

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 :
 VX1014WBS01

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

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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

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Oct 11 09:48:22 2019
Response via : Initial Calibration

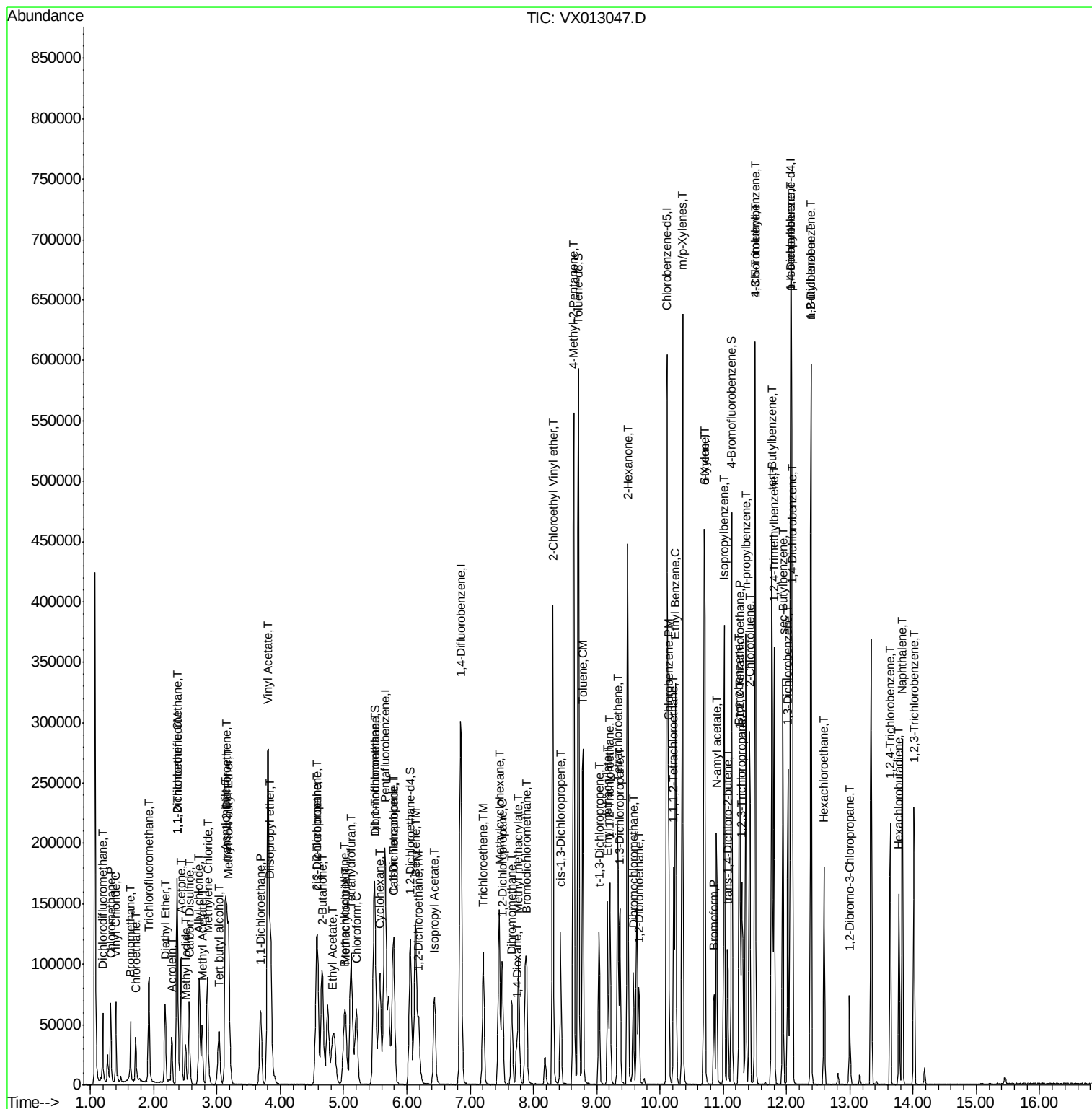
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	49051	19.607	ug/l	99
94) Hexachlorobutadiene	13.77	225	22016	19.069	ug/l	98
95) Naphthalene	13.83	128	176855	20.394	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	51644	19.977	ug/l	98

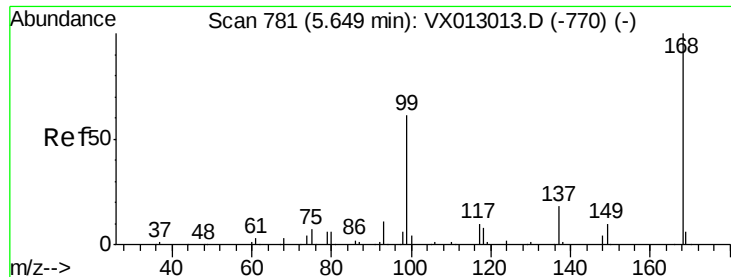
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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
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Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Quant Time: Oct 15 01:24:35 2019
Quant Method : Z:\VQASRV\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 :

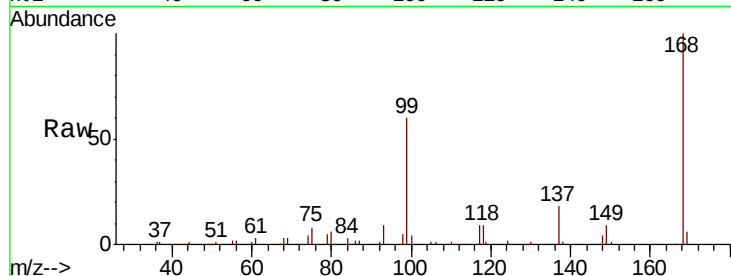
VX1014WBS01

Tot Ion:168 Resp: 185693

Ion Ratio Lower Upper

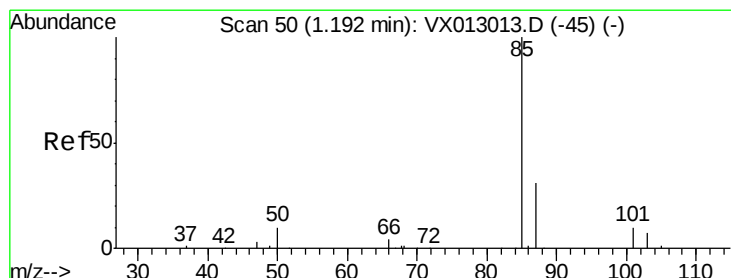
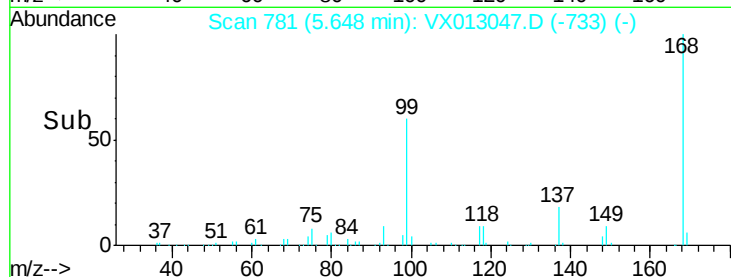
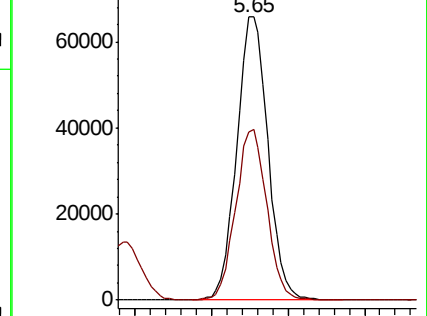
168 100

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

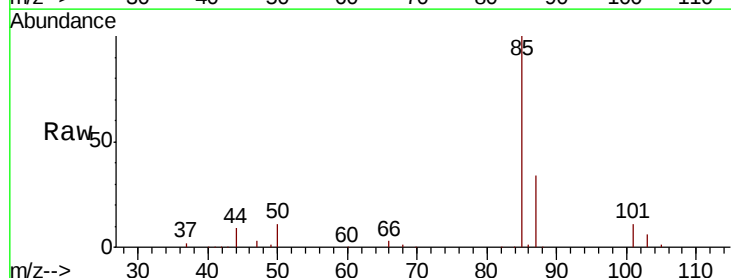
Acq: 14 Oct 2019 13:22

Tgt Ion: 85 Resp: 34807

Ion Ratio Lower Upper

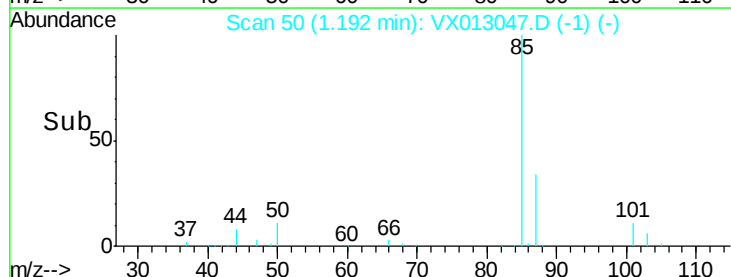
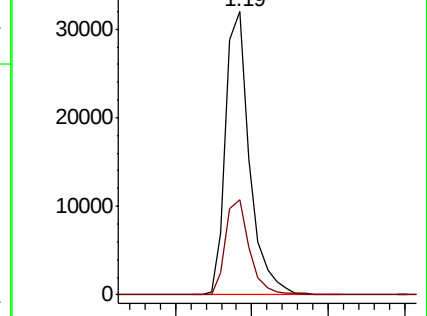
85 100

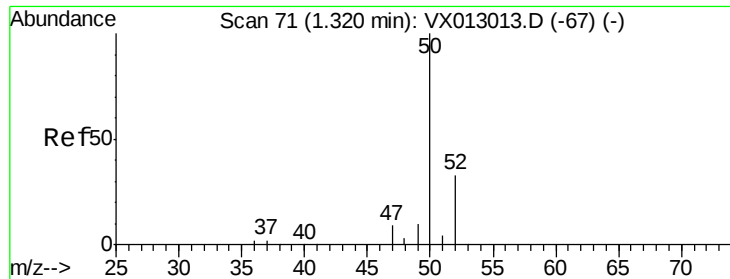
87 33.5 16.4 49.4



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 :

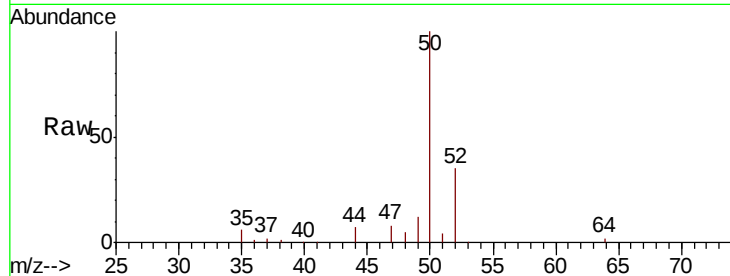
VX1014WBS01

Tot Ion: 50 Resp: 37147

Ion Ratio Lower Upper

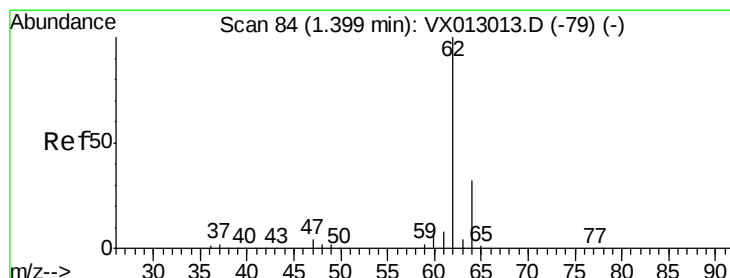
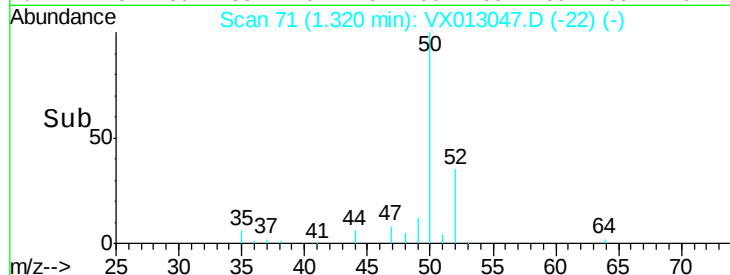
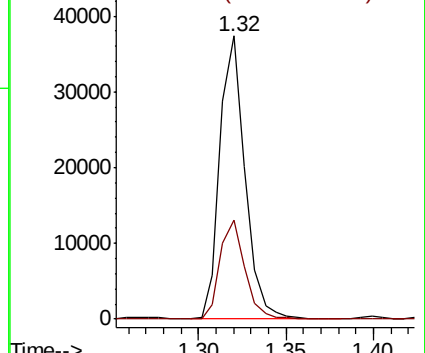
50 100

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

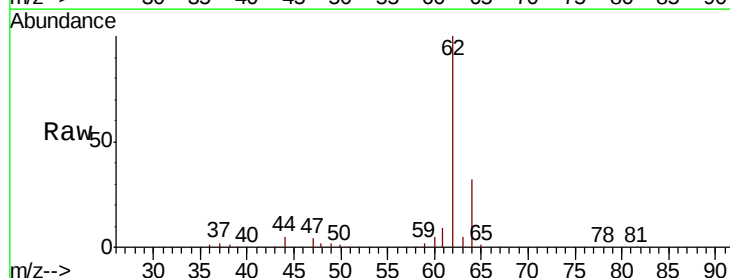
Acq: 14 Oct 2019 13:22

Tgt Ion: 62 Resp: 38384

Ion Ratio Lower Upper

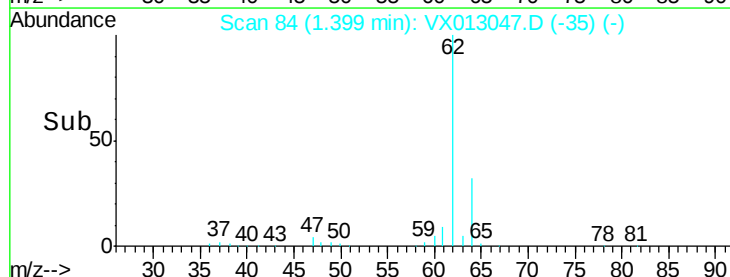
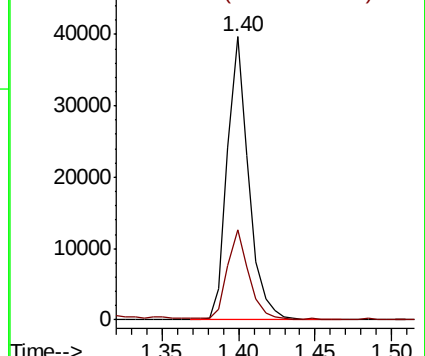
62 100

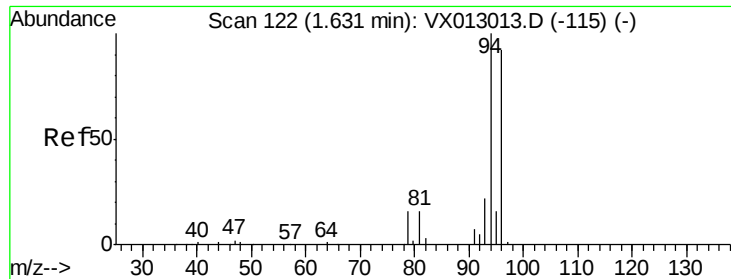
64 31.6 25.3 37.9



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

ClientSampleId :

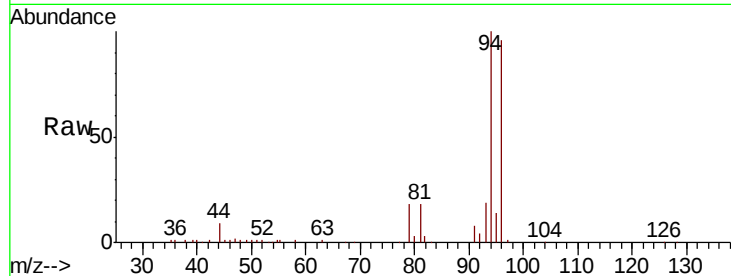
VX1014WBS01

Tot Ion: 94 Resp: 18031

Ion Ratio Lower Upper

94 100

96 95.6 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

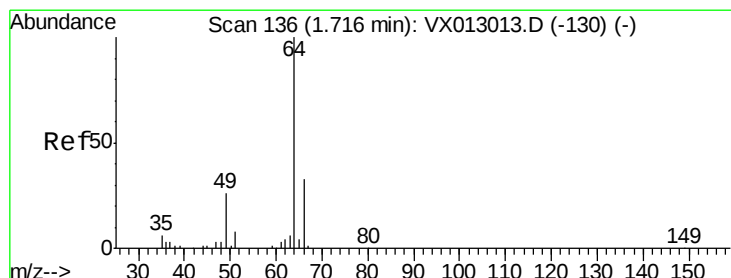
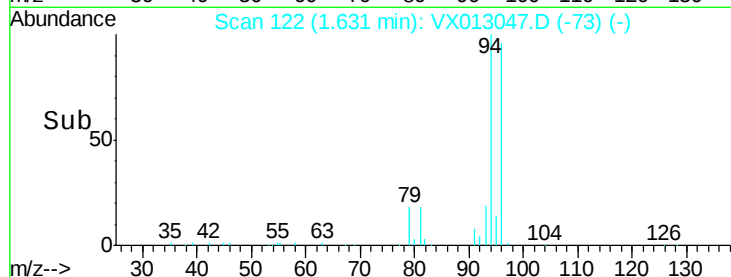
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 21.284 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013047.D

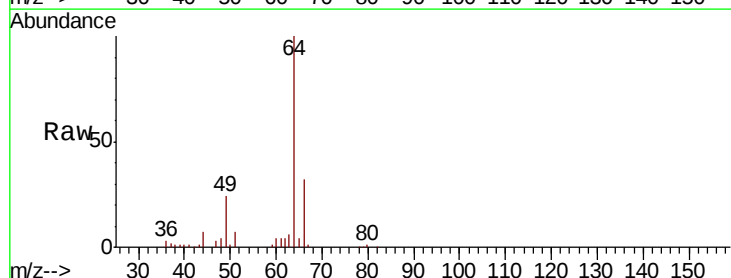
Acq: 14 Oct 2019 13:22

Tgt Ion: 64 Resp: 27367

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

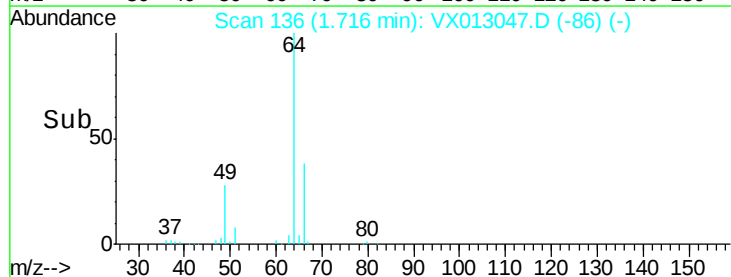
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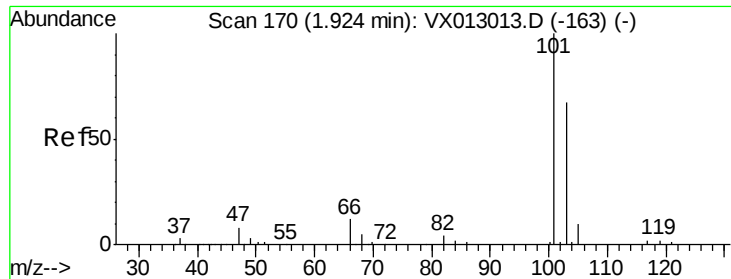
10000

5000

0

Time-->



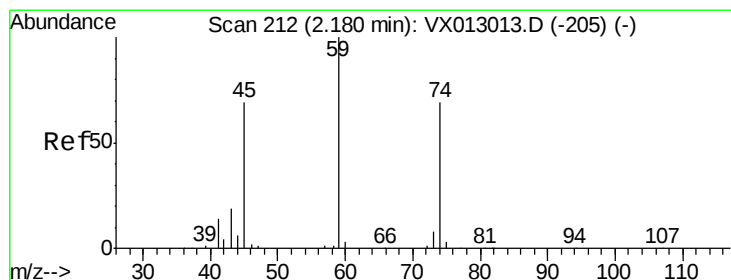
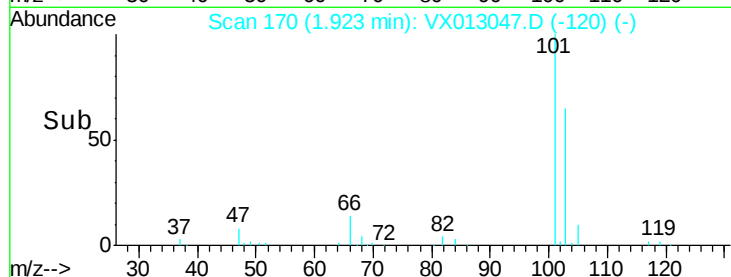
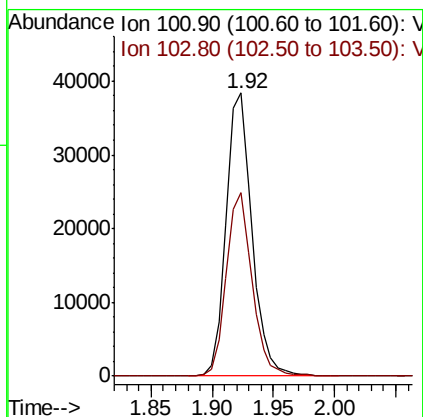
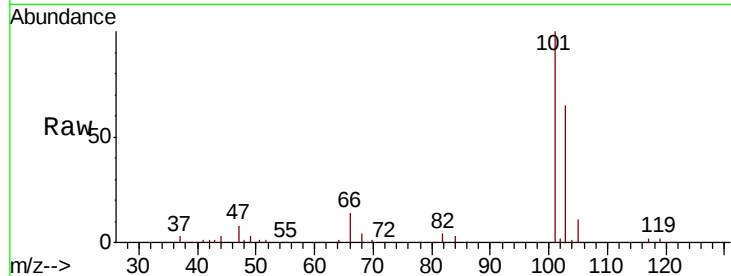


#7

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 :
 VX1014WBS01

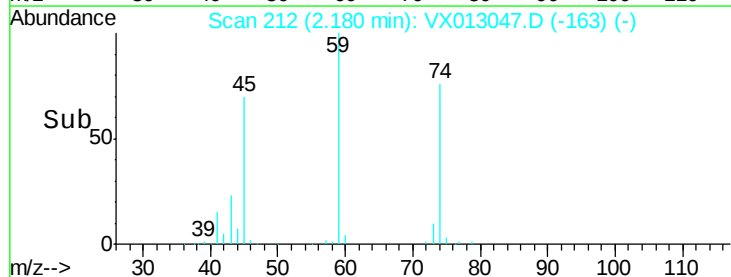
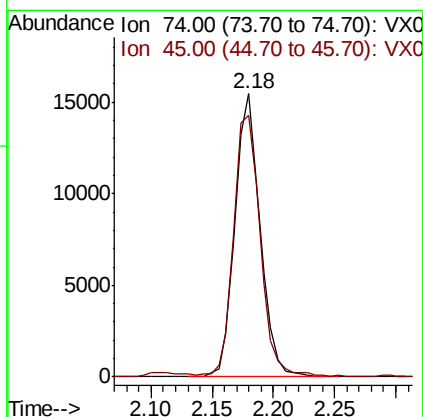
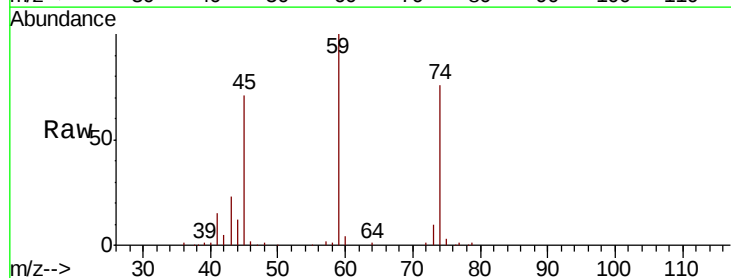
Tot Ion:101 Resp: 56030
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.5 78.7

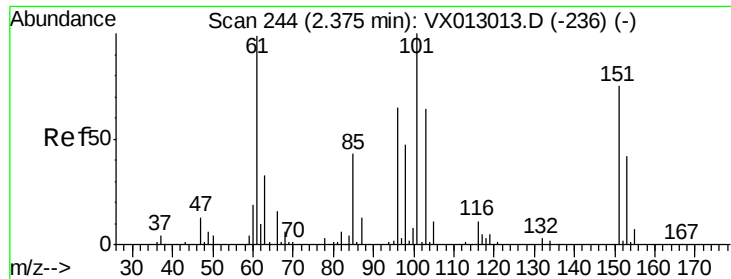


#8

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

ClientSampleId :

VX1014WBS01

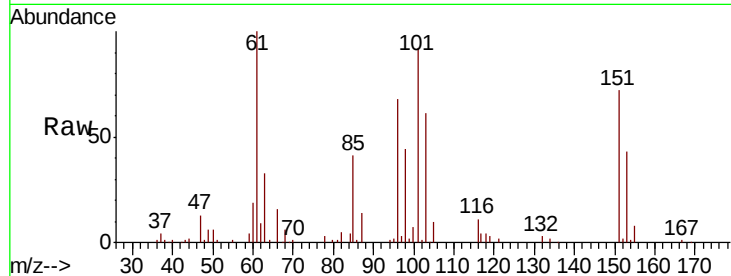
Tot Ion:101 Resp: 36418

Ion Ratio Lower Upper

101 100

85 44.2 35.2 52.8

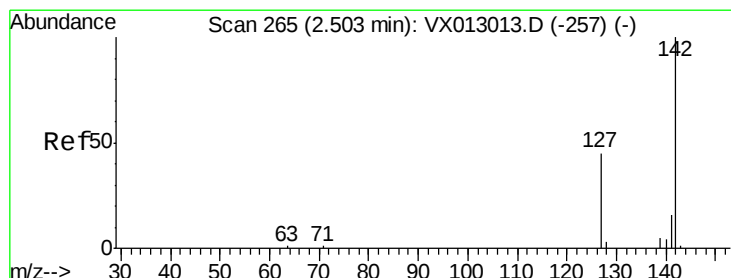
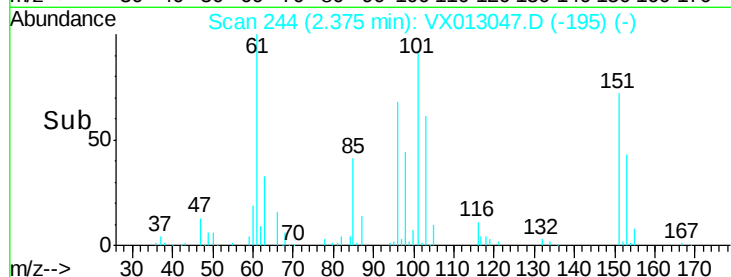
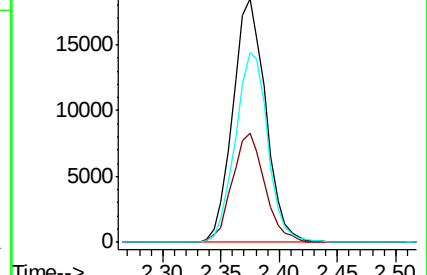
151 77.3 60.3 90.5



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

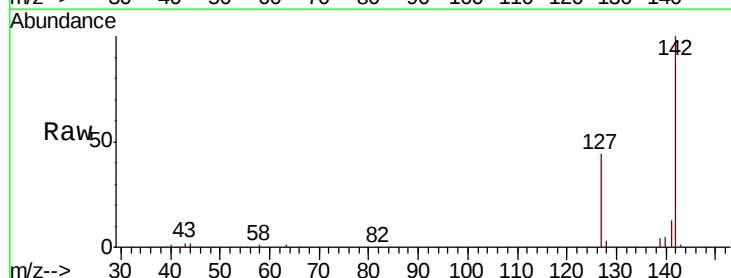
Tgt Ion:142 Resp: 32336

Ion Ratio Lower Upper

142 100

127 43.6 34.9 52.3

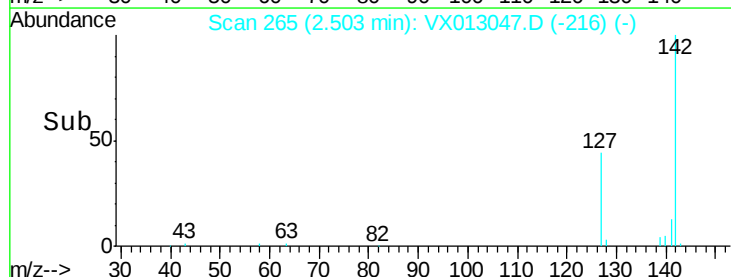
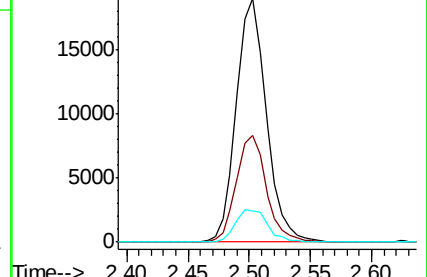
141 14.1 11.6 17.4

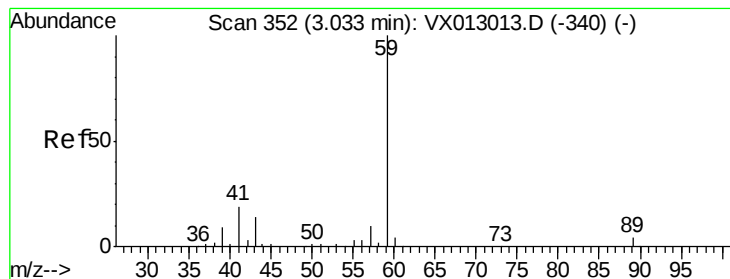


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



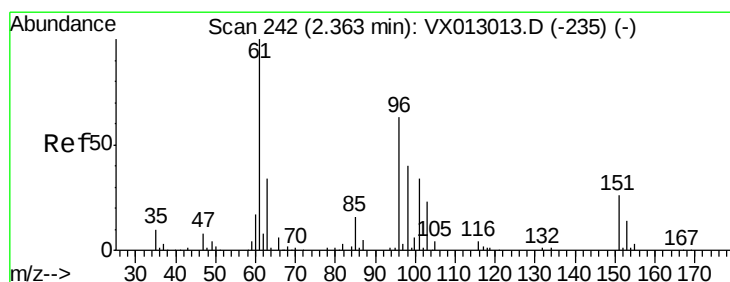
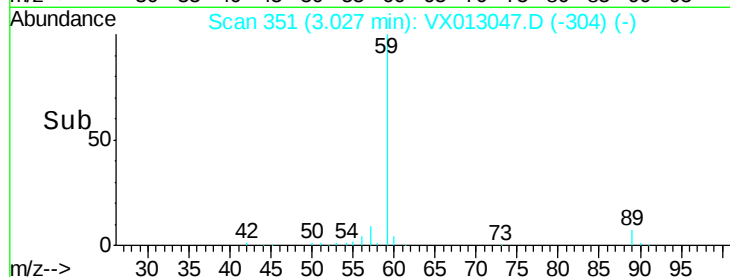
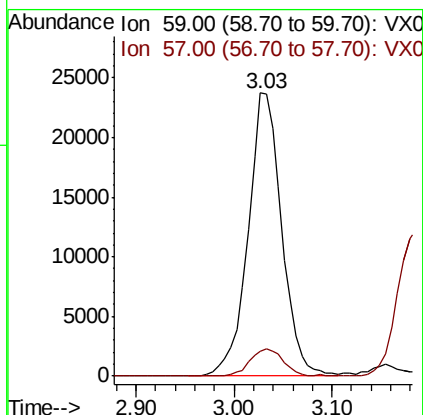
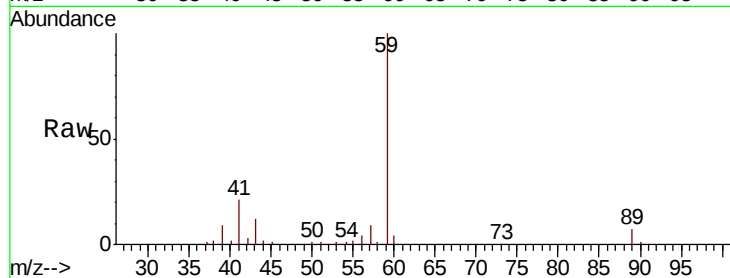


