

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX103019\
 Data File : VX013281.D
 Acq On : 30 Oct 2019 12:33
 Operator : JC/SP
 Sample : VX1030WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 31 01:39:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	70406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	102131	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	102521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	67872	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	79797	54.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.38%	
35) Dibromofluoromethane	5.49	113	61350	53.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.74%	
50) Toluene-d8	8.71	98	219104	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
62) 4-Bromofluorobenzene	11.13	95	83045	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	27353	19.254	ug/l	99
3) Chloromethane	1.32	50	21044	18.613	ug/l	99
4) Vinyl Chloride	1.40	62	23362	18.273	ug/l	97
5) Bromomethane	1.63	94	19352	28.557	ug/l	99
6) Chloroethane	1.72	64	24304	33.104	ug/l	99
7) Trichlorofluoromethane	1.92	101	56594	28.183	ug/l	98
8) Diethyl Ether	2.18	74	19425	28.073	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	25702	20.571	ug/l	98
10) Methyl Iodide	2.50	142	27973	20.053	ug/l	100
11) Tert butyl alcohol	3.03	59	34567	107.598	ug/l	100
12) 1,1-Dichloroethene	2.37	96	23760	19.810	ug/l	92
13) Acrolein	2.28	56	13823	80.007	ug/l	97
14) Allyl chloride	2.72	41	35915	19.021	ug/l	96
15) Acrylonitrile	3.13	53	66199	101.989	ug/l	98
16) Acetone	2.43	43	74360	107.184	ug/l	98
17) Carbon Disulfide	2.56	76	56078	17.391	ug/l	99
18) Methyl Acetate	2.76	43	32414	21.951	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	88712	21.004	ug/l	98
20) Methylene Chloride	2.84	84	27623	21.457	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	25326	20.577	ug/l	92
22) Diisopropyl ether	3.84	45	74053	20.058	ug/l	97
23) Vinyl Acetate	3.80	43	319426	101.793	ug/l	99
24) 1,1-Dichloroethane	3.69	63	46566	20.506	ug/l	97
25) 2-Butanone	4.66	43	96419	103.631	ug/l	99
26) 2,2-Dichloropropane	4.57	77	44886	21.387	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	30288	20.620	ug/l	98
28) Bromochloromethane	5.00	49	12279	20.970	ug/l	96
29) Tetrahydrofuran	5.11	42	55831	99.554	ug/l	100
30) Chloroform	5.20	83	51852	21.446	ug/l	98
31) Cyclohexane	5.57	56	37365	19.620	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	47541	22.114	ug/l	99
36) 1,1-Dichloropropene	5.79	75	36374	21.232	ug/l	100
37) Ethyl Acetate	4.82	43	34278	20.141	ug/l	99
38) Carbon Tetrachloride	5.78	117	40504	21.456	ug/l	96

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 31 01:39:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	40753	18.639	ug/l	97
40) Benzene	6.13	78	104186	20.310	ug/l	99
41) Methacrylonitrile	5.03	41	19164	21.002	ug/l	98
42) 1,2-Dichloroethane	6.19	62	43453	22.466	ug/l	99
43) Isopropyl Acetate	6.43	43	58487	20.698	ug/l	99
44) Trichloroethene	7.21	130	30286	20.802	ug/l	98
45) 1,2-Dichloropropane	7.51	63	25689	19.994	ug/l	98
46) Dibromomethane	7.65	93	19029	20.556	ug/l	99
47) Bromodichloromethane	7.89	83	39217	21.739	ug/l	96
48) Methyl methacrylate	7.76	41	29016	20.776	ug/l	98
49) 1,4-Dioxane	7.73	88	14563	409.695	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	176241	102.324	ug/l	100
52) Toluene	8.78	92	68892	20.264	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	41964	21.890	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	44353	21.149	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	28899	21.501	ug/l	98
56) Ethyl methacrylate	9.17	69	41954	20.739	ug/l	98
57) 1,3-Dichloropropane	9.37	76	46339	20.432	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	81668	103.461	ug/l	98
59) 2-Hexanone	9.48	43	139070	104.821	ug/l	98
60) Dibromochloromethane	9.57	129	30824	21.886	ug/l	99
61) 1,2-Dibromoethane	9.67	107	29728	20.834	ug/l	98
64) Tetrachloroethene	9.33	164	30337	22.939	ug/l	95
65) Chlorobenzene	10.14	112	74321	20.709	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	29460	22.221	ug/l	97
67) Ethyl Benzene	10.25	91	134536	20.940	ug/l	100
68) m/p-Xylenes	10.36	106	99216	40.863	ug/l	99
69) o-Xylene	10.70	106	48623	20.876	ug/l	99
70) Styrene	10.71	104	83132	20.728	ug/l	99
71) Bromoform	10.85	173	21584	22.281	ug/l #	100
73) Isopropylbenzene	11.01	105	130738	21.212	ug/l	99
74) N-amyl acetate	10.89	43	46706	20.647	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	41017	21.917	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	48300	29.526	ug/l	89
77) Bromobenzene	11.25	156	32159	21.770	ug/l	94
78) n-propylbenzene	11.35	91	144279	21.550	ug/l	99
79) 2-Chlorotoluene	11.42	91	92698	21.914	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	114560	22.362	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	12076	20.286	ug/l	92
82) 4-Chlorotoluene	11.51	91	104820	21.870	ug/l	99
83) tert-Butylbenzene	11.76	119	111105	21.921	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	115834	22.416	ug/l	96
85) sec-Butylbenzene	11.94	105	126603	21.950	ug/l	99
86) p-Isopropyltoluene	12.06	119	115521	21.319	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	55917	20.953	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	56365	20.745	ug/l	98
89) n-Butylbenzene	12.39	91	95282	21.495	ug/l	99
90) Hexachloroethane	12.59	117	19902	21.932	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	57684	21.981	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	9936	21.350	ug/l	98

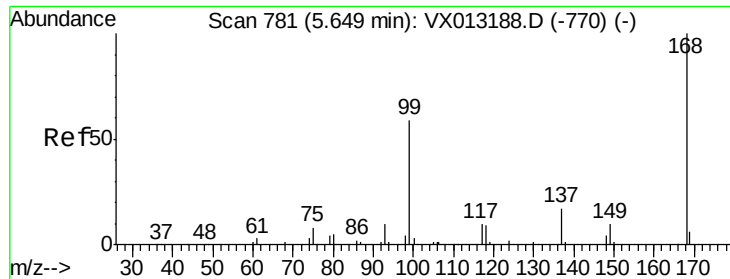
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Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	34742	21.025	ug/l	98
94) Hexachlorobutadiene	13.78	225	17904	20.945	ug/l	97
95) Naphthalene	13.83	128	107734	21.243	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	34320	21.018	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

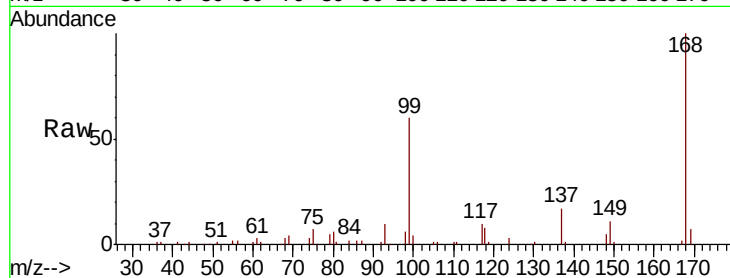
ClientSampleId :

Tot Ion:168 Resp: 70406

Ion Ratio Lower Upper

168 100

99 60.0 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

25000

20000

15000

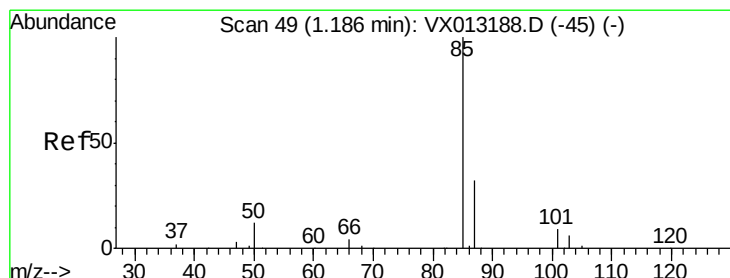
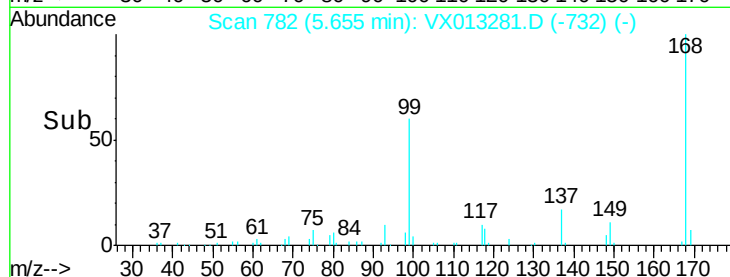
10000

5000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.254 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013281.D

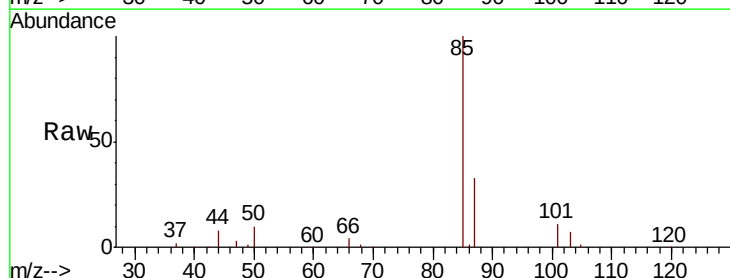
Acq: 30 Oct 2019 12:33

Tgt Ion: 85 Resp: 27353

Ion Ratio Lower Upper

85 100

87 33.0 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

25000

20000

15000

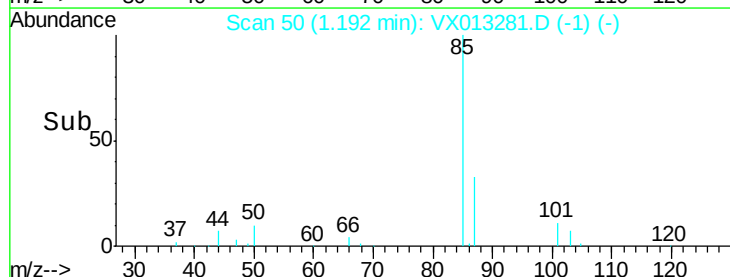
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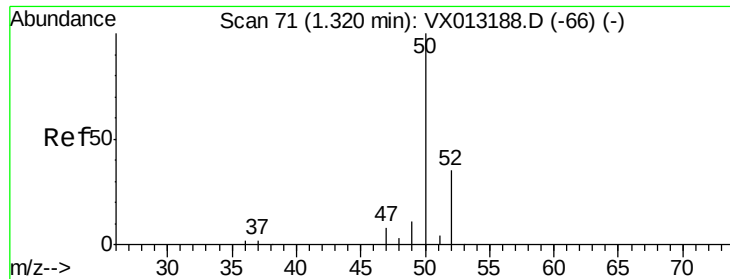
5000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 18.613 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

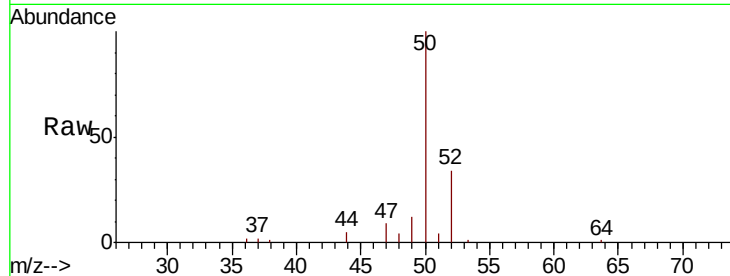
ClientSampleId :

Tot Ion: 50 Resp: 21044

Ion Ratio Lower Upper

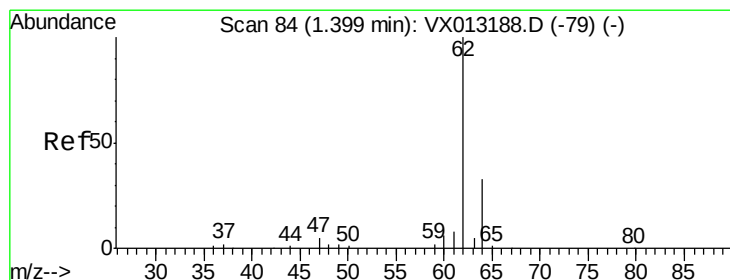
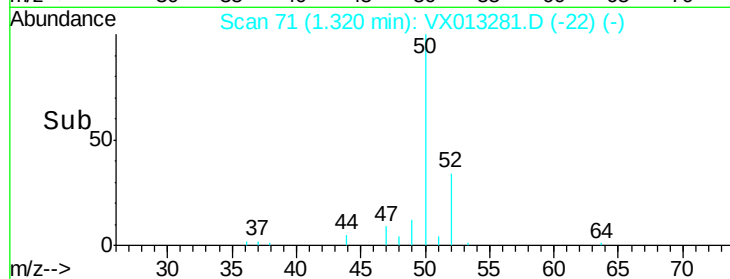
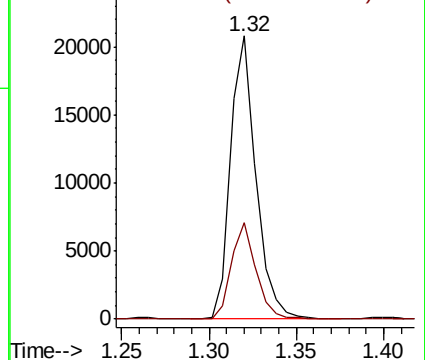
50 100

52 34.2 27.8 41.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.273 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013281.D

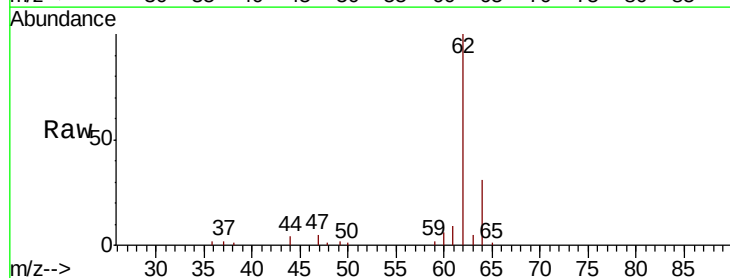
Acq: 30 Oct 2019 12:33

Tgt Ion: 62 Resp: 23362

Ion Ratio Lower Upper

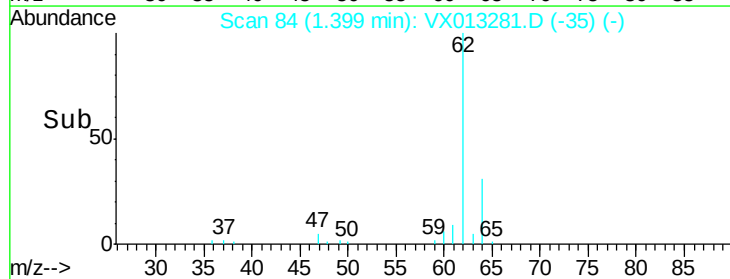
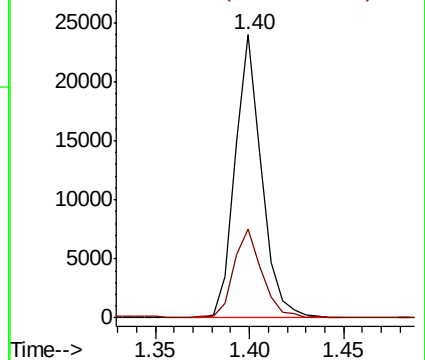
62 100

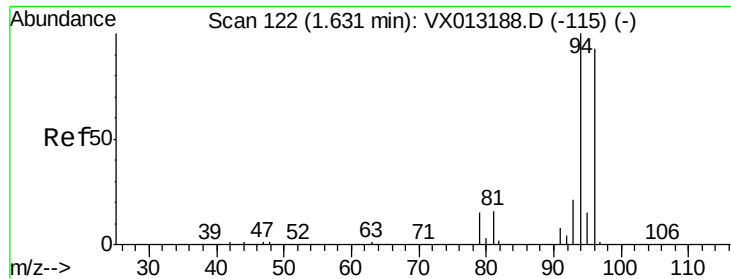
64 31.3 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

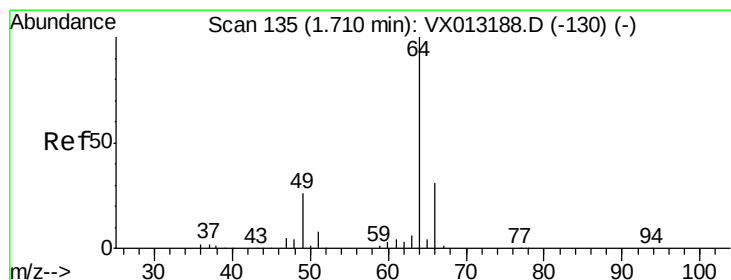
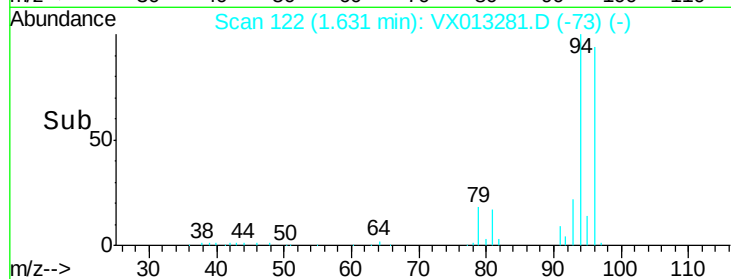
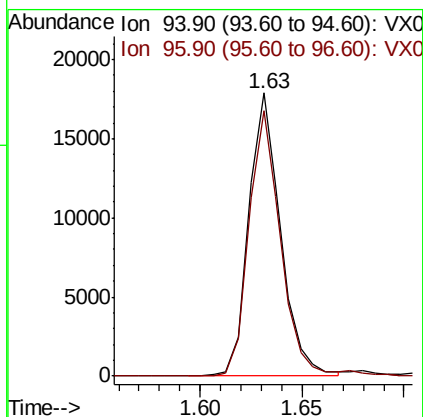
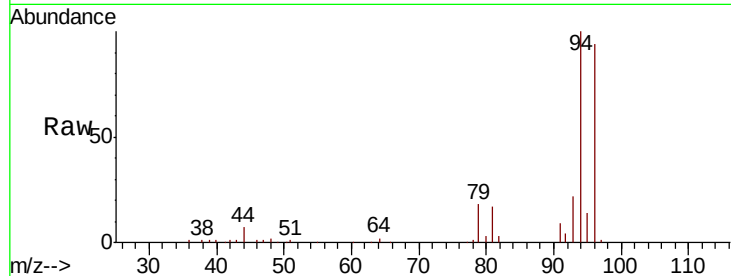




#5
Bromomethane
Concen: 28.557 ug/l
RT: 1.63 min Scan# 122
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

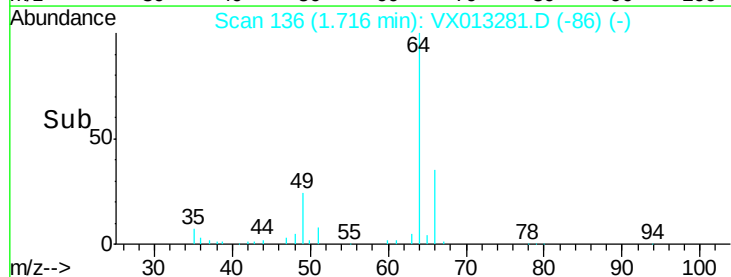
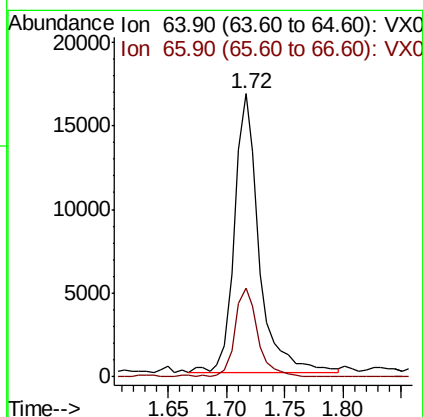
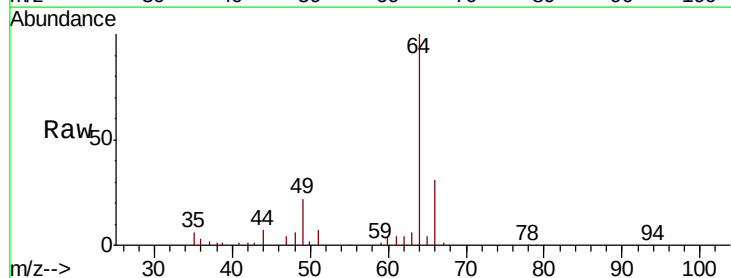
Instrument :
MSVOA_X
ClientSampled :

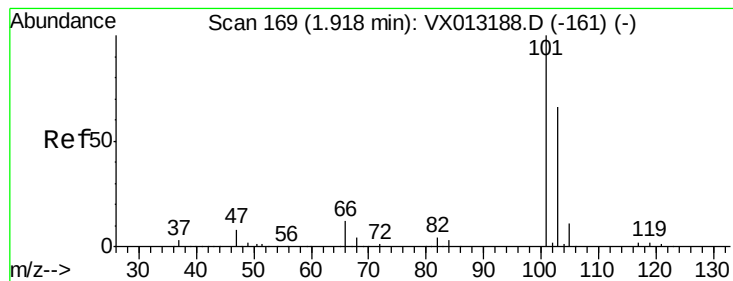
Tot Ion: 94 Resp: 19352
Ion Ratio Lower Upper
94 100
96 94.0 74.2 111.2



#6
Chloroethane
Concen: 33.104 ug/l
RT: 1.72 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion: 64 Resp: 24304
Ion Ratio Lower Upper
64 100
66 31.9 25.0 37.6



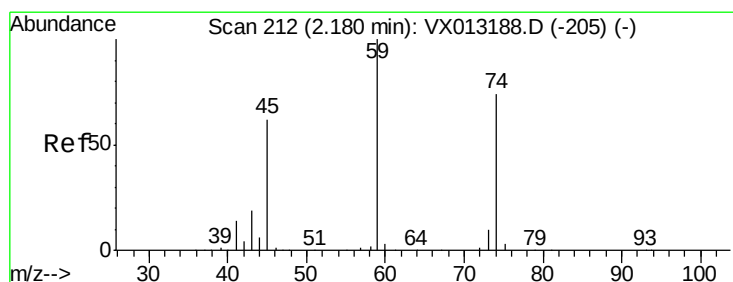
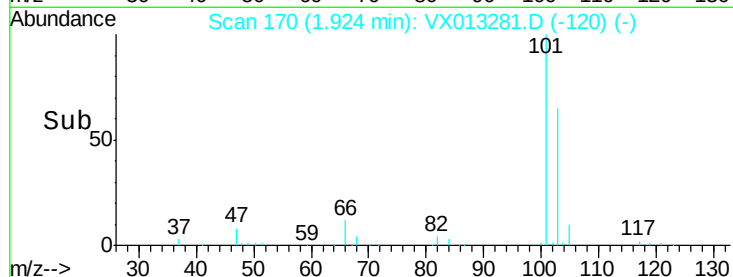
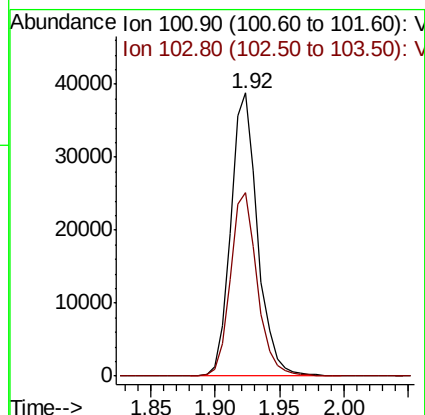
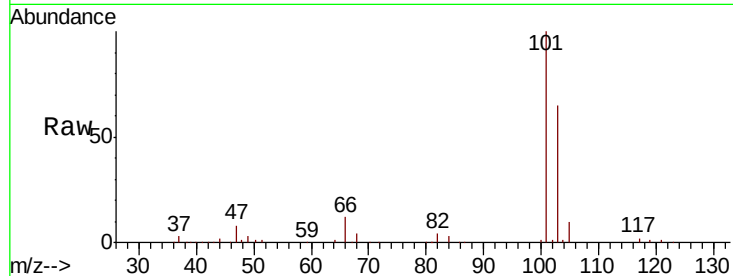


#7

Trichlorofluoromethane
Concen: 28.183 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :

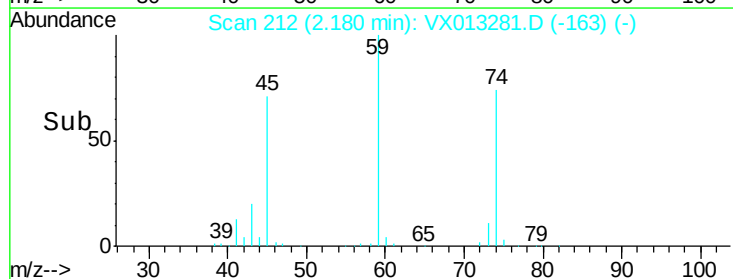
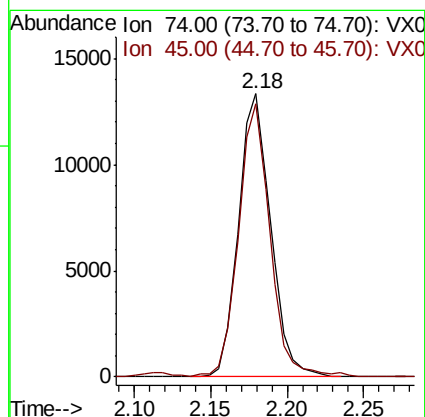
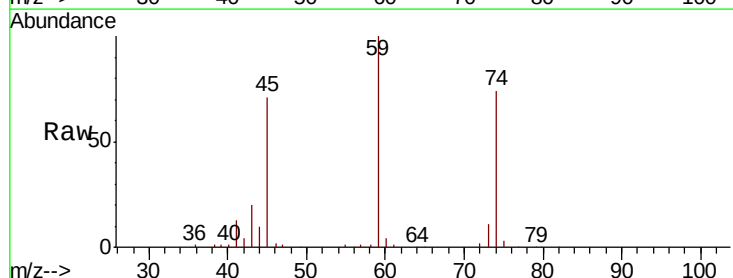
Tot Ion:101 Resp: 56594
Ion Ratio Lower Upper
101 100
103 65.0 53.0 79.6

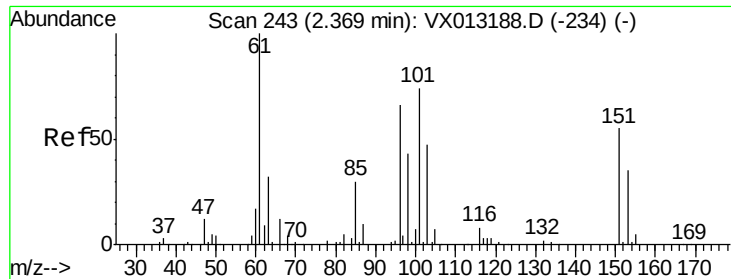


#8

Diethyl Ether
Concen: 28.073 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion: 74 Resp: 19425
Ion Ratio Lower Upper
74 100
45 94.8 44.8 134.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.571 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

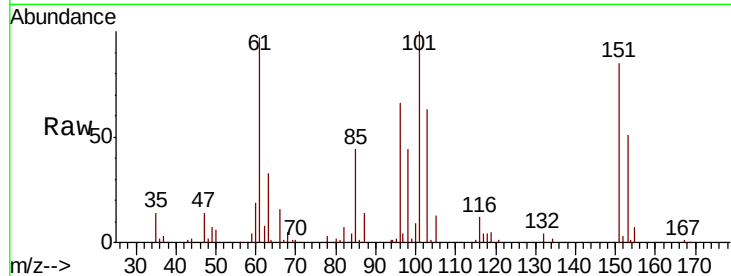
Tot Ion:101 Resp: 25702

Ion Ratio Lower Upper

101 100

85 43.8 34.0 51.0

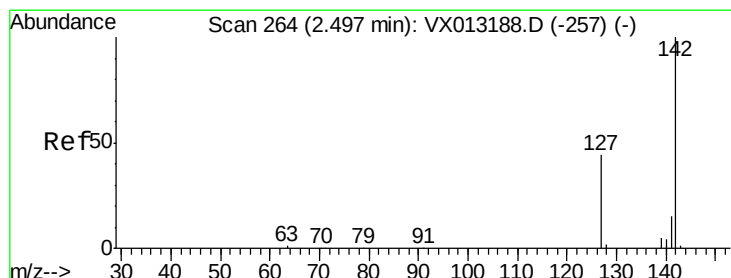
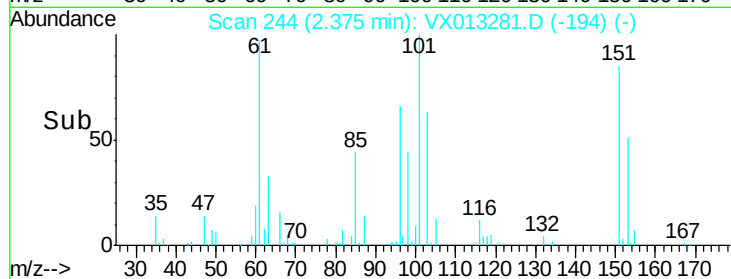
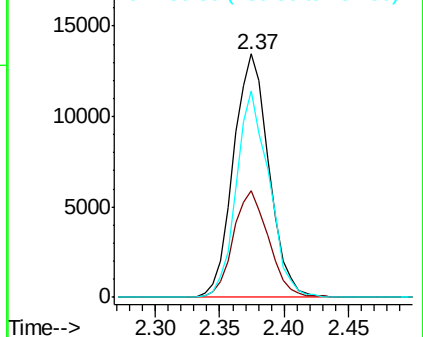
151 78.9 62.0 93.0



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: 20.053 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

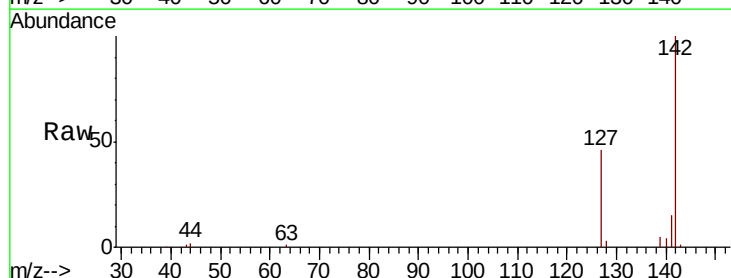
Tgt Ion:142 Resp: 27973

Ion Ratio Lower Upper

142 100

127 44.8 35.6 53.4

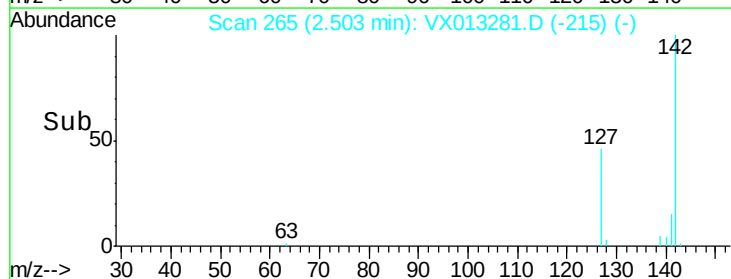
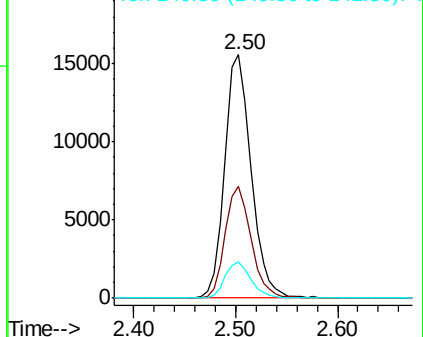
141 14.5 11.6 17.4

