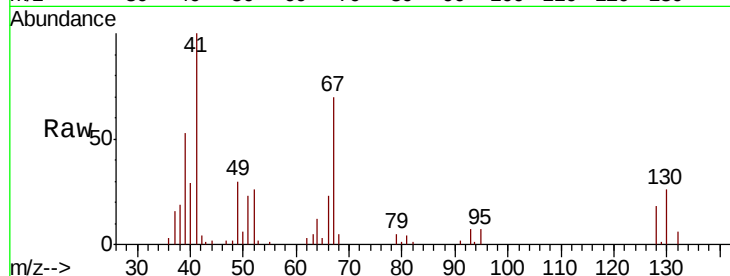
Ion Ratio Lower Upper

41 100

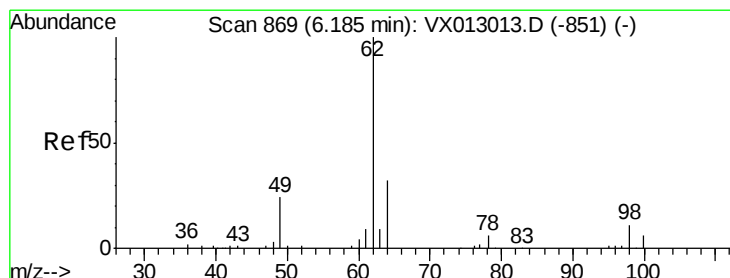
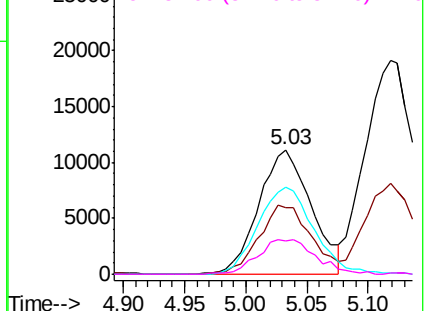
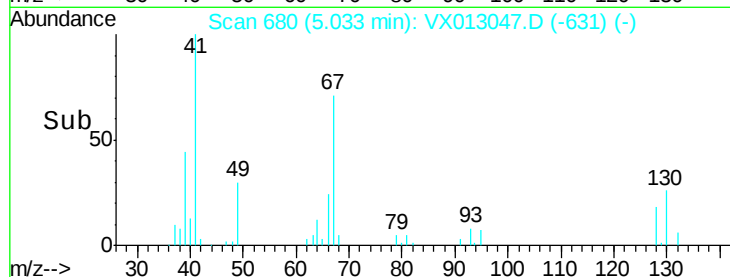
39 54.9 44.0 66.0

67 74.2 58.5 87.7

52 30.6 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.274 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX013047.D

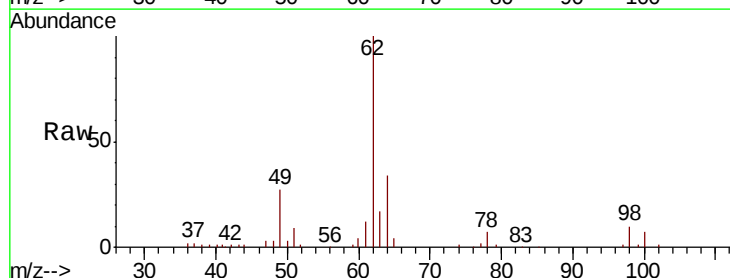
Acq: 14 Oct 2019 13:22

Tgt Ion: 62 Resp: 57487

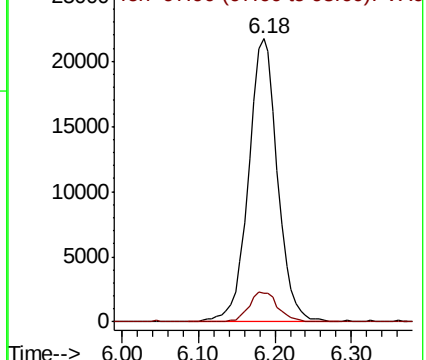
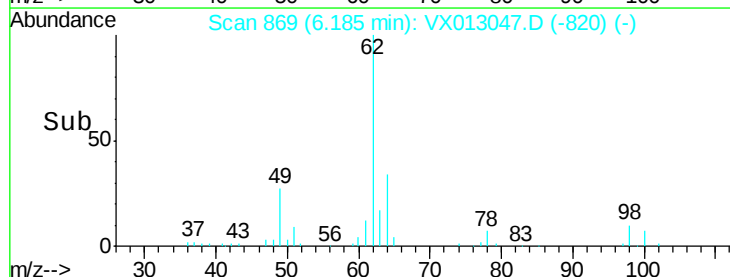
Ion Ratio Lower Upper

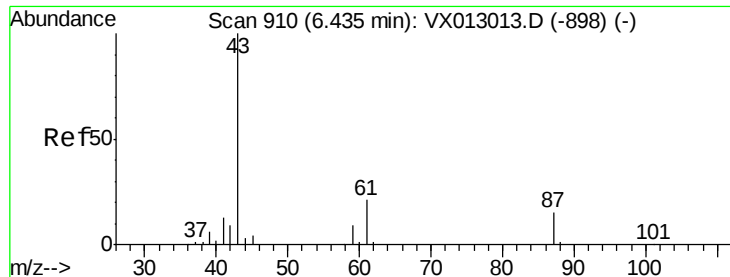
62 100

98 10.5 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.252 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

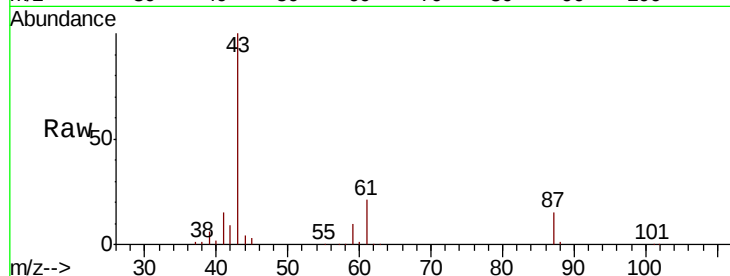
Tot Ion: 43 Resp: 97245

Ion Ratio Lower Upper

43 100

61 21.1 16.6 24.8

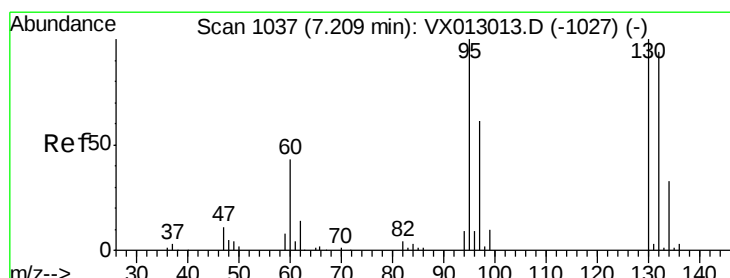
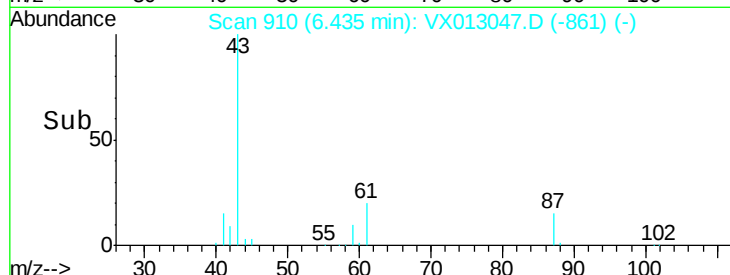
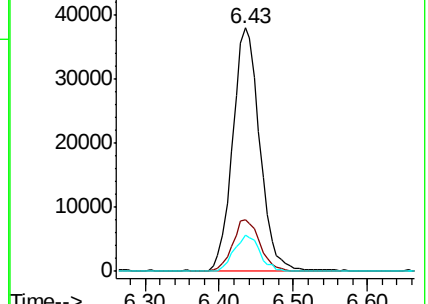
87 14.2 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.451 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX013047.D

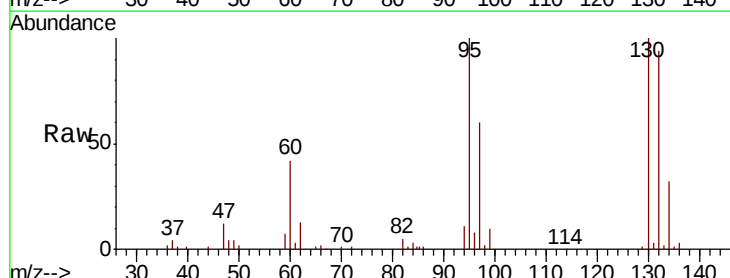
Acq: 14 Oct 2019 13:22

Tgt Ion: 130 Resp: 42622

Ion Ratio Lower Upper

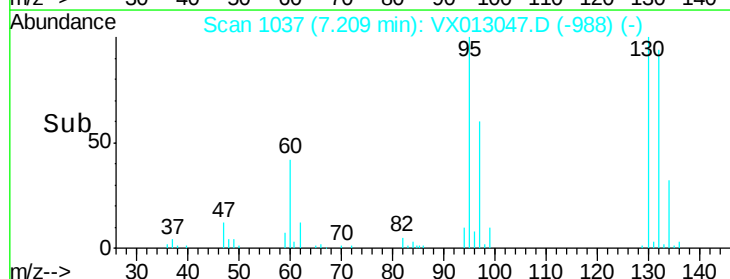
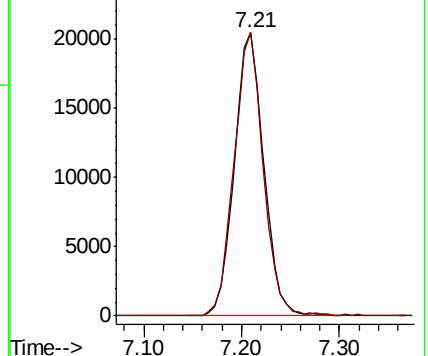
130 100

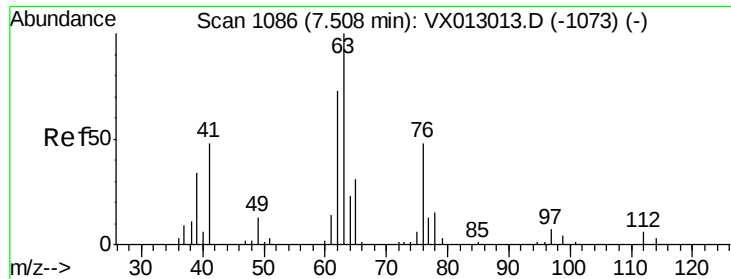
95 100.0 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.771 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

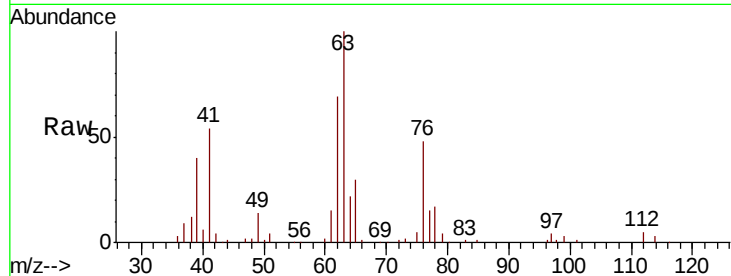
ClientSampled :

Tot Ion: 63 Resp: 41832

Ion Ratio Lower Upper

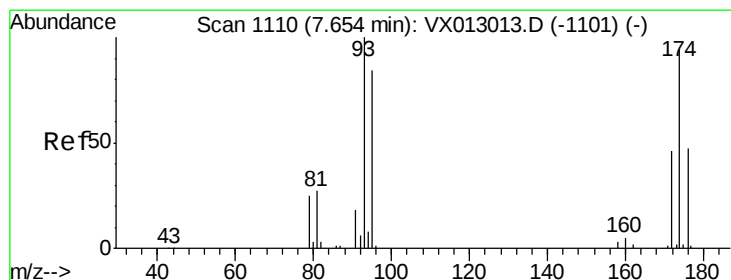
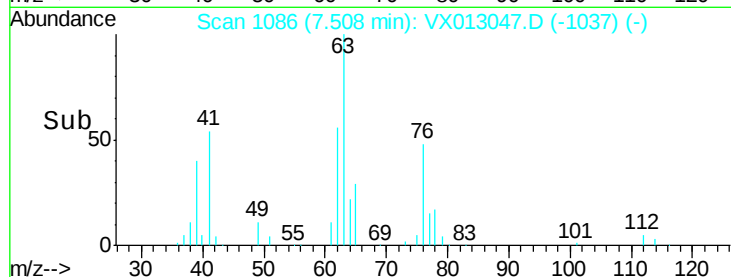
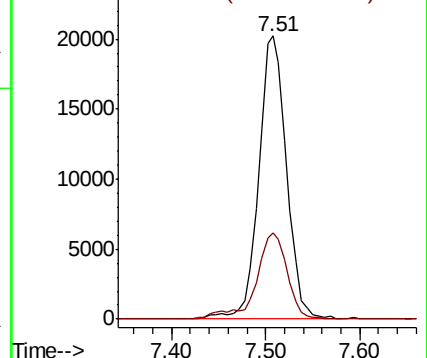
63 100

65 30.3 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 21.270 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

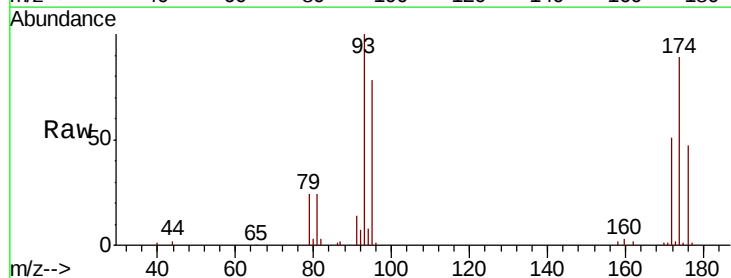
Tgt Ion: 93 Resp: 28541

Ion Ratio Lower Upper

93 100

95 81.3 66.3 99.5

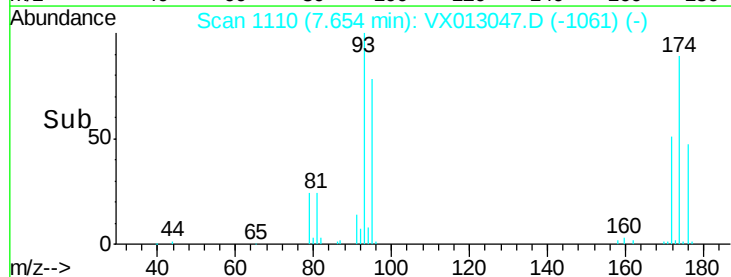
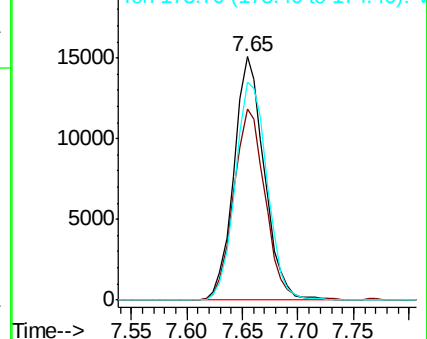
174 94.2 77.8 116.6

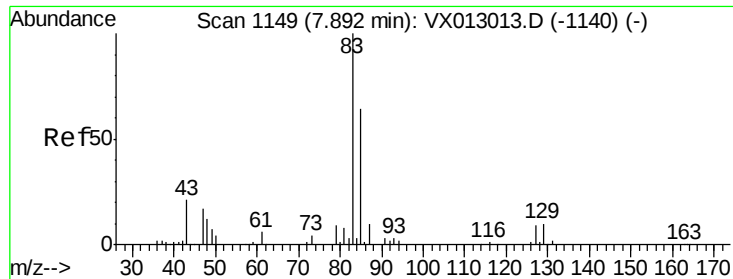


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.589 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :
MSVOA_X
ClientSampled :

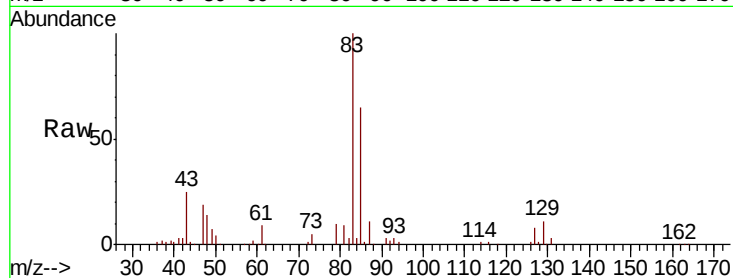
Tot Ion: 83 Resp: 53914

Ion Ratio Lower Upper

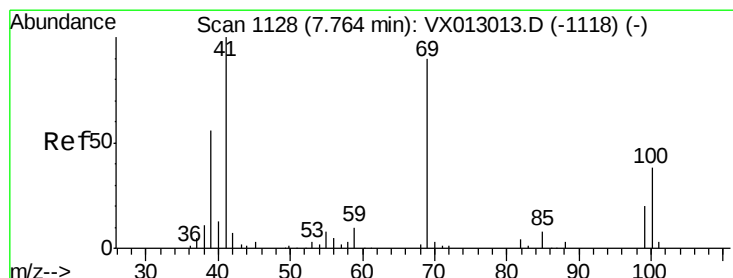
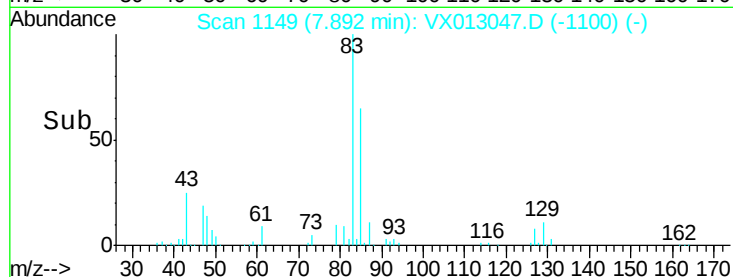
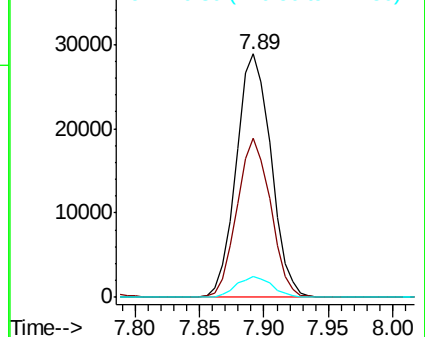
83 100

85 65.2 52.4 78.6

127 8.5 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.883 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

