

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100919\
 Data File : VX012977.D
 Acq On : 10 Oct 2019 05:43
 Operator : JC/SP
 Sample : K5259-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 10 06:52:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	158798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	279445	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114350	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	105475	53.14	ug/l	0.00
Spiked Amount			Recovery	=	106.28%	
35) Dibromofluoromethane	5.49	113	84354	52.59	ug/l	0.00
Spiked Amount			Recovery	=	105.18%	
50) Toluene-d8	8.71	98	309289	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.14	95	118840	48.89	ug/l	0.00
Spiked Amount			Recovery	=	97.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	78860	48.719	ug/l	98
3) Chloromethane	1.32	50	95332	54.117	ug/l	97
4) Vinyl Chloride	1.40	62	91442	50.291	ug/l	100
5) Bromomethane	1.63	94	37403	49.486	ug/l	99
6) Chloroethane	1.71	64	58464	52.620	ug/l	98
7) Trichlorofluoromethane	1.92	101	122801	50.039	ug/l	100
8) Diethyl Ether	2.18	74	54554	55.073	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74133	46.675	ug/l	100
10) Methyl Iodide	2.50	142	98790	54.405	ug/l	100
11) Tert butyl alcohol	3.03	59	134536	255.701	ug/l	100
12) 1,1-Dichloroethene	2.36	96	81741	50.938	ug/l	96
13) Acrolein	2.28	56	84145	225.042	ug/l	100
14) Allyl chloride	2.72	41	146818	51.374	ug/l	99
15) Acrylonitrile	3.13	53	279971	280.790	ug/l	100
16) Acetone	2.44	43	244152	233.376	ug/l	99
17) Carbon Disulfide	2.56	76	214246	46.822	ug/l	100
18) Methyl Acetate	2.76	43	122114	49.245	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	316543	57.120	ug/l	97
20) Methylene Chloride	2.84	84	99782	51.898	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	90678	52.720	ug/l	97
22) Diisopropyl ether	3.84	45	306530	55.976	ug/l	96
23) Vinyl Acetate	3.80	43	1228249	259.817	ug/l	99
24) 1,1-Dichloroethane	3.69	63	169110	54.893	ug/l	99
25) 2-Butanone	4.66	43	385667	265.717	ug/l	97
26) 2,2-Dichloropropane	4.57	77	92179	35.582	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	109209	55.084	ug/l	96
28) Bromochloromethane	5.01	49	52957	57.587	ug/l	99
29) Tetrahydrofuran	5.12	42	248887	278.661	ug/l	99
30) Chloroform	5.20	83	170536	53.949	ug/l	97
31) Cyclohexane	5.57	56	135575	47.063	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	142803	53.317	ug/l	99
36) 1,1-Dichloropropene	5.79	75	119199	48.516	ug/l	99
37) Ethyl Acetate	4.82	43	159744	58.146	ug/l	99
38) Carbon Tetrachloride	5.78	117	118286	49.463	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	133431	44.782	ug/l	100
40) Benzene	6.14	78	378848	52.208	ug/l	100
41) Methacrylonitrile	5.03	41	81495	53.985	ug/l	99
42) 1,2-Dichloroethane	6.18	62	141385	54.299	ug/l	99
43) Isopropyl Acetate	6.43	43	228191	51.750	ug/l	100
44) Trichloroethene	7.21	130	98238	48.820	ug/l	91
45) 1,2-Dichloropropane	7.51	63	98860	53.454	ug/l	99
46) Dibromomethane	7.65	93	66623	54.068	ug/l	99
47) Bromodichloromethane	7.89	83	130540	54.286	ug/l	97
48) Methyl methacrylate	7.76	41	116746	54.331	ug/l	98
49) 1,4-Dioxane	7.73	88	57987	1005.407	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	754704	274.517	ug/l	100
52) Toluene	8.78	92	237515	51.162	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	135136	45.247	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	149739	50.630	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	100064	54.466	ug/l	98
56) Ethyl methacrylate	9.17	69	163202	49.622	ug/l	99
57) 1,3-Dichloropropane	9.37	76	168572	53.043	ug/l	99
59) 2-Hexanone	9.49	43	579514	270.791	ug/l	100
60) Dibromochloromethane	9.57	129	101350	49.588	ug/l	99
61) 1,2-Dibromoethane	9.67	107	105694	54.689	ug/l	99
64) Tetrachloroethene	9.33	164	90357	51.992	ug/l	95
65) Chlorobenzene	10.14	112	248095	49.861	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	91707	53.157	ug/l	99
67) Ethyl Benzene	10.25	91	438499	49.613	ug/l	100
68) m/p-Xylenes	10.35	106	330072	99.966	ug/l	100
69) o-Xylene	10.70	106	163196	50.684	ug/l	99
70) Stvrene	10.71	104	285058	52.076	ug/l	99
71) Bromoform	10.85	173	68825	47.028	ug/l #	100
73) Isopropylbenzene	11.01	105	422074	50.204	ug/l	100
74) N-amyl acetate	10.89	43	188947	52.184	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	153407	54.862	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	171707	67.701	ug/l	77
77) Bromobenzene	11.25	156	102401	51.688	ug/l	96
78) n-propylbenzene	11.35	91	469096	50.707	ug/l	99
79) 2-Chlorotoluene	11.42	91	291054	50.061	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	361504	51.496	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	41348	42.582	ug/l	96
82) 4-Chlorotoluene	11.51	91	342587	51.409	ug/l	99
83) tert-Butylbenzene	11.77	119	350435	51.173	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	369830	52.017	ug/l	99
85) sec-Butylbenzene	11.94	105	396418	49.966	ug/l	99
86) p-Isopropyltoluene	12.06	119	359378	48.841	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	180617	49.094	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	181105	48.606	ug/l	99
89) n-Butylbenzene	12.39	91	301772	48.798	ug/l	99
90) Hexachloroethane	12.59	117	62524	46.054	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	184714	51.214	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37225	56.798	ug/l	97
93) 1,2,4-Trichlorobenzene	13.64	180	109327	48.389	ug/l	97

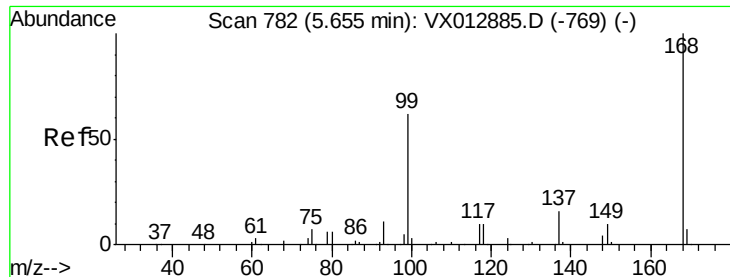
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	48197	46.223	ug/l	98
95) Naphthalene	13.83	128	415425	53.042	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	114692	49.123	ug/l	98

(#) = 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. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

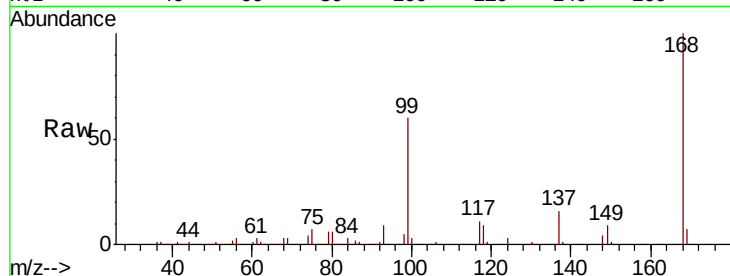
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 158798

Ion Ratio Lower Upper

168 100

99 60.0 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

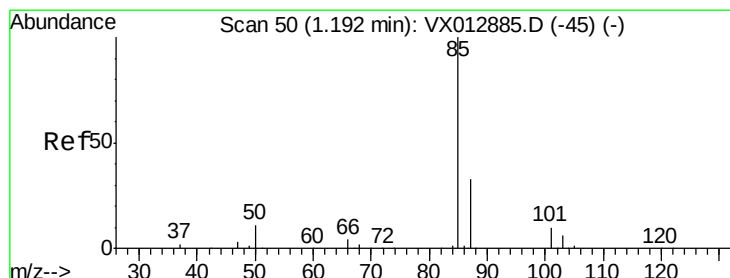
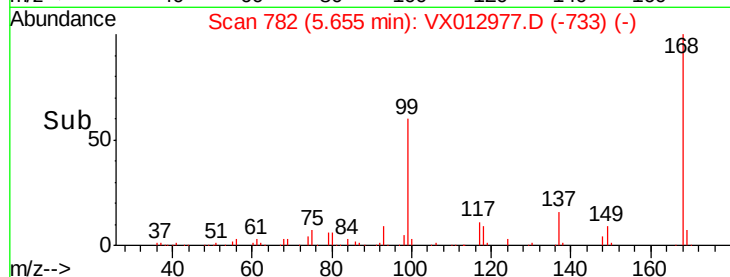
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.719 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012977.D

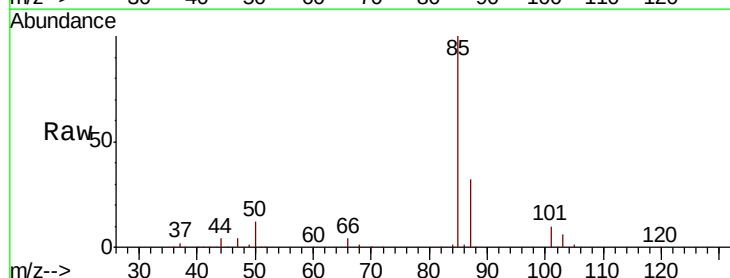
Acq: 10 Oct 2019 05:43

Tgt Ion: 85 Resp: 78860

Ion Ratio Lower Upper

85 100

87 32.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

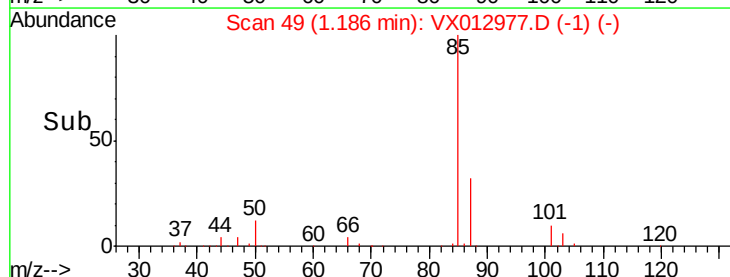
60000

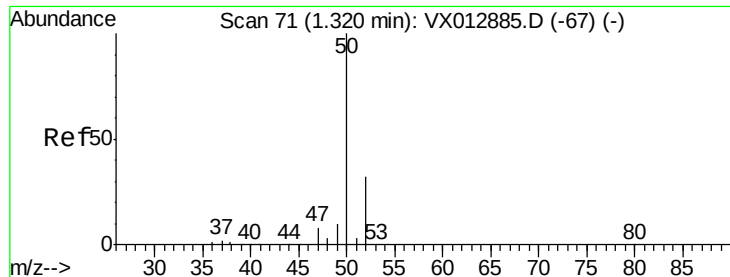
40000

20000

0

Time--> 1.15 1.20 1.25 1.30

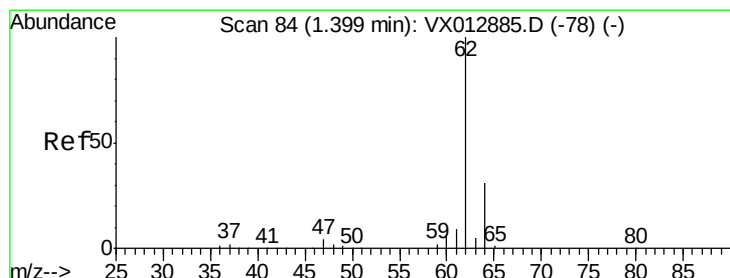
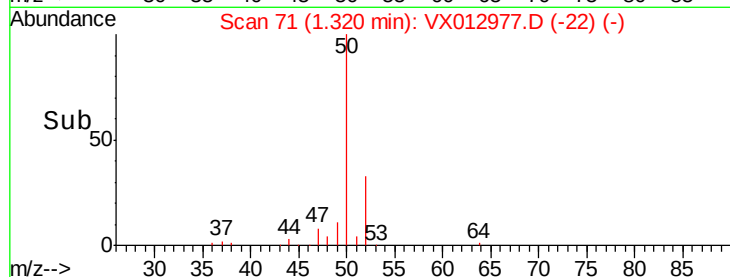
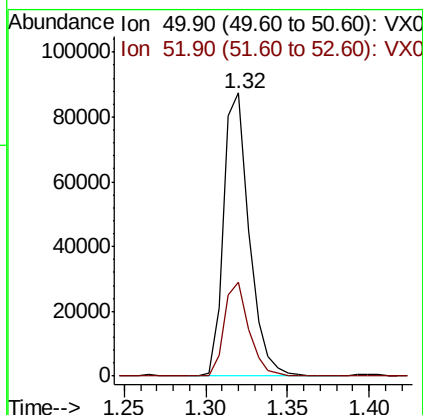
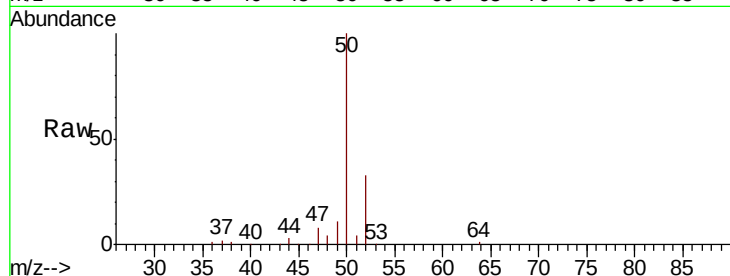




#3
Chloromethane
Concen: 54.117 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

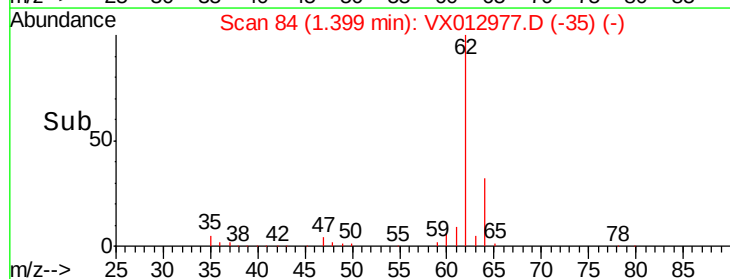
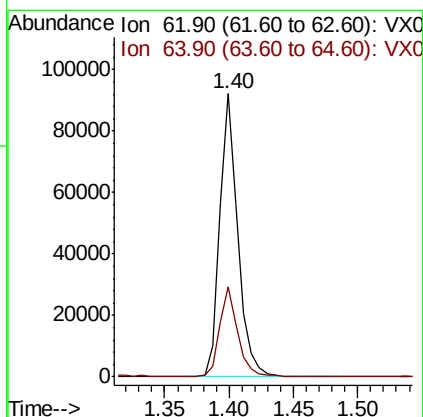
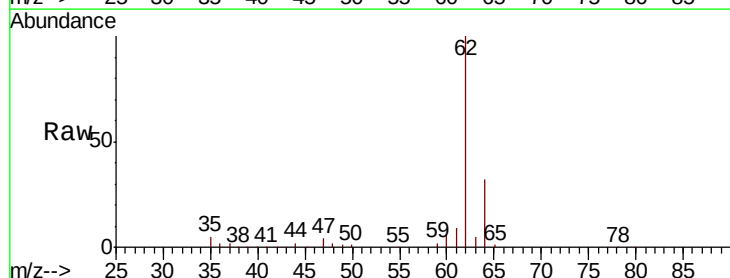
Instrument :
MSVOA_X
ClientSampleId :

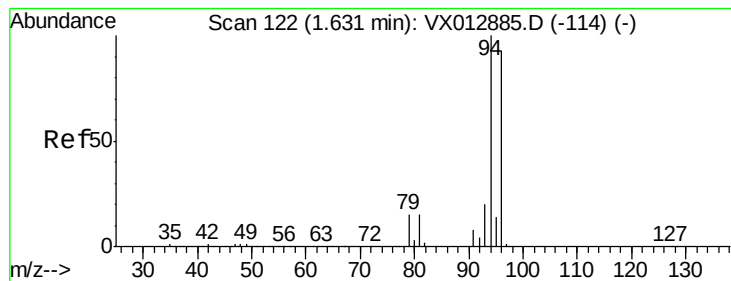
Tot Ion: 50 Resp: 95332
Ion Ratio Lower Upper
50 100
52 33.0 25.2 37.8



#4
Vinyl Chloride
Concen: 50.291 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Tgt Ion: 62 Resp: 91442
Ion Ratio Lower Upper
62 100
64 31.9 25.3 37.9





#5

Bromomethane

Concen: 49.486 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

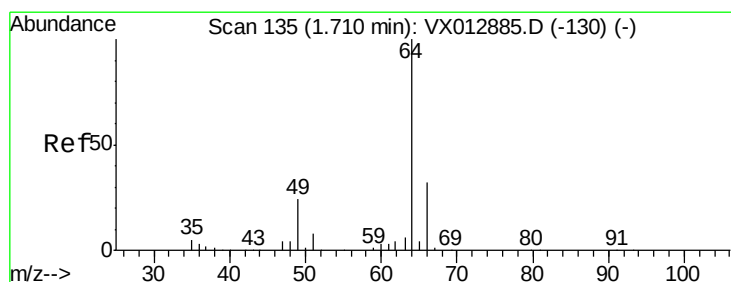
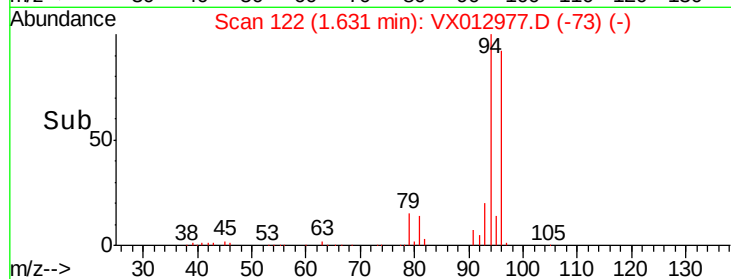
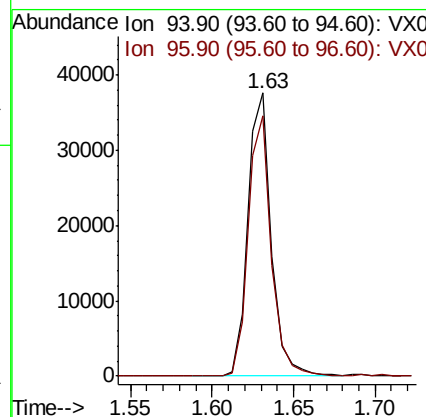
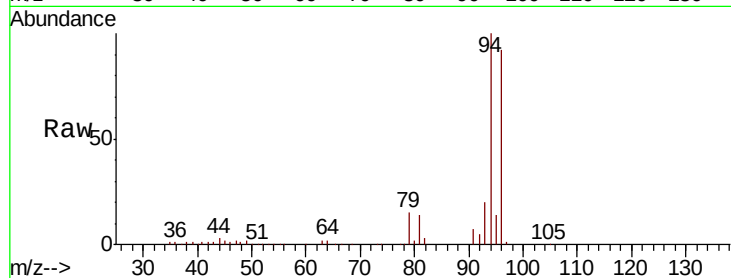
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 37403

Ion Ratio Lower Upper

94 100

96 92.1 74.7 112.1



#6

Chloroethane

Concen: 52.620 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012977.D

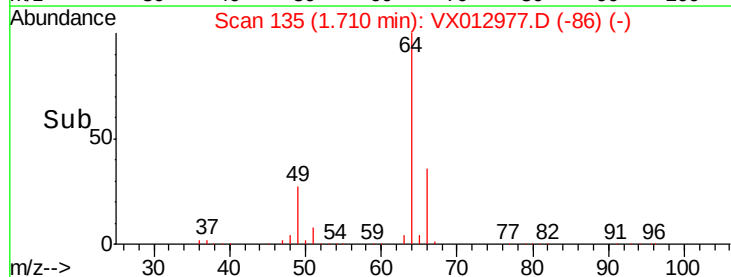
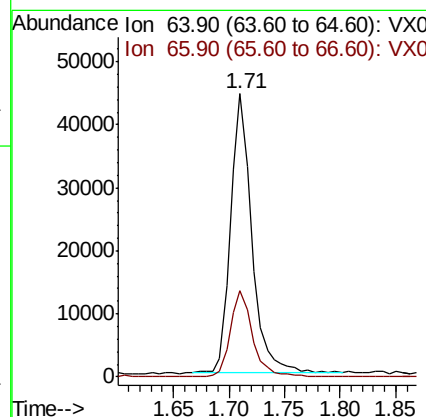
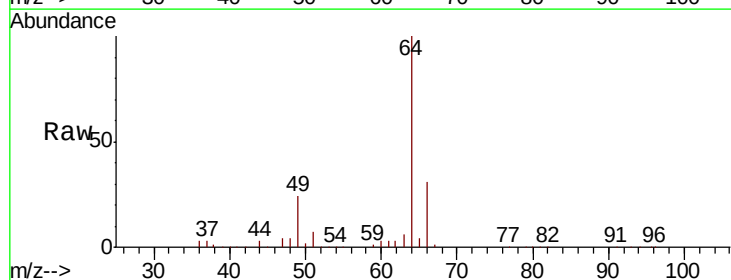
Acq: 10 Oct 2019 05:43

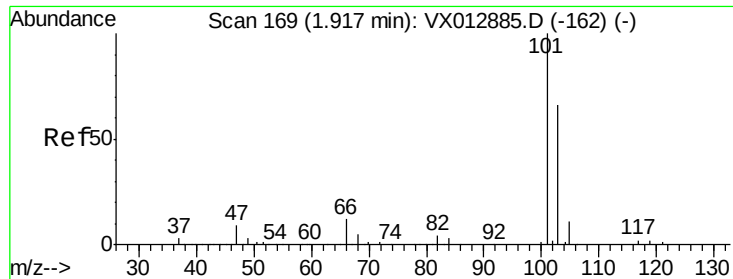
Tgt Ion: 64 Resp: 58464

Ion Ratio Lower Upper

64 100

66 30.9 25.6 38.4



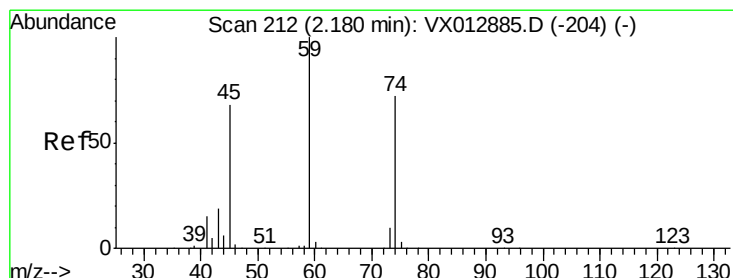
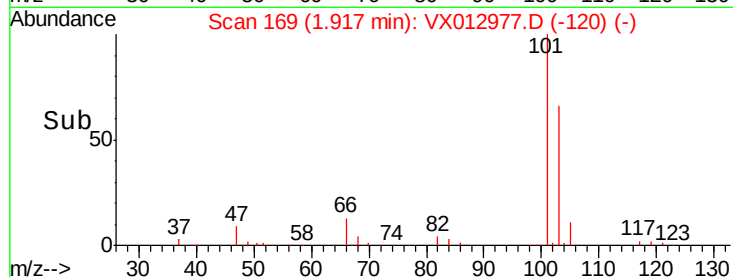
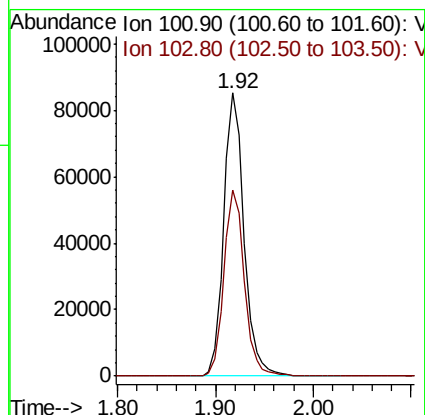
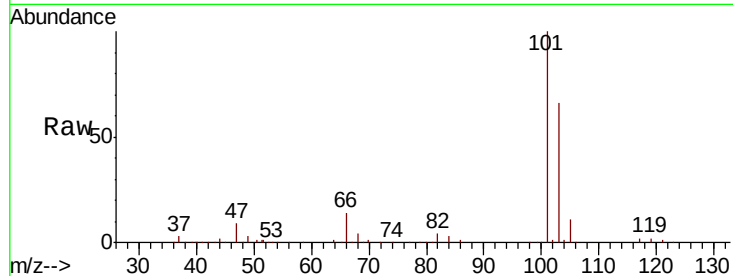


#7

Trichlorofluoromethane
 Concen: 50.039 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

Instrument :
 MSVOA_X
 ClientSampleId :

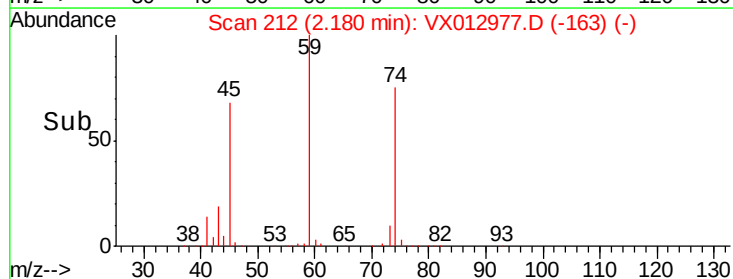
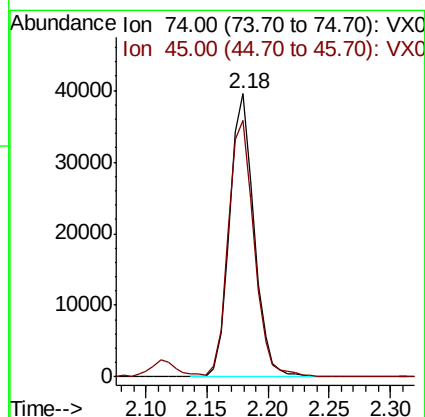
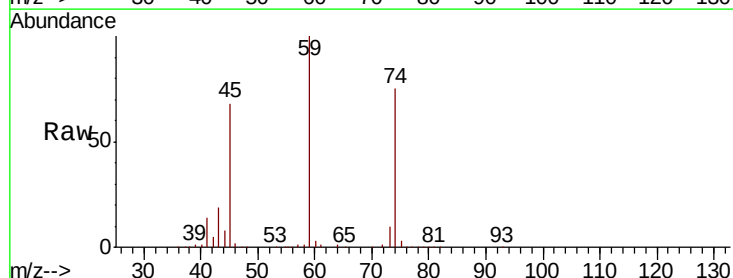
Tot Ion:101 Resp: 122801
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.5 78.7

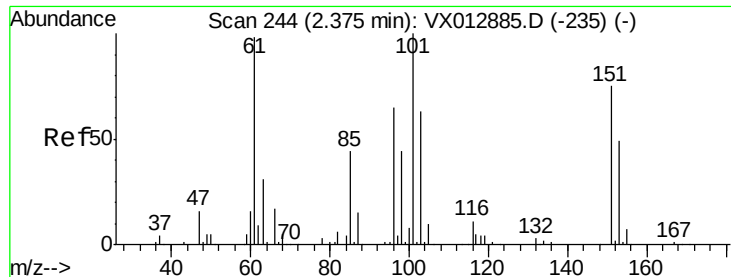


#8

Diethyl Ether
 Concen: 55.073 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

Tgt Ion: 74 Resp: 54554
 Ion Ratio Lower Upper
 74 100
 45 95.7 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.675 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampled :

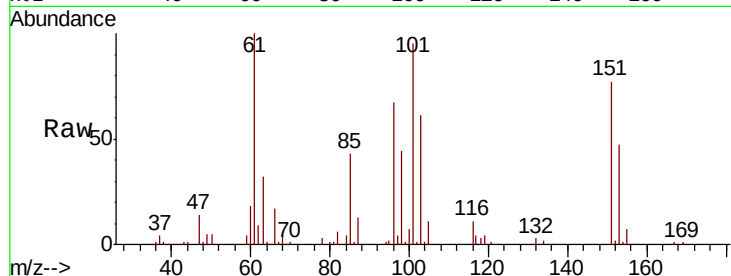
Tot Ion:101 Resp: 74133

Ion Ratio Lower Upper

101 100

85 44.0 35.2 52.8

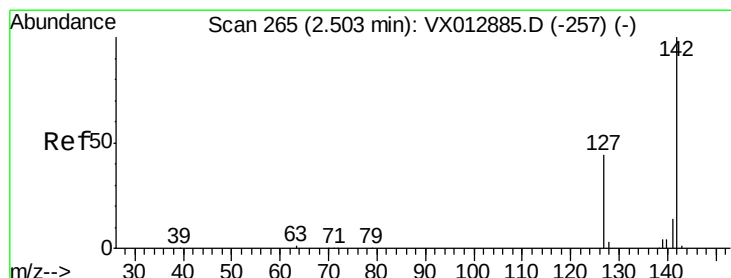
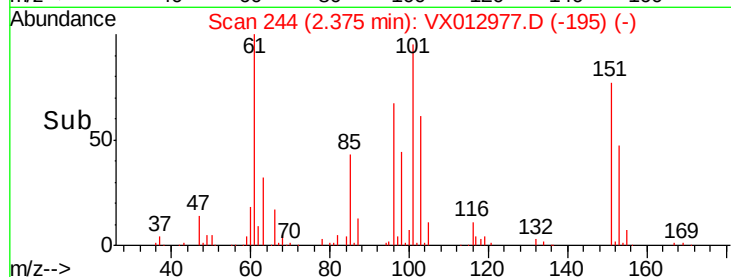
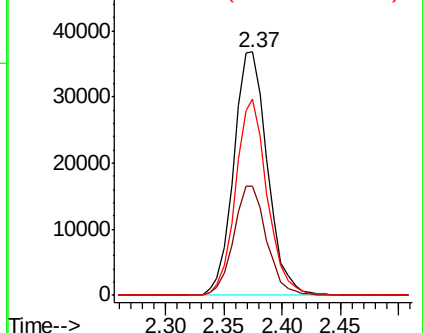
151 75.8 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.405 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