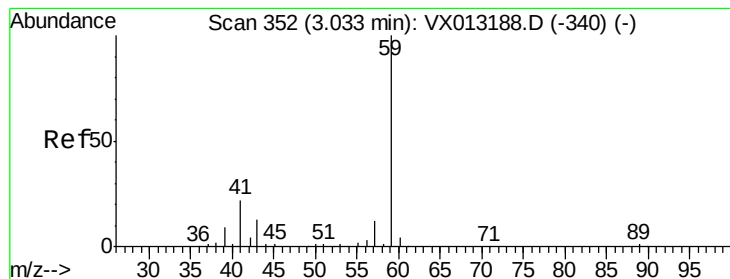


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



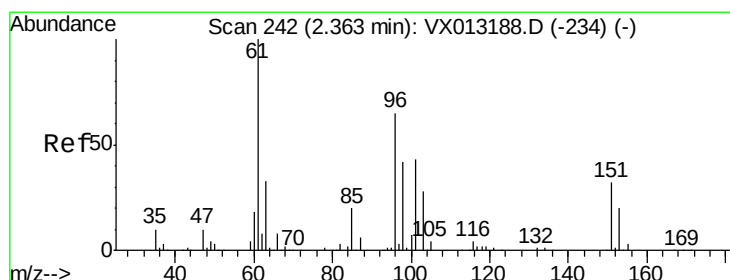
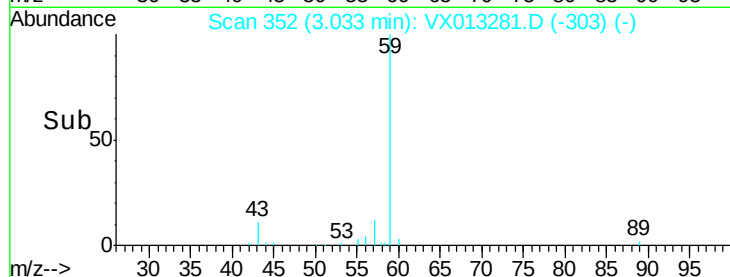
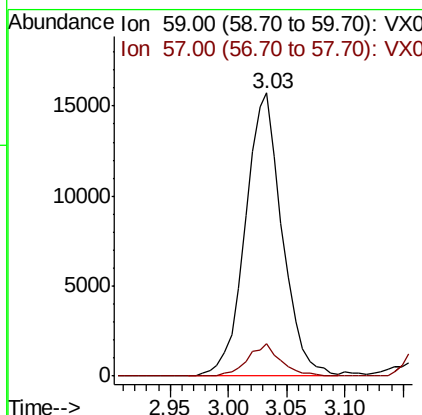
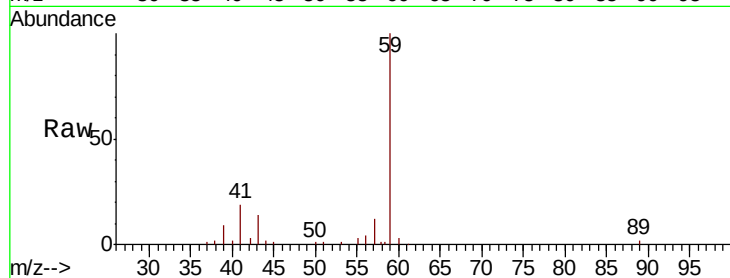


#11

Tert butyl alcohol
 Concen: 107.598 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

Instrument :
 MSVOA_X
 ClientSampleId :

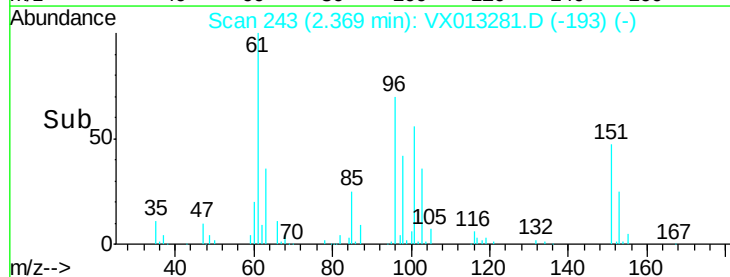
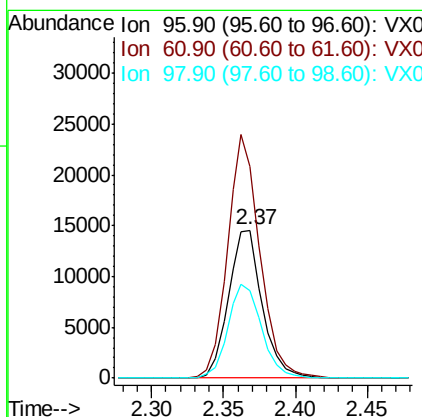
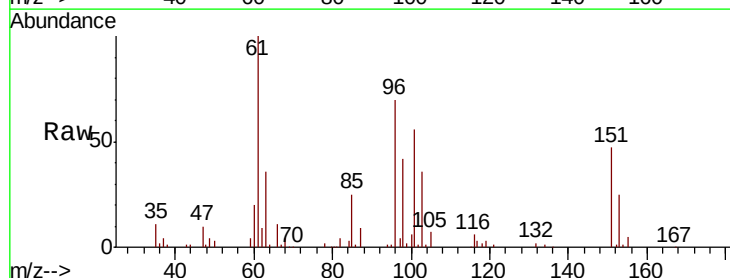
Tot Ion: 59 Resp: 34567
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

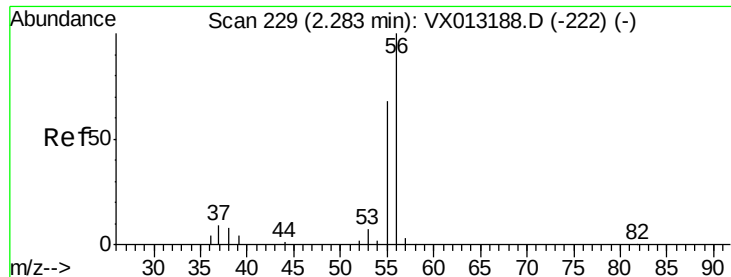


#12

1,1-Dichloroethene
 Concen: 19.810 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

Tgt Ion: 96 Resp: 23760
 Ion Ratio Lower Upper
 96 100
 61 143.0 123.8 185.8
 98 59.4 51.6 77.4





#13

Acrolein

Concen: 80.007 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

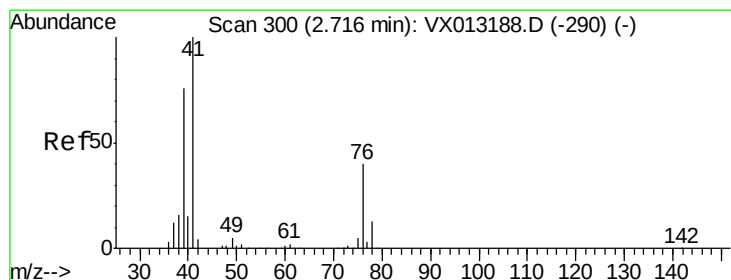
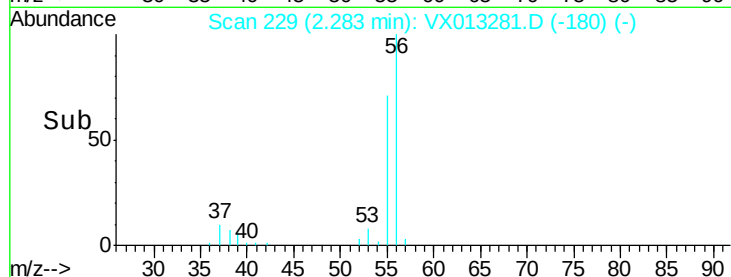
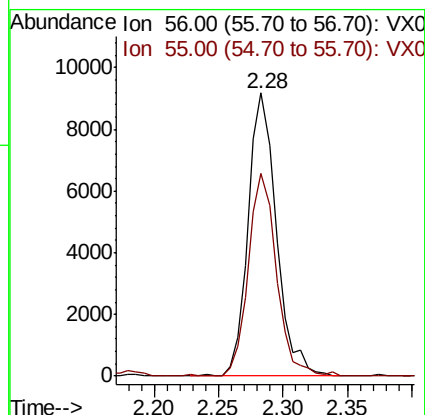
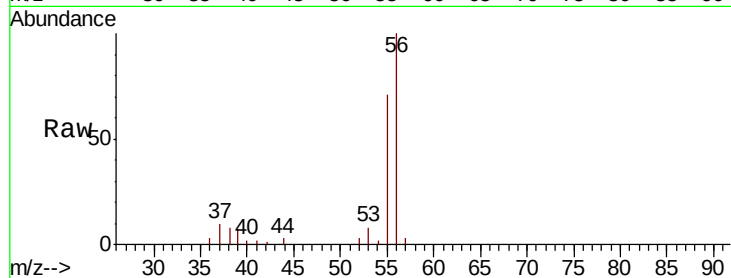
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 13823

Ion Ratio Lower Upper

56 100

55 71.4 58.9 88.3



#14

Allyl chloride

Concen: 19.021 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

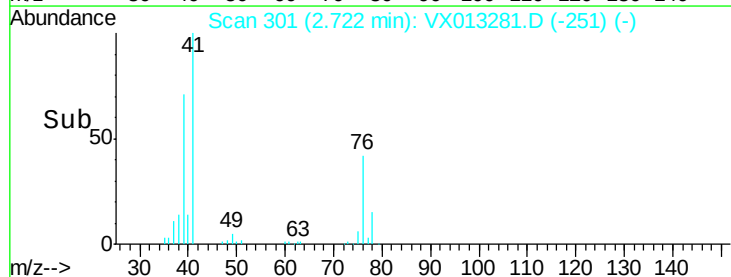
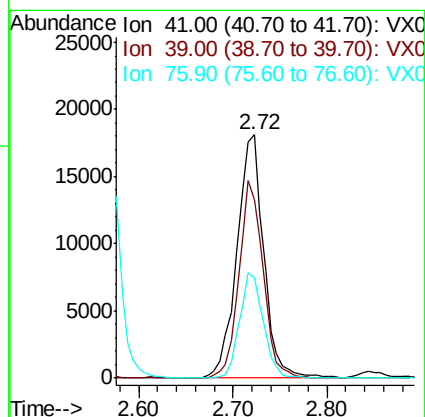
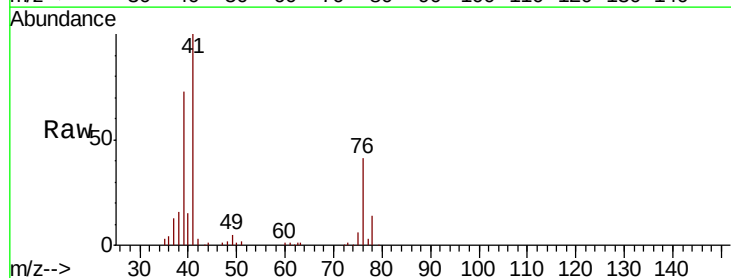
Tgt Ion: 41 Resp: 35915

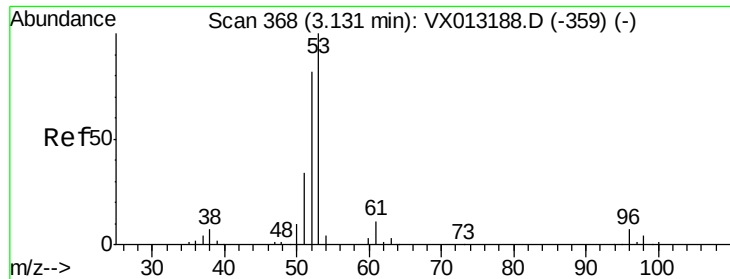
Ion Ratio Lower Upper

41 100

39 72.9 54.6 81.8

76 38.2 29.8 44.6





#15

Acrylonitrile

Concen: 101.989 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

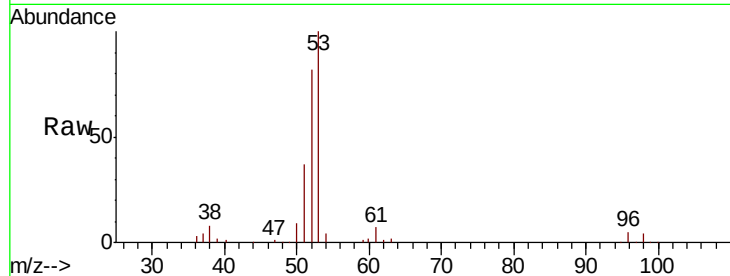
Tot Ion: 53 Resp: 66199

Ion Ratio Lower Upper

53 100

52 84.7 66.4 99.6

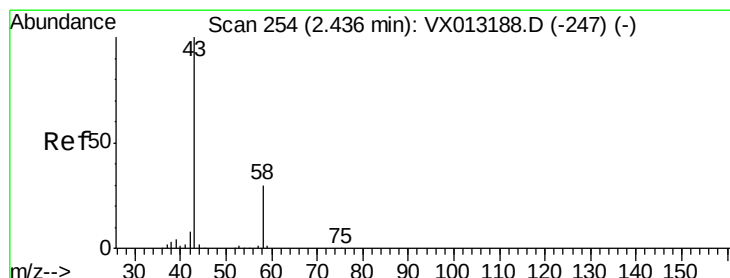
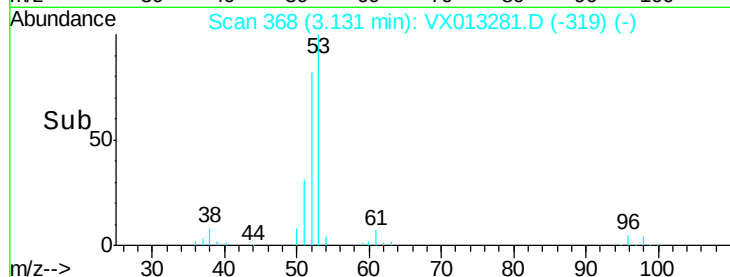
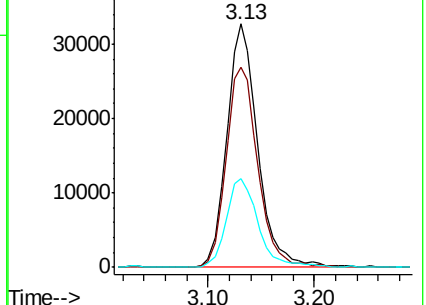
51 38.0 29.4 44.2



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: 107.184 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013281.D

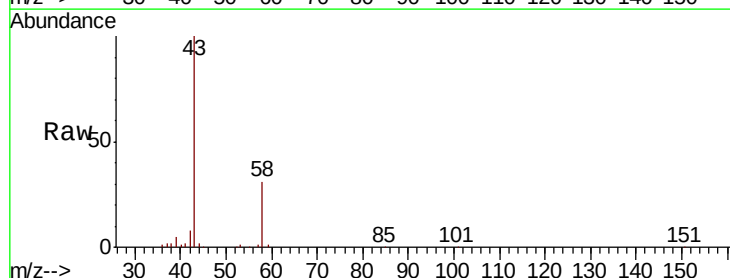
Acq: 30 Oct 2019 12:33

Tgt Ion: 43 Resp: 74360

Ion Ratio Lower Upper

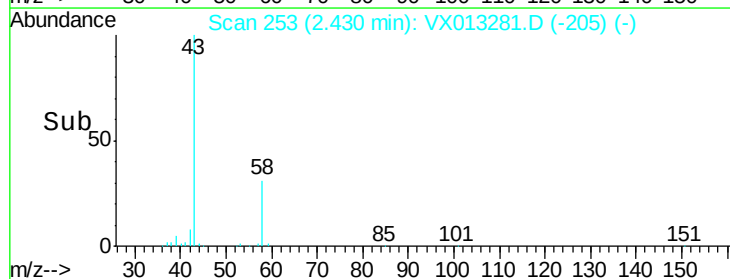
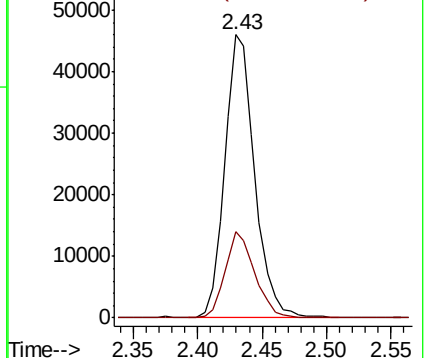
43 100

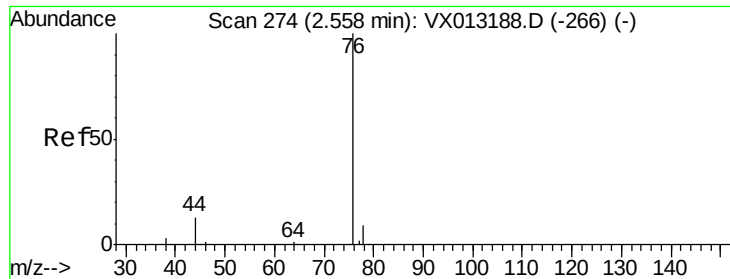
58 30.7 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

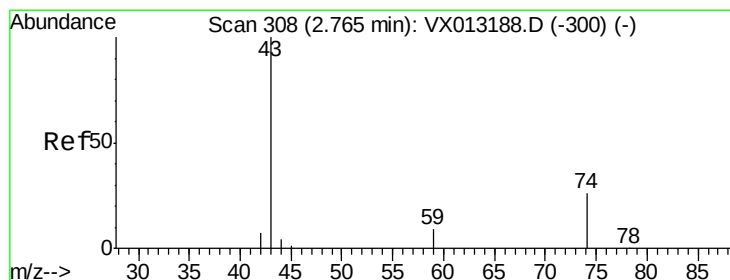
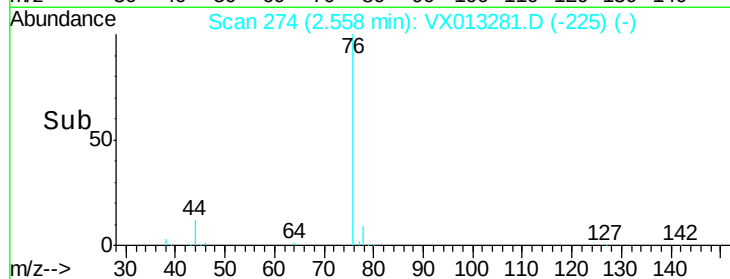
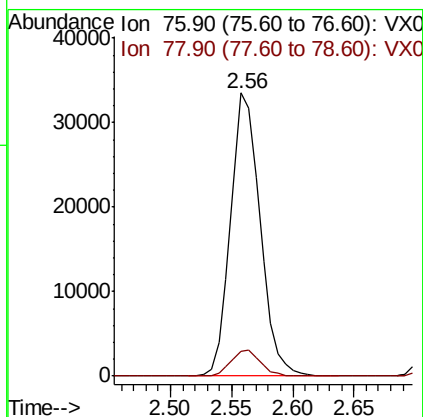
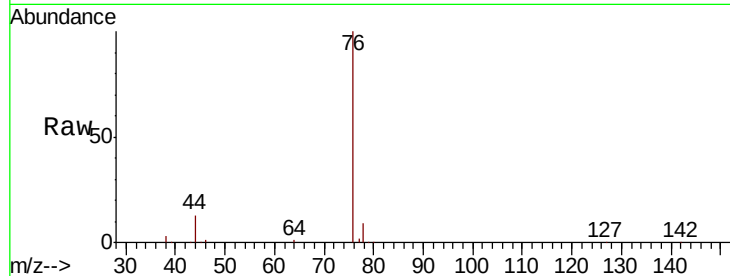




#17
Carbon Disulfide
Concen: 17.391 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

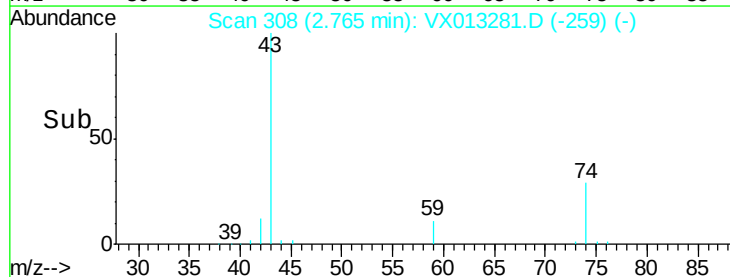
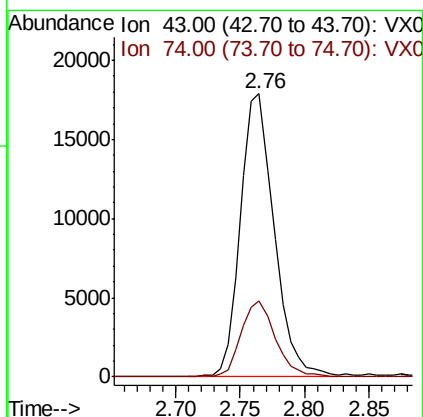
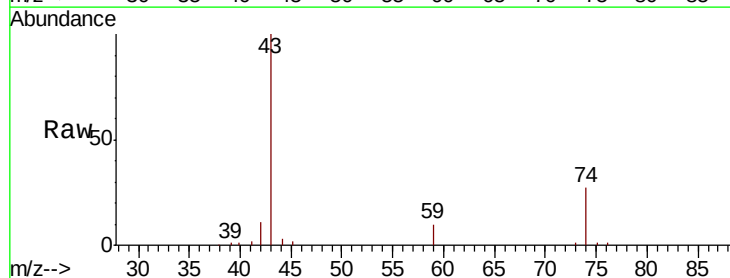
Instrument :
MSVOA_X
ClientSampleId :

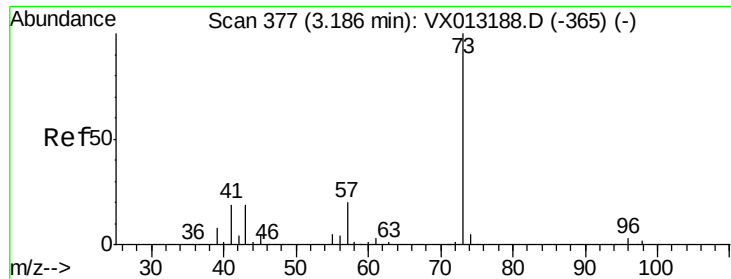
Tot Ion: 76 Resp: 56078
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 21.951 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion: 43 Resp: 32414
Ion Ratio Lower Upper
43 100
74 27.5 20.9 31.3

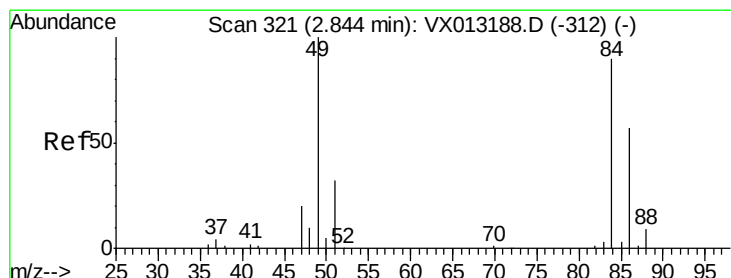
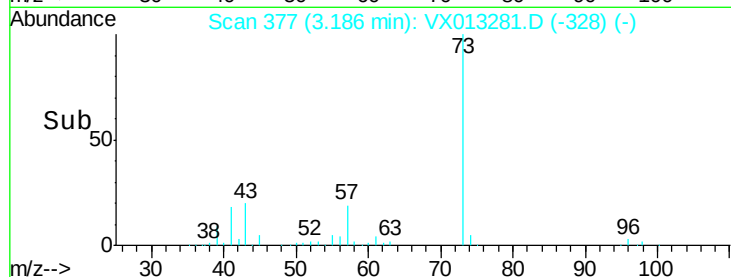
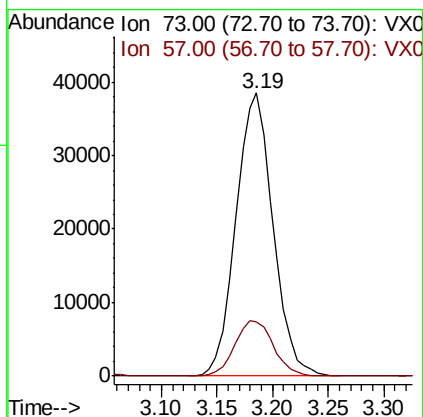
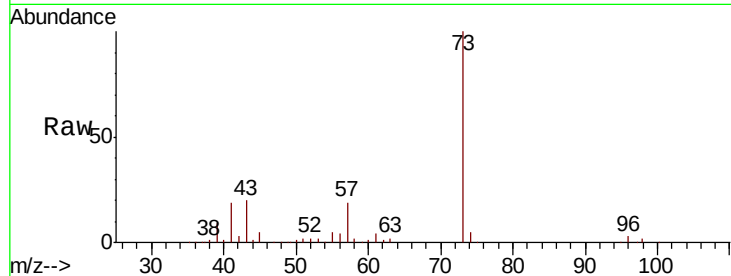




#19
Methyl tert-butyl Ether
Concen: 21.004 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

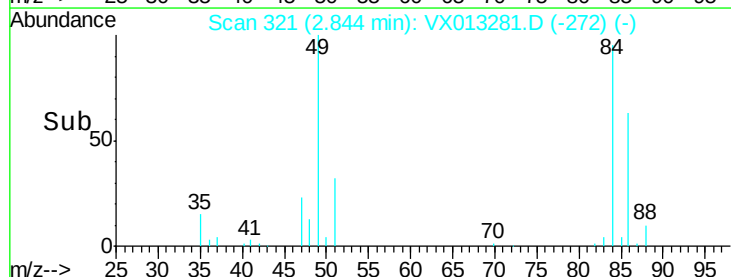
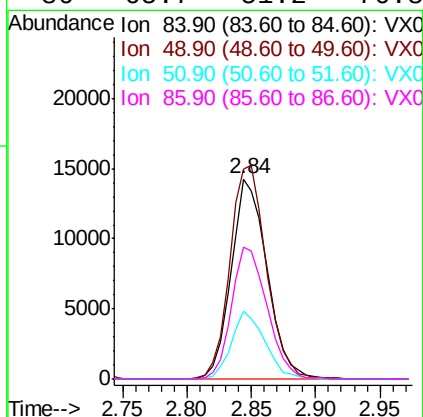
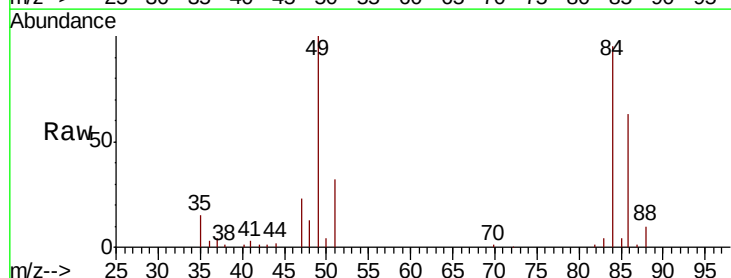
Instrument :
MSVOA_X
ClientSampleId :

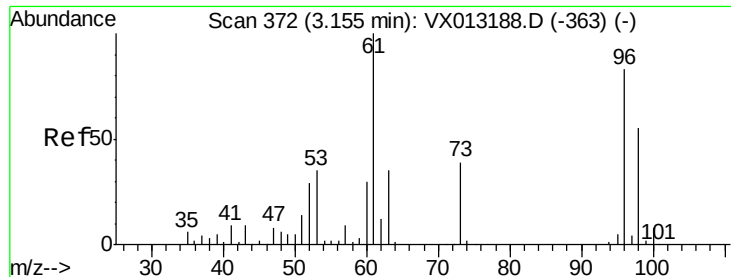
Tot Ion: 73 Resp: 88712
Ion Ratio Lower Upper
73 100
57 18.9 15.8 23.8



#20
Methylene Chloride
Concen: 21.457 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion: 84 Resp: 27623
Ion Ratio Lower Upper
84 100
49 104.8 89.2 133.8
51 33.7 28.8 43.2
86 65.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 20.577 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

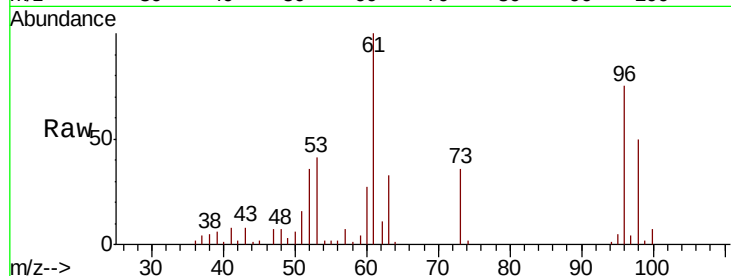
Tot Ion: 96 Resp: 25326

Ion Ratio Lower Upper

96 100

61 134.2 96.9 145.3

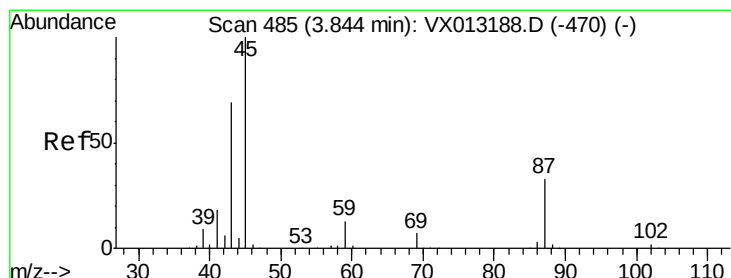
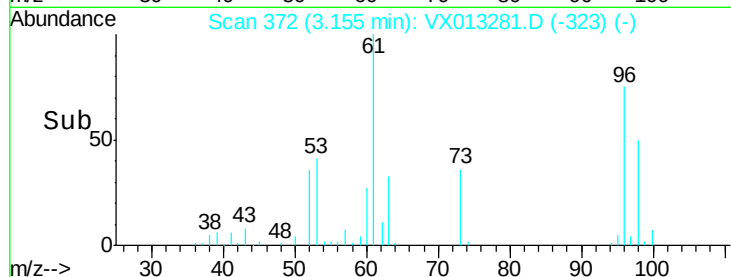
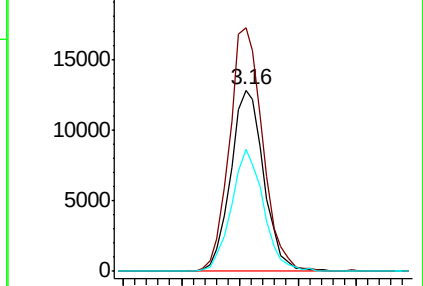
98 67.2 53.0 79.4



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: 20.058 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Tgt Ion: 45 Resp: 74053

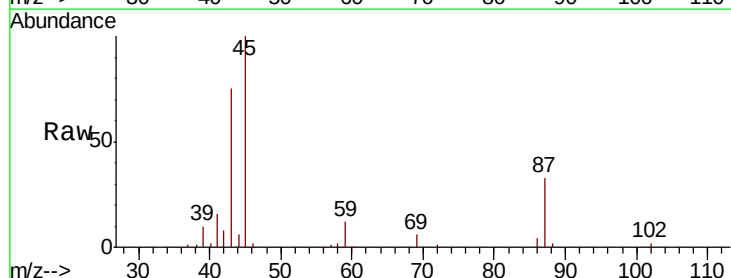
Ion Ratio Lower Upper

45 100

43 73.5 55.5 83.3

87 33.1 26.7 40.1

59 12.1 10.2 15.2

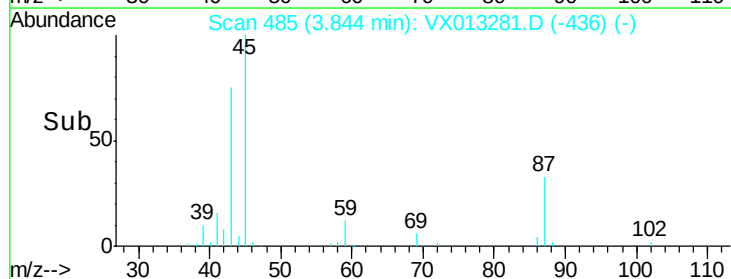
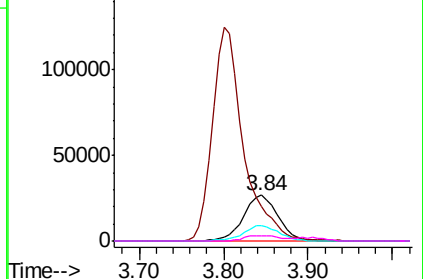


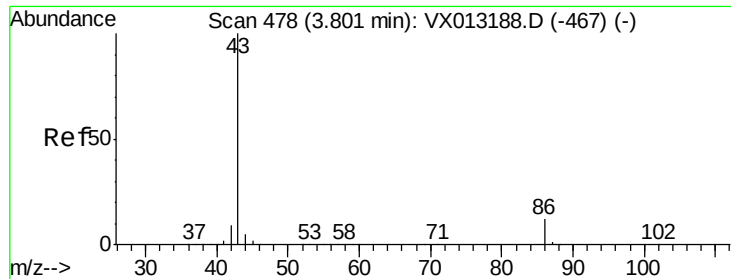
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 101.793 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