#11

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
 ClientSampleID :
 VX1014WBS01

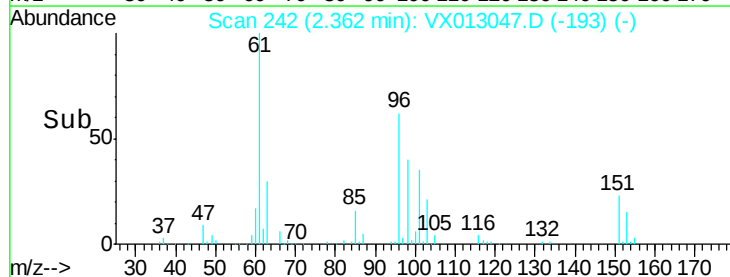
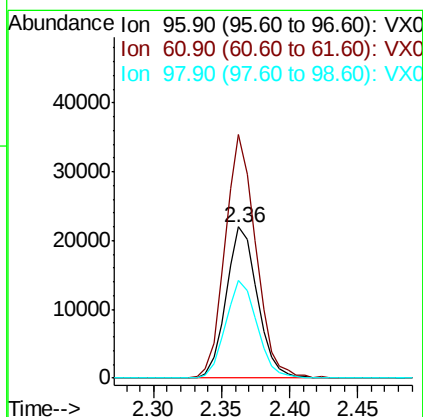
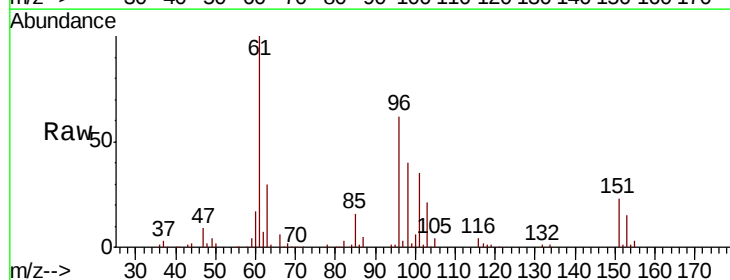
Tot Ion: 59 Resp: 56656
 Ion Ratio Lower Upper
 59 100
 57 9.6 8.3 12.5

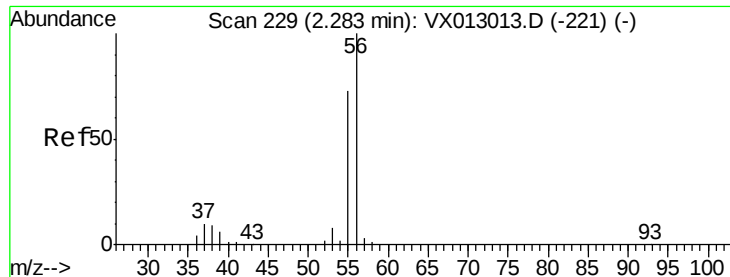


#12

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 :

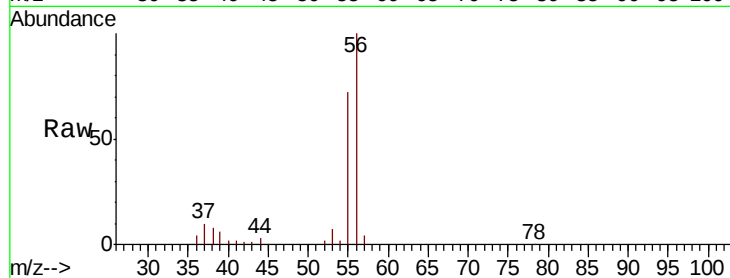
VX1014WBS01

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

2.28

20000

15000

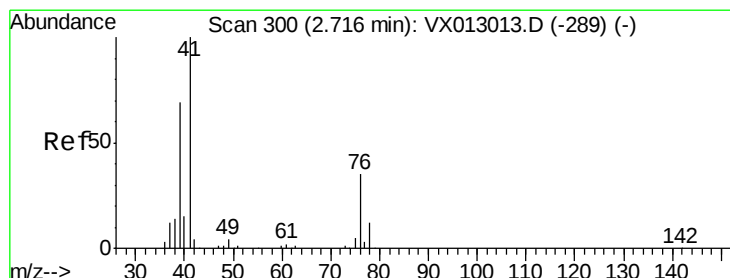
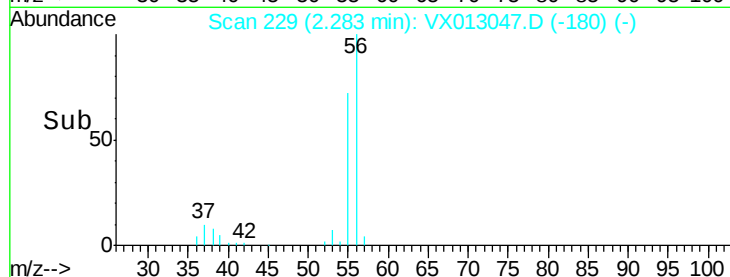
10000

5000

0

Time-->

2.20 2.25 2.30 2.35



#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

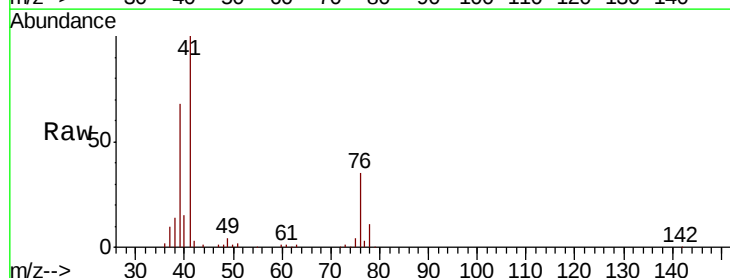
Tgt Ion: 41 Resp: 61869

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

40000

30000

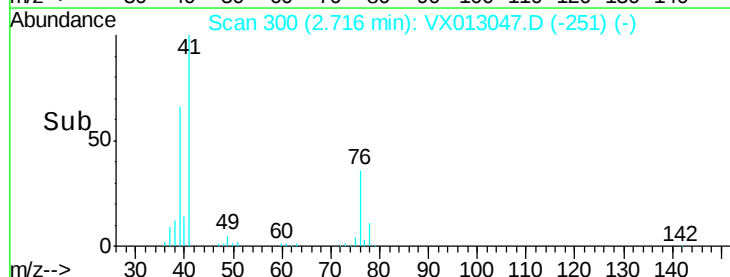
20000

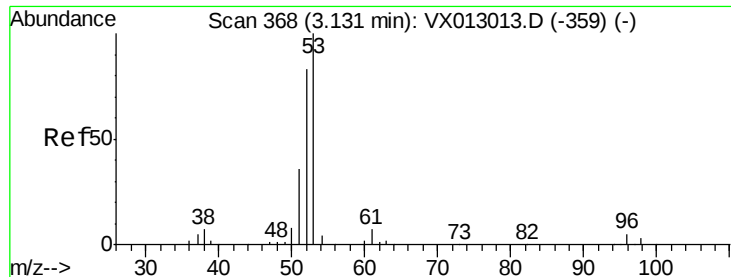
10000

0

Time-->

2.60 2.70 2.80





#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

ClientSampleId :

VX1014WBS01

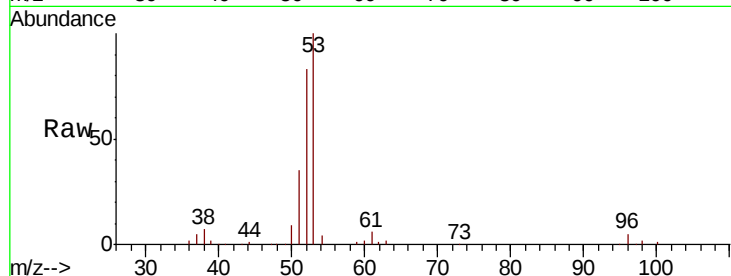
Tot Ion: 53 Resp: 116791

Ion Ratio Lower Upper

53 100

52 81.6 66.2 99.2

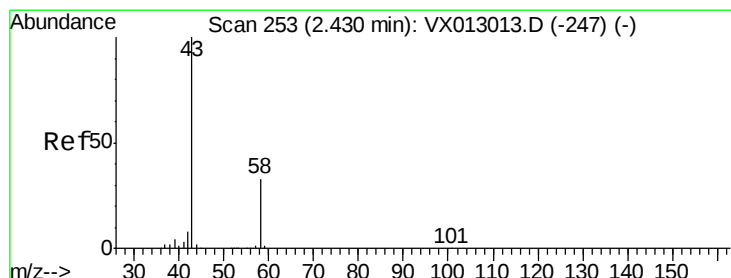
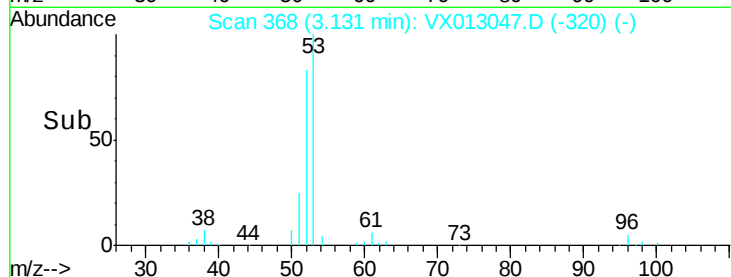
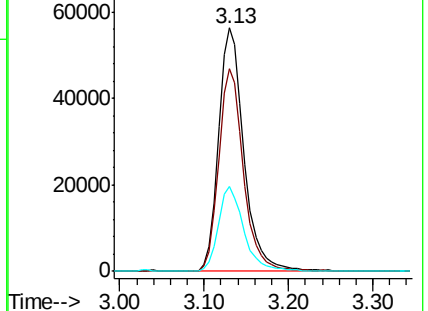
51 35.4 28.2 42.4



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

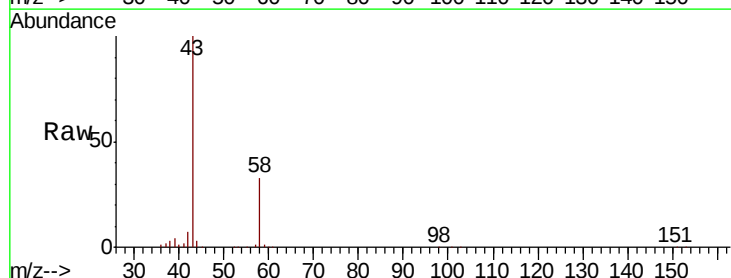
Acq: 14 Oct 2019 13:22

Tgt Ion: 43 Resp: 111431

Ion Ratio Lower Upper

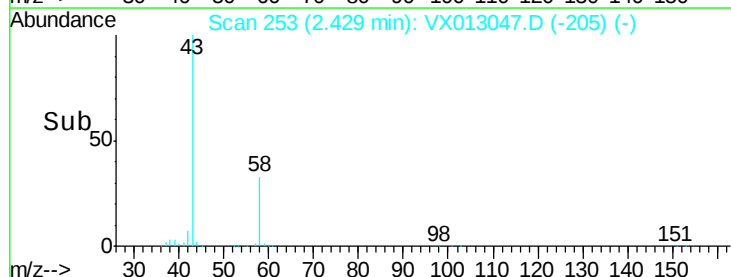
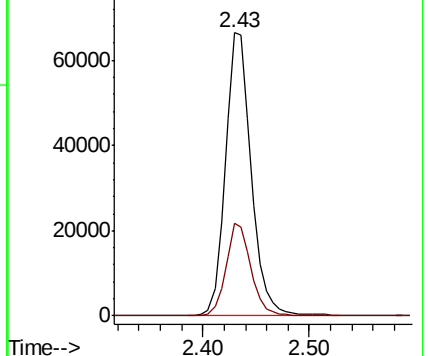
43 100

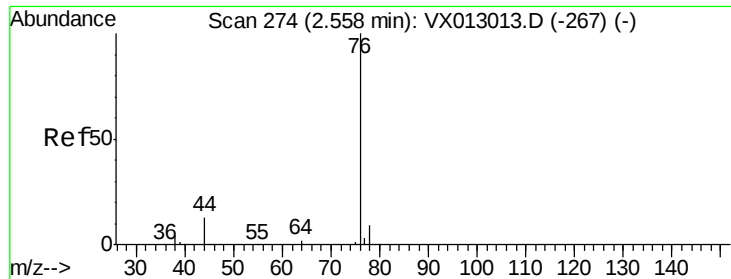
58 32.6 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

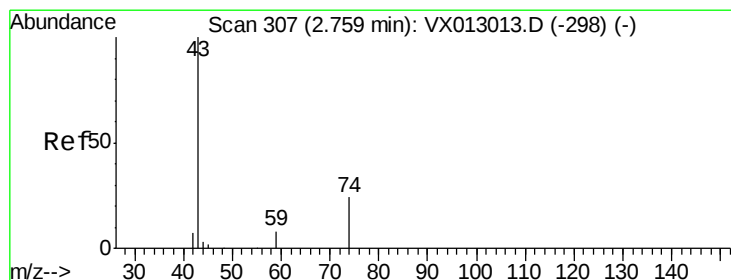
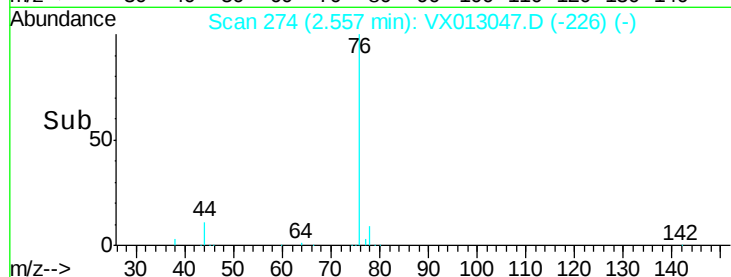
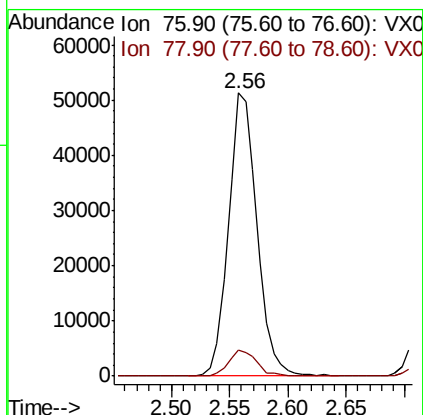
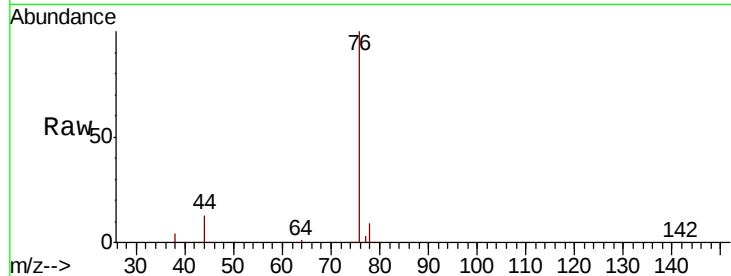




#17
Carbon Disulfide
Concen: 16.280 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

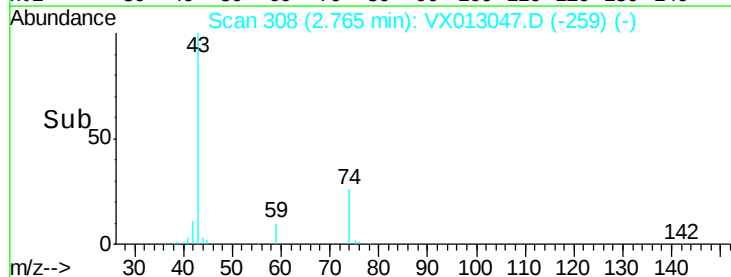
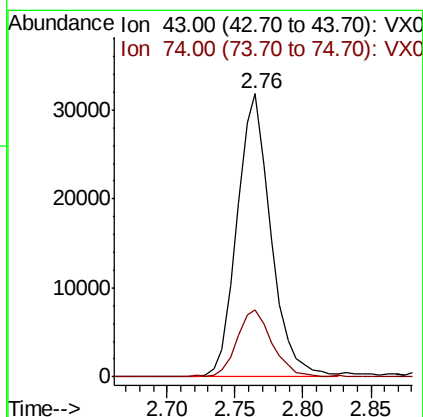
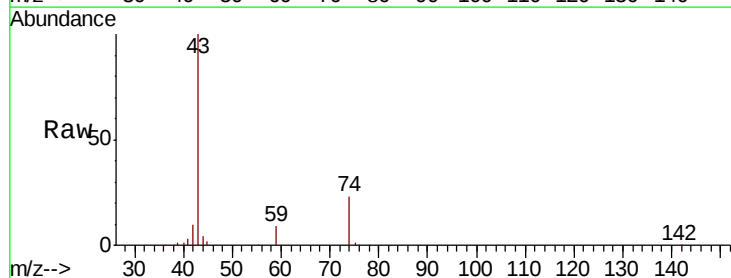
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

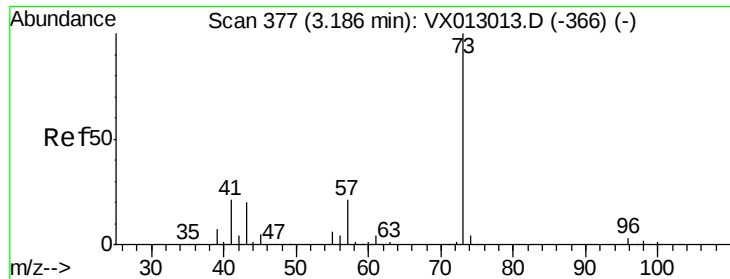
Tot Ion: 76 Resp: 87107
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7



#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

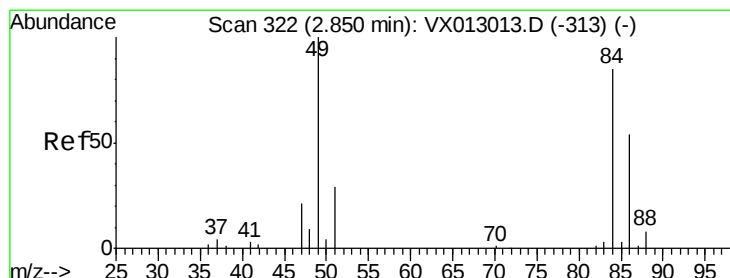
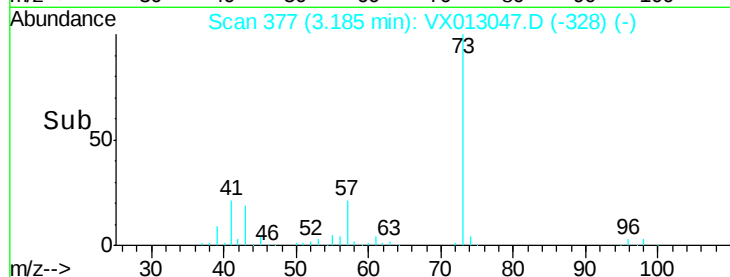
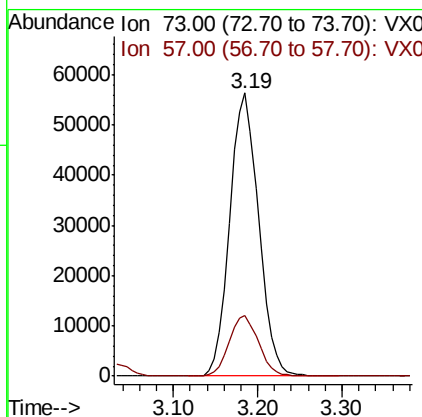
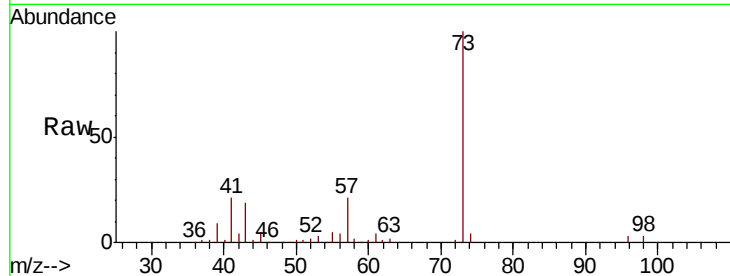




#19
Methyl tert-butyl Ether
Concen: 20.228 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

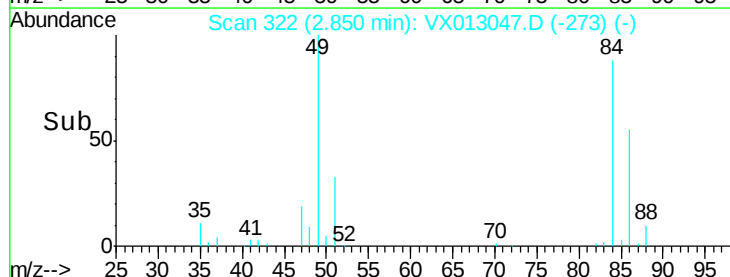
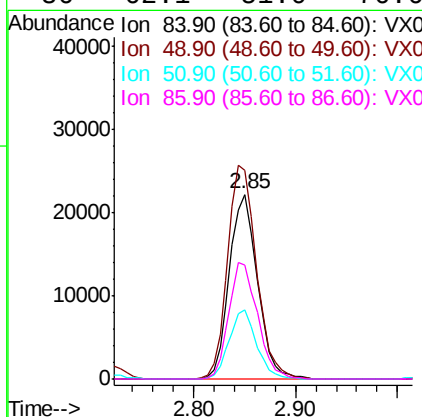
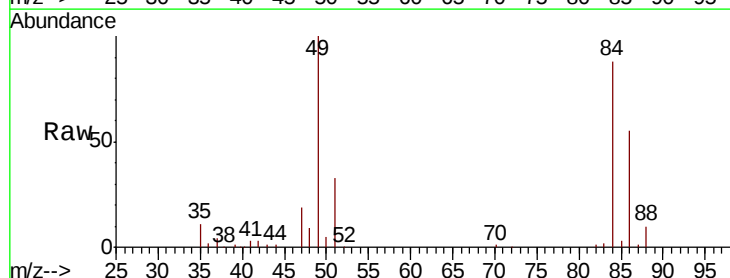
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

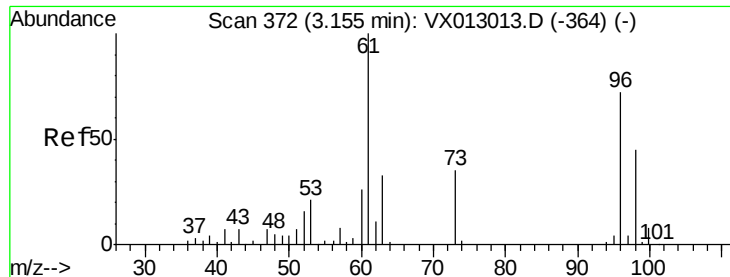
Tot Ion: 73 Resp: 131082
Ion Ratio Lower Upper
73 100
57 21.5 17.8 26.6



#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 :

VX1014WBS01

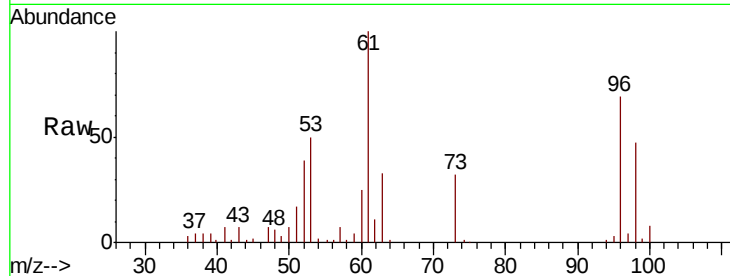
Tot Ion: 96 Resp: 38631

Ion Ratio Lower Upper

96 100

61 143.9 110.4 165.6

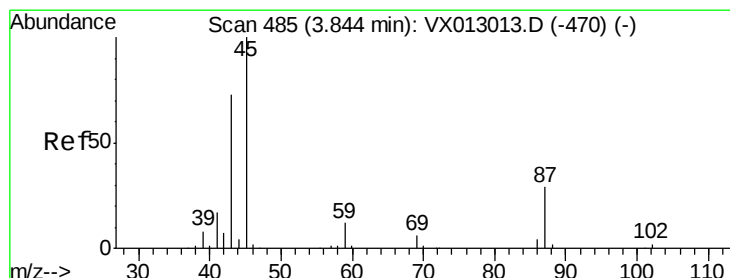
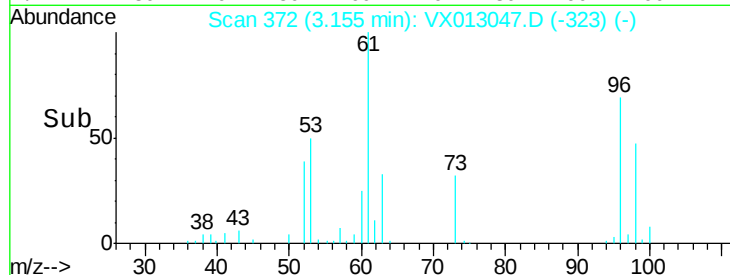
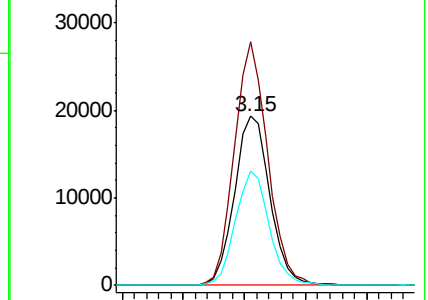
98 67.7 51.5 77.3



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

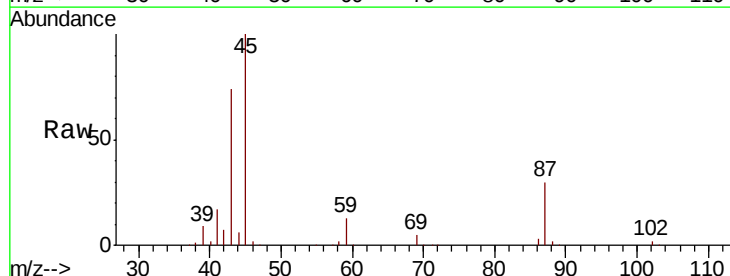
Ion Ratio Lower Upper

45 100

43 73.8 51.4 77.0

87 29.9 22.5 33.7

59 13.2 9.7 14.5

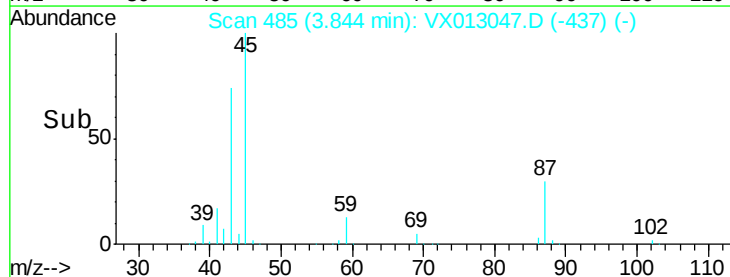
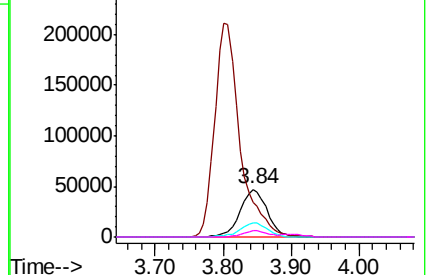


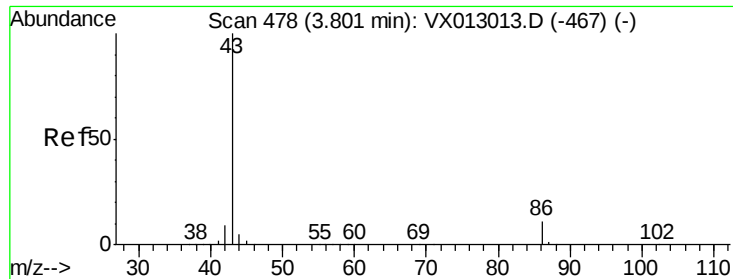
Abundance Ion 45.00 (44.70 to 45.70): VX0

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 :

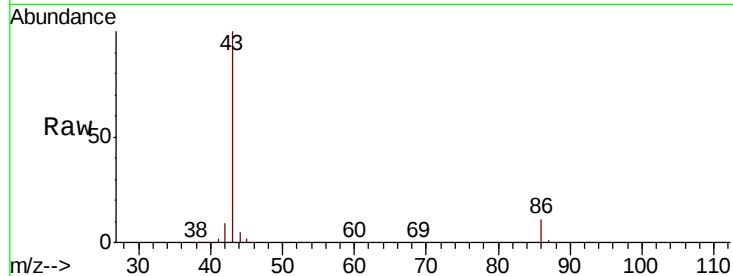
VX1014WBS01

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

250000

200000

150000

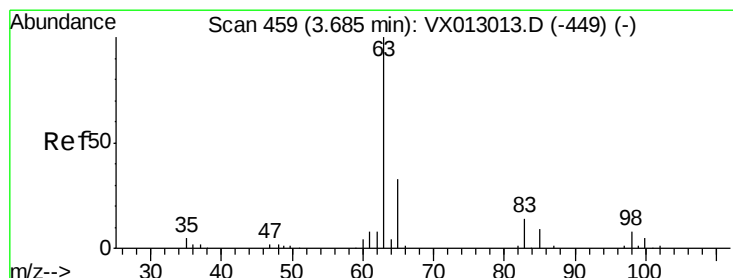
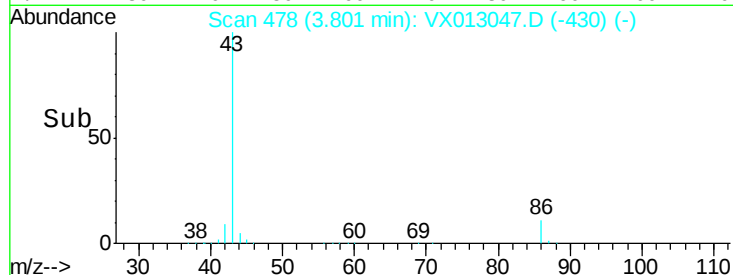
100000