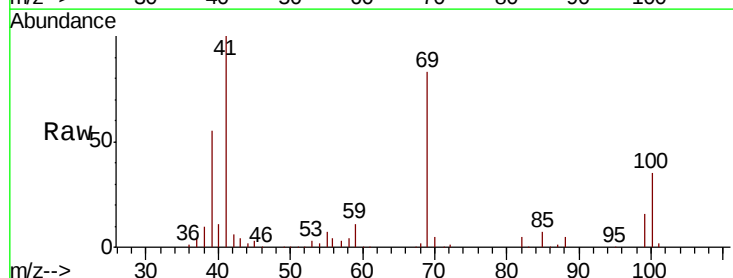
Tgt Ion: 41 Resp: 46527

Ion Ratio Lower Upper

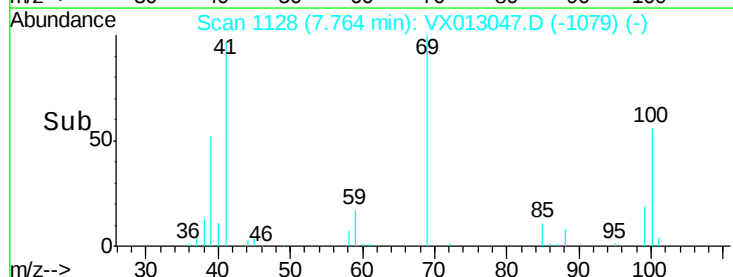
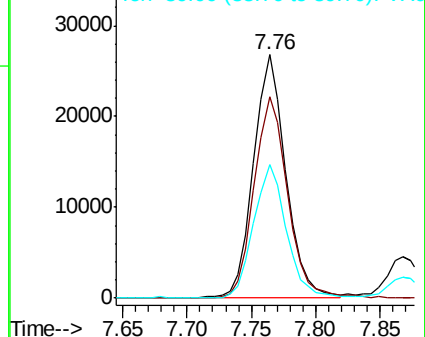
41 100

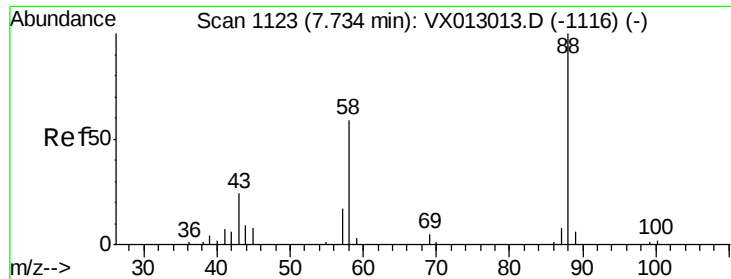
69 86.0 68.7 103.1

39 55.9 44.3 66.5



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

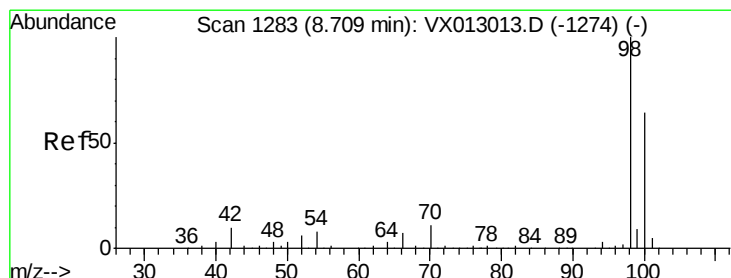
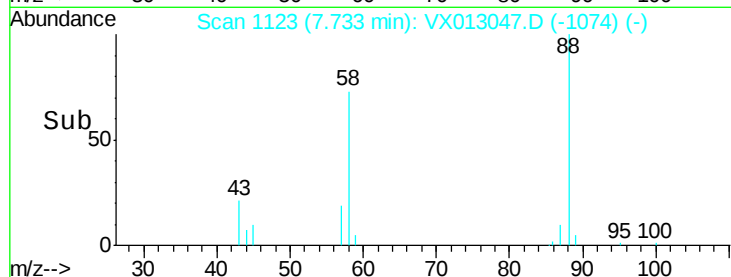
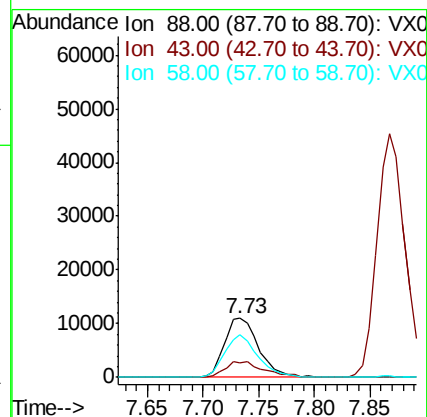
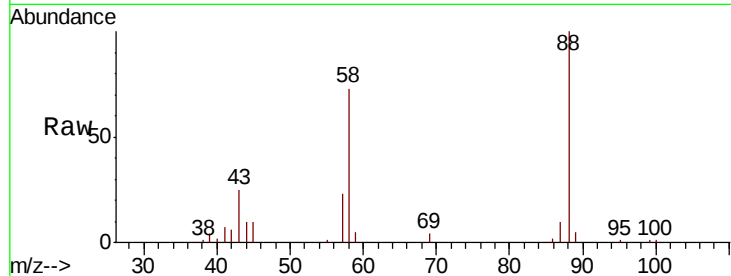




#49
1,4-Dioxane
Concen: 392.809 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

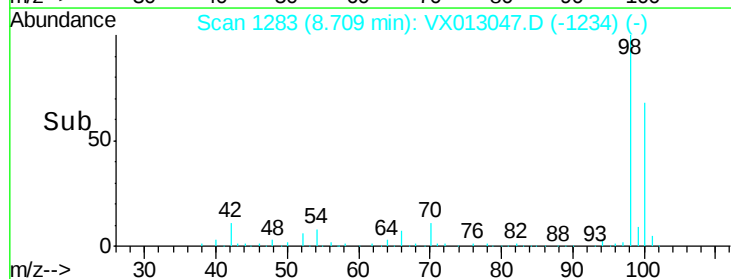
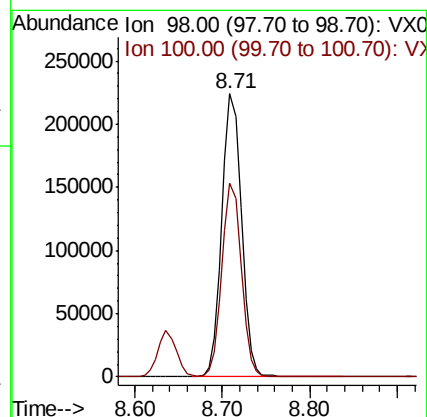
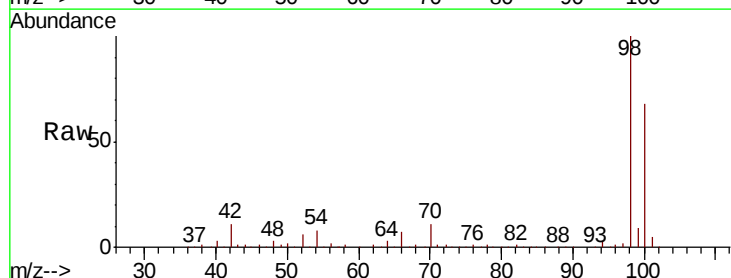
Instrument :
MSVOA_X
ClientSampled :

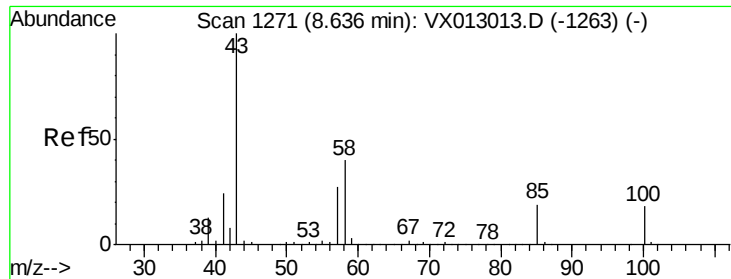
Tot Ion: 88 Resp: 23280
Ion Ratio Lower Upper
88 100
43 31.0 25.0 37.6
58 70.1 55.4 83.2



#50
Toluene-d8
Concen: 51.412 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Tgt Ion: 98 Resp: 350225
Ion Ratio Lower Upper
98 100
100 67.4 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 102.361 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

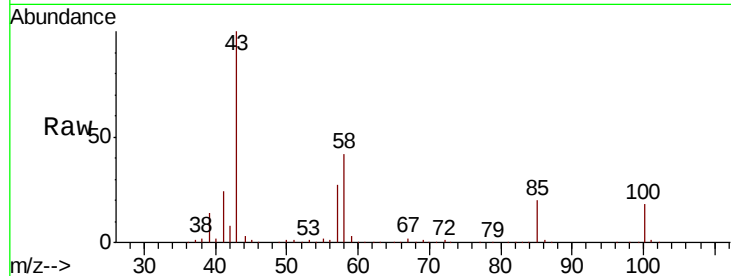
ClientSampleId :

Tot Ion: 43 Resp: 306452

Ion Ratio Lower Upper

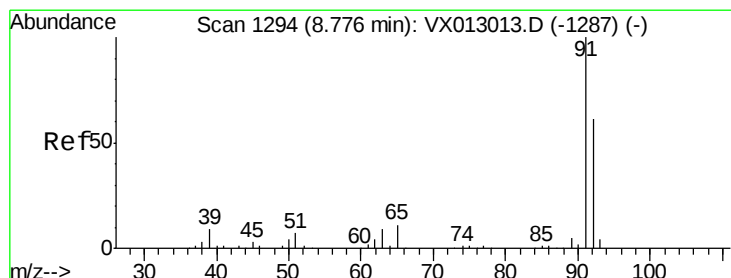
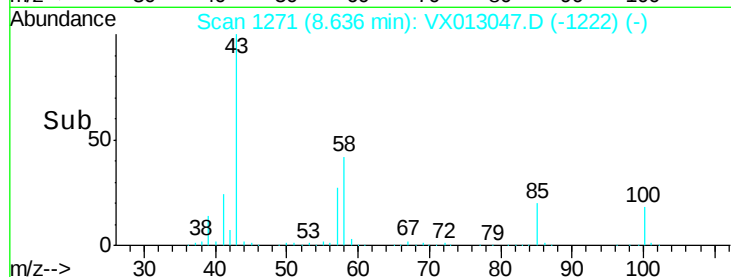
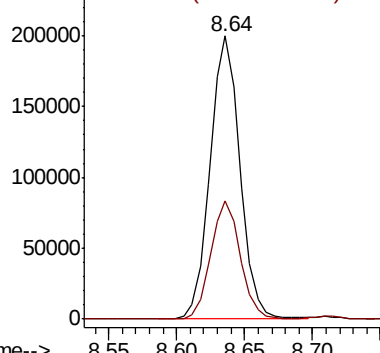
43 100

58 41.1 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.701 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013047.D

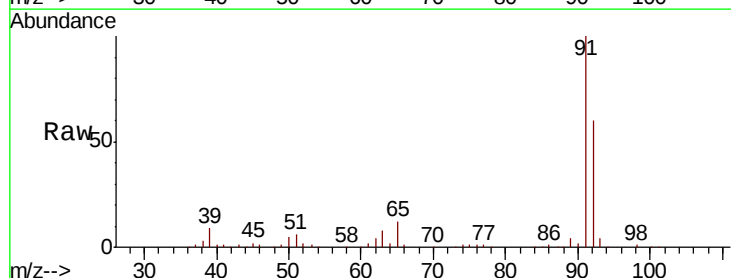
Acq: 14 Oct 2019 13:22

Tgt Ion: 92 Resp: 104652

Ion Ratio Lower Upper

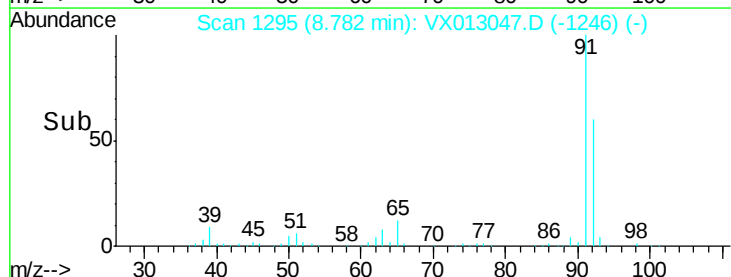
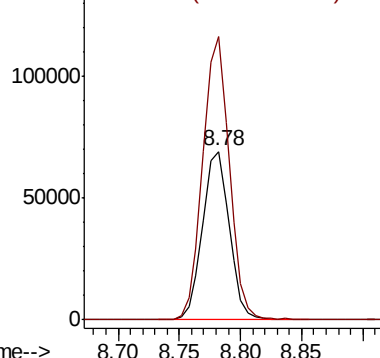
92 100

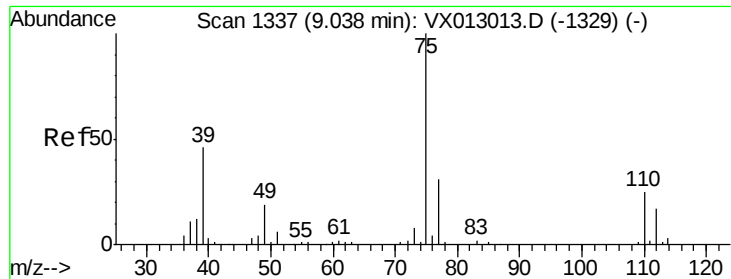
91 167.1 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

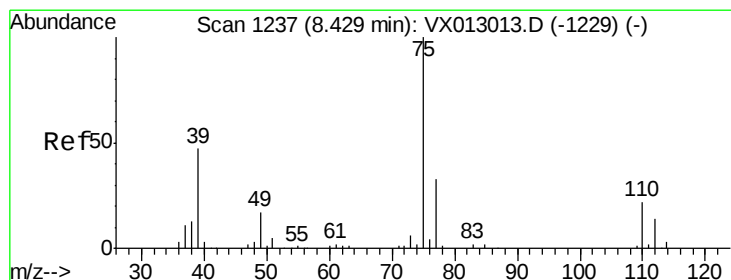
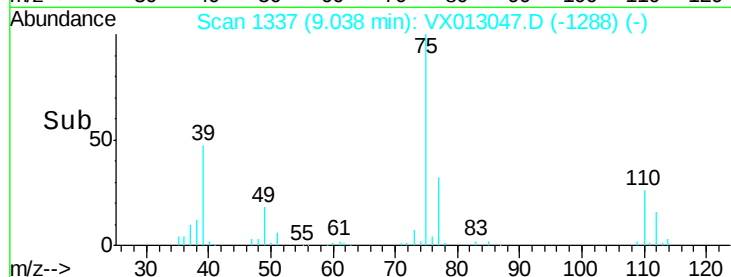
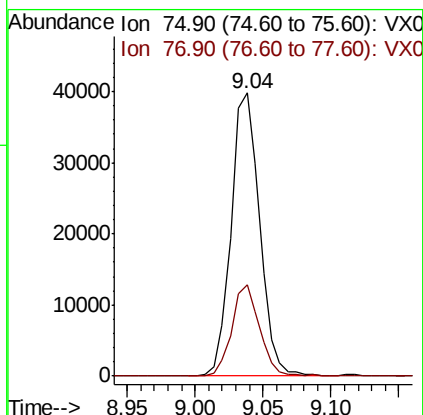
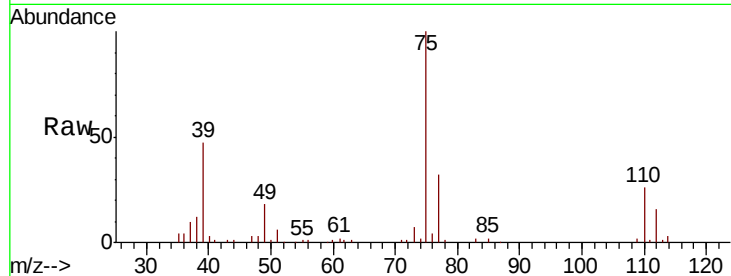




#53
 t-1,3-Dichloropropene
 Concen: 19.192 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

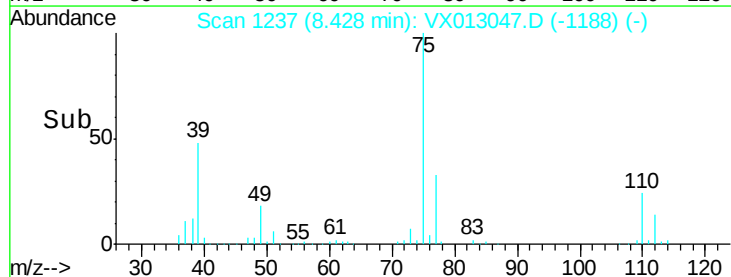
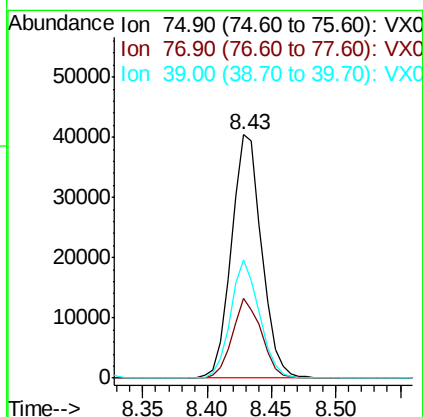
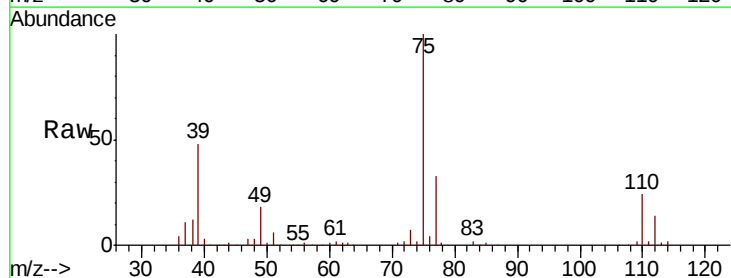
Instrument :
 MSVOA_X
 ClientSampleId :

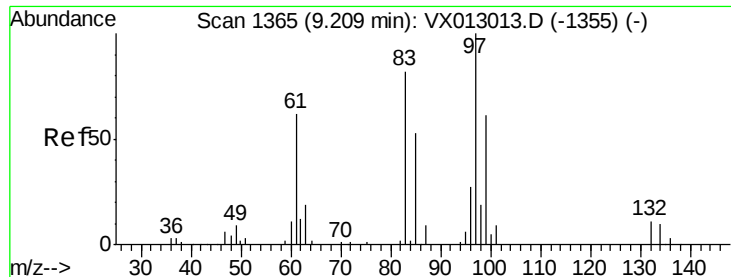
Tot Ion: 75 Resp: 58154
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 20.562 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Tgt Ion: 75 Resp: 66223
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.8 38.8
 39 48.3 38.2 57.2