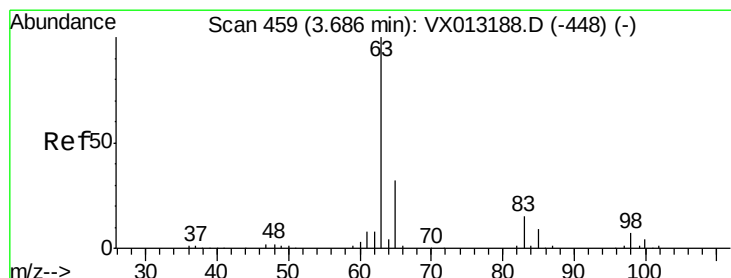
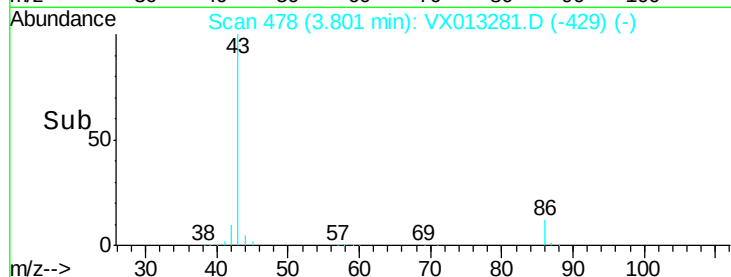
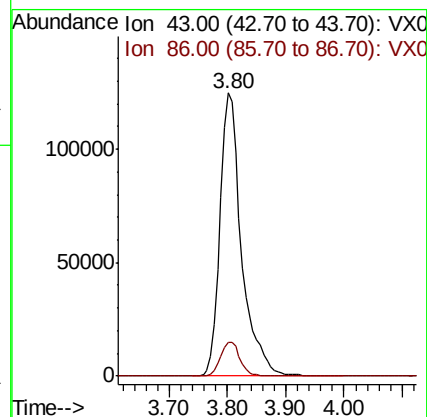
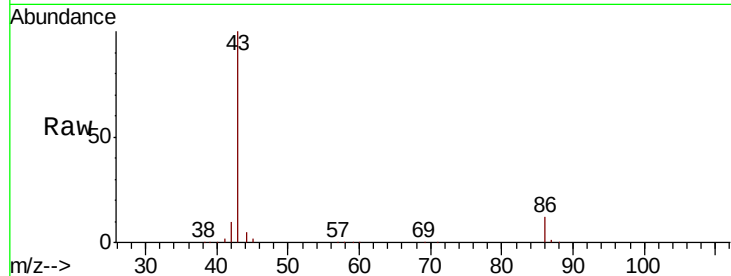
ClientSampled :

Tot Ion: 43 Resp: 319426

Ion Ratio Lower Upper

43 100

86 11.8 9.7 14.5



#24

1,1-Dichloroethane

Concen: 20.506 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

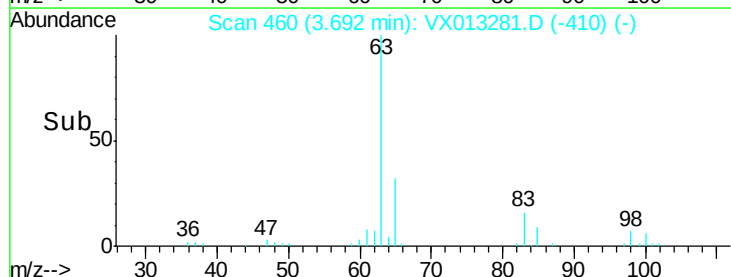
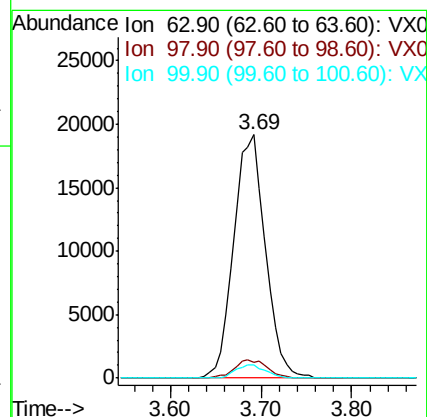
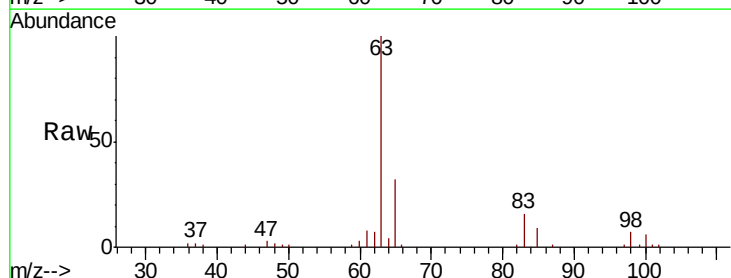
Tgt Ion: 63 Resp: 46566

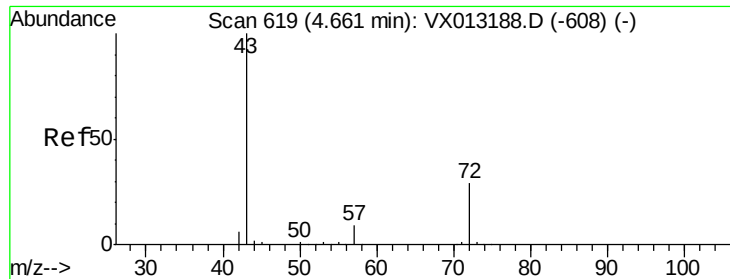
Ion Ratio Lower Upper

63 100

98 6.7 3.8 11.2

100 5.6 2.2 6.6





#25

2-Butanone

Concen: 103.631 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

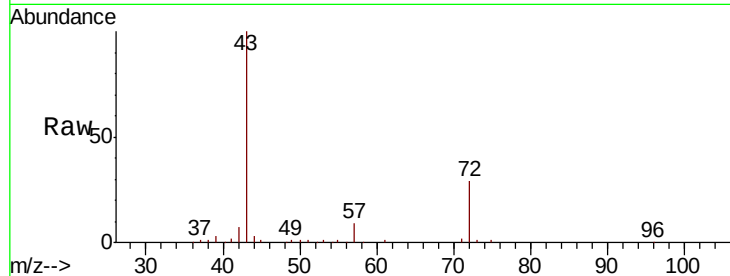
ClientSampleId :

Tot Ion: 43 Resp: 96419

Ion Ratio Lower Upper

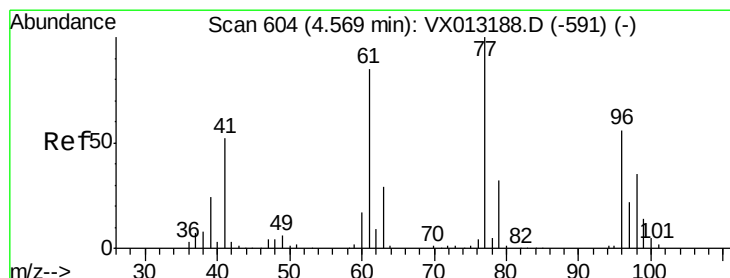
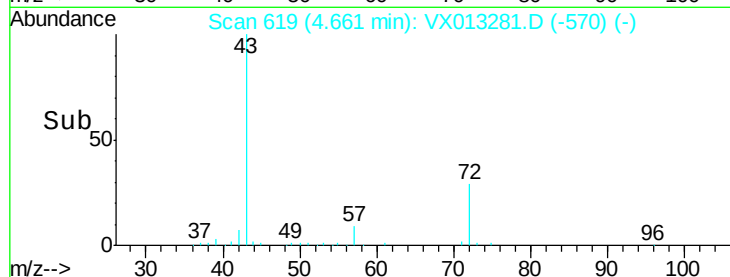
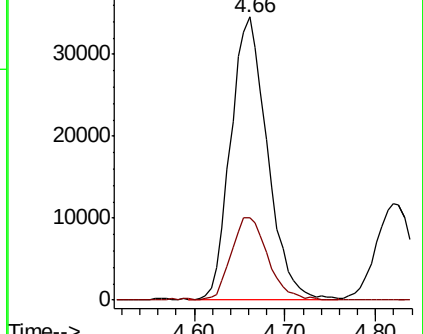
43 100

72 28.9 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 21.387 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013281.D

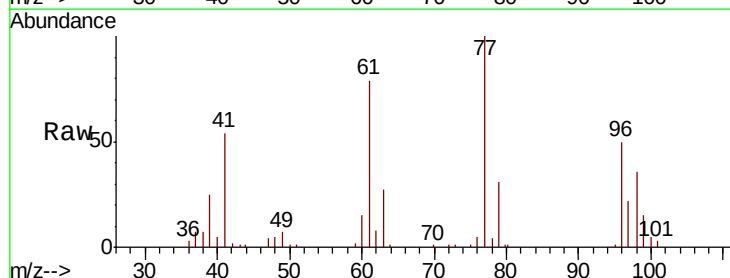
Acq: 30 Oct 2019 12:33

Tgt Ion: 77 Resp: 44886

Ion Ratio Lower Upper

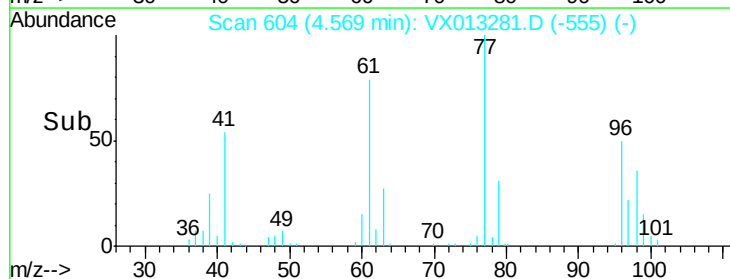
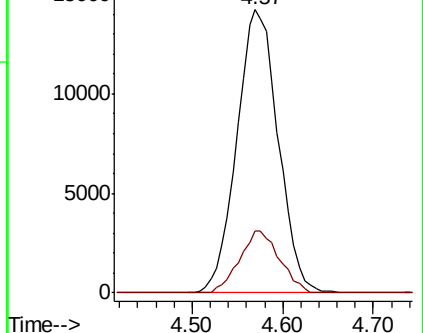
77 100

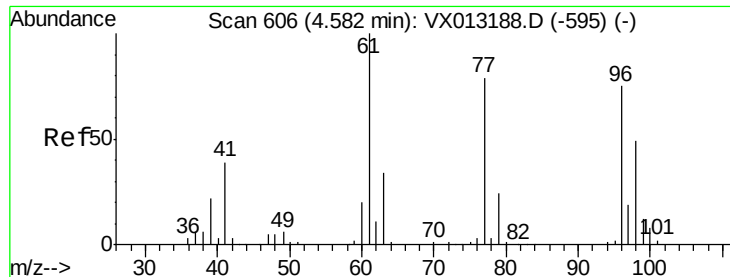
97 21.1 10.9 32.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



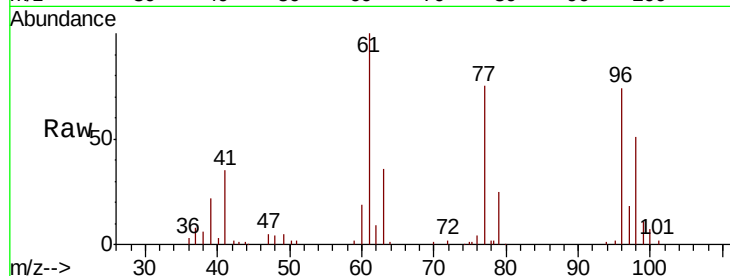


#27

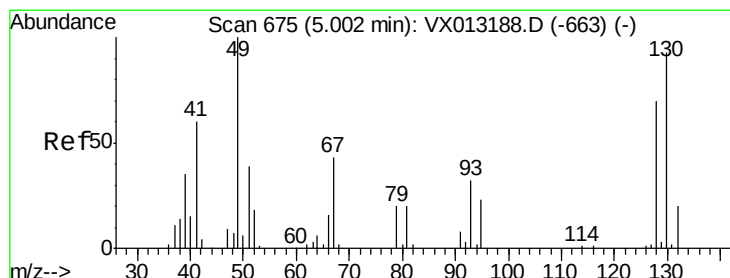
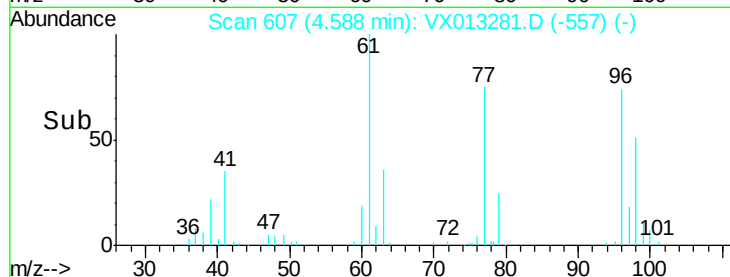
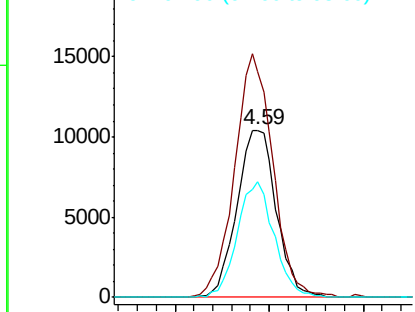
cis-1,2-Dichloroethene
Concen: 20.620 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 30288
Ion Ratio Lower Upper
96 100
61 141.4 0.0 290.4
98 64.5 0.0 130.4



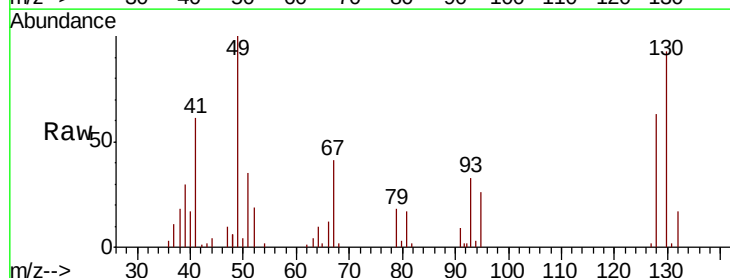
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



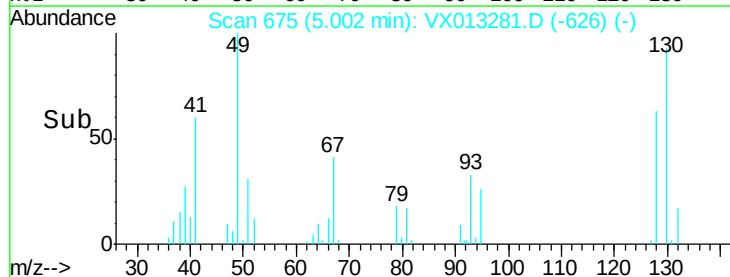
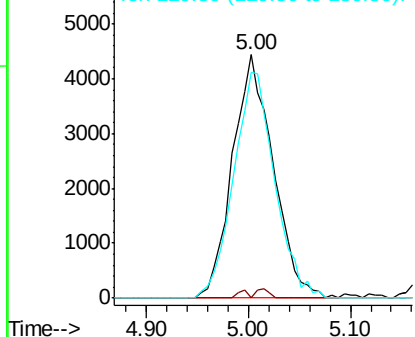
#28

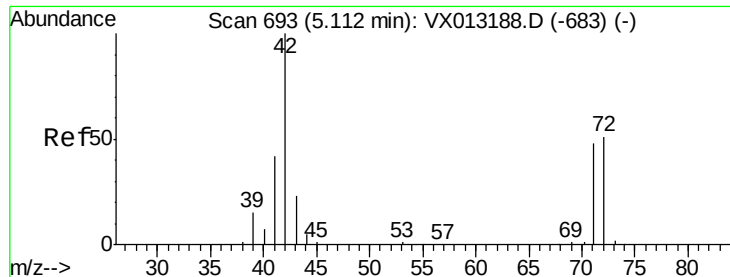
Bromochloromethane
Concen: 20.970 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion: 49 Resp: 12279
Ion Ratio Lower Upper
49 100
129 0.7 0.0 4.8
130 93.8 71.8 107.8



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

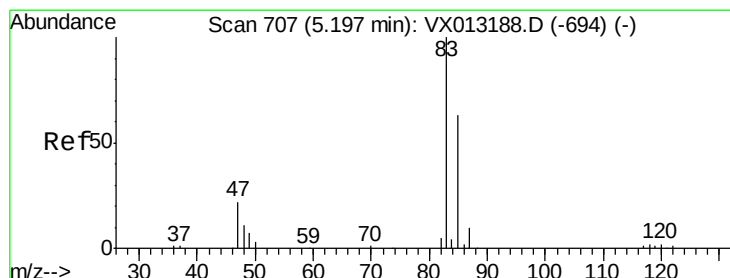
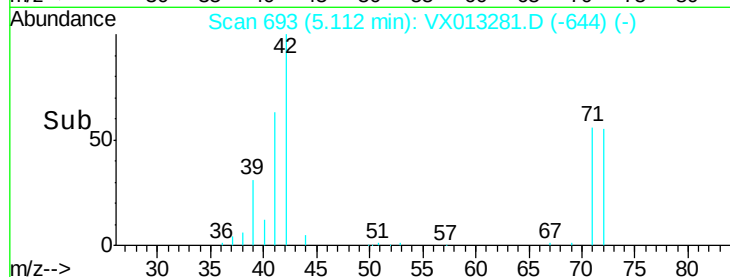
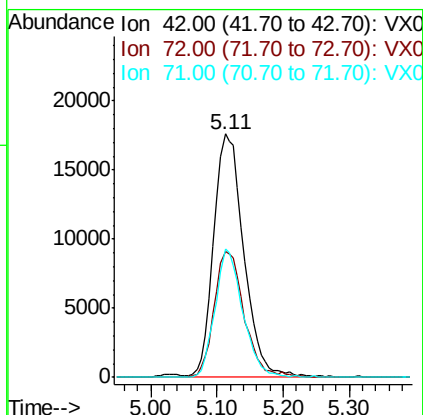
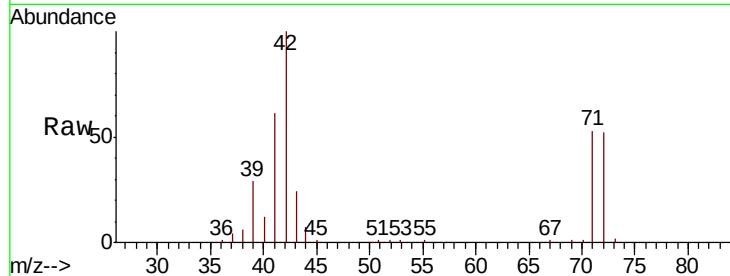




#29
Tetrahydrofuran
Concen: 99.554 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

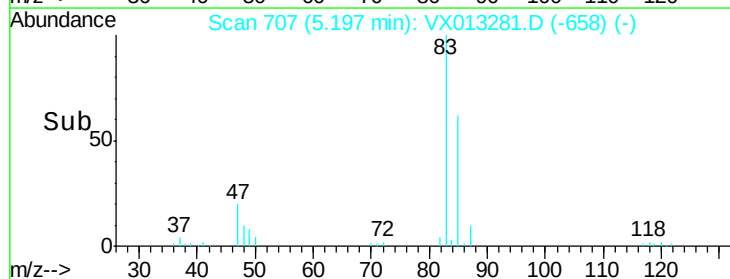
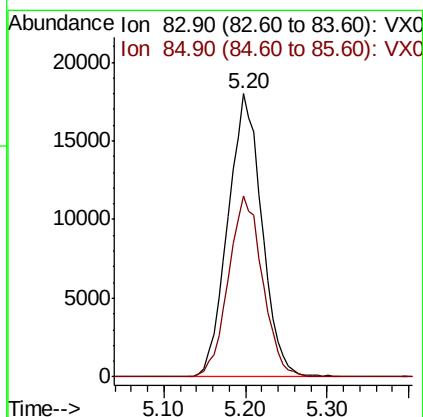
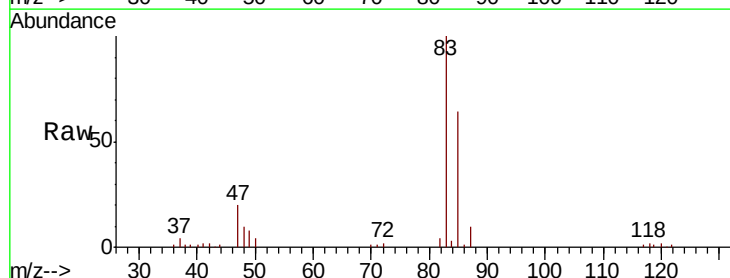
Instrument :
MSVOA_X
ClientSampled :

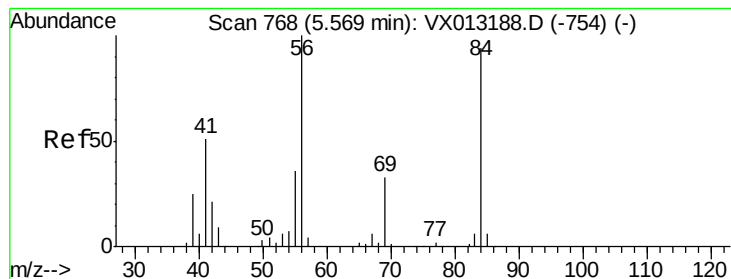
Tot Ion: 42 Resp: 55831
Ion Ratio Lower Upper
42 100
72 51.3 40.9 61.3
71 48.1 38.6 57.8



#30
Chloroform
Concen: 21.446 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion: 83 Resp: 51852
Ion Ratio Lower Upper
83 100
85 63.9 50.1 75.1





#31

Cyclohexane

Concen: 19.620 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

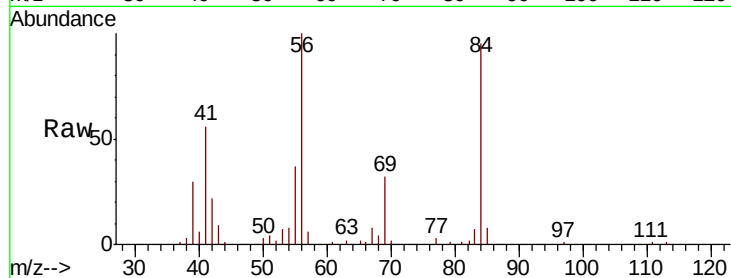
Tot Ion: 56 Resp: 37365

Ion Ratio Lower Upper

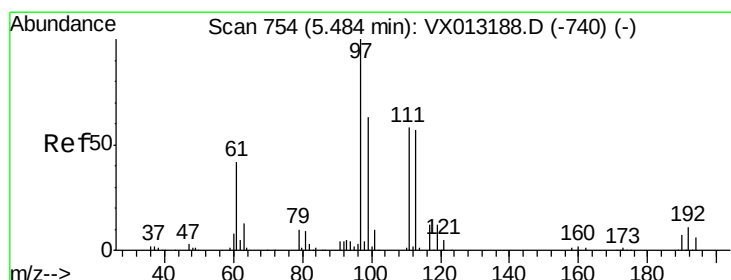
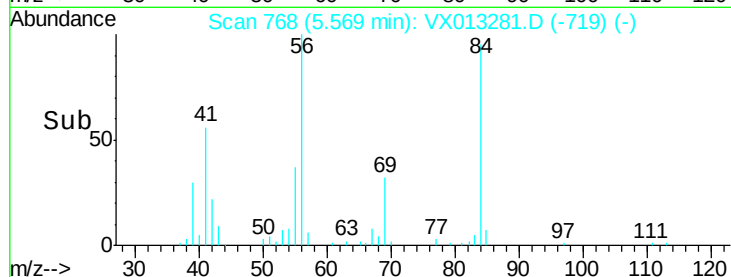
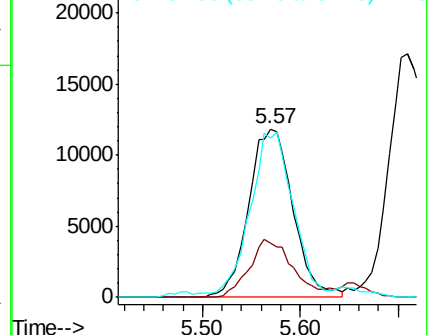
56 100

69 32.1 26.3 39.5

84 92.9 73.8 110.6



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 22.114 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

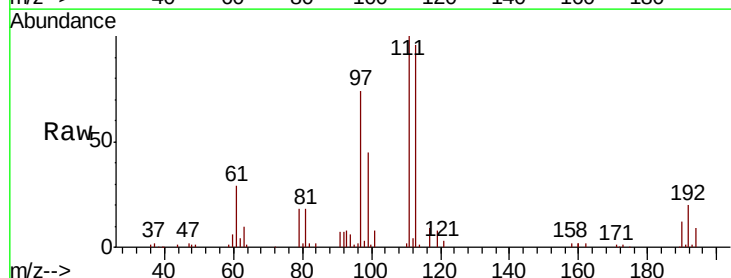
Tgt Ion: 97 Resp: 47541

Ion Ratio Lower Upper

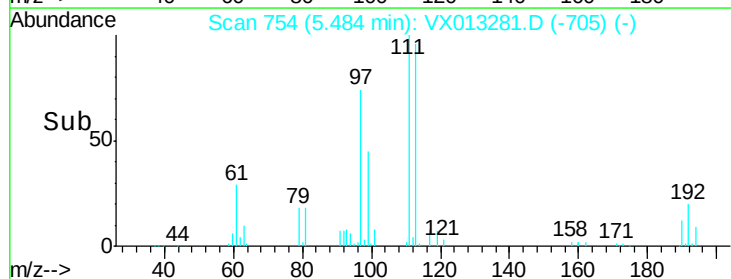
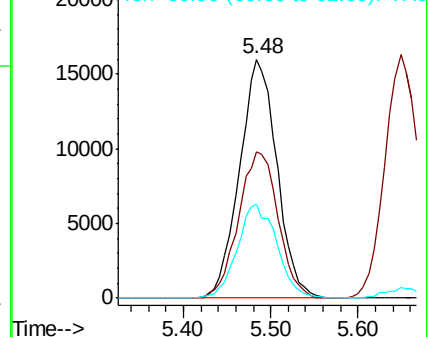
97 100

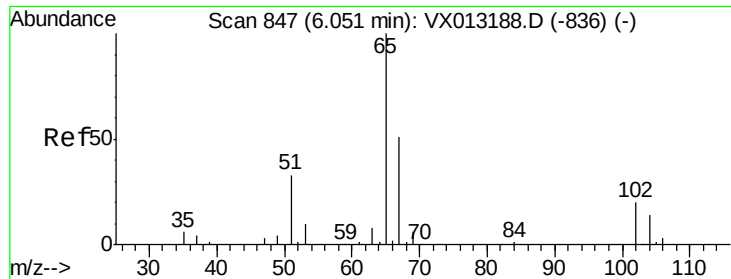
99 64.7 50.8 76.2

61 41.4 32.8 49.2



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

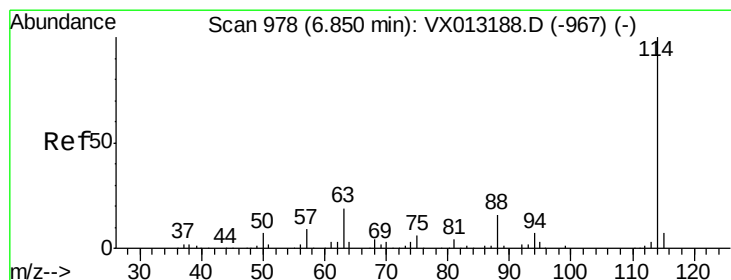
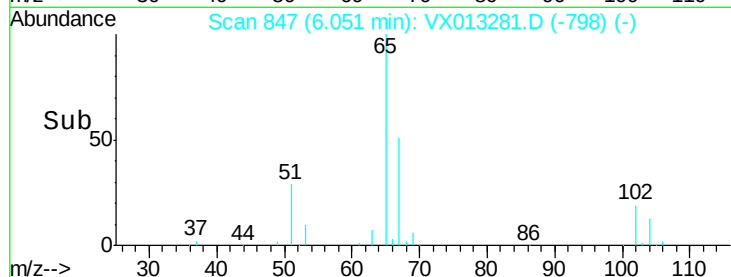
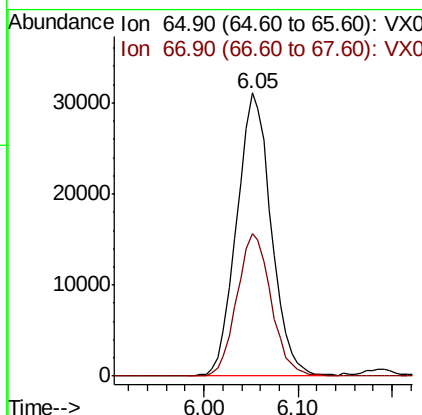
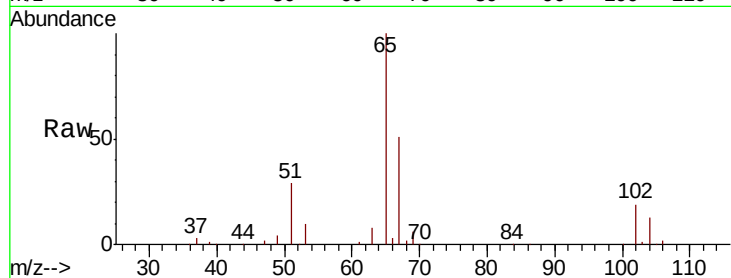




#33
 1,2-Dichloroethane-d4
 Concen: 54.189 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

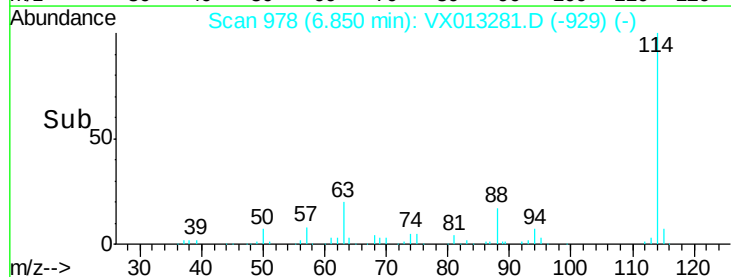
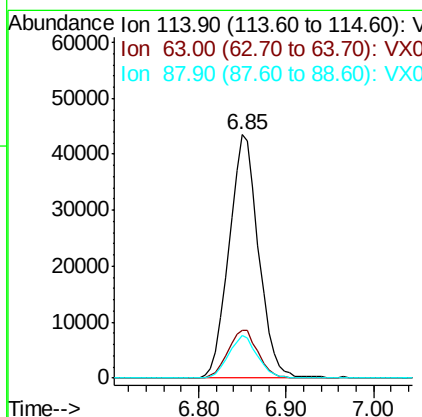
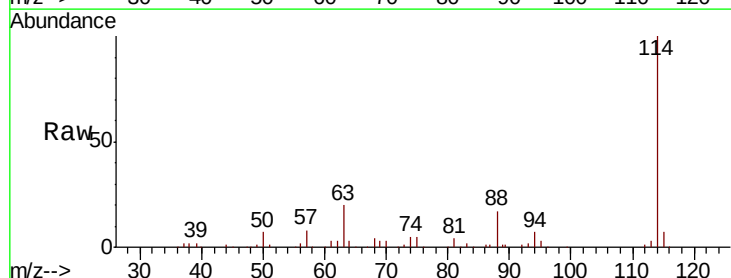
Instrument :
 MSVOA_X
 ClientSampleId :

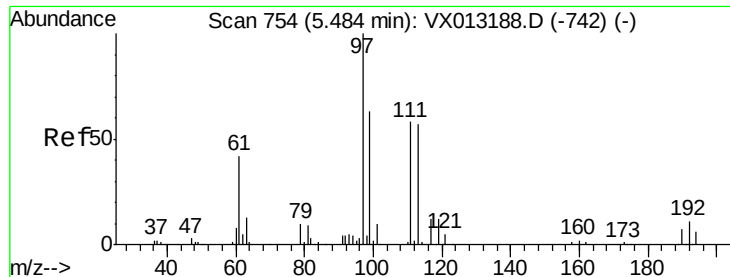
Tot Ion: 65 Resp: 79797
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

Tgt Ion: 114 Resp: 102131
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.0
 88 17.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 53.867 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