50000

0

3.70 3.80 3.90 4.00

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

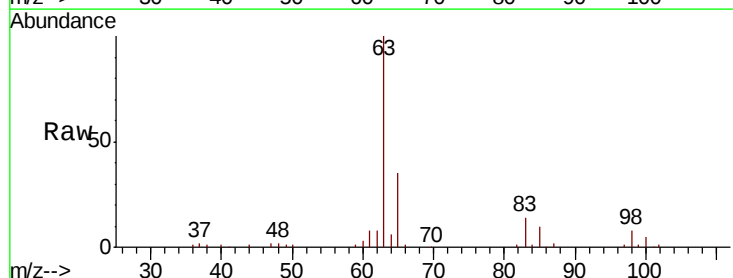
Tgt Ion: 63 Resp: 71077

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

40000

30000

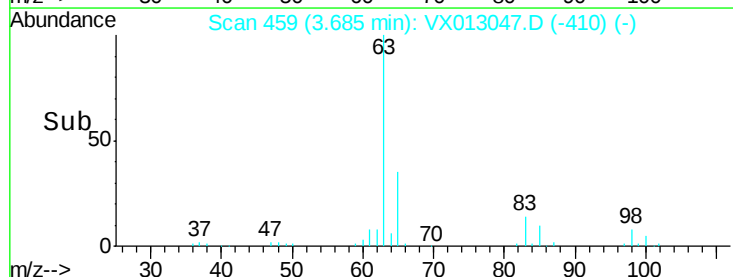
20000

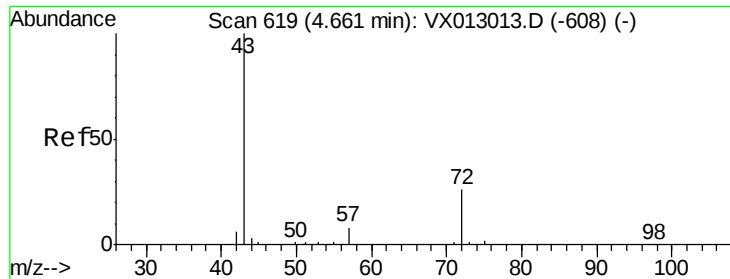
10000

0

3.60 3.70 3.80

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

ClientSampleId :

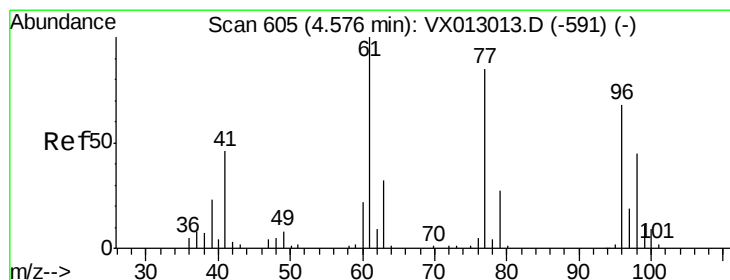
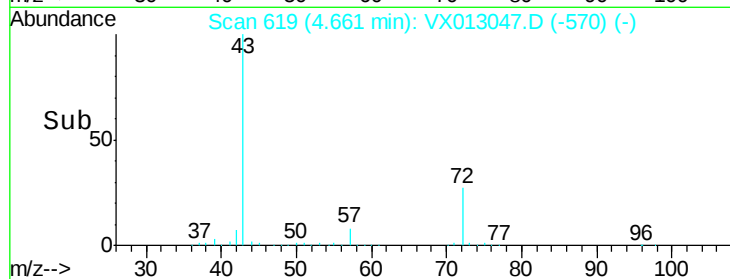
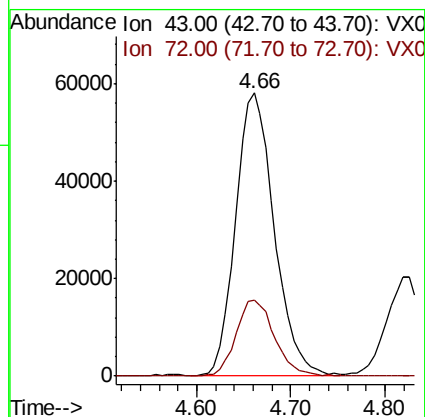
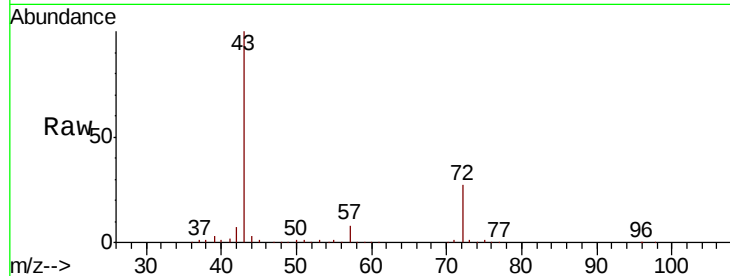
VX1014WBS01

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

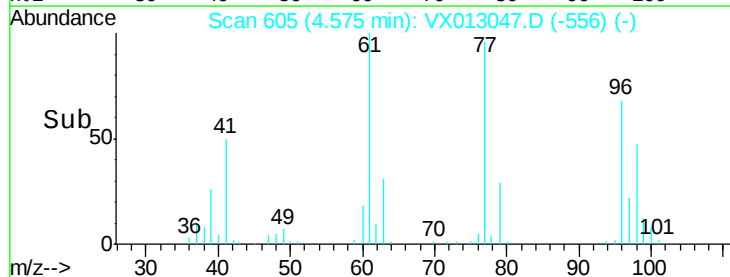
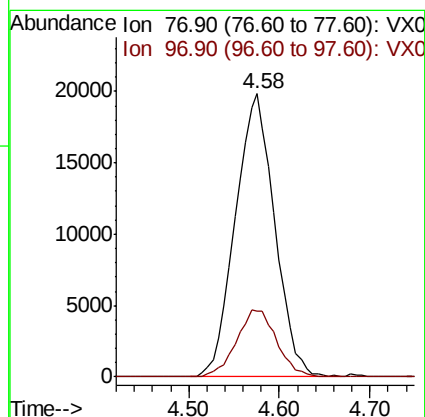
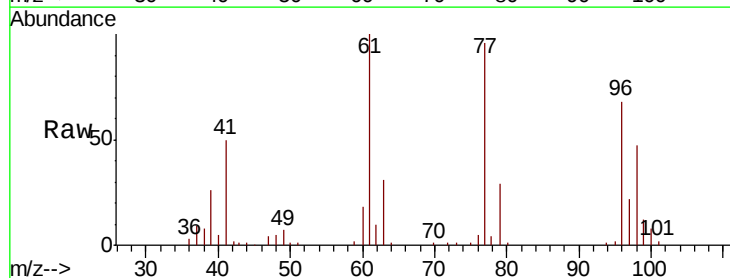
Acq: 14 Oct 2019 13:22

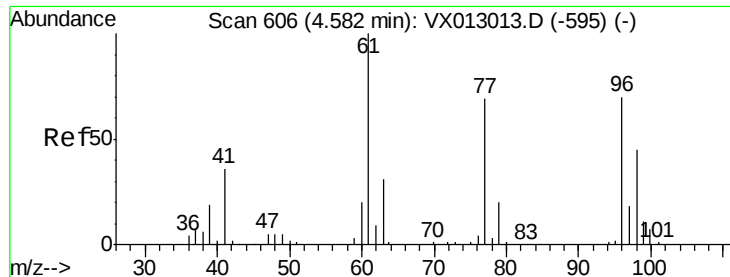
Tgt Ion: 77 Resp: 59623

Ion Ratio Lower Upper

77 100

97 24.2 11.3 33.9



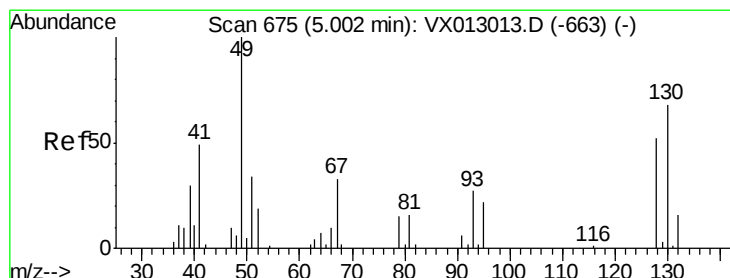
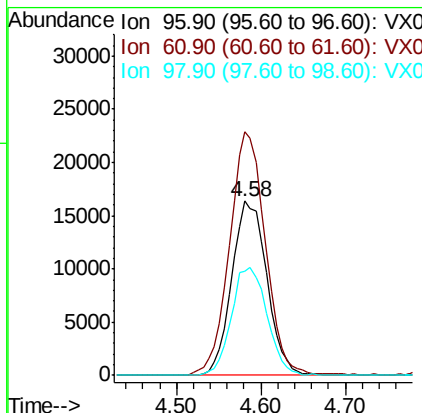
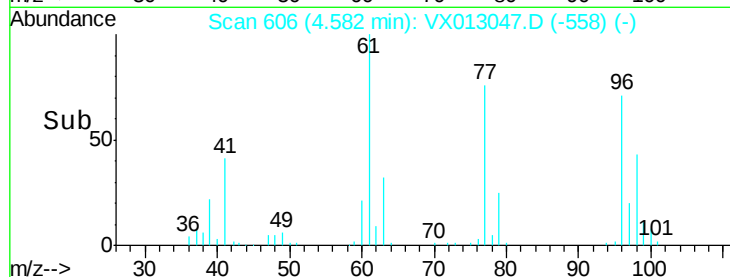
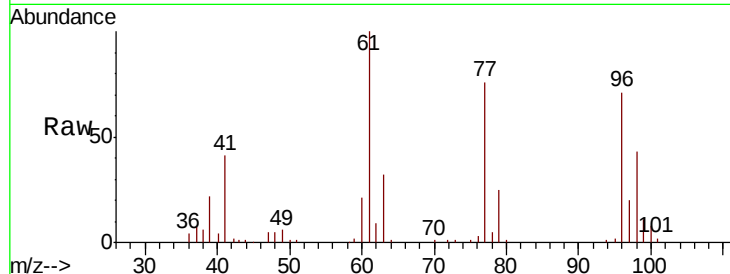


#27

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
ClientSampleId :
VX1014WBS01

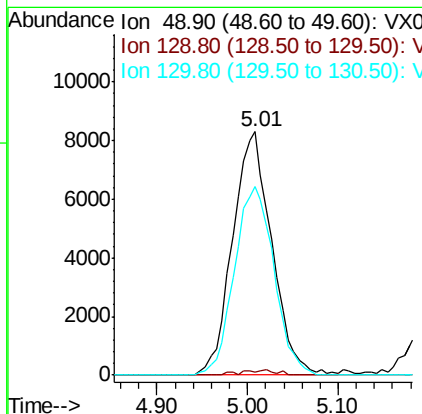
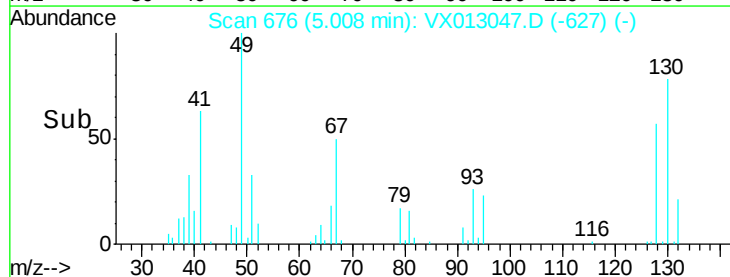
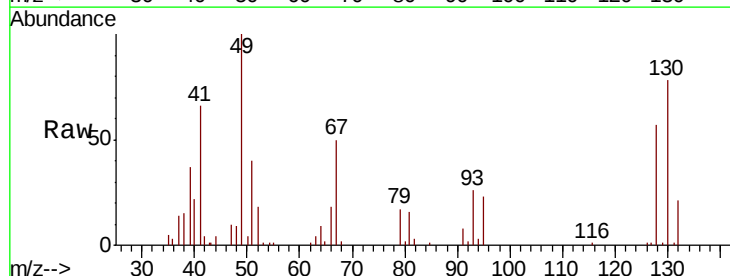
Tot Ion: 96 Resp: 46291
Ion Ratio Lower Upper
96 100
61 142.3 0.0 290.6
98 62.6 0.0 128.8

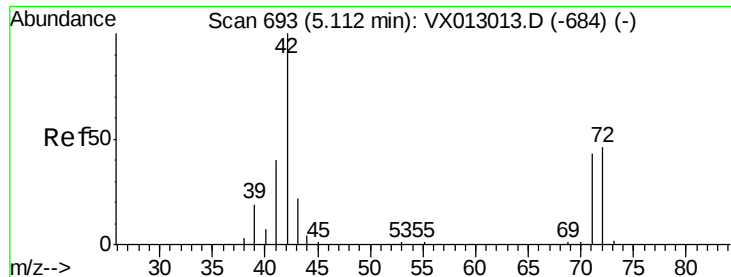


#28

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

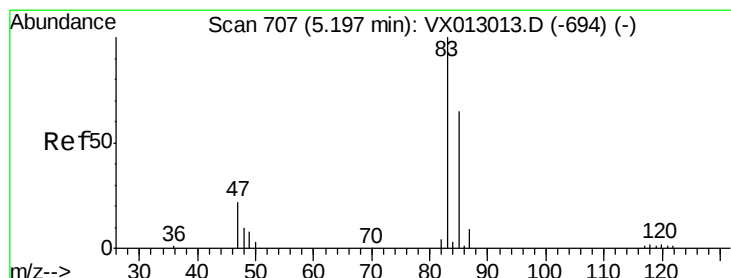
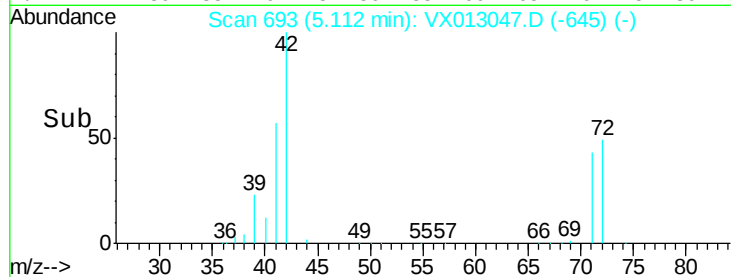
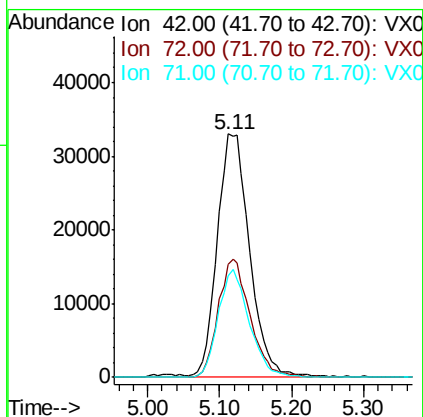
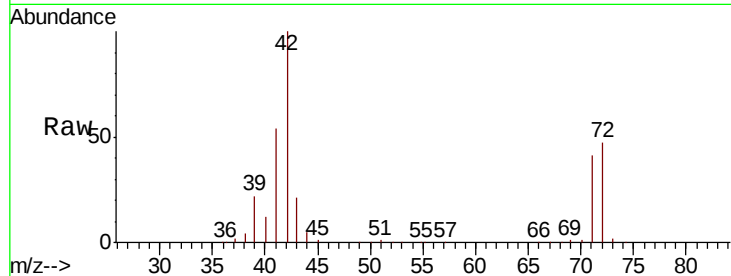




#29
Tetrahydrofuran
Concen: 98.359 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

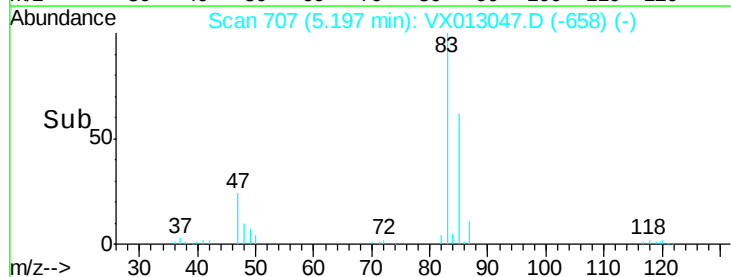
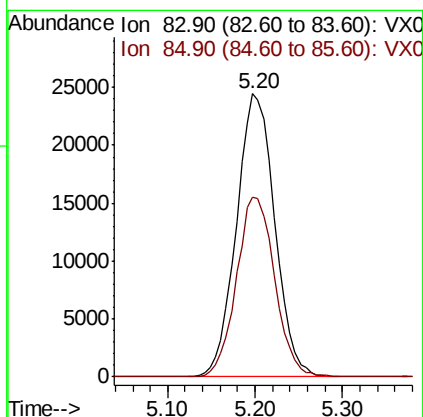
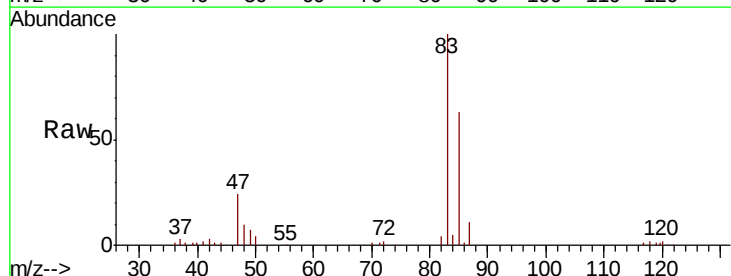
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

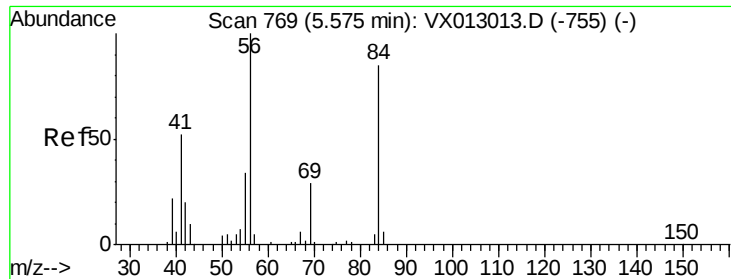
Tot Ion: 42 Resp: 102729
Ion Ratio Lower Upper
42 100
72 48.1 36.9 55.3
71 42.6 33.5 50.3



#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





#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 :

VX1014WBS01

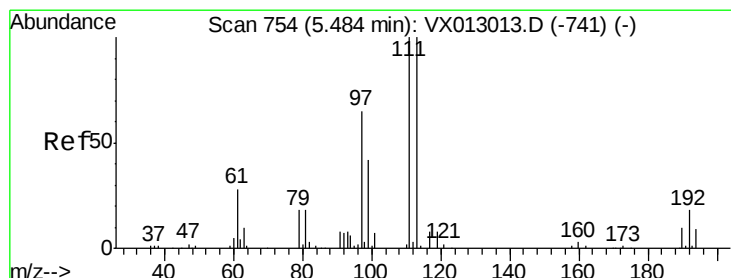
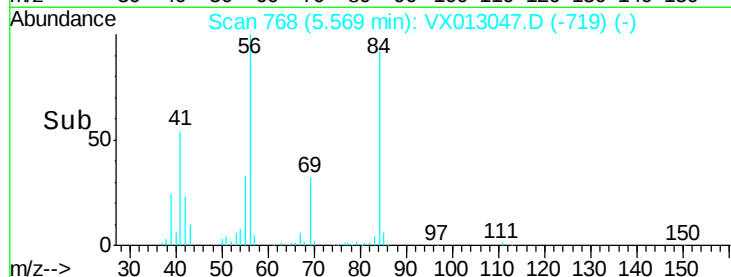
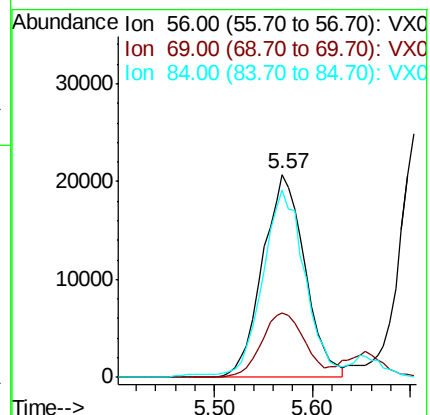
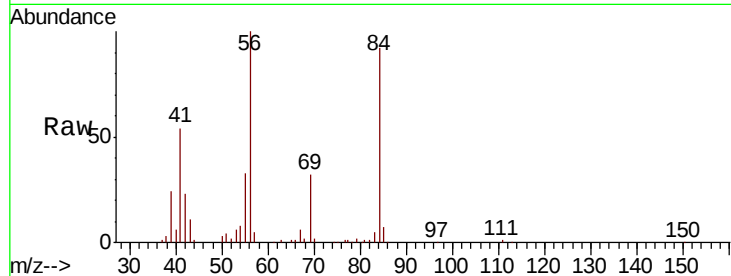
Tot Ion: 56 Resp: 62453

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

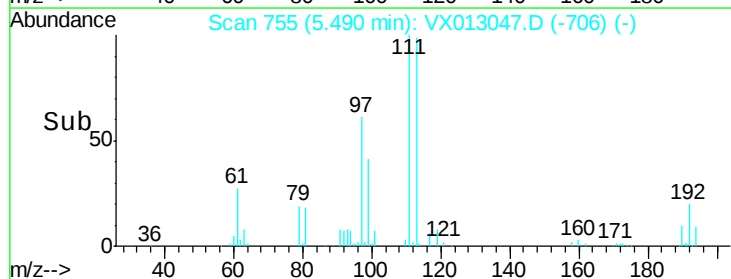
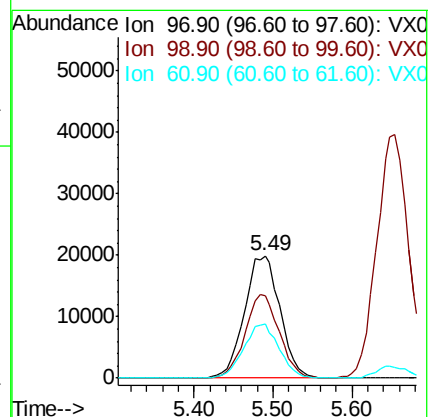
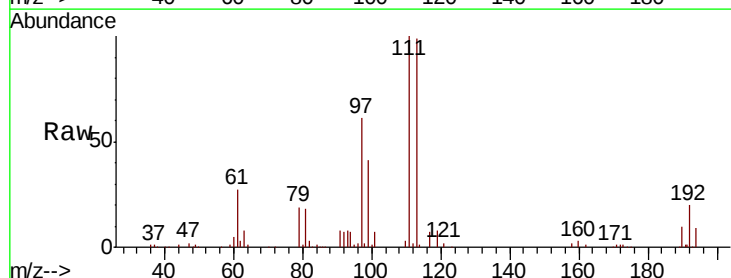
Tgt Ion: 97 Resp: 62440

Ion Ratio Lower Upper

97 100

99 65.2 52.3 78.5

61 43.9 35.0 52.4

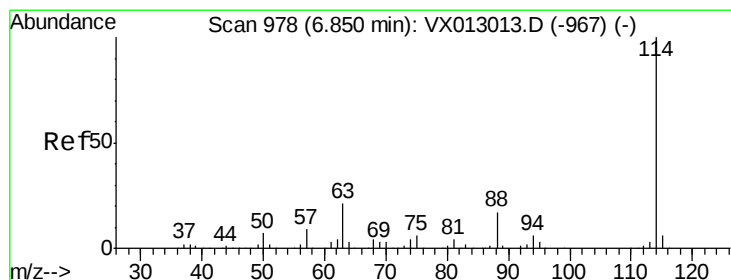
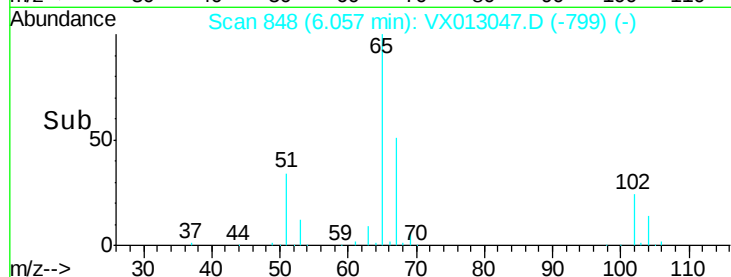
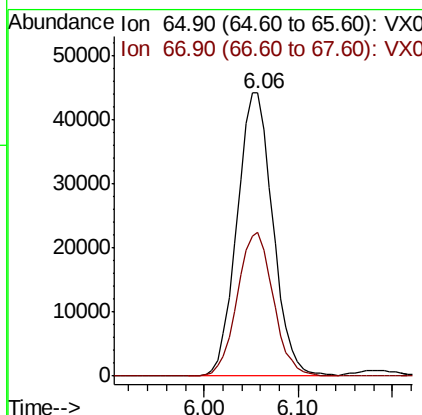
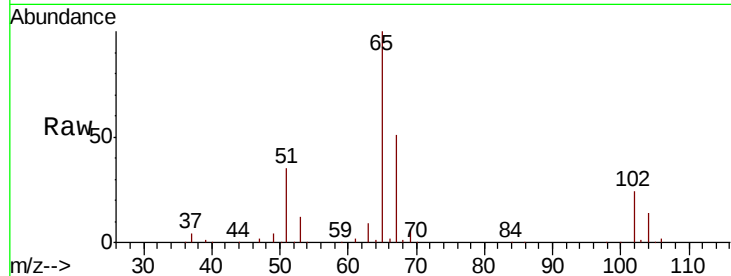




#33
 1,2-Dichloroethane-d4
 Concen: 50.290 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

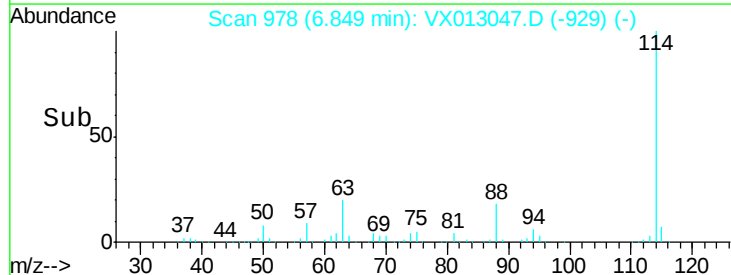
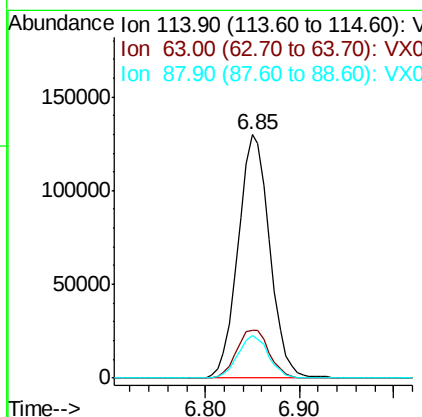
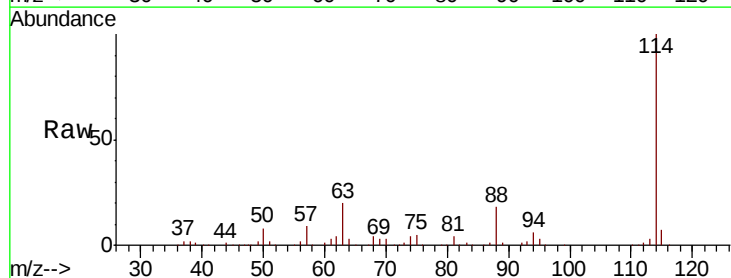
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBS01

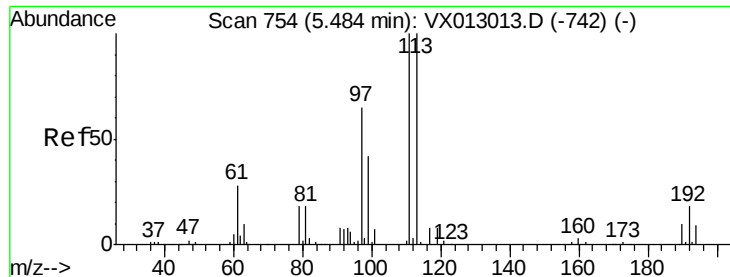
Tot Ion: 65 Resp: 116720
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 104.4



#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

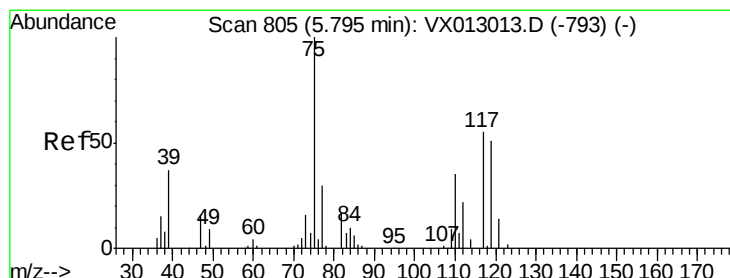
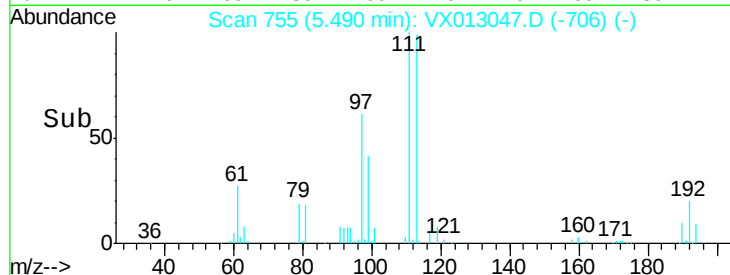
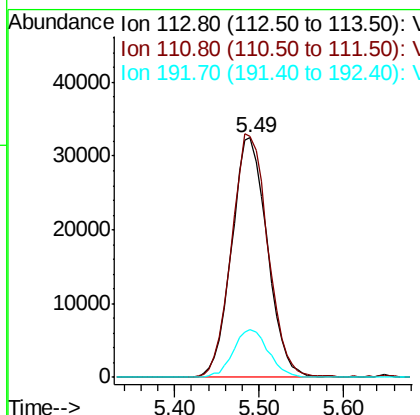
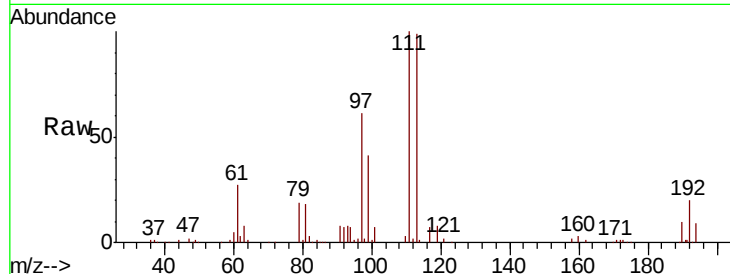




#35
 Dibromofluoromethane
 Concen: 53.257 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