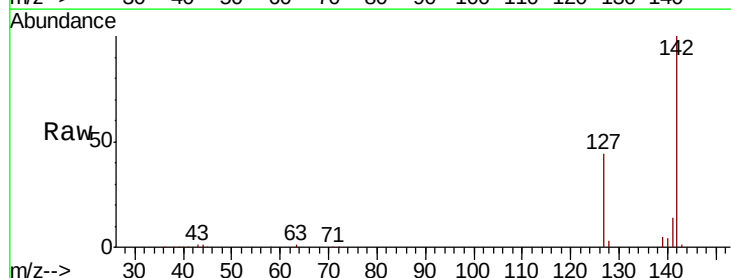
Tgt Ion:142 Resp: 98790

Ion Ratio Lower Upper

142 100

127 43.9 34.9 52.3

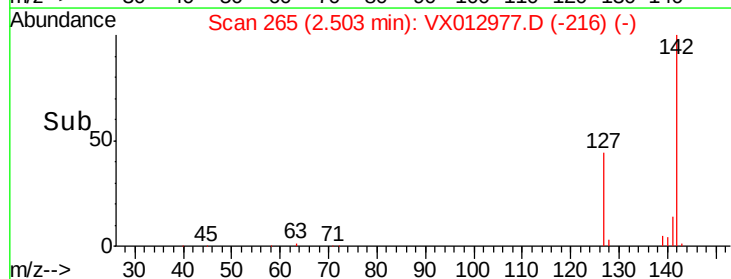
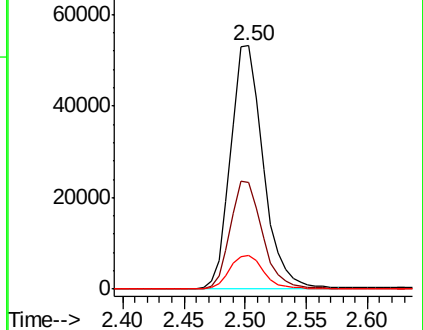
141 14.5 11.6 17.4

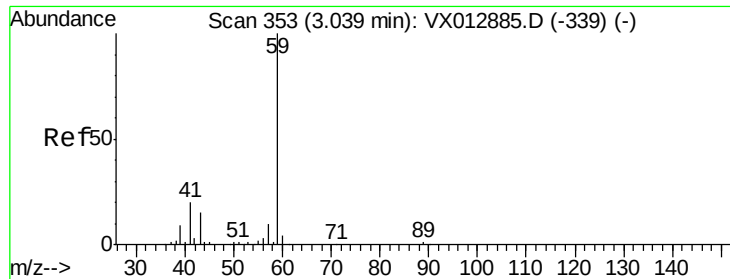


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



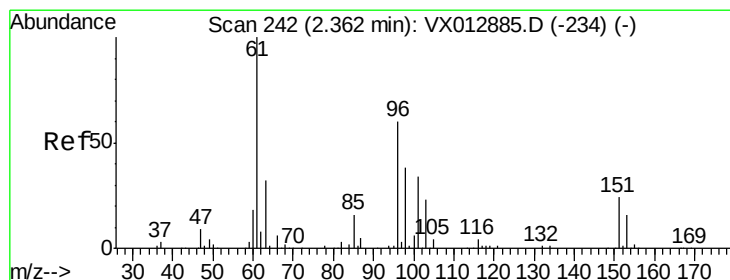
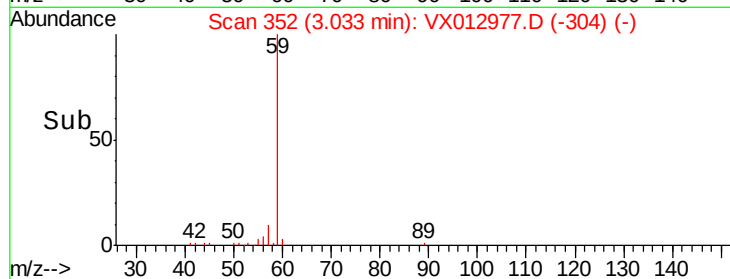
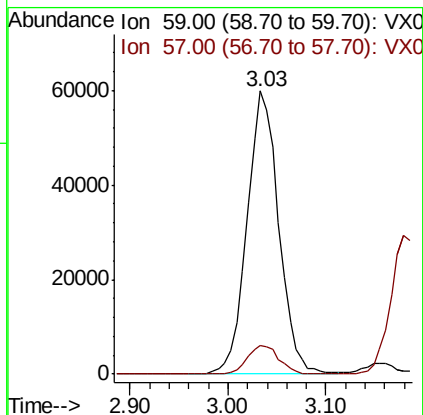
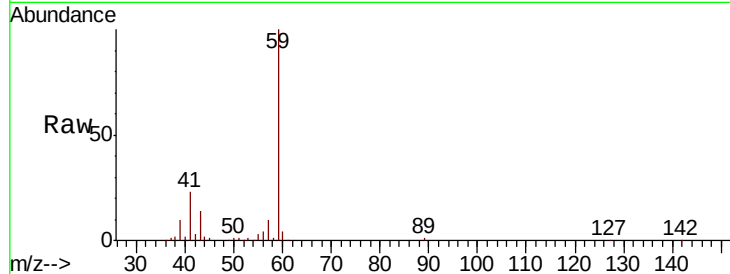


#11

Tert butyl alcohol
Concen: 255.701 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Instrument :
MSVOA_X
ClientSampleId :

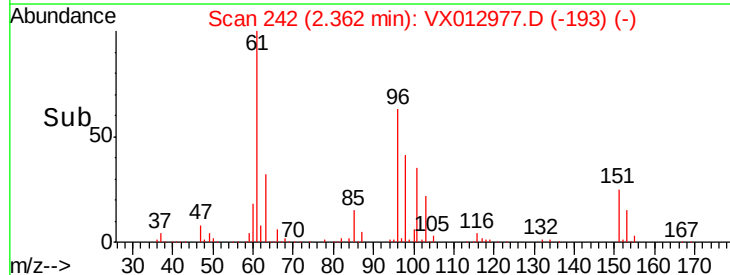
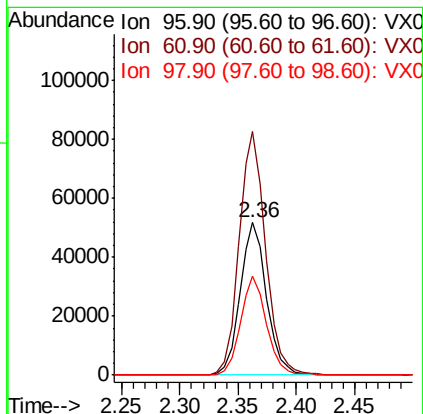
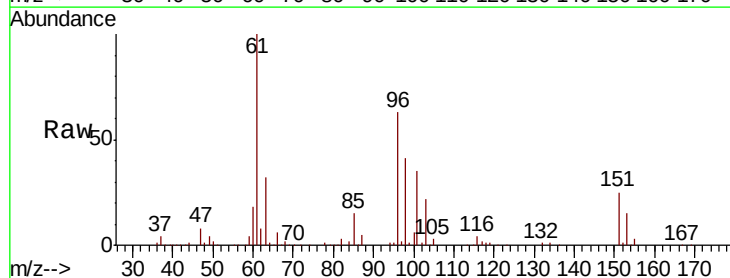
Tot Ion: 59 Resp: 134536
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

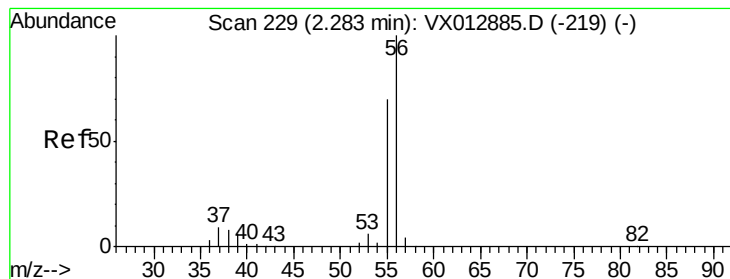


#12

1,1-Dichloroethene
Concen: 50.938 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Tgt Ion: 96 Resp: 81741
Ion Ratio Lower Upper
96 100
61 159.9 132.2 198.4
98 65.3 50.5 75.7





#13

Acrolein

Concen: 225.042 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

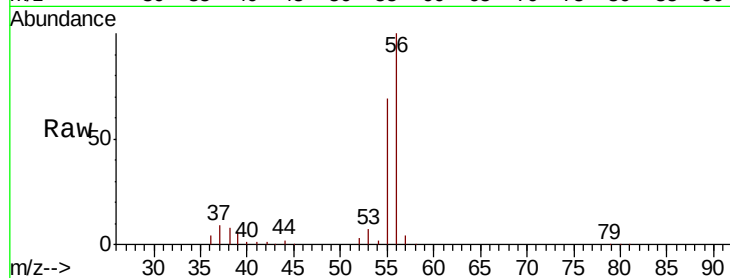
ClientSampleId :

Tot Ion: 56 Resp: 84145

Ion Ratio Lower Upper

56 100

55 70.4 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

60000

50000

40000

30000

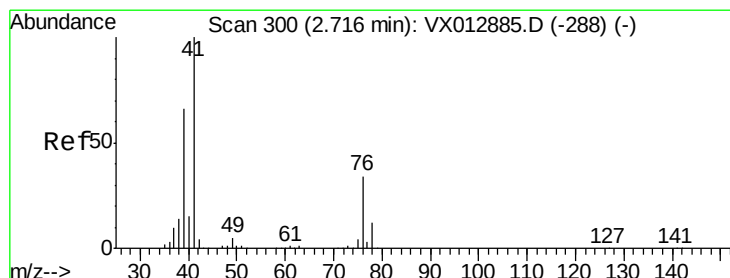
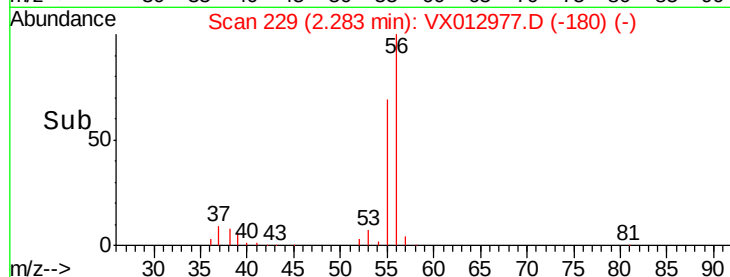
20000

10000

0

Time-->

2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 51.374 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

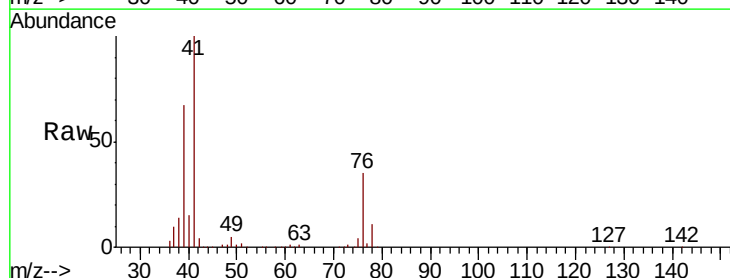
Tgt Ion: 41 Resp: 146818

Ion Ratio Lower Upper

41 100

39 62.8 51.0 76.6

76 32.5 26.2 39.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

100000

80000

60000

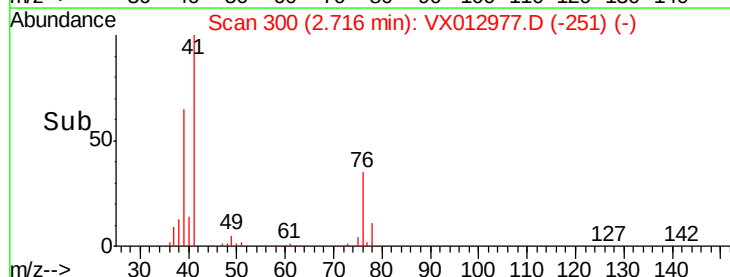
40000

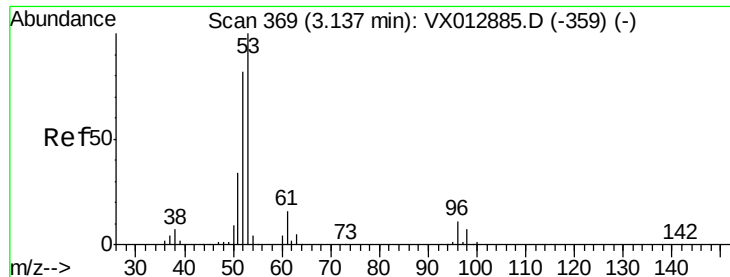
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 280.790 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

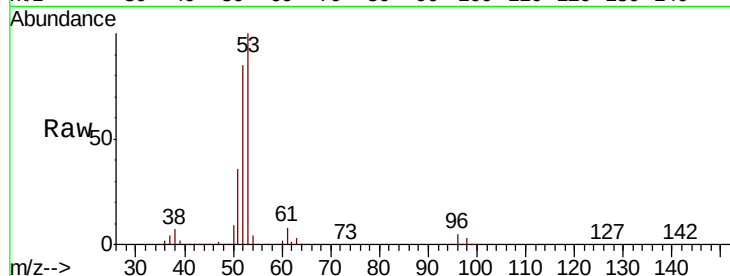
Tot Ion: 53 Resp: 279971

Ion Ratio Lower Upper

53 100

52 82.8 66.2 99.2

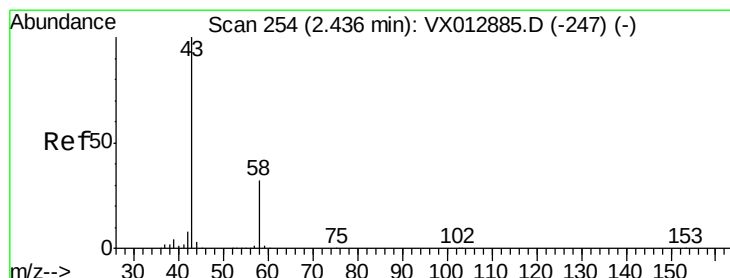
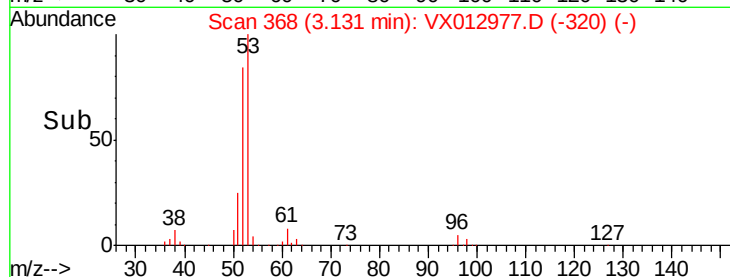
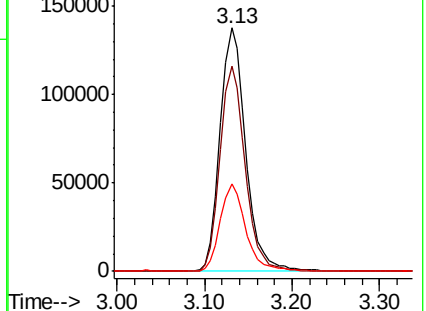
51 36.0 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 233.376 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX012977.D

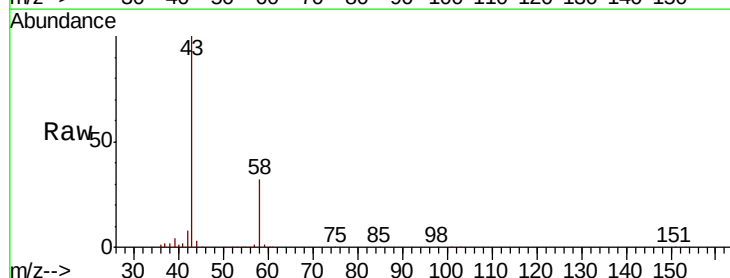
Acq: 10 Oct 2019 05:43

Tgt Ion: 43 Resp: 244152

Ion Ratio Lower Upper

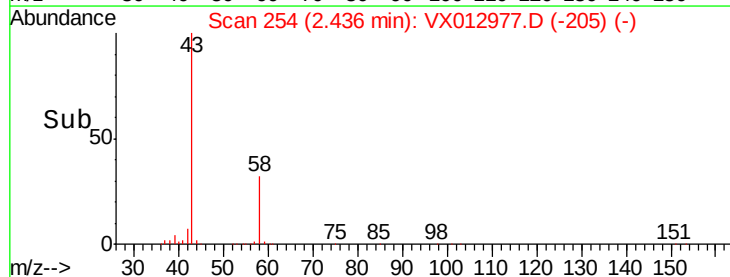
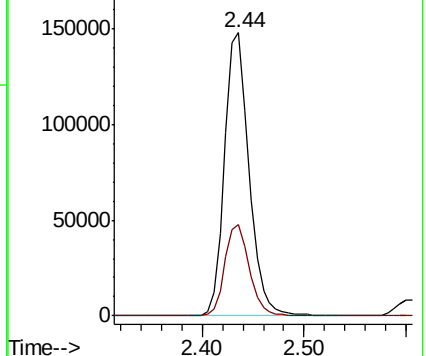
43 100

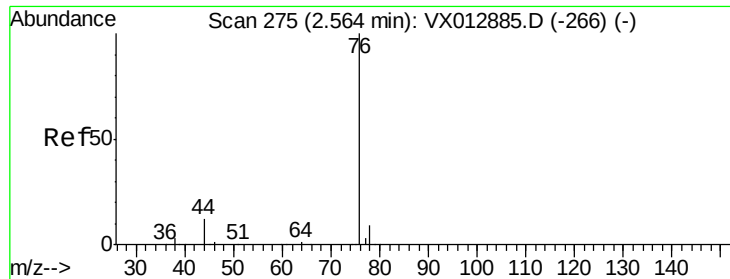
58 32.4 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

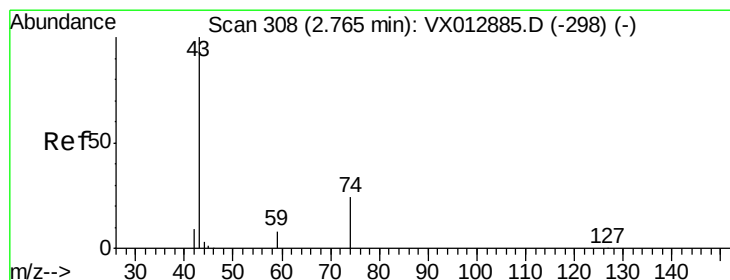
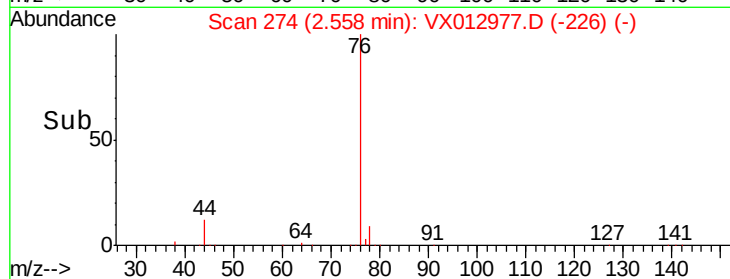
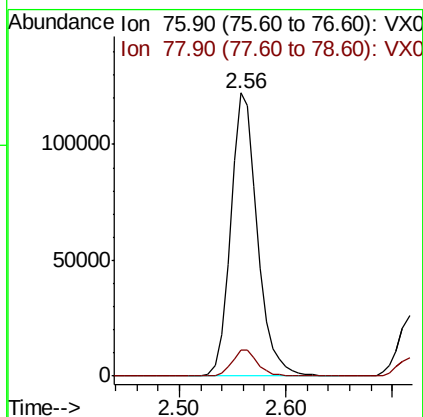
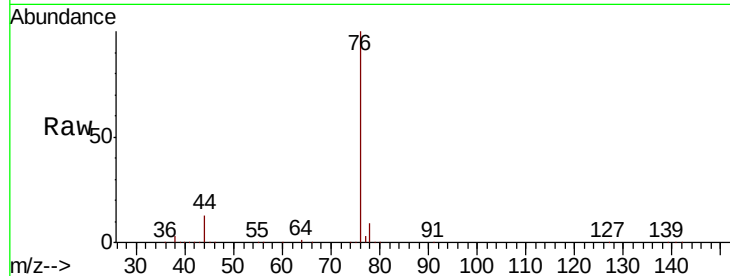




#17
Carbon Disulfide
Concen: 46.822 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

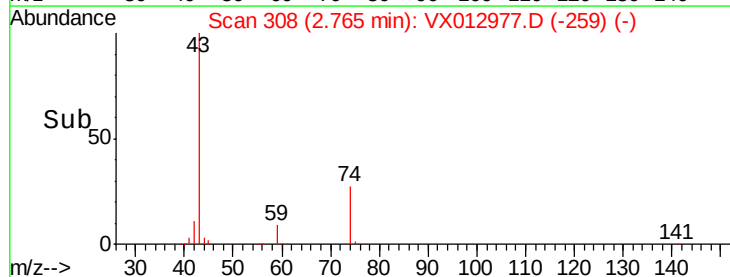
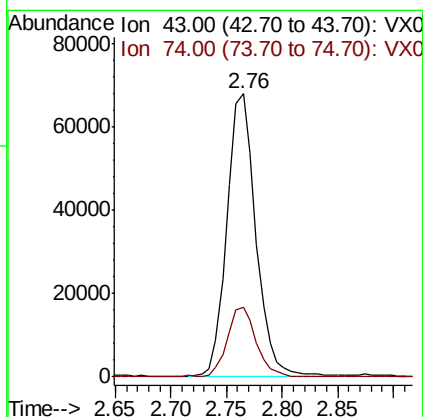
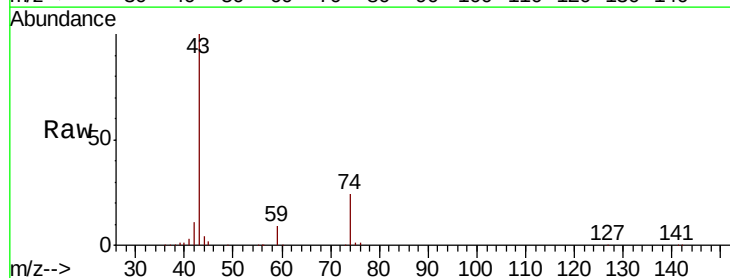
Instrument :
MSVOA_X
ClientSampled :

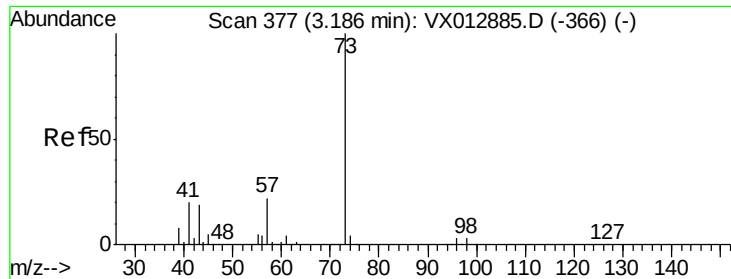
Tot Ion: 76 Resp: 214246
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 49.245 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Tgt Ion: 43 Resp: 122114
Ion Ratio Lower Upper
43 100
74 25.1 19.2 28.8

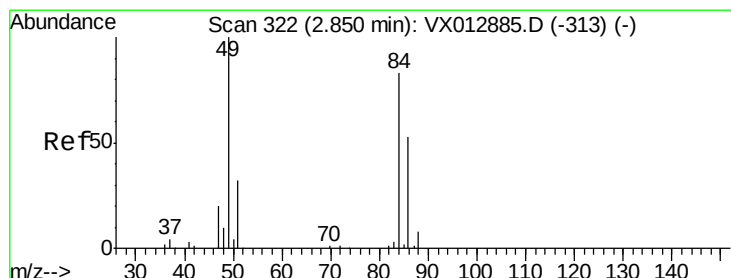
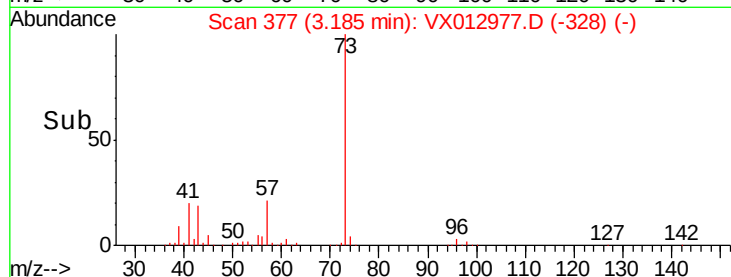
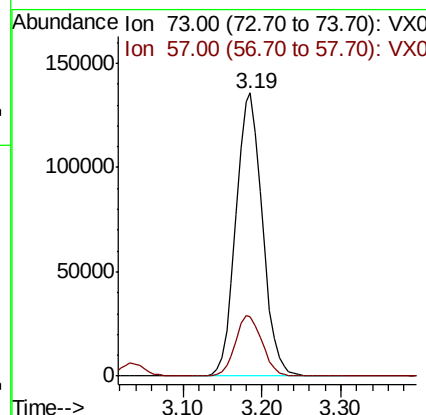
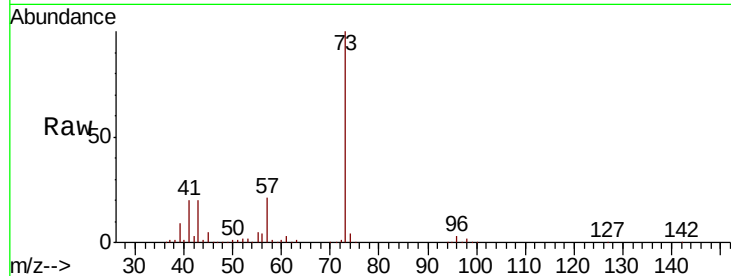




#19
Methyl tert-butyl Ether
Concen: 57.120 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

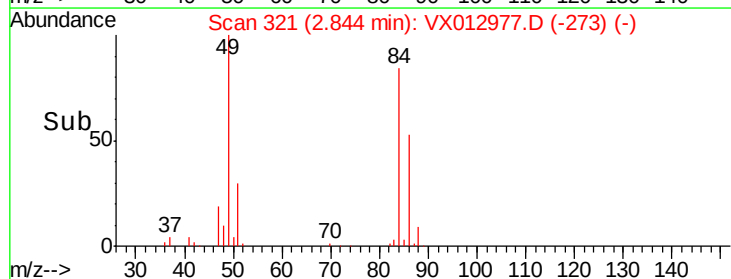
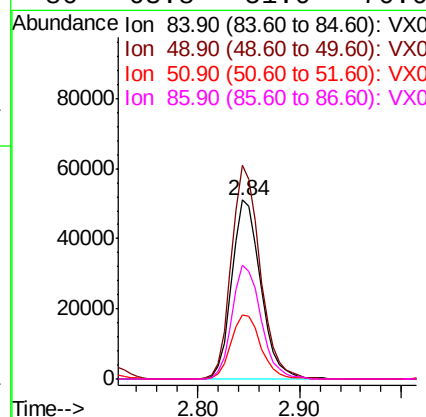
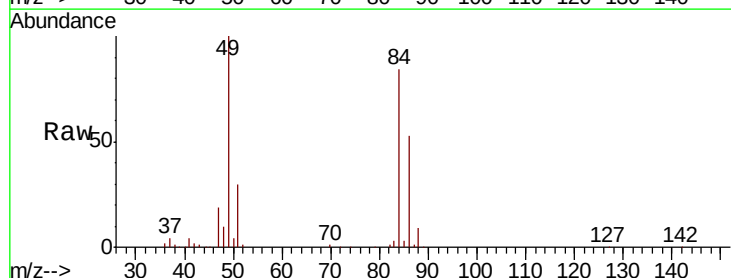
Instrument :
MSVOA_X
ClientSampleId :