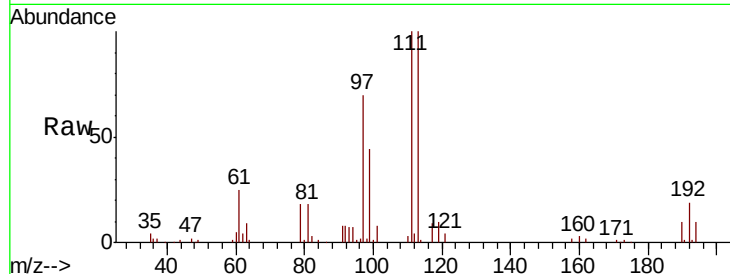
Tot Ion:113 Resp: 61350

Ion Ratio Lower Upper

113 100

111 103.9 80.3 120.5

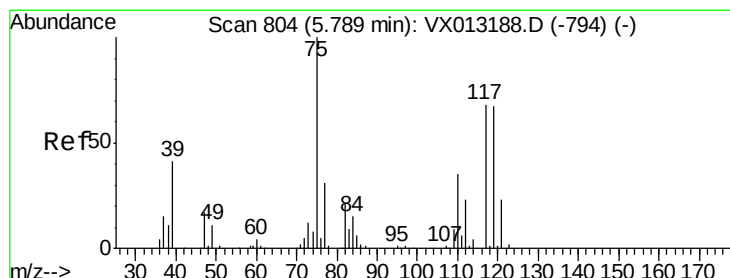
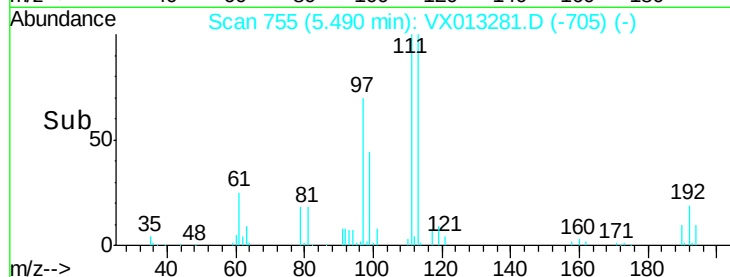
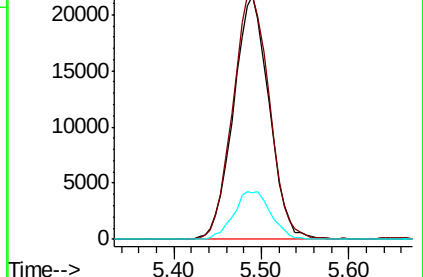
192 20.6 15.9 23.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.232 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

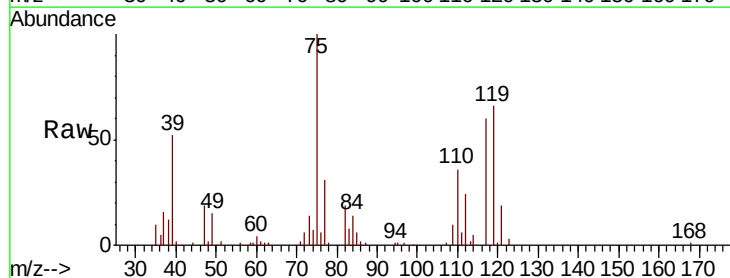
Tgt Ion: 75 Resp: 36374

Ion Ratio Lower Upper

75 100

110 35.2 17.6 52.9

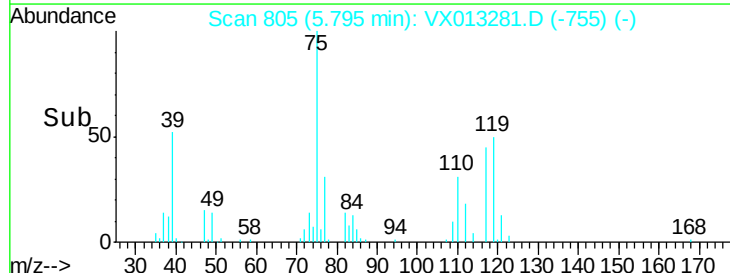
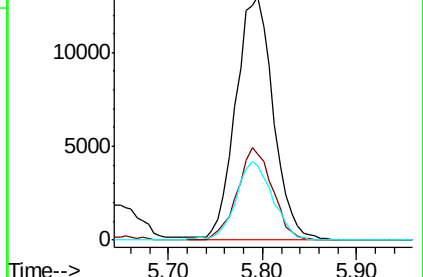
77 31.3 24.7 37.1

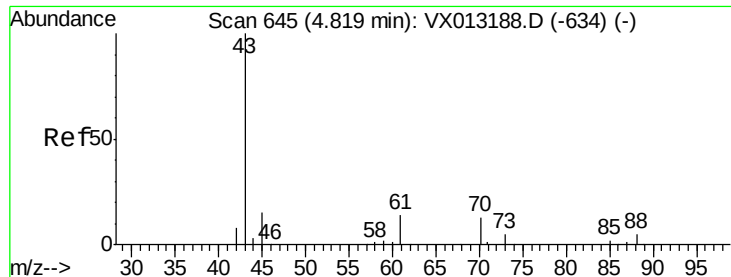


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

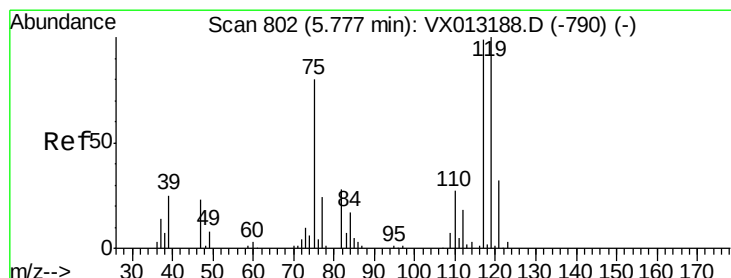
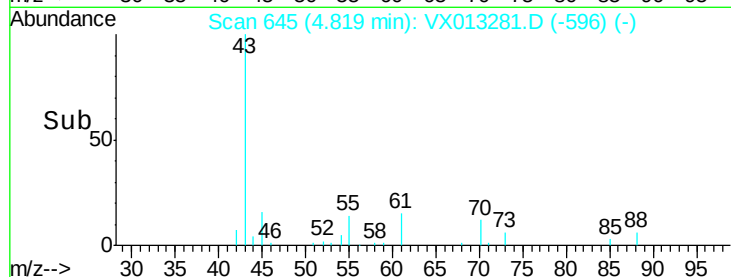
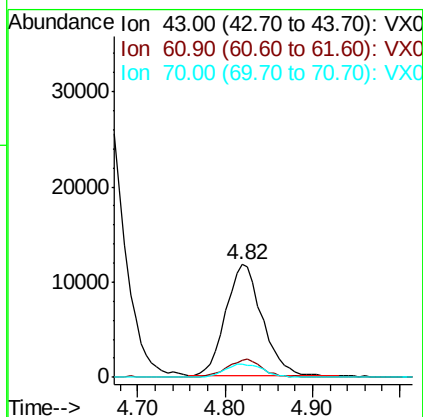
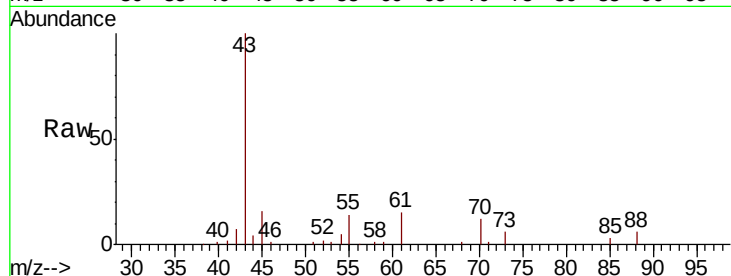




#37
Ethyl Acetate
Concen: 20.141 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

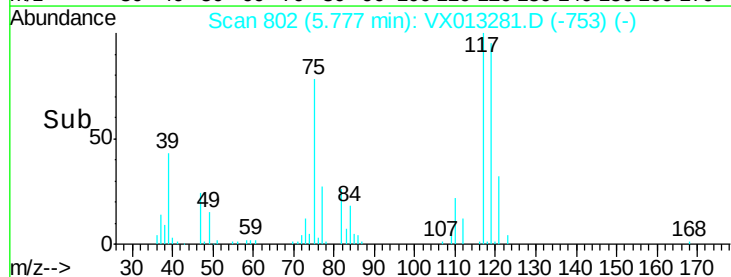
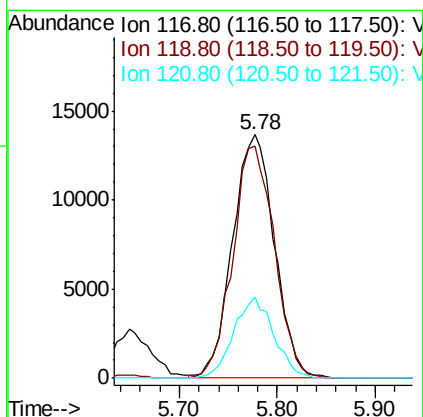
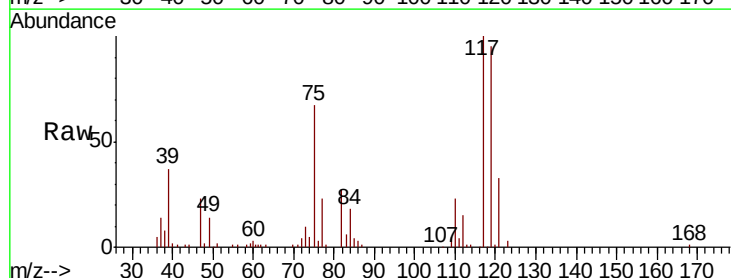
Instrument :
MSVOA_X
ClientSampleId :

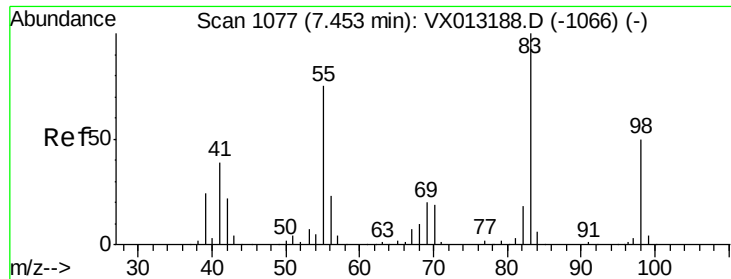
Tot Ion: 43 Resp: 34278
Ion Ratio Lower Upper
43 100
61 15.4 12.1 18.1
70 12.4 10.4 15.6



#38
Carbon Tetrachloride
Concen: 21.456 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion: 117 Resp: 40504
Ion Ratio Lower Upper
117 100
119 95.2 80.1 120.1
121 33.3 25.5 38.3

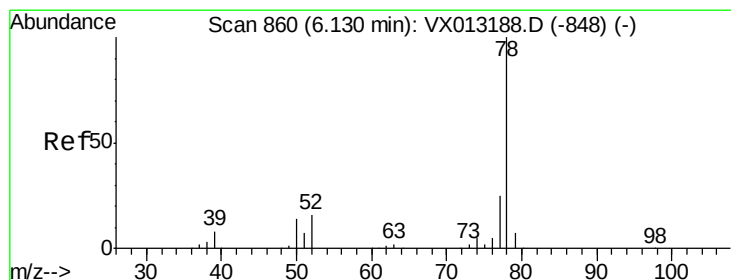
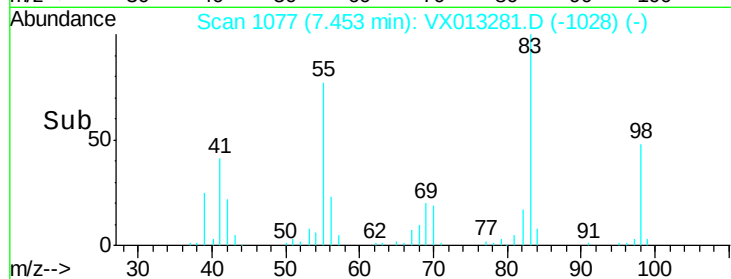
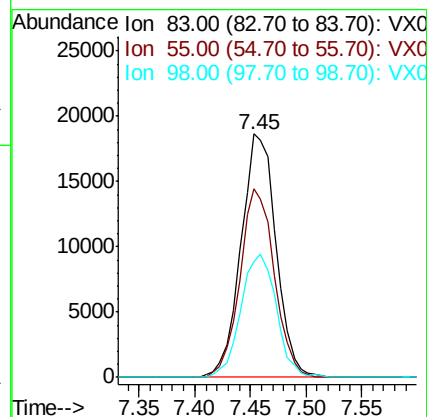
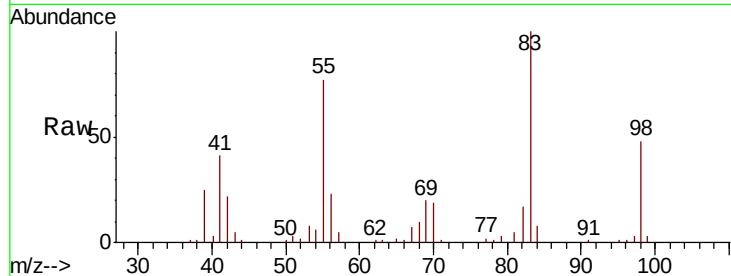




#39
Methylvlcyclohexane
Concen: 18.639 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

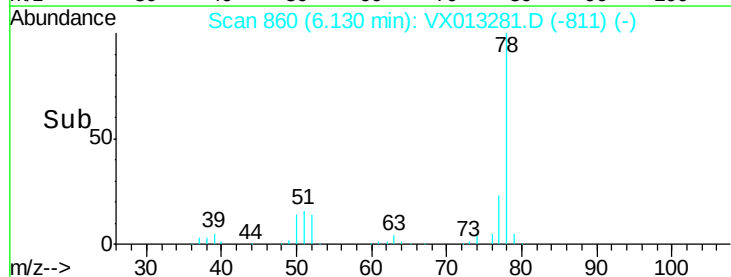
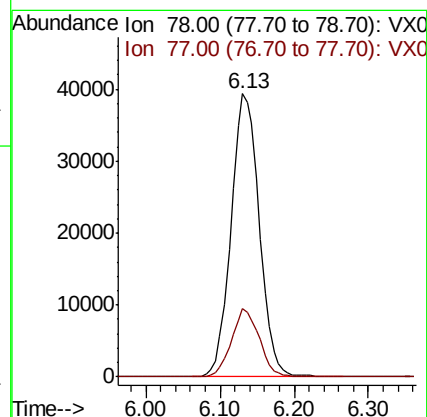
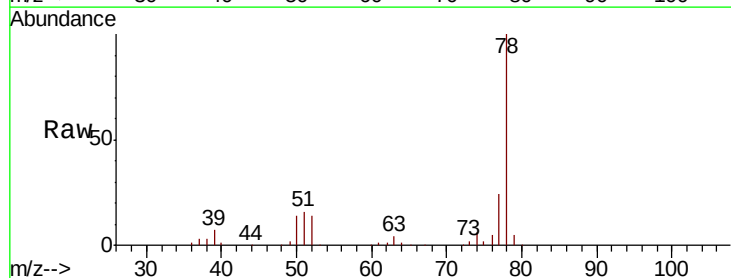
Instrument :
MSVOA_X
ClientSampled :

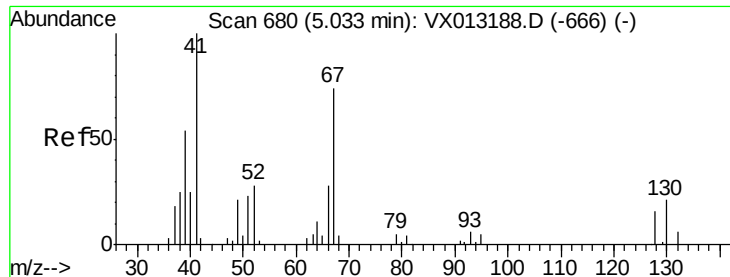
Tot Ion: 83 Resp: 40753
Ion Ratio Lower Upper
83 100
55 77.3 60.1 90.1
98 47.7 39.8 59.8



#40
Benzene
Concen: 20.310 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion: 78 Resp: 104186
Ion Ratio Lower Upper
78 100
77 24.0 19.6 29.4

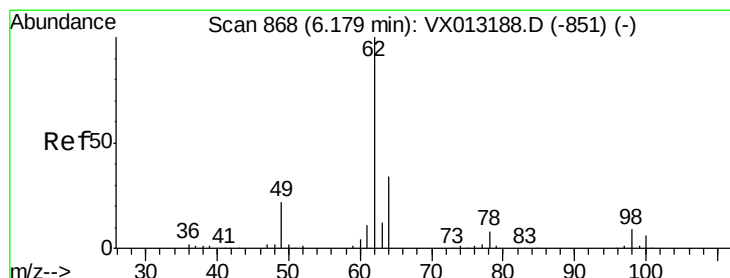
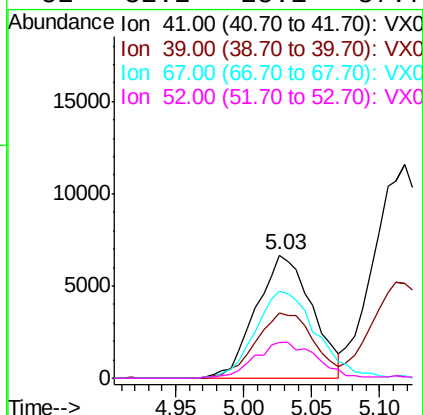
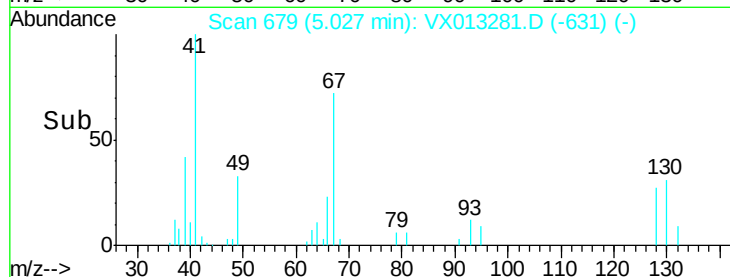
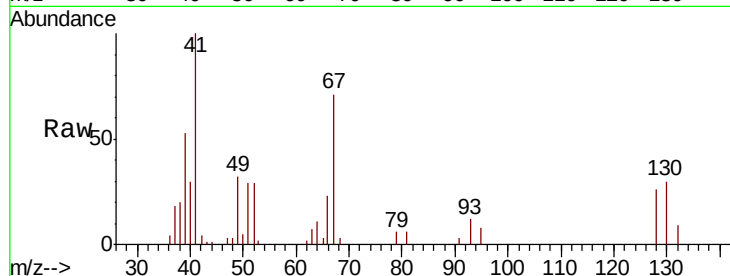




#41
Methacrylonitrile
Concen: 21.002 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

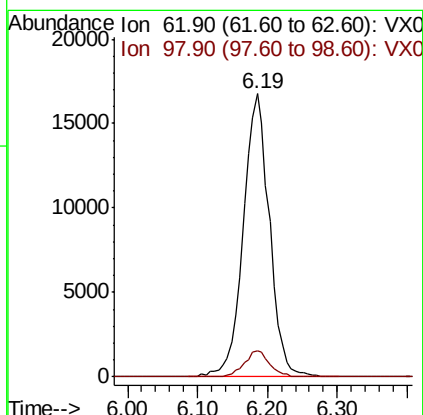
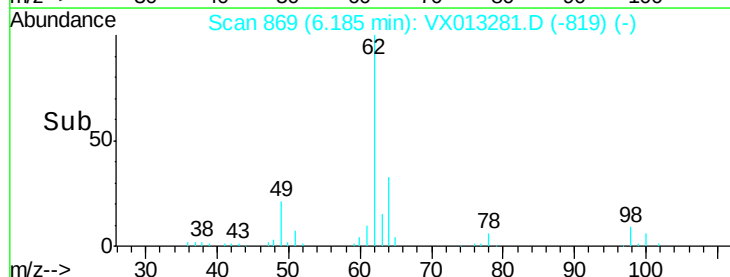
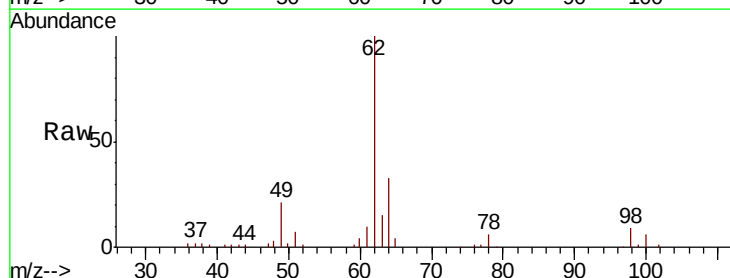
Instrument :
MSVOA_X
ClientSampleId :

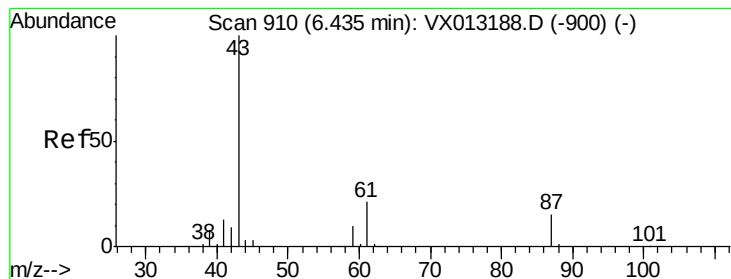
Tot Ion: 41 Resp: 19164
Ion Ratio Lower Upper
41 100
39 55.0 45.2 67.8
67 77.6 61.3 91.9
52 32.2 25.1 37.7



#42
1,2-Dichloroethane
Concen: 22.466 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion: 62 Resp: 43453
Ion Ratio Lower Upper
62 100
98 8.7 0.0 18.4





#43

Isopropyl Acetate

Concen: 20.698 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

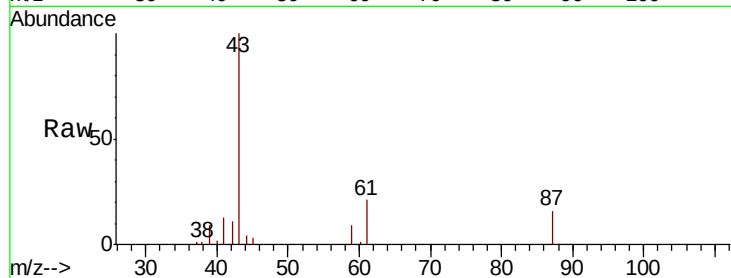
Tot Ion: 43 Resp: 58487

Ion Ratio Lower Upper

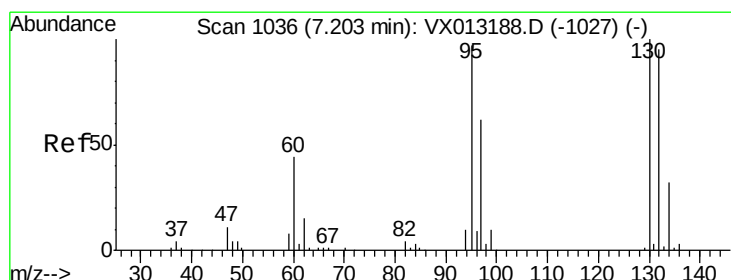
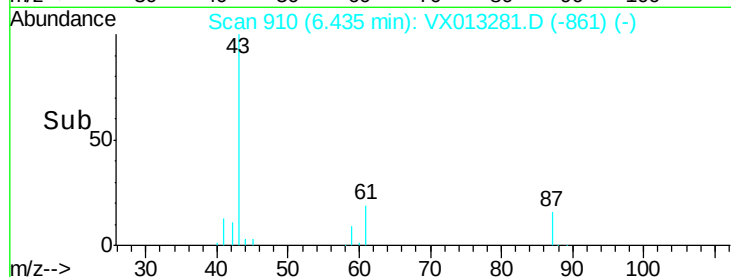
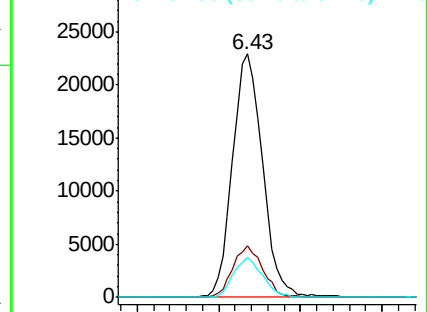
43 100

61 21.0 17.0 25.4

87 15.8 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.802 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013281.D

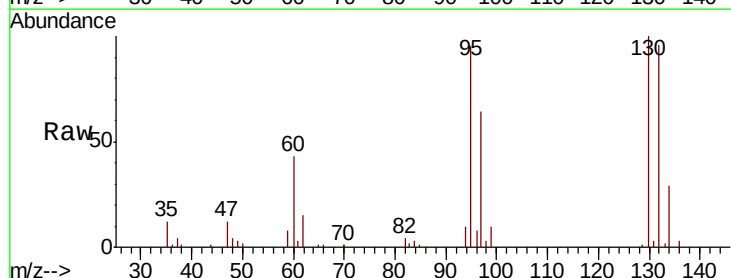
Acq: 30 Oct 2019 12:33

Tgt Ion:130 Resp: 30286

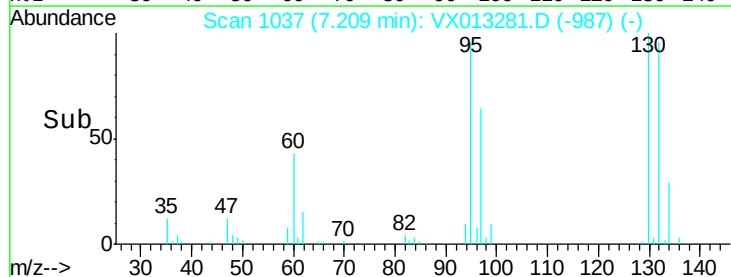
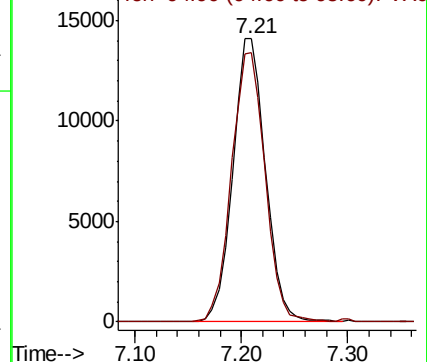
Ion Ratio Lower Upper

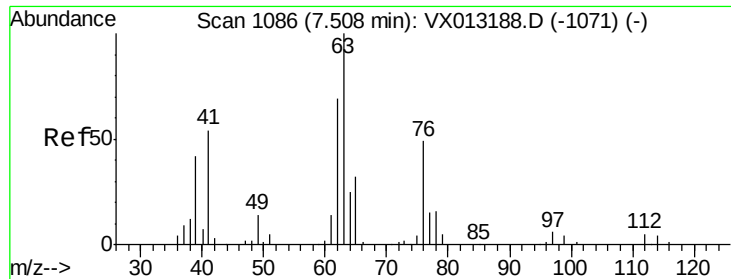
130 100

95 95.1 0.0 193.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

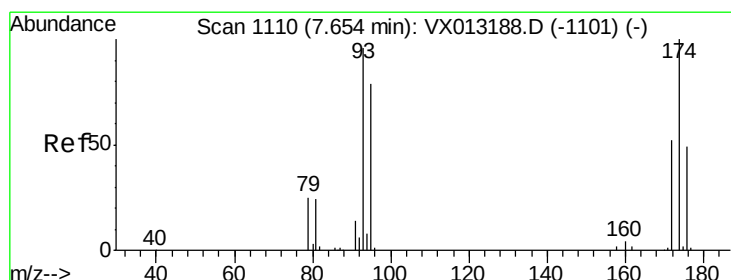
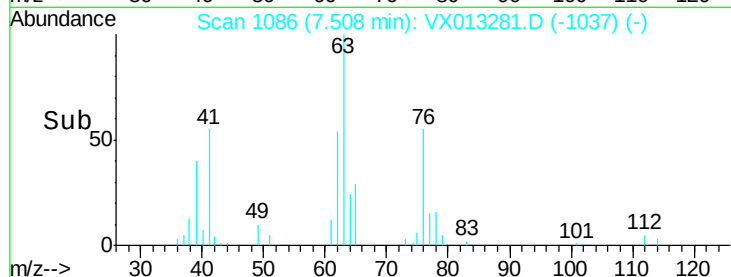
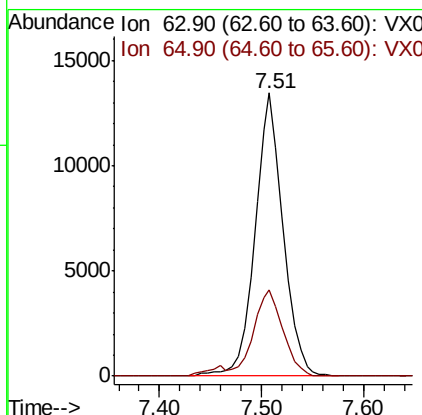
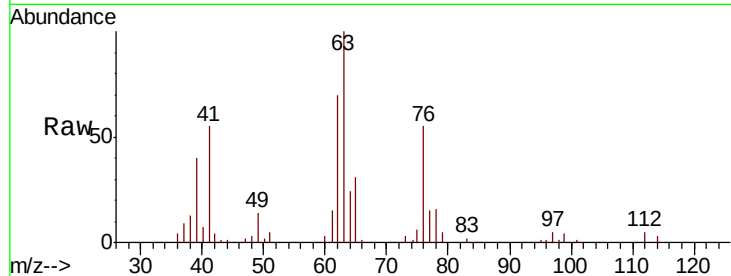




#45
 1,2-Dichloropropane
 Concen: 19.994 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

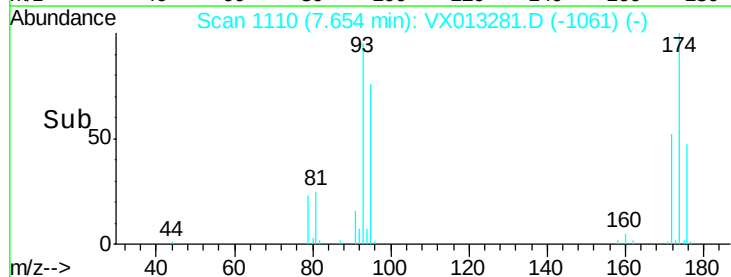
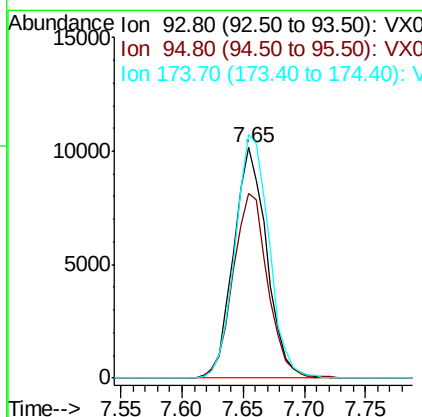
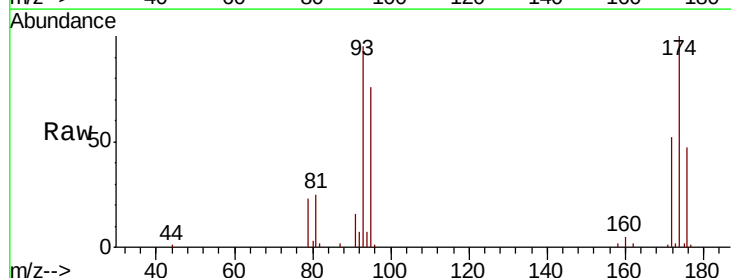
Instrument :
 MSVOA_X
 ClientSampled :

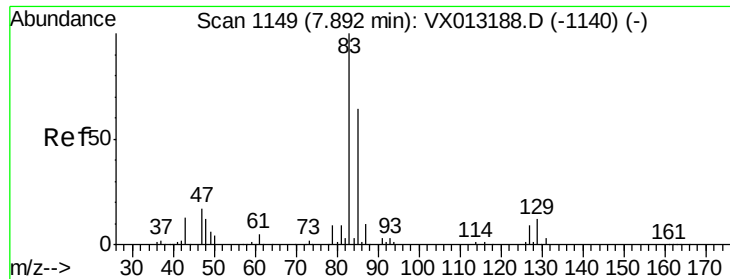
Tot Ion: 63 Resp: 25689
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.3 37.9



#46
 Dibromomethane
 Concen: 20.556 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

Tgt Ion: 93 Resp: 19029
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.2 99.4
 174 108.4 85.2 127.8





#47

Bromodichloromethane

Concen: 21.739 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

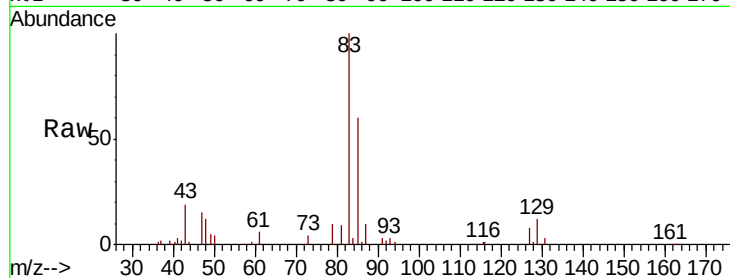
Tot Ion: 83 Resp: 39217

Ion Ratio Lower Upper

83 100

85 60.1 51.0 76.6

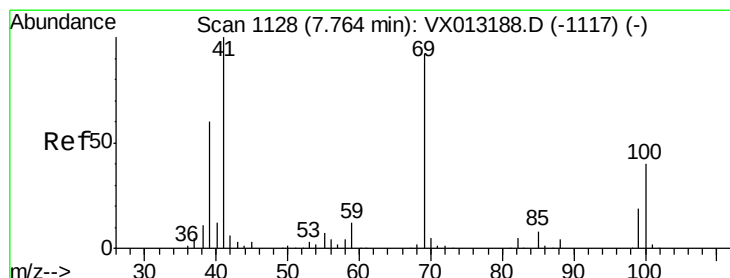
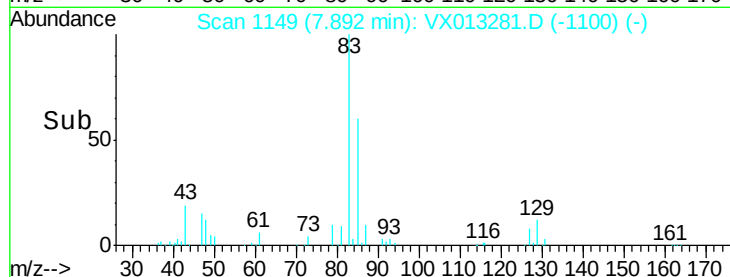
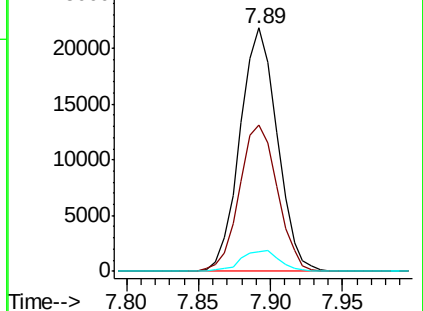
127 8.3 7.2 10.8