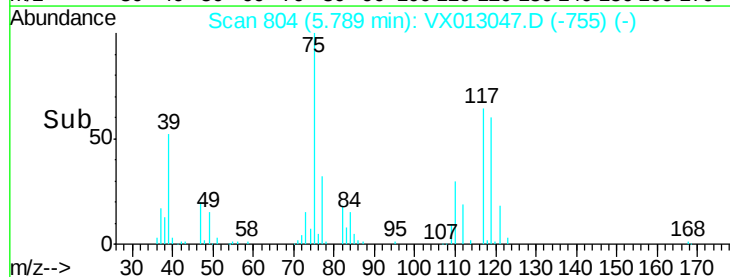
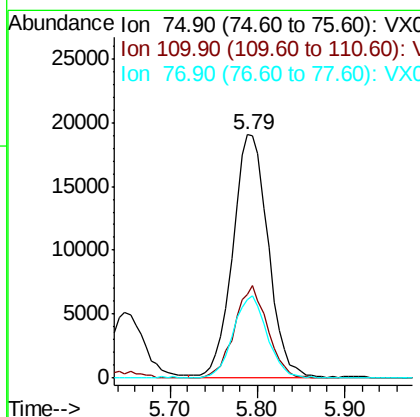
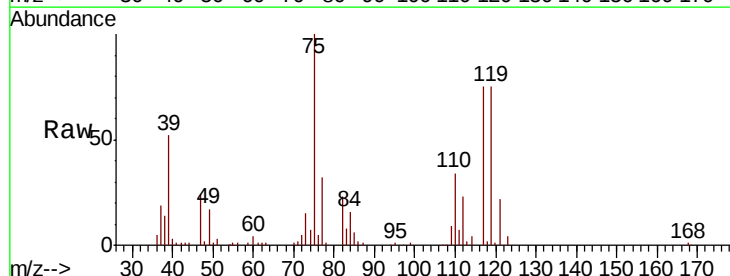
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBS01

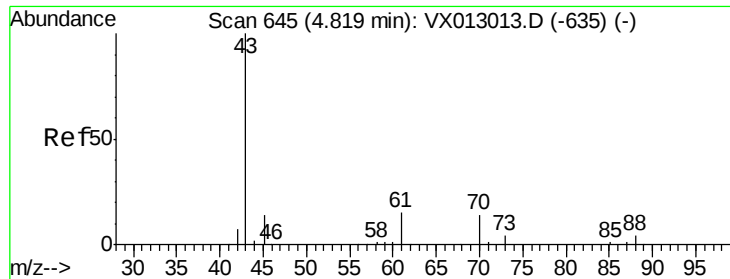
Tot Ion:113 Resp: 93018
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.2 124.8
 192 19.6 15.4 23.2



#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

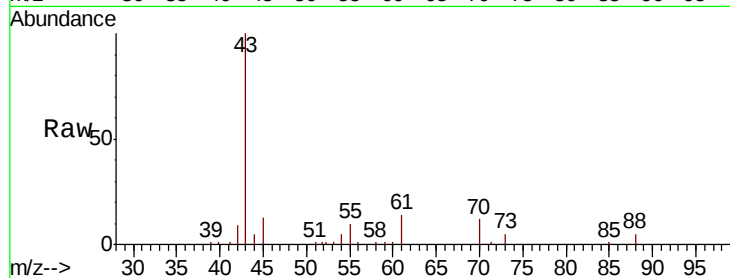




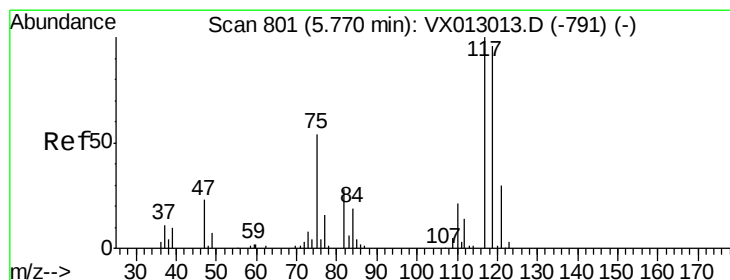
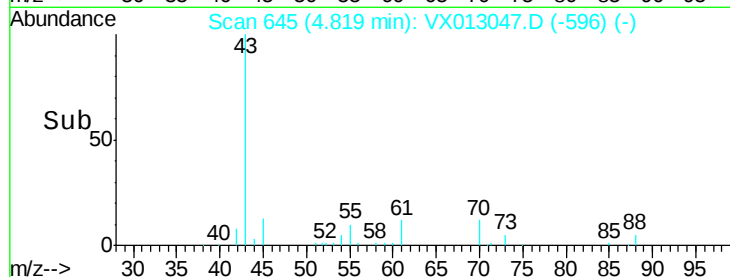
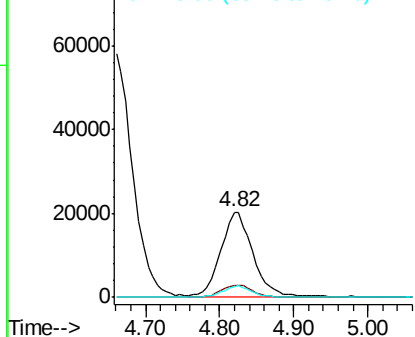
#37
Ethyl Acetate
Concen: 20.078 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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

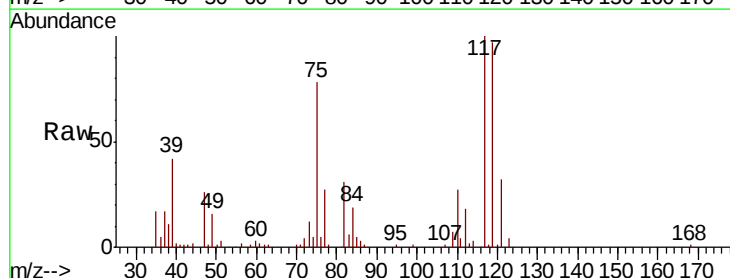


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

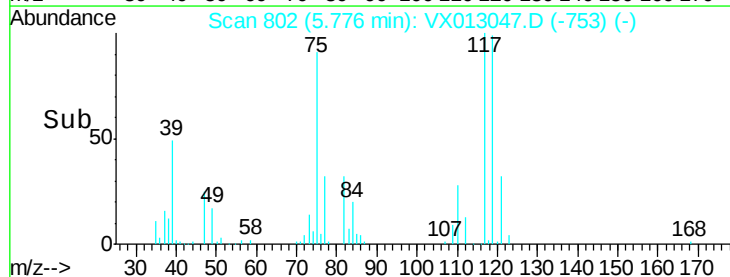
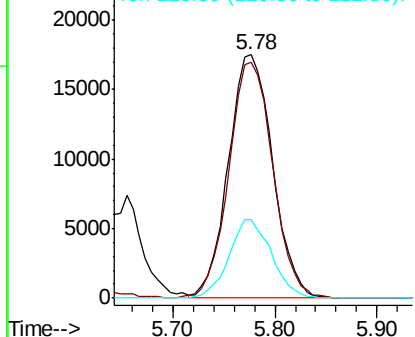


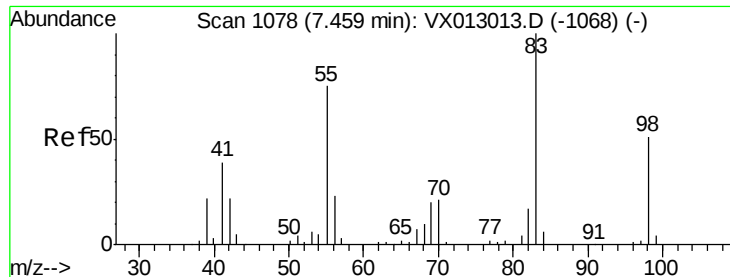
#38
Carbon Tetrachloride
Concen: 20.225 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

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

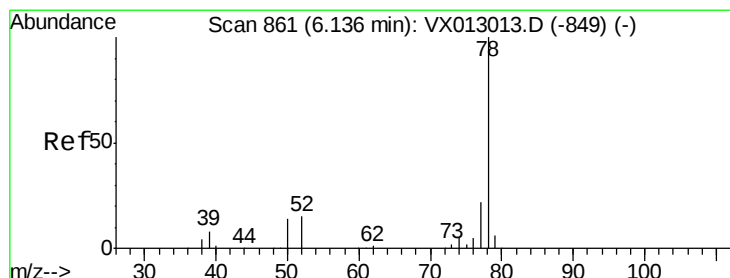
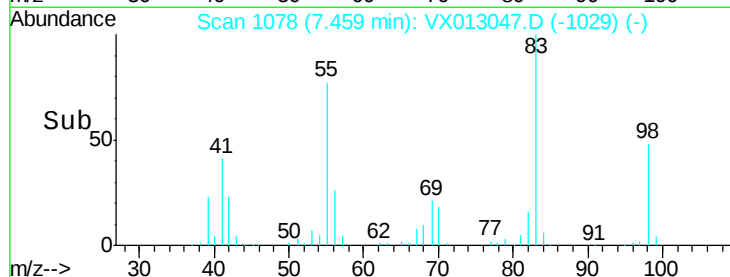
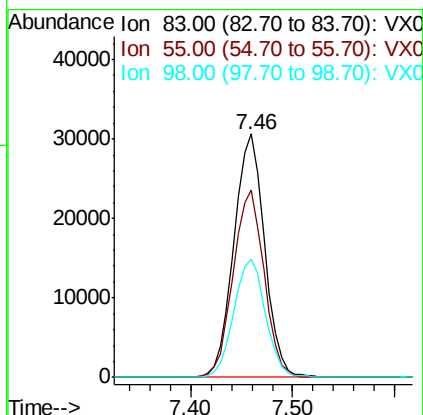
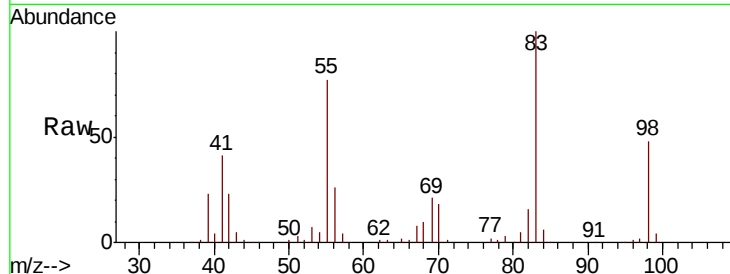




#39
Methvlcvclohexane
Concen: 19.686 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

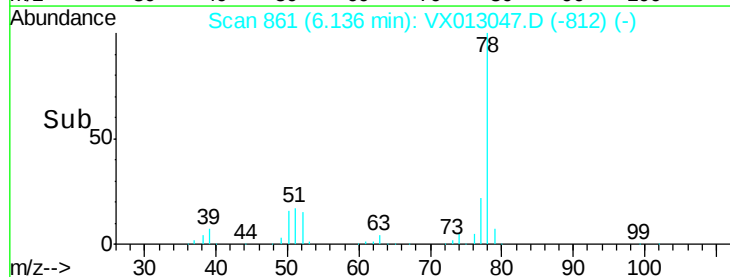
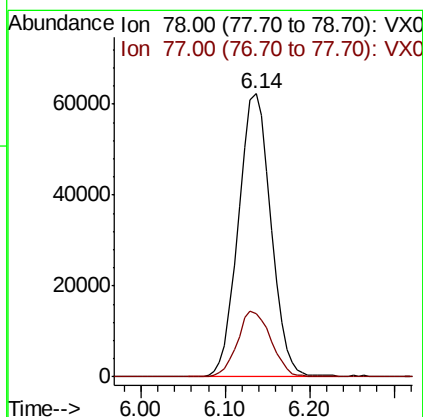
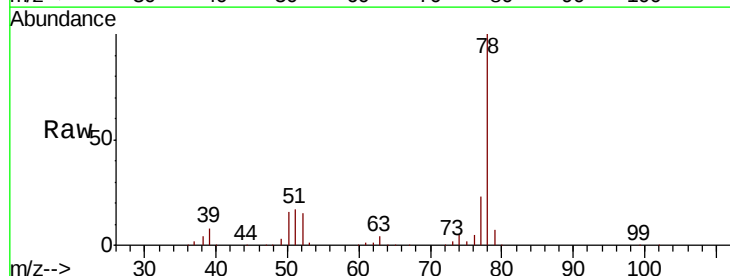
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

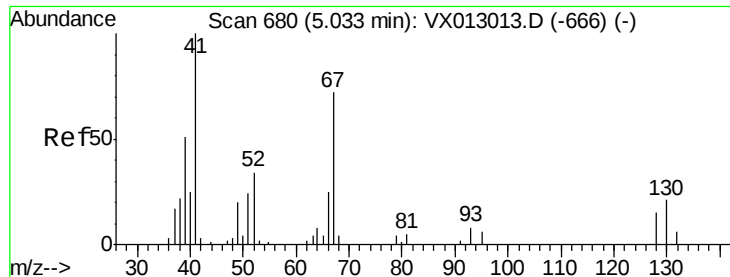
Tot Ion: 83 Resp: 63875
Ion Ratio Lower Upper
83 100
55 76.9 60.2 90.4
98 48.4 38.5 57.7



#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

ClientSampleId :

VX1014WBS01

Tot Ion: 41 Resp: 33298

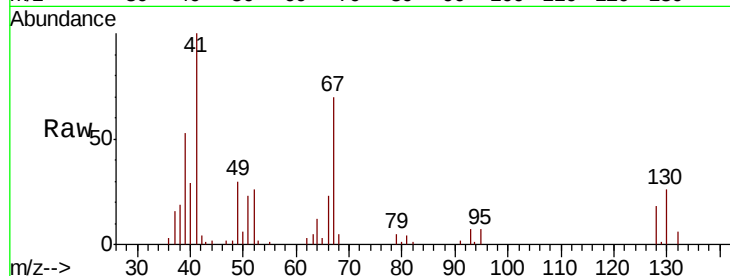
Ion Ratio Lower Upper

41 100

39 54.9 44.0 66.0

67 74.2 58.5 87.7

52 30.6 23.8 35.8

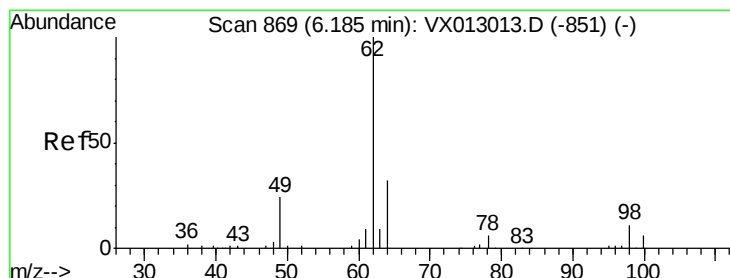
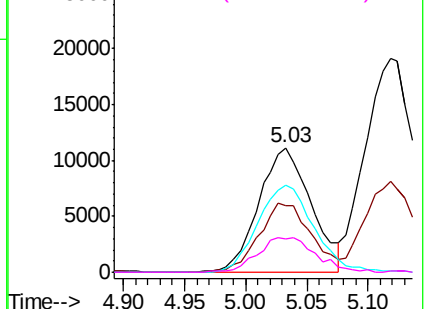
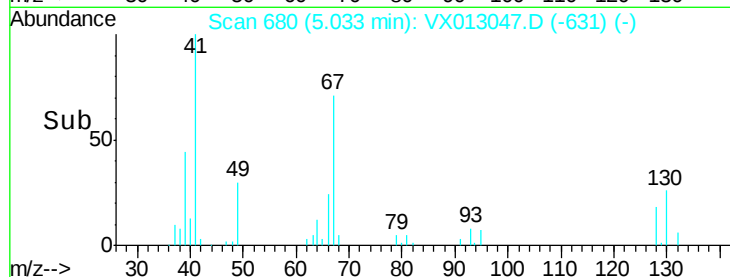


Abundance Ion 41.00 (40.70 to 41.70): VX0

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

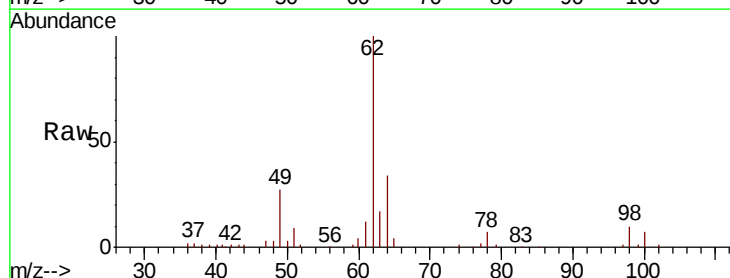
Acq: 14 Oct 2019 13:22

Tgt Ion: 62 Resp: 57487

Ion Ratio Lower Upper

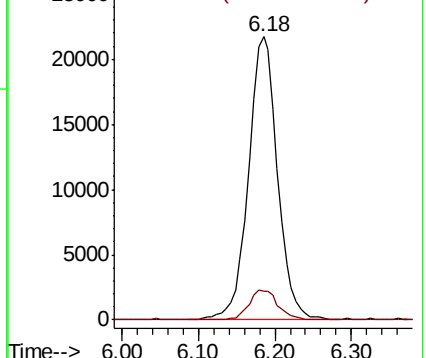
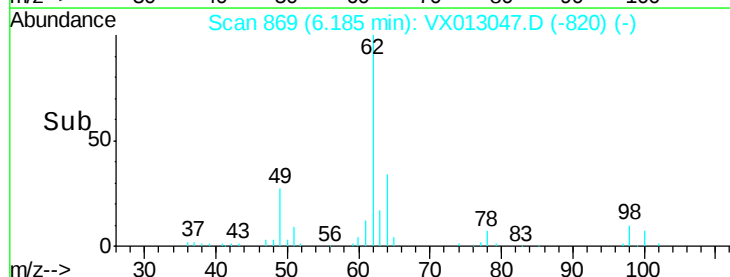
62 100

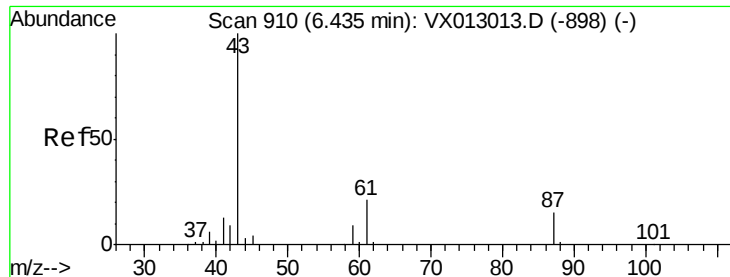
98 10.5 0.0 20.4



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 :

VX1014WBS01

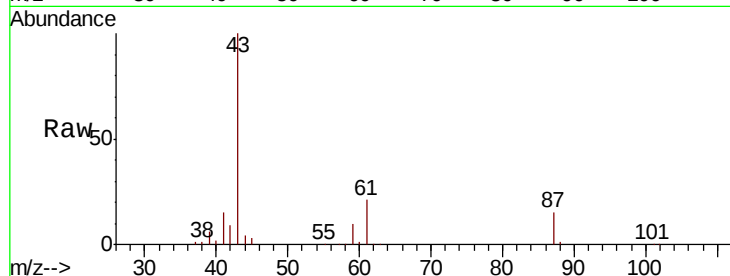
Tot Ion: 43 Resp: 97245

Ion Ratio Lower Upper

43 100

61 21.1 16.6 24.8

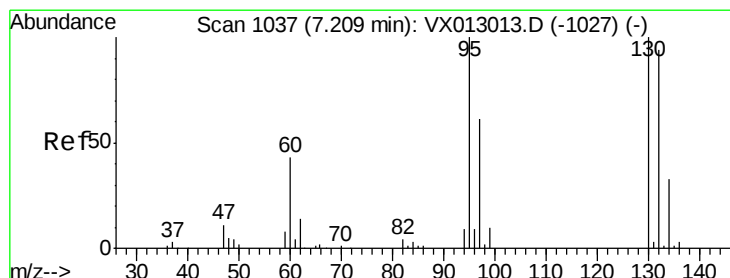
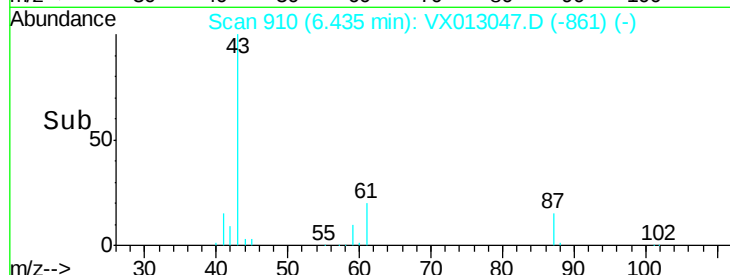
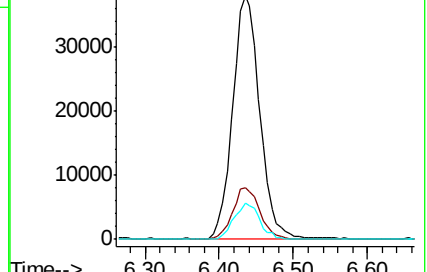
87 14.2 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX013013.D (-898) (-)

Ion 61.00 (60.70 to 61.70): VX013013.D (-898) (-)

Ion 87.00 (86.70 to 87.70): VX013013.D (-898) (-)



#44

Trichloroethene

Concen: 19.451 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX013047.D

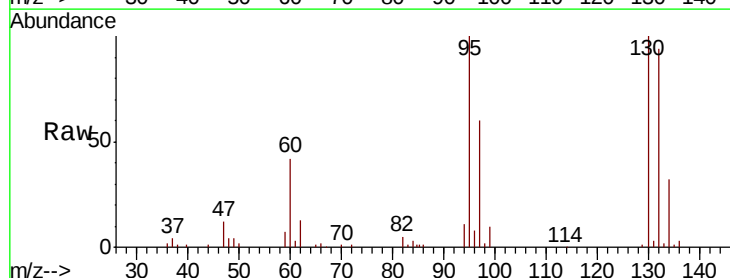
Acq: 14 Oct 2019 13:22

Tgt Ion: 130 Resp: 42622

Ion Ratio Lower Upper

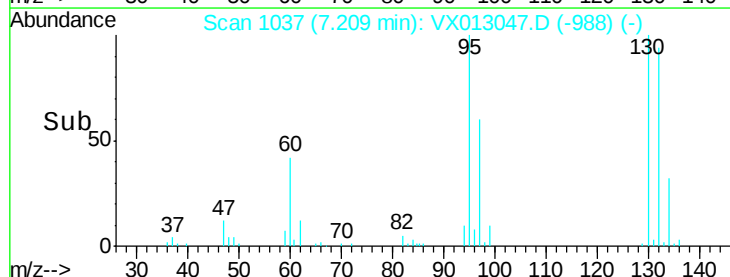
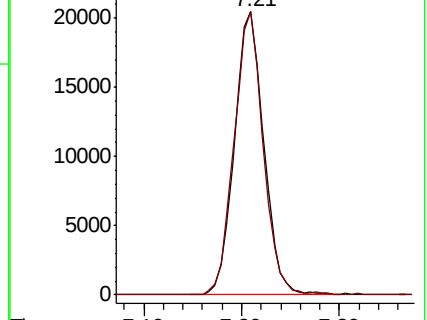
130 100

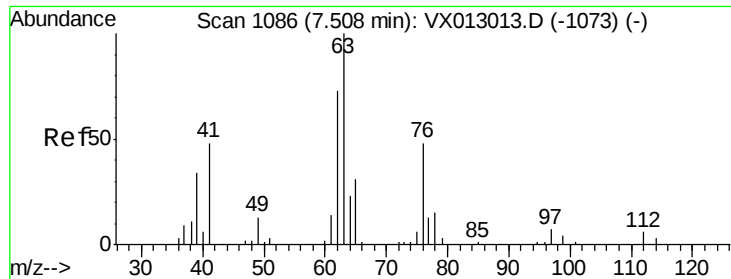
95 100.0 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): VX013013.D (-1027) (-)

Ion 94.90 (94.60 to 95.60): VX013013.D (-1027) (-)

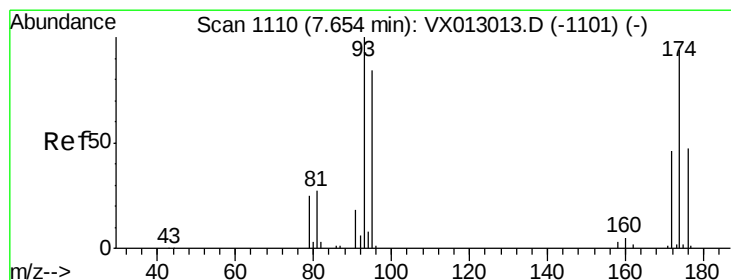
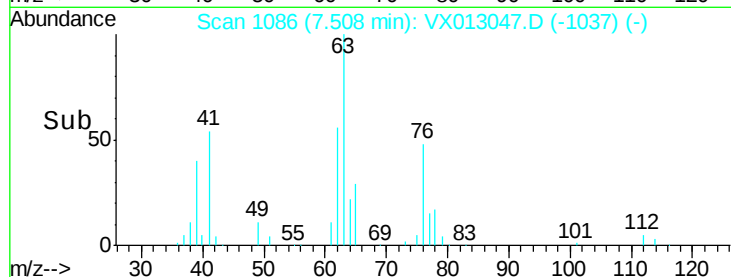
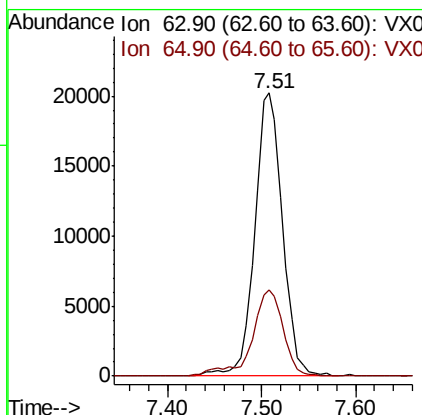
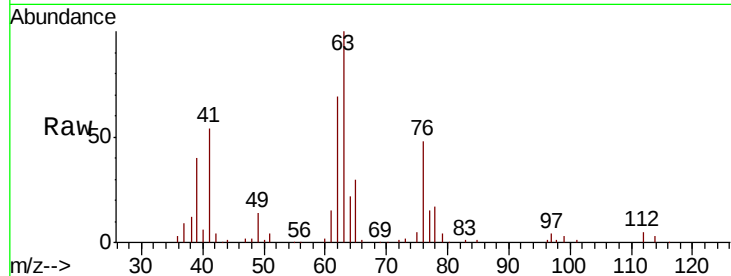




#45
 1,2-Dichloropropane
 Concen: 20.771 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

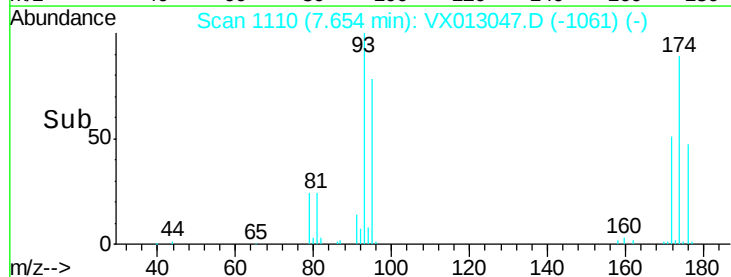
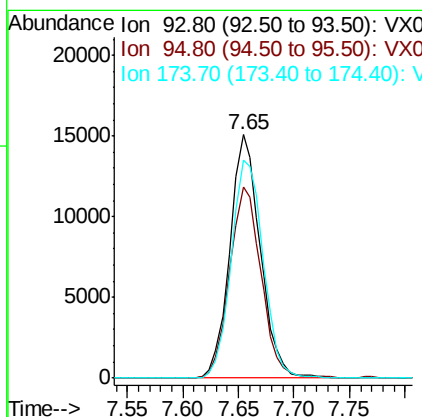
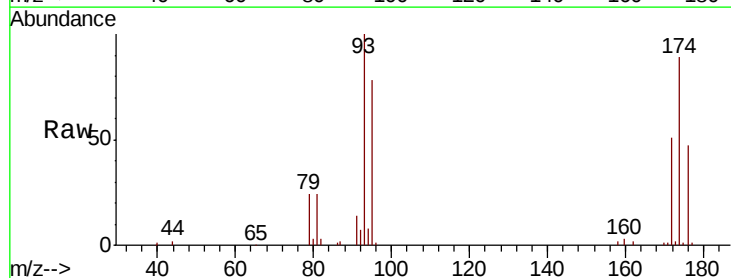
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBS01

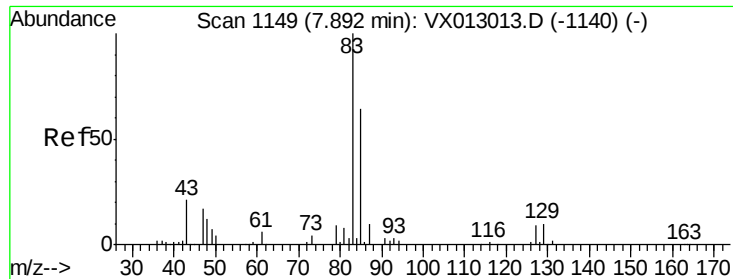
Tot Ion: 63 Resp: 41832
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.6 37.0



#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





#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

ClientSampleId :

VX1014WBS01

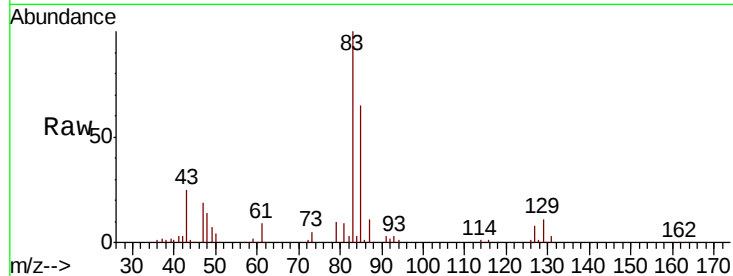
Tot Ion: 83 Resp: 53914

Ion Ratio Lower Upper

83 100

85 65.2 52.4 78.6

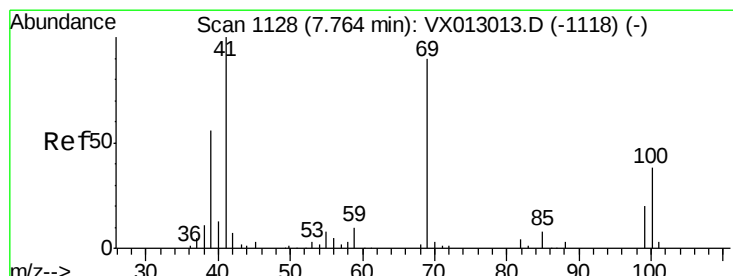
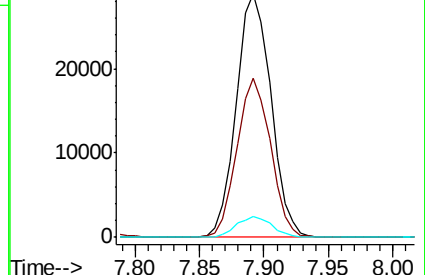
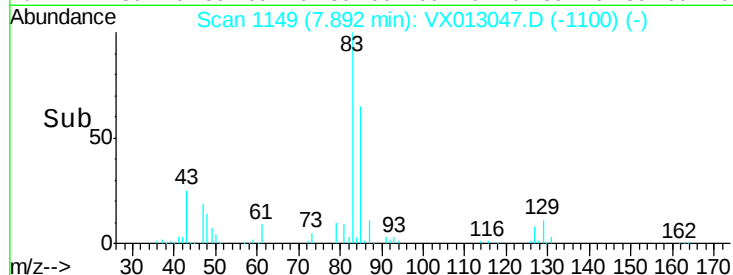
127 8.5 6.6 10.0