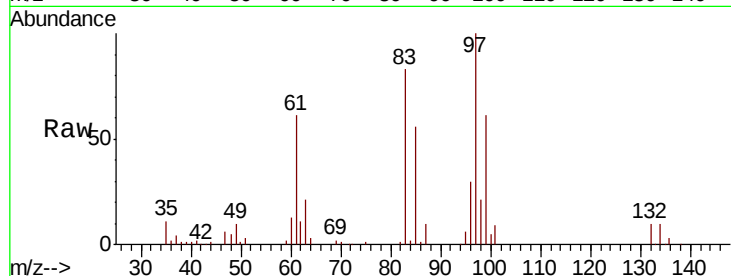




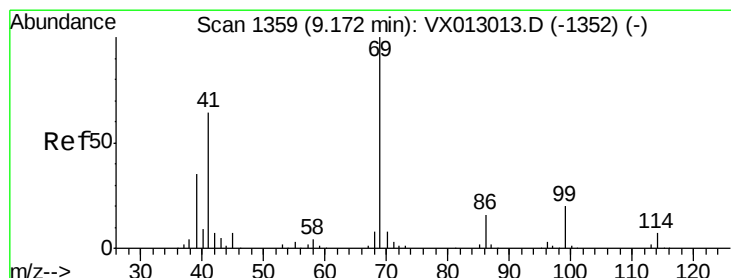
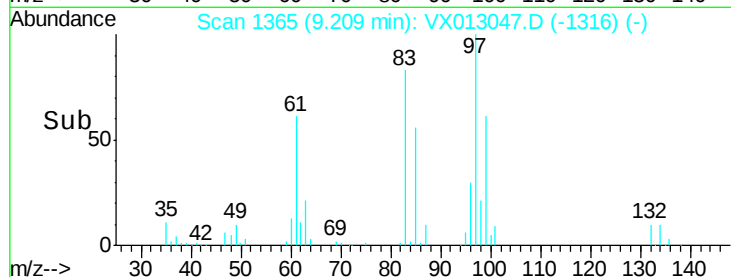
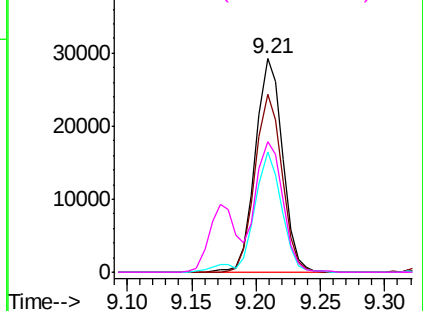
#55
 1,1,2-Trichloroethane
 Concen: 21.289 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	42592
Ion	Ratio	Lower	Upper
97	100		
83	83.5	66.5	99.7
85	56.2	43.1	64.7
99	60.8	49.2	73.8

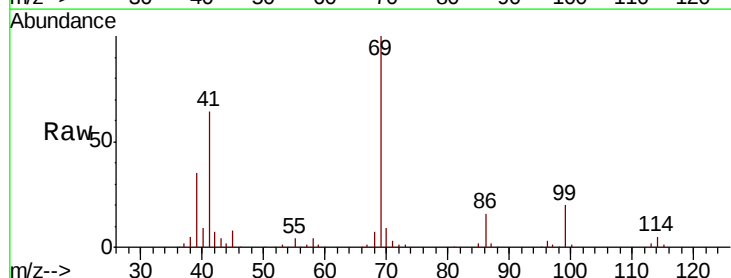


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

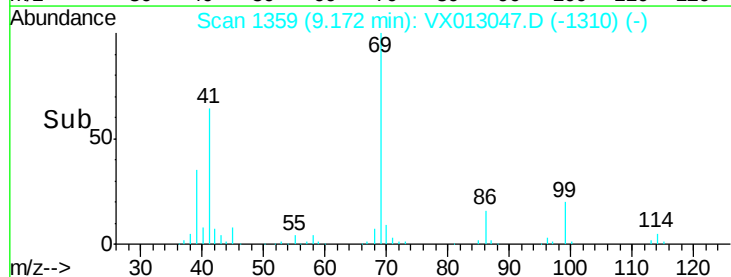
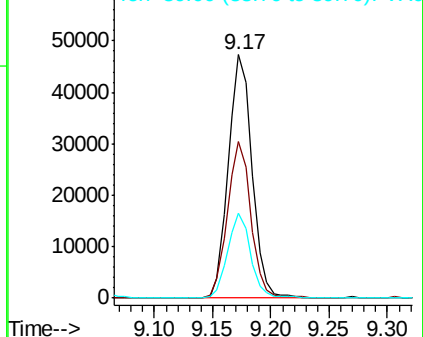


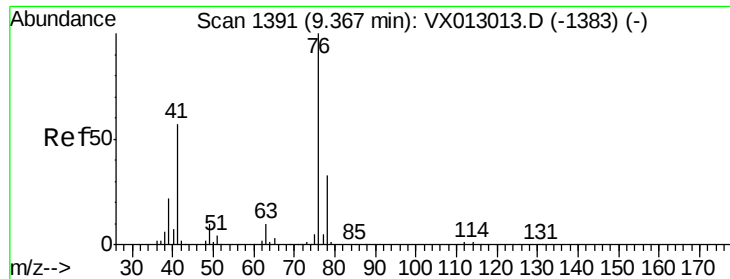
#56
 Ethyl methacrylate
 Concen: 19.922 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Tgt Ion:	69	Resp:	67274
Ion	Ratio	Lower	Upper
69	100		
41	63.9	52.1	78.1
39	34.1	27.8	41.8



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.529 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

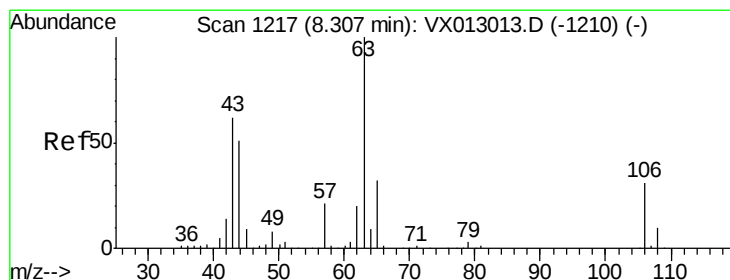
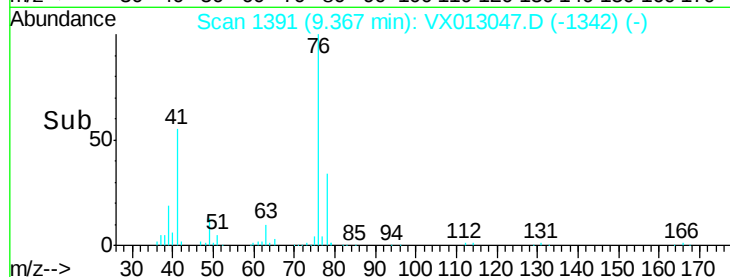
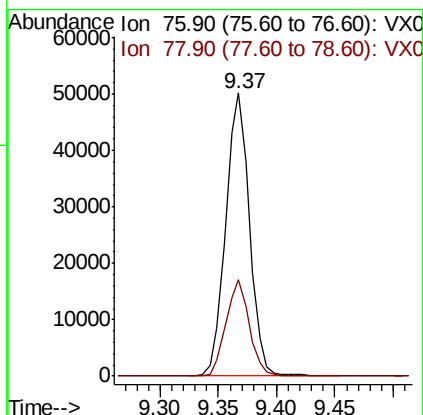
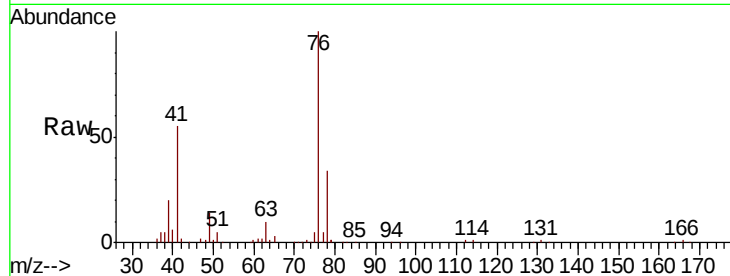
ClientSampled :

Tot Ion: 76 Resp: 71045

Ion Ratio Lower Upper

76 100

78 33.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 105.070 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013047.D

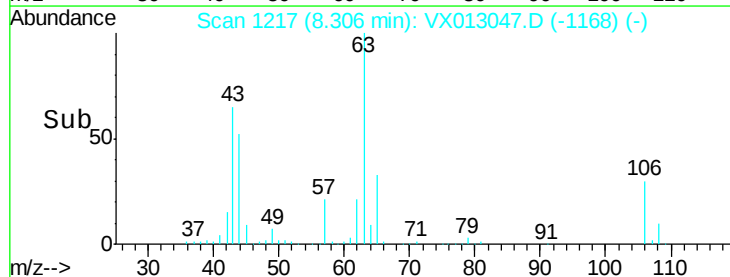
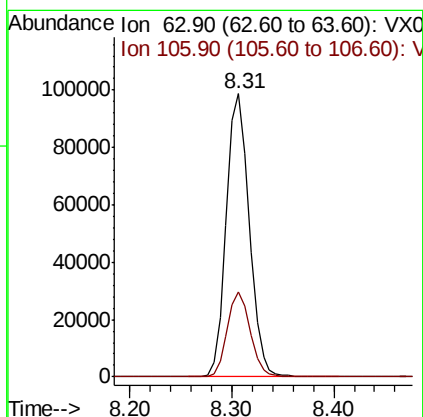
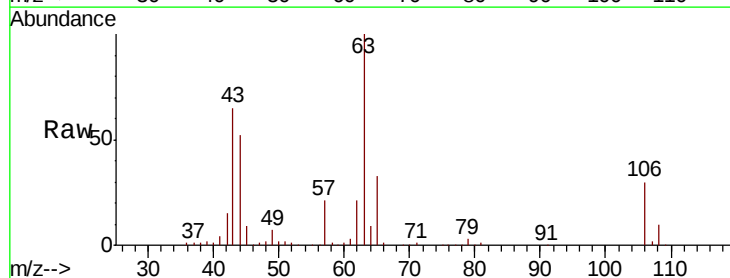
Acq: 14 Oct 2019 13:22

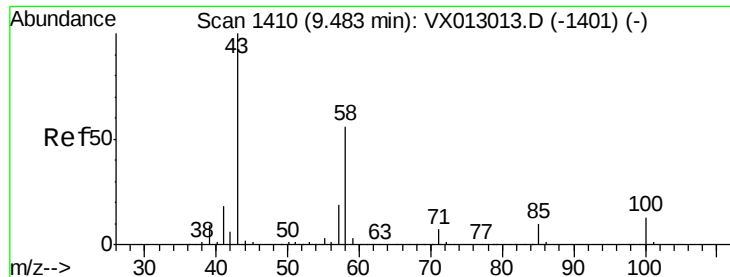
Tgt Ion: 63 Resp: 154424

Ion Ratio Lower Upper

63 100

106 29.9 23.8 35.8

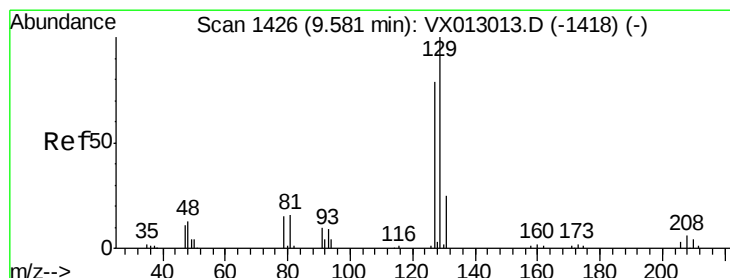
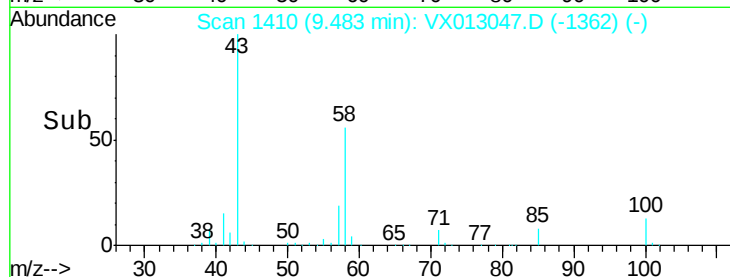
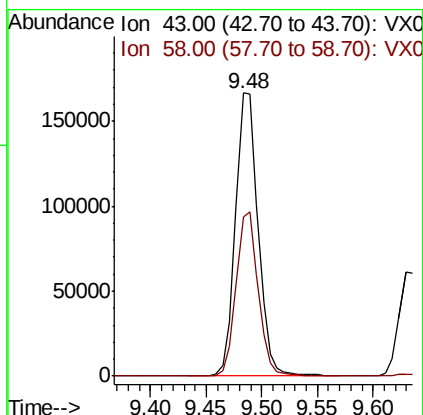
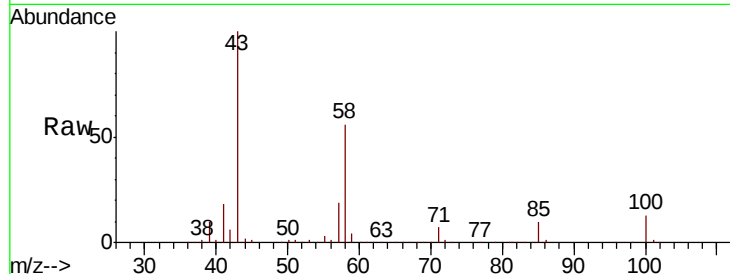




#59
2-Hexanone
Concen: 101.042 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

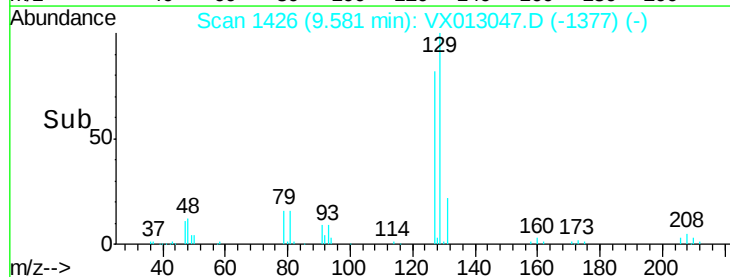
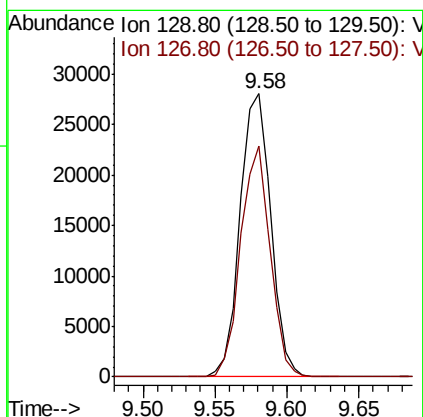
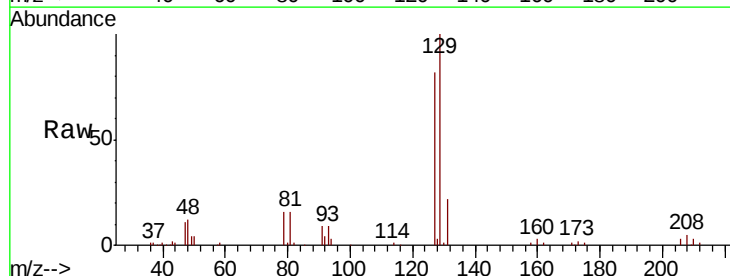
Instrument :
MSVOA_X
ClientSampleId :

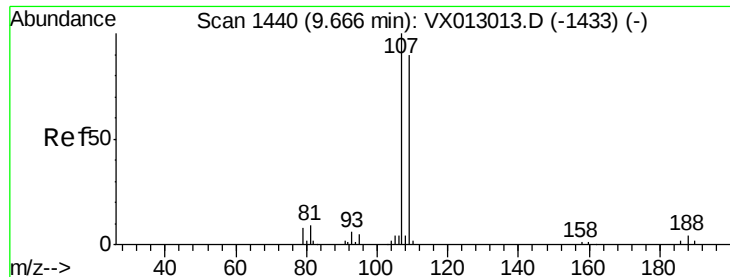
Tot Ion: 43 Resp: 235478
Ion Ratio Lower Upper
43 100
58 56.8 28.1 84.3



#60
Dibromochloromethane
Concen: 19.788 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Tgt Ion:129 Resp: 41461
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.7





#61

1,2-Dibromoethane

Concen: 20.627 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

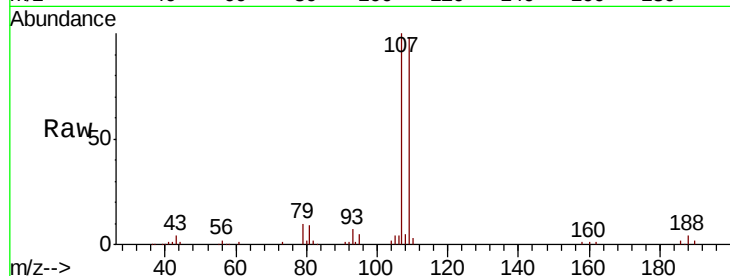
ClientSampleId :

Tot Ion:107 Resp: 43411

Ion Ratio Lower Upper

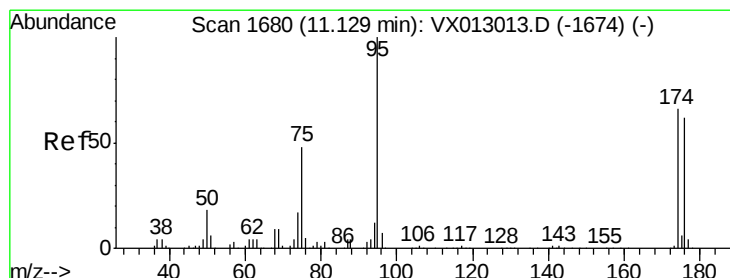
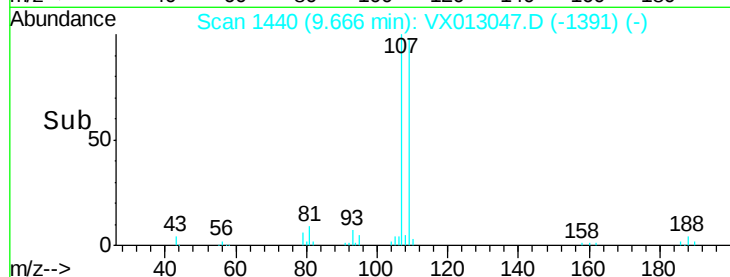
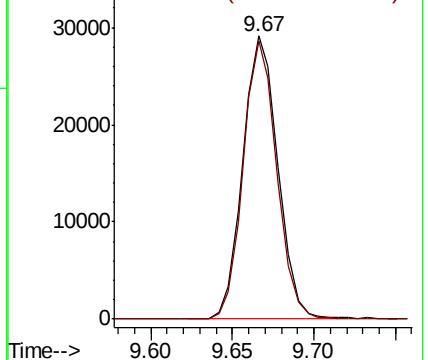
107 100