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: 20.776 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

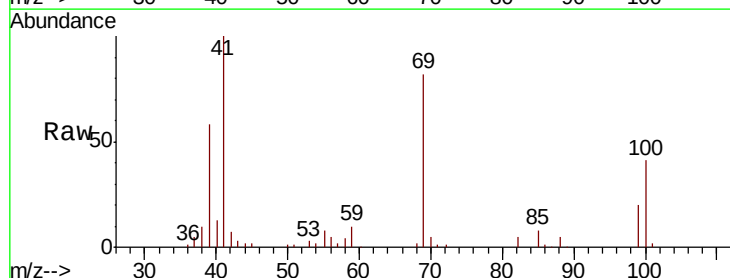
Tgt Ion: 41 Resp: 29016

Ion Ratio Lower Upper

41 100

69 87.6 72.0 108.0

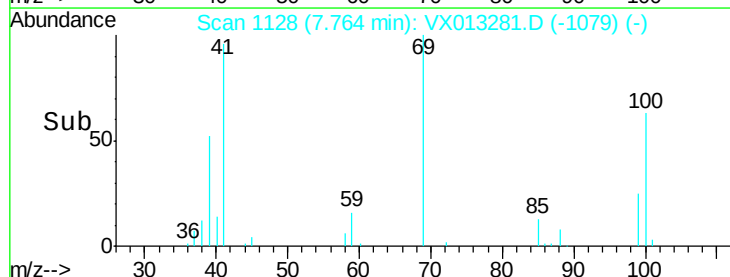
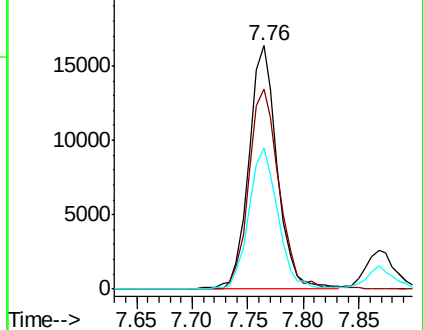
39 59.3 47.4 71.0

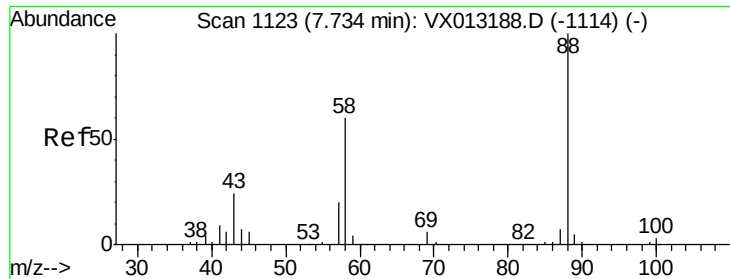


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

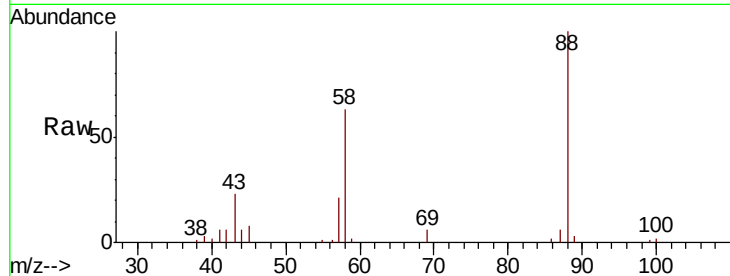




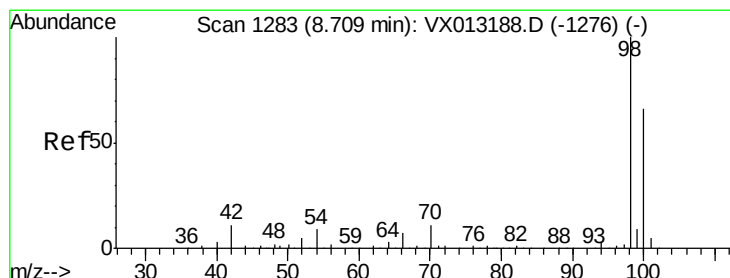
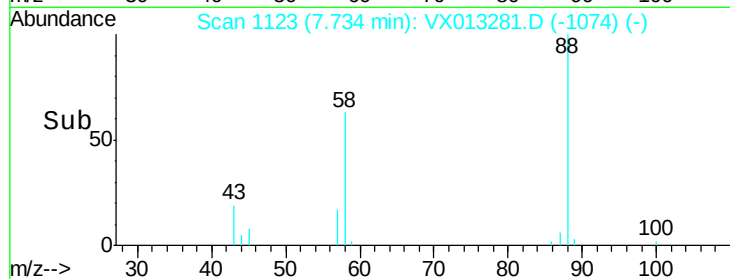
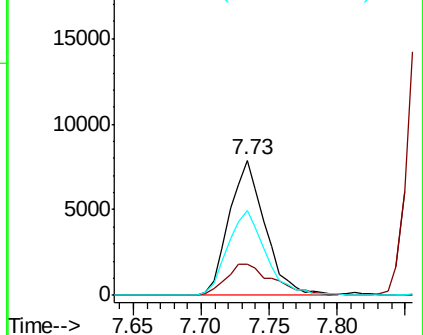
#49
1,4-Dioxane
Concen: 409.695 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 14563
Ion Ratio Lower Upper
88 100
43 30.2 24.5 36.7
58 66.3 54.1 81.1

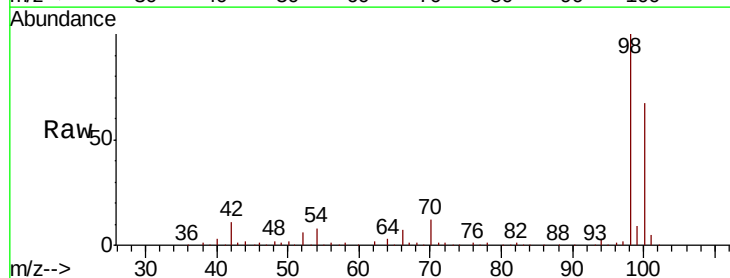


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

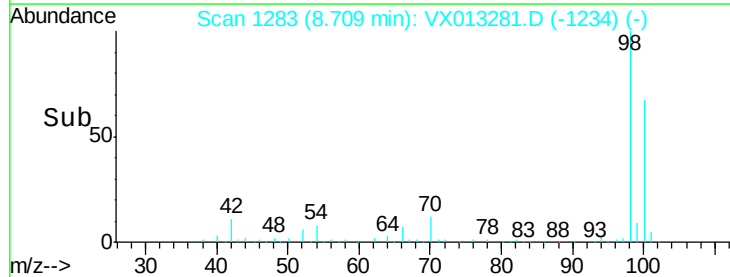
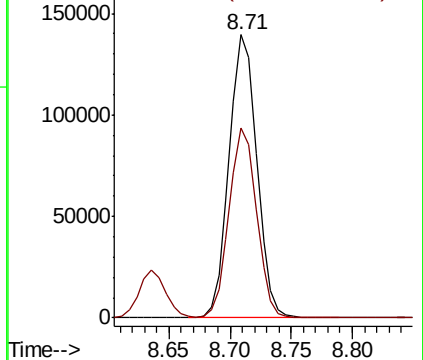


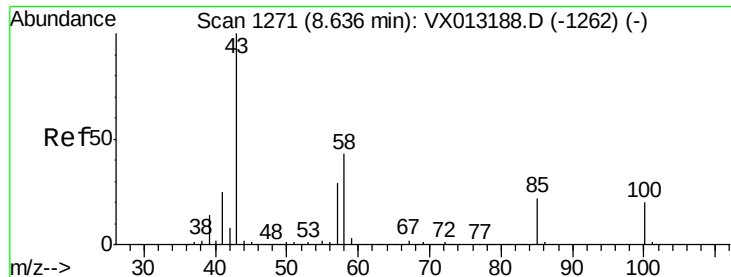
#50
Toluene-d8
Concen: 51.912 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion: 98 Resp: 219104
Ion Ratio Lower Upper
98 100
100 66.2 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 102.324 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

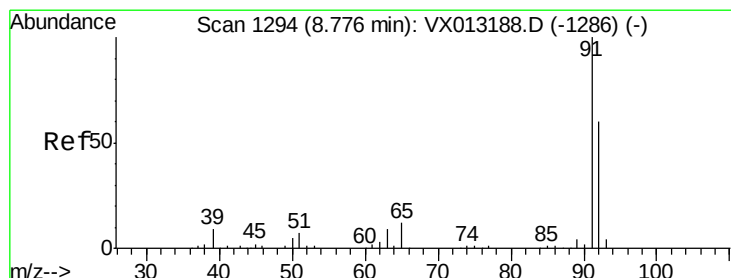
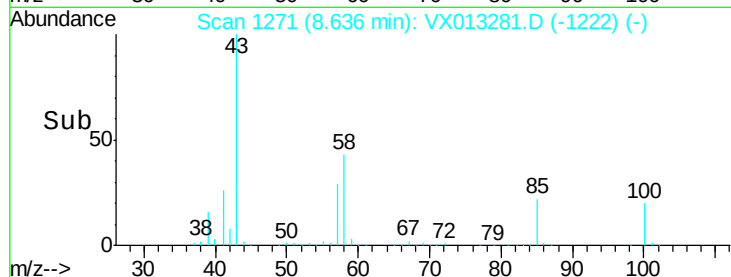
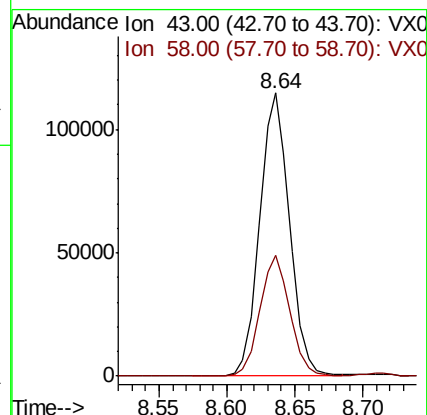
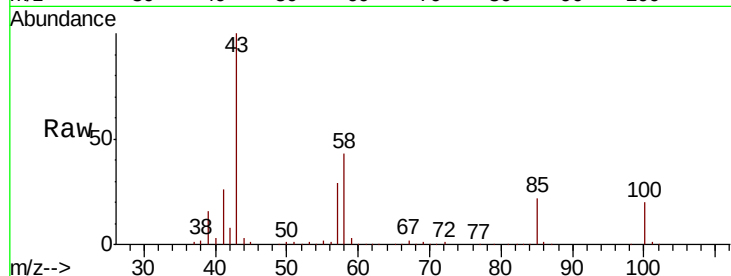
ClientSampled :

Tot Ion: 43 Resp: 176241

Ion Ratio Lower Upper

43 100

58 42.7 33.9 50.9



#52

Toluene

Concen: 20.264 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX013281.D

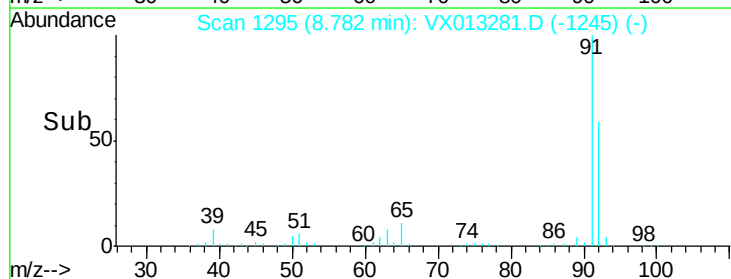
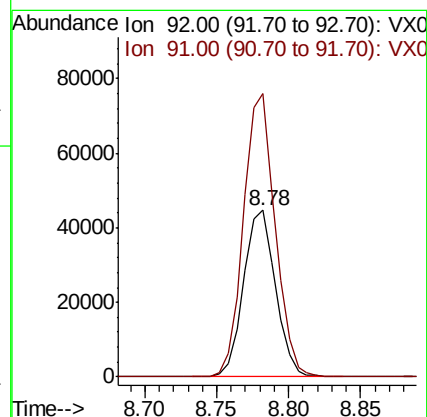
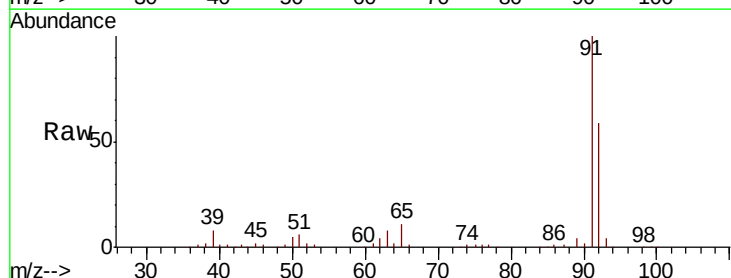
Acq: 30 Oct 2019 12:33

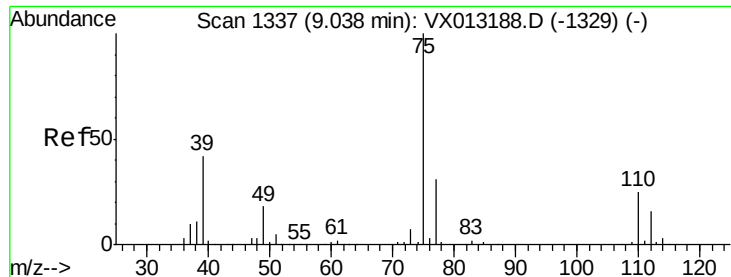
Tgt Ion: 92 Resp: 68892

Ion Ratio Lower Upper

92 100

91 168.3 133.9 200.9





#53

t-1,3-Dichloropropene

Concen: 21.890 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

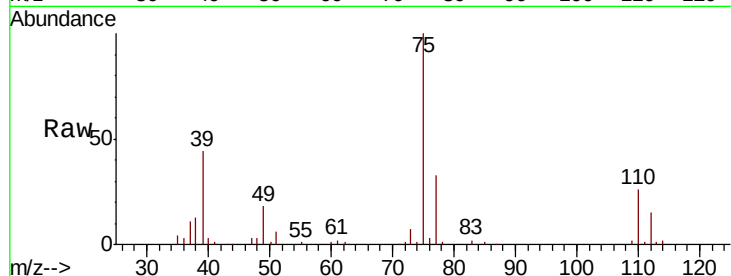
ClientSampleId :

Tot Ion: 75 Resp: 41964

Ion Ratio Lower Upper

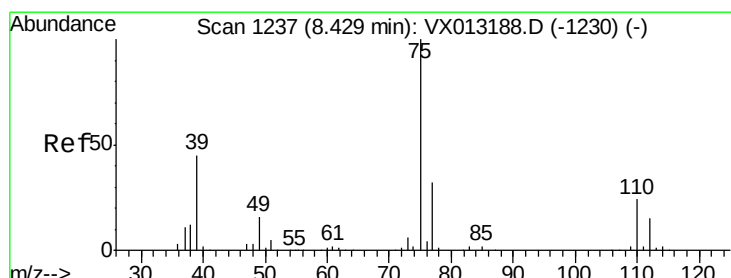
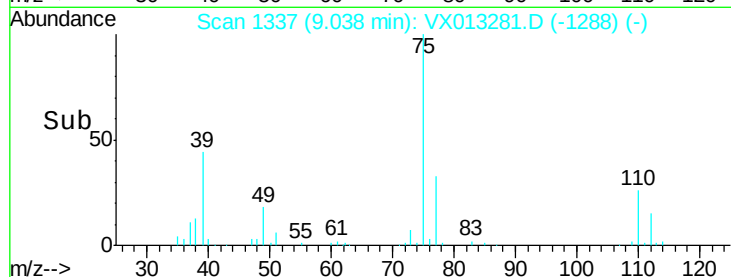
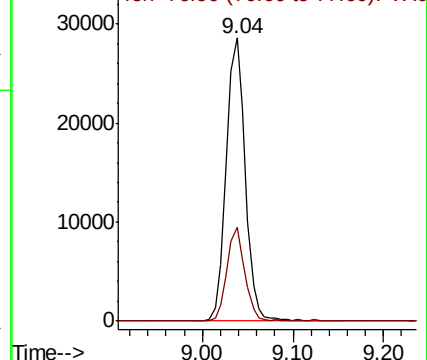
75 100

77 33.1 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 21.149 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

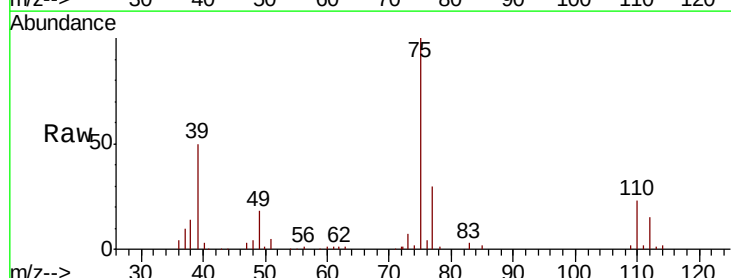
Tgt Ion: 75 Resp: 44353

Ion Ratio Lower Upper

75 100

77 29.6 25.4 38.0

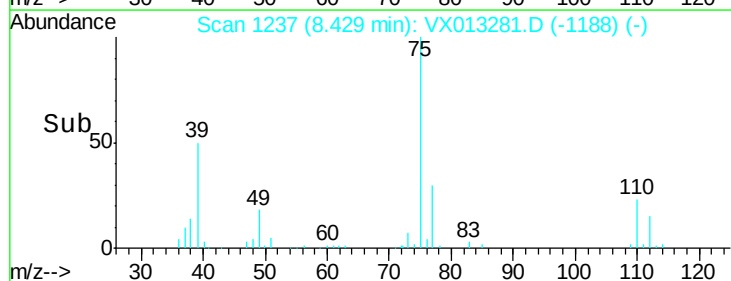
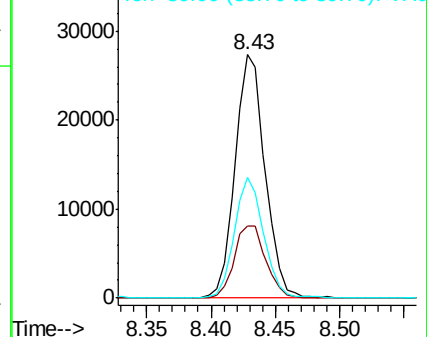
39 49.8 36.2 54.4

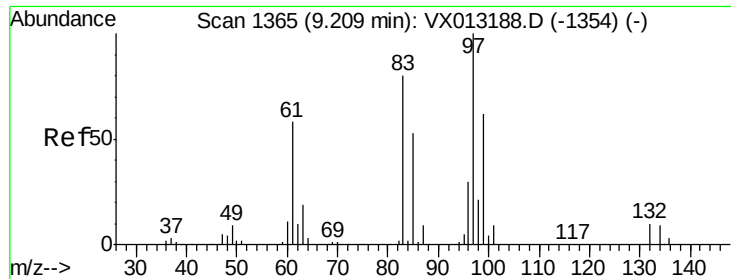


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

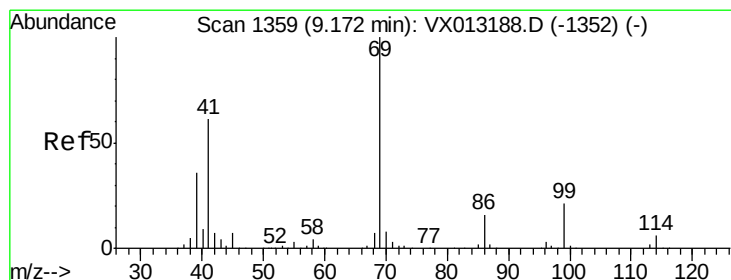
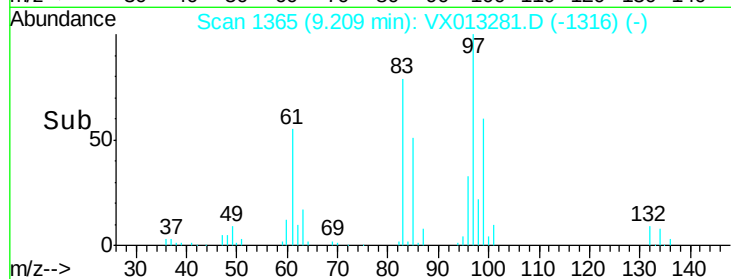
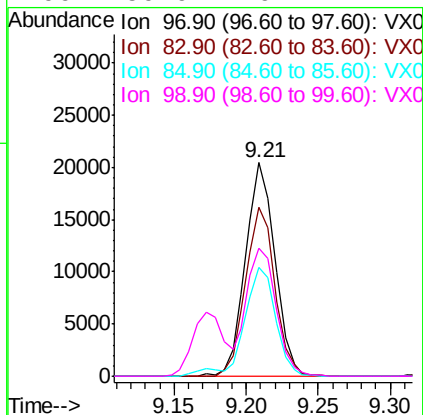
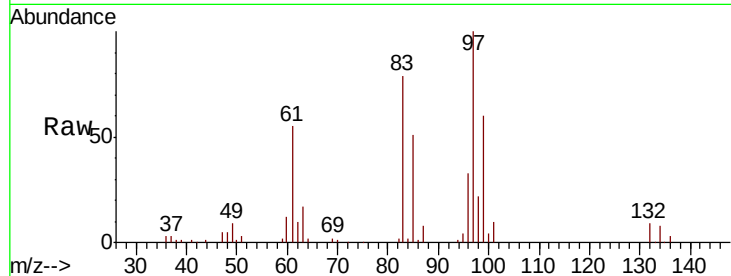




#55
 1,1,2-Trichloroethane
 Concen: 21.501 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

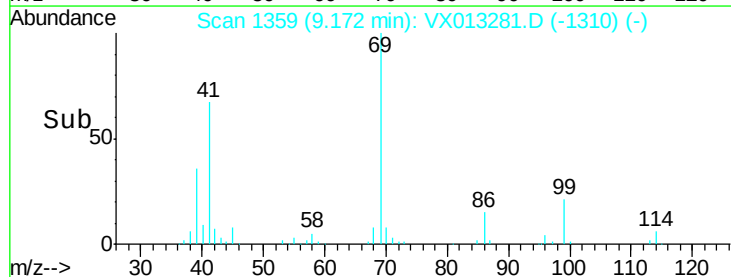
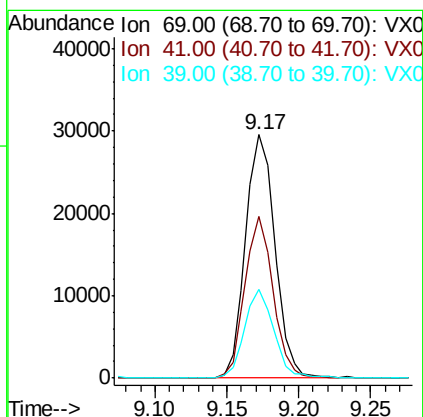
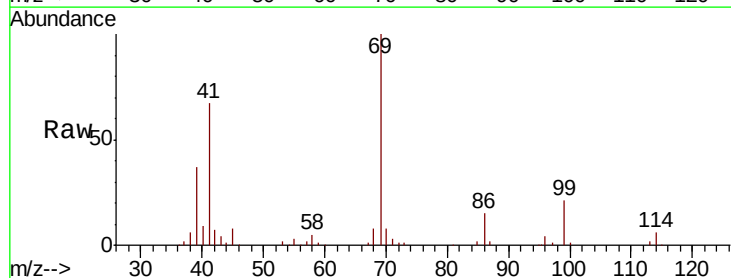
Instrument :
 MSVOA_X
 ClientSampleId :

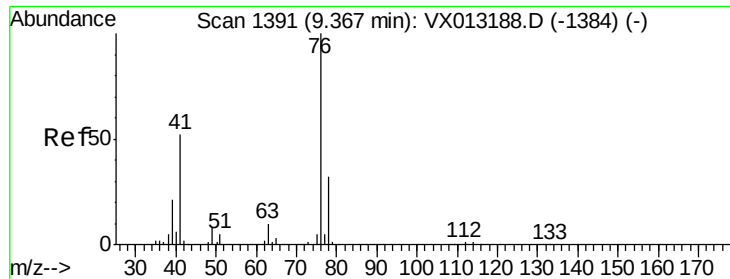
Tot Ion:	97	Resp:	28899
Ion	Ratio	Lower	Upper
97	100		
83	79.0	64.1	96.1
85	50.7	42.1	63.1
99	59.9	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 20.739 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

Tgt Ion:	69	Resp:	41954
Ion	Ratio	Lower	Upper
69	100		
41	63.9	49.5	74.3
39	36.5	28.3	42.5

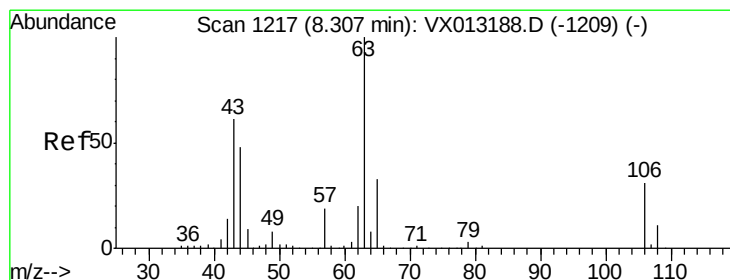
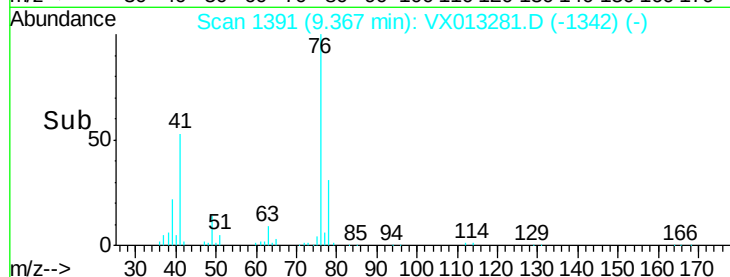
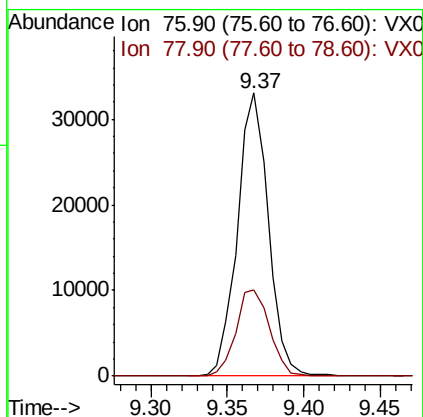
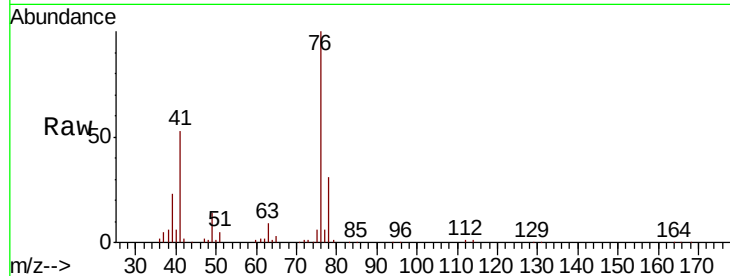




#57
 1,3-Dichloropropane
 Concen: 20.432 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

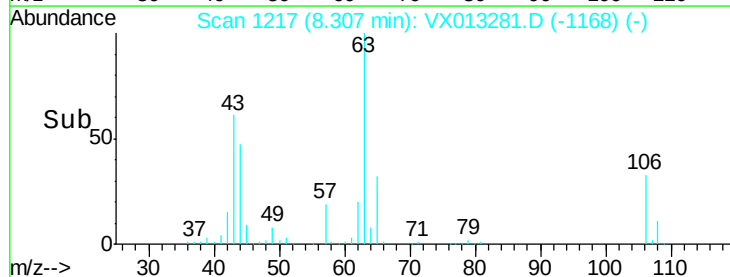
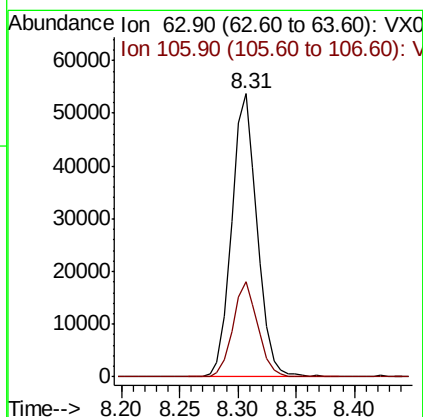
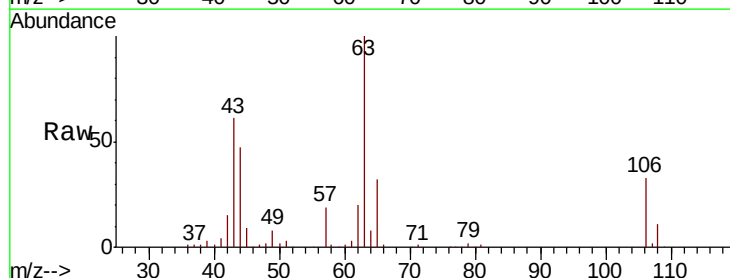
Instrument :
 MSVOA_X
 ClientSampleId :

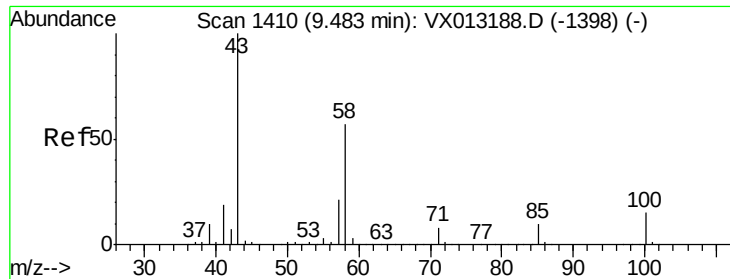
Tot Ion: 76 Resp: 46339
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.461 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

Tgt Ion: 63 Resp: 81668
 Ion Ratio Lower Upper
 63 100
 106 32.9 25.4 38.0

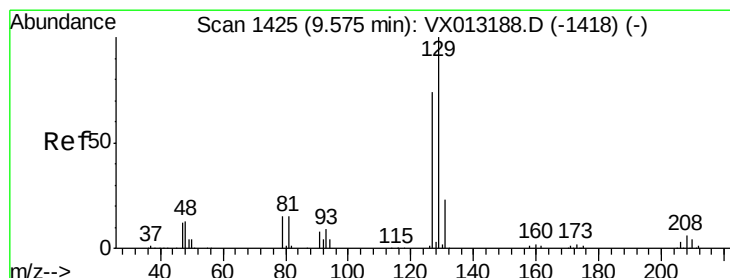
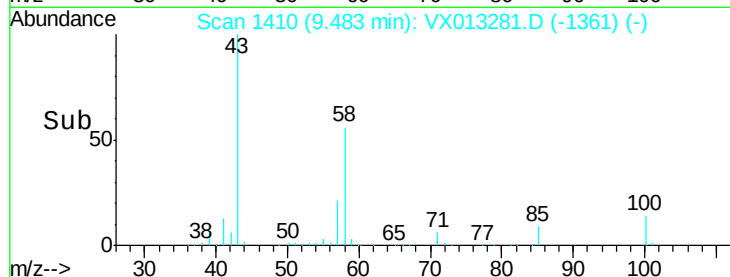
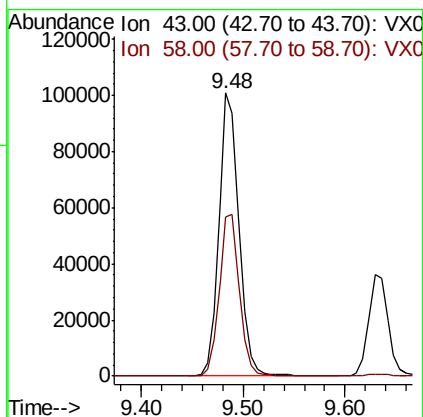
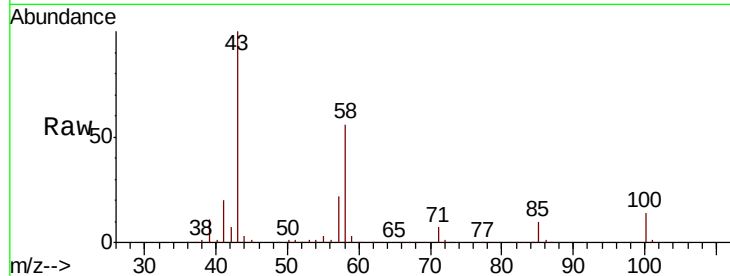