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

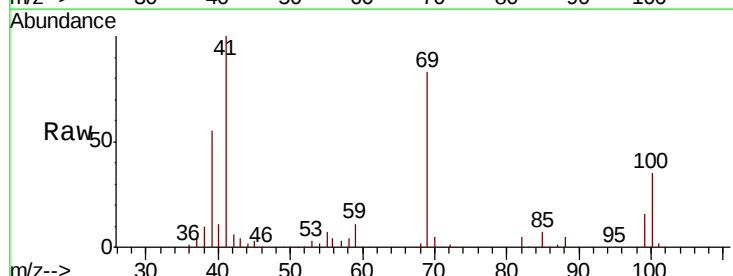
Tgt Ion: 41 Resp: 46527

Ion Ratio Lower Upper

41 100

69 86.0 68.7 103.1

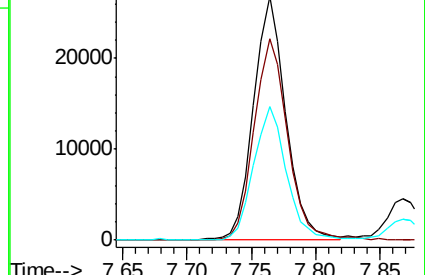
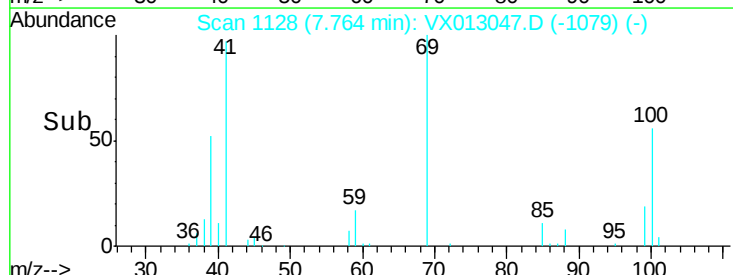
39 55.9 44.3 66.5

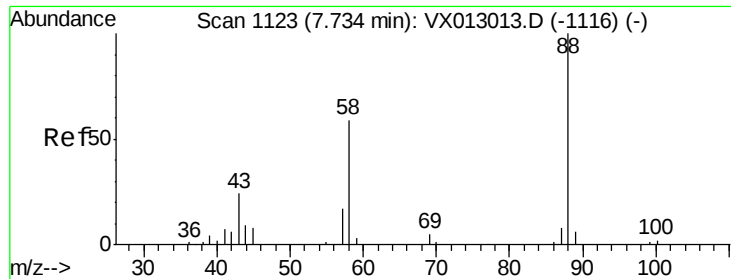


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

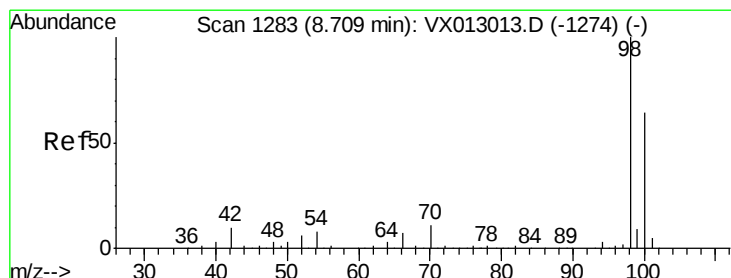
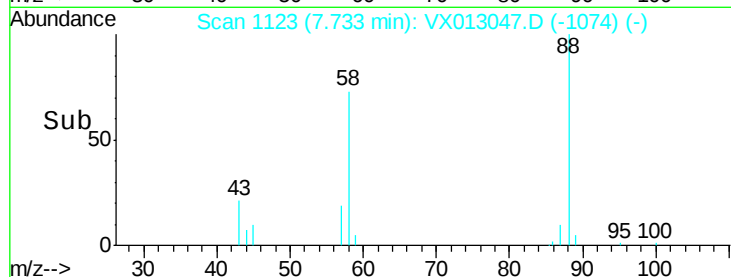
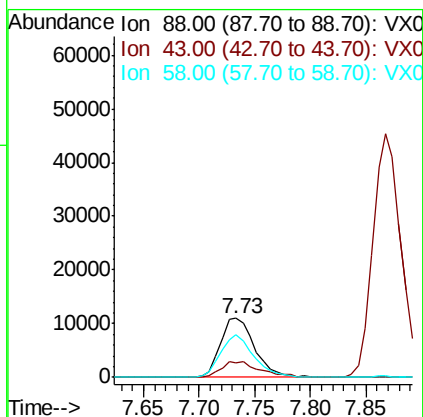
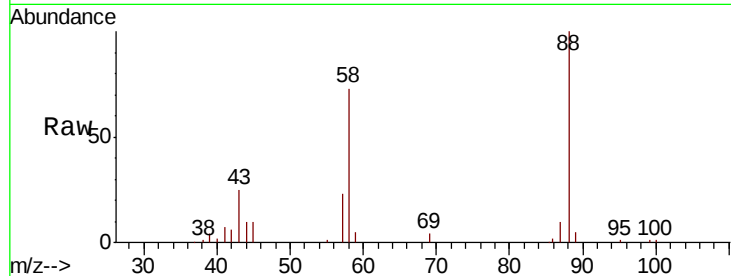




#49
1,4-Dioxane
Concen: 392.809 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

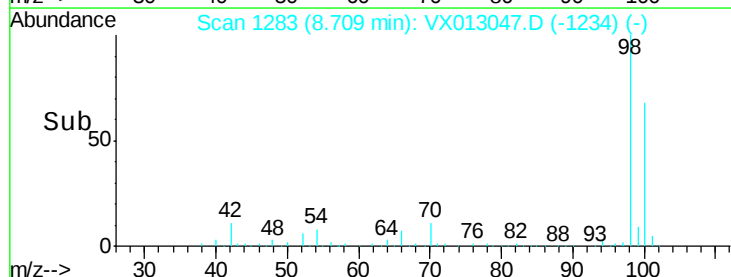
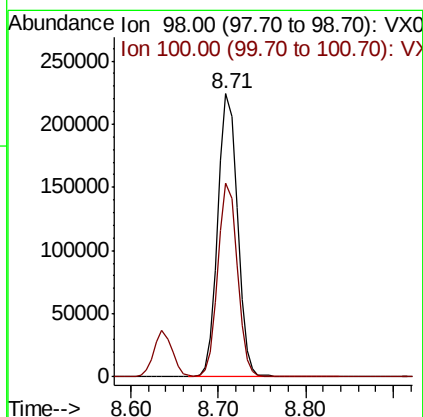
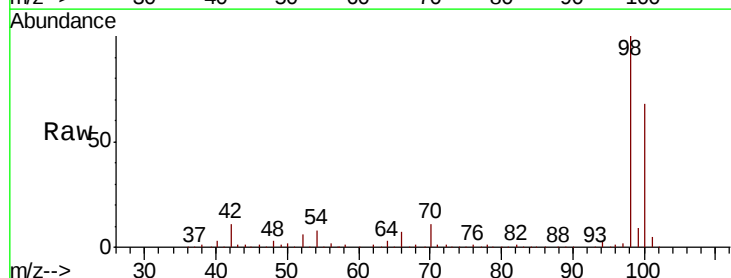
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

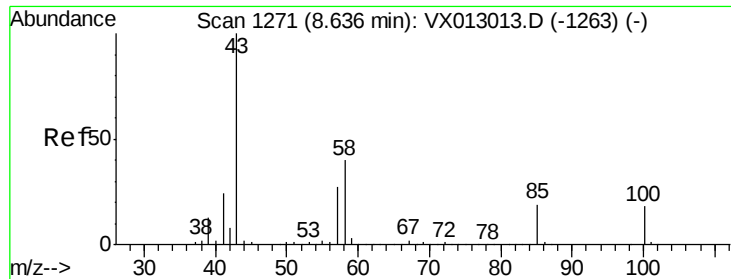
Tot Ion: 88 Resp: 23280
Ion Ratio Lower Upper
88 100
43 31.0 25.0 37.6
58 70.1 55.4 83.2



#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 :

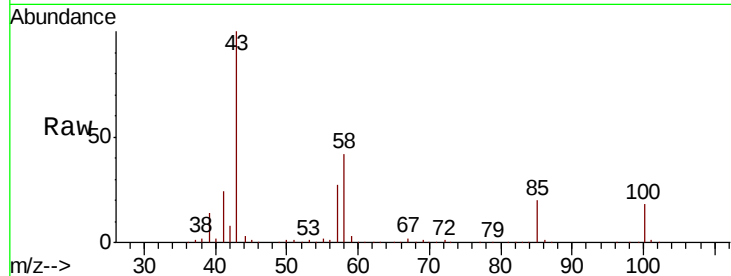
VX1014WBS01

Tot Ion: 43 Resp: 306452

Ion Ratio Lower Upper

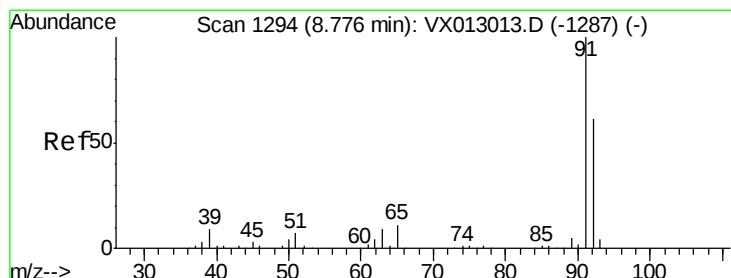
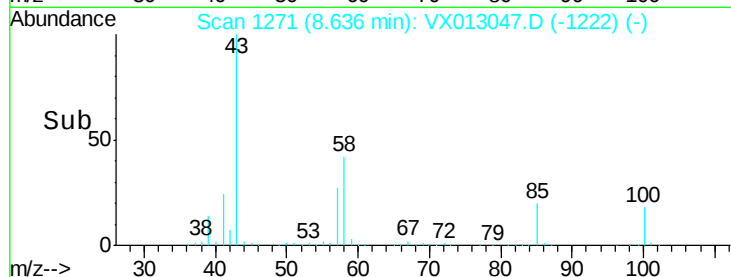
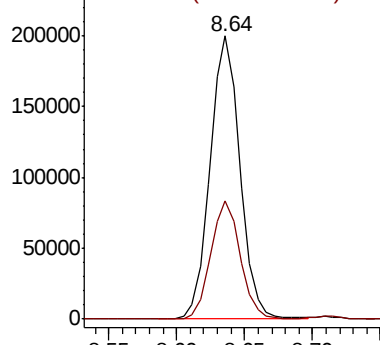
43 100

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

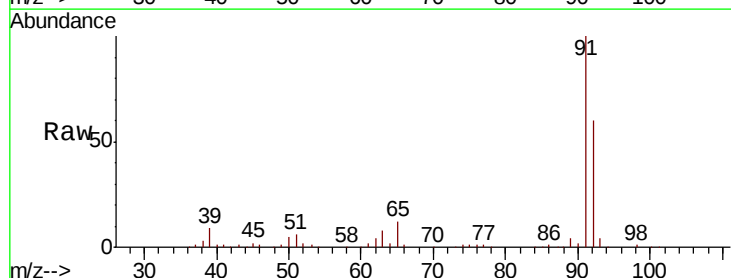
Acq: 14 Oct 2019 13:22

Tgt Ion: 92 Resp: 104652

Ion Ratio Lower Upper

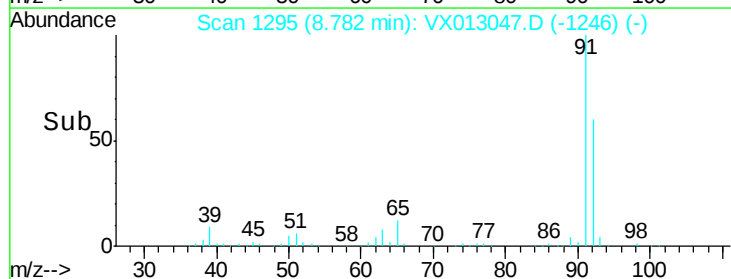
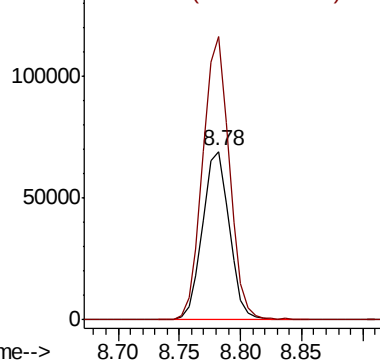
92 100

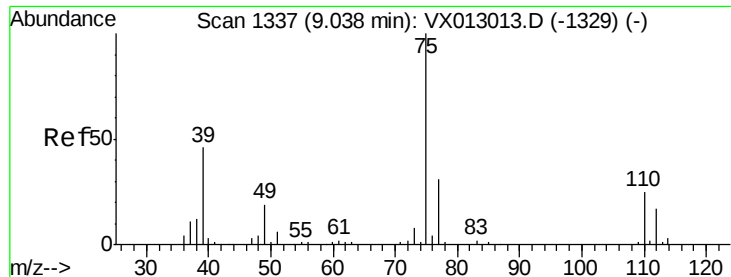
91 167.1 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

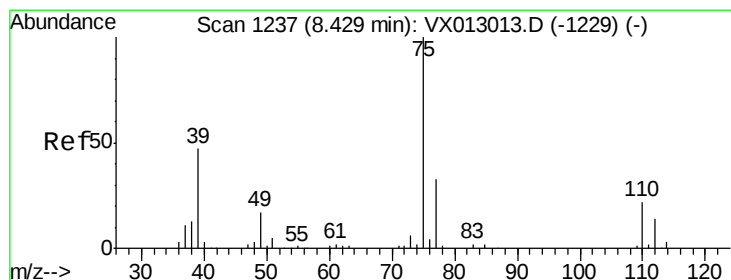
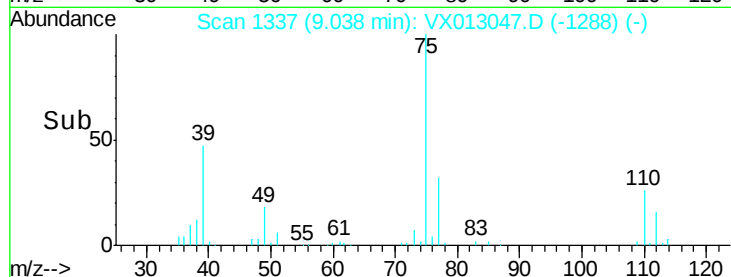
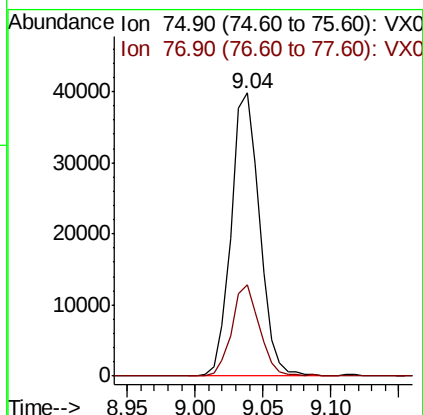
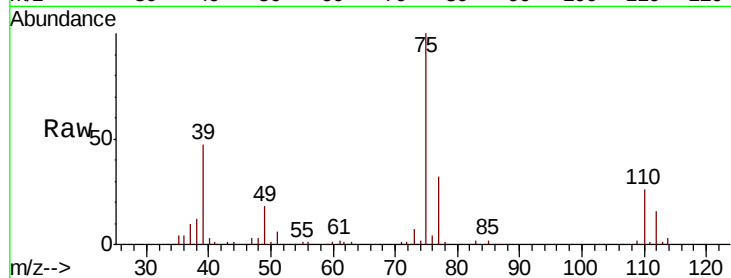




#53
t-1,3-Dichloropropene
Concen: 19.192 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

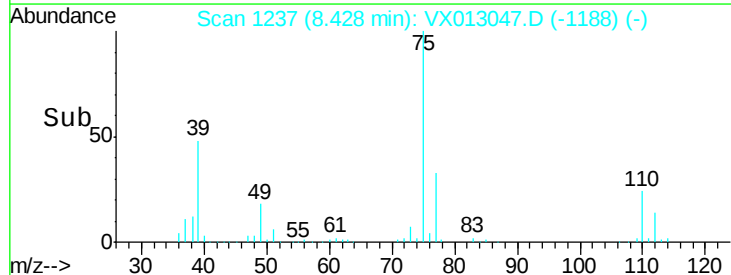
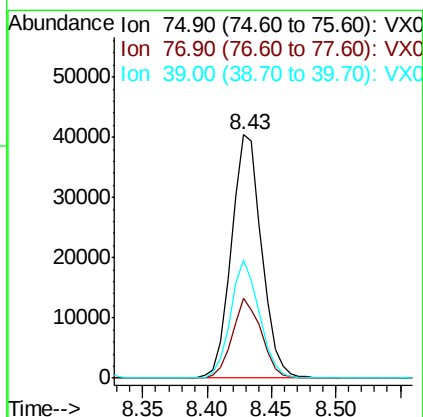
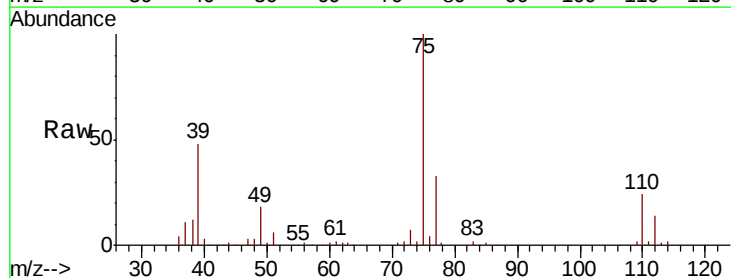
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

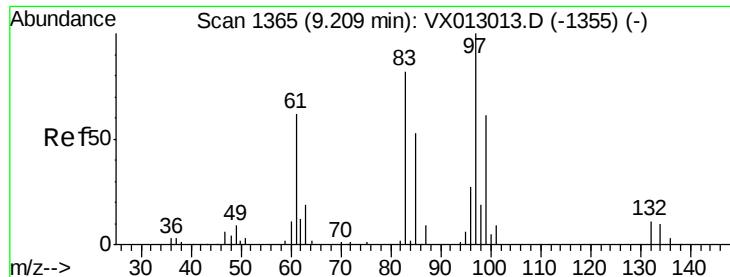
Tot Ion: 75 Resp: 58154
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.6



#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

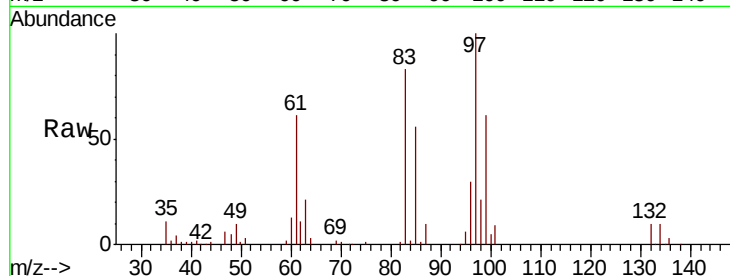




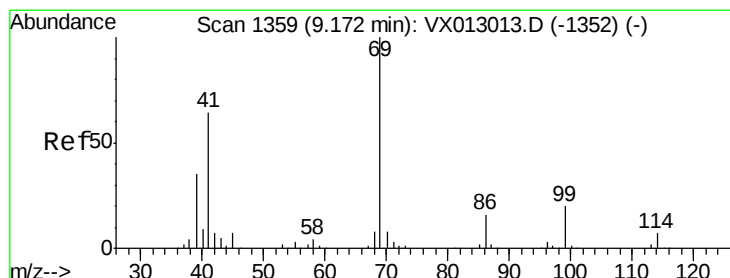
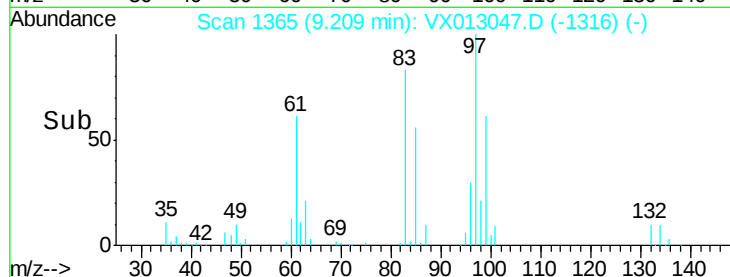
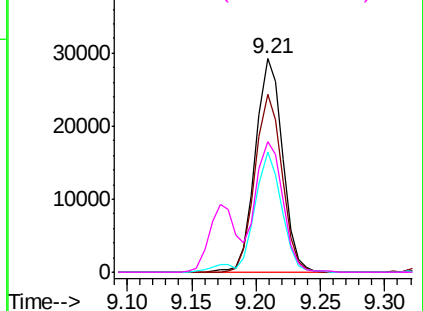
#55
 1,1,2-Trichloroethane
 Concen: 21.289 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBS01

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

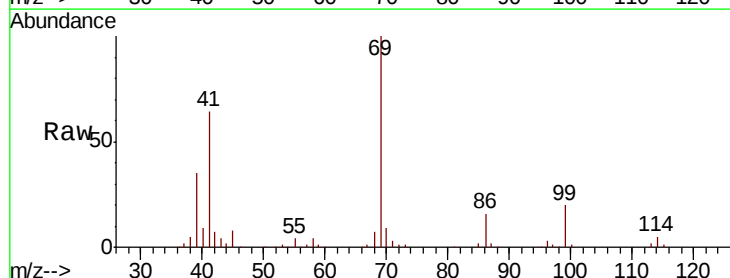


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

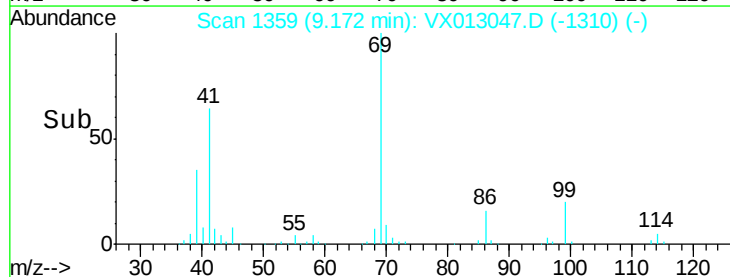
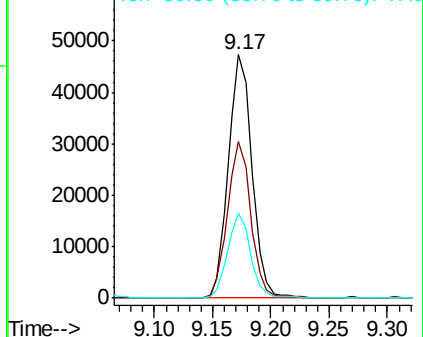


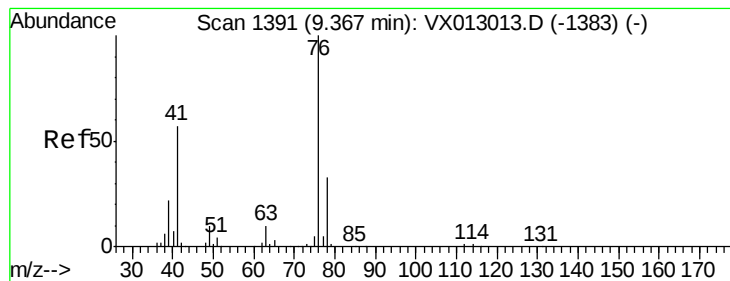
#56
 Ethyl methacrylate
 Concen: 19.922 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

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

ClientSampleId :

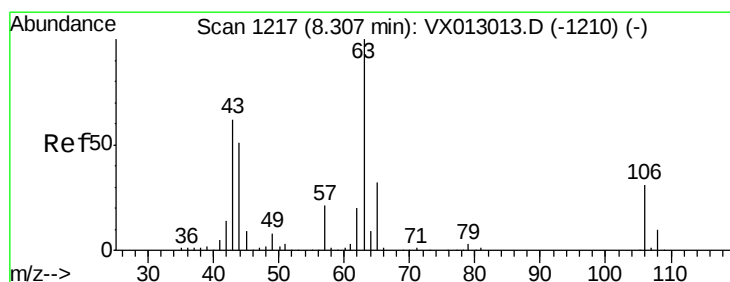
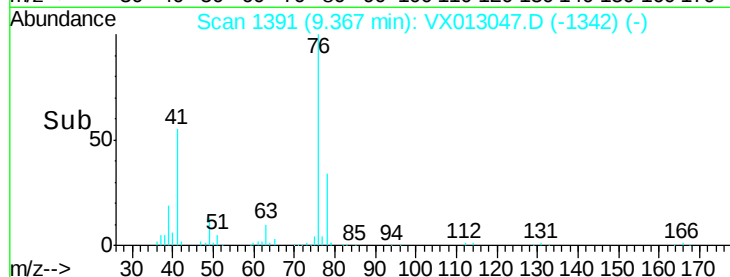
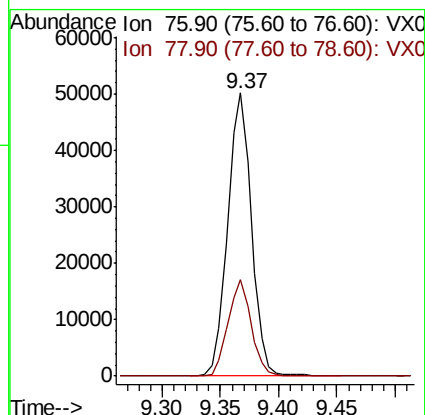
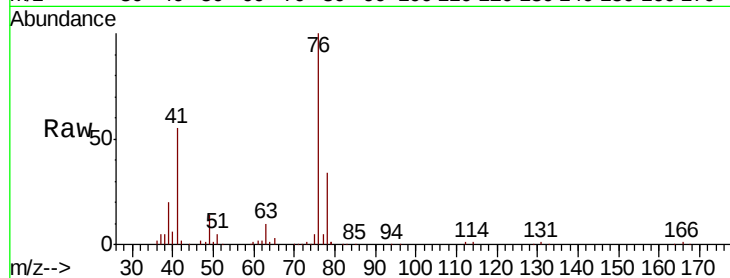
VX1014WBS01

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

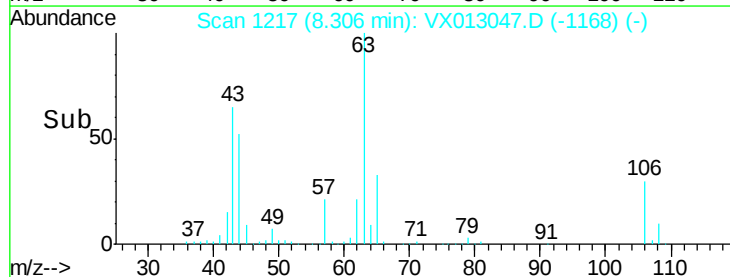
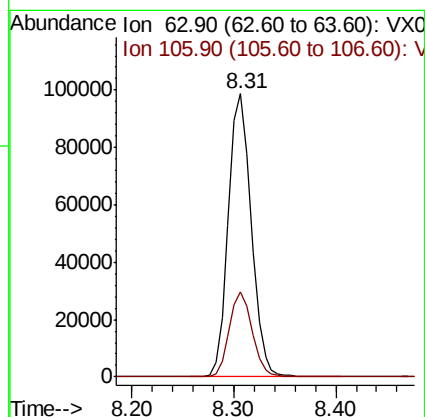
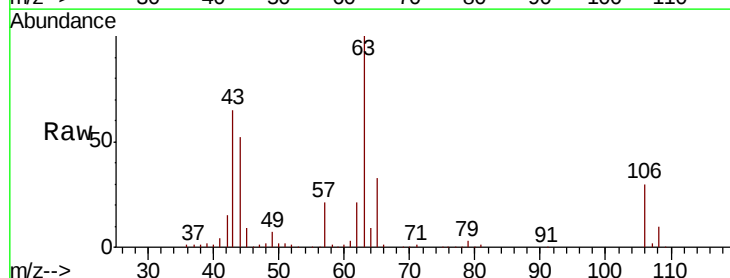
Acq: 14 Oct 2019 13:22

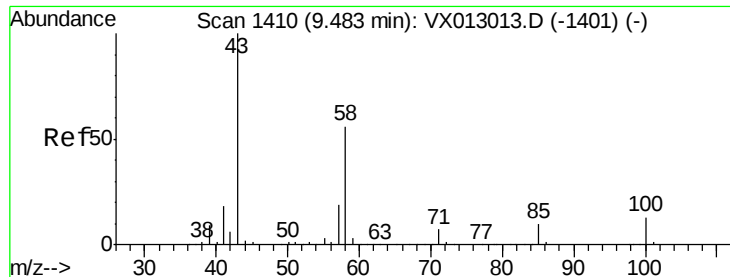
Tgt Ion: 63 Resp: 154424

Ion Ratio Lower Upper

63 100

106 29.9 23.8 35.8

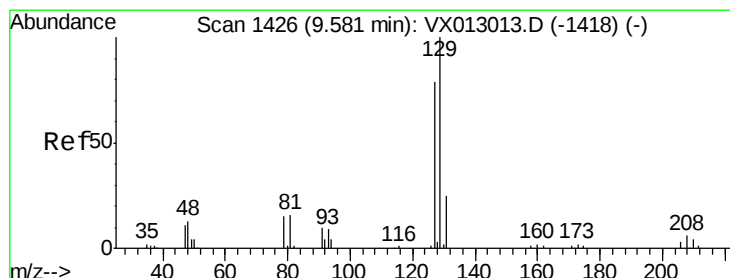
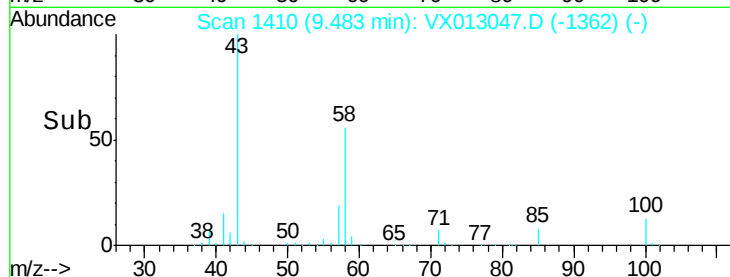
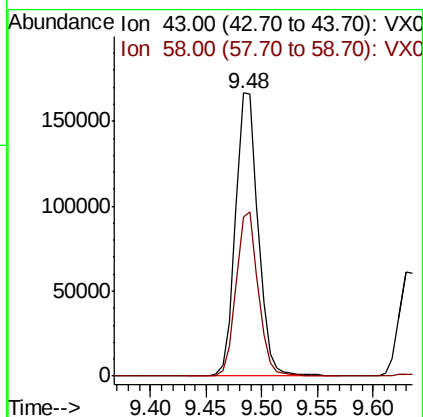
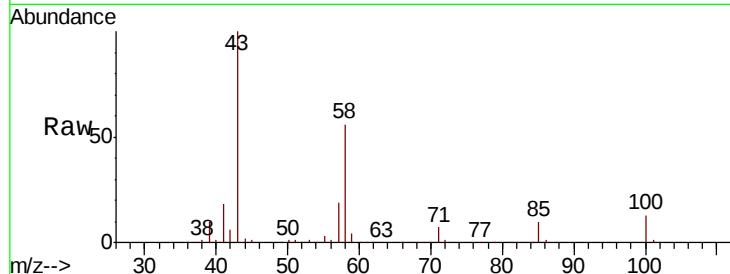