109 94.6 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.656 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

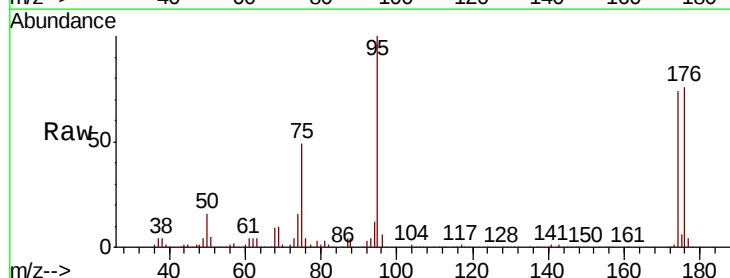
Tgt Ion: 95 Resp: 128787

Ion Ratio Lower Upper

95 100

174 75.1 0.0 143.4

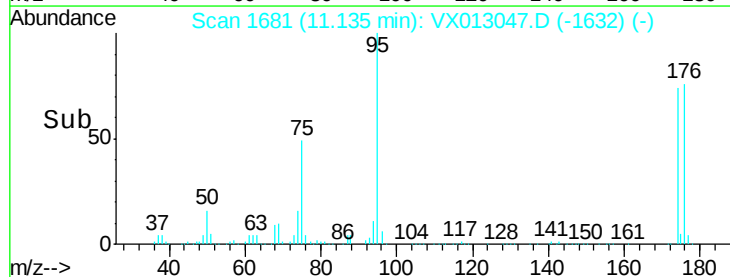
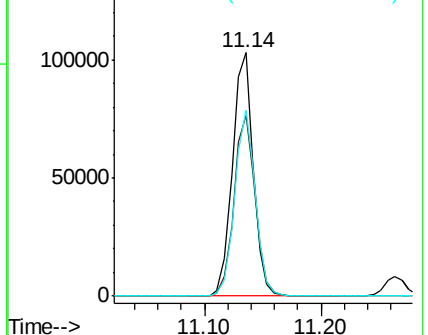
176 75.0 0.0 136.0

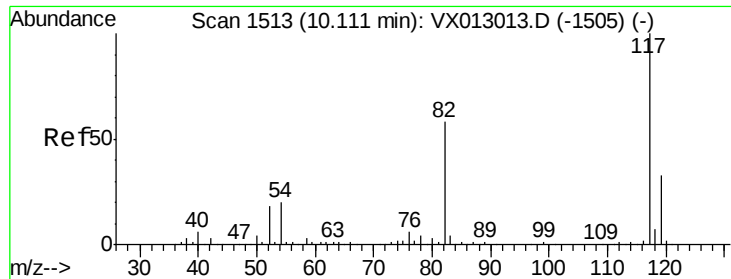


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

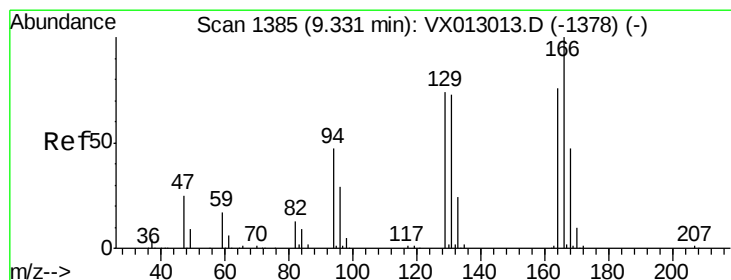
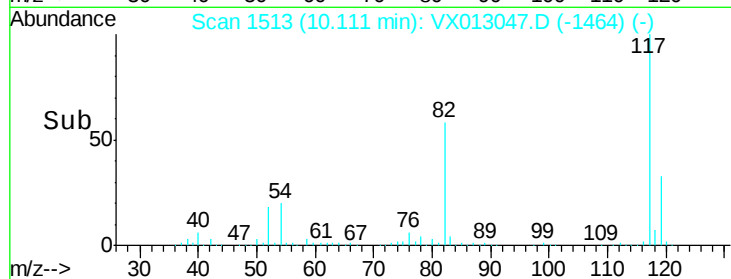
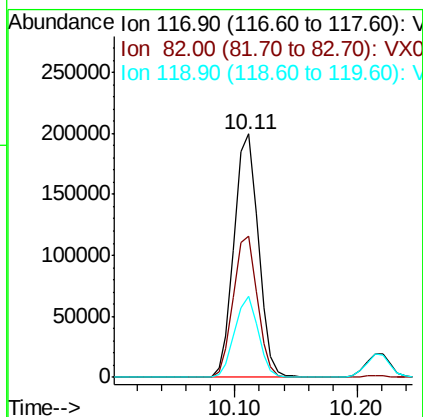
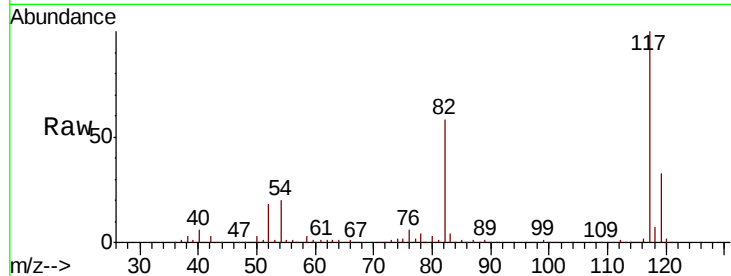




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

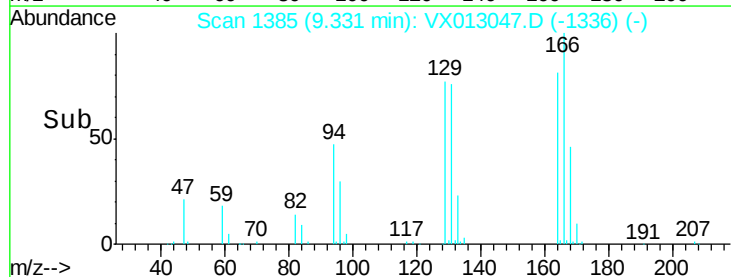
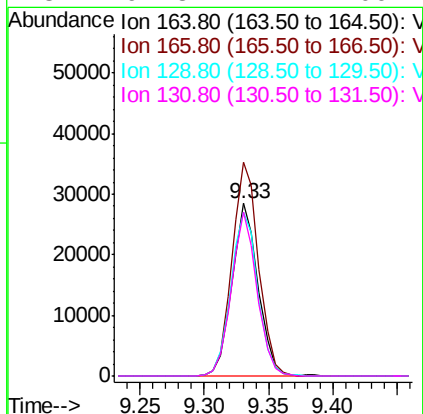
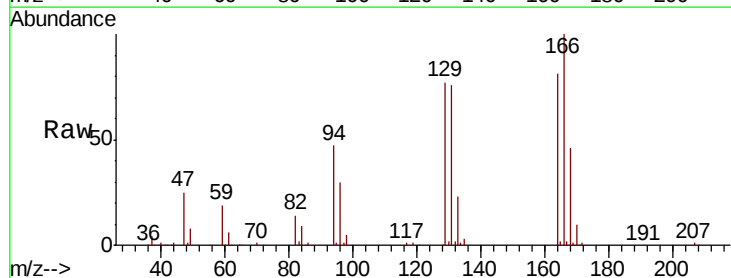
Instrument :
MSVOA_X
ClientSampleId :

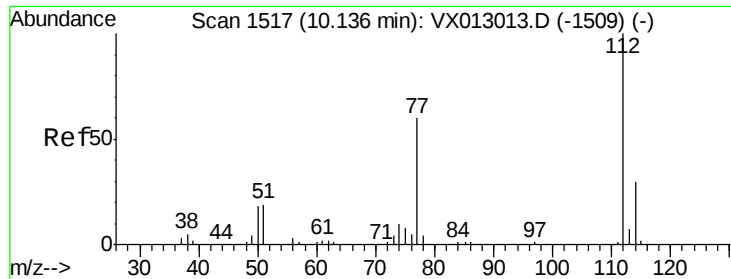
Tot Ion:117 Resp: 274406
Ion Ratio Lower Upper
117 100
82 58.0 44.1 66.1
119 33.5 25.8 38.8



#64
Tetrachloroethene
Concen: 21.046 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Tgt Ion:164 Resp: 40056
Ion Ratio Lower Upper
164 100
166 124.0 96.9 145.3
129 95.0 77.9 116.9
131 94.8 72.7 109.1

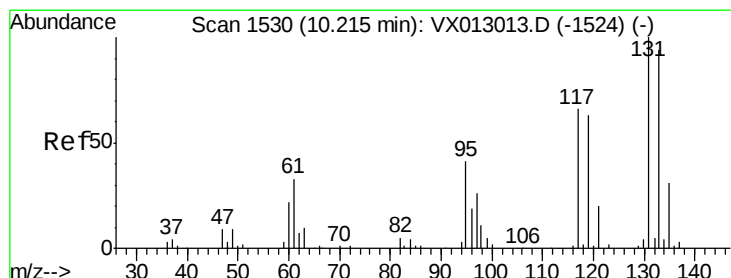
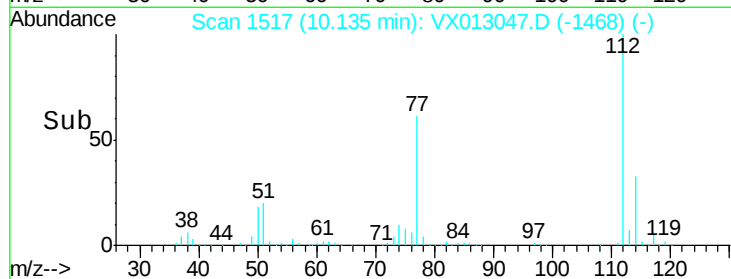
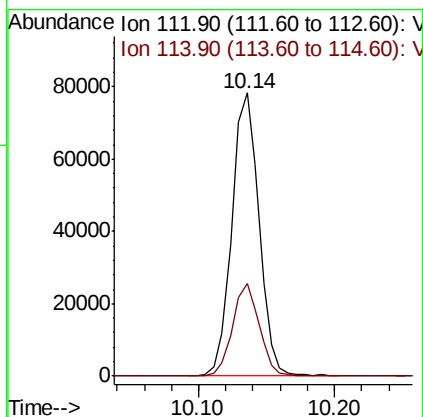
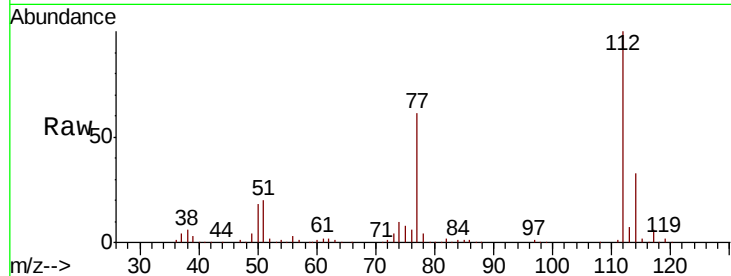




#65
Chlorobenzene
Concen: 19.936 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

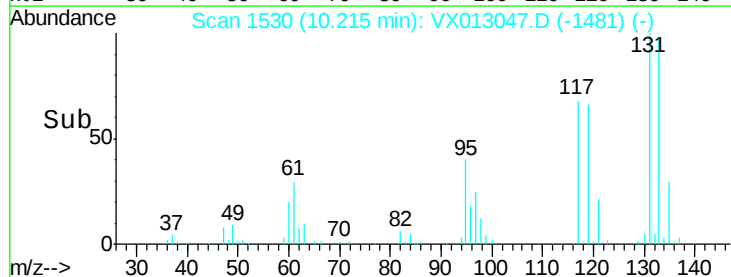
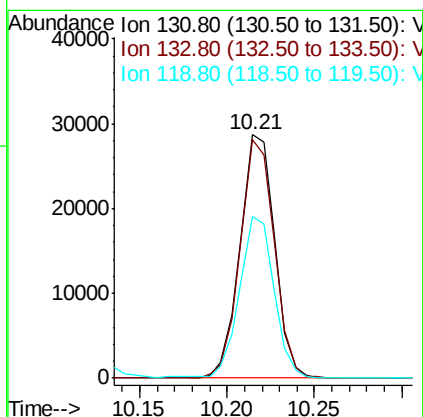
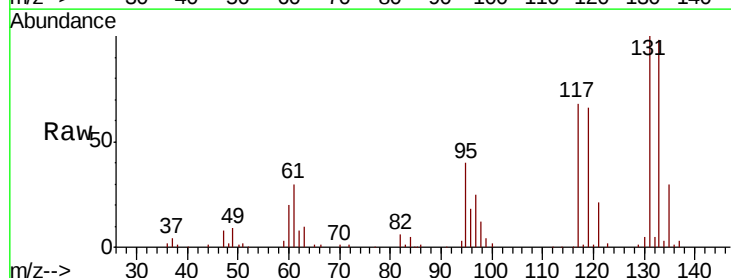
Instrument :
MSVOA_X
ClientSampled :

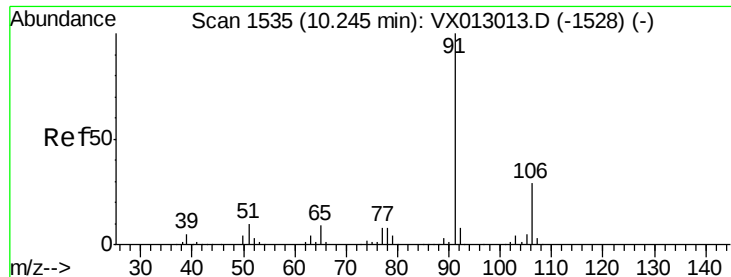
Tot Ion:112 Resp: 108636
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.906 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Tgt Ion:131 Resp: 39499
Ion Ratio Lower Upper
131 100
133 96.6 47.2 141.6
119 66.1 32.6 98.0





#67

Ethyl Benzene

Concen: 20.215 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

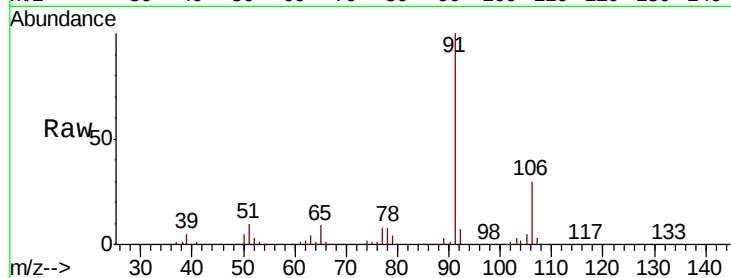
ClientSampleId :

Tot Ion: 91 Resp: 195671

Ion Ratio Lower Upper

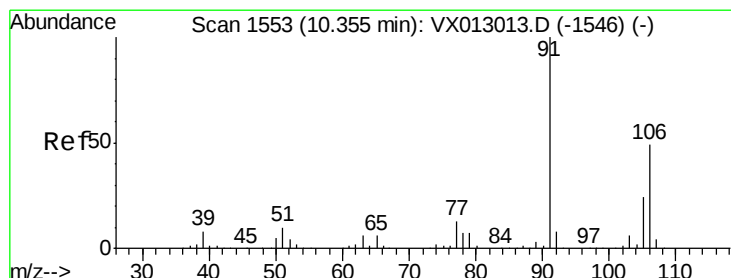
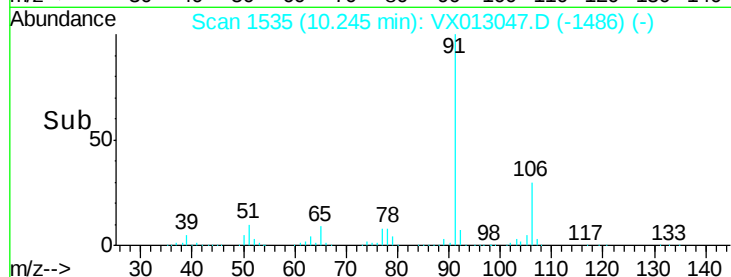
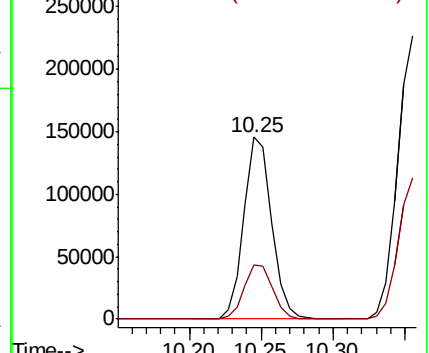
91 100

106 30.0 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.287 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013047.D

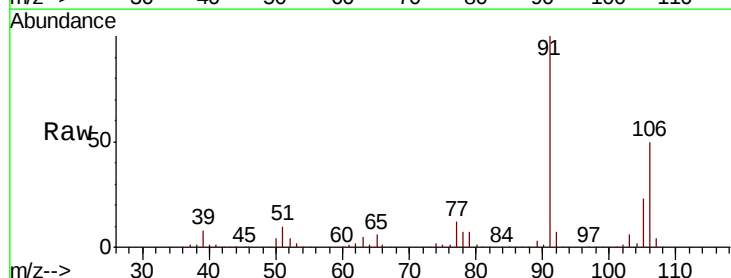
Acq: 14 Oct 2019 13:22

Tgt Ion: 106 Resp: 149298

Ion Ratio Lower Upper

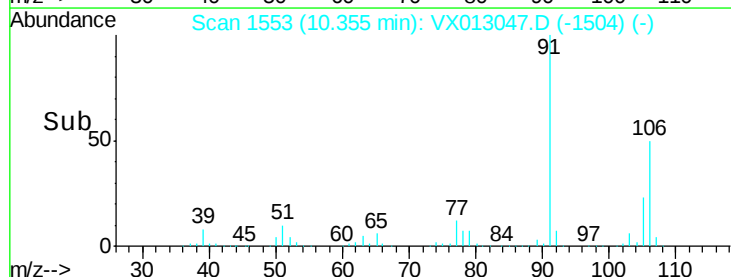
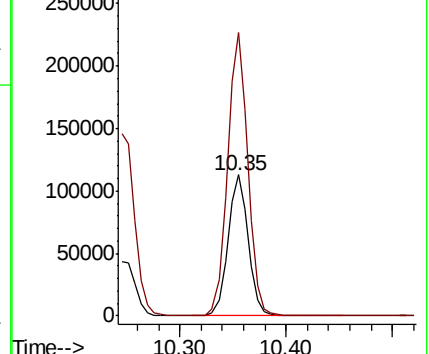
106 100