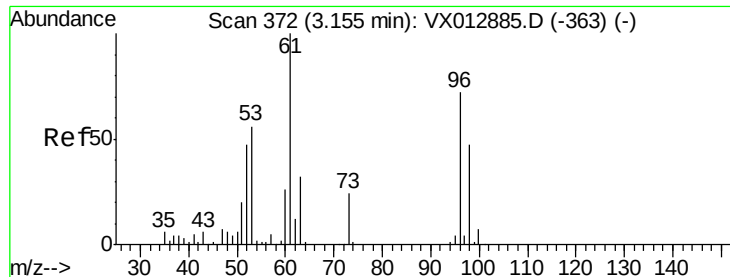
Tot Ion: 73 Resp: 316543
Ion Ratio Lower Upper
73 100
57 20.9 17.8 26.6



#20
Methylene Chloride
Concen: 51.898 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Tgt Ion: 84 Resp: 99782
Ion Ratio Lower Upper
84 100
49 119.4 96.6 144.8
51 36.0 30.7 46.1
86 63.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 52.720 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampled :

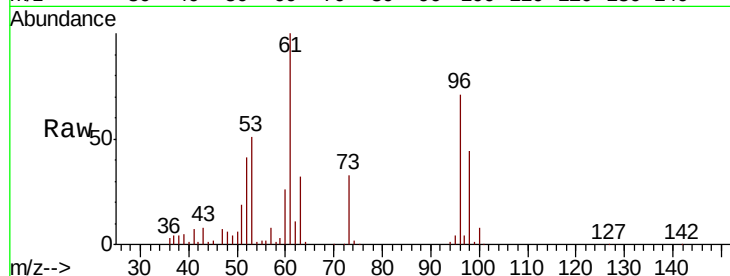
Tot Ion: 96 Resp: 90678

Ion Ratio Lower Upper

96 100

61 140.7 110.4 165.6

98 61.5 51.5 77.3

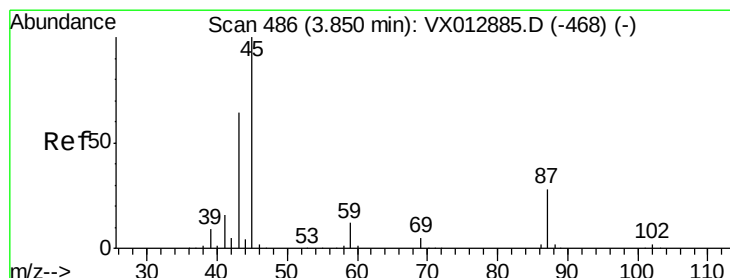
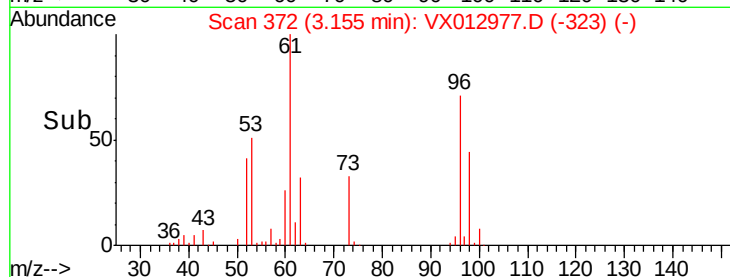
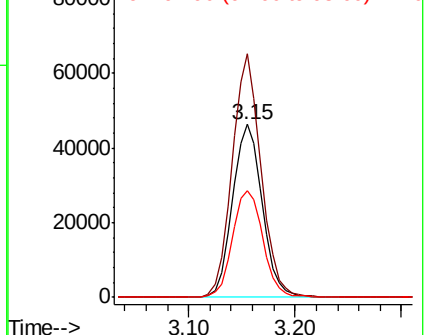


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 55.976 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Tgt Ion: 45 Resp: 306530

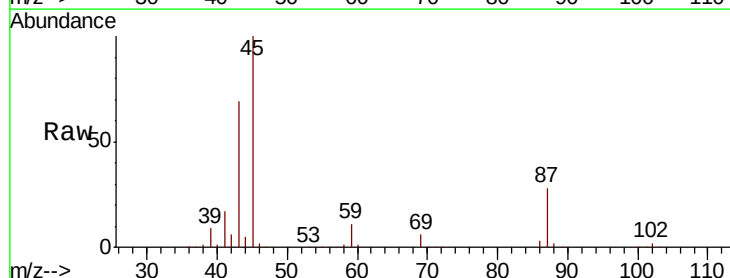
Ion Ratio Lower Upper

45 100

43 68.6 51.4 77.0

87 28.0 22.5 33.7

59 11.2 9.7 14.5



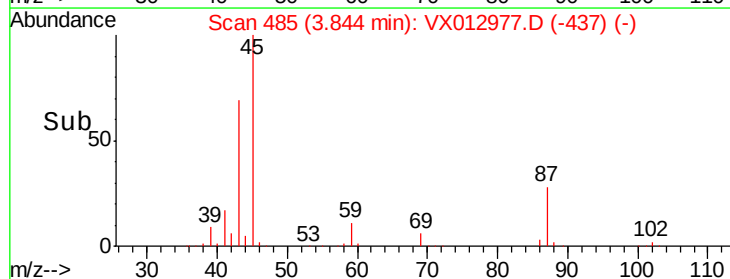
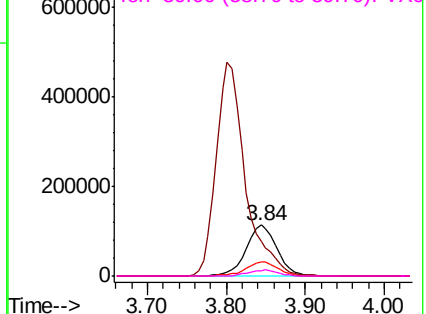
Abundance

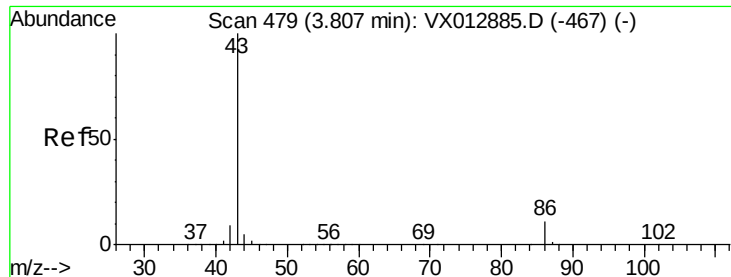
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 259.817 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

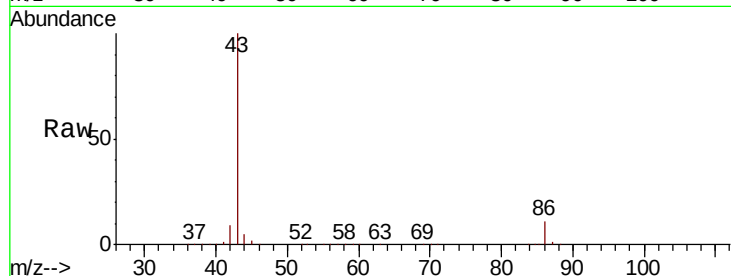
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1228249

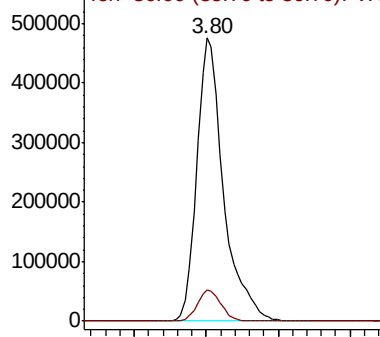
Ion Ratio Lower Upper

43 100

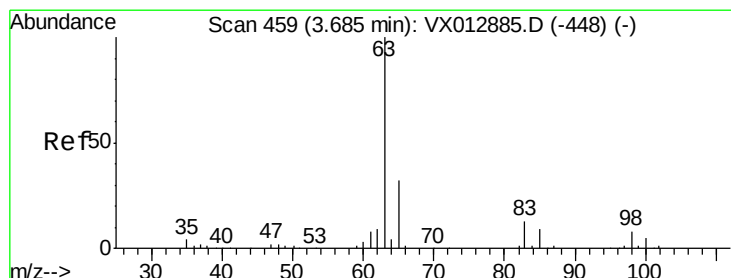
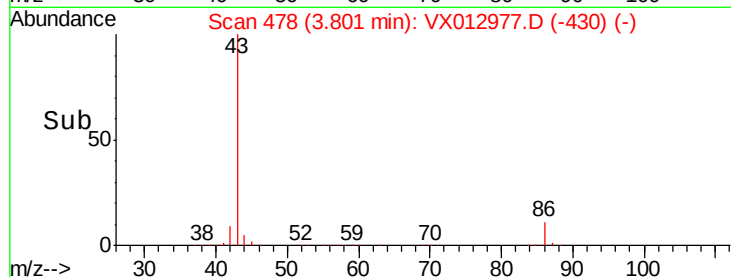
86 10.9 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 54.893 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

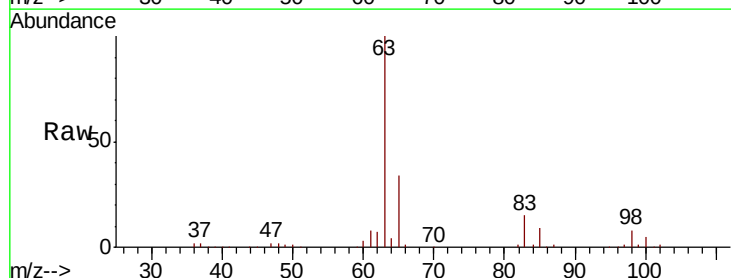
Tgt Ion: 63 Resp: 169110

Ion Ratio Lower Upper

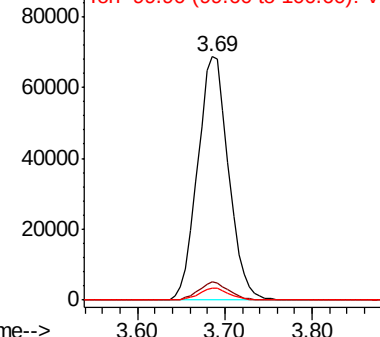
63 100

98 7.6 3.9 11.5

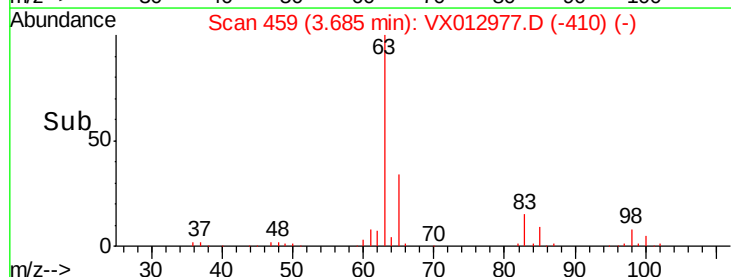
100 5.1 2.3 6.9

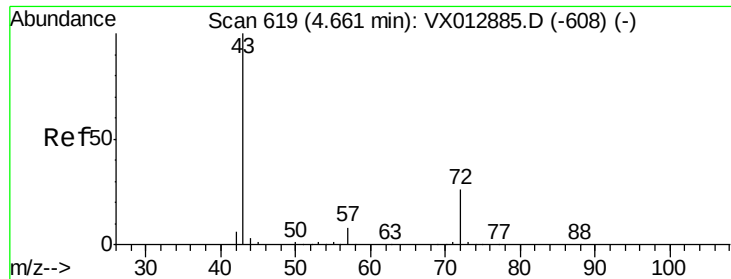


Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 265.717 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

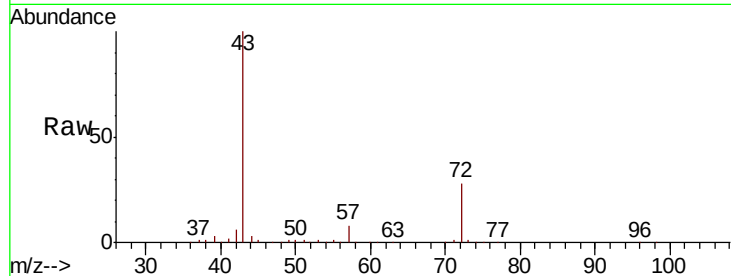
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 385667

Ion Ratio Lower Upper

43 100

72 27.8 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

100000

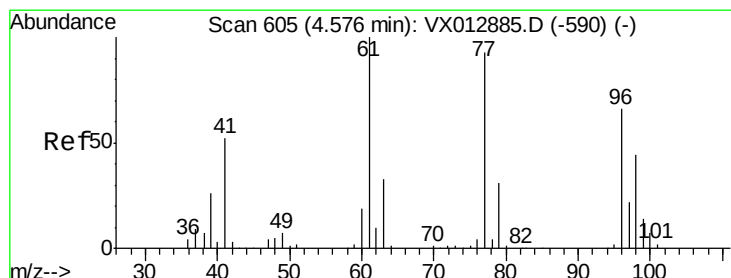
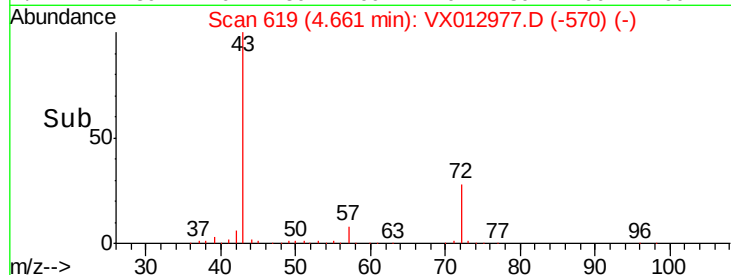
50000

0

4.66

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 35.582 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012977.D

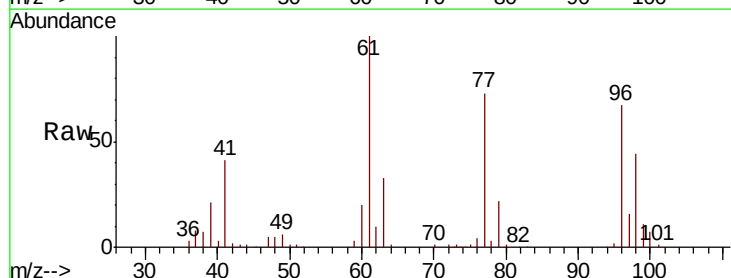
Acq: 10 Oct 2019 05:43

Tgt Ion: 77 Resp: 92179

Ion Ratio Lower Upper

77 100

97 24.0 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

20000

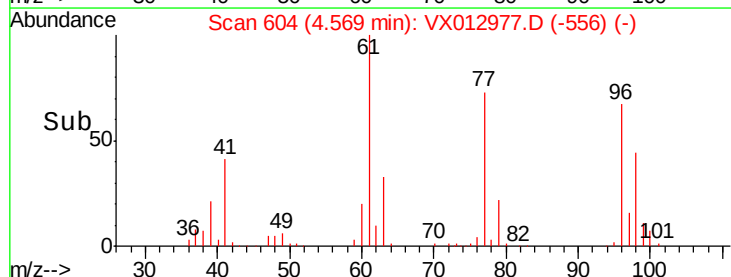
10000

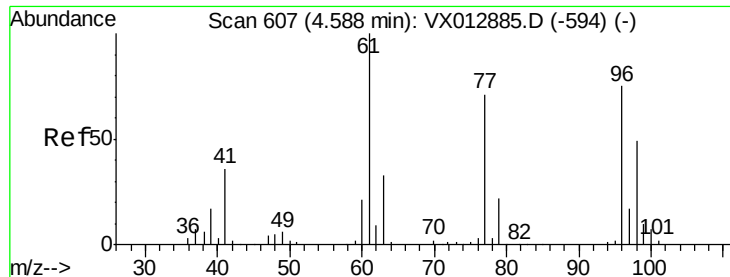
0

4.57

4.50 4.60 4.70

Time-->



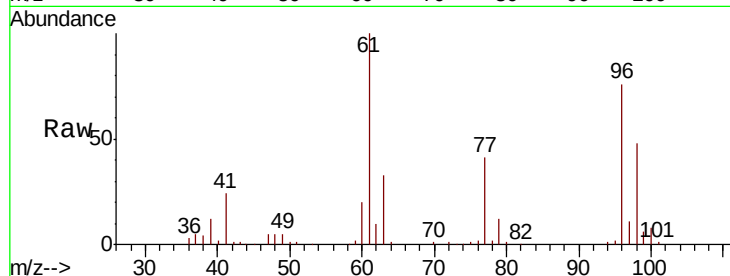


#27

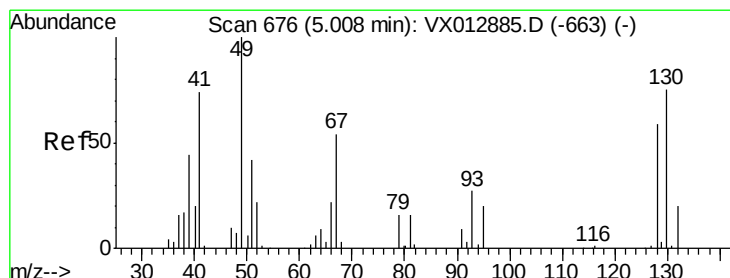
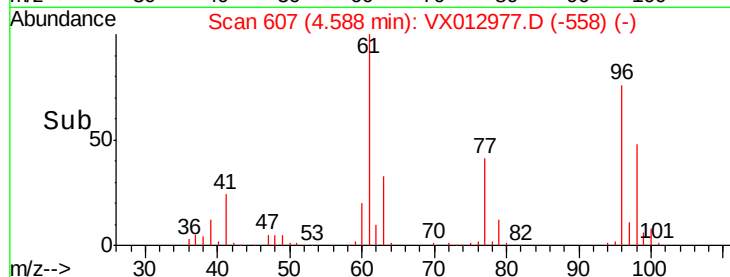
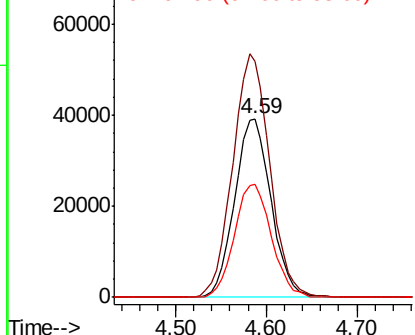
cis-1,2-Dichloroethene
Concen: 55.084 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.8	0.0	290.6
98	64.4	0.0	128.8



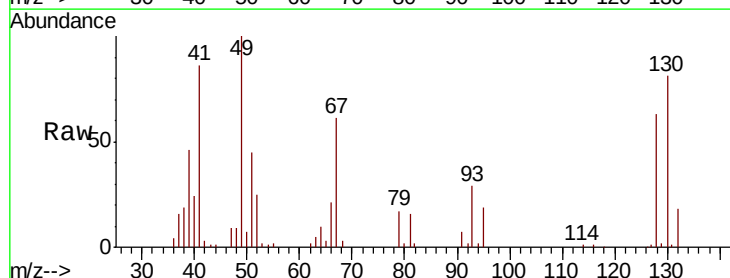
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



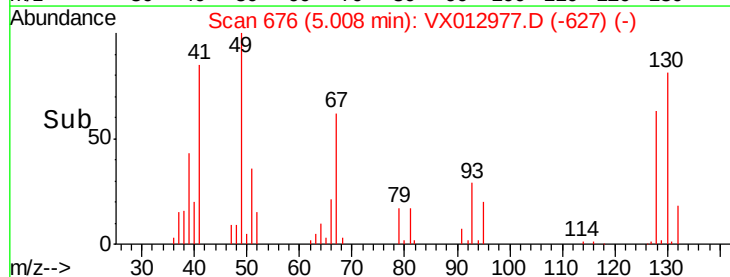
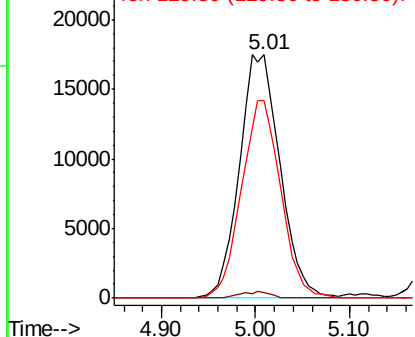
#28

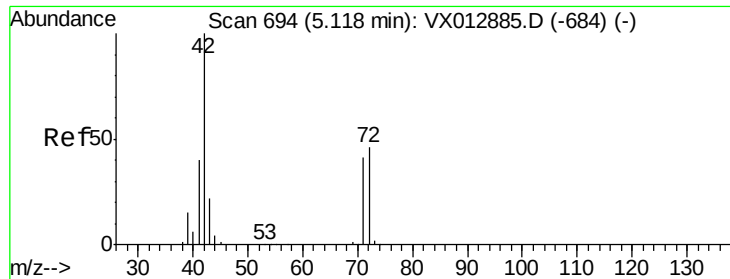
Bromochloromethane
Concen: 57.587 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.2
130	78.1	62.1	93.1



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

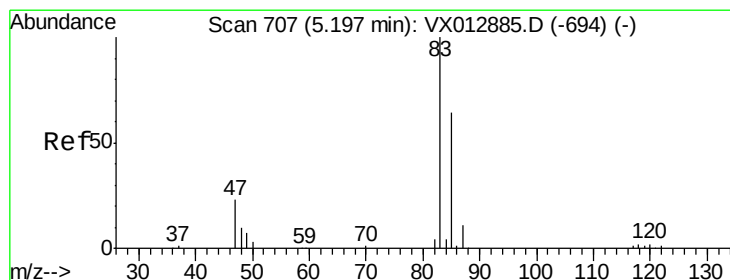
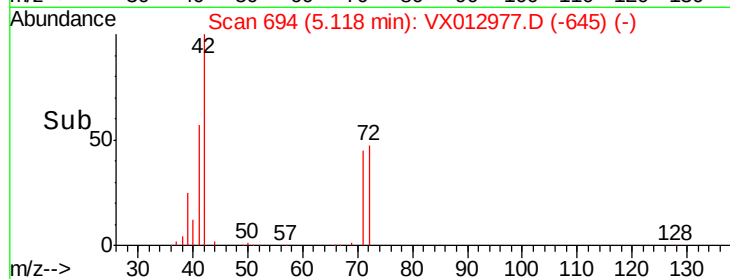
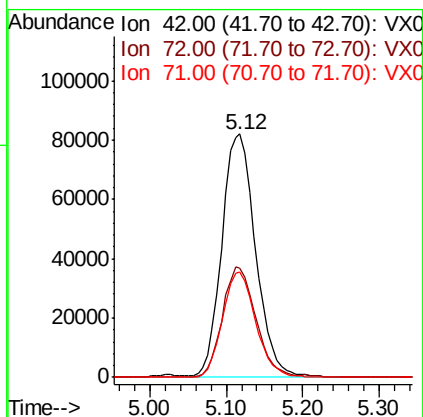
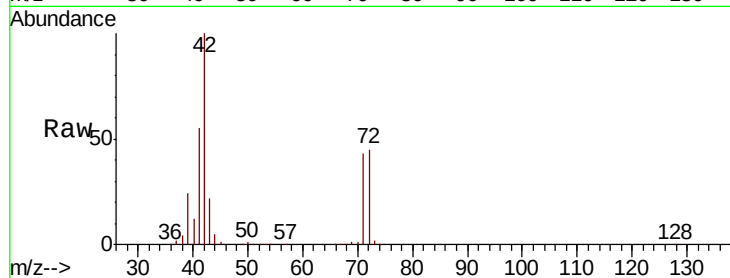




#29
Tetrahydrofuran
Concen: 278.661 ug/l
RT: 5.12 min Scan# 694
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

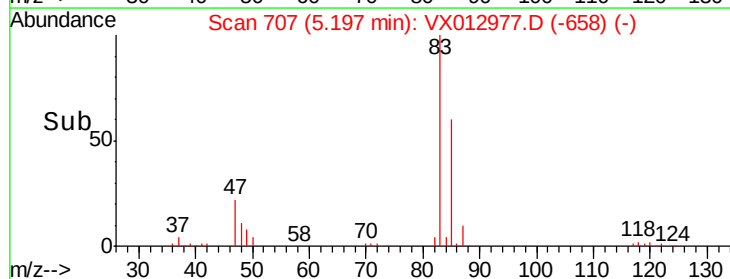
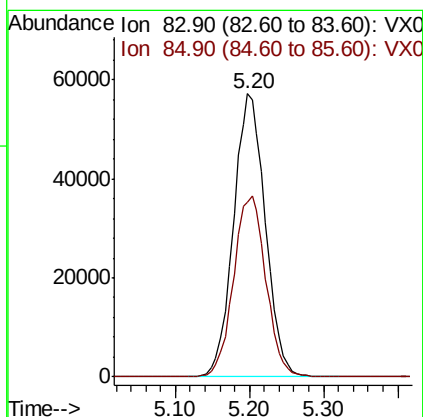
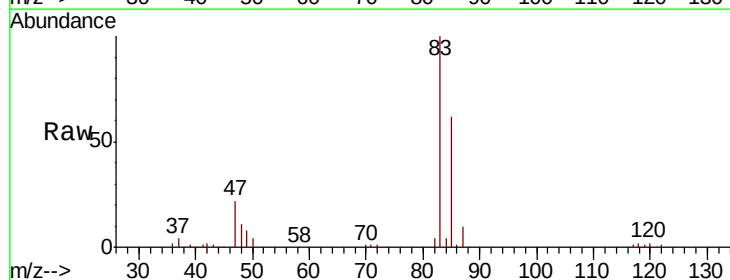
Instrument :
MSVOA_X
ClientSampleId :

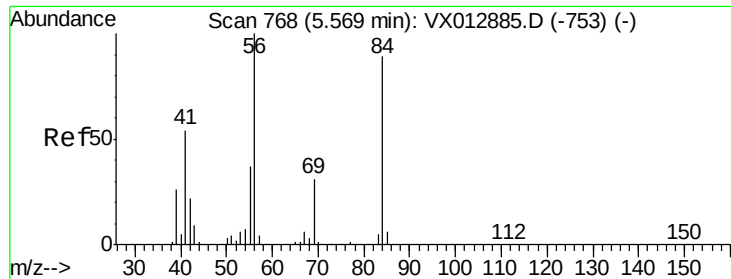
Tot Ion: 42 Resp: 248887
Ion Ratio Lower Upper
42 100
72 45.8 36.9 55.3
71 42.9 33.5 50.3



#30
Chloroform
Concen: 53.949 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Tgt Ion: 83 Resp: 170536
Ion Ratio Lower Upper
83 100
85 61.8 51.5 77.3

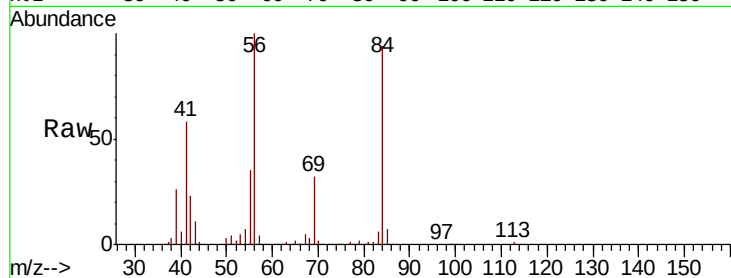




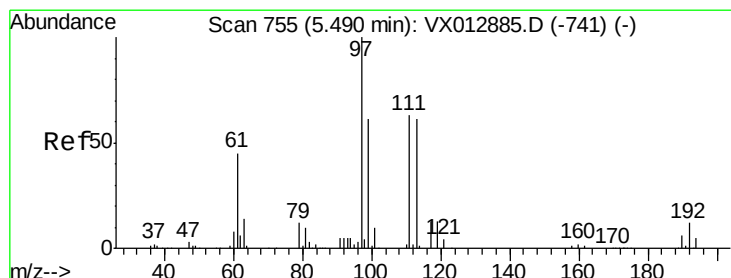
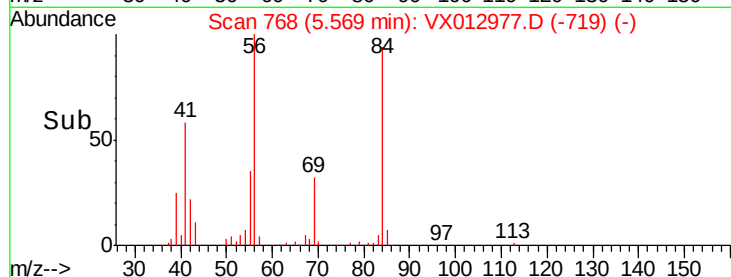
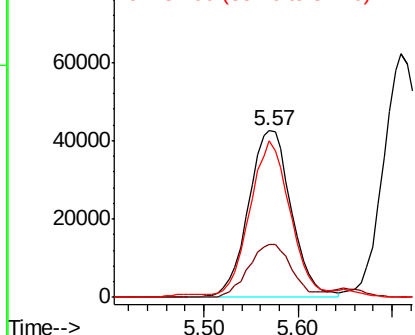
#31
Cyclohexane
Concen: 47.063 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 135575
Ion Ratio Lower Upper
56 100
69 31.9 25.2 37.8
84 92.1 71.3 106.9