#59
2-Hexanone
Concen: 101.042 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

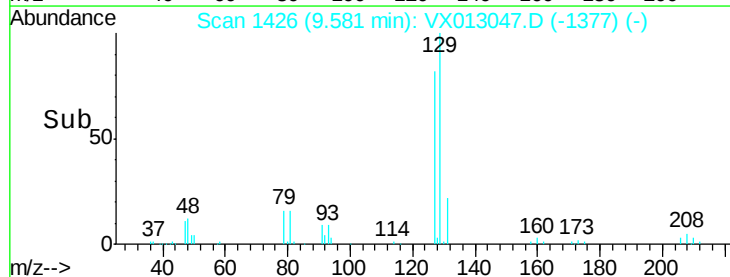
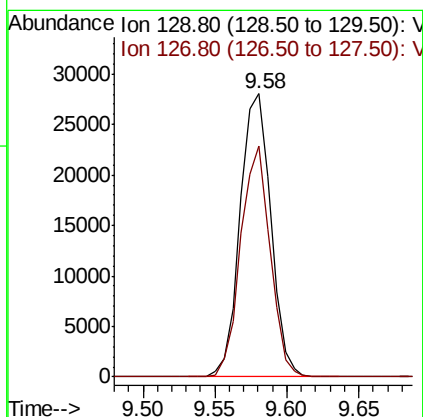
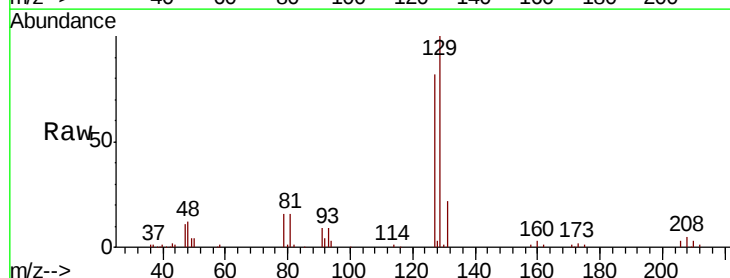
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

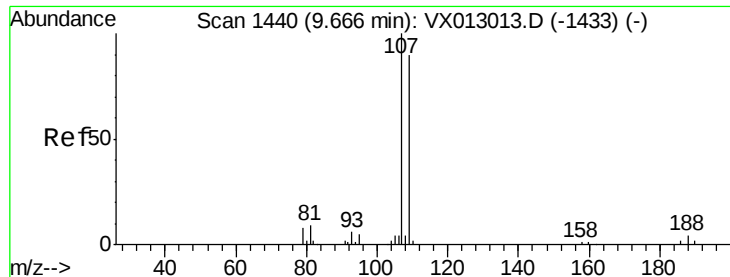
Tot Ion: 43 Resp: 235478
Ion Ratio Lower Upper
43 100
58 56.8 28.1 84.3



#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 :

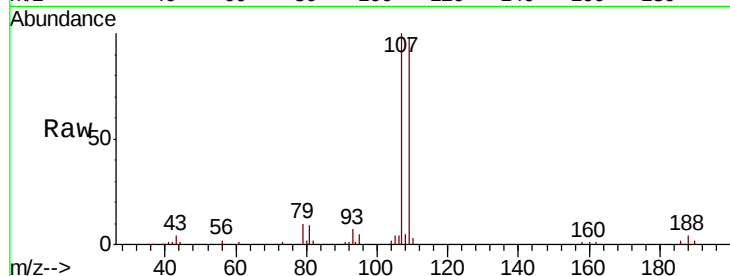
VX1014WBS01

Tot Ion:107 Resp: 43411

Ion Ratio Lower Upper

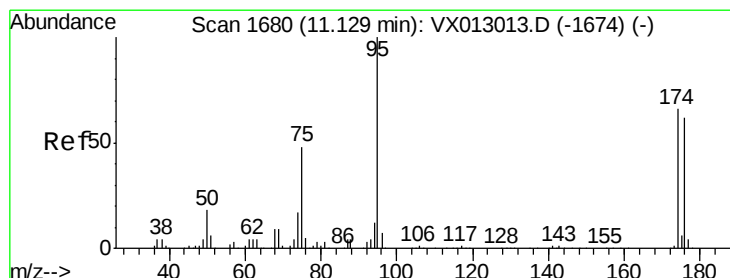
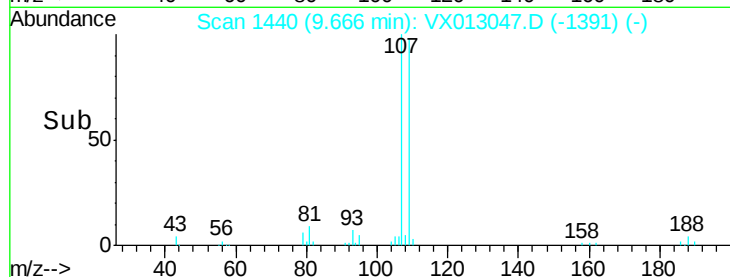
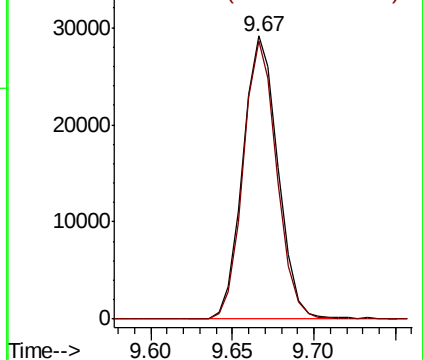
107 100

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

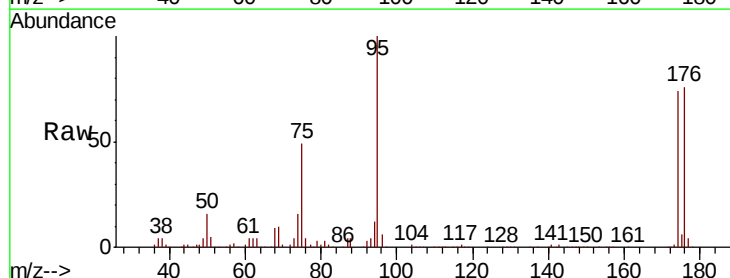
Tgt Ion: 95 Resp: 128787

Ion Ratio Lower Upper

95 100

174 75.1 0.0 143.4

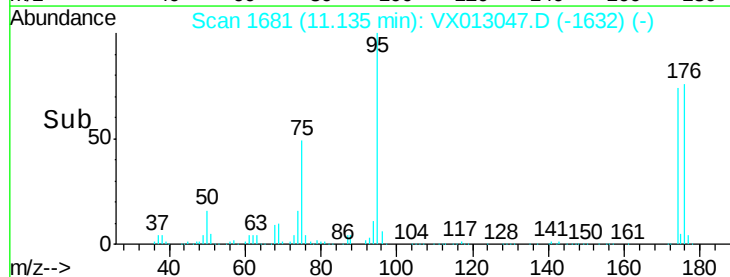
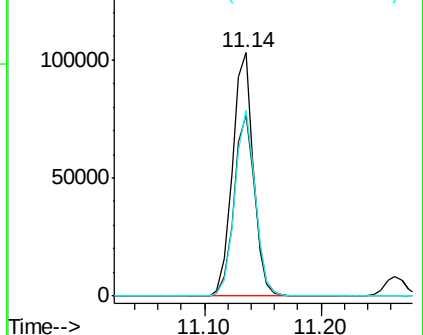
176 75.0 0.0 136.0

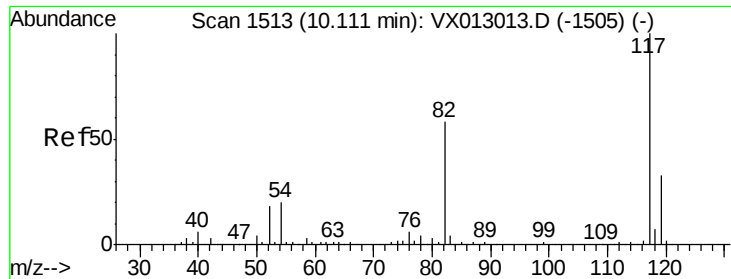


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

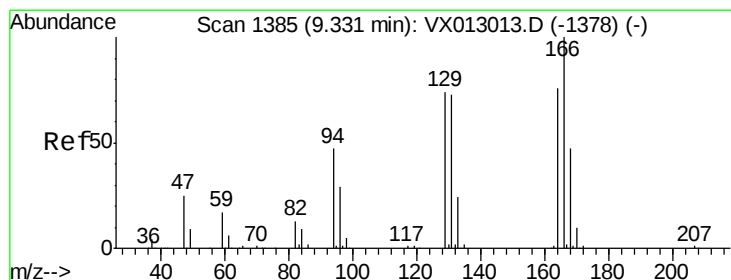
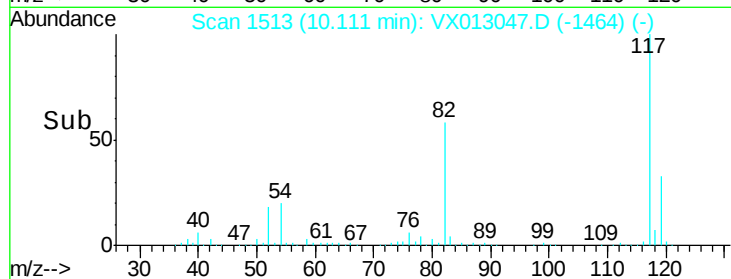
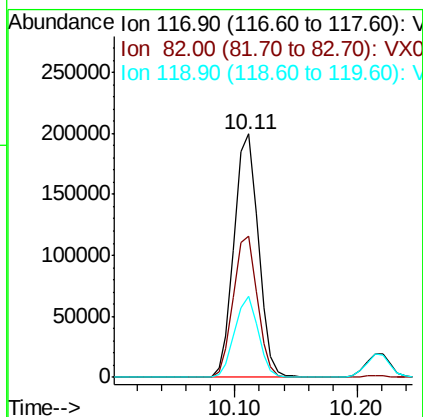
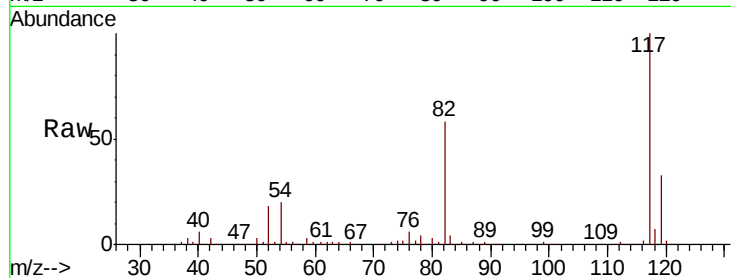




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

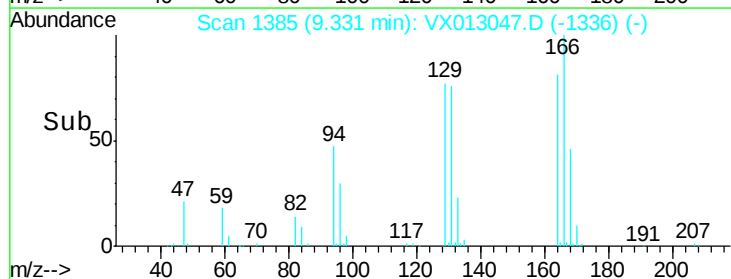
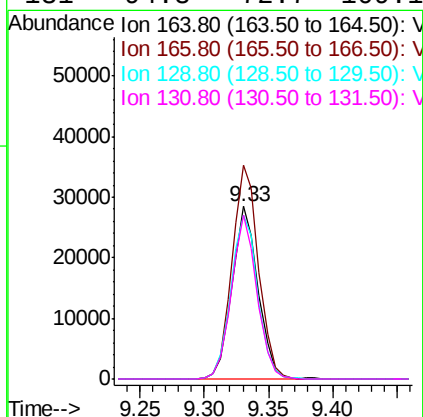
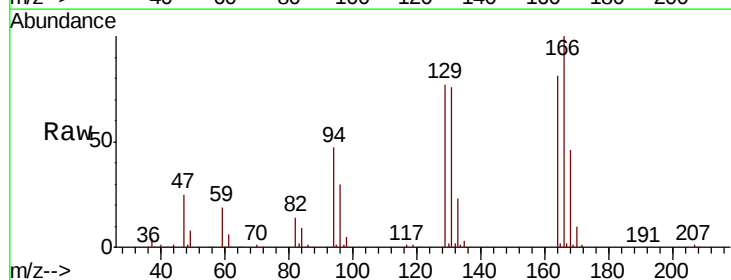
Instrument :
MSVOA_X
ClientSampled :
VX1014WBS01

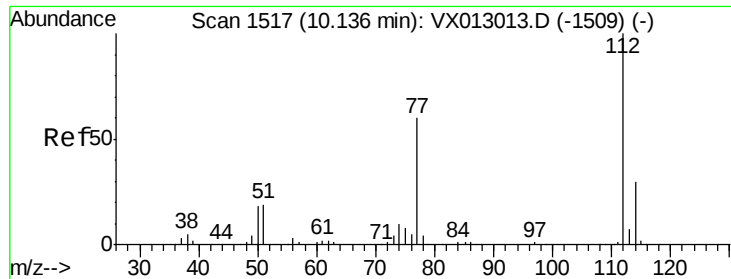
Tot Ion:117 Resp: 274406
Ion Ratio Lower Upper
117 100
82 58.0 44.1 66.1
119 33.5 25.8 38.8



#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

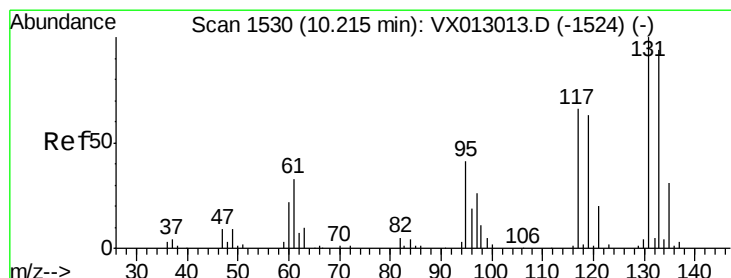
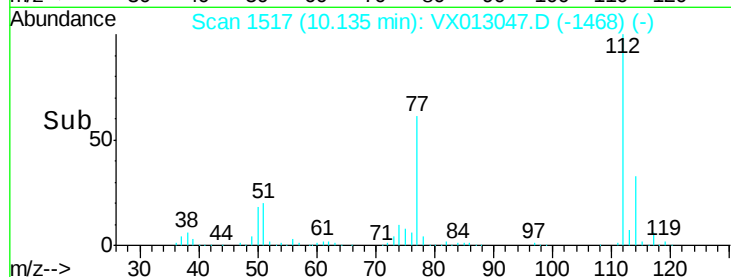
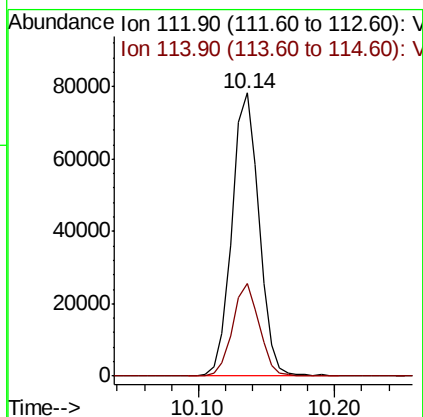
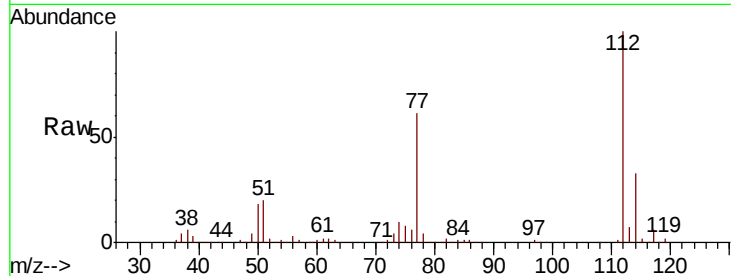




#65
Chlorobenzene
Concen: 19.936 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

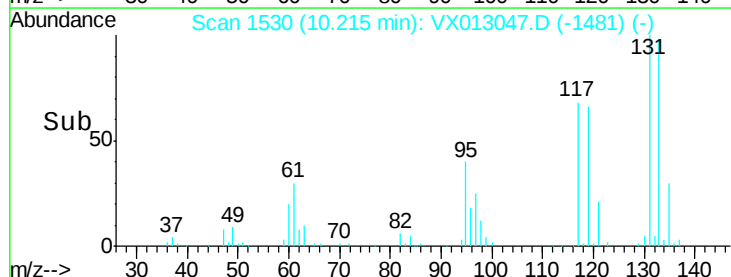
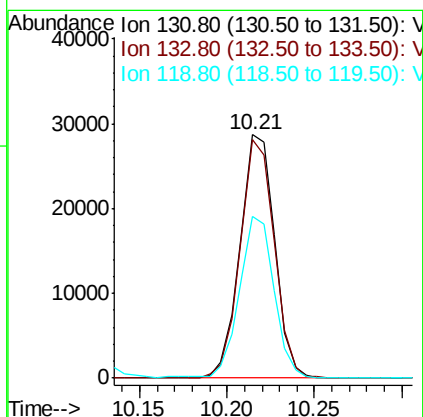
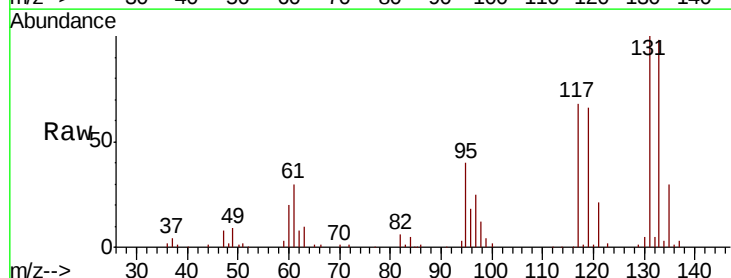
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

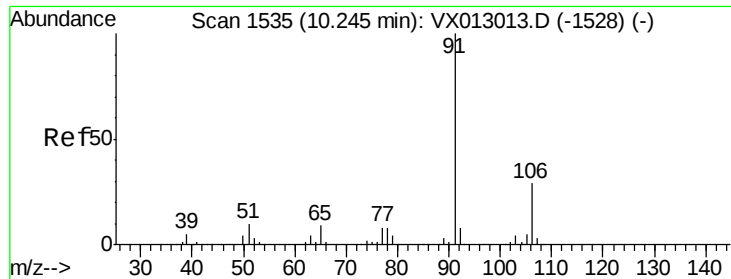
Tot Ion:112 Resp: 108636
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5



#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

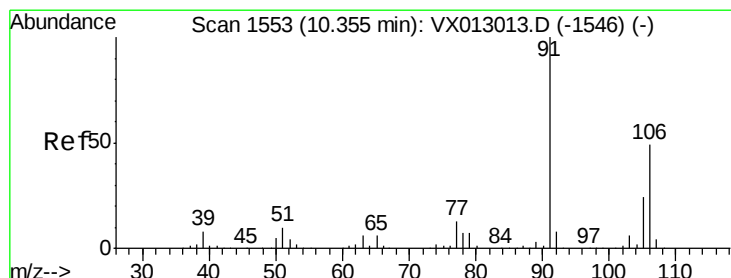
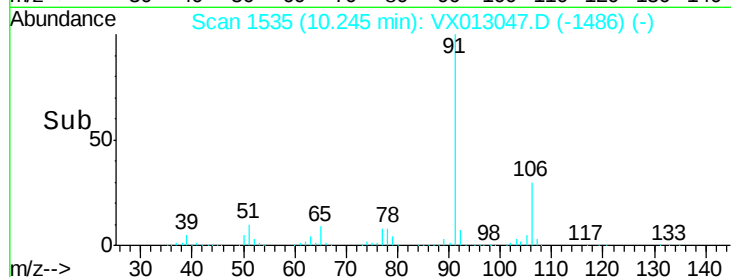
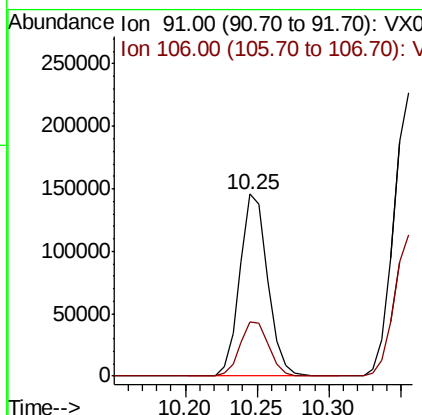
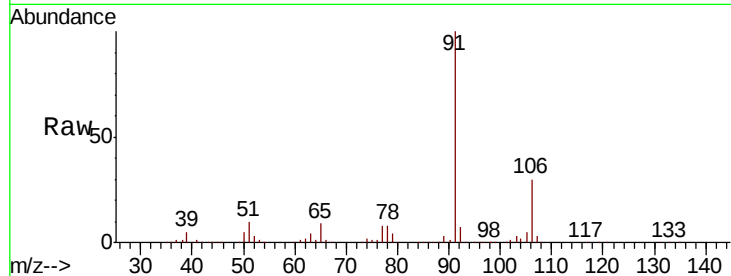




#67
Ethyl Benzene
Concen: 20.215 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

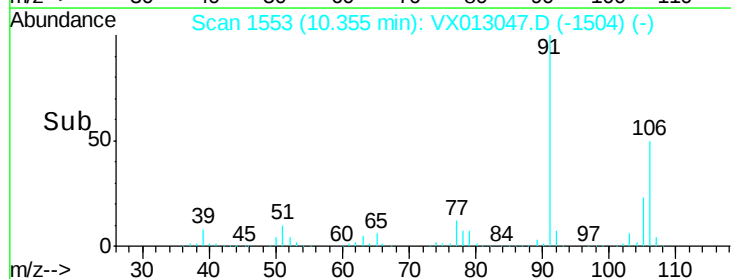
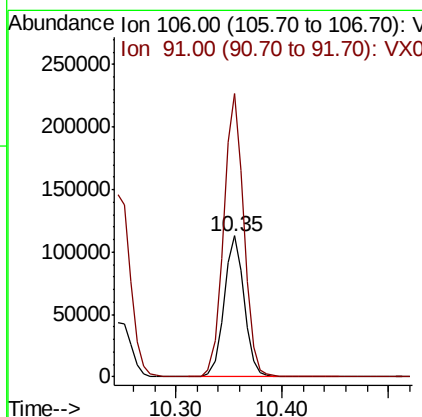
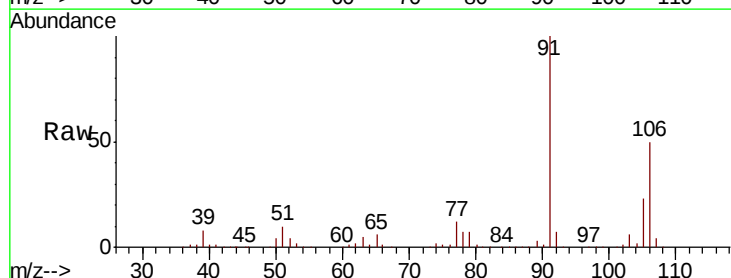
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

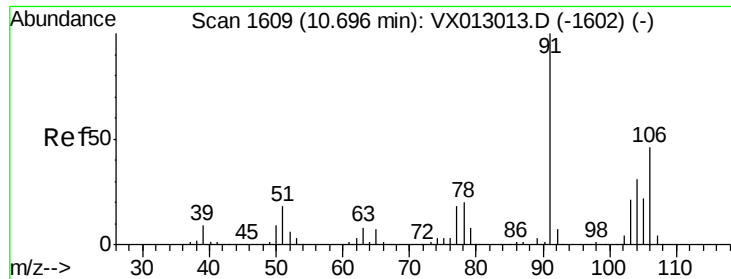
Tot Ion: 91 Resp: 195671
Ion Ratio Lower Upper
91 100
106 30.0 23.9 35.9



#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

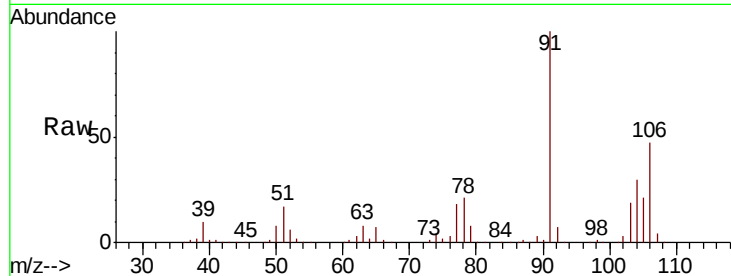




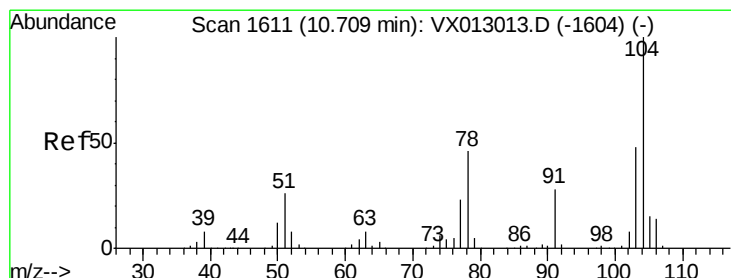
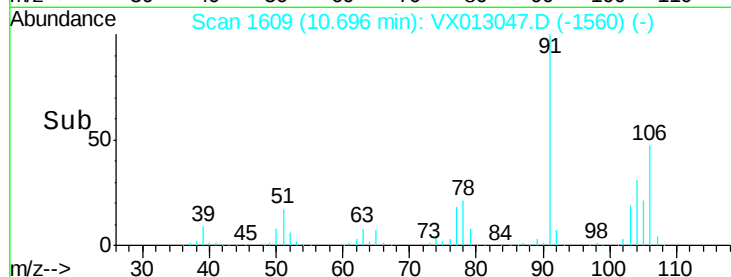
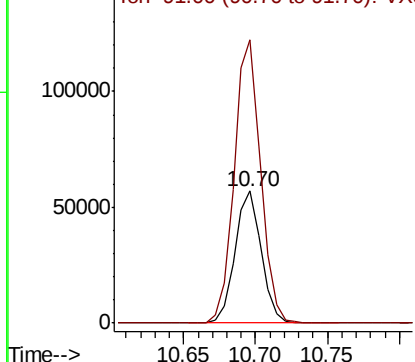
#69
o-Xylene
Concen: 20.567 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Instrument :
MSVOA_X
ClientSampled :
VX1014WBS01

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

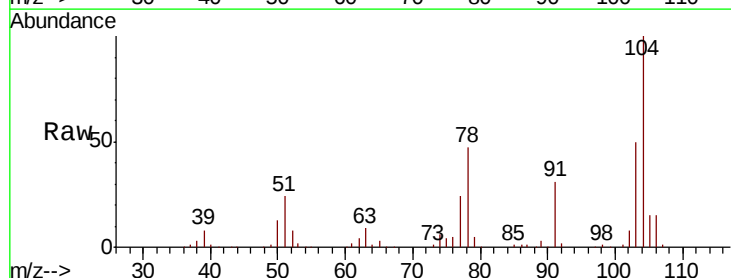


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

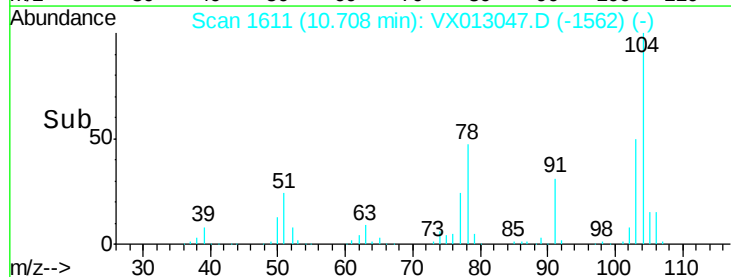
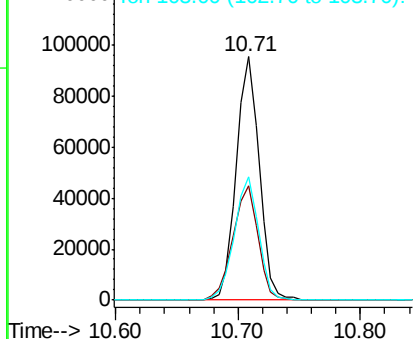


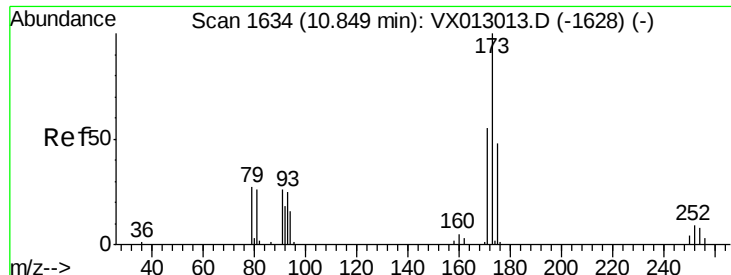
#70
Styrene
Concen: 20.641 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

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

ClientSampleId :

VX1014WBS01

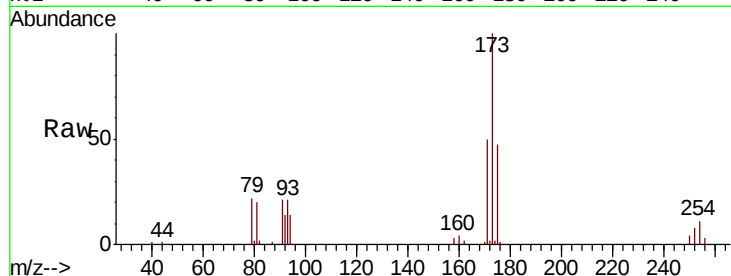
Tot Ion:173 Resp: 27202

Ion Ratio Lower Upper

173 100

175 47.8 24.1 72.3

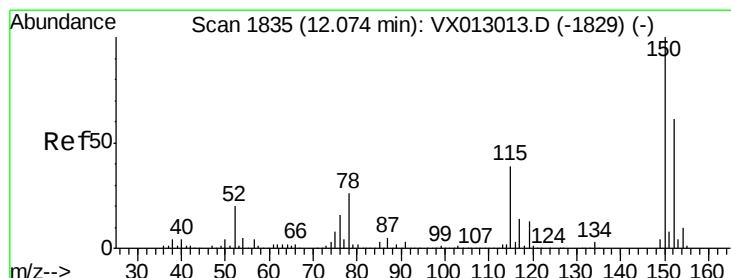
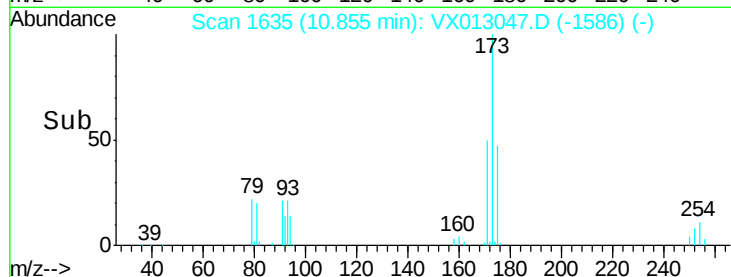
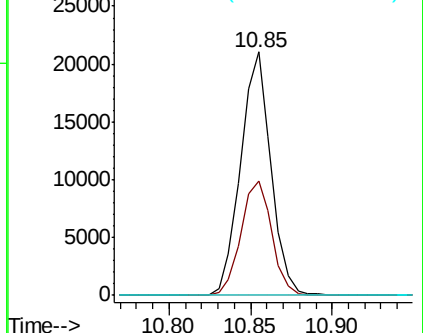
254 0.1 0.1 0.1#