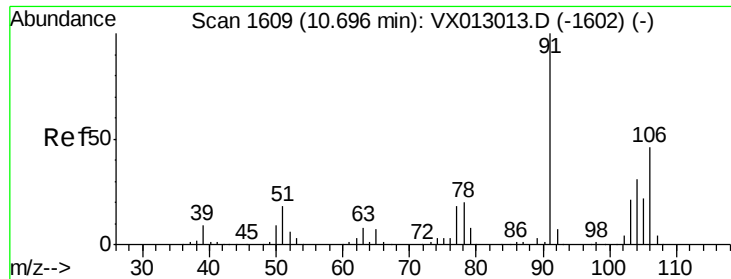
91 201.4 165.3 247.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

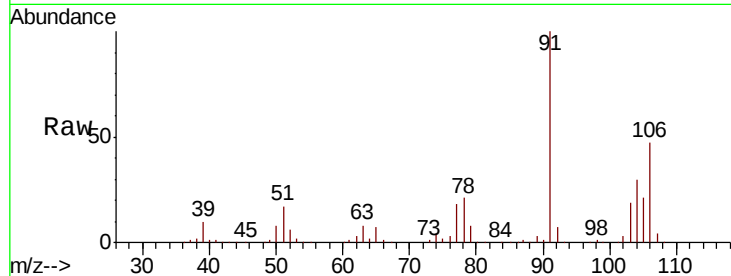




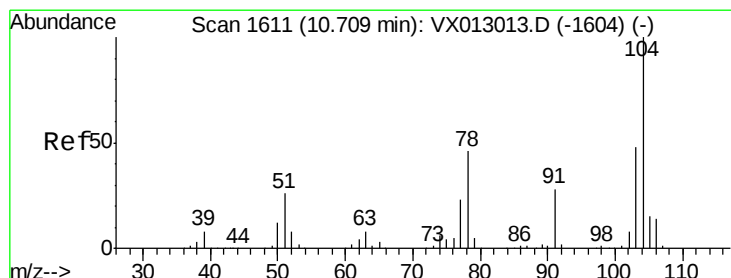
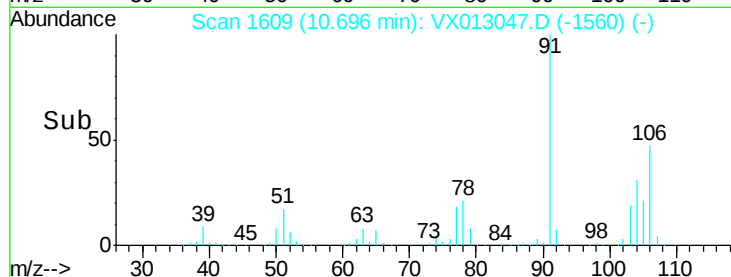
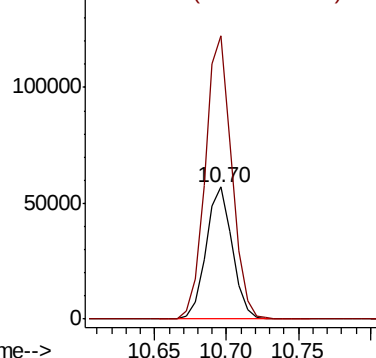
#69
o-Xylene
Concen: 20.567 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 72527
Ion Ratio Lower Upper
106 100
91 216.0 109.1 327.3

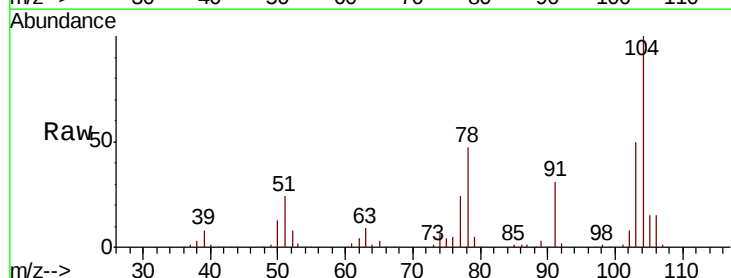


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

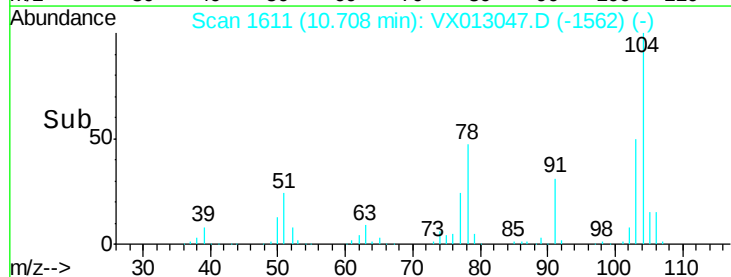
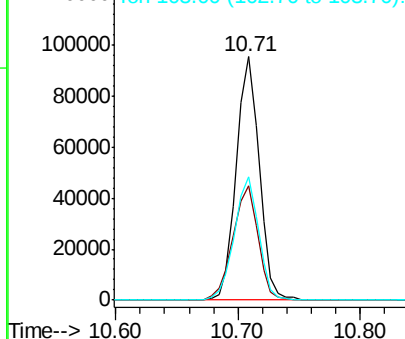


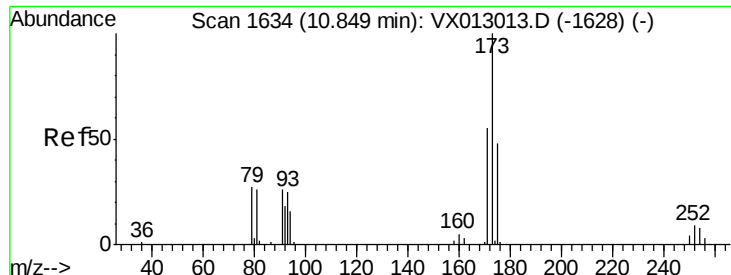
#70
Styrene
Concen: 20.641 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Tgt Ion:104 Resp: 123741
Ion Ratio Lower Upper
104 100
78 51.5 41.2 61.8
103 53.8 43.0 64.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.974 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

ClientSampled :

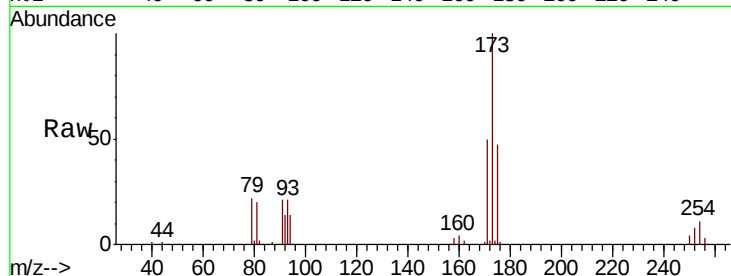
Tot Ion:173 Resp: 27202

Ion Ratio Lower Upper

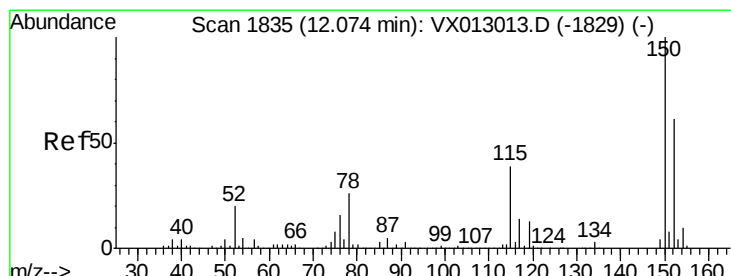
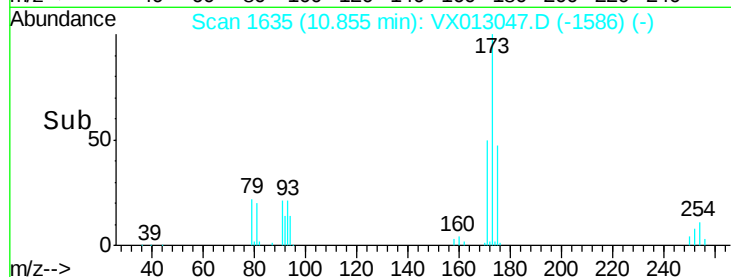
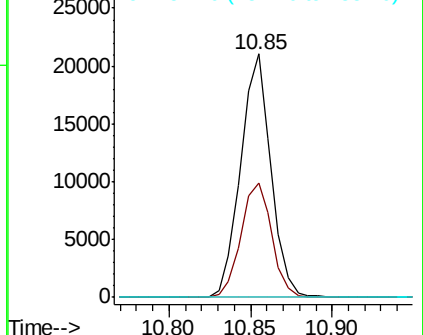
173 100

175 47.8 24.1 72.3

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

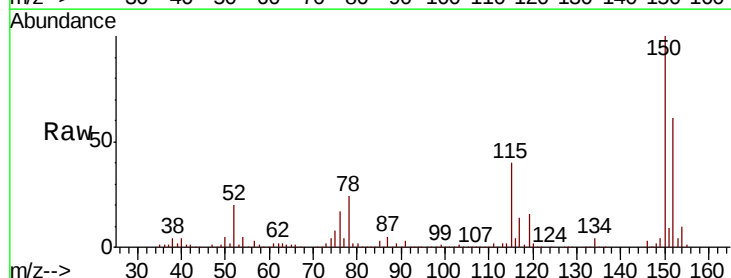
Tgt Ion:152 Resp: 126615

Ion Ratio Lower Upper

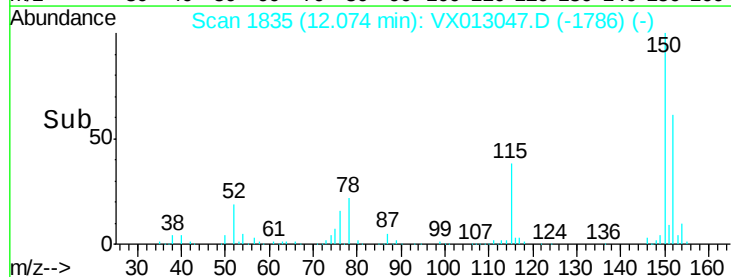
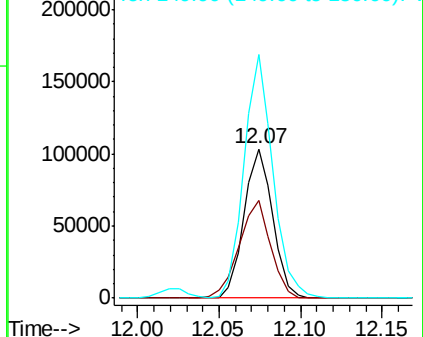
152 100

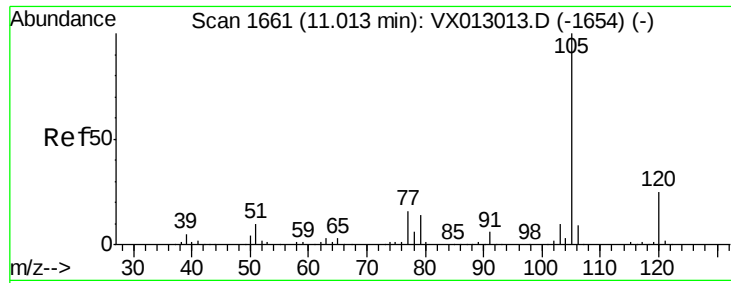
115 72.0 44.5 133.5

150 165.5 0.0 353.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.482 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

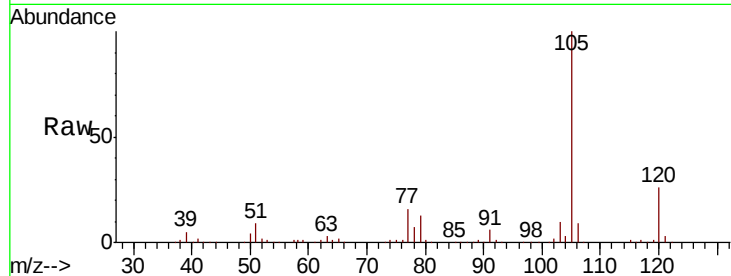
ClientSampleId :

Tot Ion:105 Resp: 190666

Ion Ratio Lower Upper

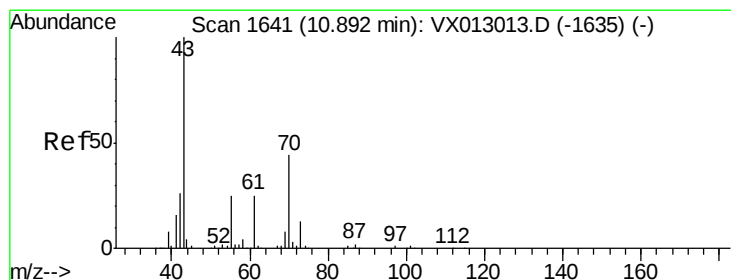
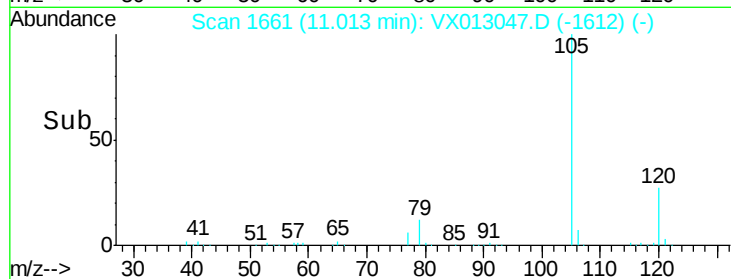
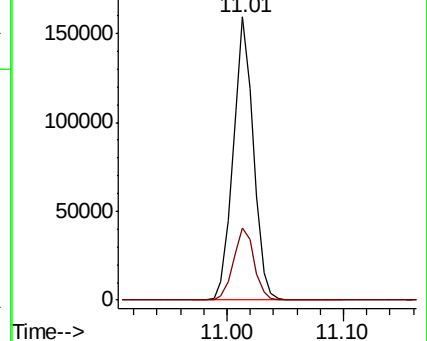
105 100

120 26.0 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.902 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Tgt Ion: 43 Resp: 79790

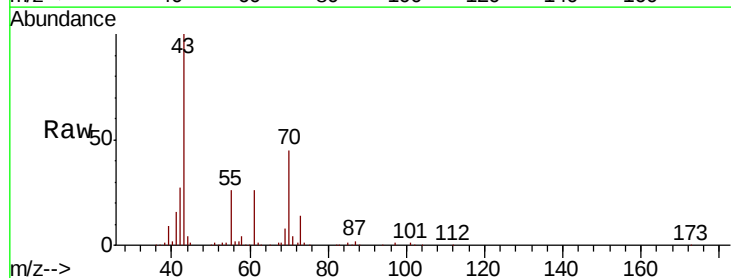
Ion Ratio Lower Upper

43 100

70 46.6 36.4 54.6

55 25.4 20.2 30.2

61 25.4 20.5 30.7

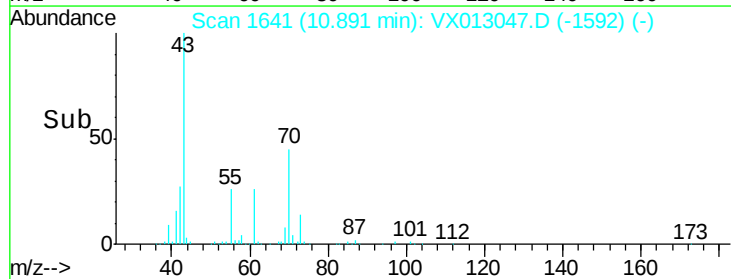
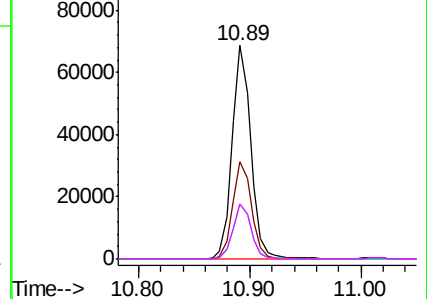


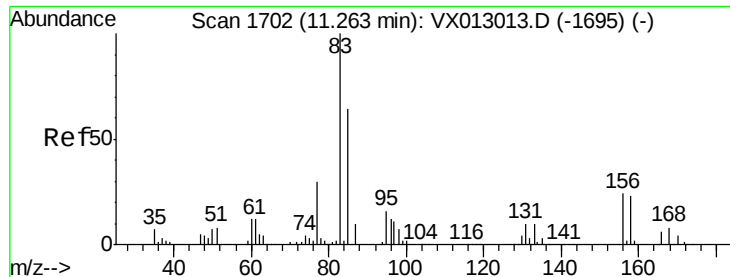
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.097 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