#59
2-Hexanone
Concen: 104.821 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

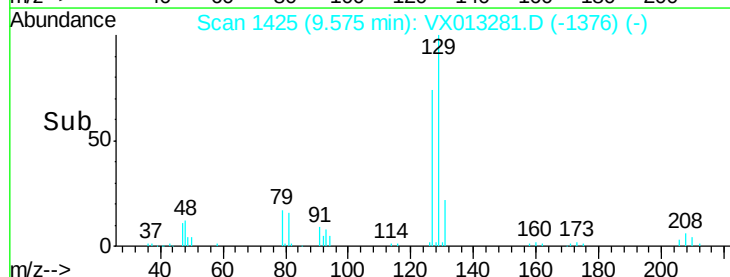
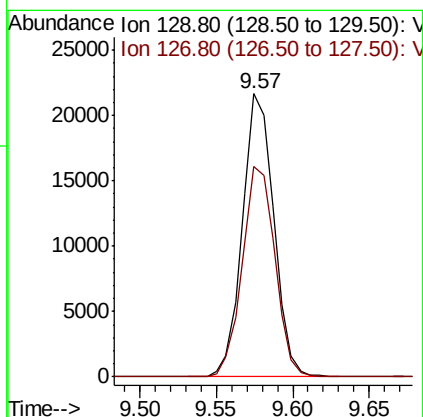
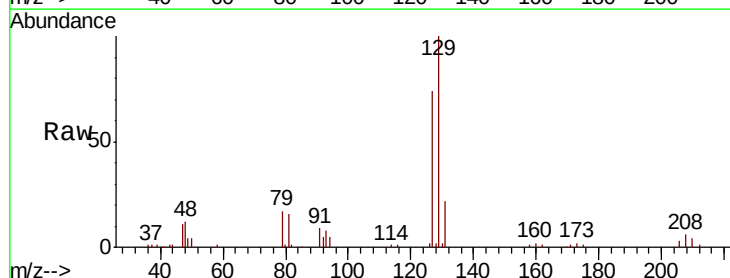
Instrument :
MSVOA_X
ClientSampled :

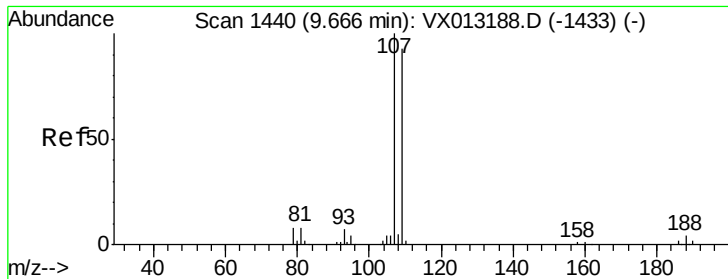
Tot Ion: 43 Resp: 139070
Ion Ratio Lower Upper
43 100
58 57.8 28.2 84.7



#60
Dibromochloromethane
Concen: 21.886 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion:129 Resp: 30824
Ion Ratio Lower Upper
129 100
127 77.4 38.2 114.6





#61

1,2-Dibromoethane

Concen: 20.834 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

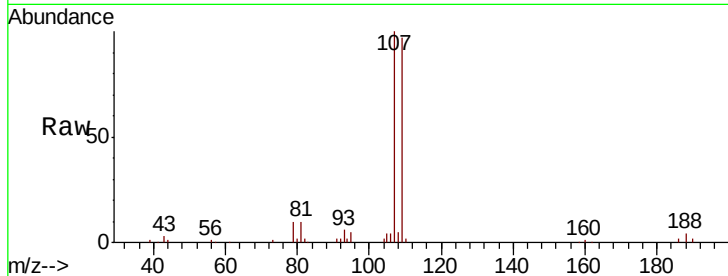
ClientSampleId :

Tot Ion:107 Resp: 29728

Ion Ratio Lower Upper

107 100

109 96.2 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

25000

20000

15000

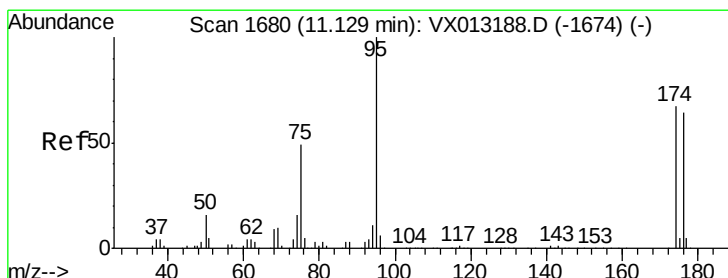
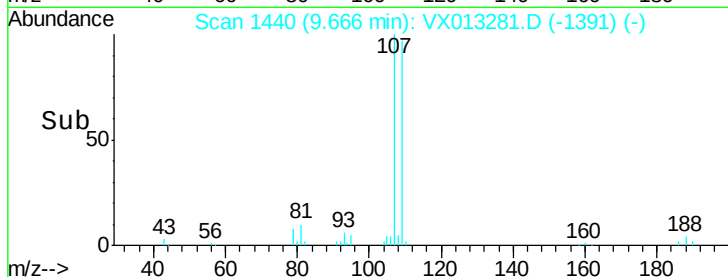
10000

5000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 49.711 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

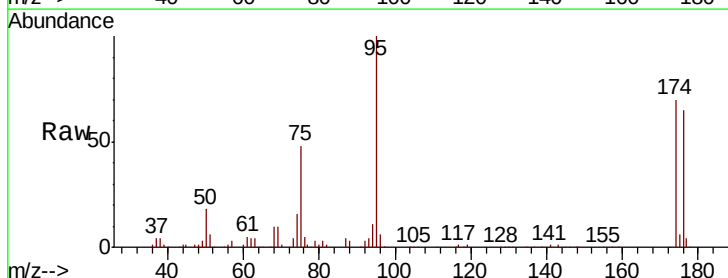
Tgt Ion: 95 Resp: 83045

Ion Ratio Lower Upper

95 100

174 79.3 0.0 152.4

176 73.0 0.0 146.0



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

11.13

80000

60000

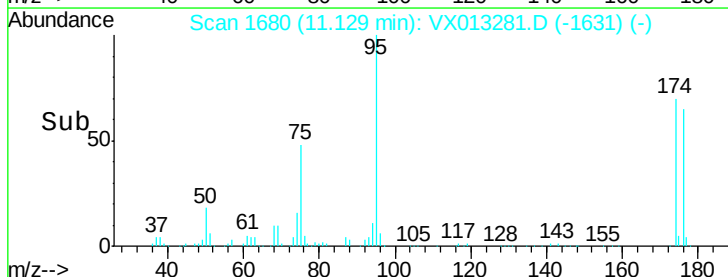
40000

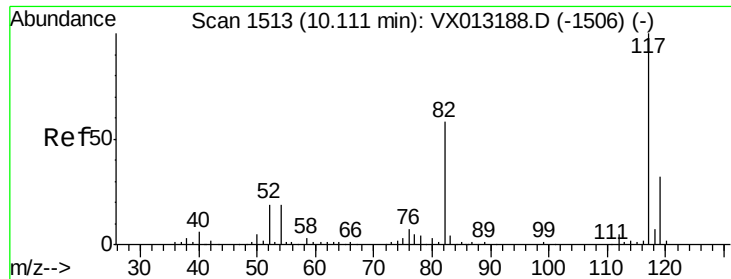
20000

0

11.10 11.20

Time-->

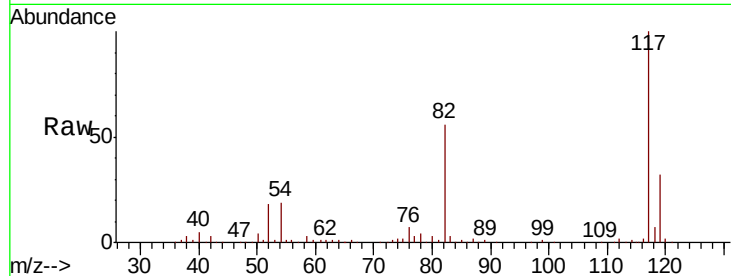




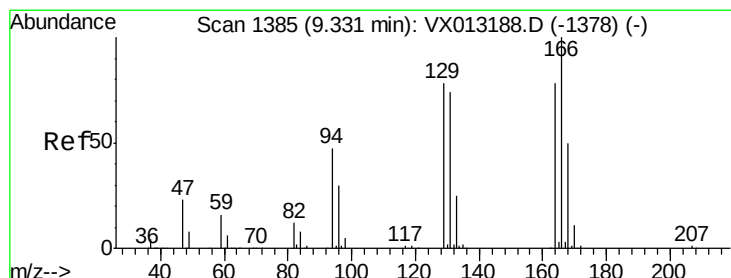
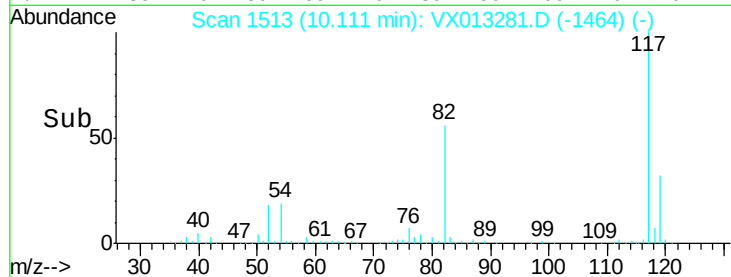
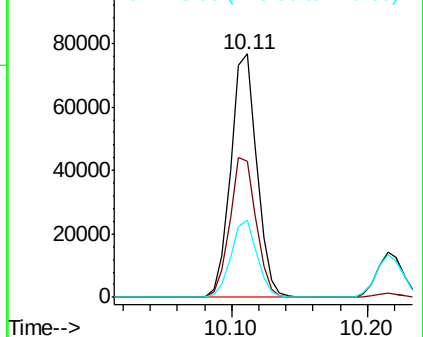
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 102521
Ion Ratio Lower Upper
117 100
82 55.9 46.5 69.7
119 31.6 25.2 37.8



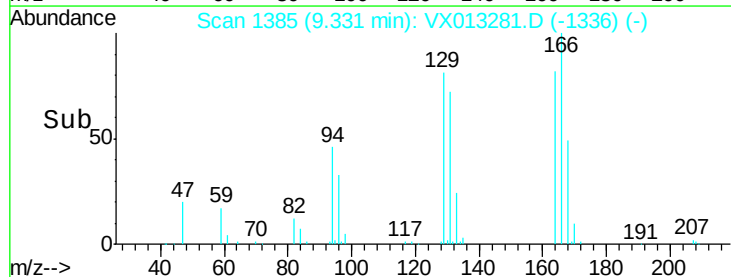
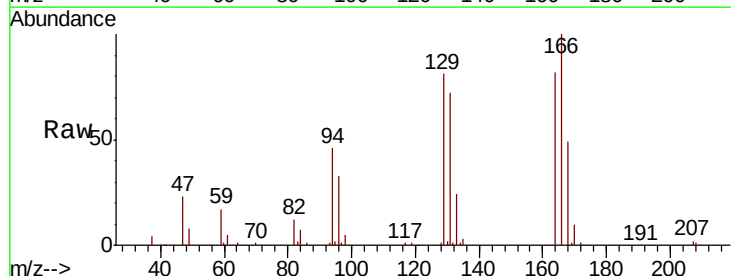
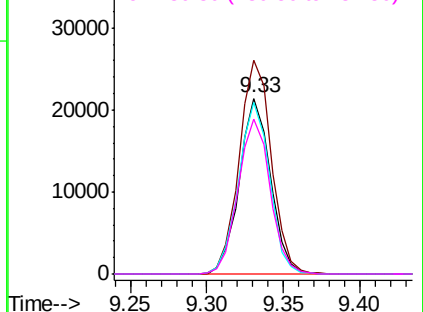
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

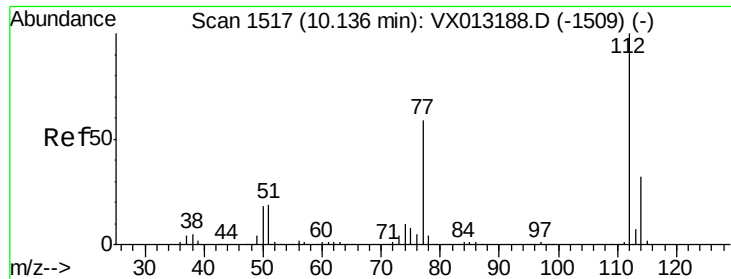


#64
Tetrachloroethene
Concen: 22.939 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion:164 Resp: 30337
Ion Ratio Lower Upper
164 100
166 121.6 102.2 153.4
129 98.0 79.8 119.8
131 88.0 75.3 112.9

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

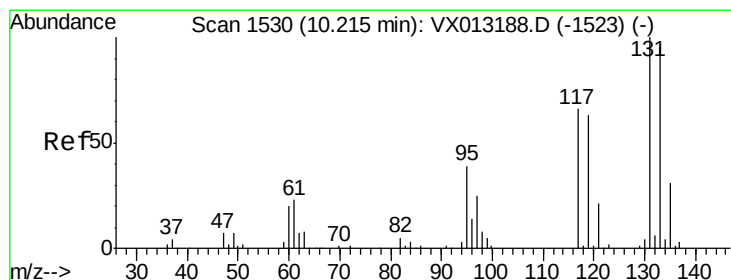
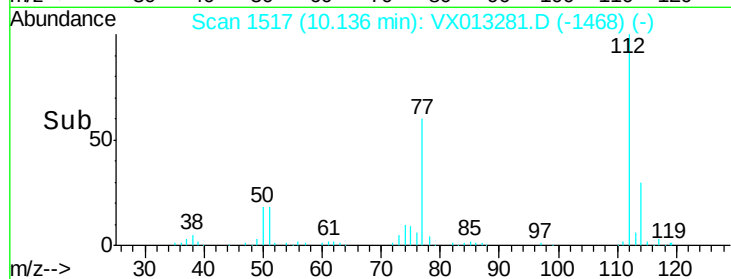
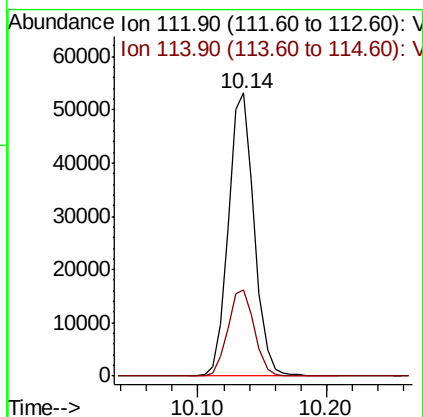
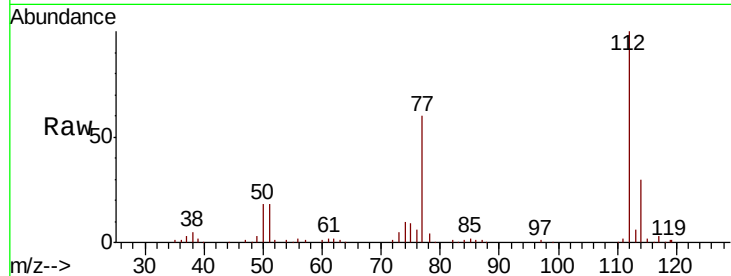




#65
Chlorobenzene
Concen: 20.709 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

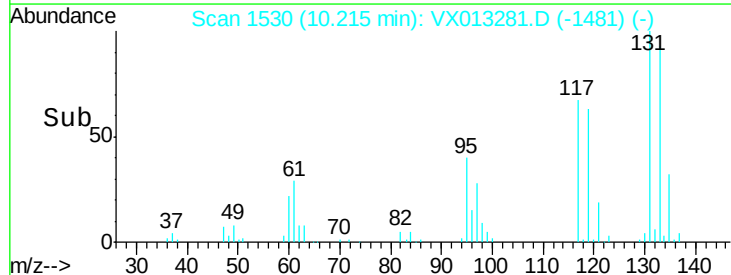
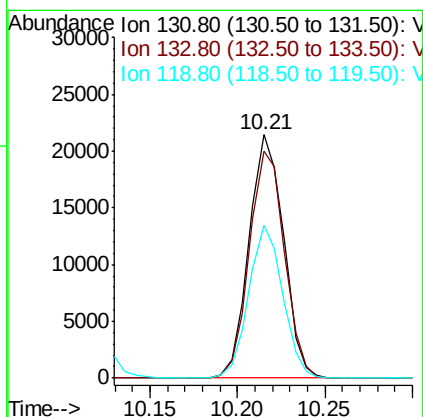
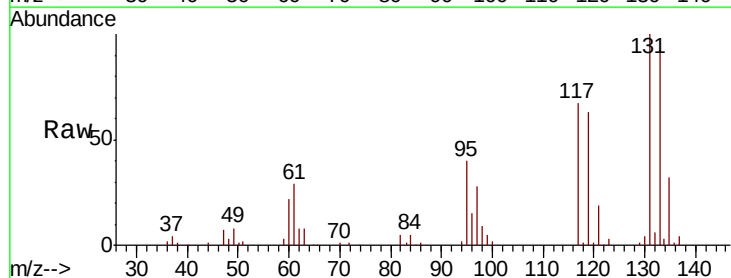
Instrument :
MSVOA_X
ClientSampled :

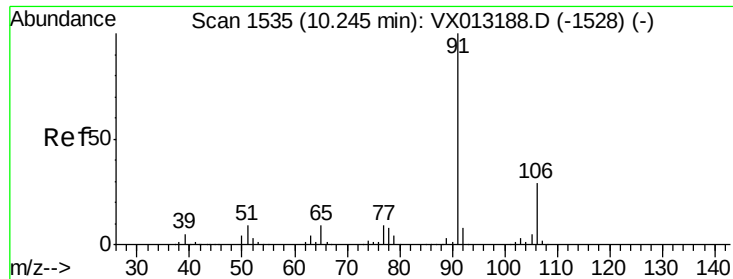
Tot Ion:112 Resp: 74321
Ion Ratio Lower Upper
112 100
114 30.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 22.221 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion:131 Resp: 29460
Ion Ratio Lower Upper
131 100
133 94.8 48.4 145.2
119 61.8 32.4 97.0

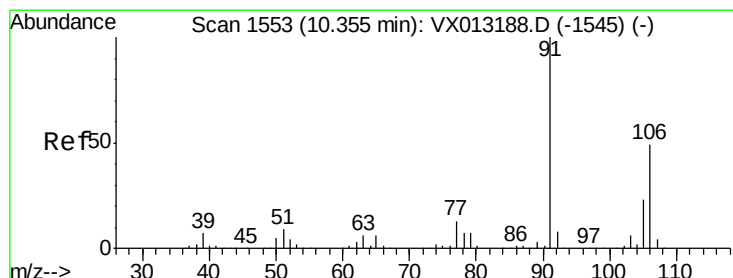
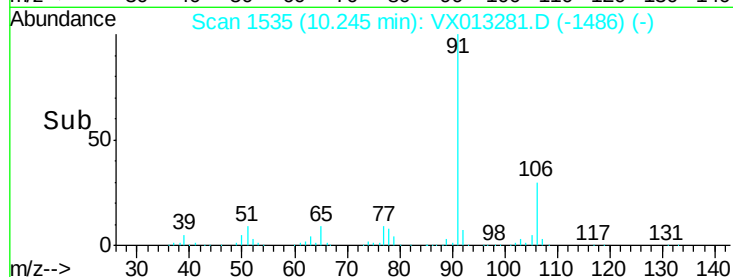
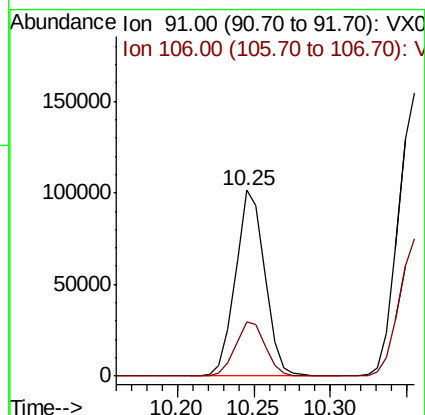
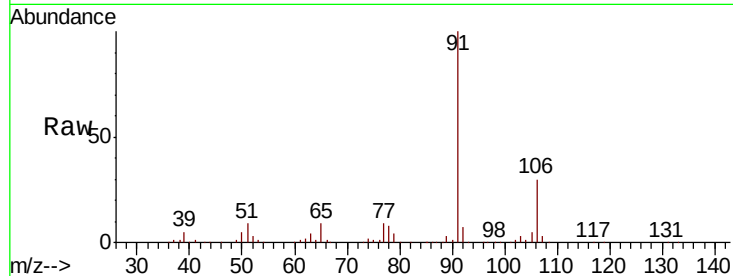




#67
Ethyl Benzene
Concen: 20.940 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

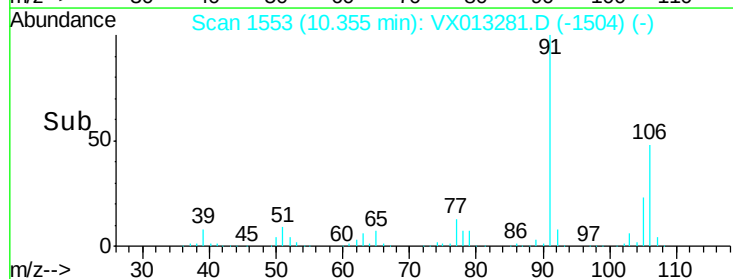
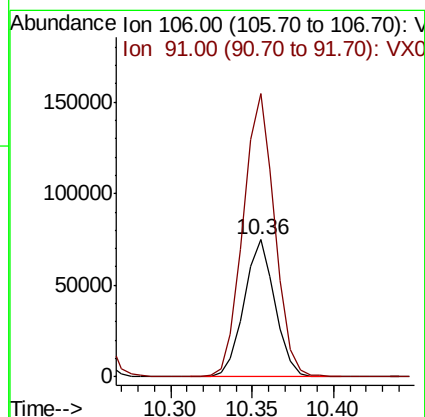
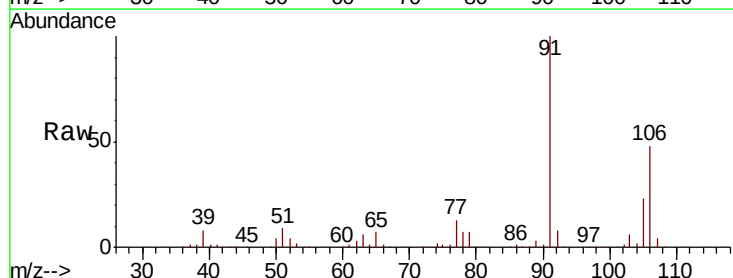
Instrument :
MSVOA_X
ClientSampleId :

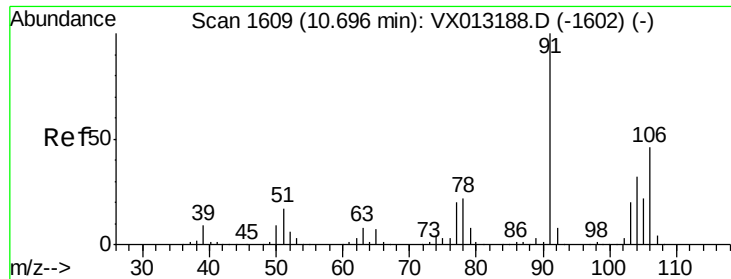
Tot Ion: 91 Resp: 134536
Ion Ratio Lower Upper
91 100
106 29.5 23.5 35.3



#68
m/p-Xylenes
Concen: 40.863 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion: 106 Resp: 99216
Ion Ratio Lower Upper
106 100
91 210.2 166.8 250.2

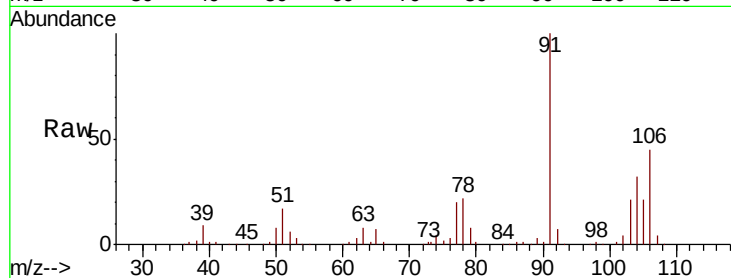




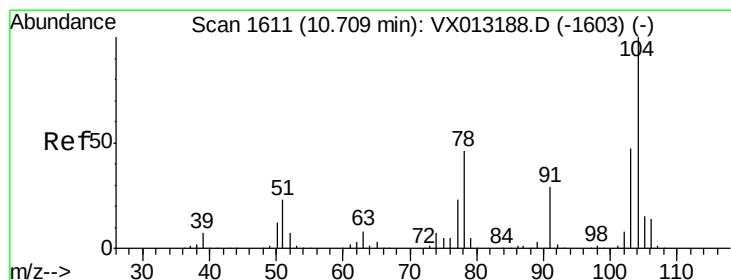
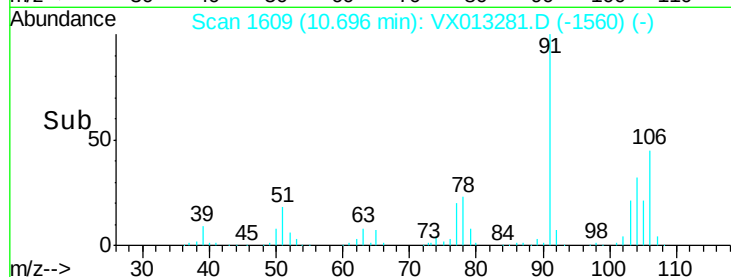
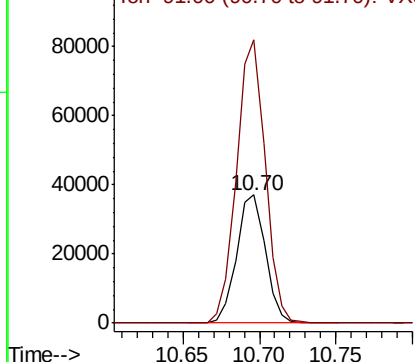
#69
o-Xylene
Concen: 20.876 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 48623
Ion Ratio Lower Upper
106 100
91 219.1 110.7 331.9

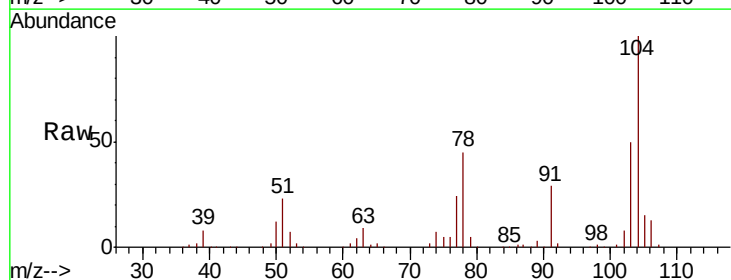


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

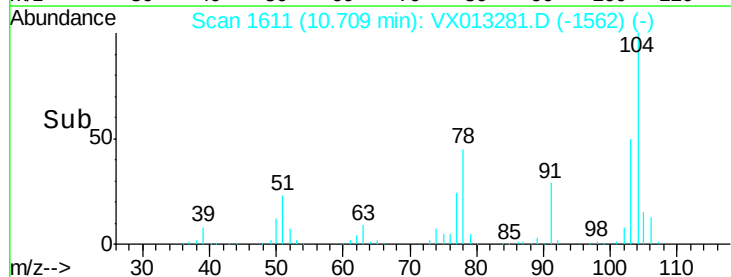
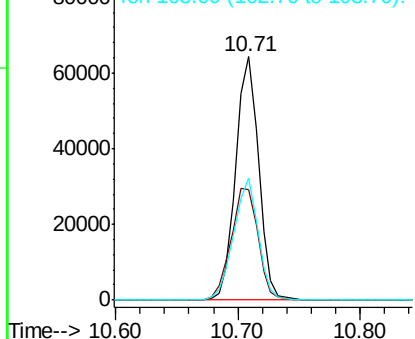


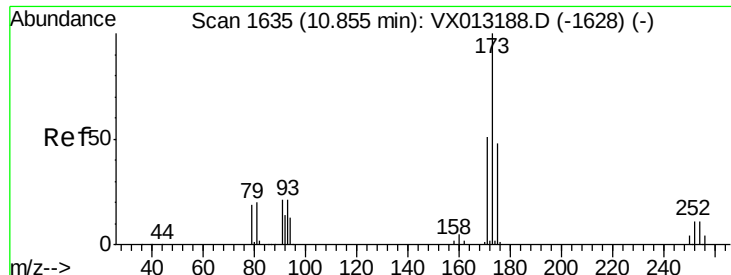
#70
Styrene
Concen: 20.728 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013281.D
Acq: 30 Oct 2019 12:33

Tgt Ion:104 Resp: 83132
Ion Ratio Lower Upper
104 100
78 53.9 42.2 63.4
103 54.0 42.8 64.2



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: 22.281 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

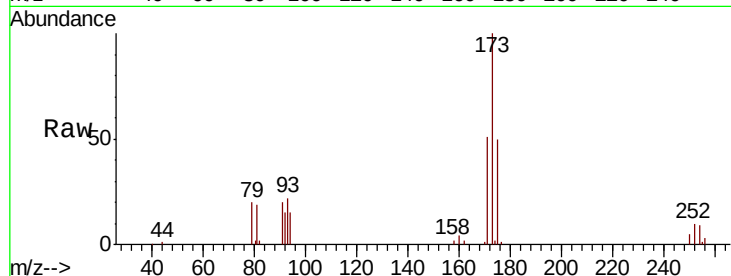
Tot Ion:173 Resp: 21584

Ion Ratio Lower Upper

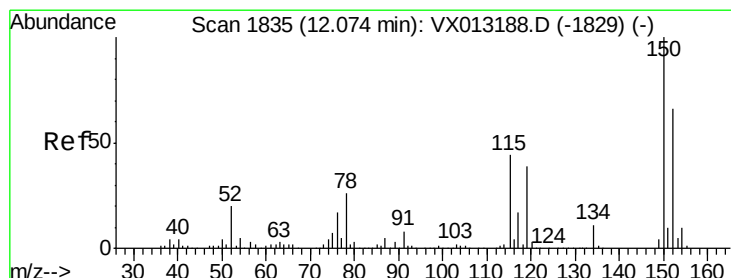
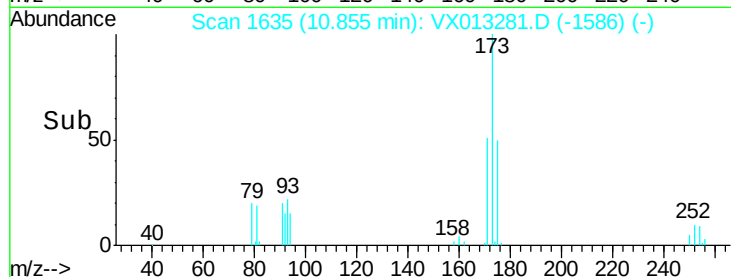
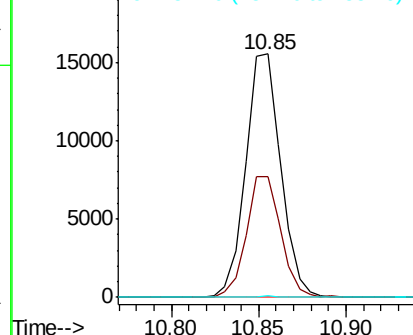
173 100