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

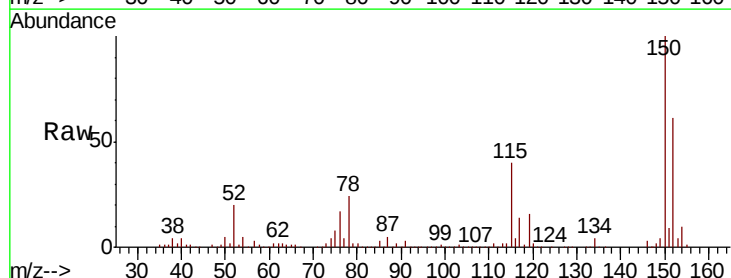
Tgt Ion:152 Resp: 126615

Ion Ratio Lower Upper

152 100

115 72.0 44.5 133.5

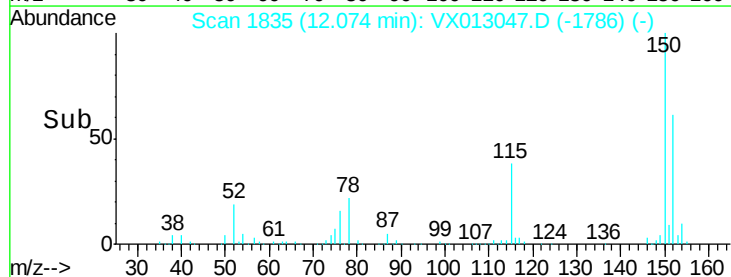
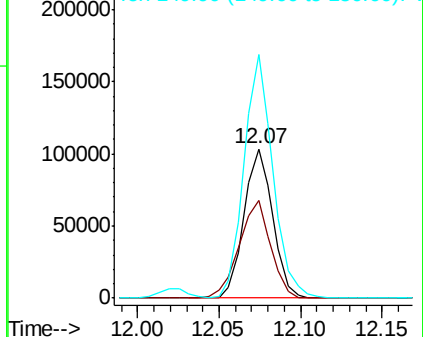
150 165.5 0.0 353.4

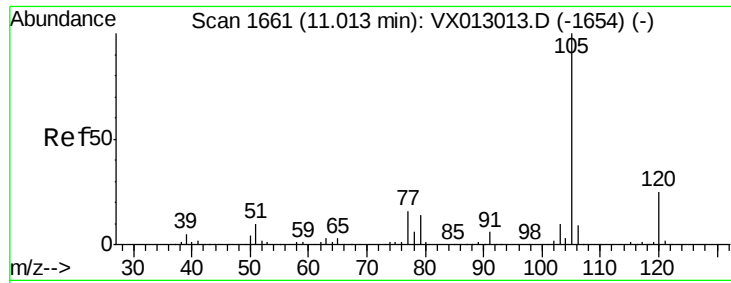


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

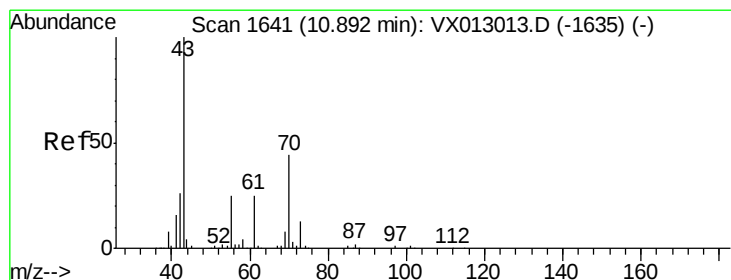
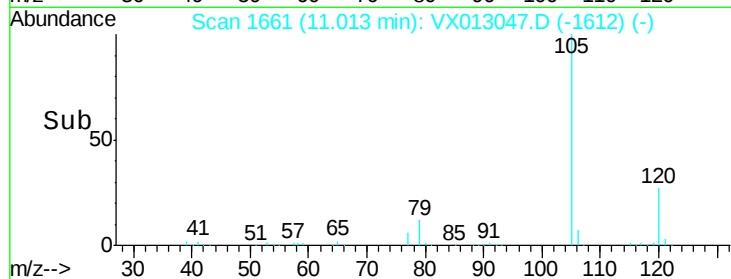
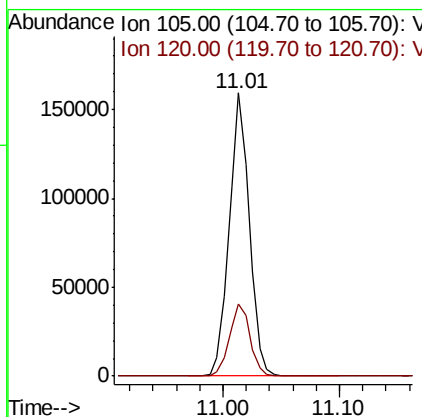
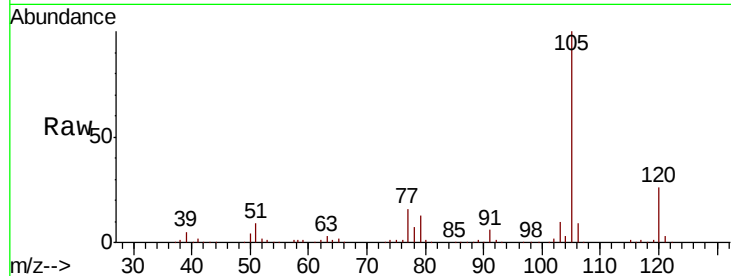




#73
Isopropylbenzene
Concen: 20.482 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

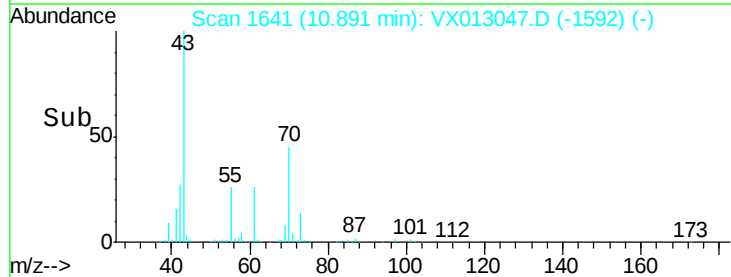
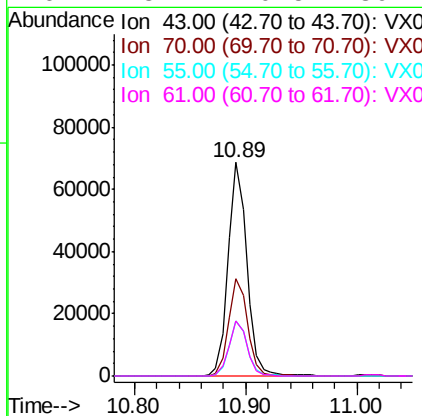
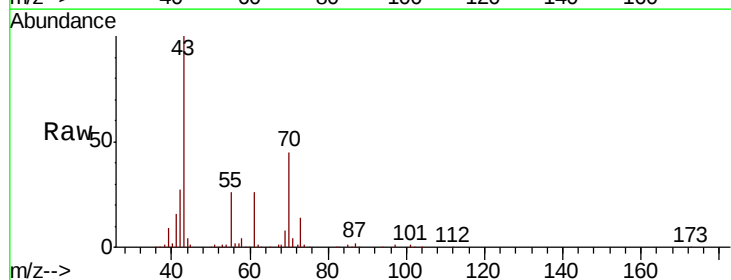
Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

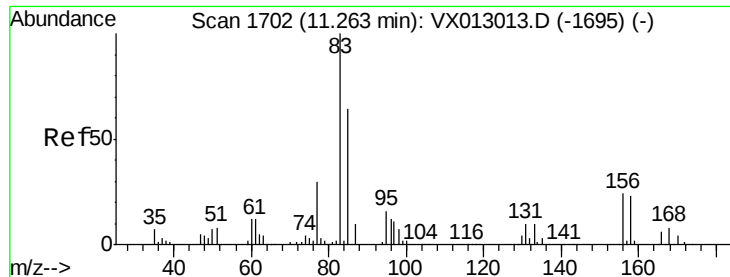
Tot Ion:105 Resp: 190666
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0



#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





#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 :

VX1014WBS01

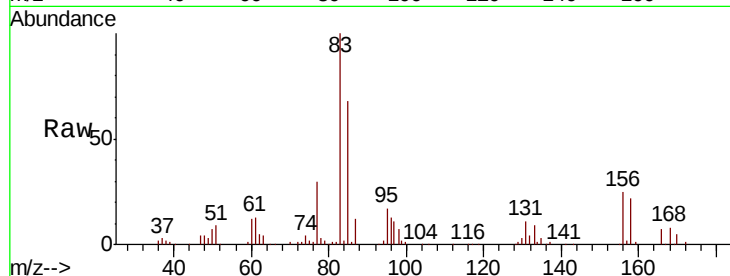
Tot Ion: 83 Resp: 62223

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.3

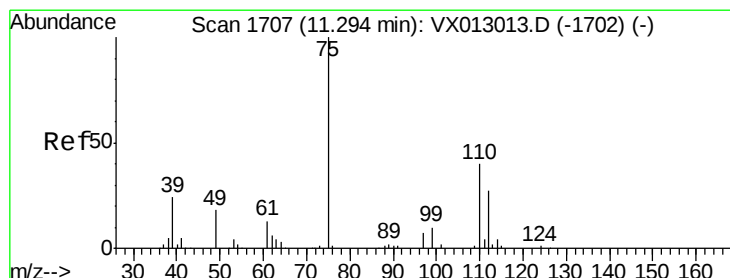
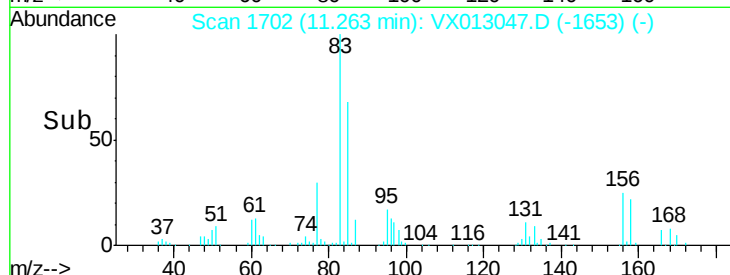
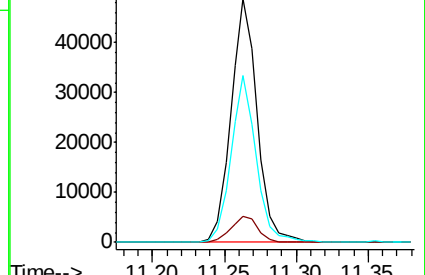
85 65.7 32.1 96.5



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

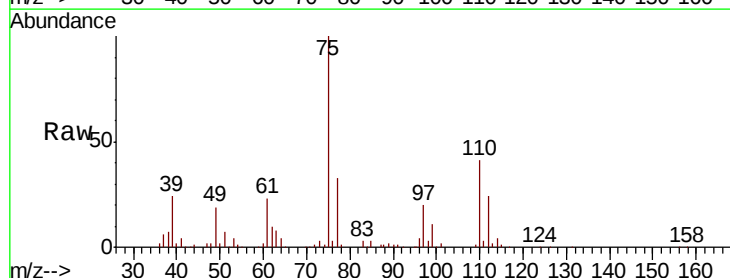
Acq: 14 Oct 2019 13:22

Tgt Ion: 75 Resp: 72827

Ion Ratio Lower Upper

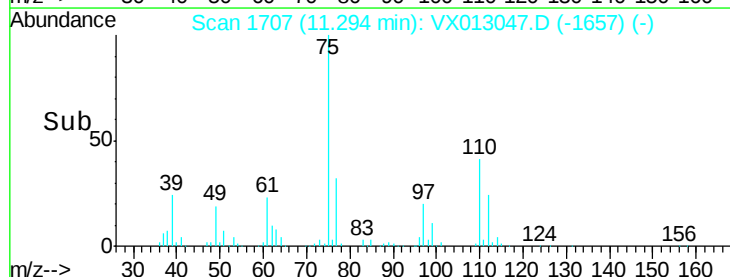
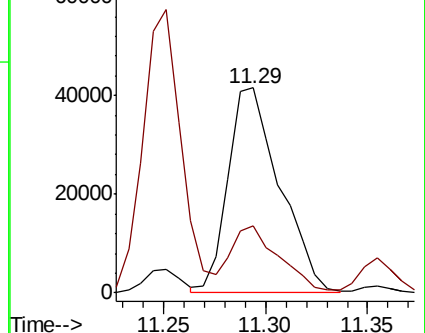
75 100

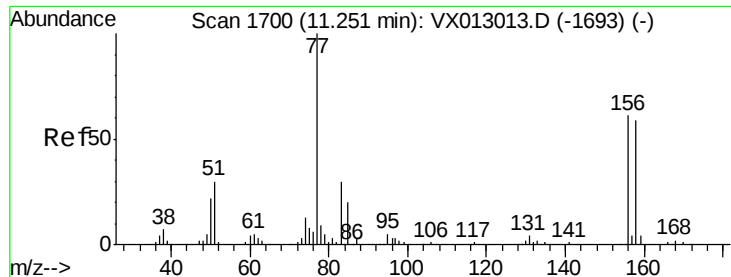
77 30.3 22.9 68.8



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 :

VX1014WBS01

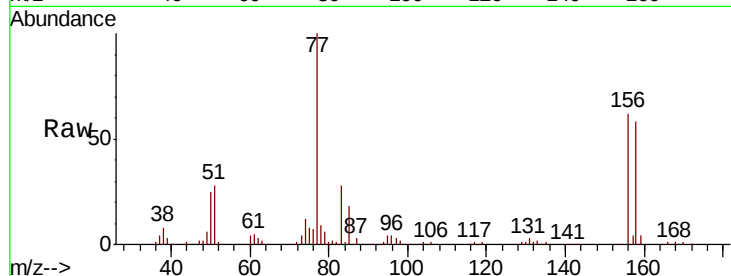
Tot Ion:156 Resp: 46319

Ion Ratio Lower Upper

156 100

77 161.4 83.7 251.0

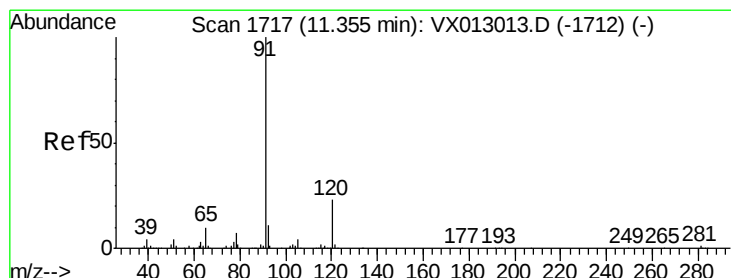
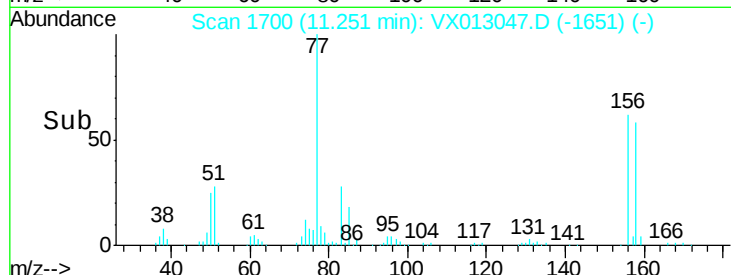
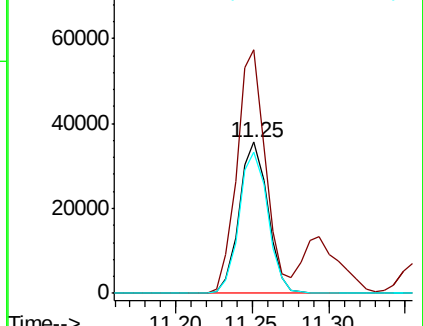
158 94.2 48.6 145.9



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

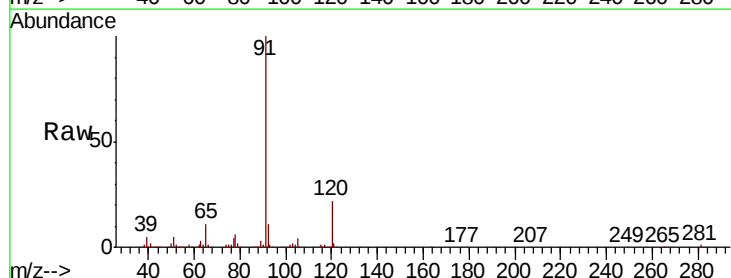
Acq: 14 Oct 2019 13:22

Tgt Ion: 91 Resp: 214083

Ion Ratio Lower Upper

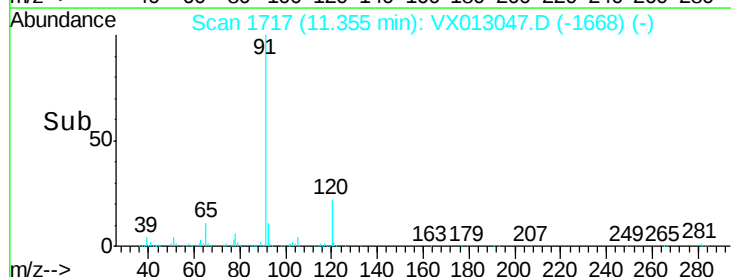
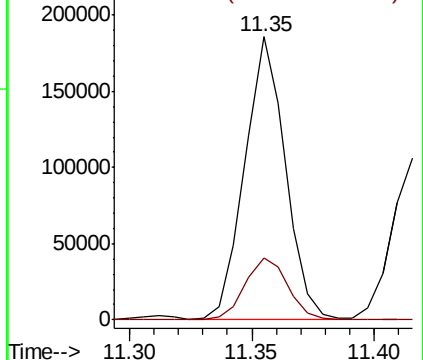
91 100

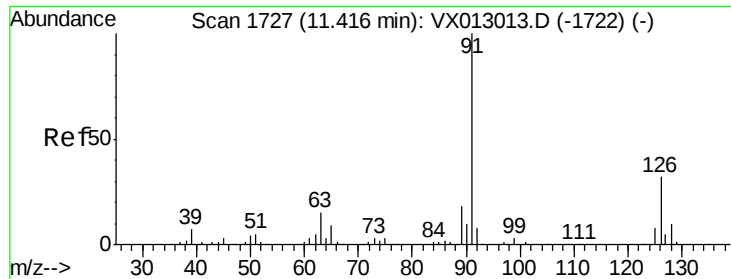
120 23.2 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

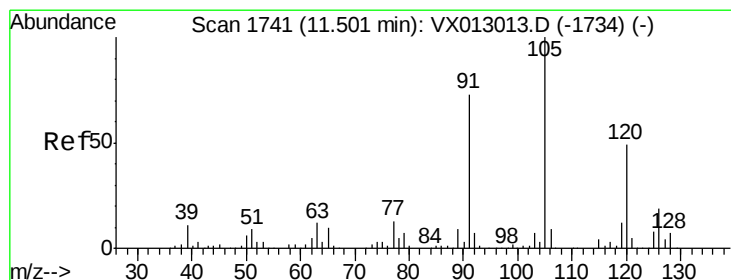
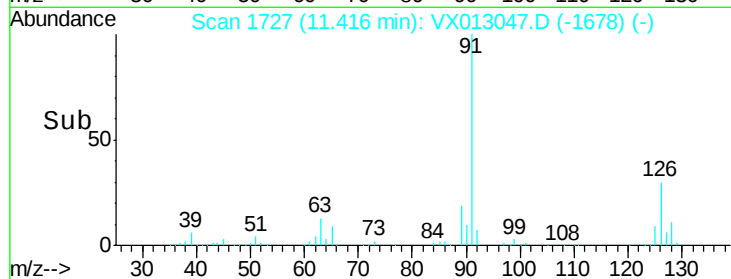
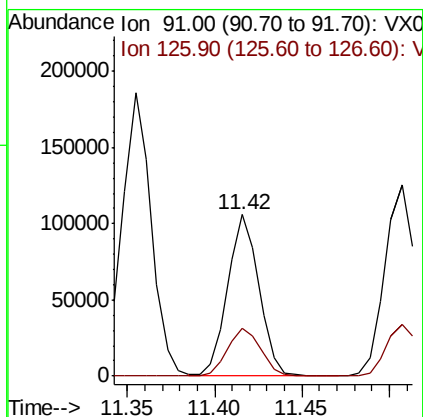
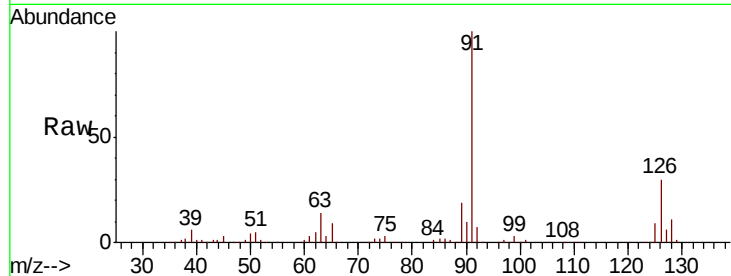




#79
 2-Chlorotoluene
 Concen: 20.357 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

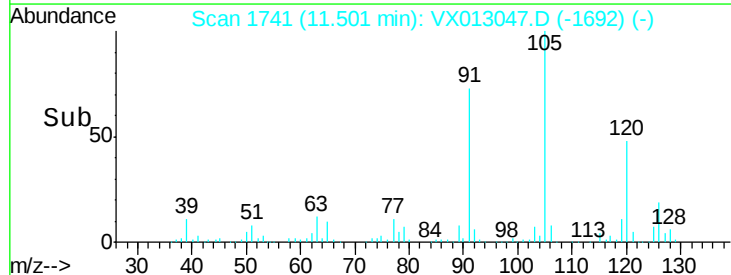
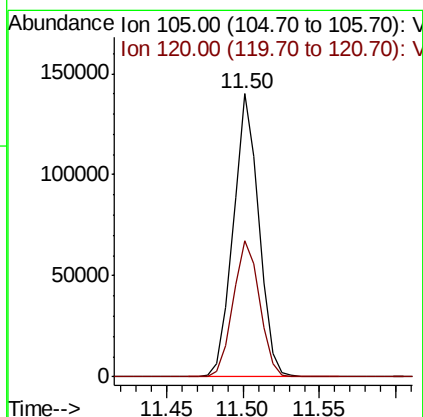
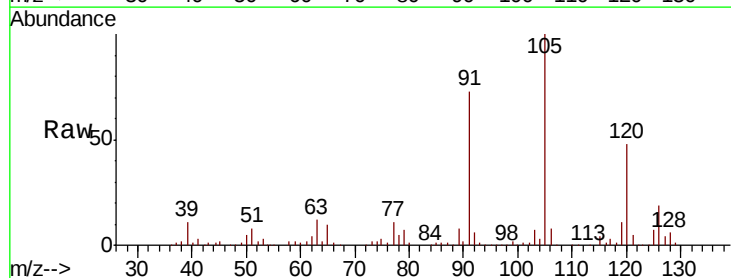
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBS01

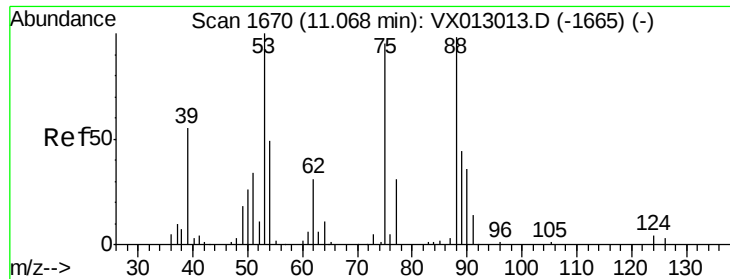
Tot Ion: 91 Resp: 131050
 Ion Ratio Lower Upper
 91 100
 126 31.8 16.3 48.8



#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 :

VX1014WBS01

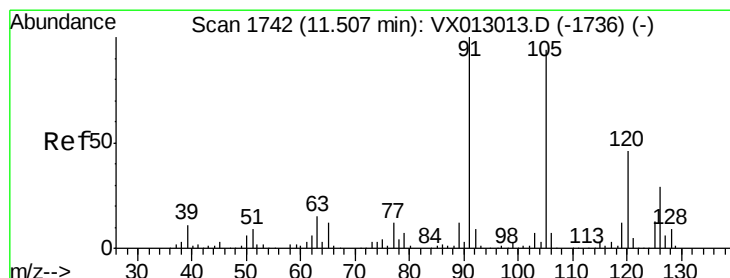
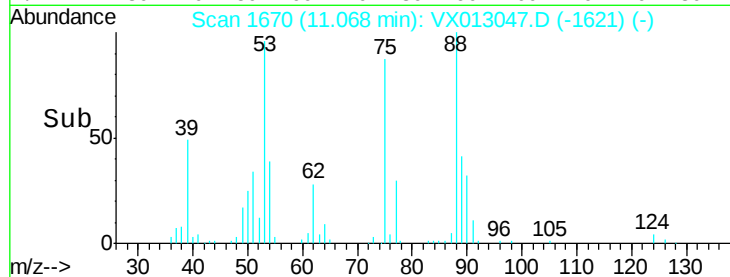
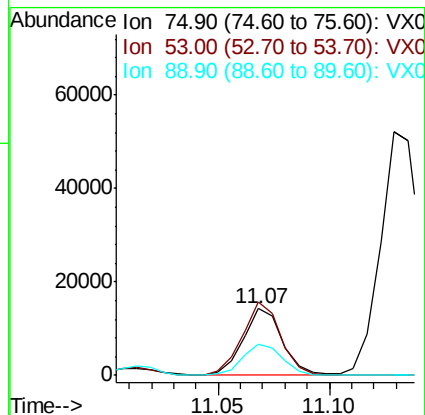
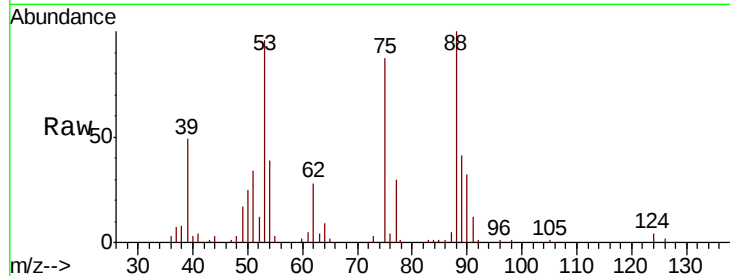
Tot Ion: 75 Resp: 17506

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

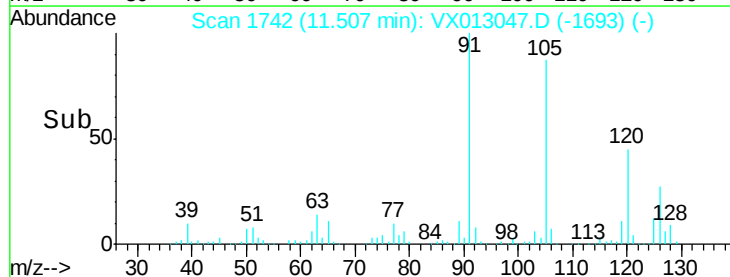
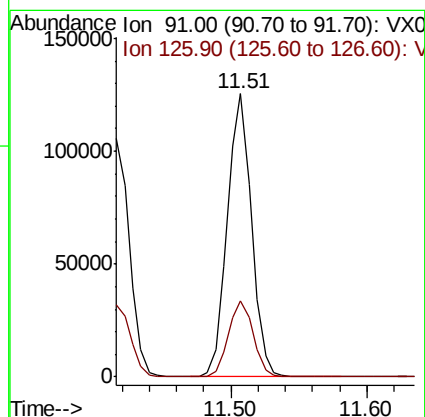
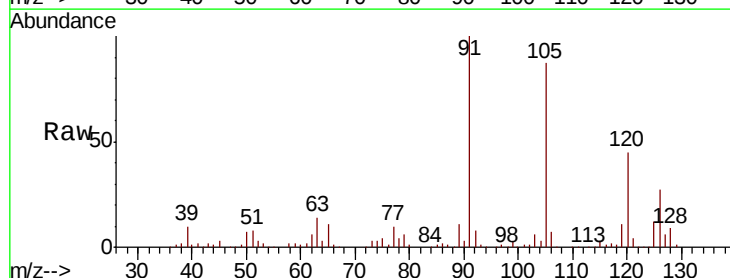
Acq: 14 Oct 2019 13:22

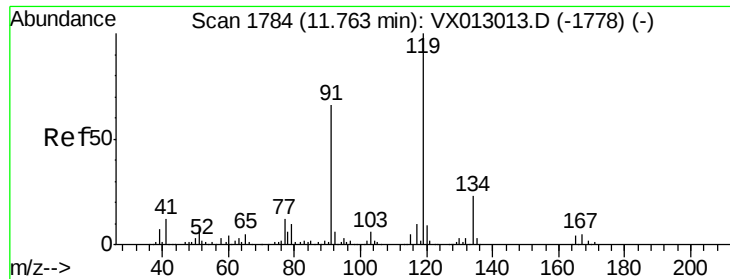
Tgt Ion: 91 Resp: 154958

Ion Ratio Lower Upper

91 100

126 27.6 14.2 42.6

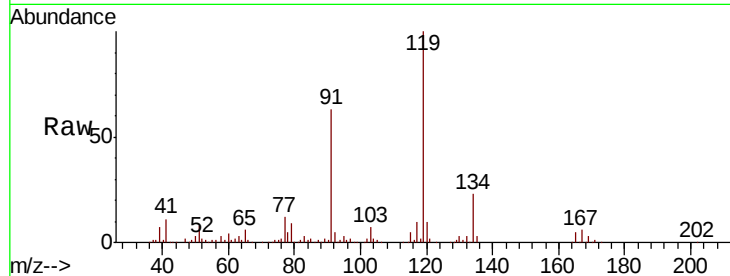




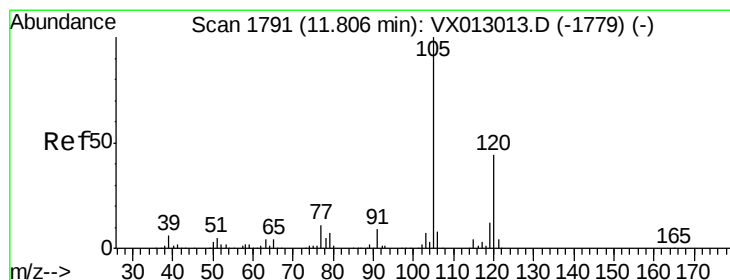
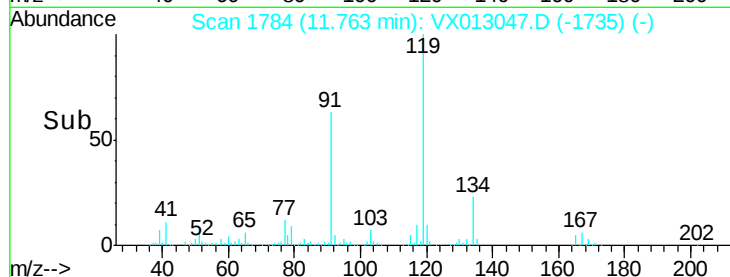
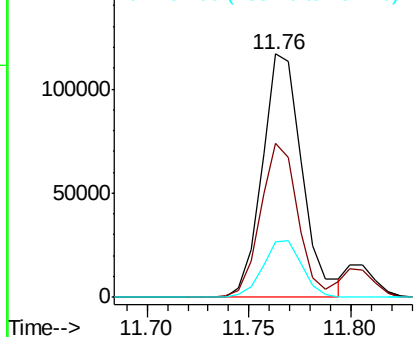
#83
 tert-Butylbenzene
 Concen: 20.951 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBS01