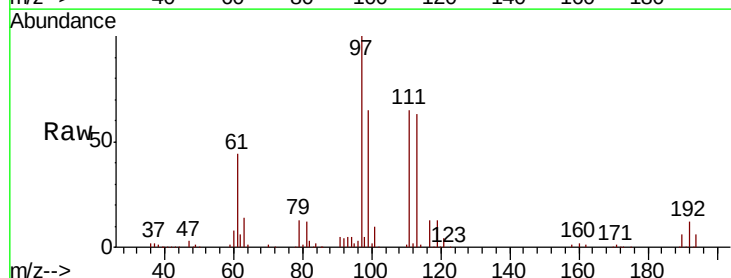


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

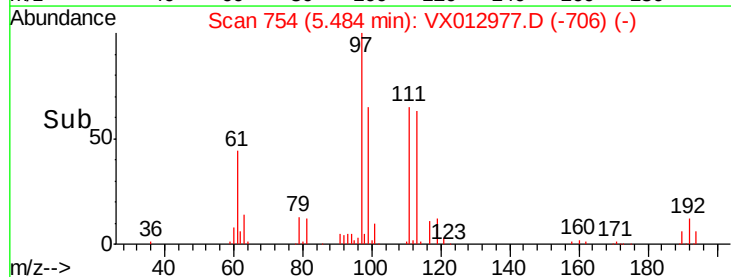
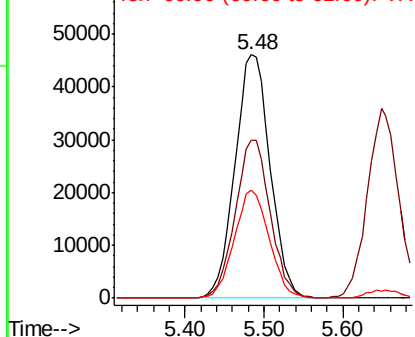


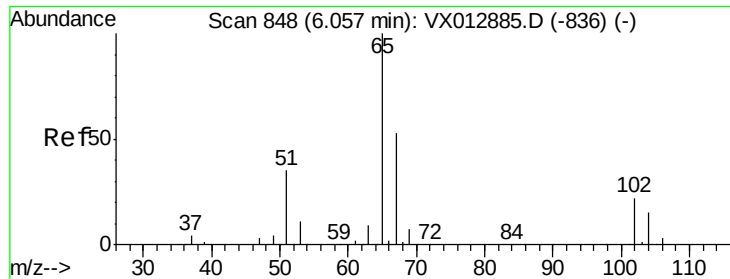
#32
1,1,1-Trichloroethane
Concen: 53.317 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Tgt Ion: 97 Resp: 142803
Ion Ratio Lower Upper
97 100
99 64.5 52.3 78.5
61 44.0 35.0 52.4



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

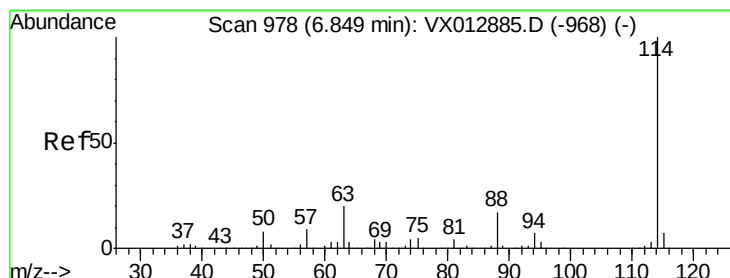
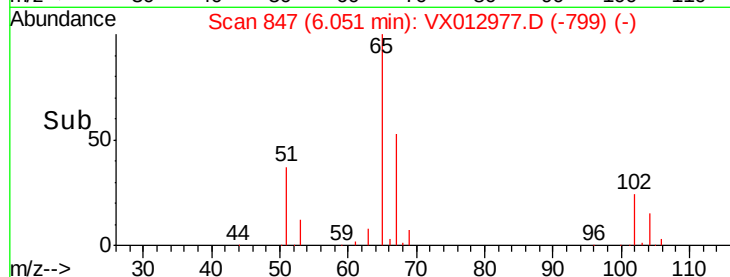
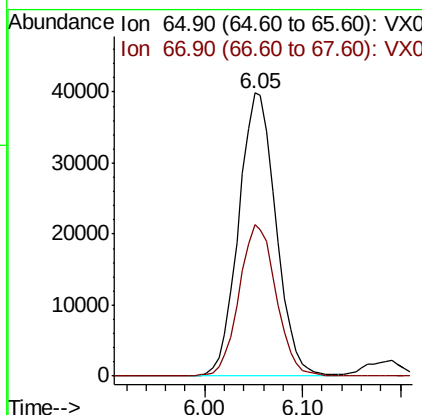
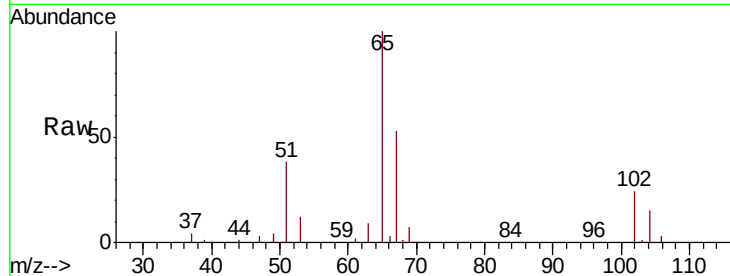




#33
 1,2-Dichloroethane-d4
 Concen: 53.142 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

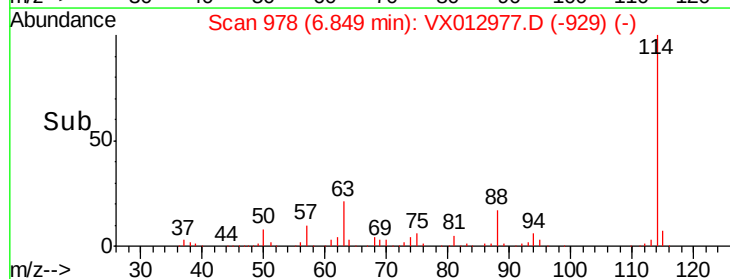
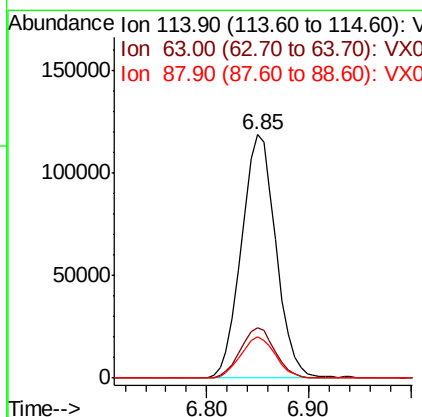
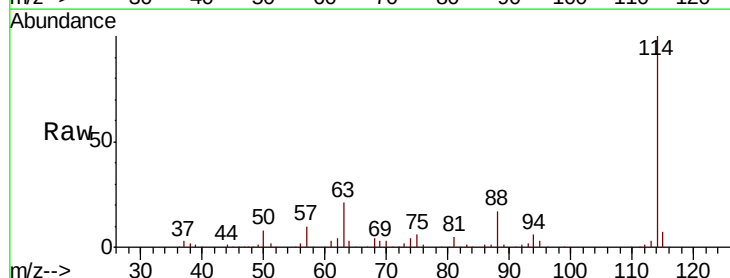
Instrument :
 MSVOA_X
 ClientSampleId :

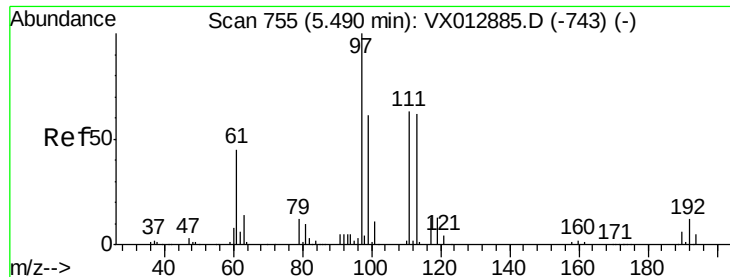
Tot Ion: 65 Resp: 105475
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

Tgt Ion: 114 Resp: 279445
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.8
 88 16.9 0.0 33.8

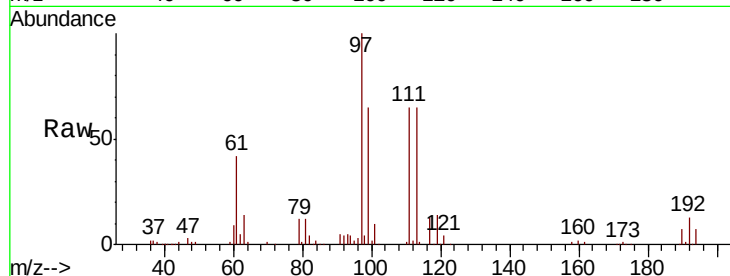




#35
 Dibromofluoromethane
 Concen: 52.594 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.2	124.8
192	19.7	15.4	23.2

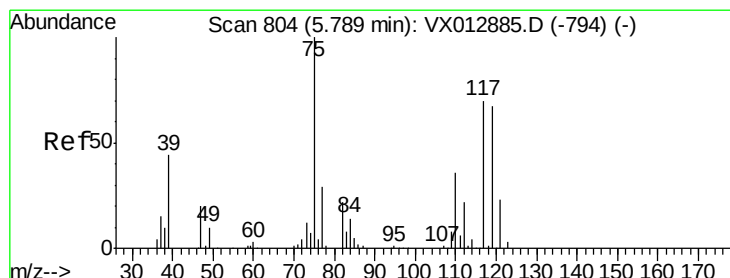
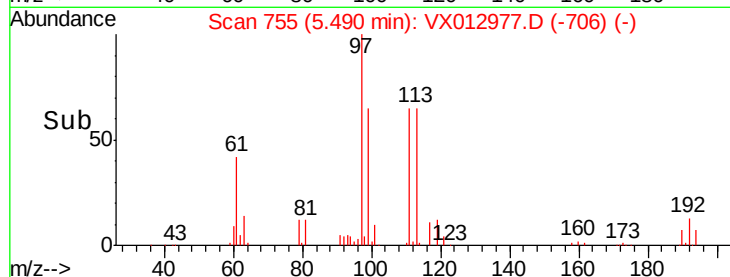
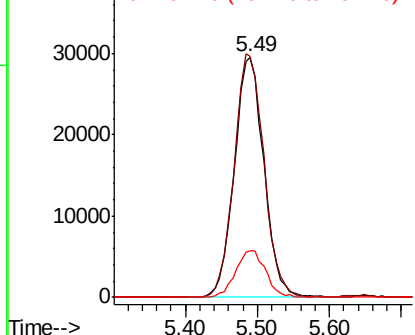


Abundance

Ion 112.80 (112.50 to 113.50): V

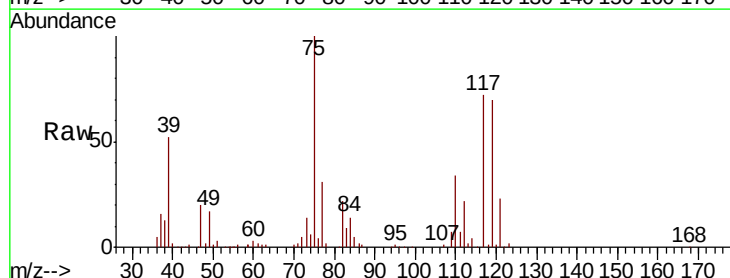
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 48.516 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.6	52.9
77	30.2	24.4	36.6

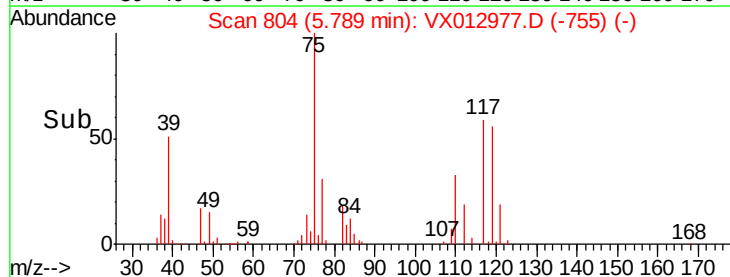
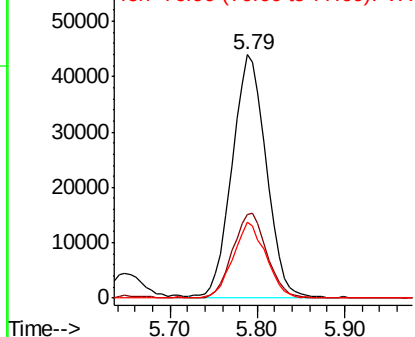


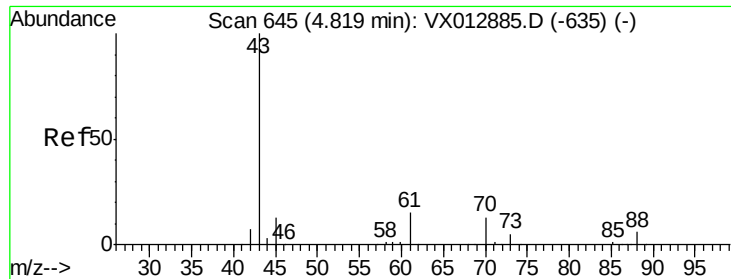
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

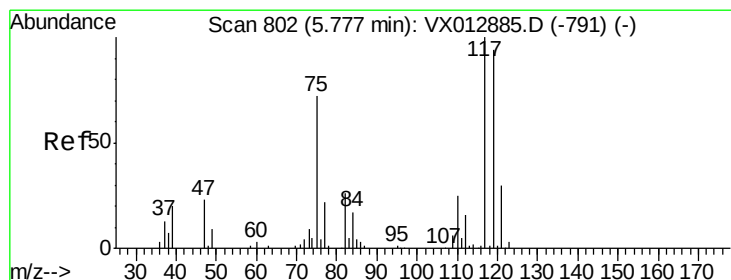
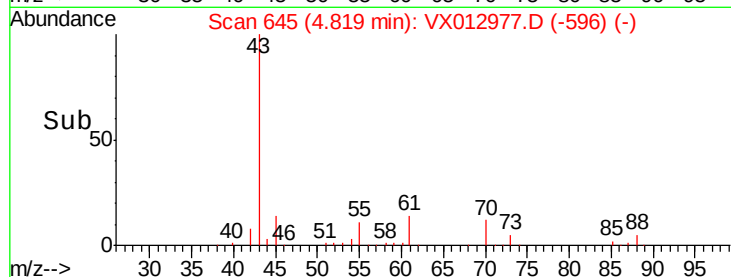
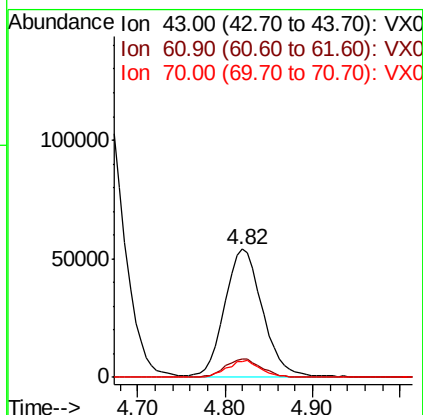
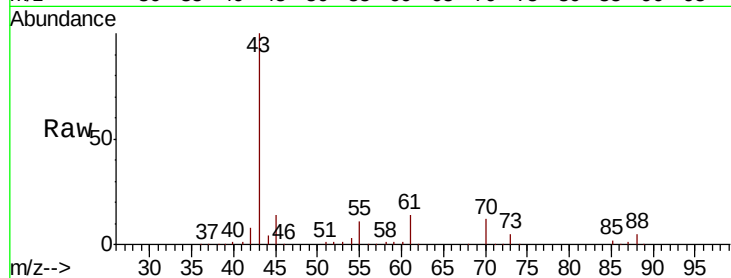




#37
Ethyl Acetate
Concen: 58.146 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

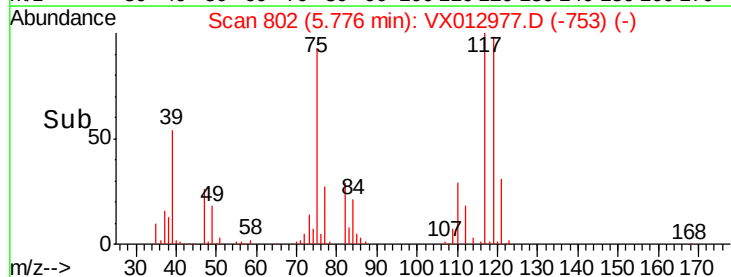
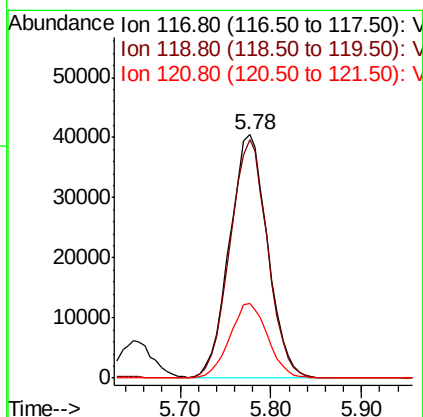
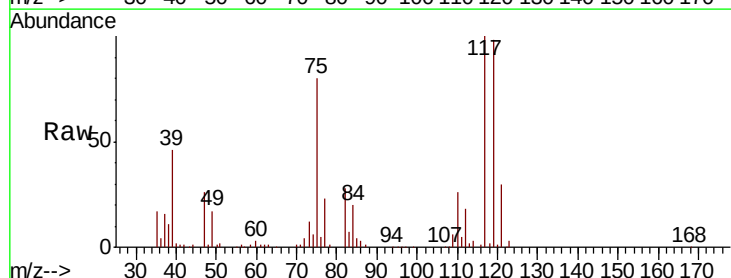
Instrument :
MSVOA_X
ClientSampled :

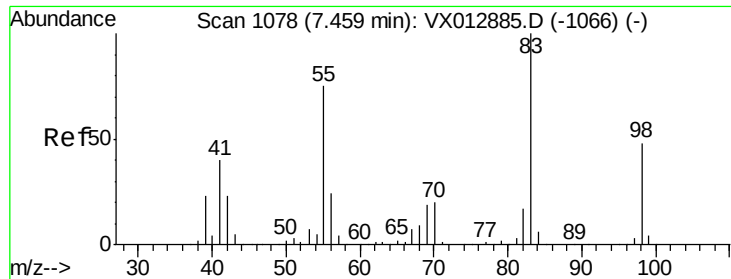
Tot Ion: 43 Resp: 159744
Ion Ratio Lower Upper
43 100
61 14.4 11.4 17.0
70 12.0 9.8 14.6



#38
Carbon Tetrachloride
Concen: 49.463 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Tgt Ion: 117 Resp: 118286
Ion Ratio Lower Upper
117 100
119 98.0 74.5 111.7
121 30.4 24.2 36.4

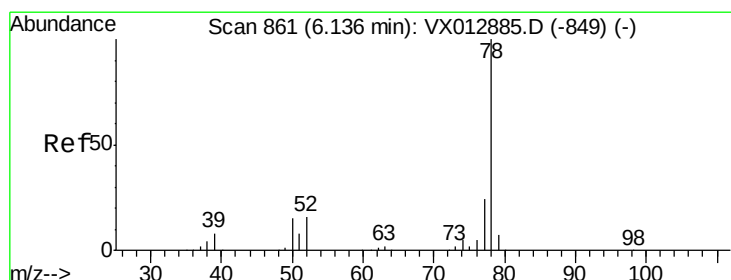
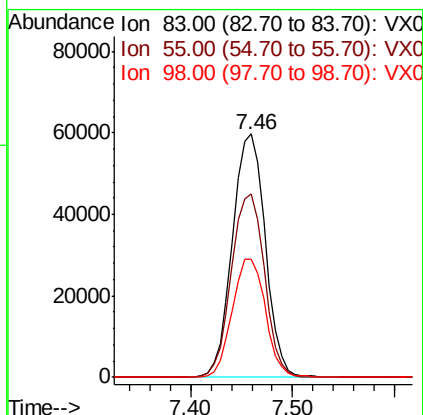
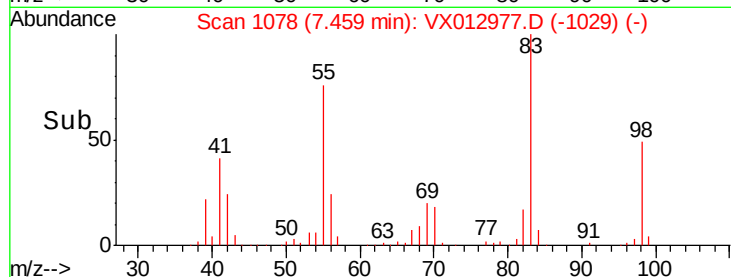
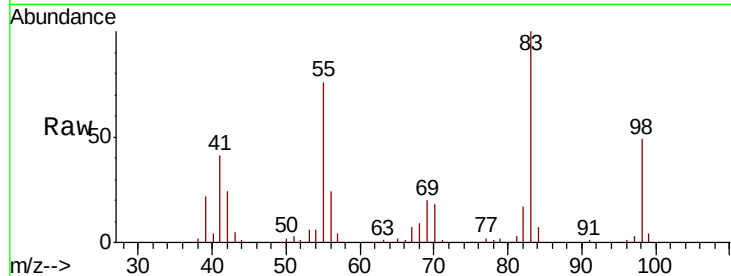




#39
Methylvlcyclohexane
Concen: 44.782 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

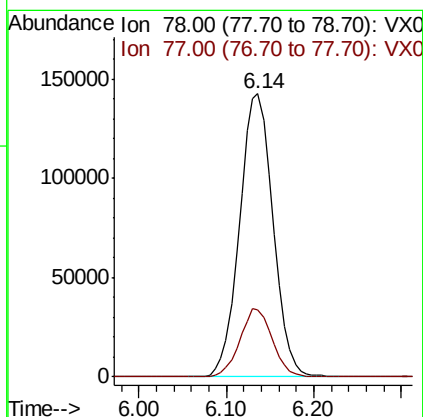
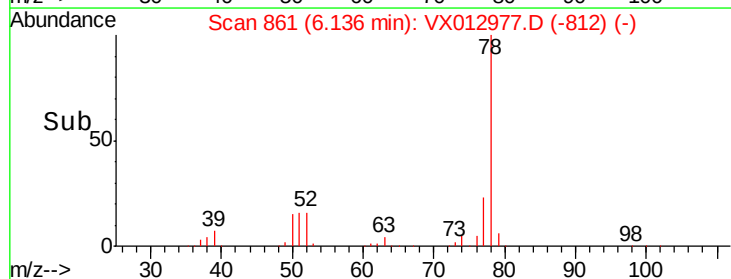
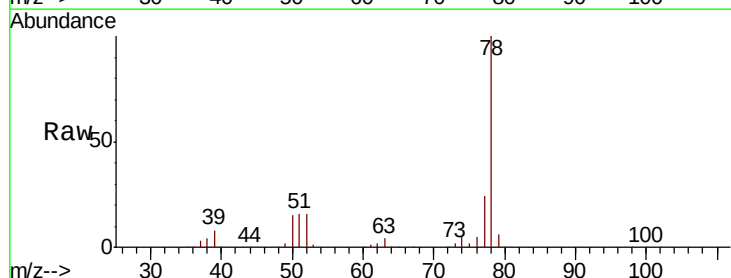
Instrument :
MSVOA_X
ClientSampleId :

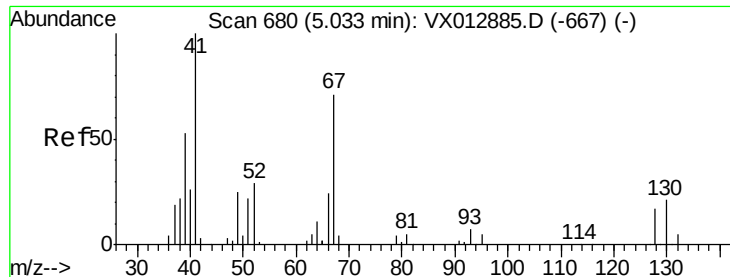
Tot Ion: 83 Resp: 133431
Ion Ratio Lower Upper
83 100
55 75.6 60.2 90.4
98 48.6 38.5 57.7



#40
Benzene
Concen: 52.208 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Tgt Ion: 78 Resp: 378848
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

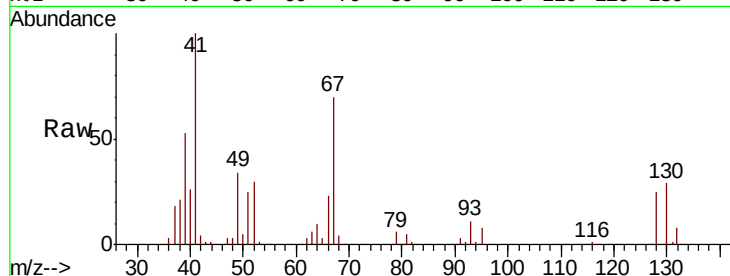




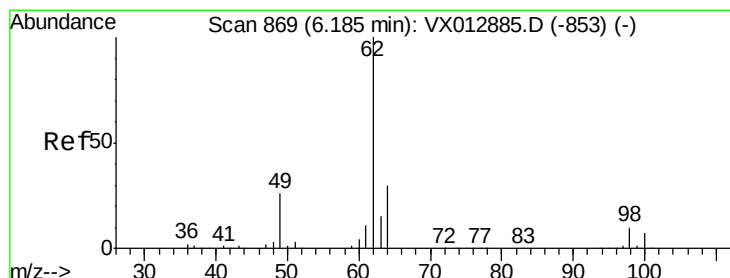
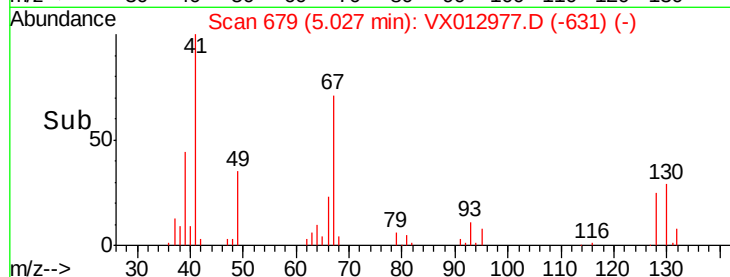
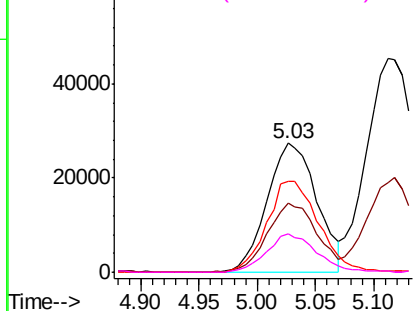
#41
Methacrylonitrile
Concen: 53.985 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	81495
Ion	Ratio	Lower	Upper
41	100		
39	53.2	44.0	66.0
67	73.5	58.5	87.7
52	30.0	23.8	35.8

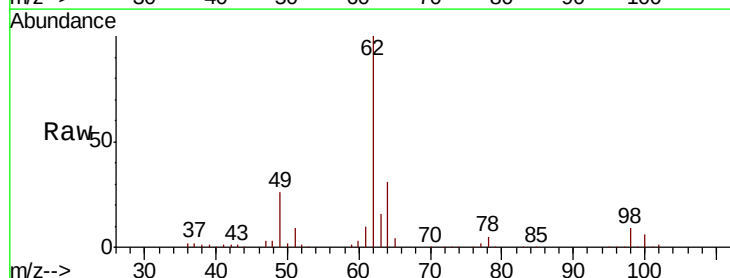


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

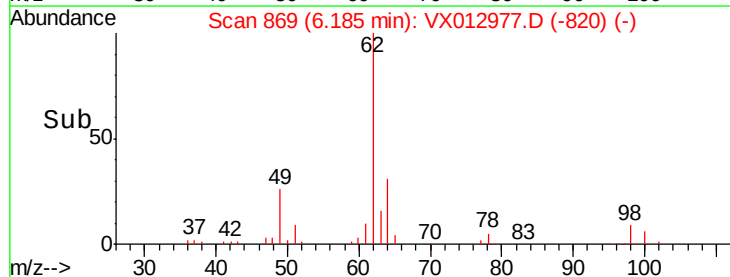
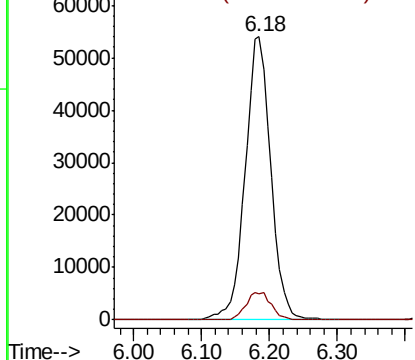


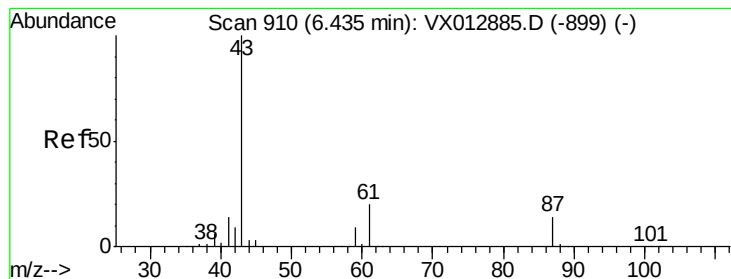
#42
1,2-Dichloroethane
Concen: 54.299 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Tgt Ion:	62	Resp:	141385
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.4