175 48.8 24.3 72.8

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: VX013281.D

Acq: 30 Oct 2019 12:33

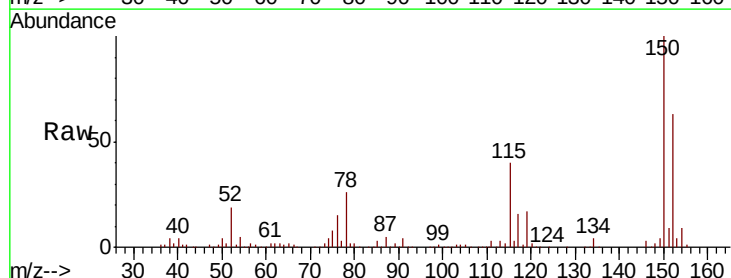
Tgt Ion:152 Resp: 67872

Ion Ratio Lower Upper

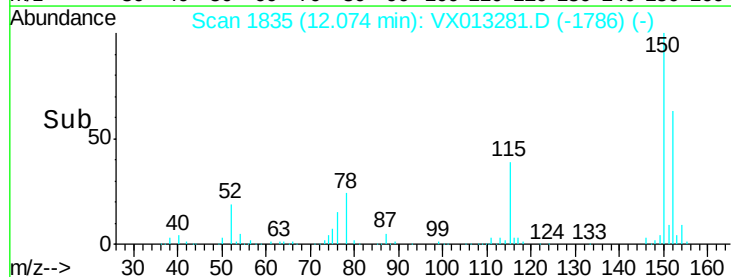
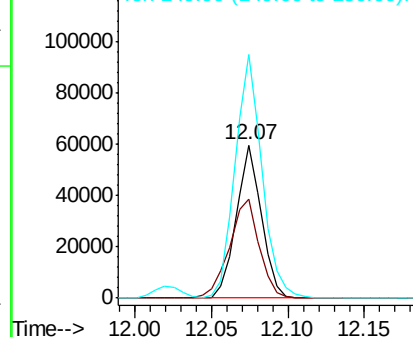
152 100

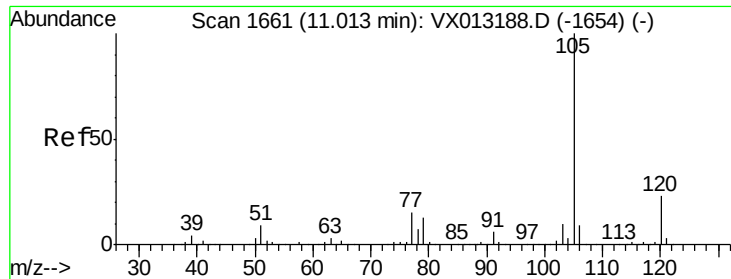
115 76.7 46.6 139.8

150 170.6 0.0 354.0



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: 21.212 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

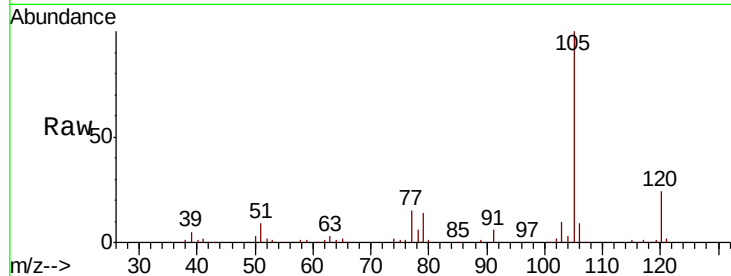
ClientSampleId :

Tot Ion:105 Resp: 130738

Ion Ratio Lower Upper

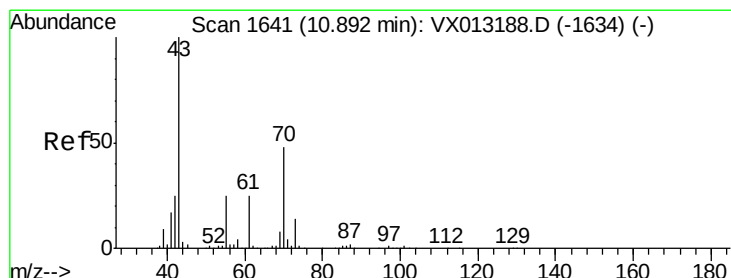
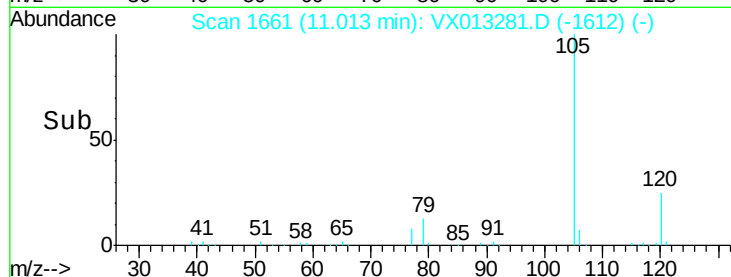
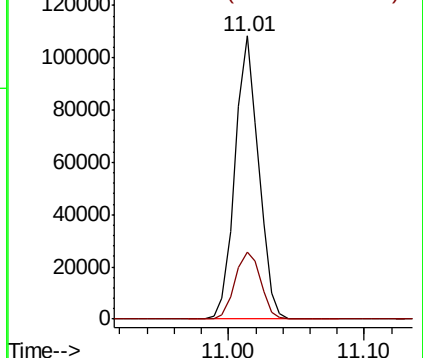
105 100

120 25.8 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.647 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Tgt Ion: 43 Resp: 46706

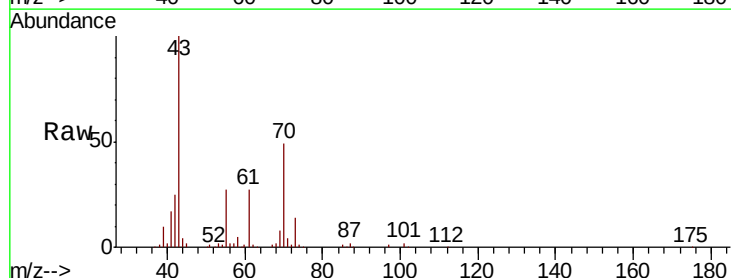
Ion Ratio Lower Upper

43 100

70 47.4 38.5 57.7

55 26.5 20.7 31.1

61 26.3 20.8 31.2

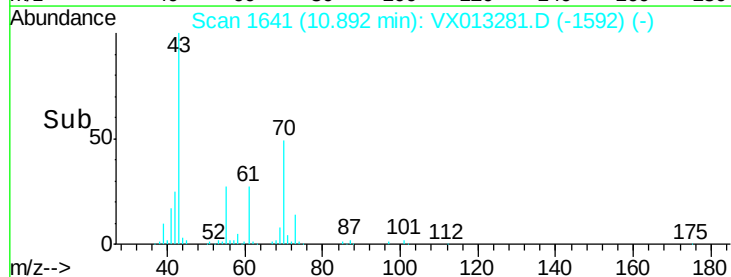
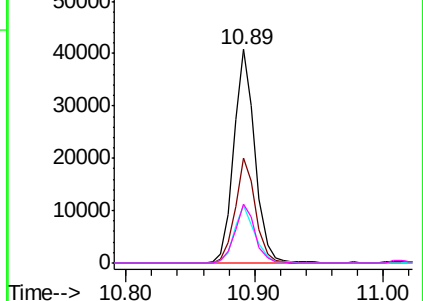


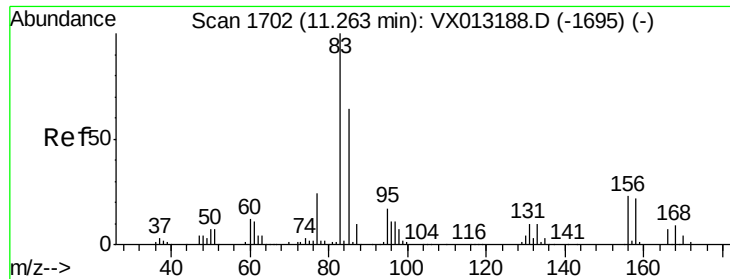
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.917 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

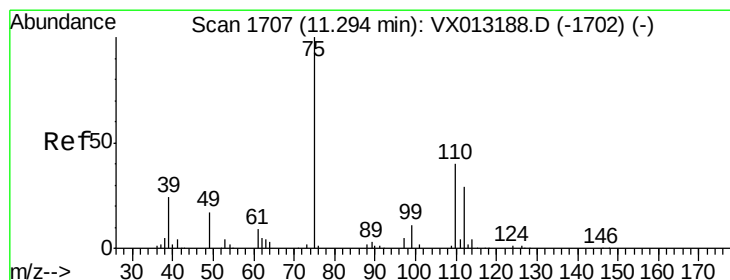
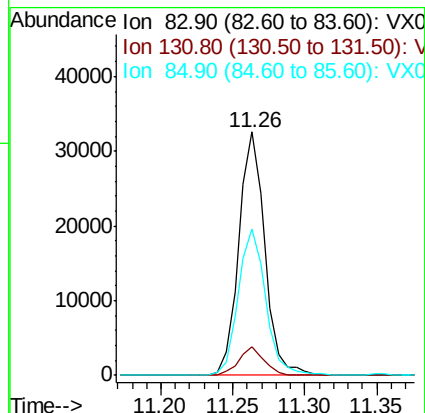
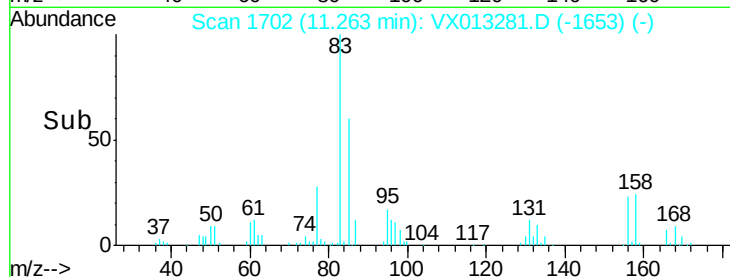
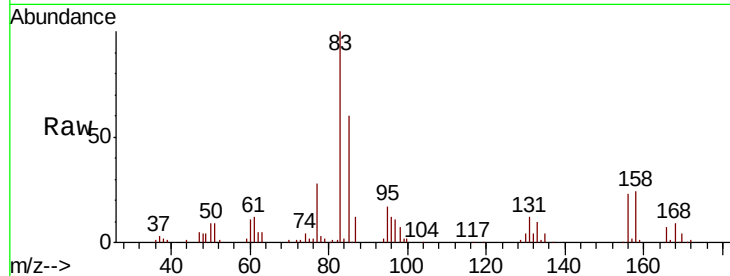
Tot Ion: 83 Resp: 41017

Ion Ratio Lower Upper

83 100

131 11.4 5.3 16.1

85 63.7 31.4 94.3



#76

1,2,3-Trichloropropane

Concen: 29.526 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013281.D

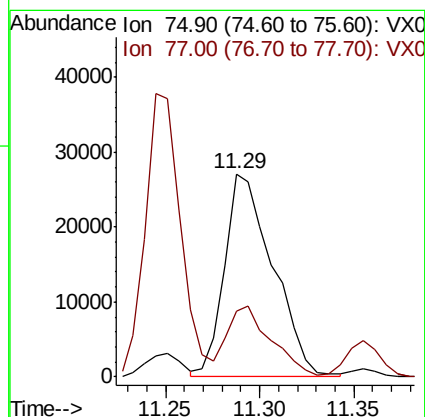
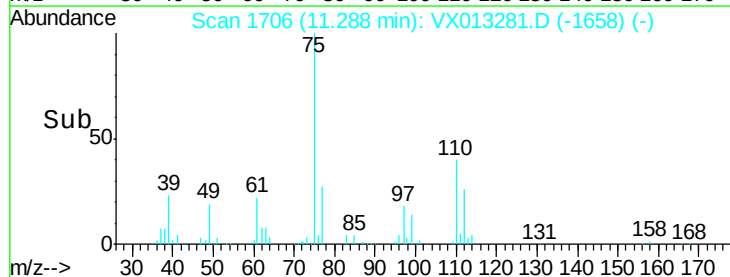
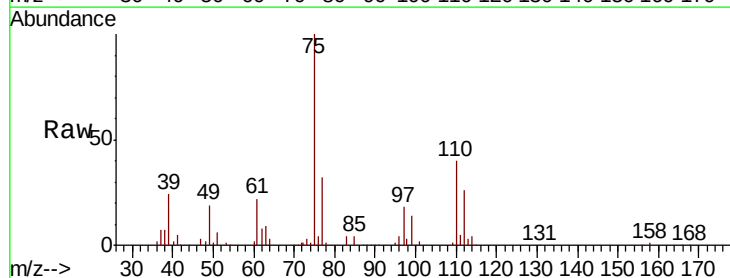
Acq: 30 Oct 2019 12:33

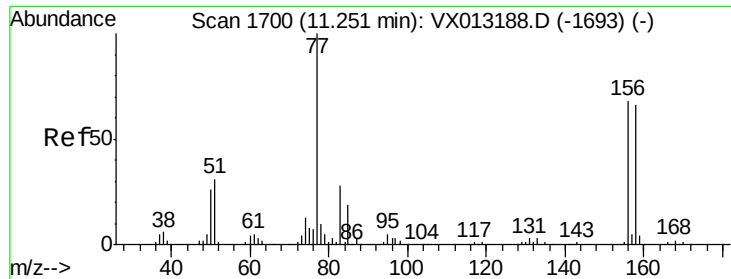
Tgt Ion: 75 Resp: 48300

Ion Ratio Lower Upper

75 100

77 31.5 19.1 57.5





#77

Bromobenzene

Concen: 21.770 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampled :

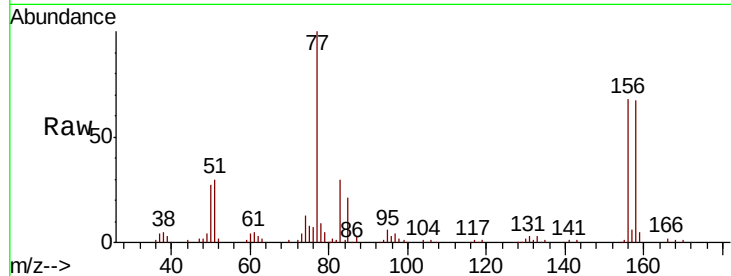
Tot Ion:156 Resp: 32159

Ion Ratio Lower Upper

156 100

77 154.9 81.7 245.1

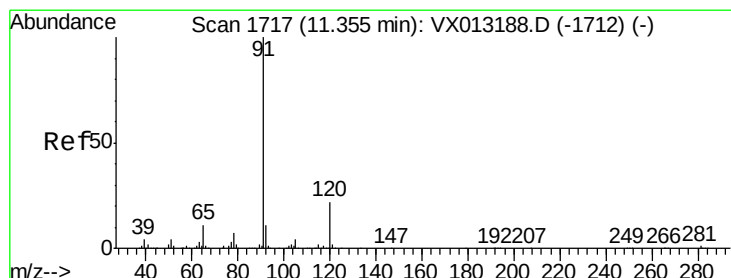
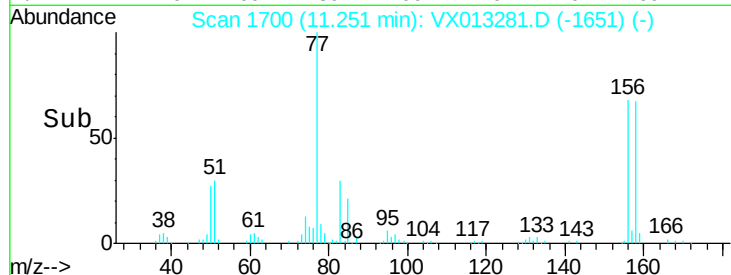
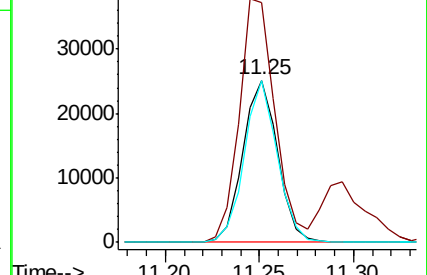
158 94.9 49.6 148.8



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: 21.550 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013281.D

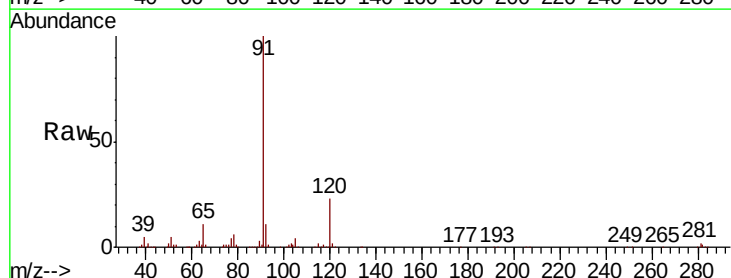
Acq: 30 Oct 2019 12:33

Tgt Ion: 91 Resp: 144279

Ion Ratio Lower Upper

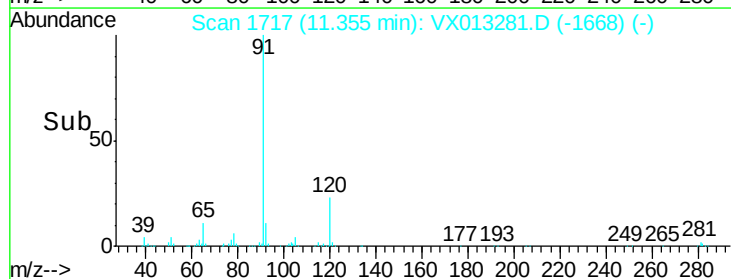
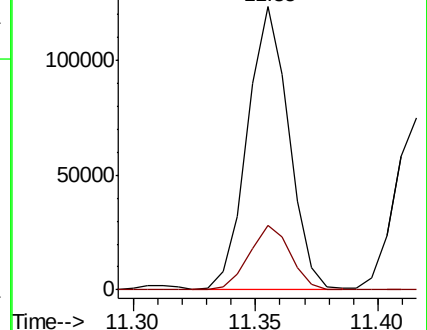
91 100

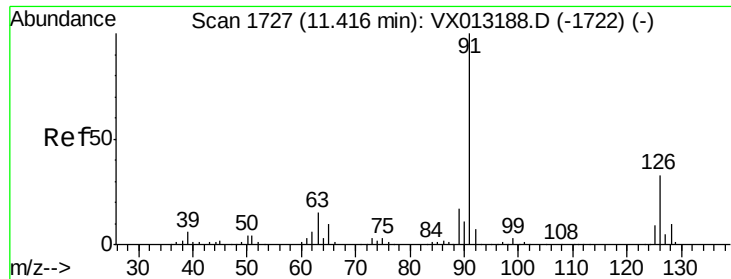
120 23.0 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

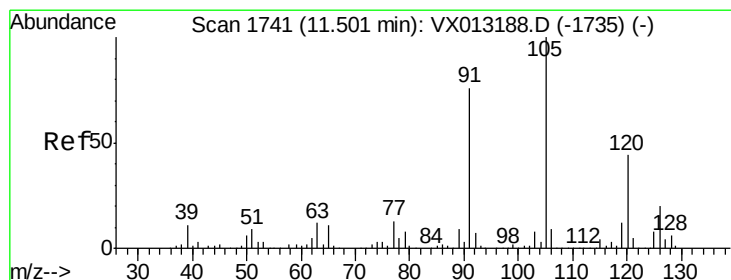
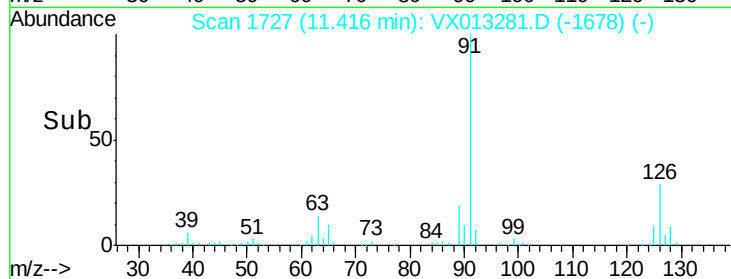
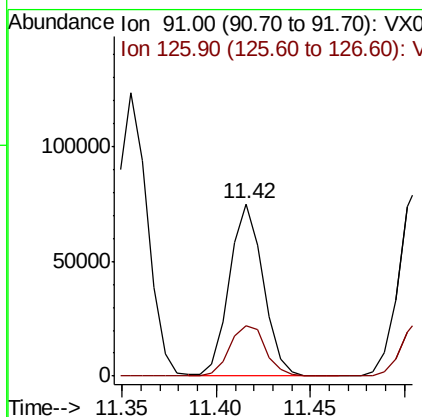
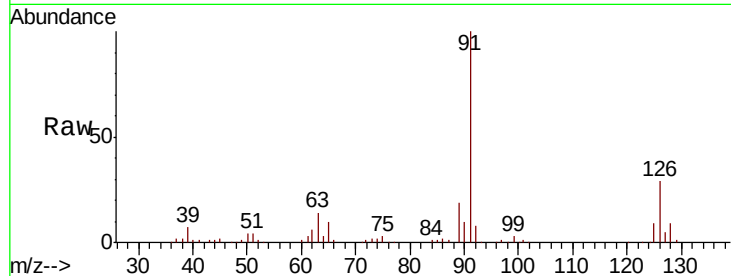




#79
 2-Chlorotoluene
 Concen: 21.914 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

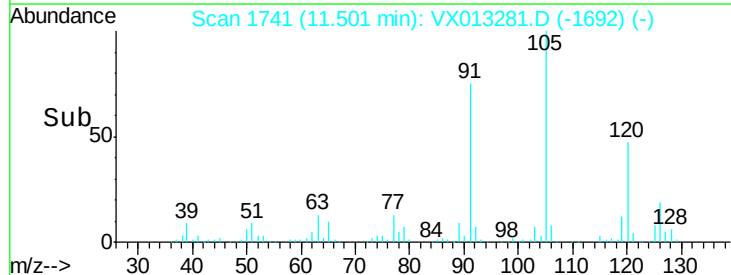
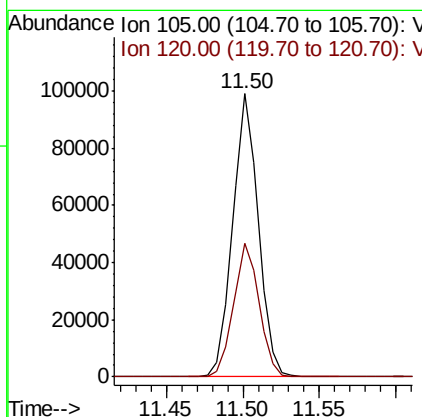
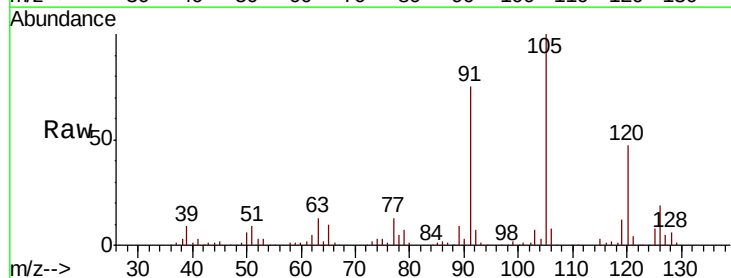
Instrument :
 MSVOA_X
 ClientSampleId :

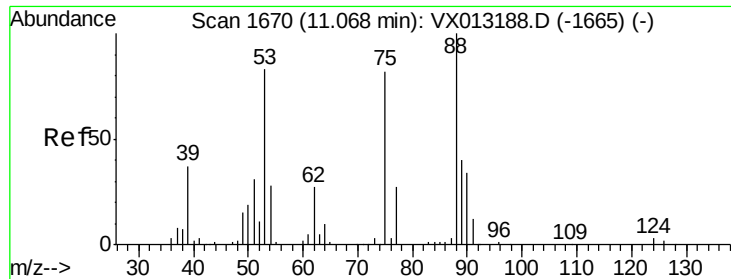
Tot Ion: 91 Resp: 92698
 Ion Ratio Lower Upper
 91 100
 126 31.5 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 22.362 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

Tgt Ion: 105 Resp: 114560
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 20.286 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

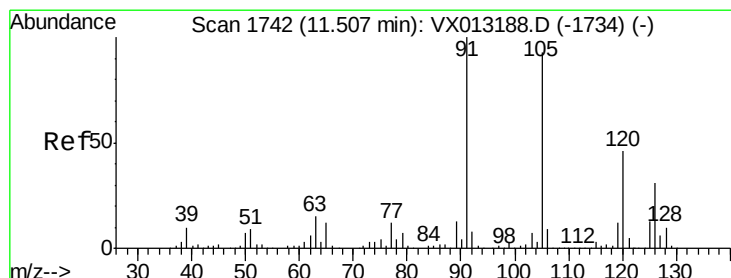
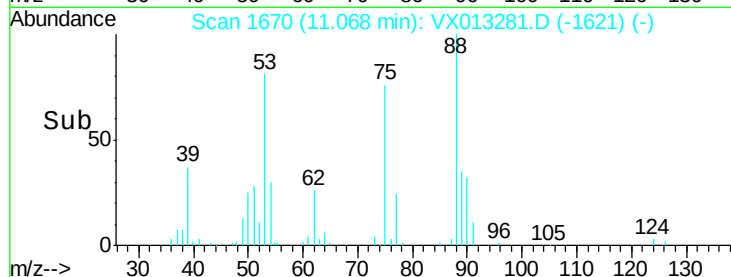
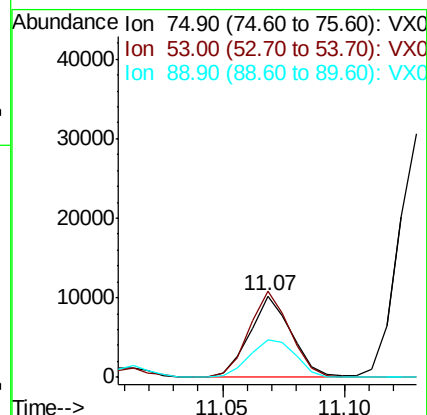
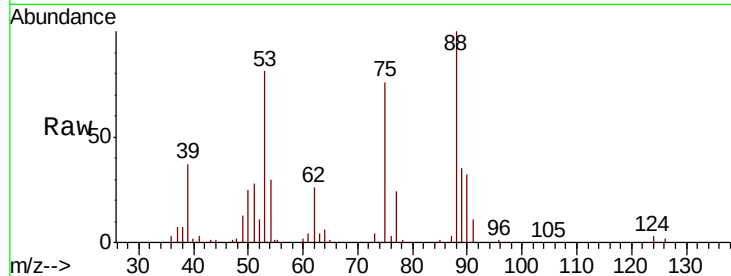
Tot Ion: 75 Resp: 12076

Ion Ratio Lower Upper

75 100

53 104.8 77.9 116.9

89 52.4 37.3 55.9



#82

4-Chlorotoluene

Concen: 21.870 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013281.D

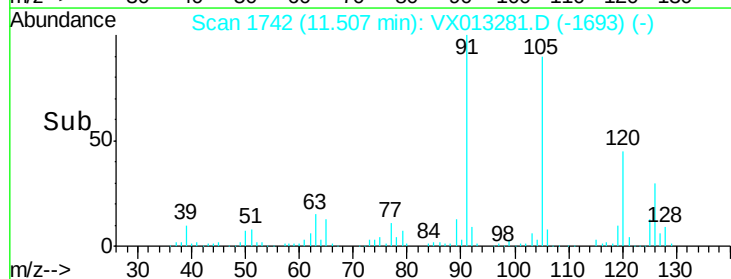
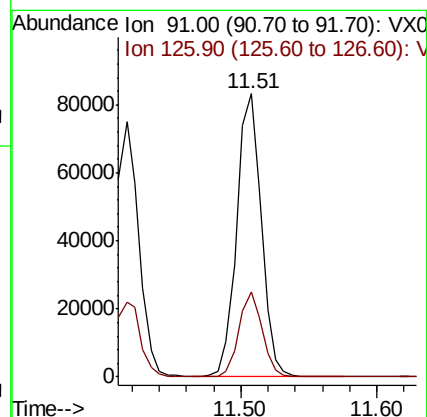
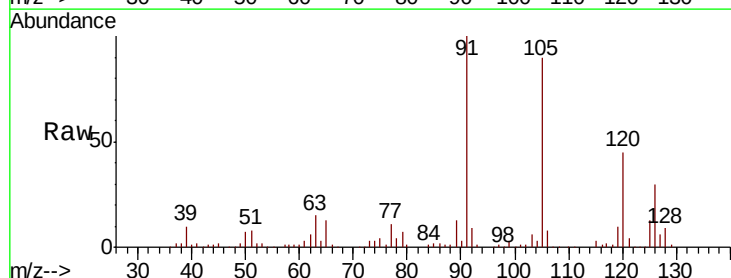
Acq: 30 Oct 2019 12:33

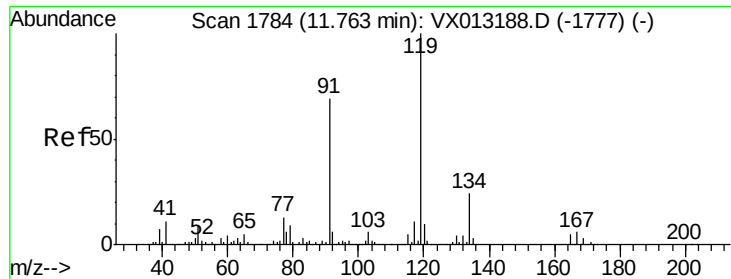
Tgt Ion: 91 Resp: 104820

Ion Ratio Lower Upper

91 100

126 28.5 14.6 44.0

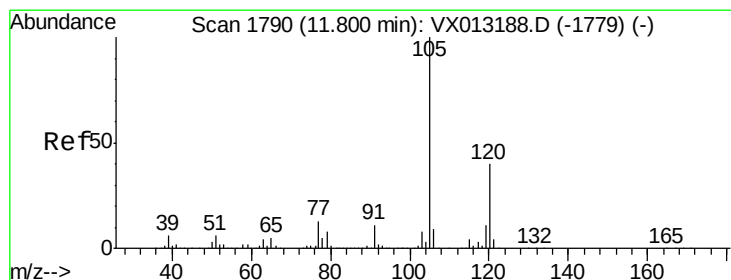
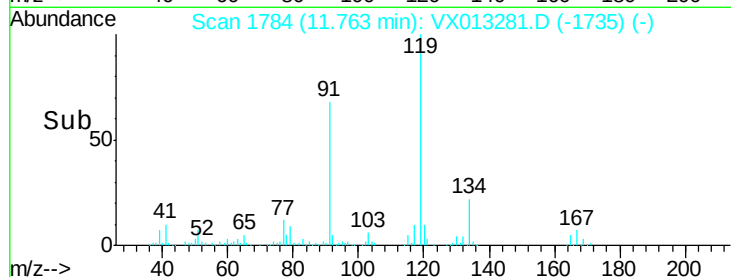
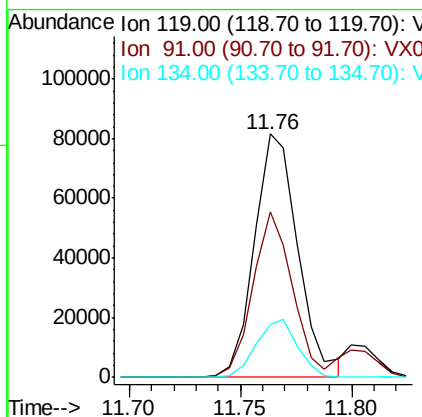
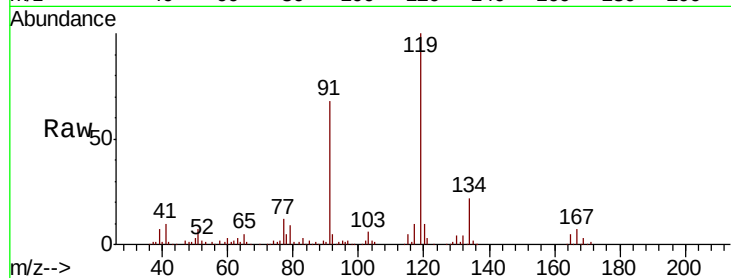




#83
 tert-Butylbenzene
 Concen: 21.921 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

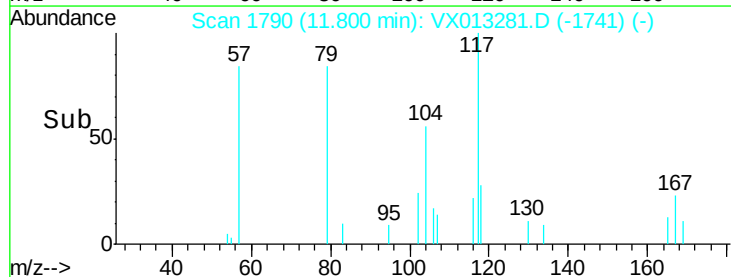
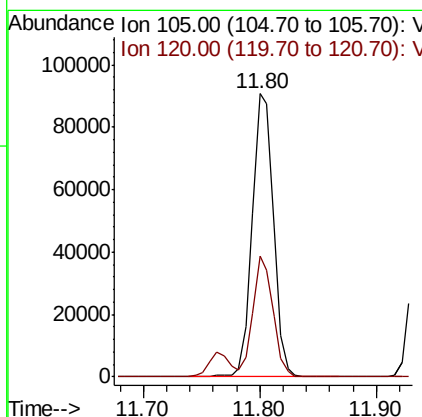
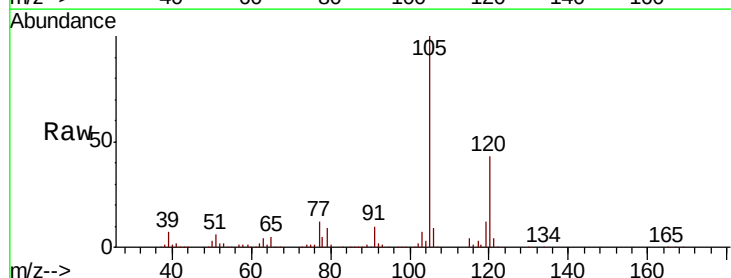
Instrument :
 MSVOA_X
 ClientSampleId :