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

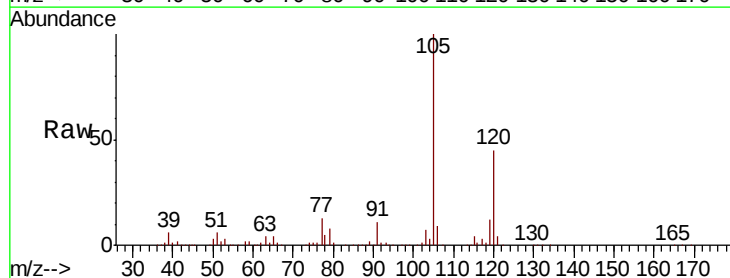


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

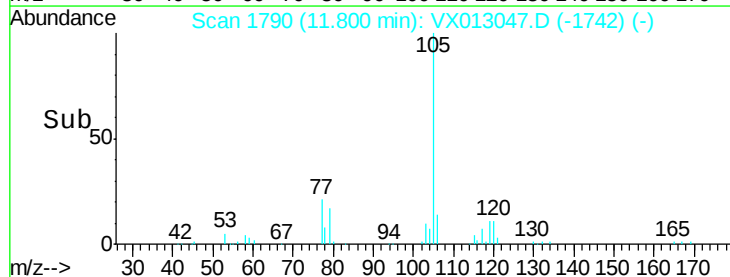
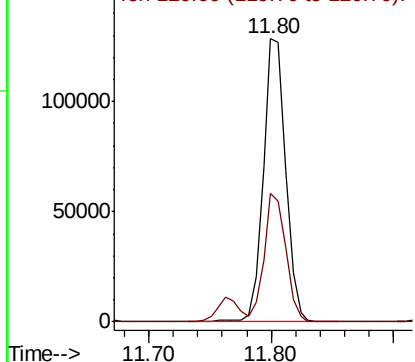


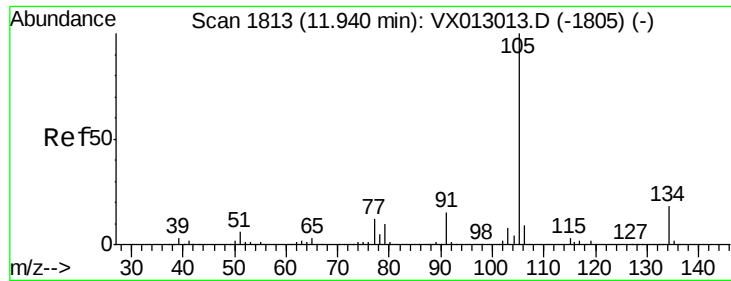
#84
 1,2,4-Trimethylbenzene
 Concen: 20.980 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

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 :

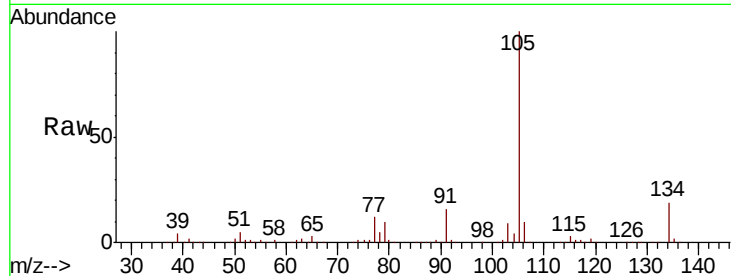
VX1014WBS01

Tot Ion:105 Resp: 180369

Ion Ratio Lower Upper

105 100

134 20.0 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

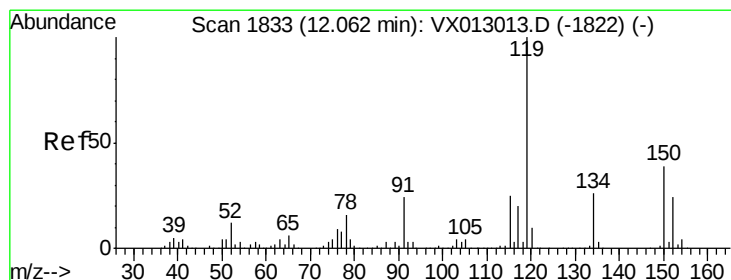
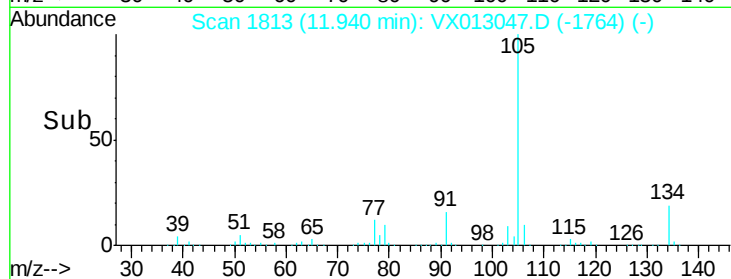
150000

100000

50000

0

Time-->



#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

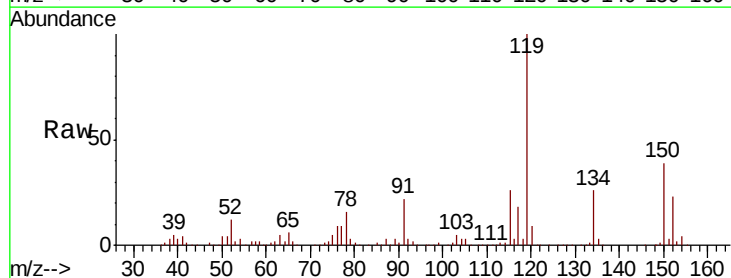
Tgt Ion:119 Resp: 168975

Ion Ratio Lower Upper

119 100

134 24.6 12.6 37.8

91 24.1 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

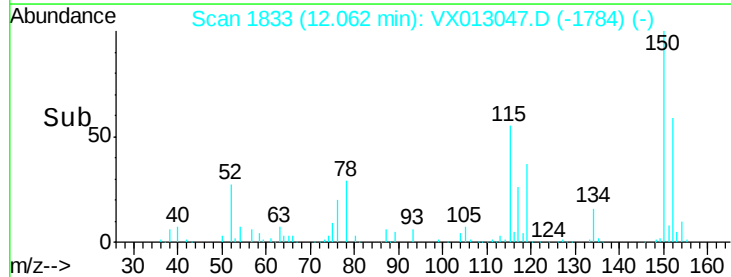
150000

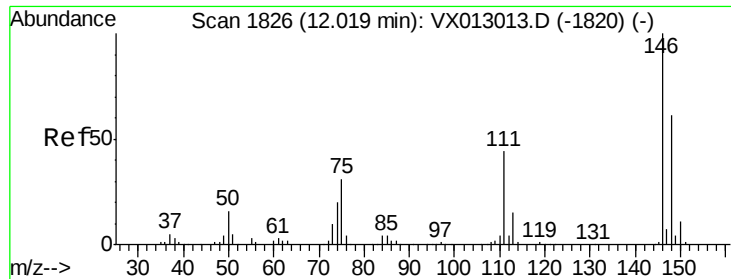
100000

50000

0

Time-->

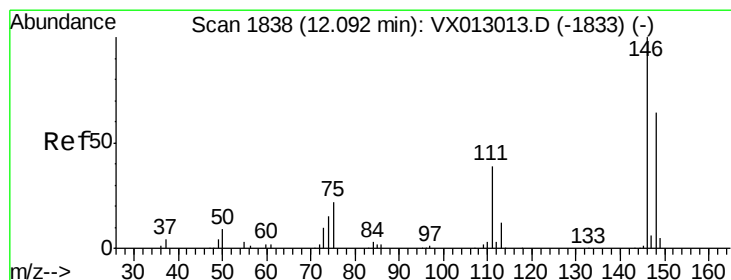
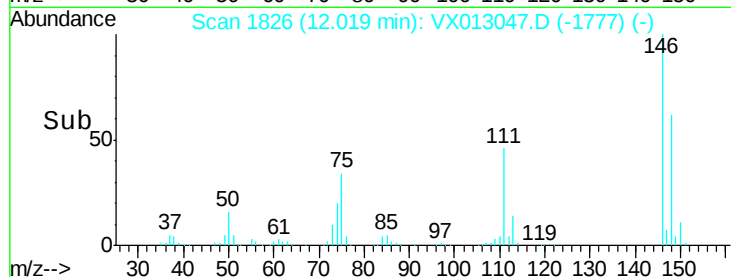
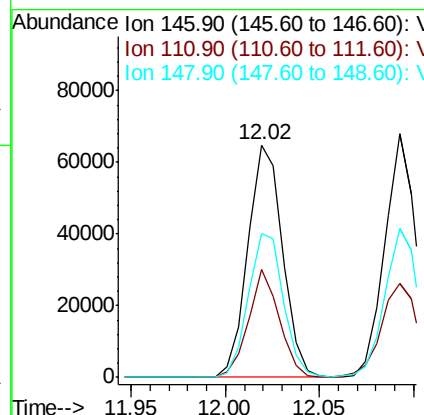
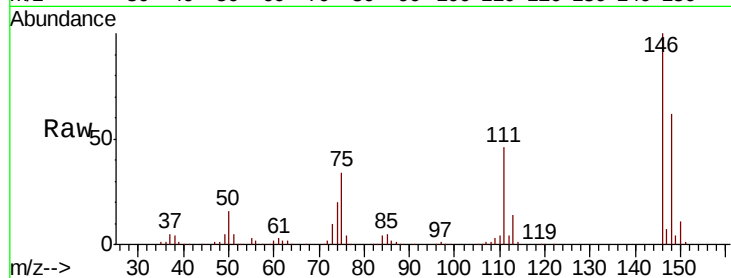




#87
 1,3-Dichlorobenzene
 Concen: 20.319 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

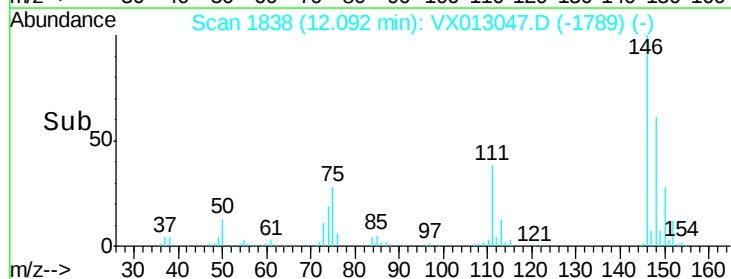
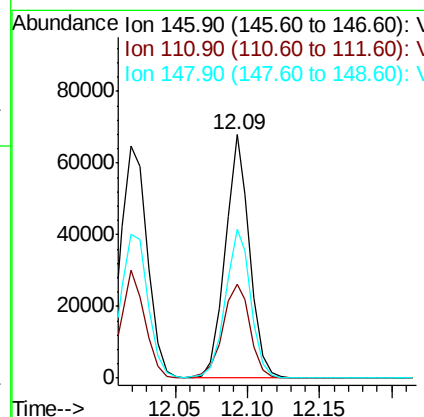
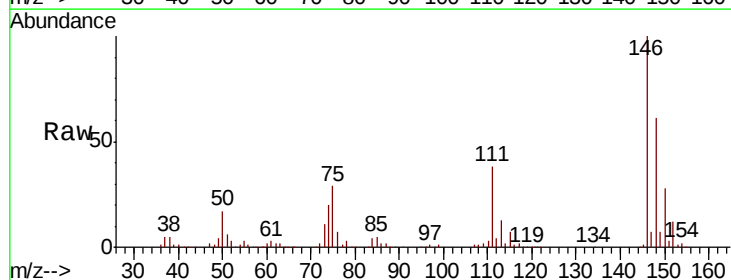
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBS01

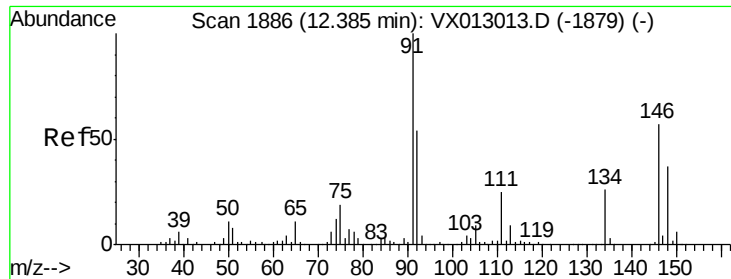
Tot Ion:146 Resp: 82772
 Ion Ratio Lower Upper
 146 100
 111 41.3 21.1 63.4
 148 62.7 31.6 95.0



#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 :

VX1014WBS01

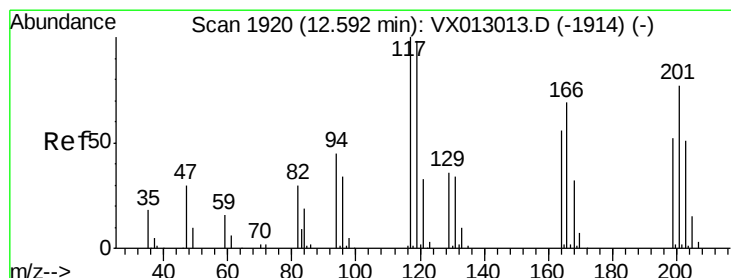
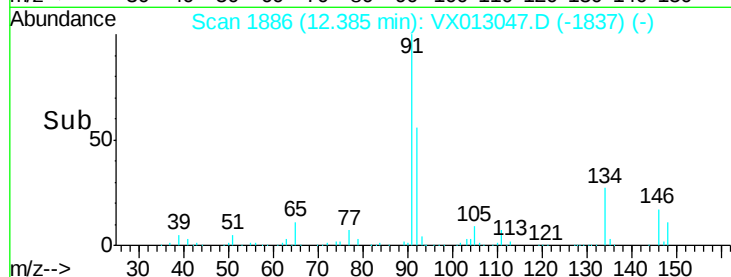
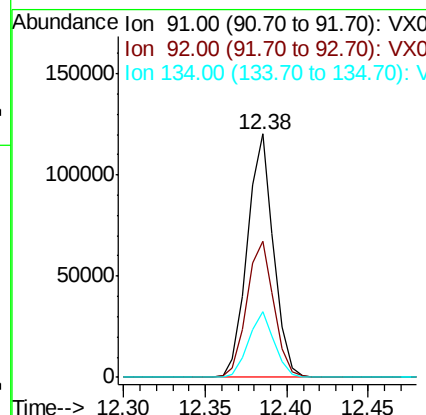
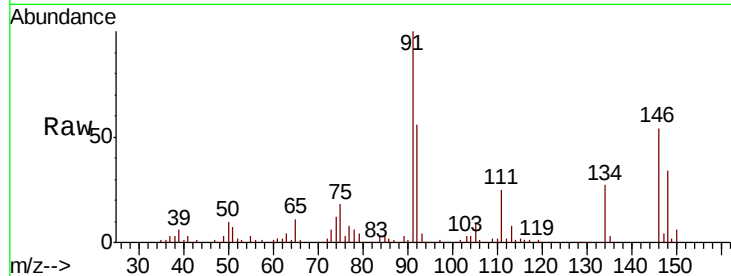
Tot Ion: 91 Resp: 134928

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

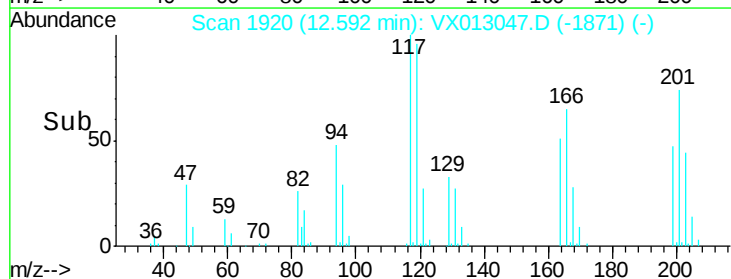
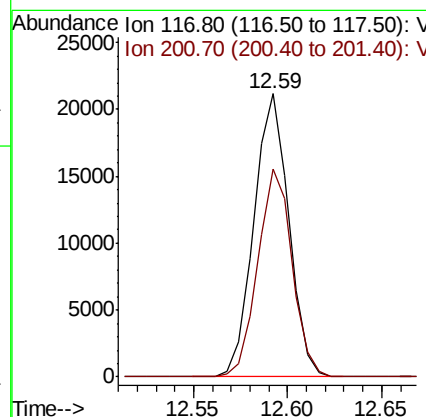
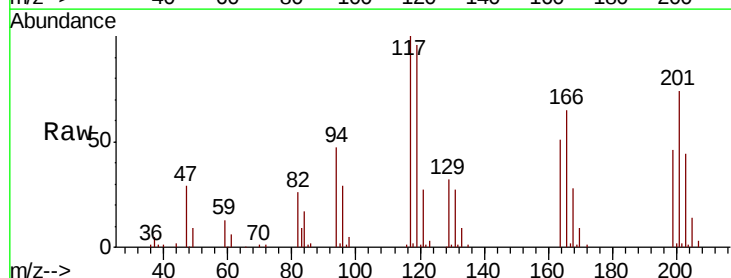
Acq: 14 Oct 2019 13:22

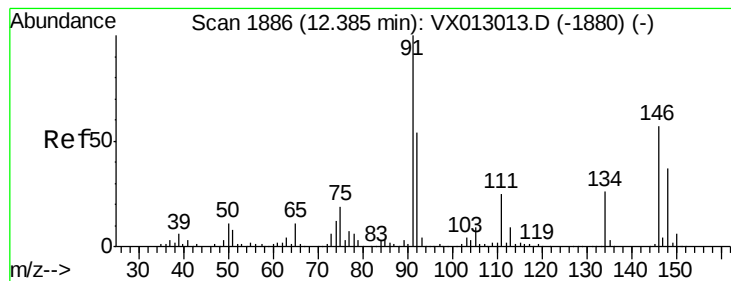
Tgt Ion: 117 Resp: 27121

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 :

VX1014WBS01

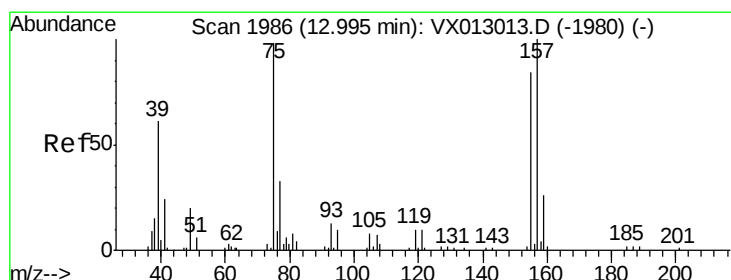
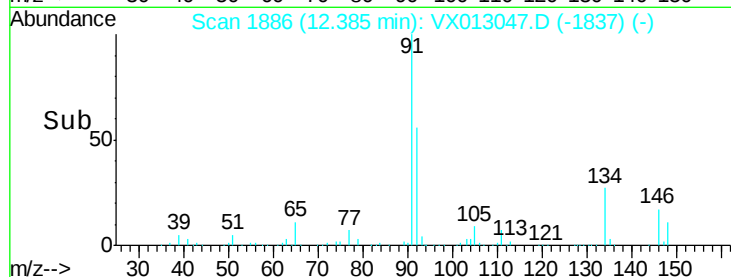
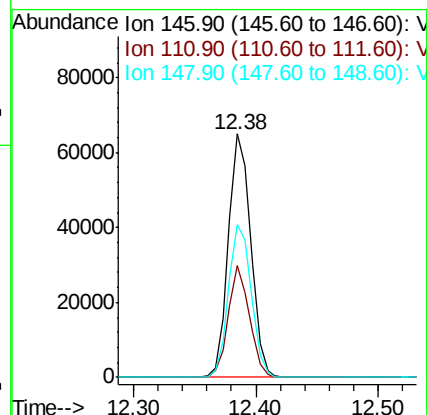
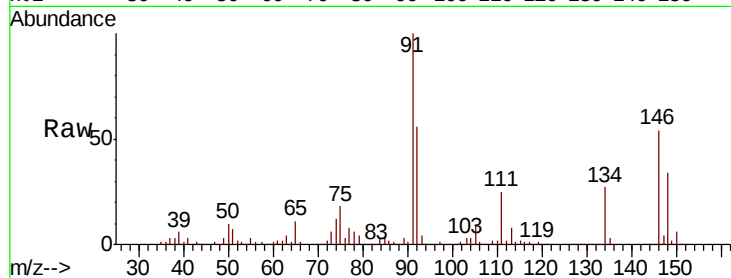
Tot Ion:146 Resp: 82485

Ion Ratio Lower Upper

146 100

111 43.4 22.7 68.0

148 63.6 31.6 94.7



#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

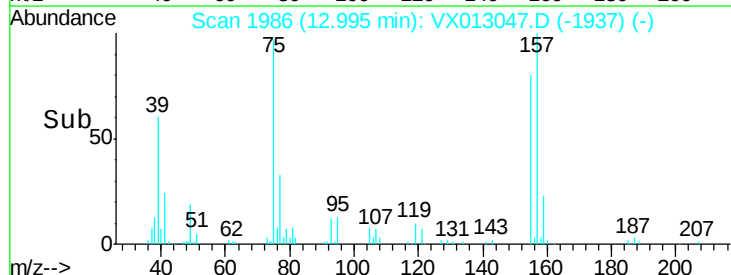
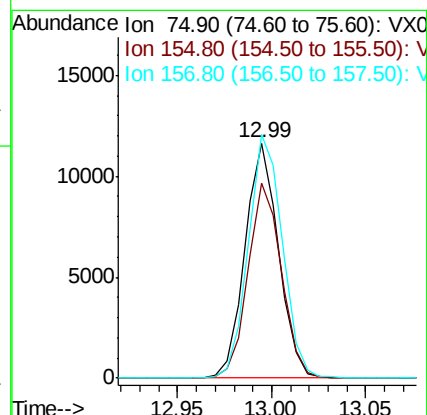
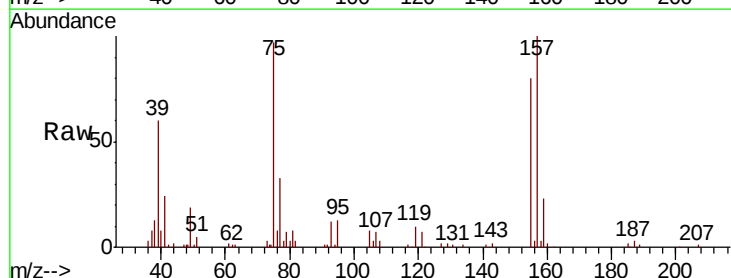
Tgt Ion: 75 Resp: 14336

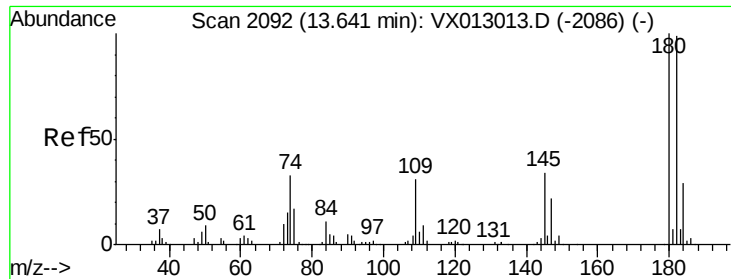
Ion Ratio Lower Upper

75 100

155 82.8 43.0 128.8

157 105.1 54.1 162.3

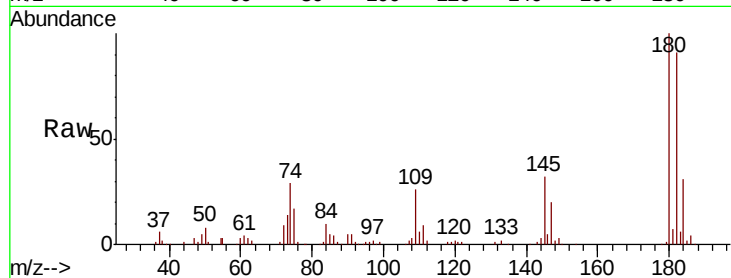




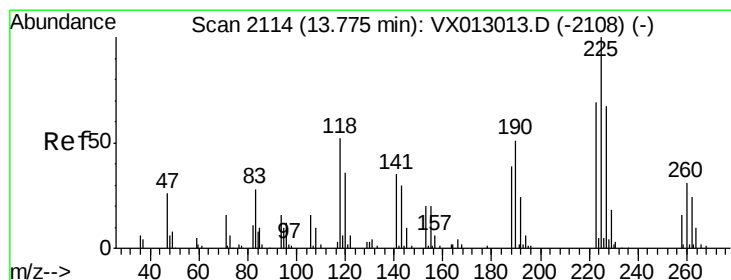
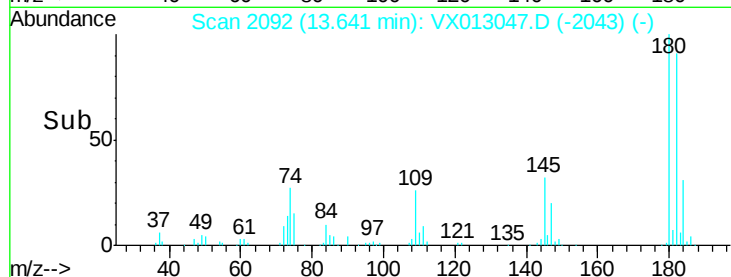
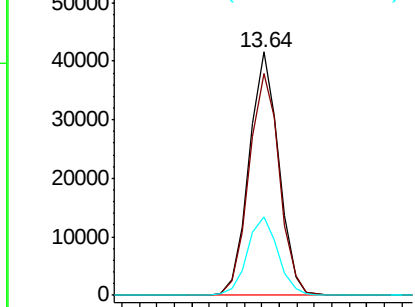
#93
 1,2,4-Trichlorobenzene
 Concen: 19.607 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1014WBS01

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

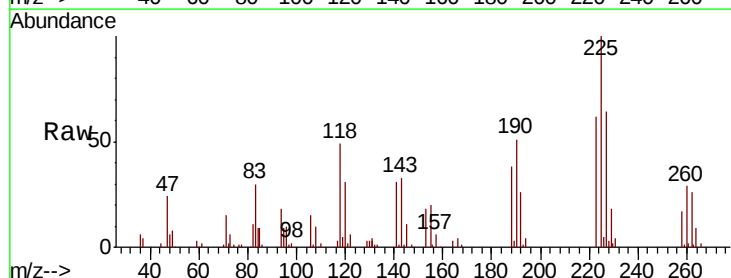


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

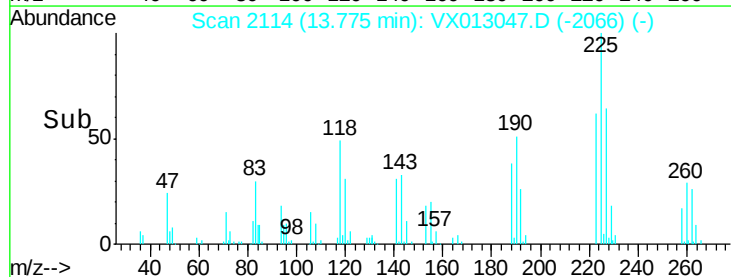
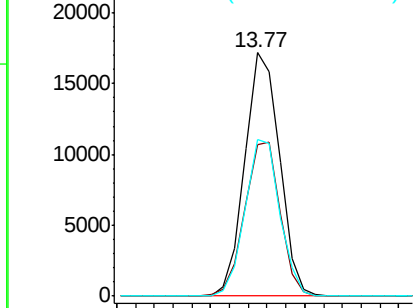


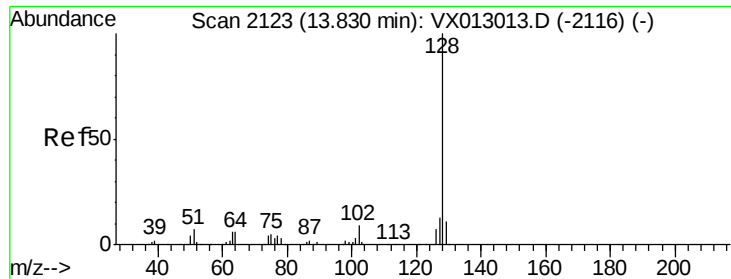
#94
 Hexachlorobutadiene
 Concen: 19.069 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX013047.D
 Acq: 14 Oct 2019 13:22

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

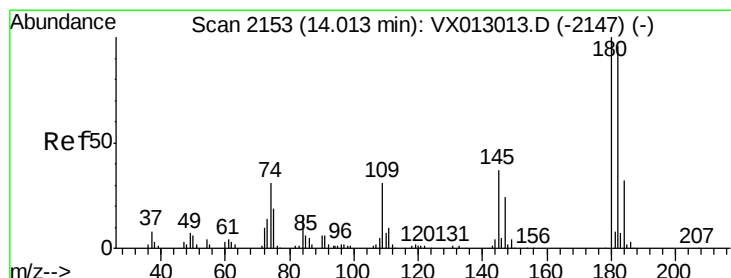
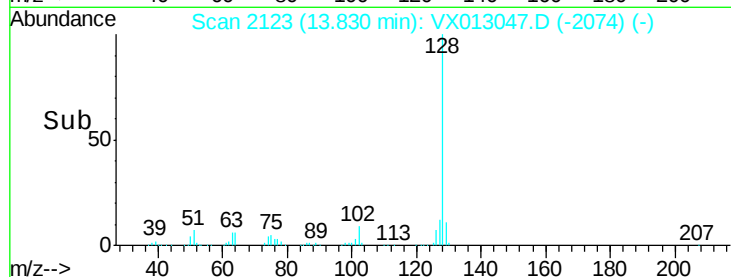
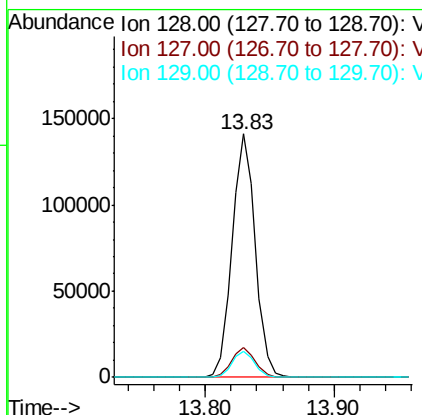
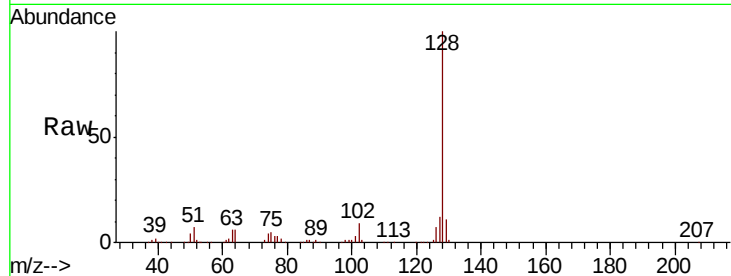




#95
Naphthalene
Concen: 20.394 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013047.D
Acq: 14 Oct 2019 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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