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





#43

Isopropyl Acetate

Concen: 51.750 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

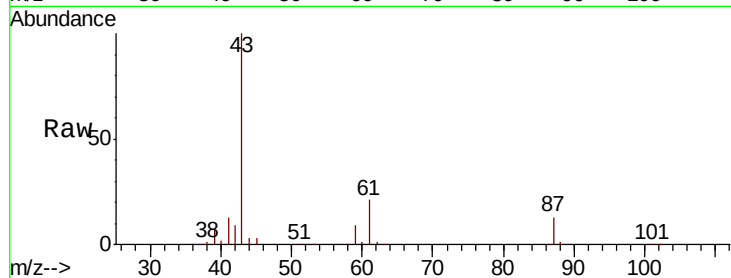
Tot Ion: 43 Resp: 228191

Ion Ratio Lower Upper

43 100

61 20.9 16.6 24.8

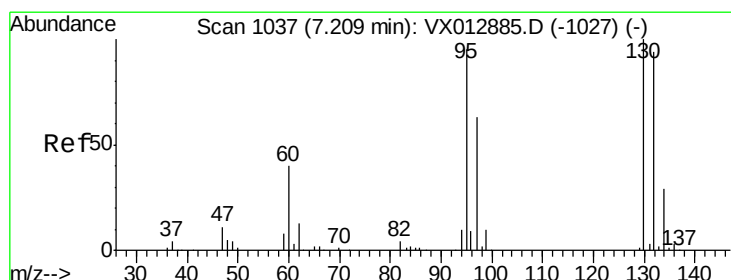
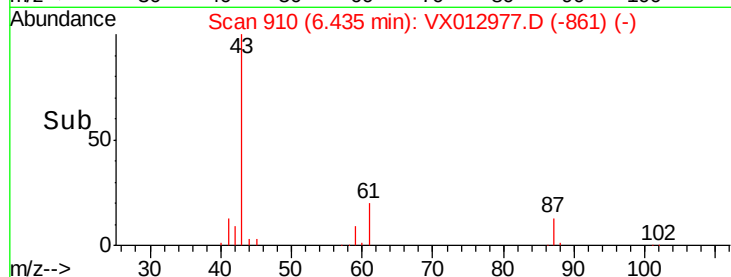
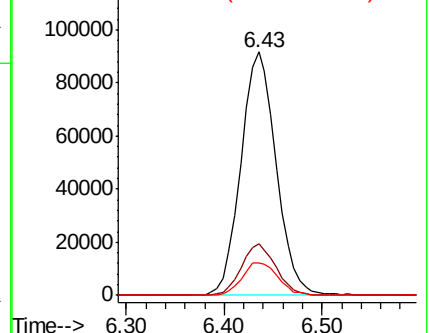
87 13.9 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 48.820 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX012977.D

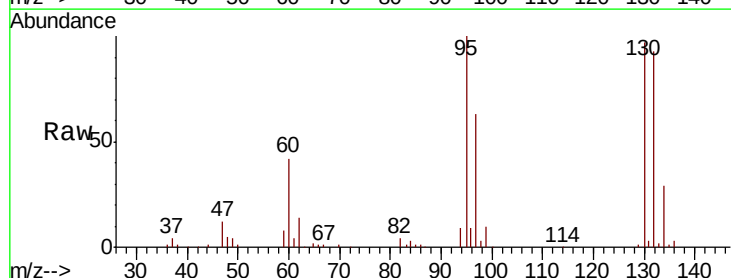
Acq: 10 Oct 2019 05:43

Tgt Ion:130 Resp: 98238

Ion Ratio Lower Upper

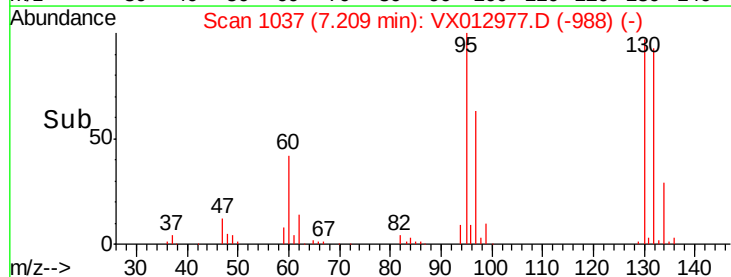
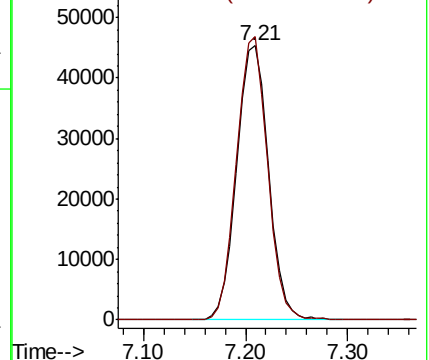
130 100

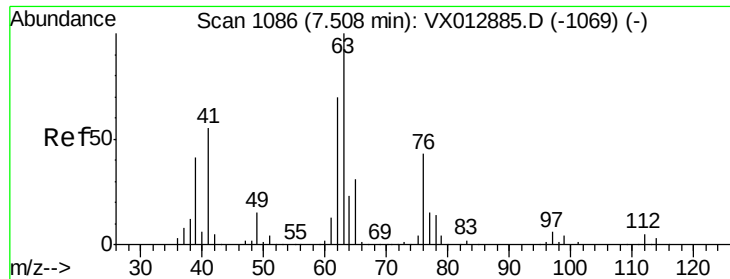
95 103.3 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

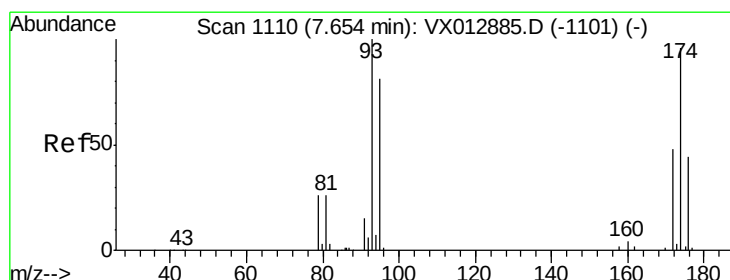
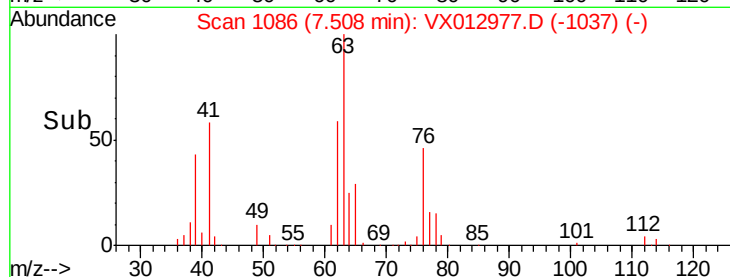
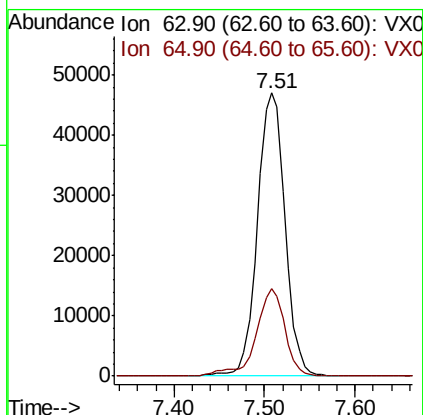
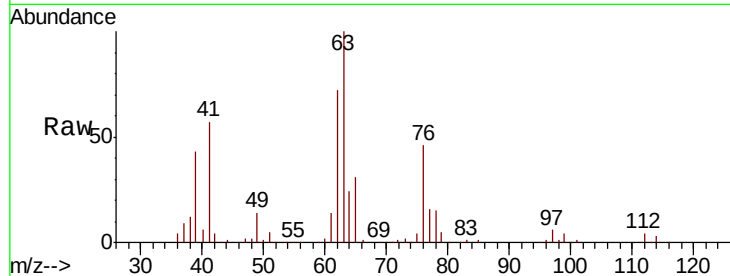




#45
 1,2-Dichloropropane
 Concen: 53.454 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

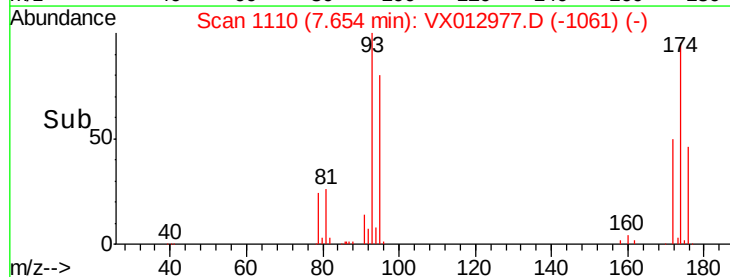
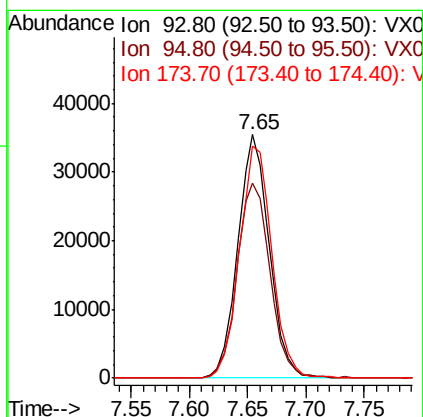
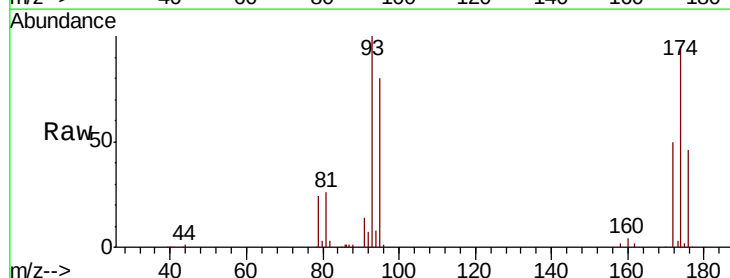
Instrument :
 MSVOA_X
 ClientSampled :

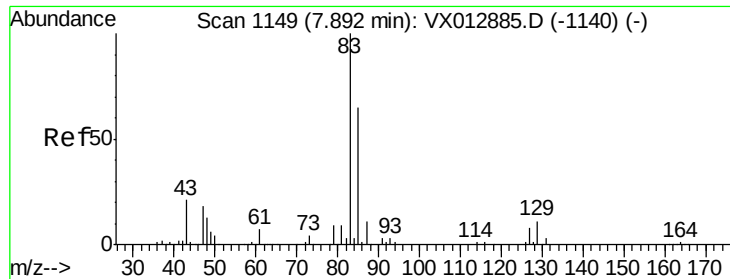
Tot Ion: 63 Resp: 98860
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.6 37.0



#46
 Dibromomethane
 Concen: 54.068 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

Tgt Ion: 93 Resp: 66623
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.3 99.5
 174 98.4 77.8 116.6





#47

Bromodichloromethane

Concen: 54.286 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :
MSVOA_X
ClientSampleId :

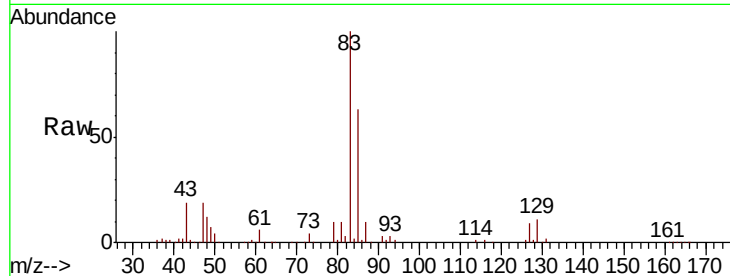
Tot Ion: 83 Resp: 130540

Ion Ratio Lower Upper

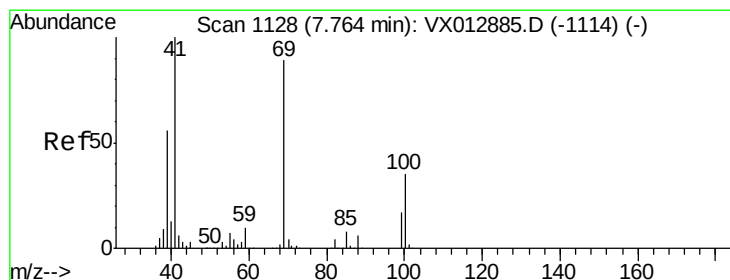
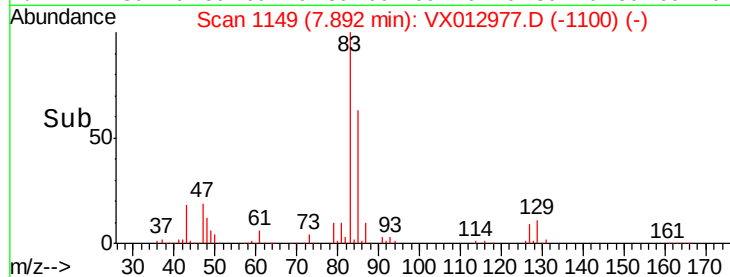
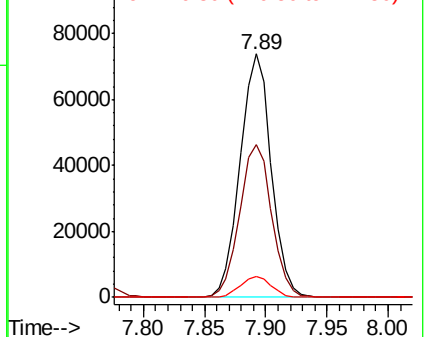
83 100

85 62.8 52.4 78.6

127 8.6 6.6 10.0



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



#48

Methyl methacrylate

Concen: 54.331 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

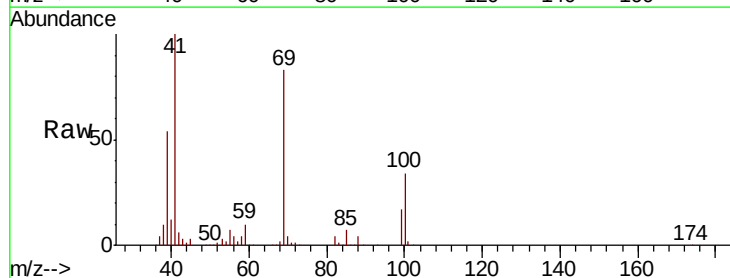
Tgt Ion: 41 Resp: 116746

Ion Ratio Lower Upper

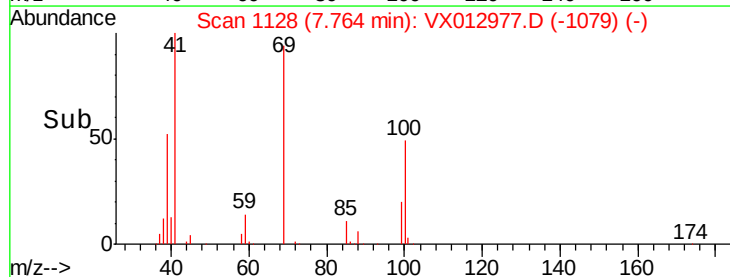
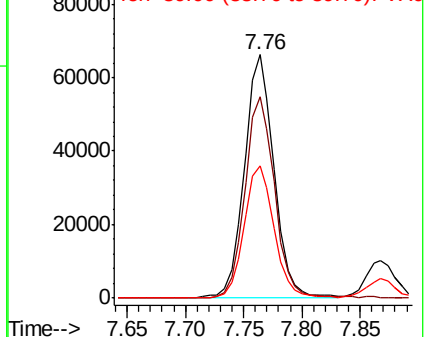
41 100

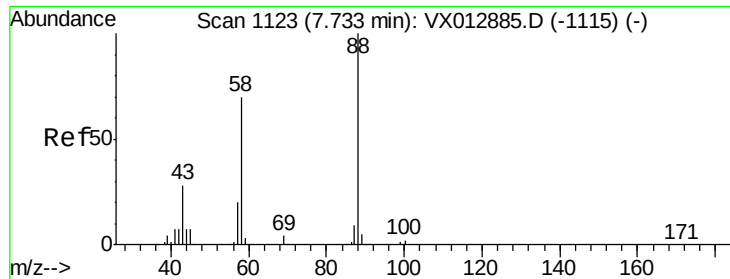
69 83.8 68.7 103.1

39 55.6 44.3 66.5



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

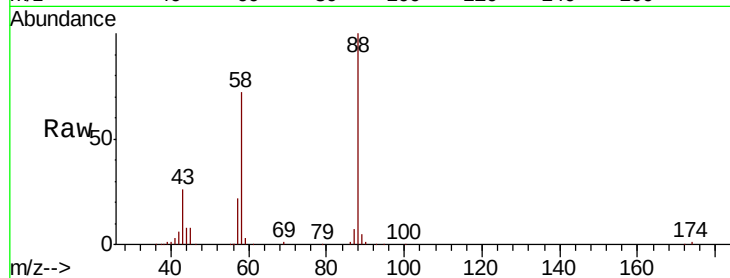




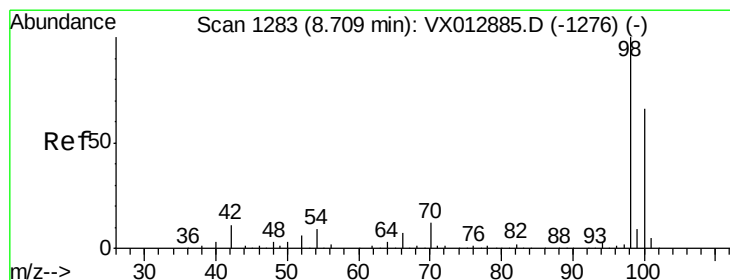
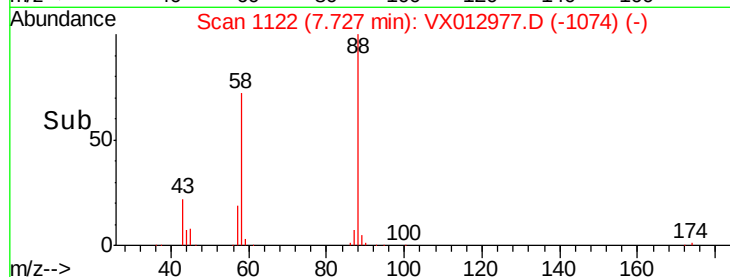
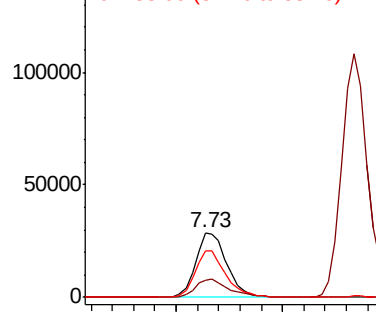
#49
1,4-Dioxane
Concen: 1005.407 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 57987
Ion Ratio Lower Upper
88 100
43 31.7 25.0 37.6
58 71.7 55.4 83.2

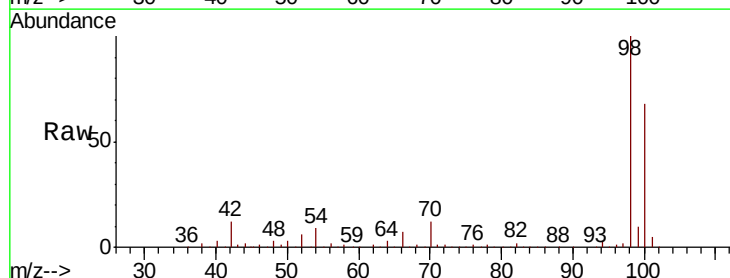


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

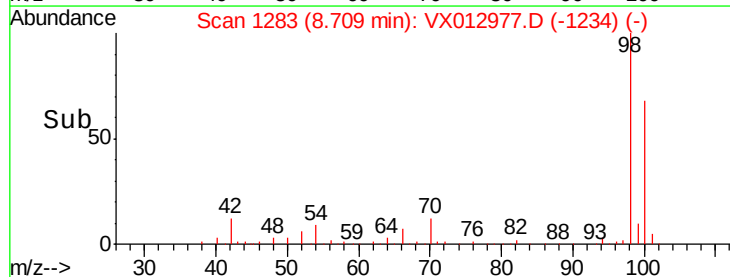
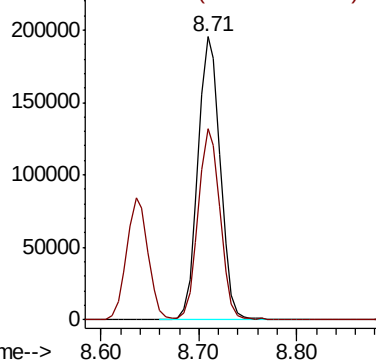


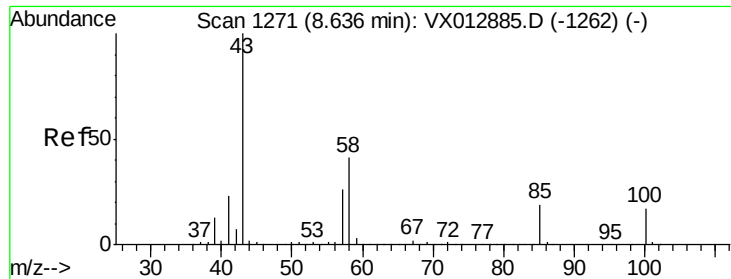
#50
Toluene-d8
Concen: 49.443 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Tgt Ion: 98 Resp: 309289
Ion Ratio Lower Upper
98 100
100 66.9 53.4 80.2



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: 274.517 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

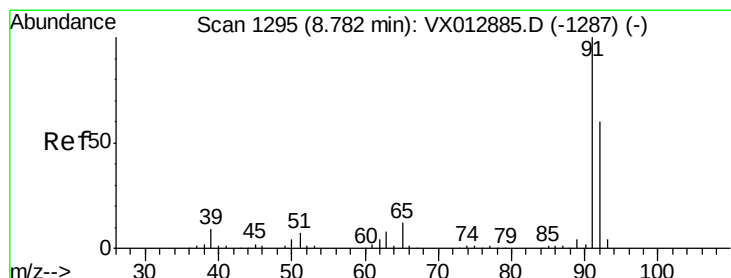
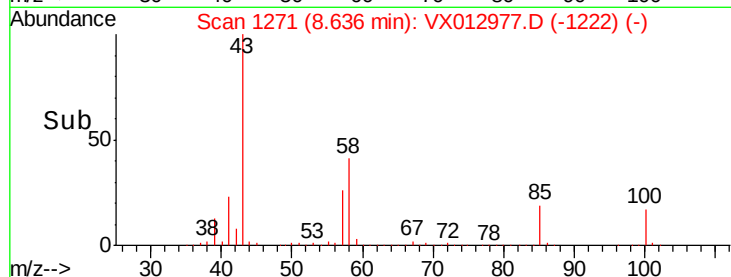
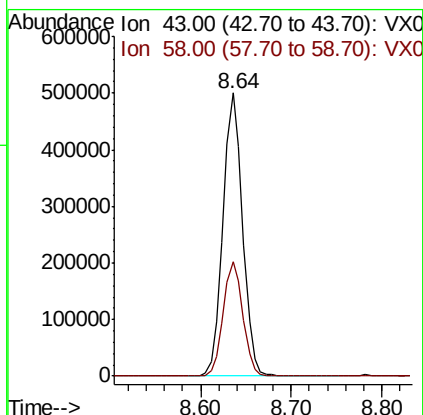
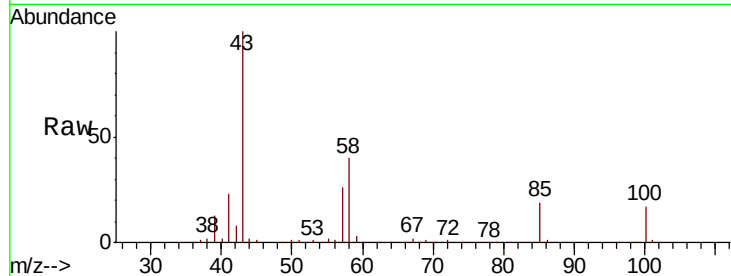
ClientSampled :

Tot Ion: 43 Resp: 754704

Ion Ratio Lower Upper

43 100

58 40.4 32.4 48.6



#52

Toluene

Concen: 51.162 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012977.D

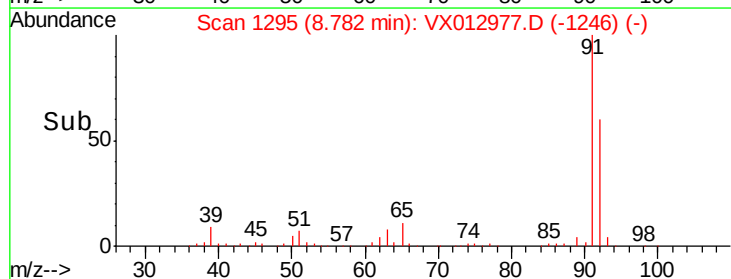
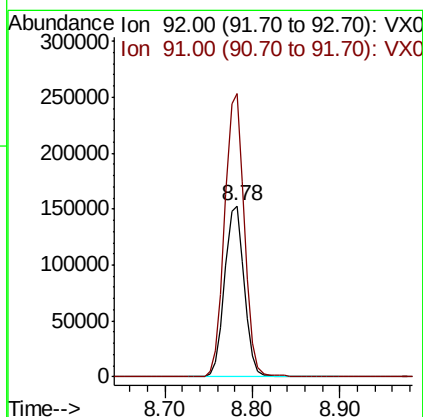
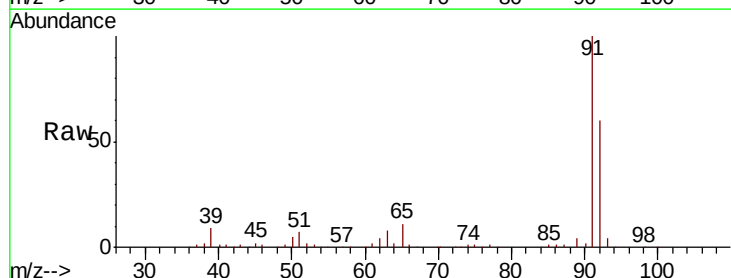
Acq: 10 Oct 2019 05:43

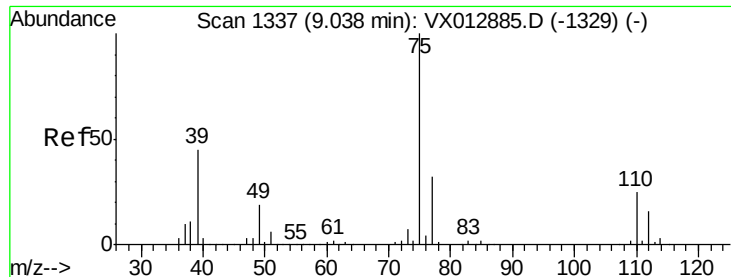
Tgt Ion: 92 Resp: 237515

Ion Ratio Lower Upper

92 100

91 166.0 135.9 203.9

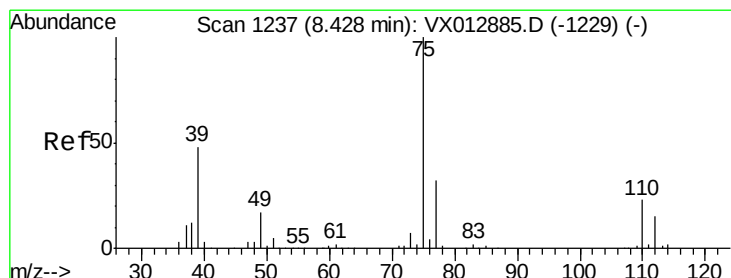
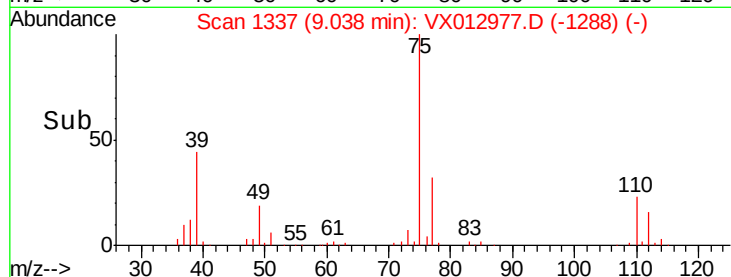
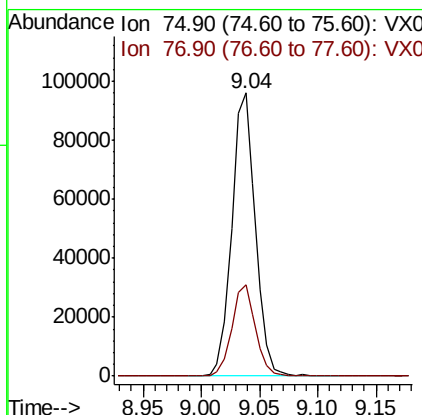
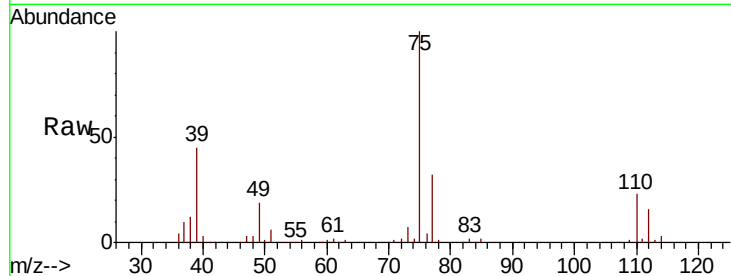