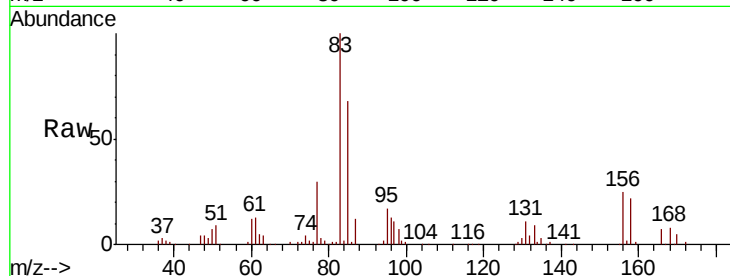
Tot Ion: 83 Resp: 62223

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.3

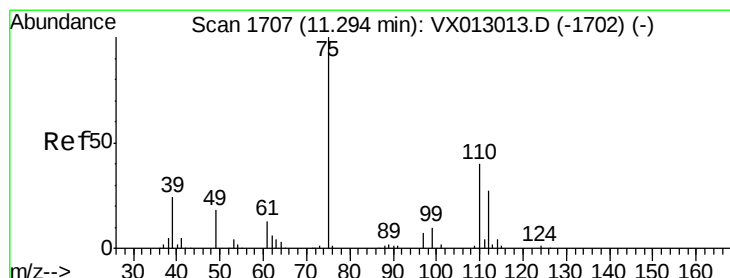
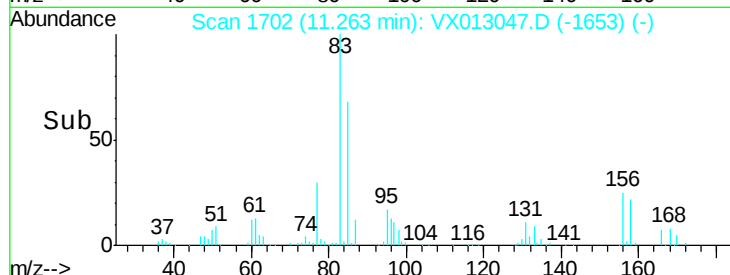
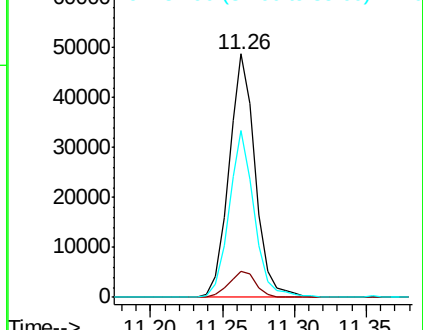
85 65.7 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.933 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX013047.D

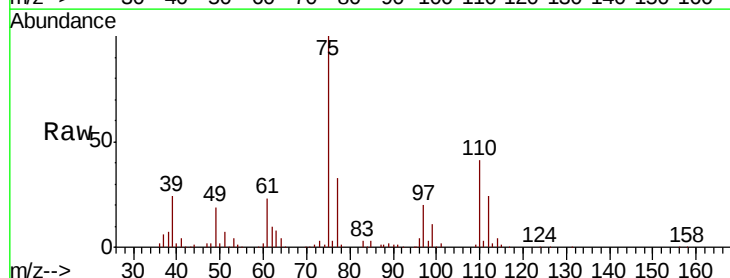
Acq: 14 Oct 2019 13:22

Tgt Ion: 75 Resp: 72827

Ion Ratio Lower Upper

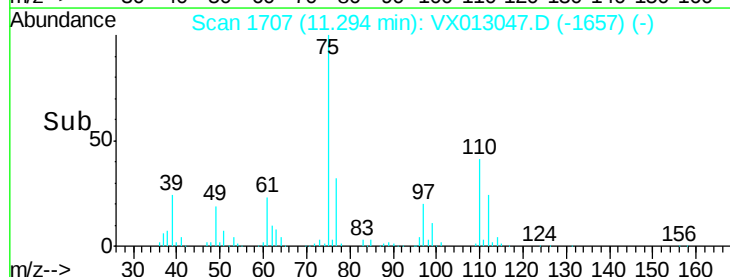
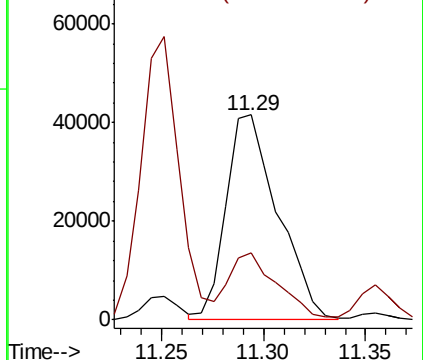
75 100

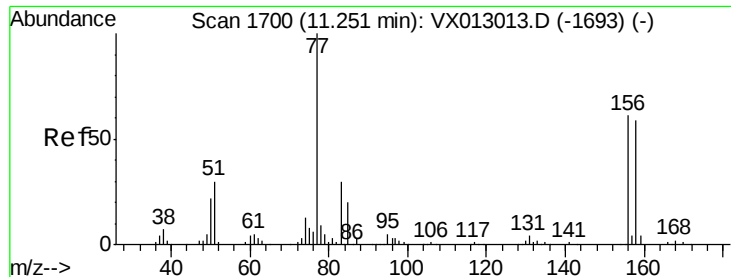
77 30.3 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.115 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

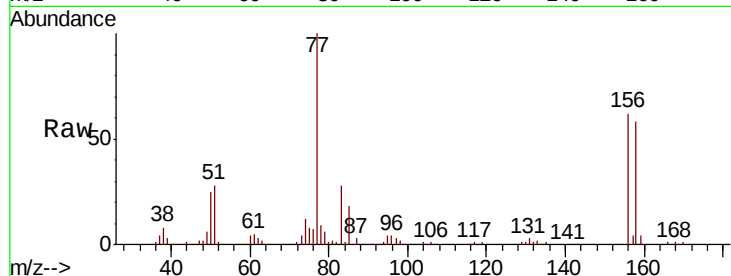
Tot Ion:156 Resp: 46319

Ion	Ratio	Lower	Upper
156	100		
77	161.4	83.7	251.0
158	94.2	48.6	145.9

156 100

77 161.4 83.7 251.0

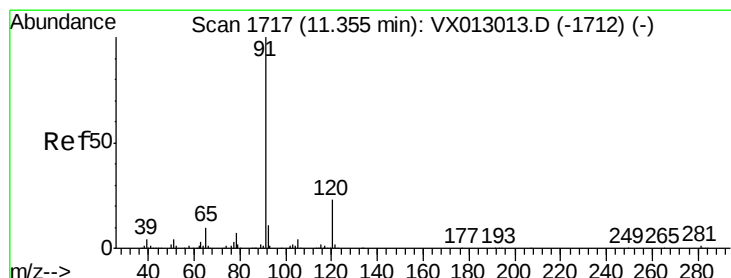
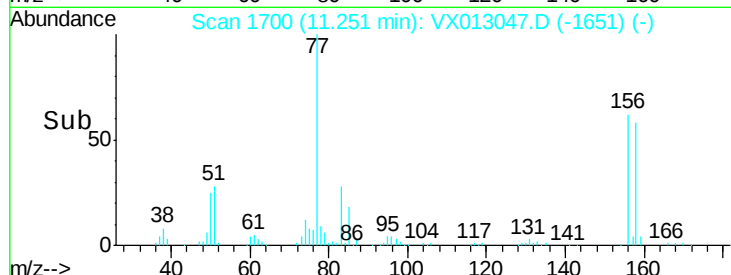
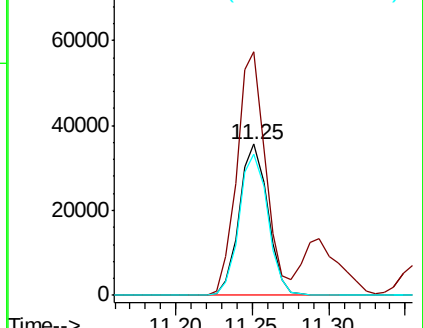
158 94.2 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.900 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013047.D

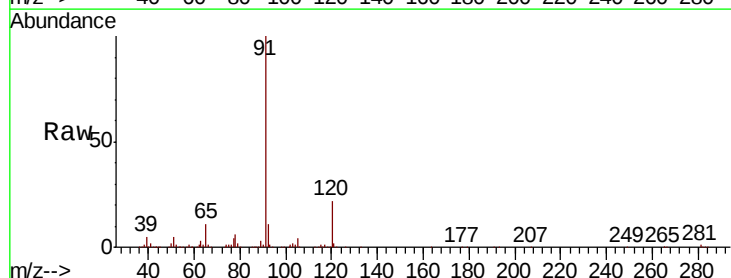
Acq: 14 Oct 2019 13:22

Tgt Ion: 91 Resp: 214083

Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.7	35.1

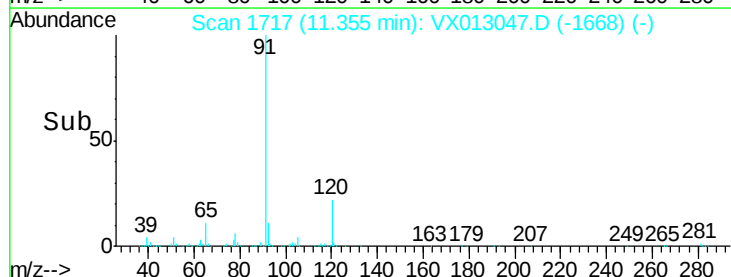
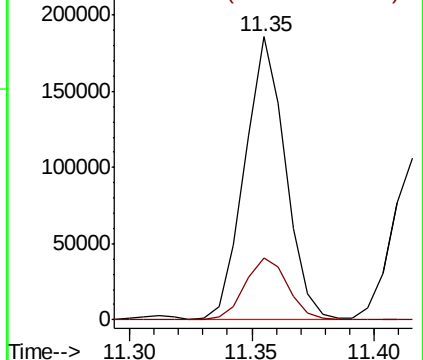
91 100

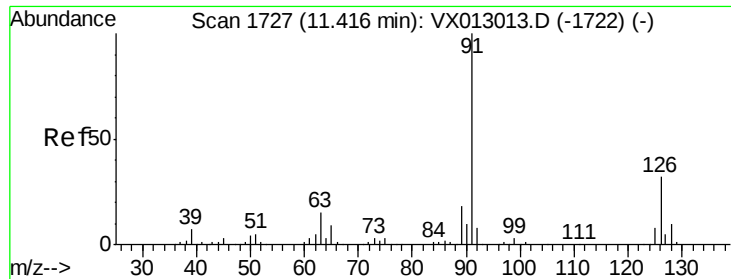
120 23.2 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

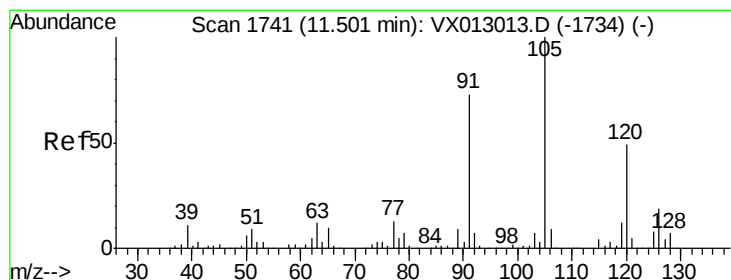
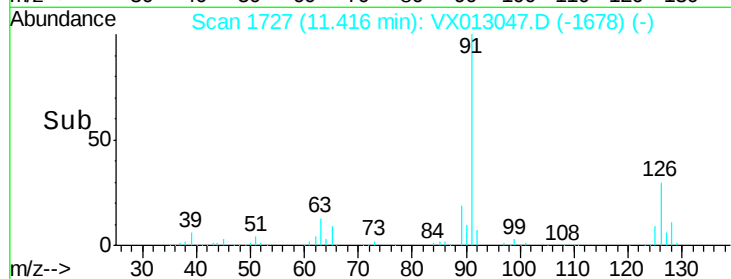
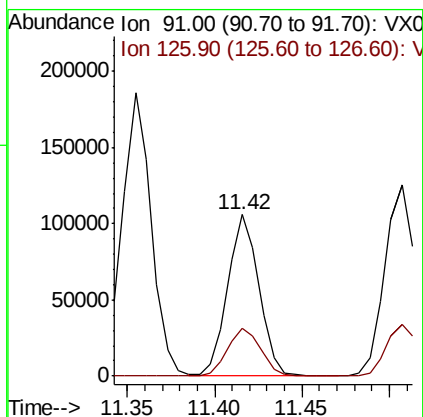
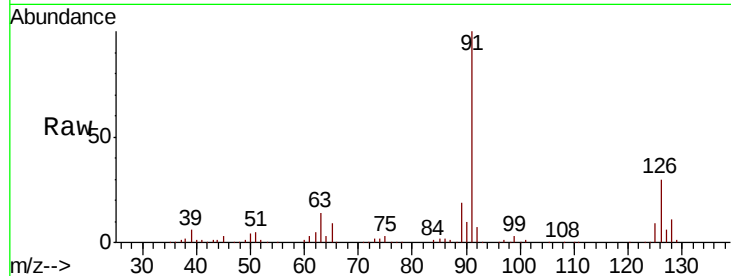




#79
 2-Chlorotoluene
 Concen: 20.357 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

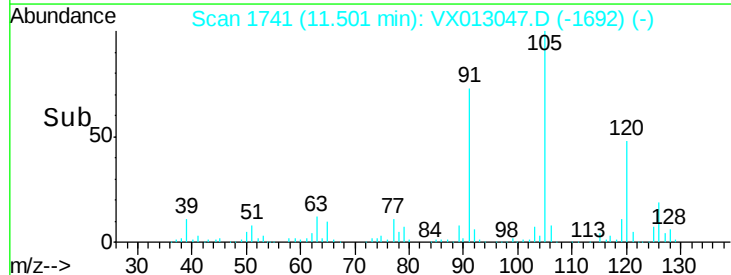
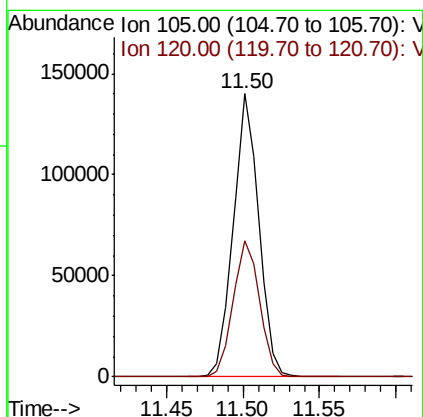
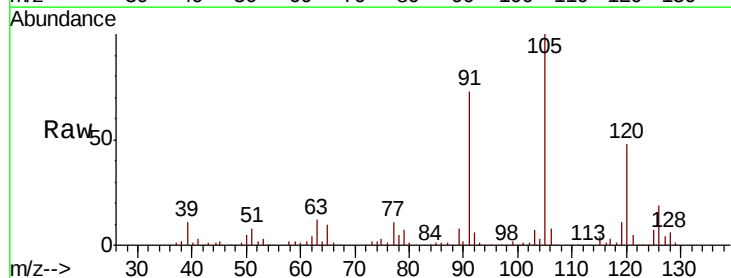
Instrument :
 MSVOA_X
 ClientSampleId :

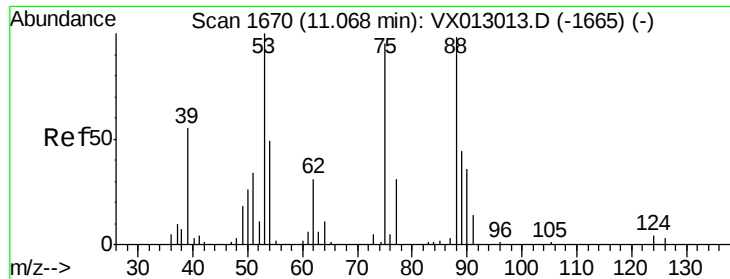
Tot Ion: 91 Resp: 131050
 Ion Ratio Lower Upper
 91 100
 126 31.8 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 20.769 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Tgt Ion: 105 Resp: 161439
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.805 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

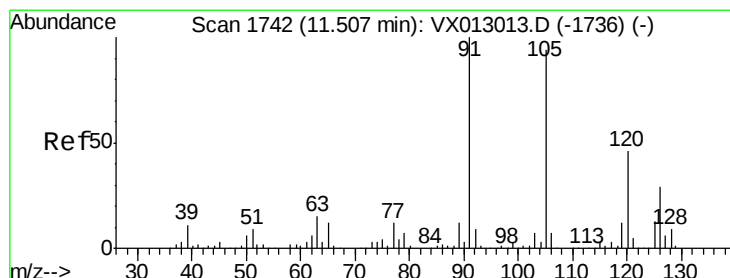
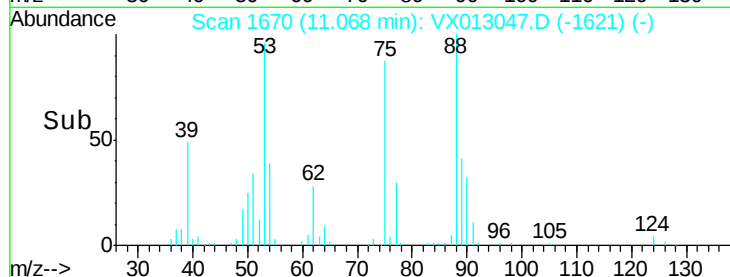
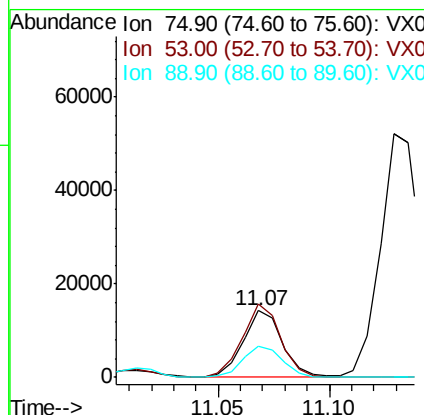
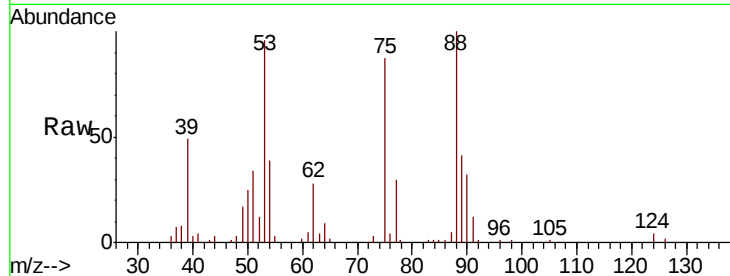
Tot Ion: 75 Resp: 17506