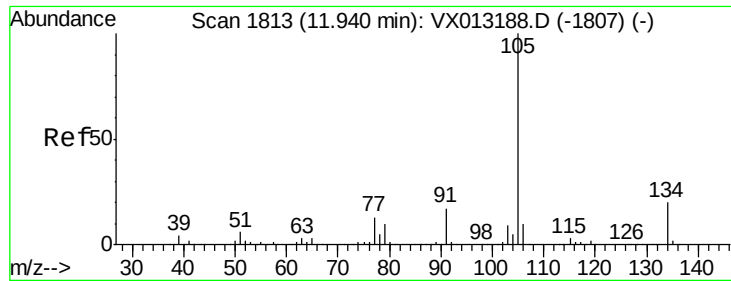
Tot Ion:119 Resp: 111105
 Ion Ratio Lower Upper
 119 100
 91 61.8 30.8 92.4
 134 22.6 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 22.416 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

Tgt Ion:105 Resp: 115834
 Ion Ratio Lower Upper
 105 100
 120 40.2 21.4 64.3





#85

sec-Butylbenzene

Concen: 21.950 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

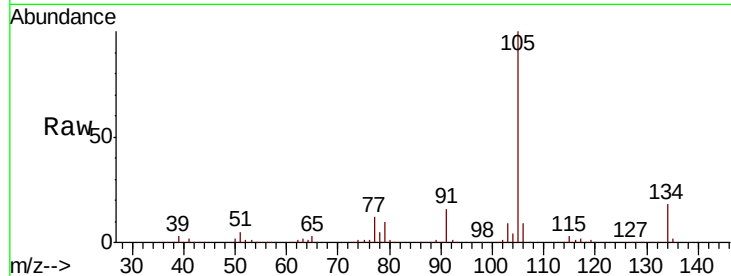
ClientSampleId :

Tot Ion:105 Resp: 126603

Ion Ratio Lower Upper

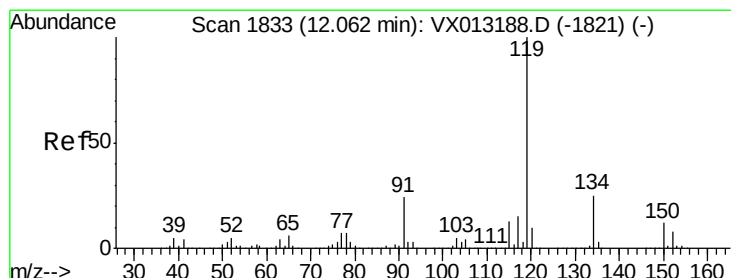
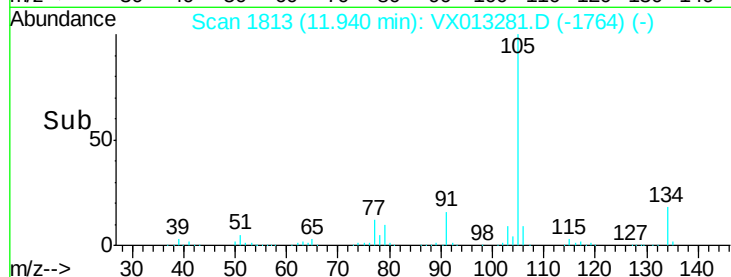
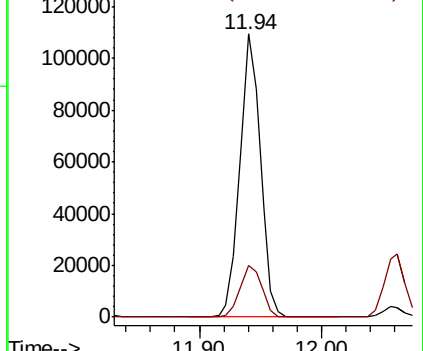
105 100

134 19.4 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.319 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

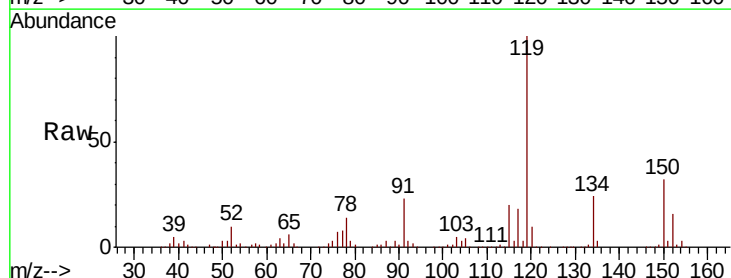
Tgt Ion:119 Resp: 115521

Ion Ratio Lower Upper

119 100

134 25.0 12.5 37.5

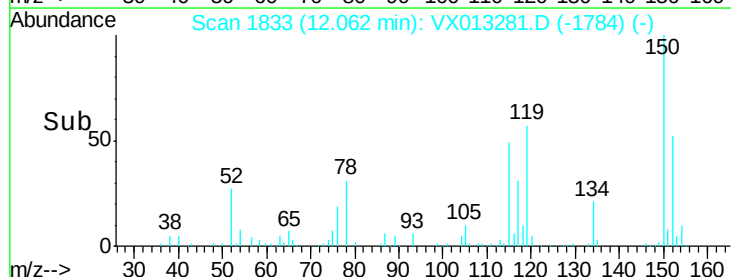
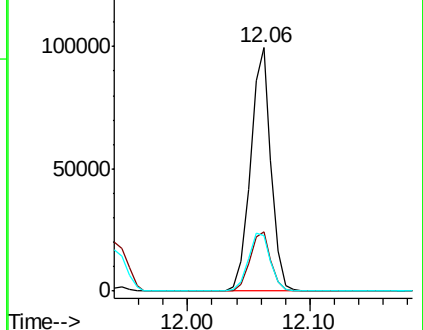
91 25.7 12.4 37.2

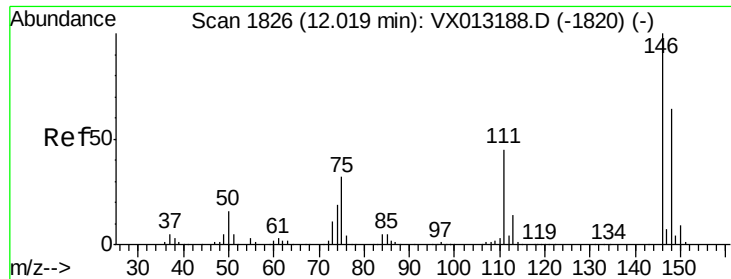


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

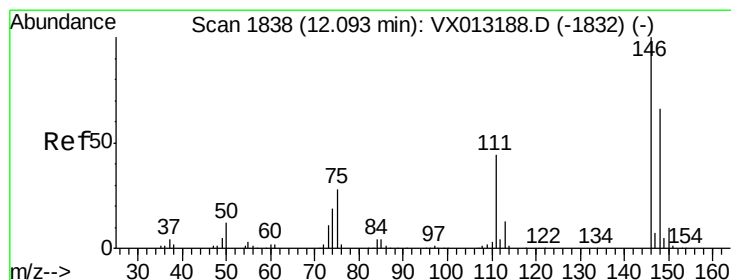
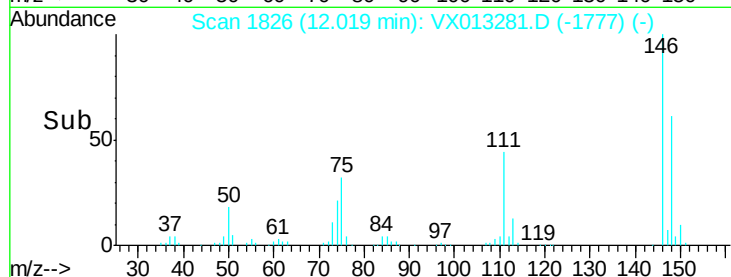
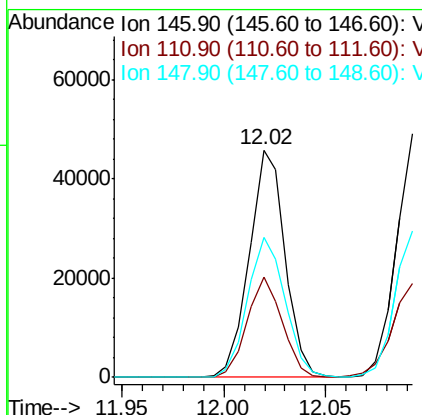
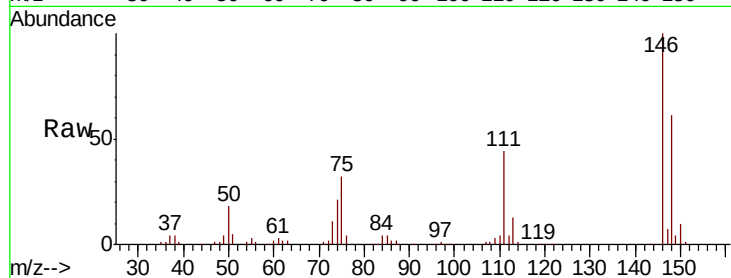




#87
 1,3-Dichlorobenzene
 Concen: 20.953 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

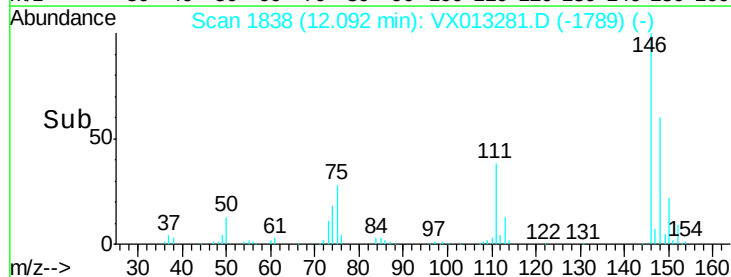
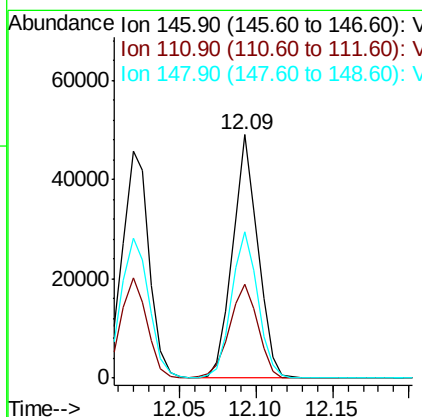
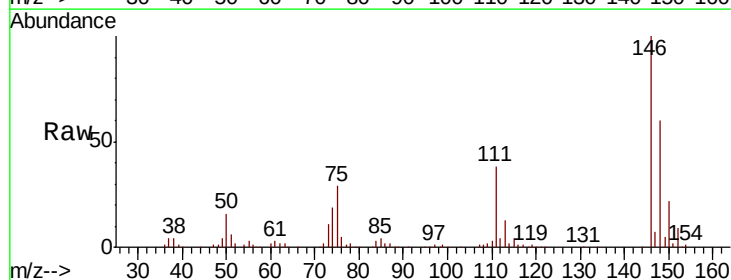
Instrument :
 MSVOA_X
 ClientSampleId :

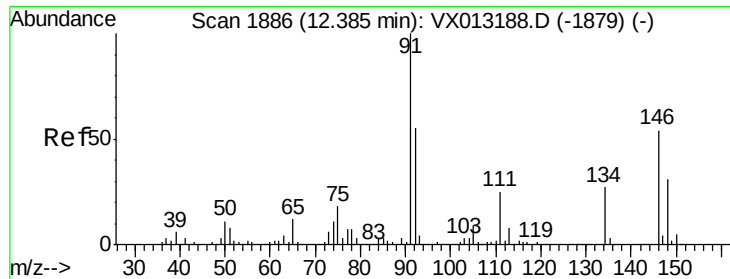
Tot Ion:146 Resp: 55917
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.3 63.9
 148 64.6 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 20.745 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

Tgt Ion:146 Resp: 56365
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.3 63.9
 148 62.8 32.5 97.5





#89

n-Butylbenzene

Concen: 21.495 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampled :

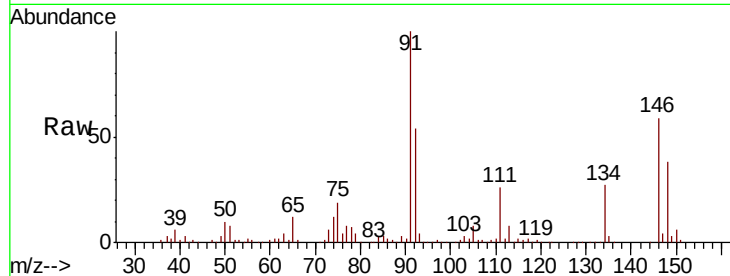
Tot Ion: 91 Resp: 95282

Ion Ratio Lower Upper

91 100

92 54.4 27.7 83.1

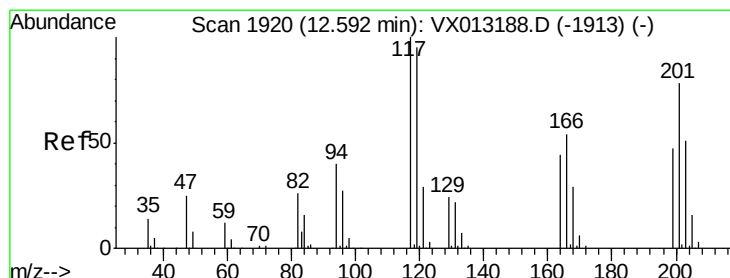
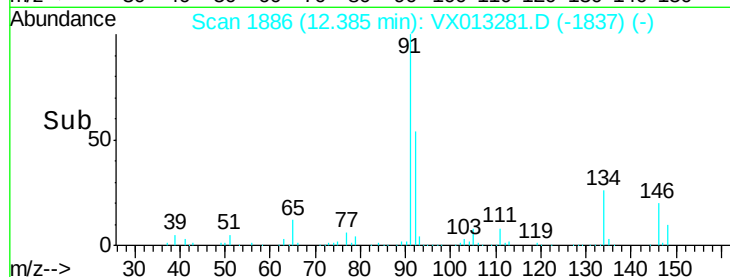
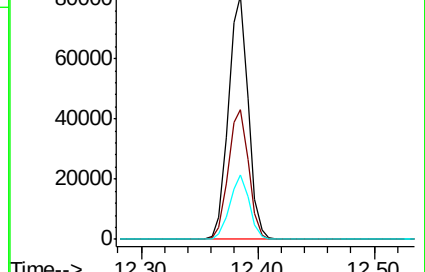
134 26.2 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX013281.D (-1871) (-)

Ion 92.00 (91.70 to 92.70): VX013281.D (-1871) (-)

Ion 134.00 (133.70 to 134.70): VX013281.D (-1871) (-)



#90

Hexachloroethane

Concen: 21.932 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013281.D

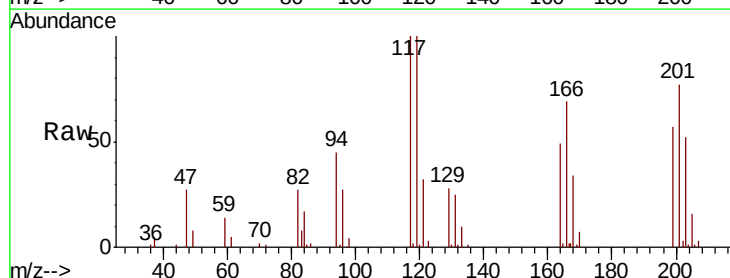
Acq: 30 Oct 2019 12:33

Tgt Ion: 117 Resp: 19902

Ion Ratio Lower Upper

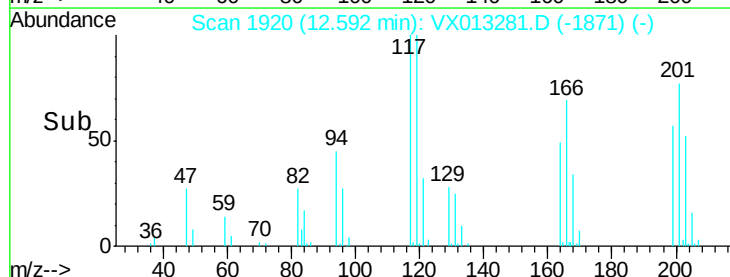
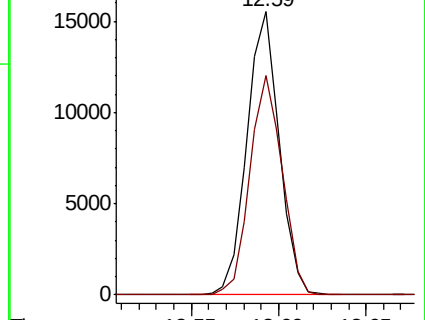
117 100

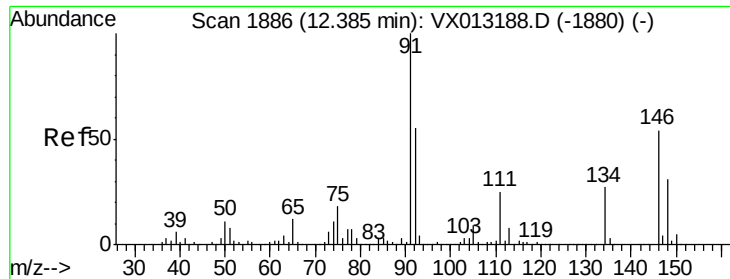
201 77.7 39.0 116.9



Abundance Ion 116.80 (116.50 to 117.50): VX013281.D (-1871) (-)

Ion 200.70 (200.40 to 201.40): VX013281.D (-1871) (-)

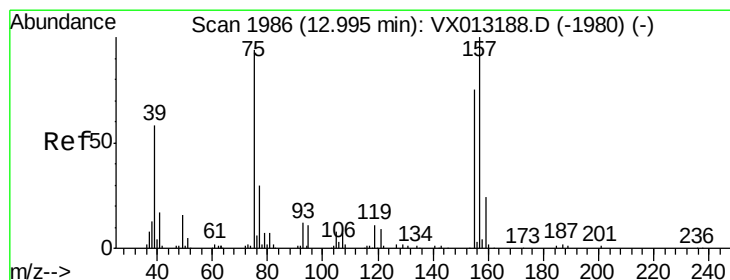
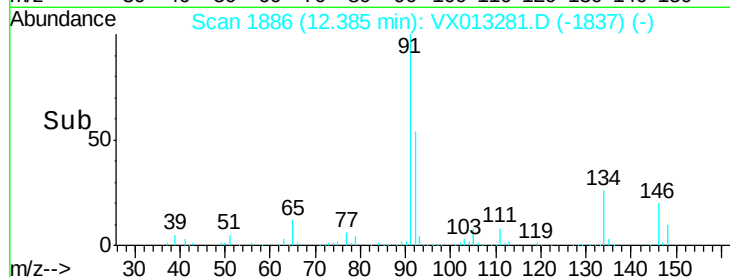
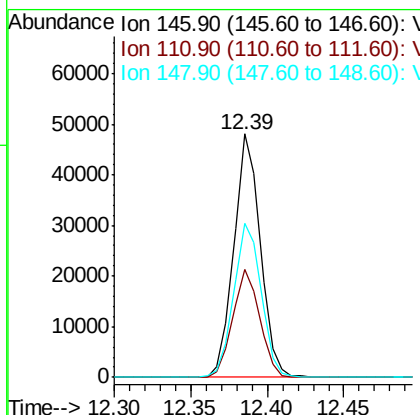
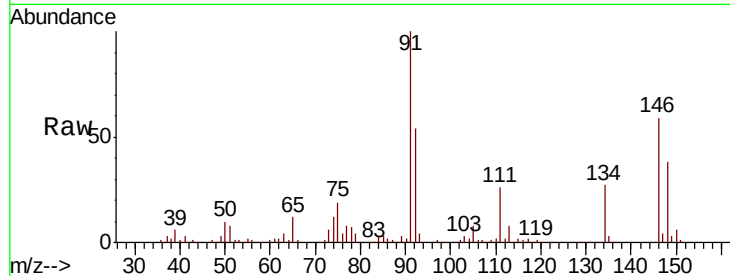




#91
 1,2-Dichlorobenzene
 Concen: 21.981 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

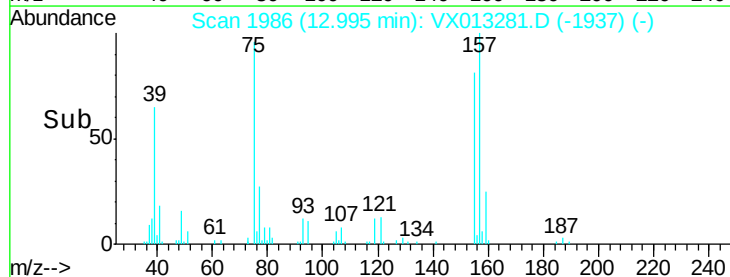
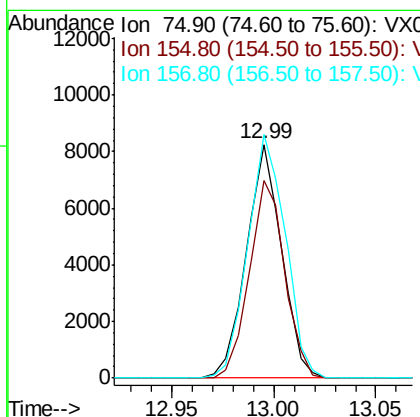
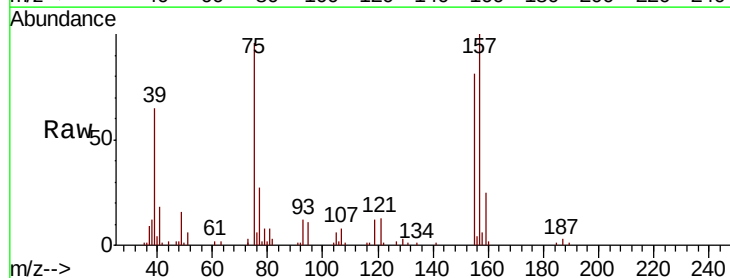
Instrument :
 MSVOA_X
 ClientSampleId :

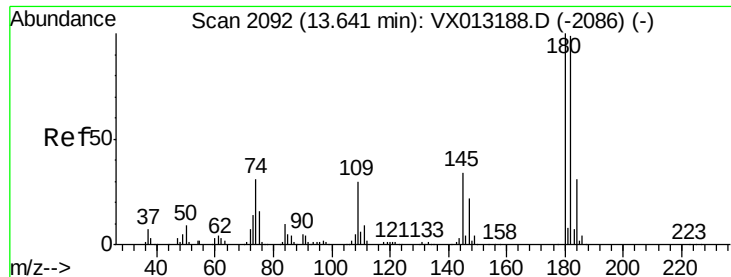
Tot Ion:146 Resp: 57684
 Ion Ratio Lower Upper
 146 100
 111 45.2 22.9 68.8
 148 65.5 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.350 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

Tgt Ion: 75 Resp: 9936
 Ion Ratio Lower Upper
 75 100
 155 84.3 42.8 128.4
 157 110.7 54.3 162.8

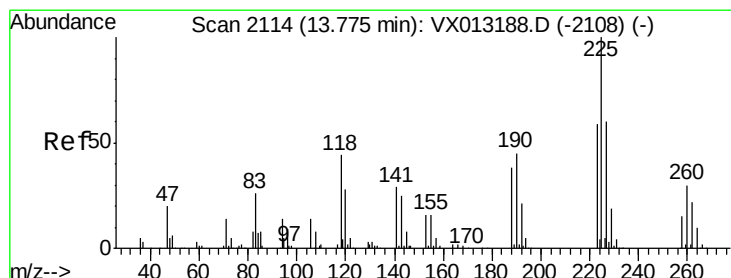
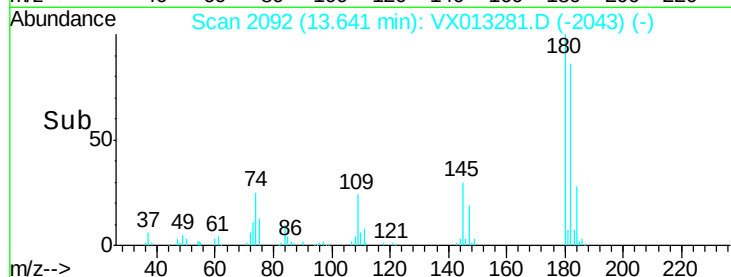
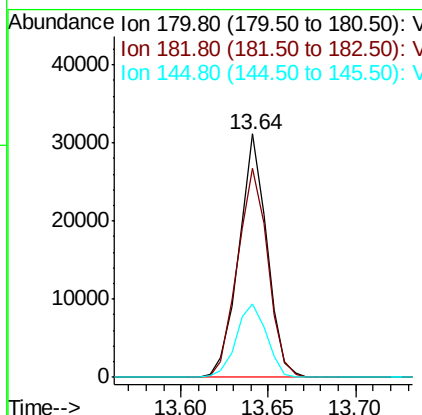
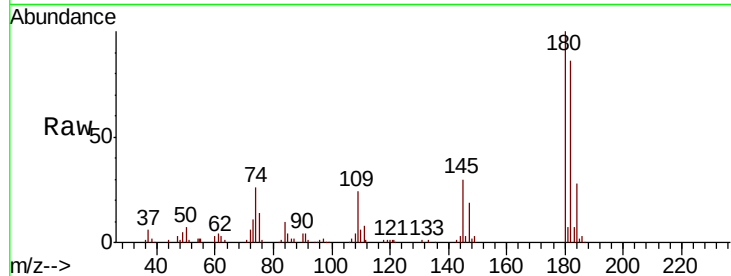




#93
 1,2,4-Trichlorobenzene
 Concen: 21.025 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

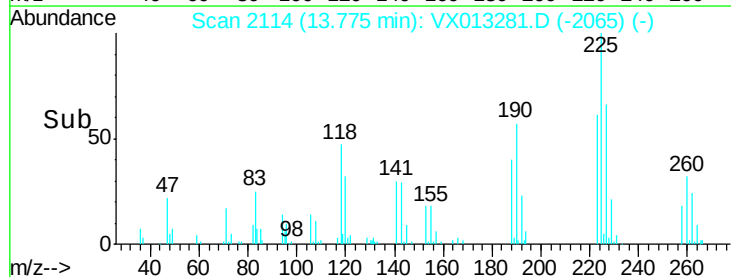
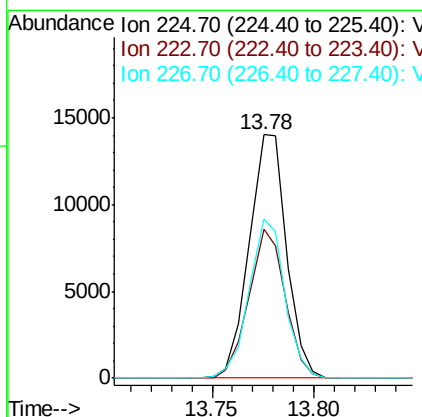
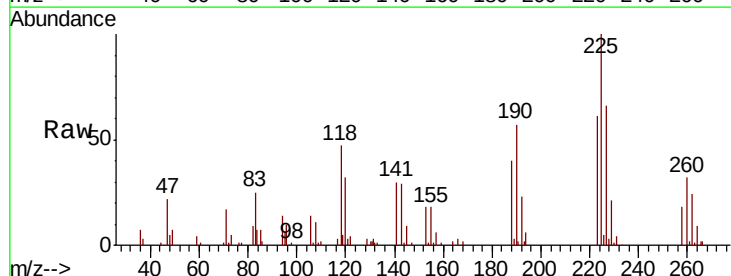
Instrument :
 MSVOA_X
 ClientSampleId :

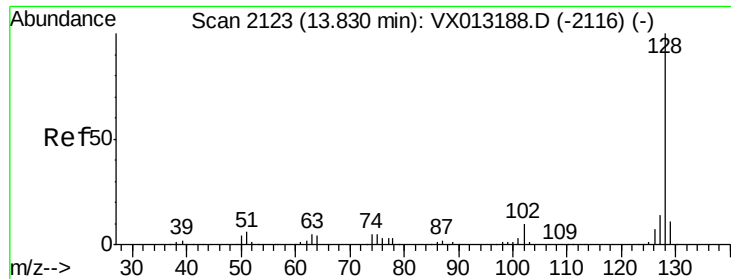
Tot Ion:180 Resp: 34742
 Ion Ratio Lower Upper
 180 100
 182 93.0 45.9 137.6
 145 32.9 15.9 47.6



#94
 Hexachlorobutadiene
 Concen: 20.945 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013281.D
 Acq: 30 Oct 2019 12:33

Tgt Ion:225 Resp: 17904
 Ion Ratio Lower Upper
 225 100
 223 59.4 30.9 92.5
 227 62.5 30.3 90.9





#95

Naphthalene

Concen: 21.243 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

Instrument :

MSVOA_X

ClientSampleId :

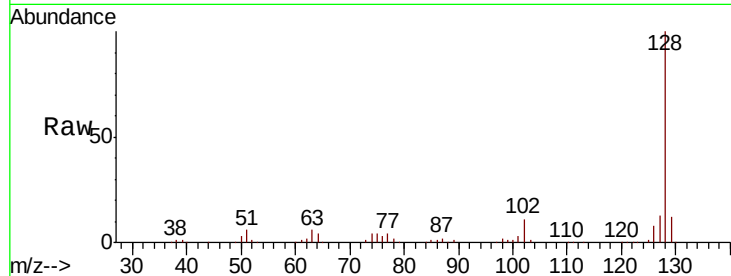
Tot Ion:128 Resp: 107734

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

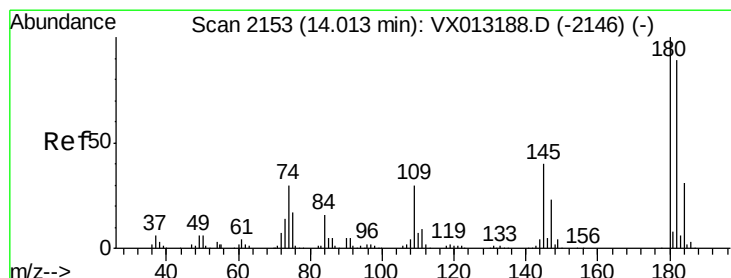
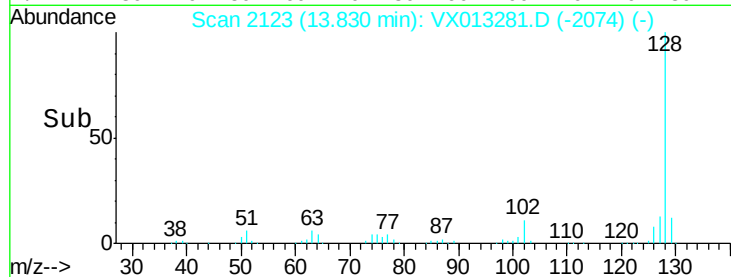
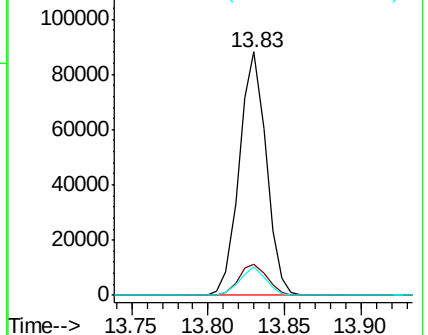
129 11.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.018 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX013281.D

Acq: 30 Oct 2019 12:33

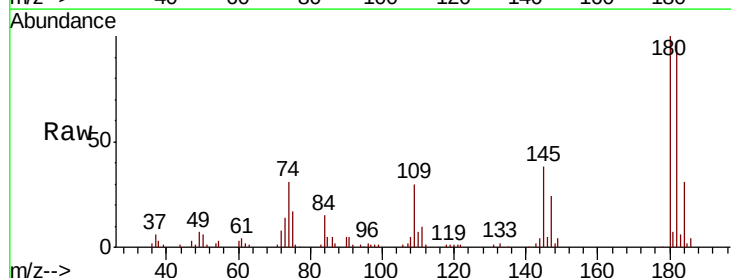
Tgt Ion:180 Resp: 34320

Ion Ratio Lower Upper

180 100

182 97.8 48.3 144.9

145 37.2 18.6 55.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