#53
t-1,3-Dichloropropene
Concen: 45.247 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

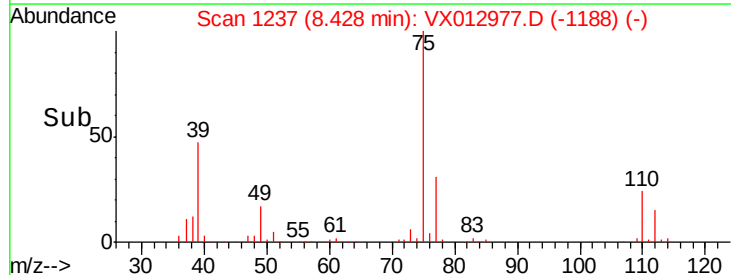
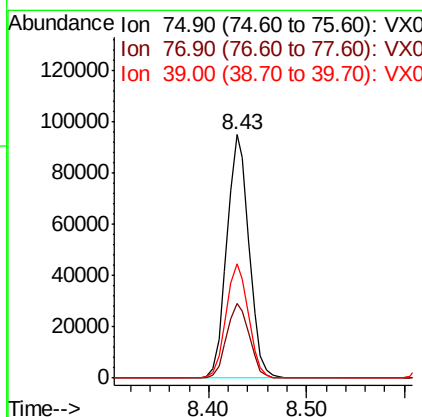
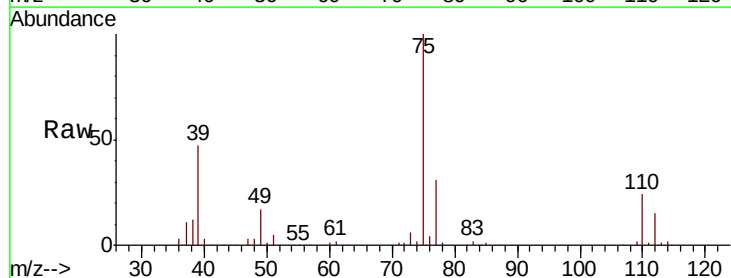
Instrument :
MSVOA_X
ClientSampled :

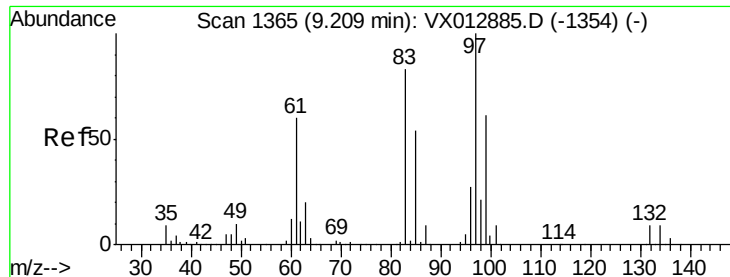
Tot Ion: 75 Resp: 135136
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 50.630 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Tgt Ion: 75 Resp: 149739
Ion Ratio Lower Upper
75 100
77 30.6 25.8 38.8
39 46.9 38.2 57.2

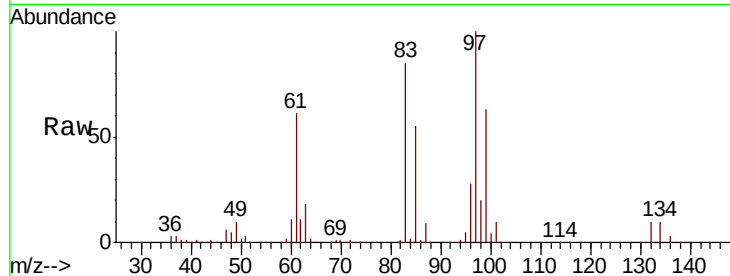




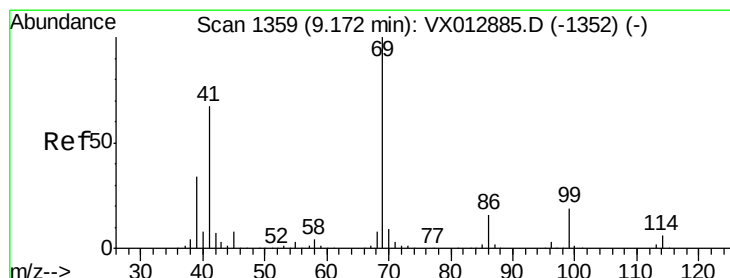
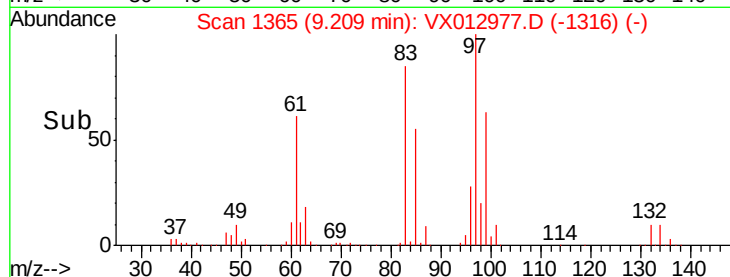
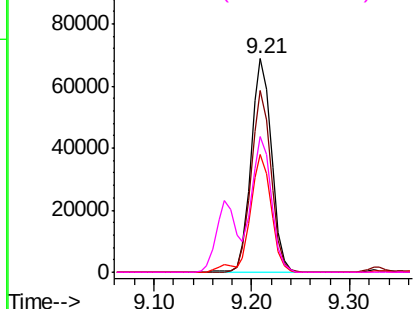
#55
 1,1,2-Trichloroethane
 Concen: 54.466 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:	97	Resp:	100064
Ion	Ratio	Lower	Upper
97	100		
83	85.2	66.5	99.7
85	55.1	43.1	64.7
99	63.3	49.2	73.8

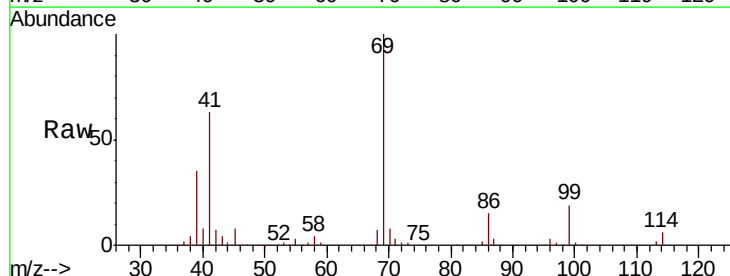


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

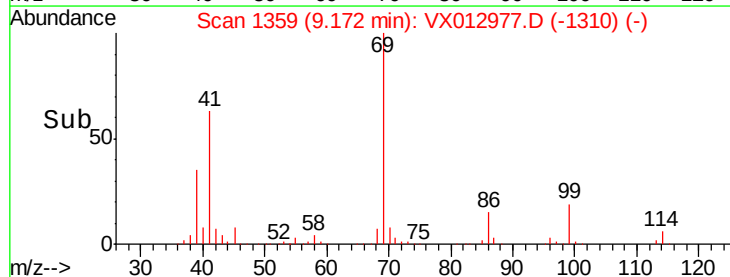
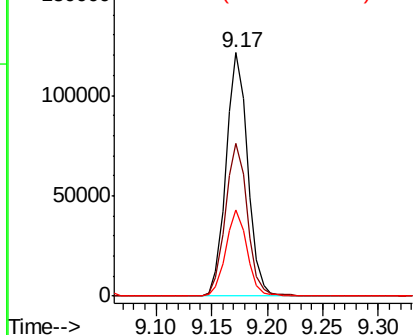


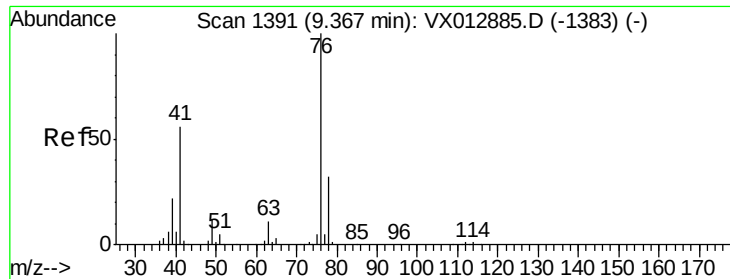
#56
 Ethyl methacrylate
 Concen: 49.622 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

Tgt Ion:	69	Resp:	163202
Ion	Ratio	Lower	Upper
69	100		
41	63.4	52.1	78.1
39	34.8	27.8	41.8



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

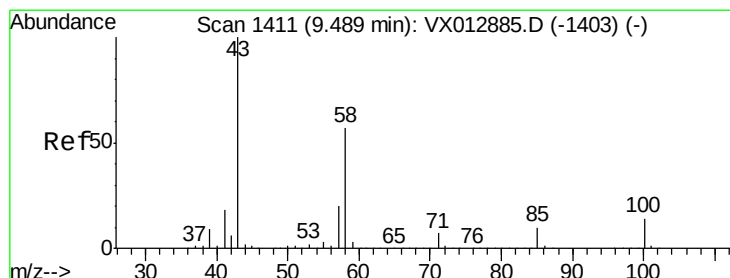
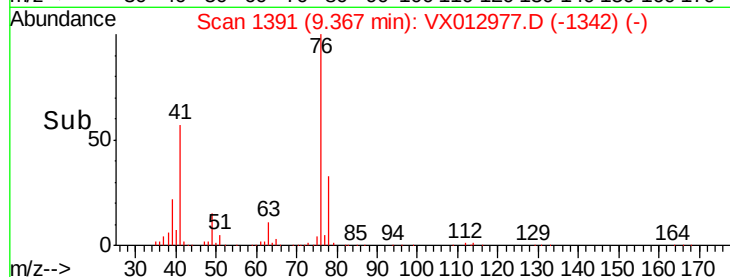
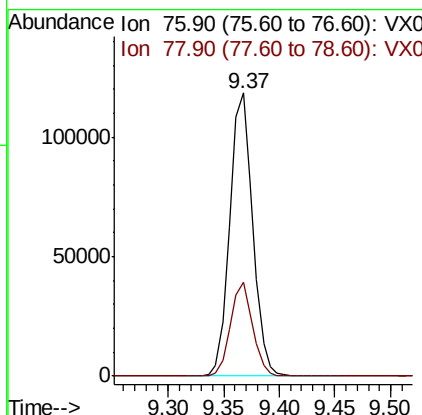
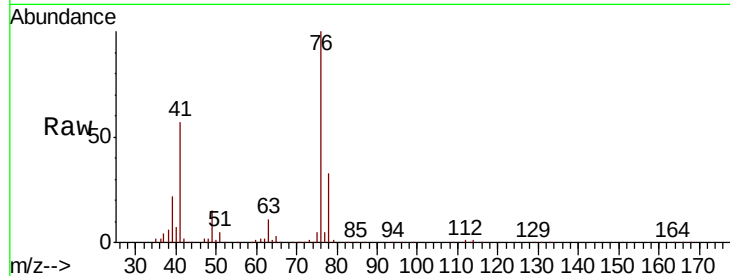




#57
 1,3-Dichloropropane
 Concen: 53.043 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

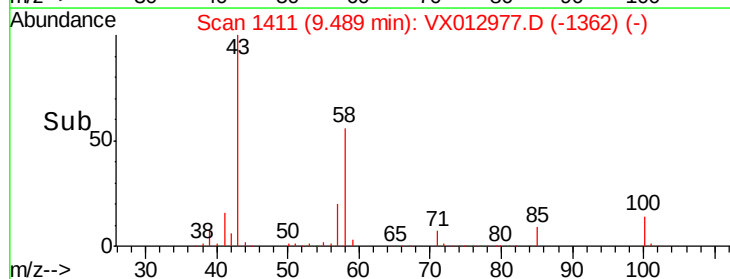
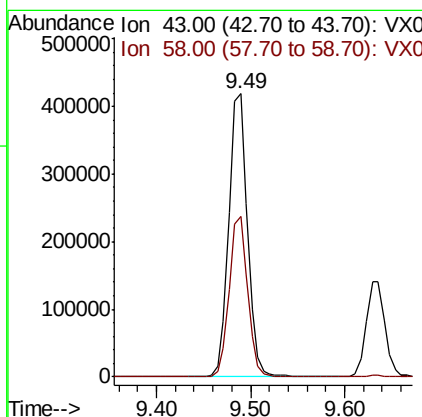
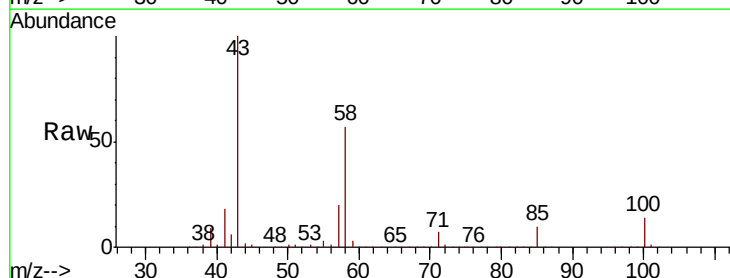
Instrument :
 MSVOA_X
 ClientSampleId :

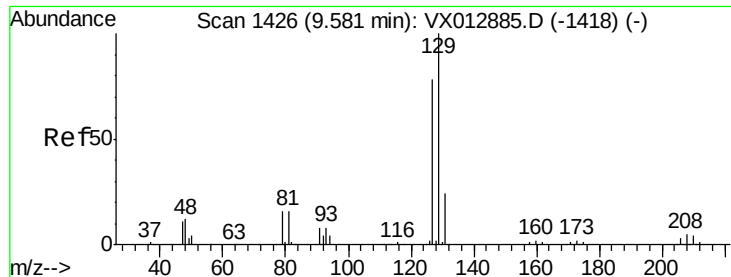
Tot Ion: 76 Resp: 168572
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.1 39.1



#59
 2-Hexanone
 Concen: 270.791 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

Tgt Ion: 43 Resp: 579514
 Ion Ratio Lower Upper
 43 100
 58 56.2 28.1 84.3





#60

Dibromochloromethane

Concen: 49.588 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

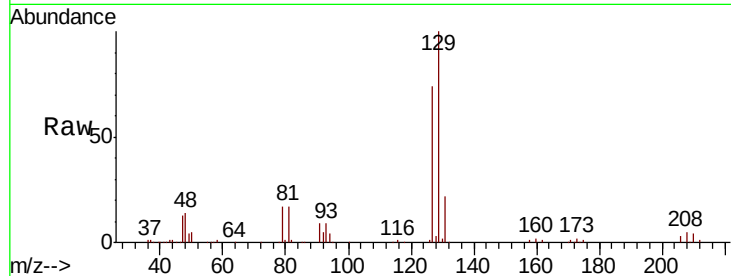
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 101350

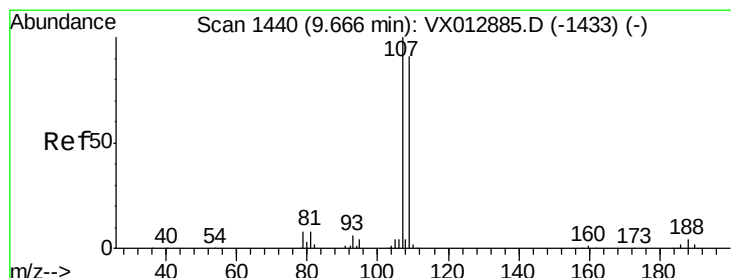
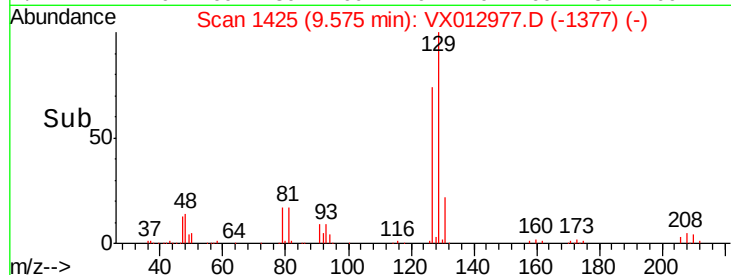
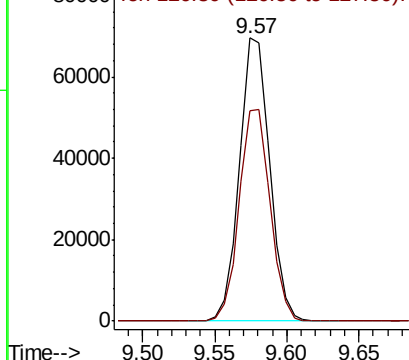
Ion Ratio Lower Upper

129 100

127 76.6 38.9 116.7



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 54.689 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012977.D

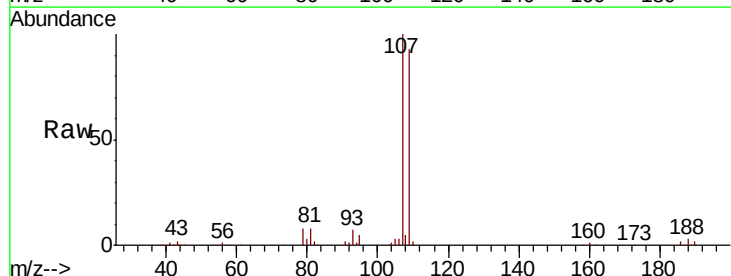
Acq: 10 Oct 2019 05:43

Tgt Ion:107 Resp: 105694

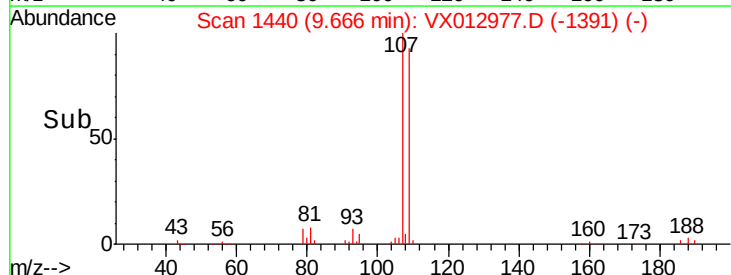
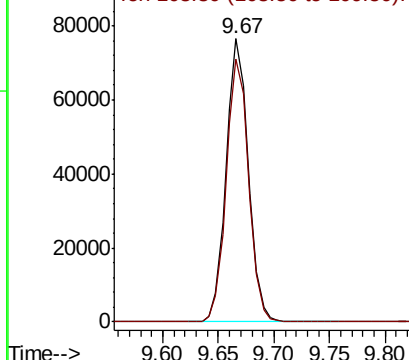
Ion Ratio Lower Upper

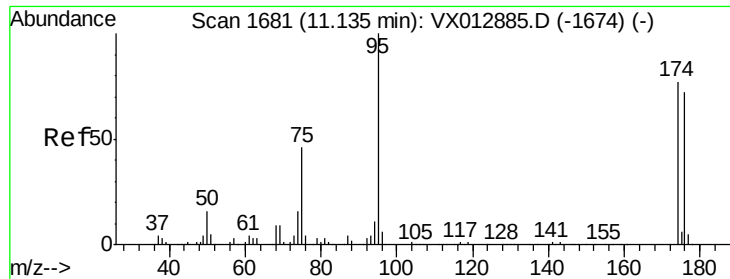
107 100

109 93.4 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 48.893 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

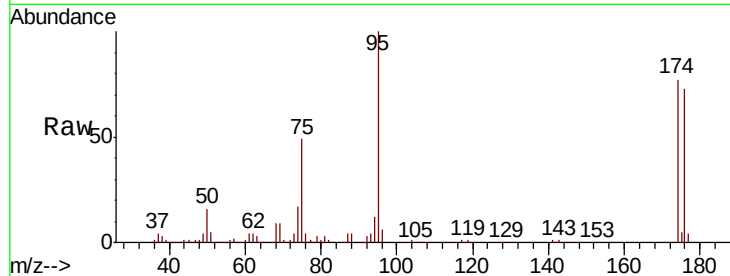
Tot Ion: 95 Resp: 118840

Ion Ratio Lower Upper

95 100

174 72.1 0.0 143.4

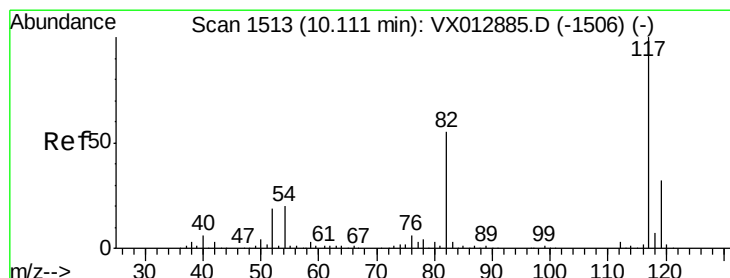
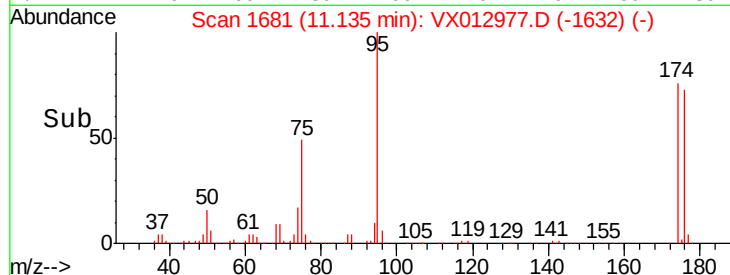
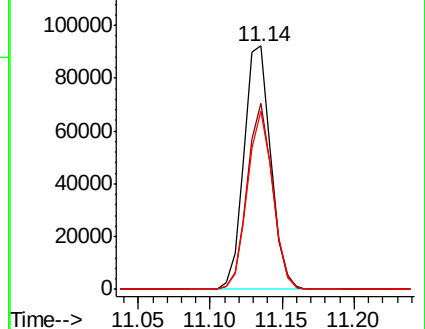
176 69.7 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX012885.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012885.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012885.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

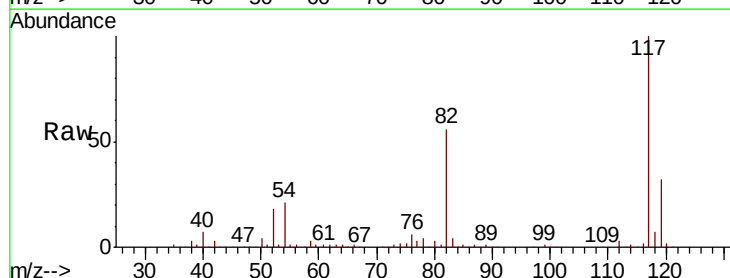
Tgt Ion: 117 Resp: 250561

Ion Ratio Lower Upper

117 100

82 56.0 44.1 66.1

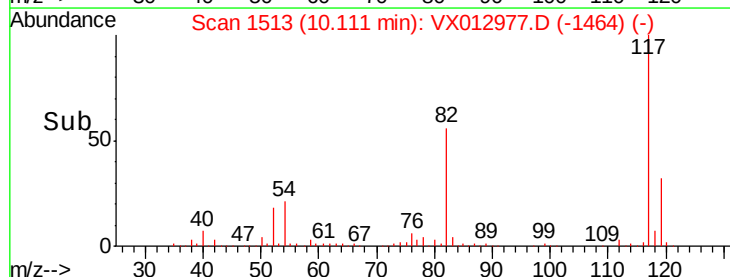
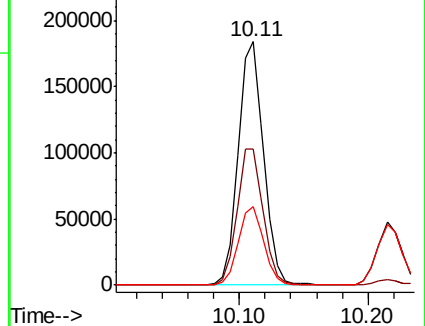
119 32.0 25.8 38.8

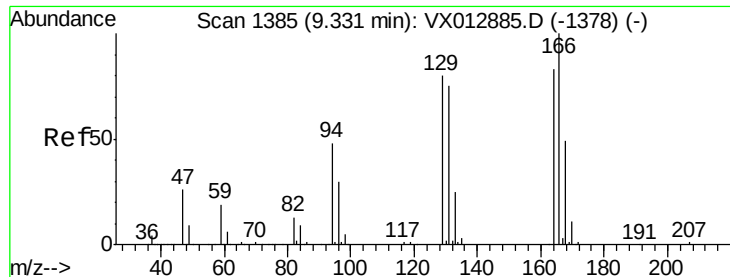


Abundance Ion 116.90 (116.60 to 117.60): VX012885.D (-1506) (-)

Ion 82.00 (81.70 to 82.70): VX012885.D (-1506) (-)

Ion 118.90 (118.60 to 119.60): VX012885.D (-1506) (-)





#64

Tetrachloroethene

Concen: 51.992 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 90357

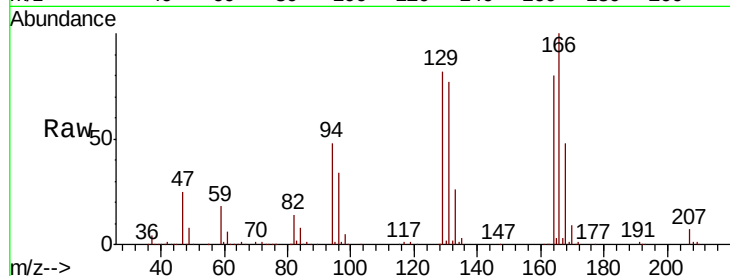
Ion Ratio Lower Upper

164 100

166 124.7 96.9 145.3

129 102.8 77.9 116.9

131 96.5 72.7 109.1

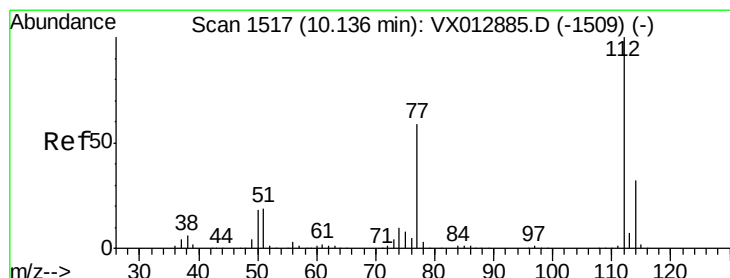
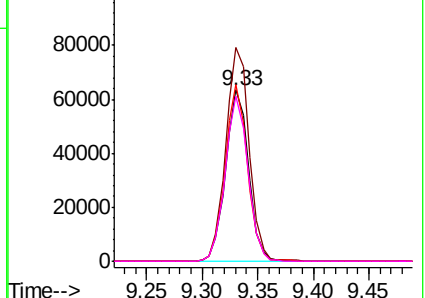
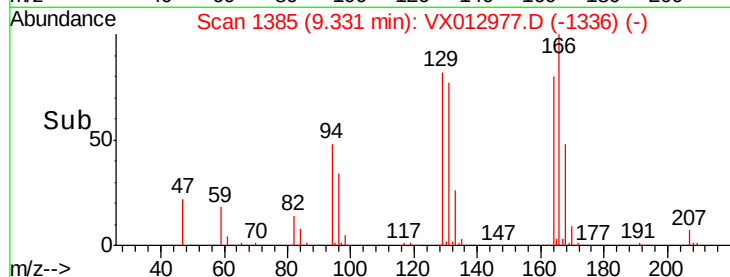


Abundance Ion 163.80 (163.50 to 164.50): V

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: 49.861 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012977.D

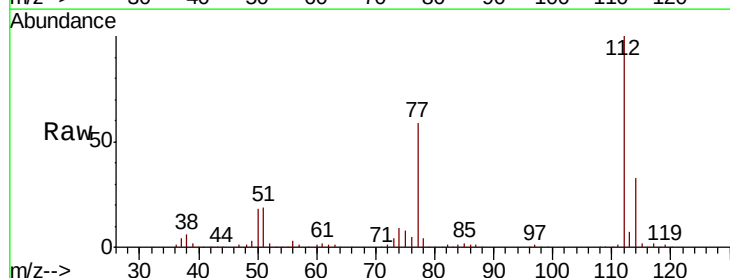
Acq: 10 Oct 2019 05:43

Tgt Ion:112 Resp: 248095

Ion Ratio Lower Upper

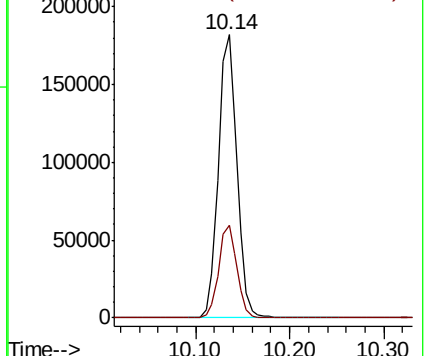
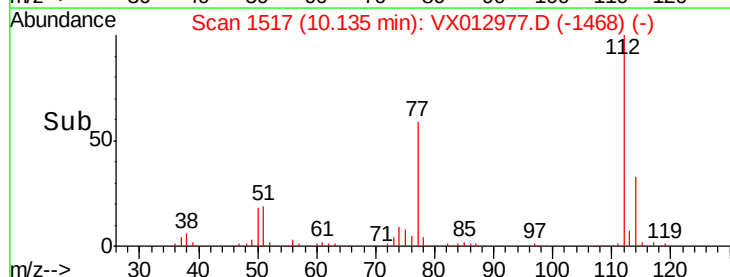
112 100