Ion Ratio Lower Upper

75 100

53 108.4 78.5 117.7

89 47.5 37.4 56.2



#82

4-Chlorotoluene

Concen: 21.001 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013047.D

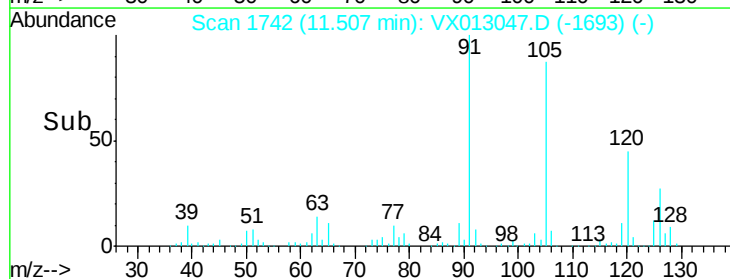
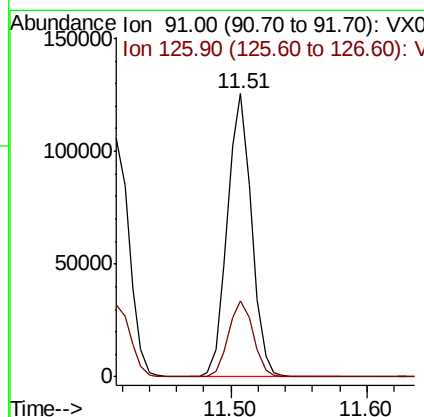
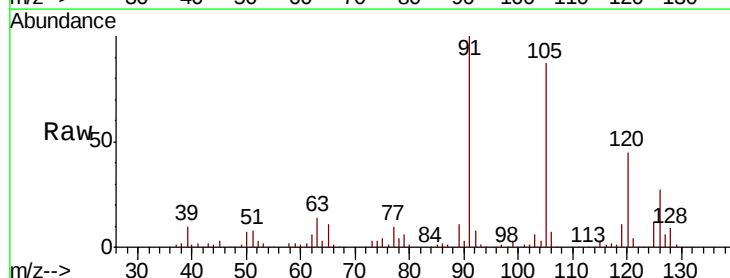
Acq: 14 Oct 2019 13:22

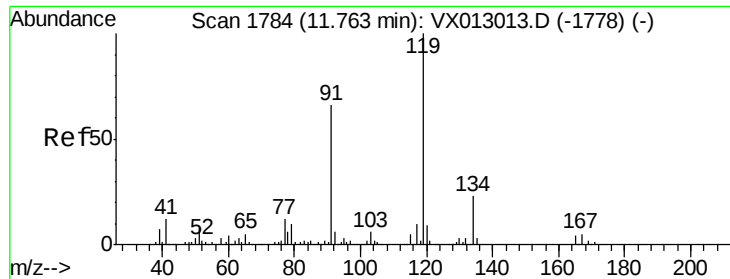
Tgt Ion: 91 Resp: 154958

Ion Ratio Lower Upper

91 100

126 27.6 14.2 42.6

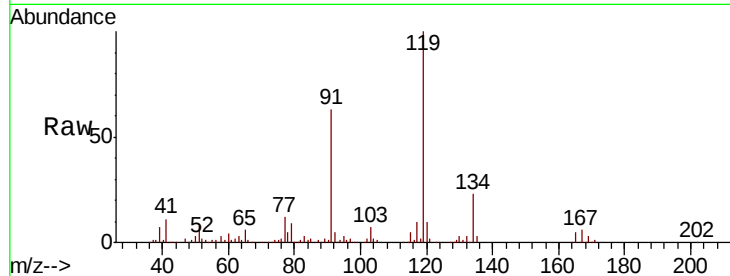




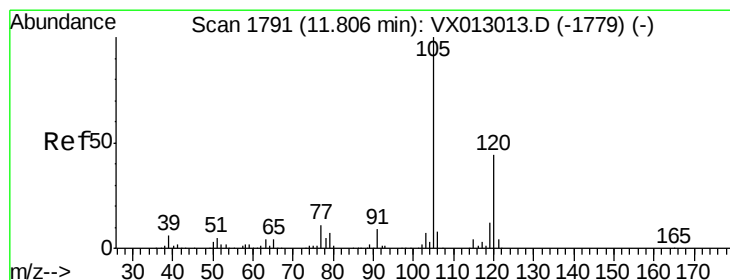
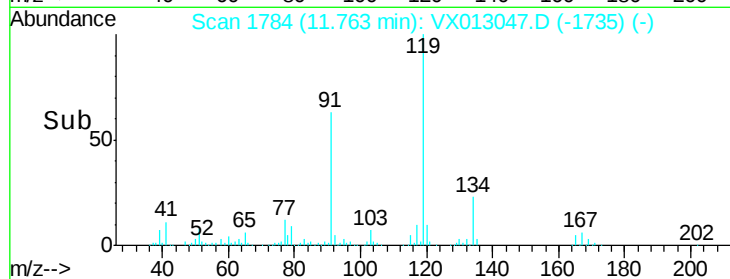
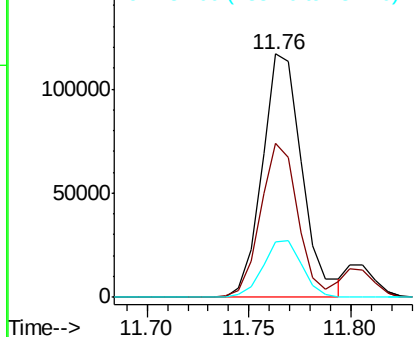
#83
tert-Butylbenzene
Concen: 20.951 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.2	29.3	87.9
134	23.1	11.5	34.4

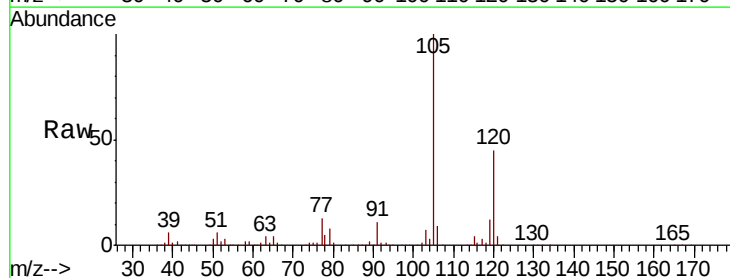


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

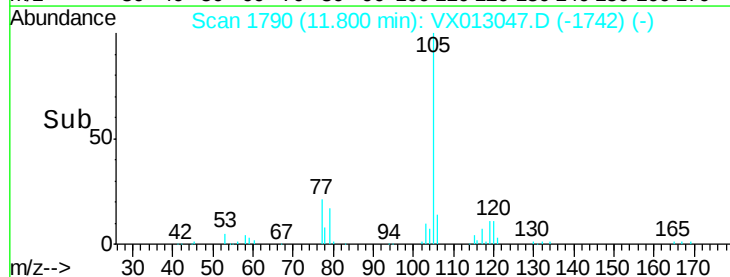
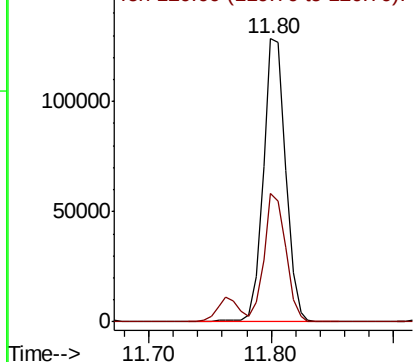


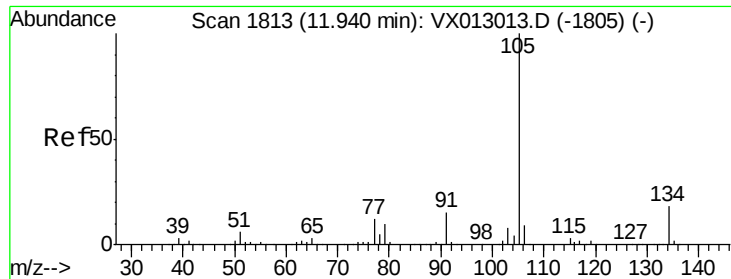
#84
1,2,4-Trimethylbenzene
Concen: 20.980 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.8	21.8	65.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

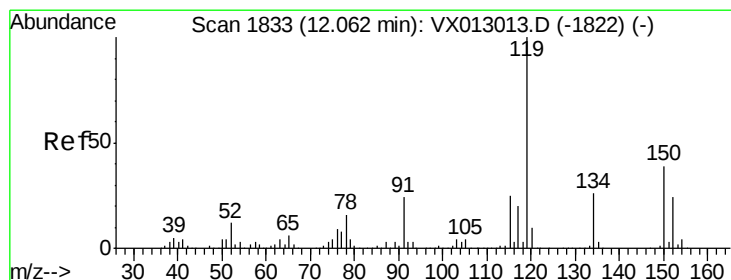
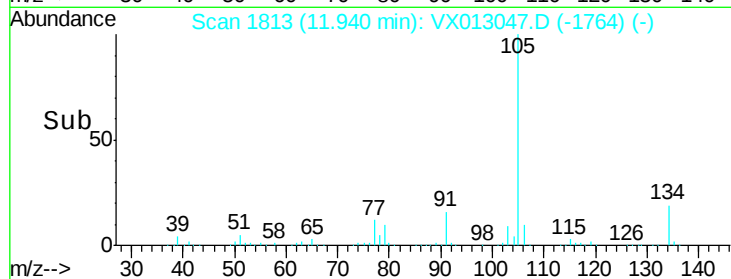
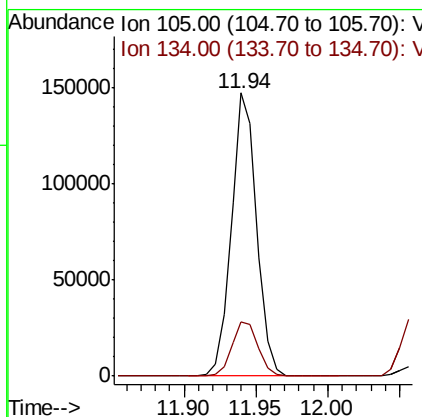
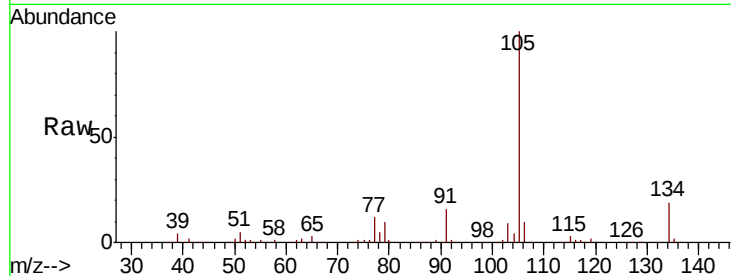




#85
 sec-Butylbenzene
 Concen: 20.532 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

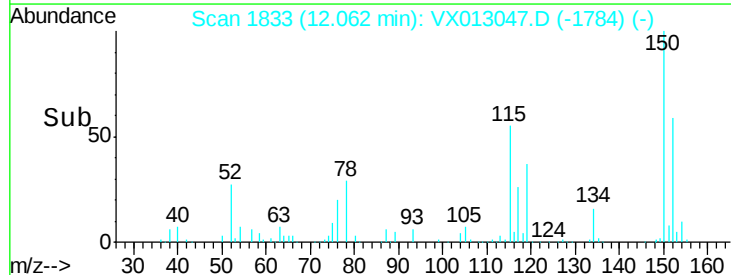
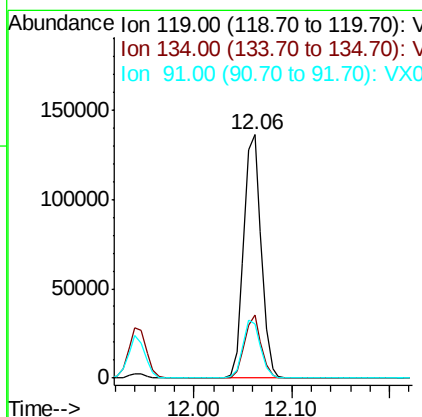
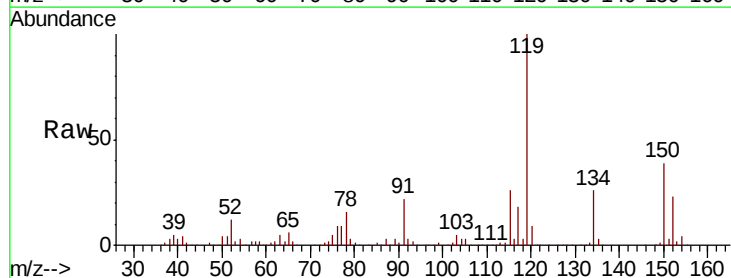
Instrument :
 MSVOA_X
 ClientSampleId :

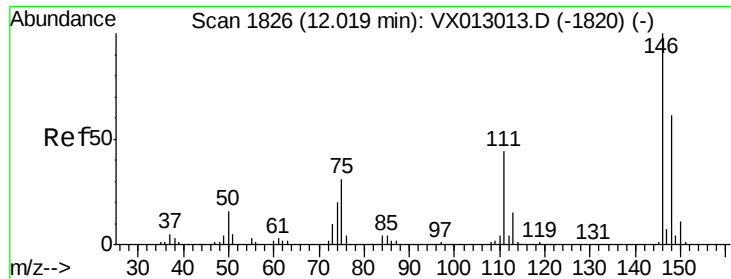
Tot Ion:105 Resp: 180369
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 20.740 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Tgt Ion:119 Resp: 168975
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.6 37.8
 91 24.1 12.4 37.4

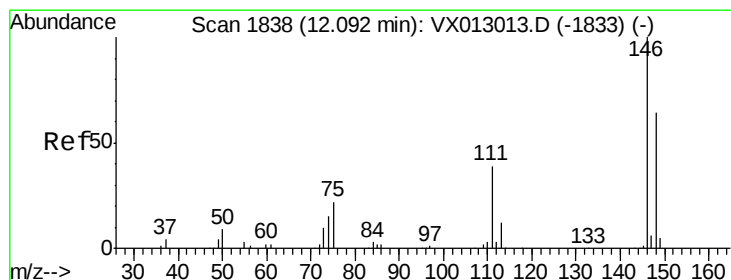
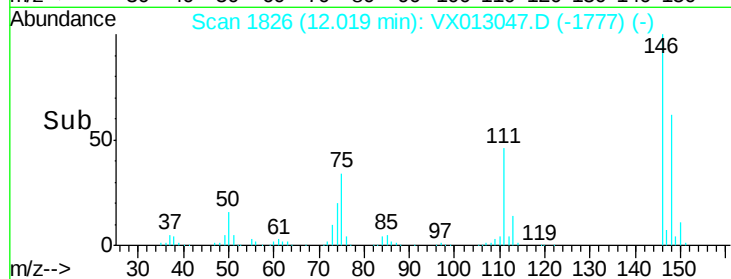
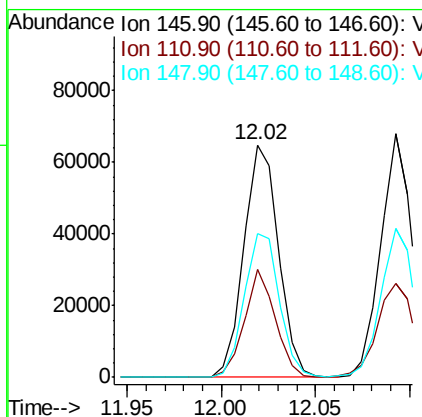
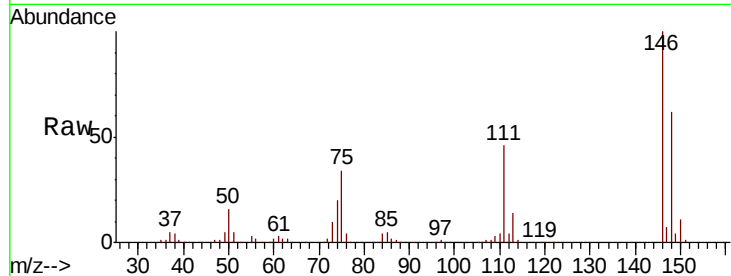




#87
 1,3-Dichlorobenzene
 Concen: 20.319 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

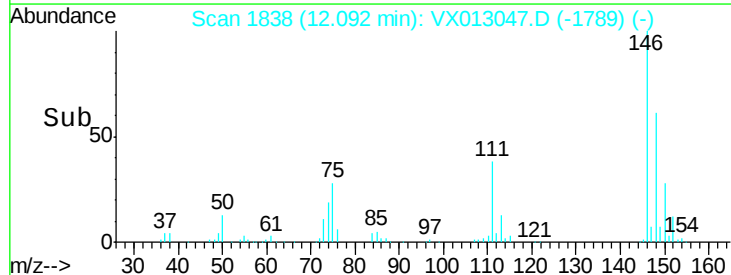
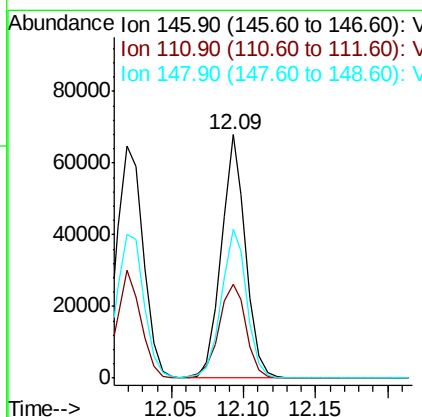
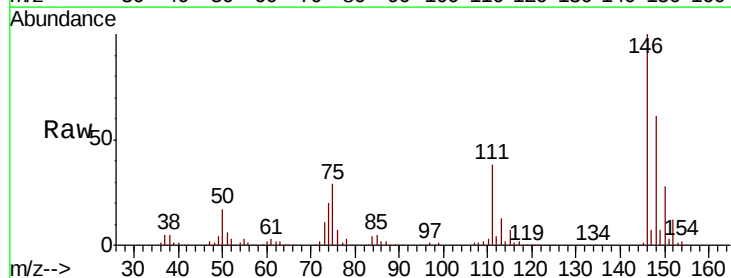
Instrument :
 MSVOA_X
 ClientSampled :

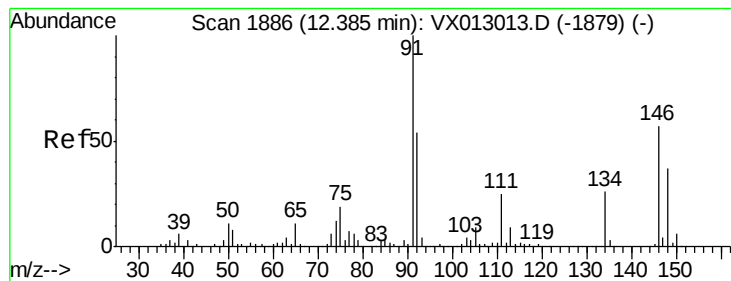
Tot Ion:146 Resp: 82772
 Ion Ratio Lower Upper
 146 100
 111 41.3 21.1 63.4
 148 62.7 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 19.410 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Tgt Ion:146 Resp: 80080
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.4 64.3
 148 64.5 32.1 96.5