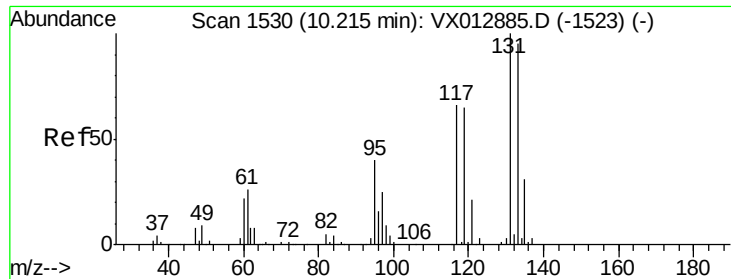
114 32.5 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

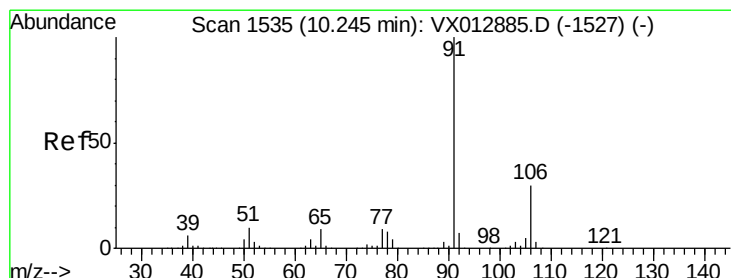
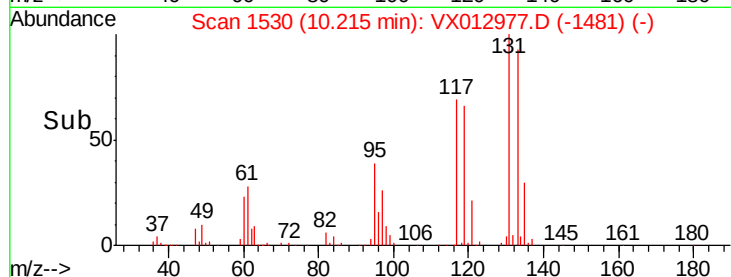
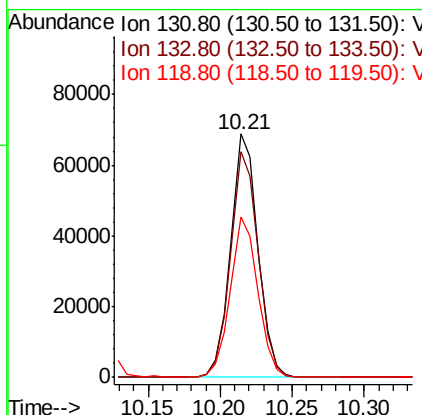
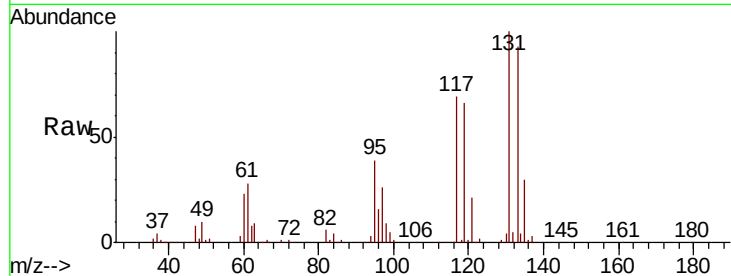




#66
 1,1,1,2-Tetrachloroethane
 Concen: 53.157 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

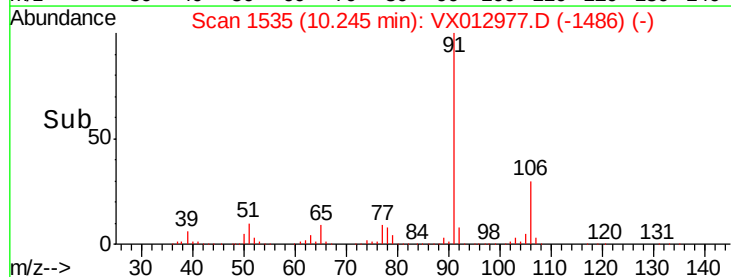
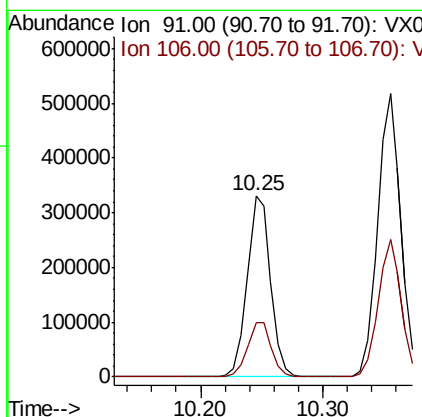
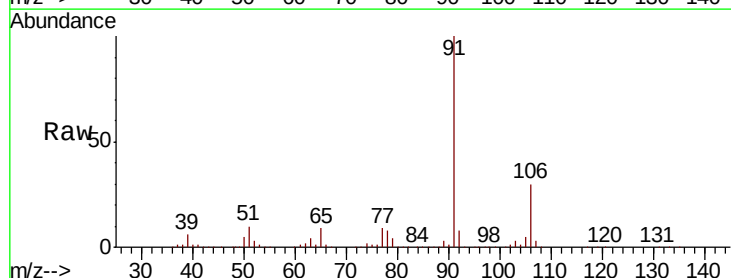
Instrument :
 MSVOA_X
 ClientSampleId :

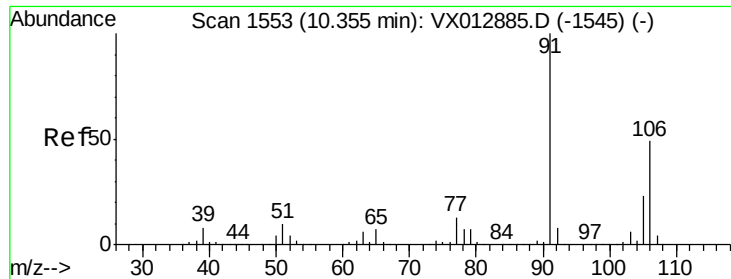
Tot Ion:131 Resp: 91707
 Ion Ratio Lower Upper
 131 100
 133 94.1 47.2 141.6
 119 66.7 32.6 98.0



#67
 Ethyl Benzene
 Concen: 49.613 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

Tgt Ion: 91 Resp: 438499
 Ion Ratio Lower Upper
 91 100
 106 29.8 23.9 35.9

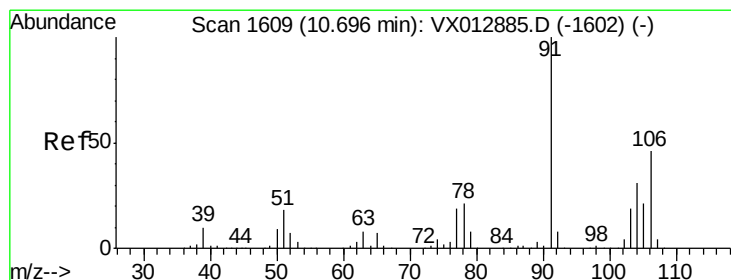
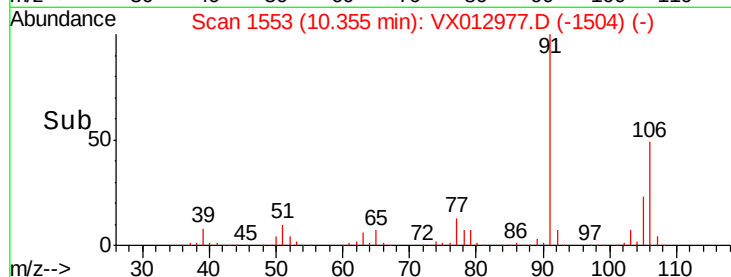
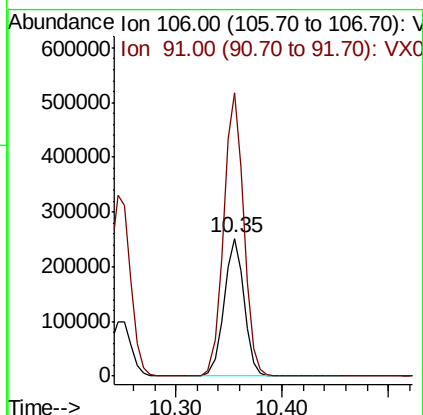
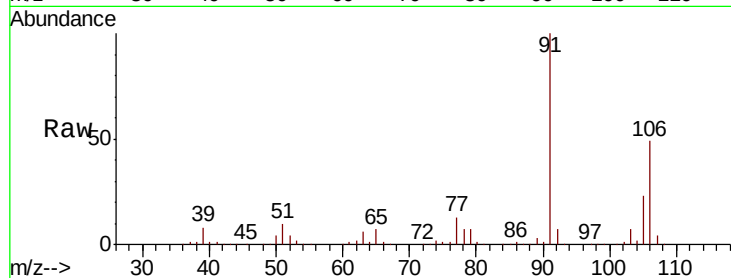




#68
m/p-Xylenes
Concen: 99.966 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

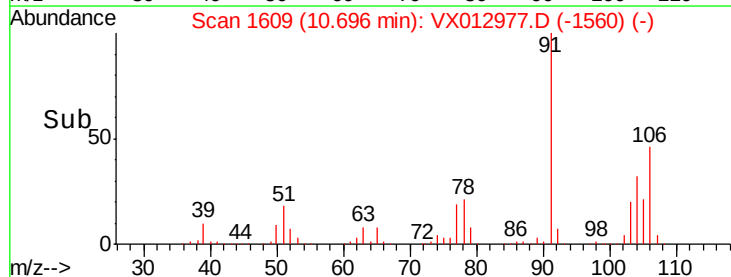
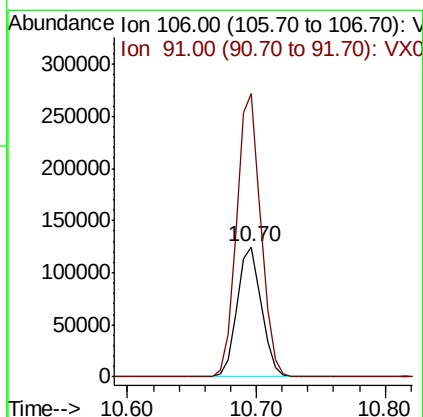
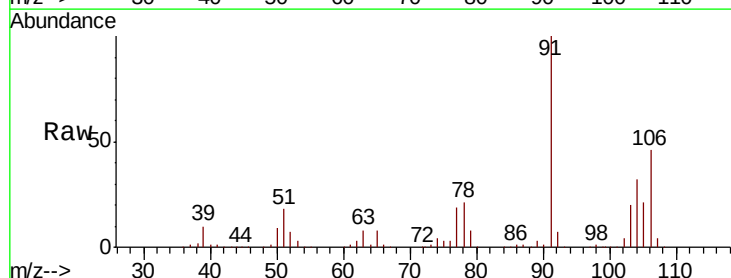
Instrument :
MSVOA_X
ClientSampled :

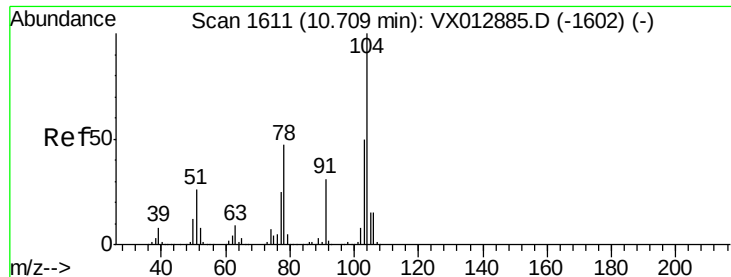
Tot Ion:106 Resp: 330072
Ion Ratio Lower Upper
106 100
91 207.1 165.3 247.9



#69
o-Xylene
Concen: 50.684 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Tgt Ion:106 Resp: 163196
Ion Ratio Lower Upper
106 100
91 217.2 109.1 327.3

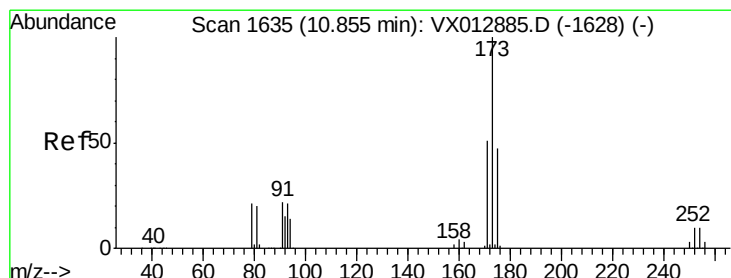
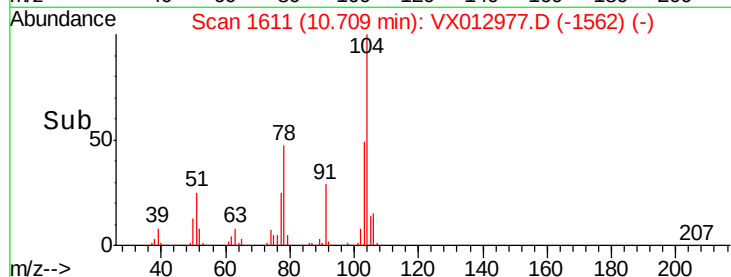
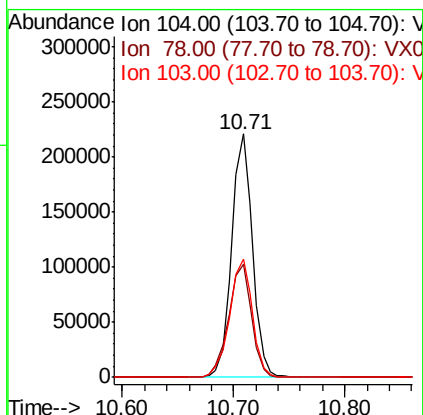
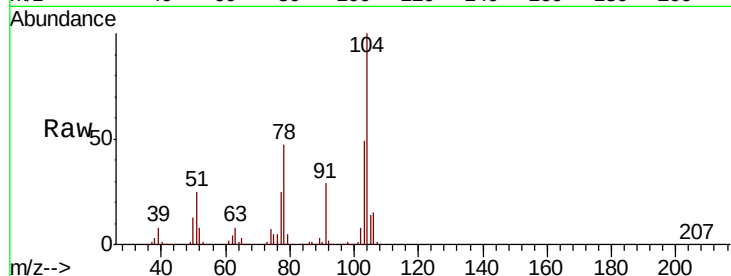




#70
Stvrene
Concen: 52.076 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

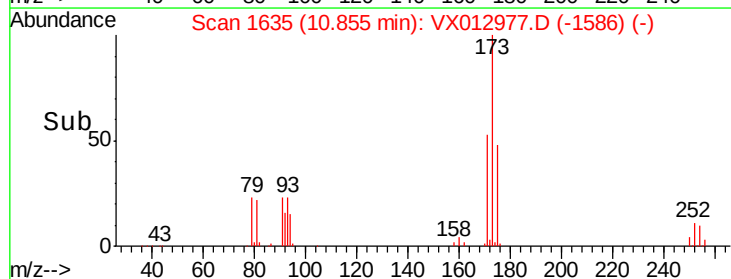
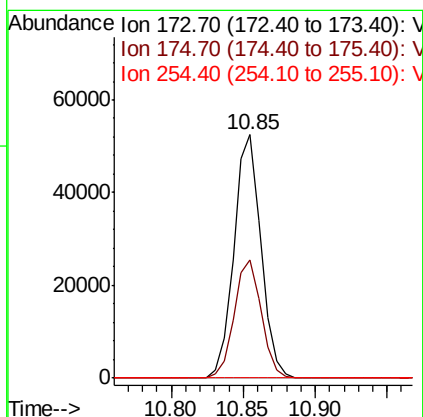
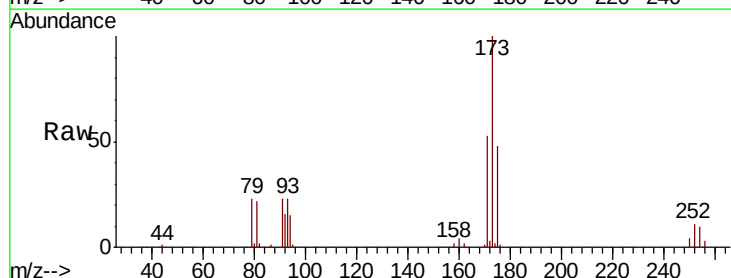
Instrument :
MSVOA_X
ClientSampleId :

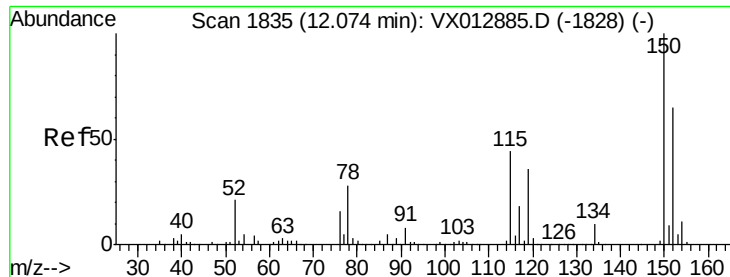
Tot Ion	Ratio	Lower	Upper
104	100		
78	51.6	41.2	61.8
103	53.1	43.0	64.4



#71
Bromoform
Concen: 47.028 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.1	72.3
254	0.0	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

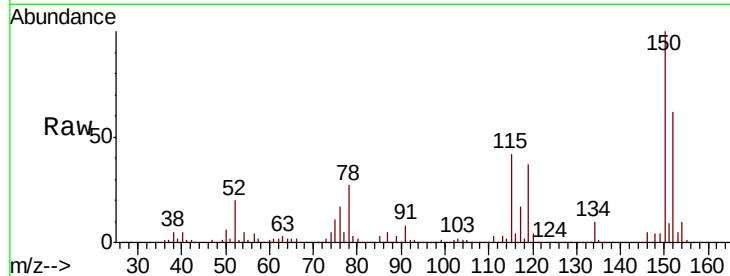
Tot Ion:152 Resp: 114350

Ion Ratio Lower Upper

152 100

115 87.4 44.5 133.5

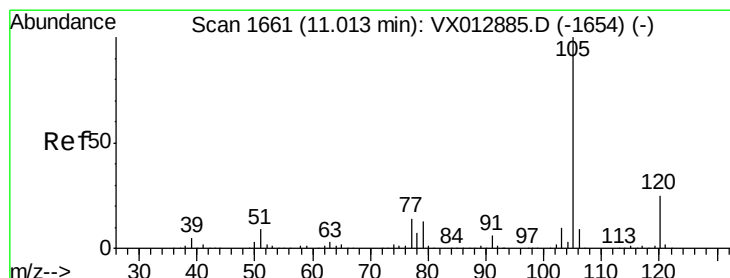
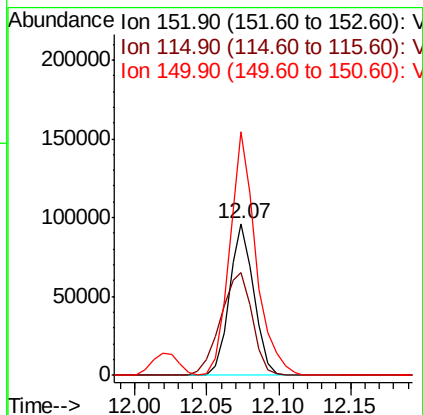
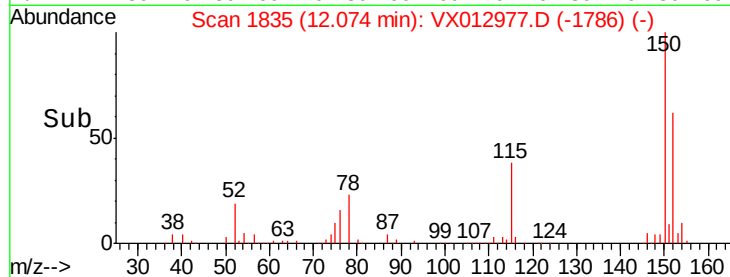
150 171.7 0.0 353.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 50.204 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012977.D

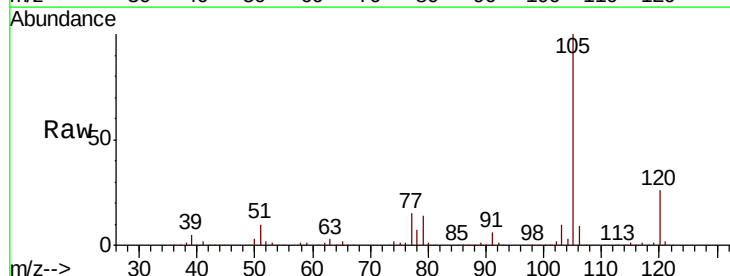
Acq: 10 Oct 2019 05:43

Tgt Ion:105 Resp: 422074

Ion Ratio Lower Upper

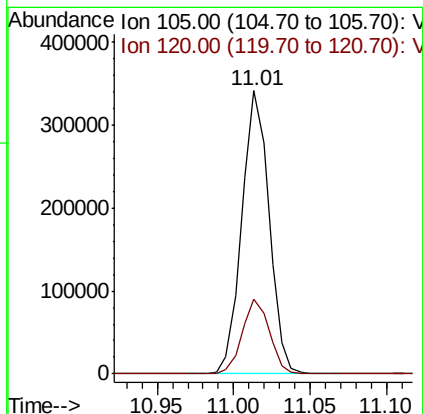
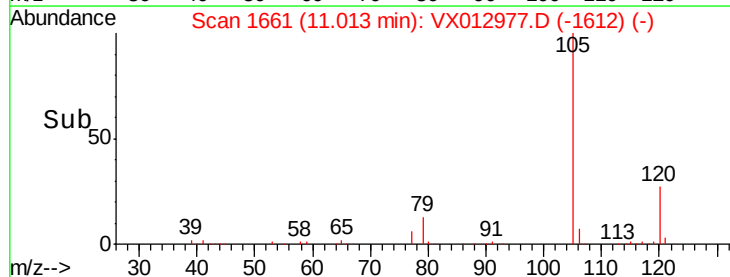
105 100

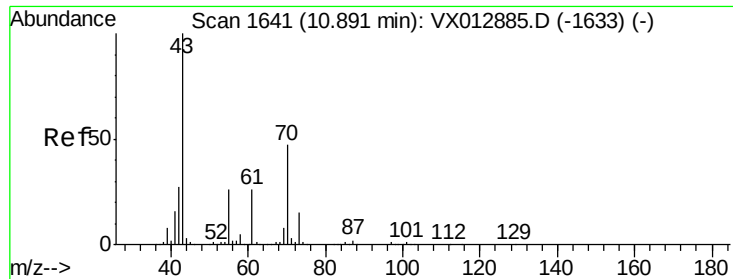
120 26.1 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 52.184 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 188947

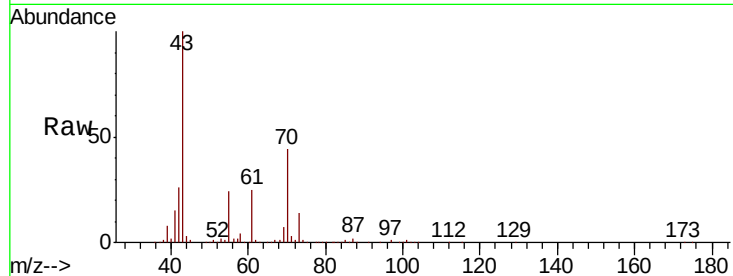
Ion Ratio Lower Upper

43 100

70 44.8 36.4 54.6

55 25.0 20.2 30.2

61 25.1 20.5 30.7

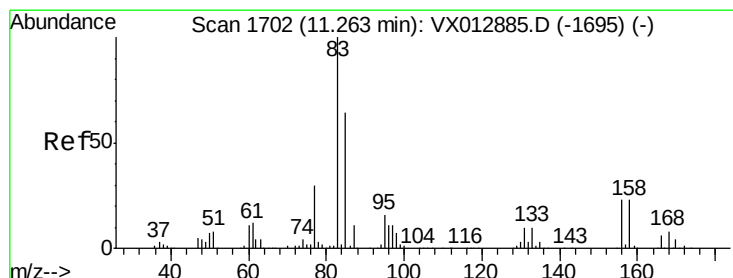
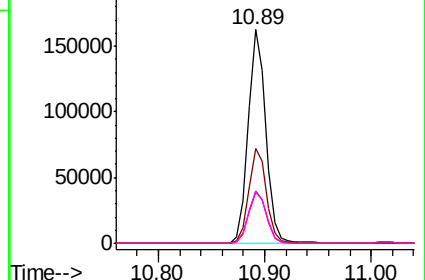
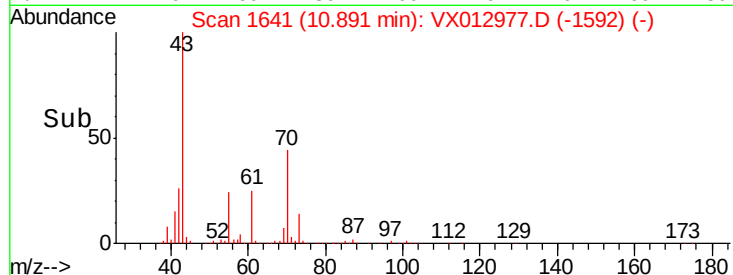


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 54.862 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

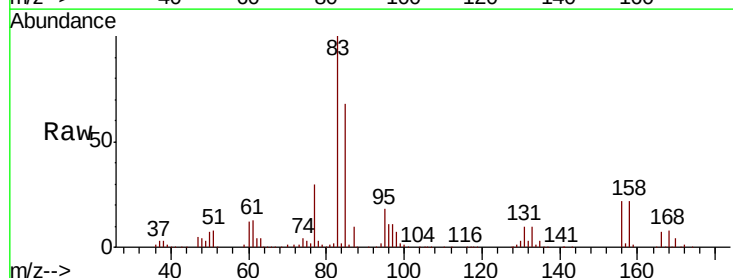
Tgt Ion: 83 Resp: 153407

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

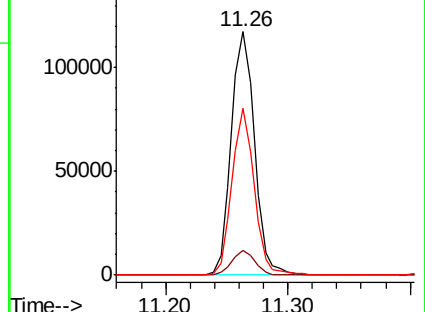
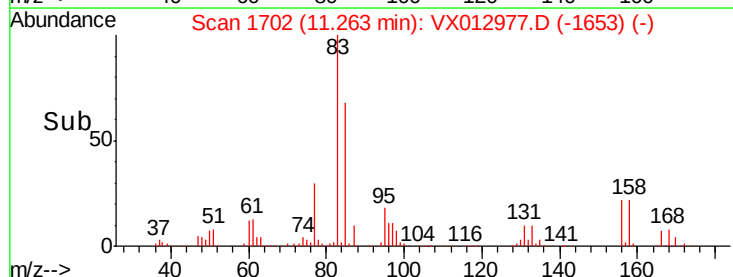
85 65.6 32.1 96.5

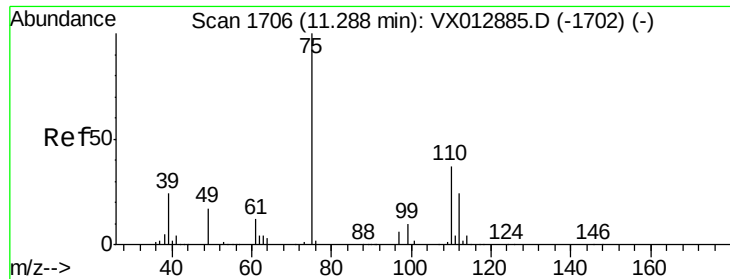


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 67.701 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

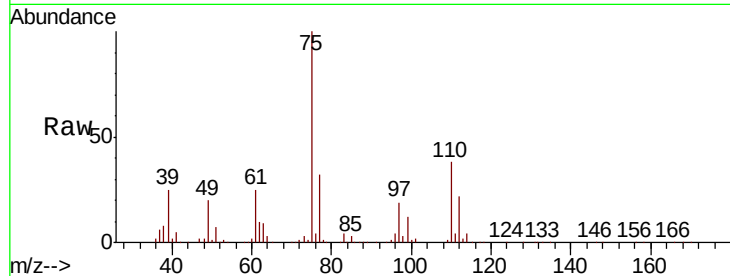
ClientSampled :