#89

n-Butylbenzene

Concen: 19.705 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

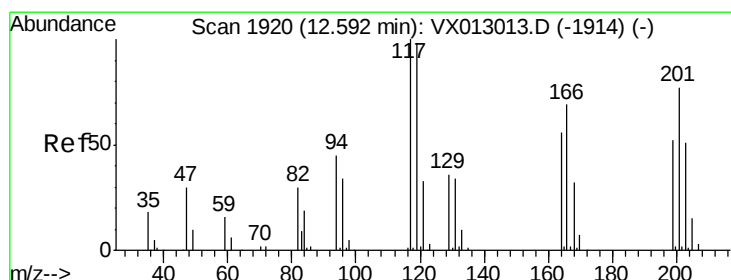
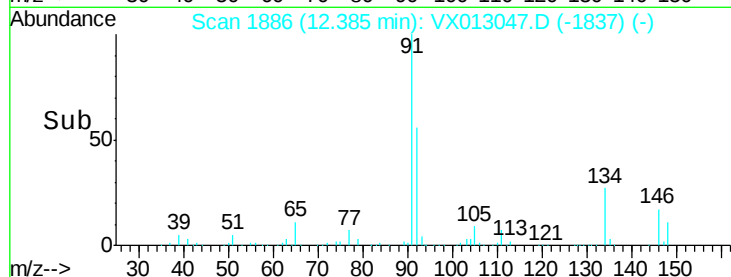
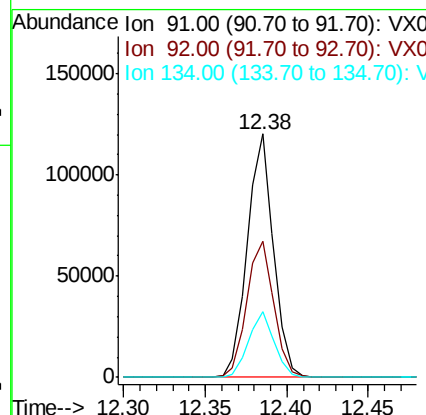
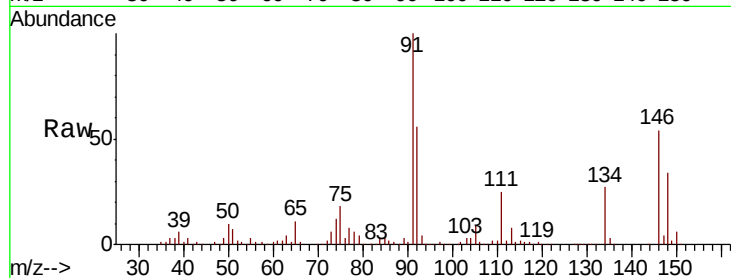
Tot Ion: 91 Resp: 134928

Ion Ratio Lower Upper

91 100

92 57.6 27.5 82.5

134 26.4 12.9 38.7



#90

Hexachloroethane

Concen: 19.330 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013047.D

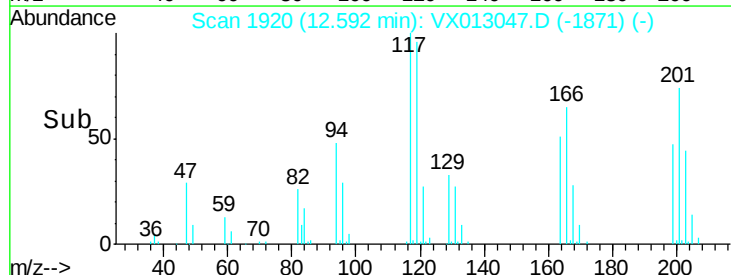
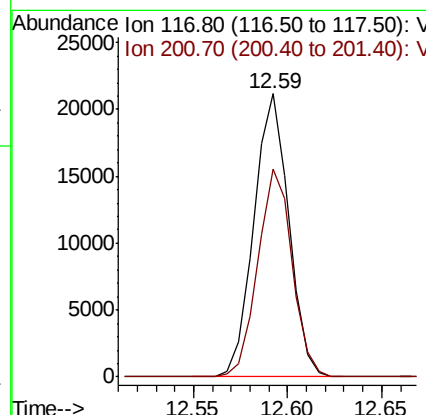
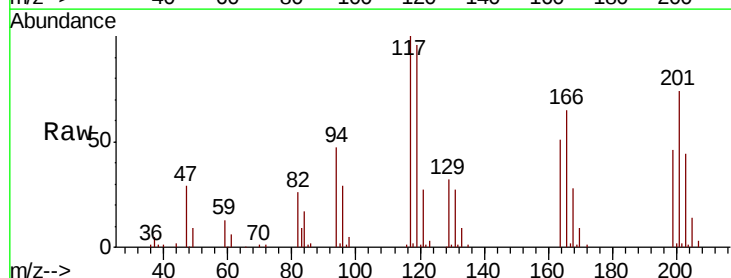
Acq: 14 Oct 2019 13:22

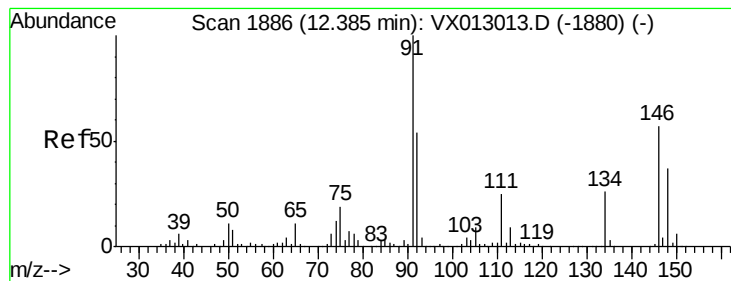
Tgt Ion: 117 Resp: 27121

Ion Ratio Lower Upper

117 100

201 72.2 36.9 110.7





#91

1,2-Dichlorobenzene

Concen: 20.654 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

Instrument :

MSVOA_X

ClientSampleId :

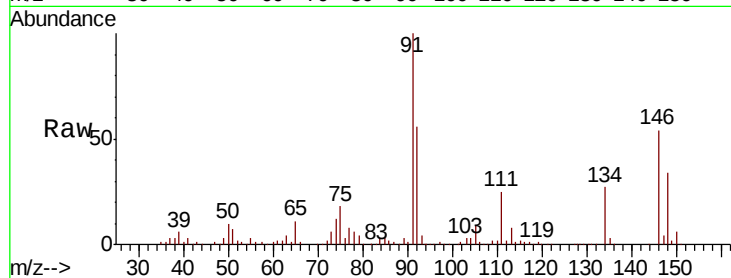
Tot Ion:146 Resp: 82485

Ion Ratio Lower Upper

146 100

111 43.4 22.7 68.0

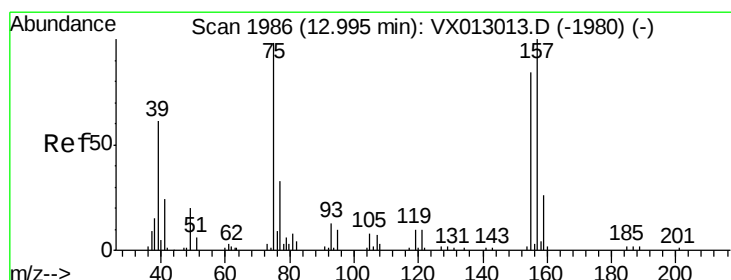
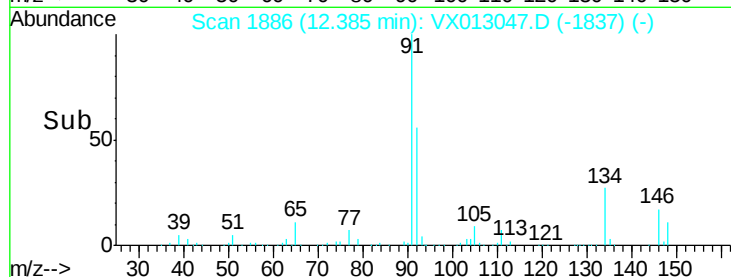
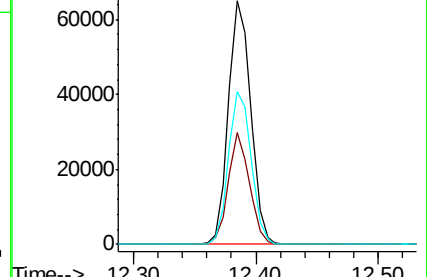
148 63.6 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.755 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013047.D

Acq: 14 Oct 2019 13:22

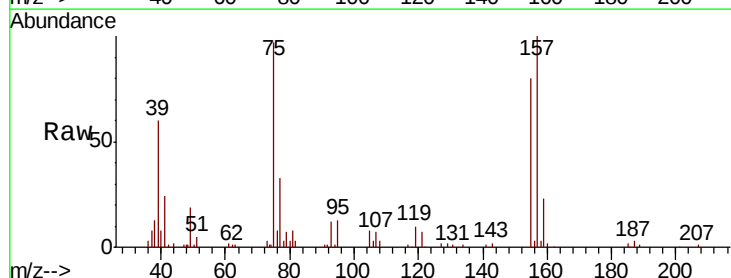
Tgt Ion: 75 Resp: 14336

Ion Ratio Lower Upper

75 100

155 82.8 43.0 128.8

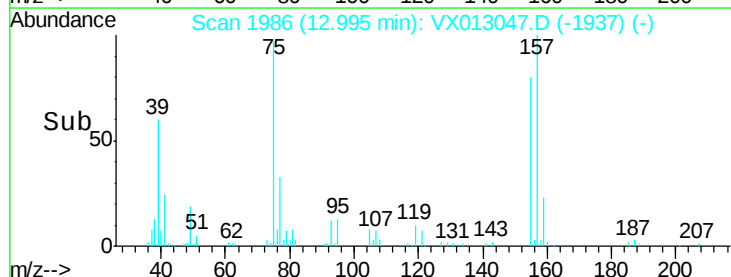
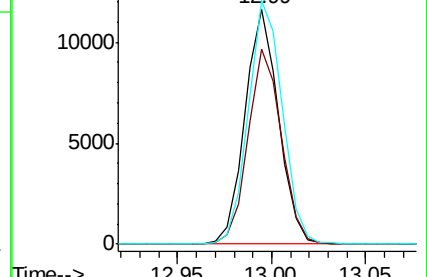
157 105.1 54.1 162.3

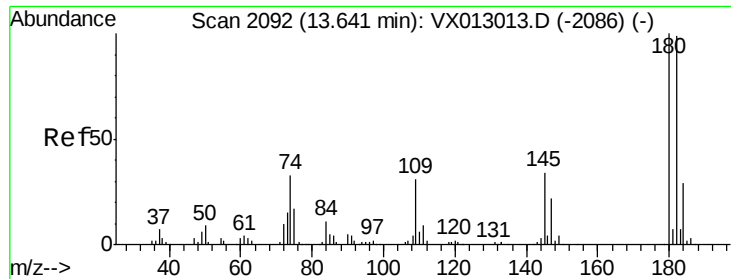


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

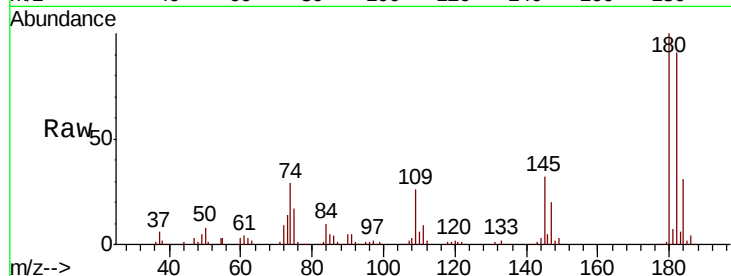




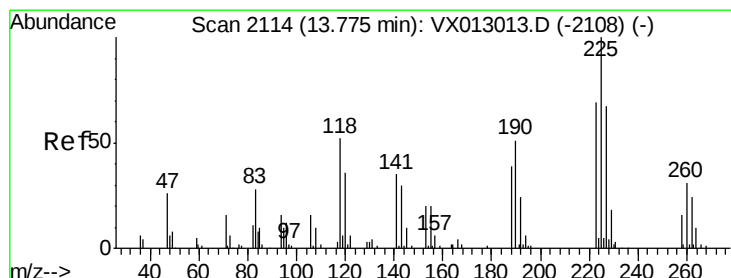
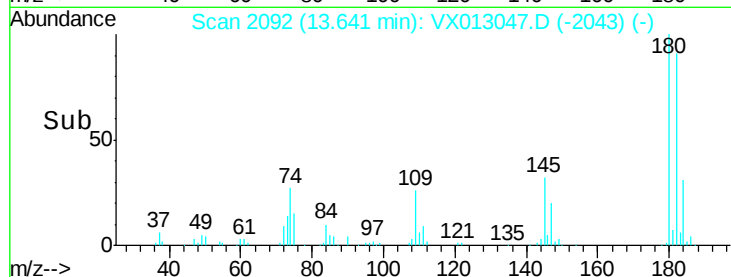
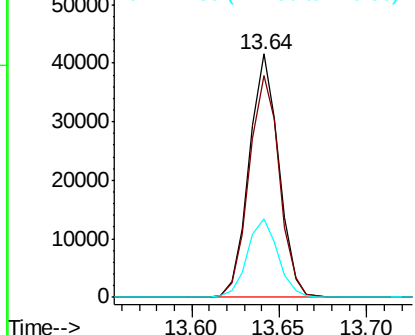
#93
 1,2,4-Trichlorobenzene
 Concen: 19.607 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.8	140.4
145	33.0	16.2	48.6

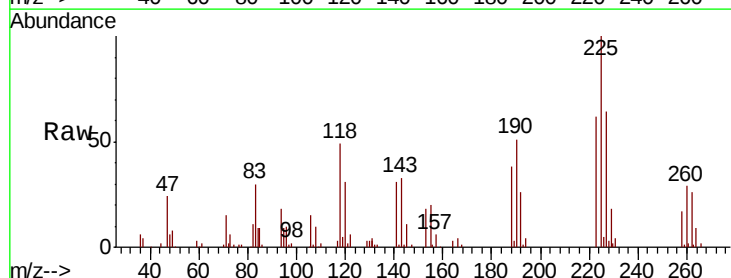


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

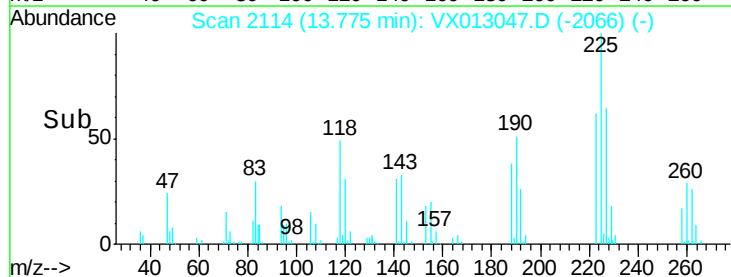
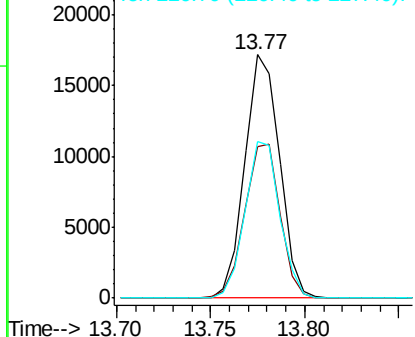


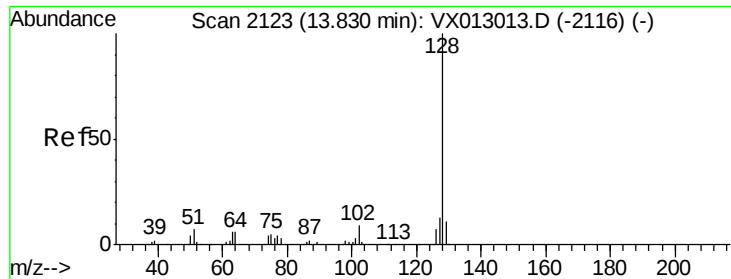
#94
 Hexachlorobutadiene
 Concen: 19.069 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.1	93.2
227	64.3	32.3	96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

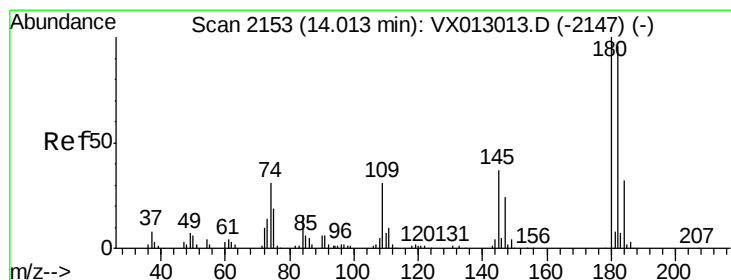
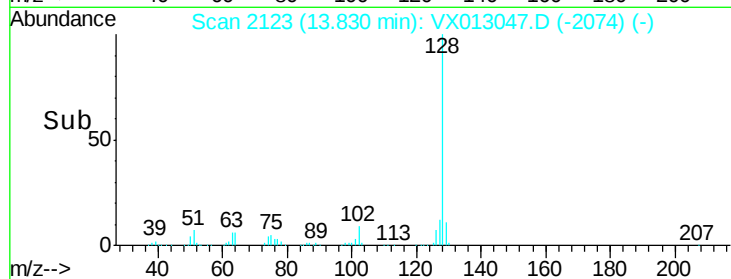
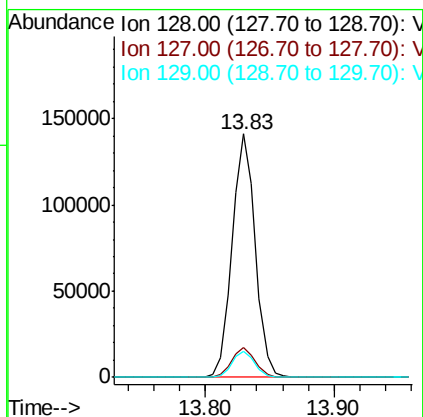
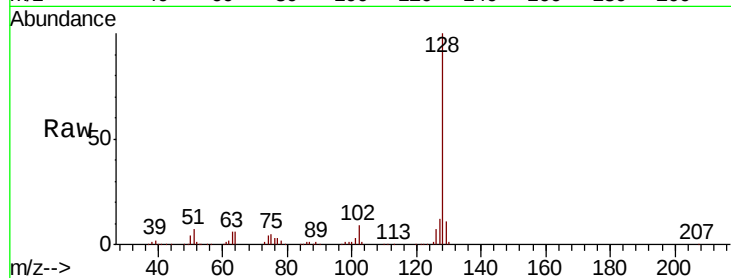




#95
Naphthalene
Concen: 20.394 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 176855
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.977 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Tgt Ion:180 Resp: 51644
Ion Ratio Lower Upper
180 100
182 93.1 47.5 142.5
145 34.7 17.4 52.3