Tot Ion: 75 Resp: 171707

Ion Ratio Lower Upper

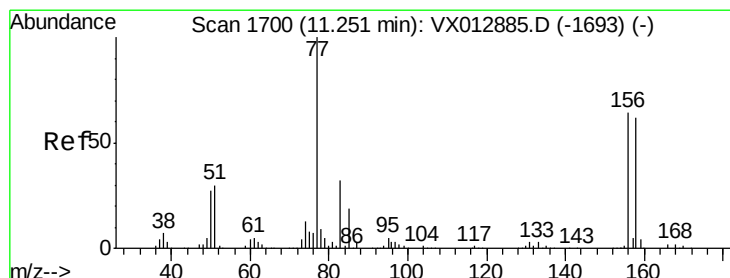
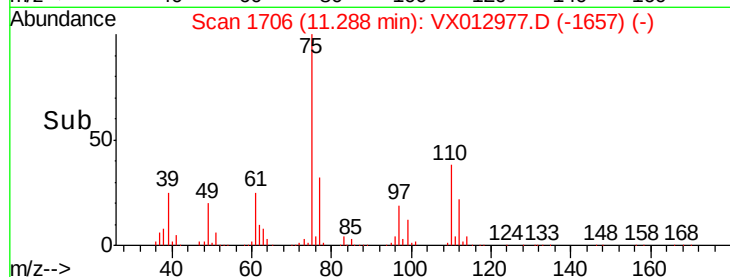
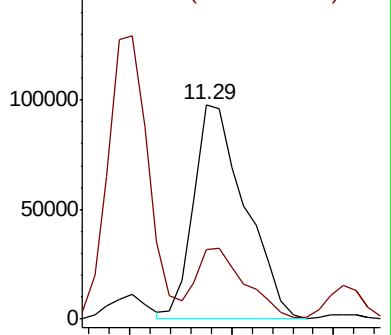
75 100

77 31.0 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 51.688 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

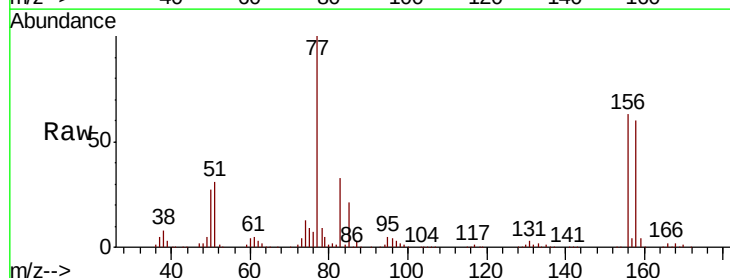
Tgt Ion: 156 Resp: 102401

Ion Ratio Lower Upper

156 100

77 174.3 83.7 251.0

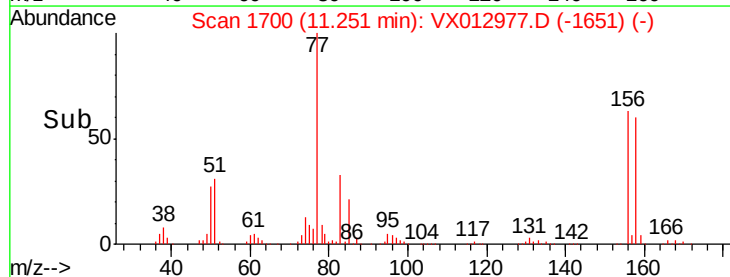
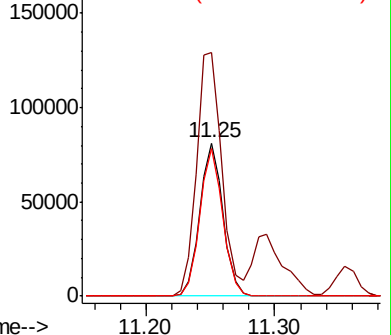
158 95.4 48.6 145.9

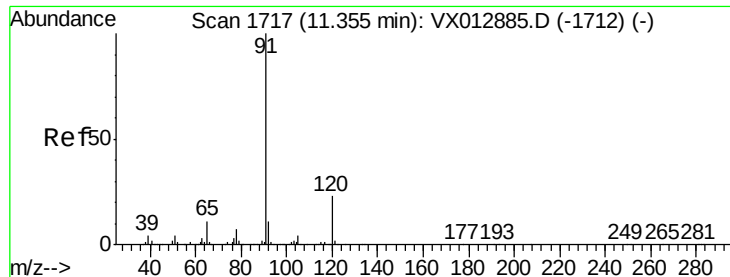


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 50.707 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

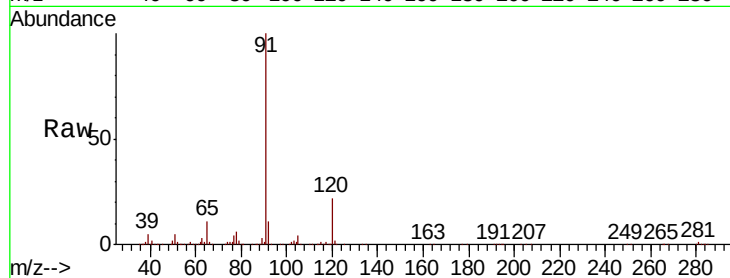
ClientSampleId :

Tot Ion: 91 Resp: 469096

Ion Ratio Lower Upper

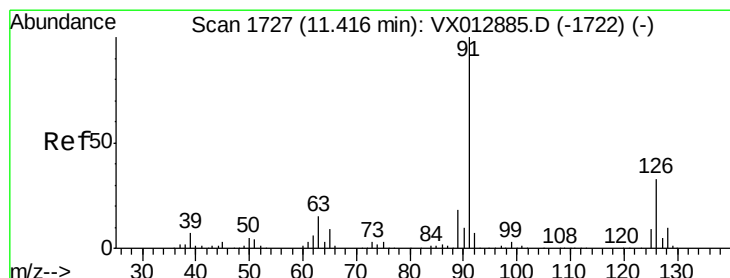
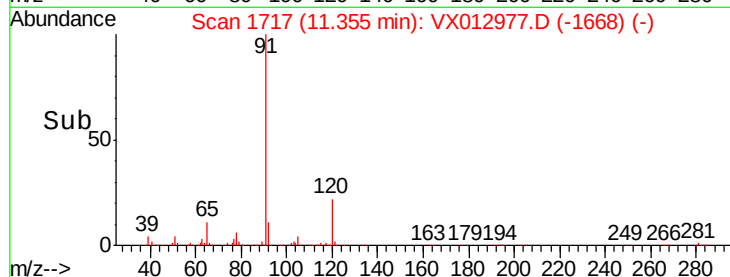
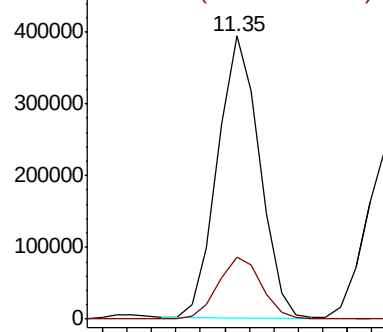
91 100

120 22.8 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 50.061 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012977.D

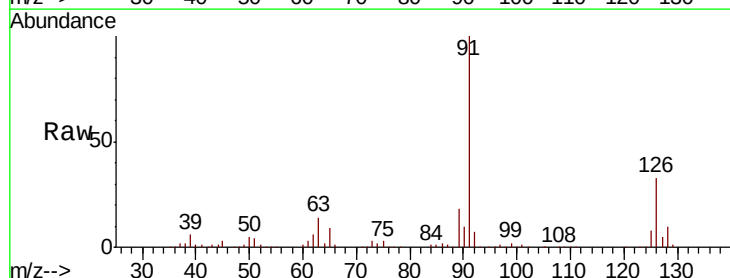
Acq: 10 Oct 2019 05:43

Tgt Ion: 91 Resp: 291054

Ion Ratio Lower Upper

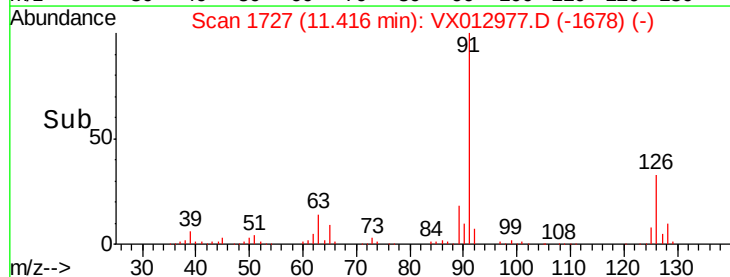
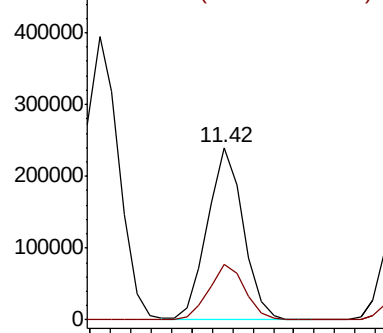
91 100

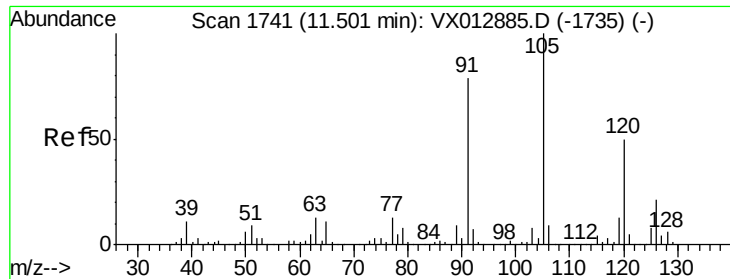
126 33.1 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

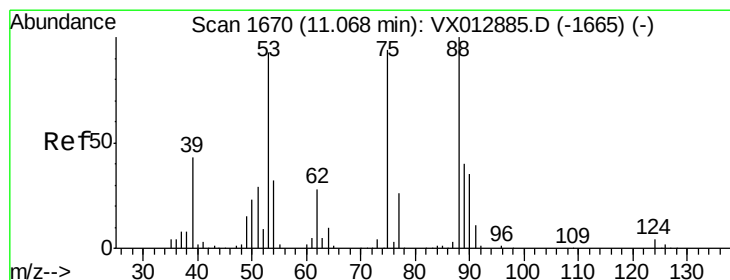
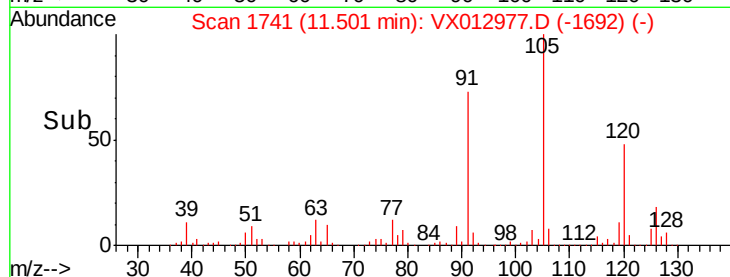
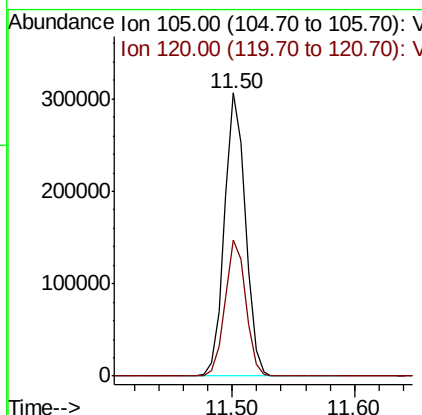
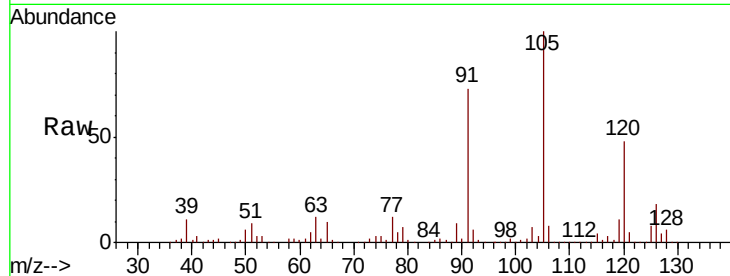




#80
 1,3,5-Trimethylbenzene
 Concen: 51.496 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

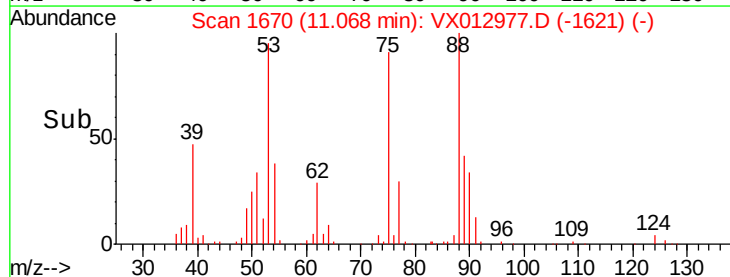
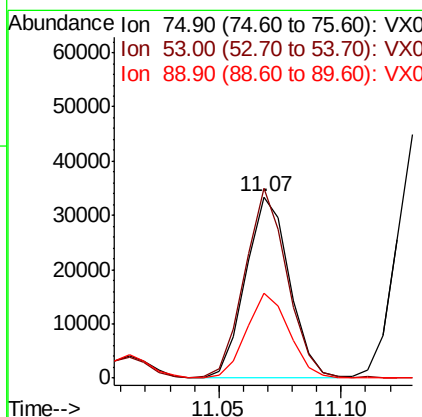
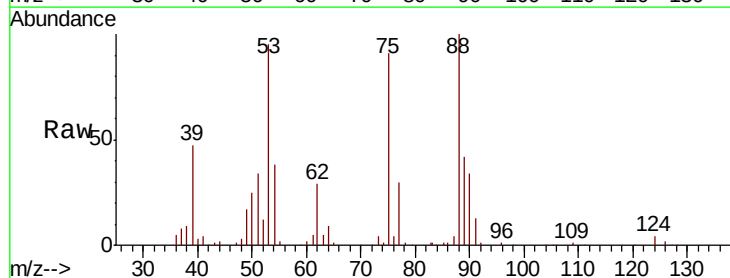
Instrument :
 MSVOA_X
 ClientSampled :

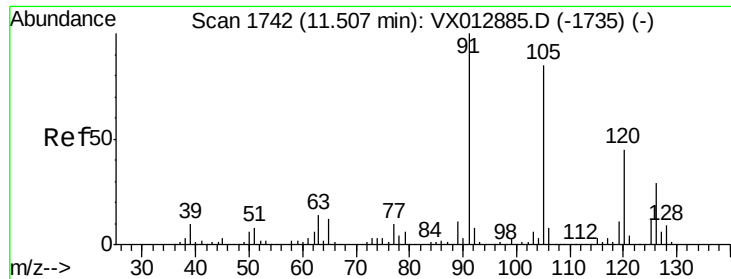
Tot Ion:105 Resp: 361504
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.8 74.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.582 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

Tgt Ion: 75 Resp: 41348
 Ion Ratio Lower Upper
 75 100
 53 102.5 78.5 117.7
 89 45.8 37.4 56.2

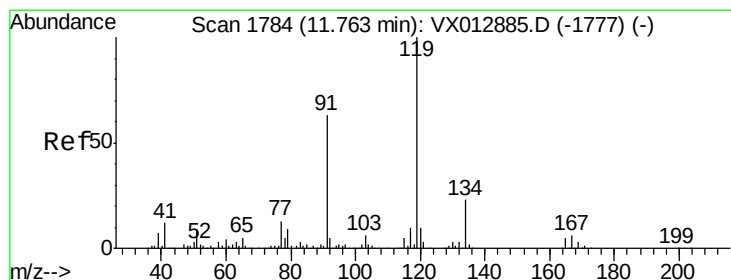
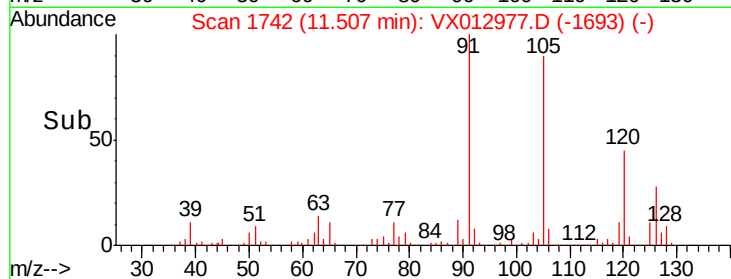
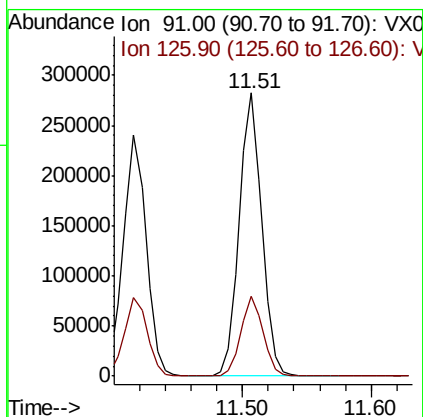
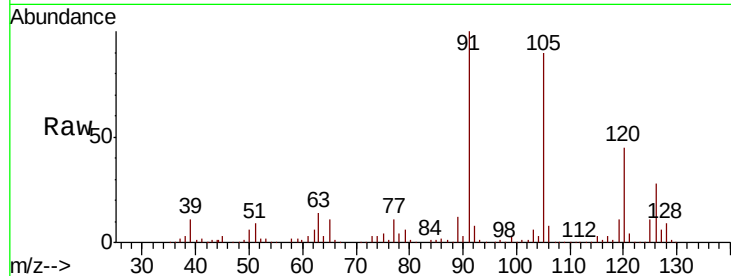




#82
4-Chlorotoluene
Concen: 51.409 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

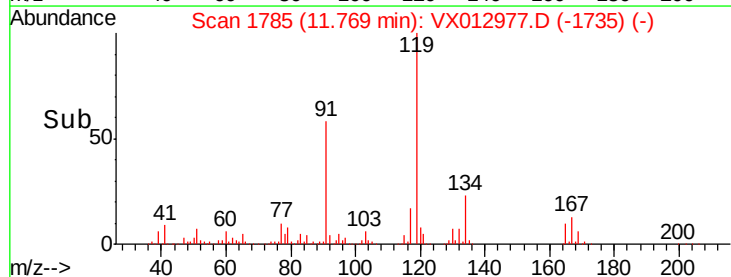
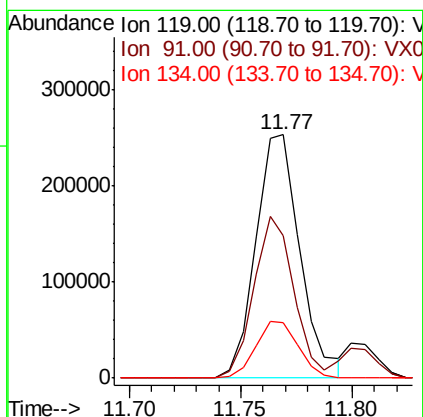
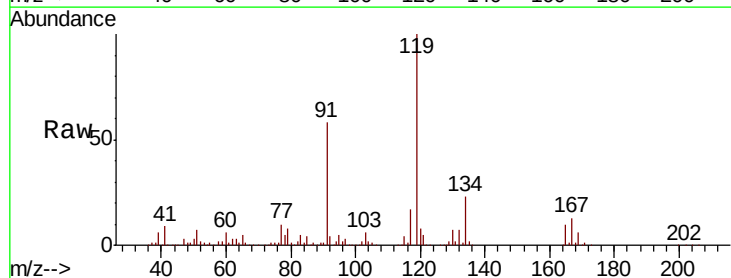
Instrument :
MSVOA_X
ClientSampleId :

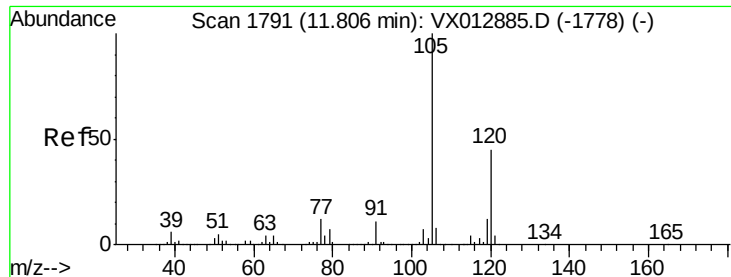
Tot Ion: 91 Resp: 342587
Ion Ratio Lower Upper
91 100
126 27.7 14.2 42.6



#83
tert-Butylbenzene
Concen: 51.173 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Tgt Ion: 119 Resp: 350435
Ion Ratio Lower Upper
119 100
91 60.2 29.3 87.9
134 22.2 11.5 34.4

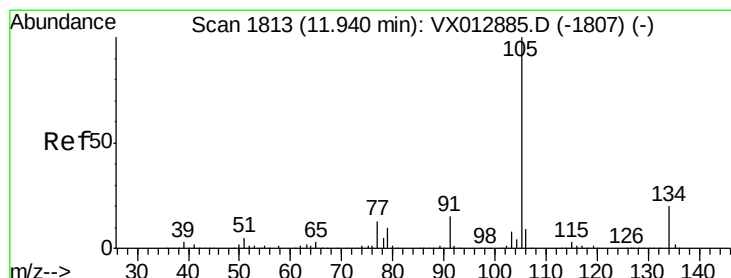
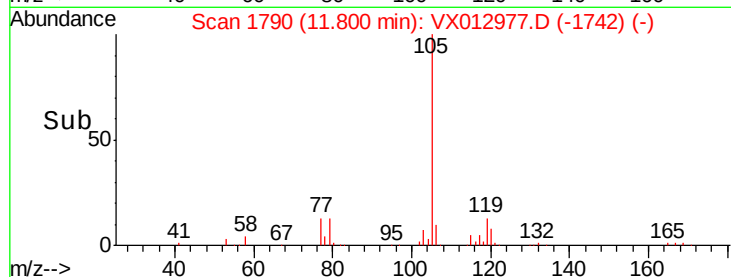
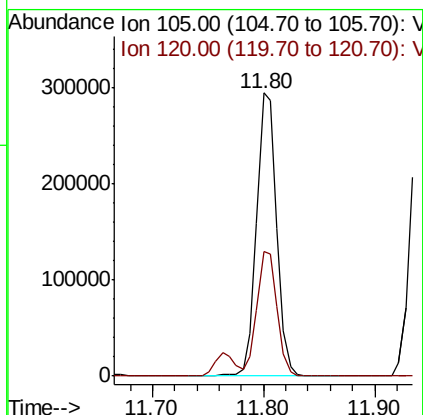
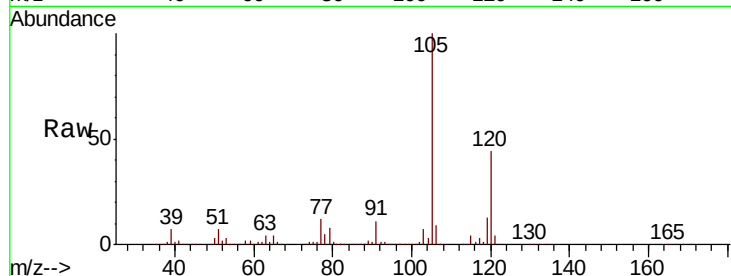




#84
1,2,4-Trimethylbenzene
Concen: 52.017 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

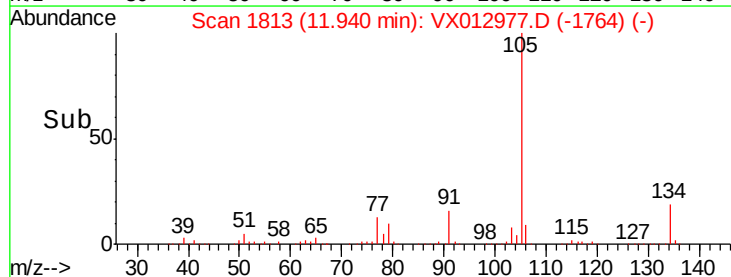
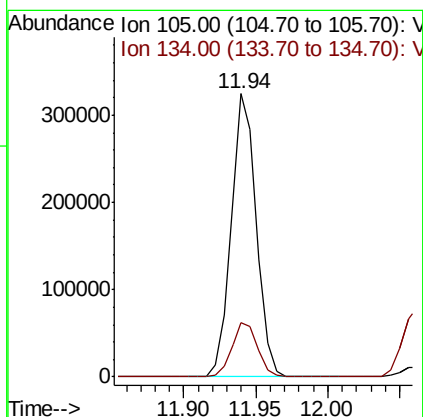
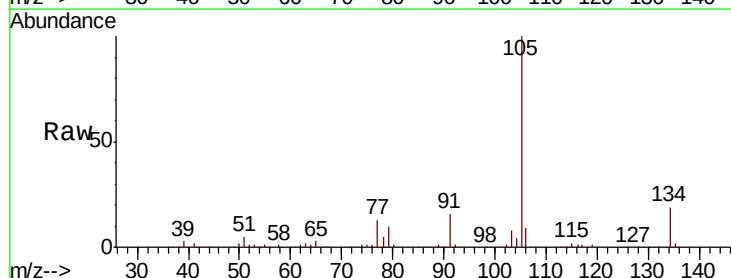
Instrument :
MSVOA_X
ClientSampleId :

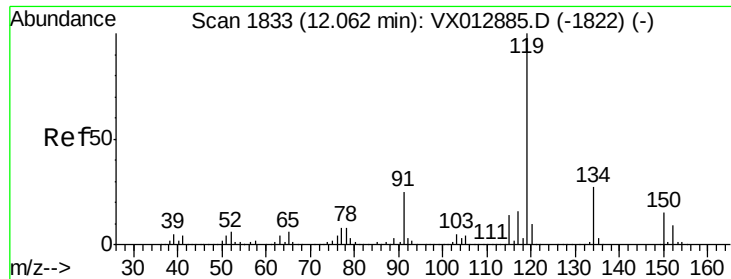
Tot Ion:105 Resp: 369830
Ion Ratio Lower Upper
105 100
120 44.1 21.8 65.3



#85
sec-Butylbenzene
Concen: 49.966 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Tgt Ion:105 Resp: 396418
Ion Ratio Lower Upper
105 100
134 19.6 10.0 30.0





#86

p-Isopropyltoluene

Concen: 48.841 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

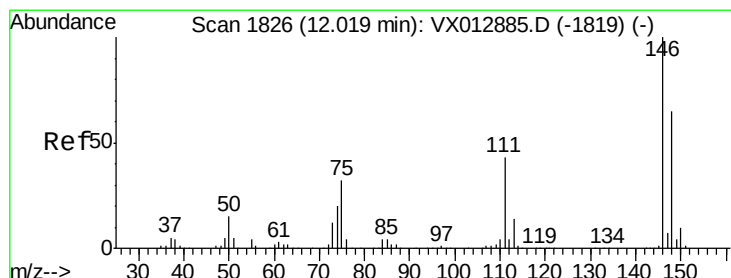
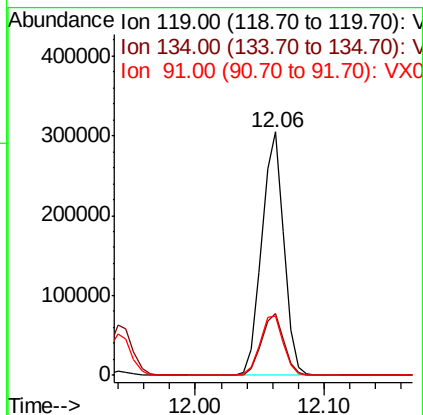
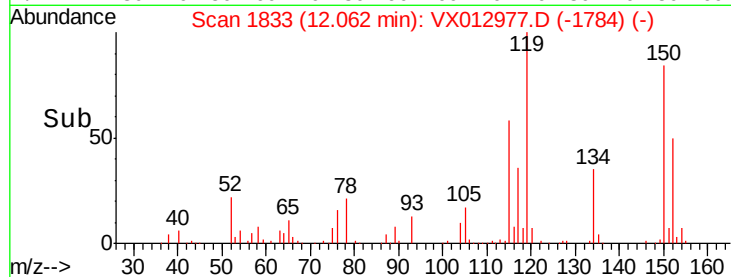
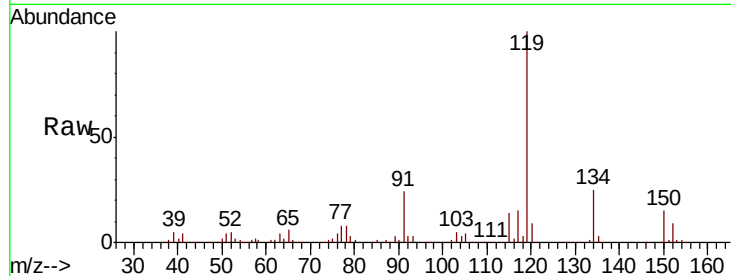
Tot Ion:119 Resp: 359378

Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

91 25.5 12.4 37.4



#87

1,3-Dichlorobenzene

Concen: 49.094 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

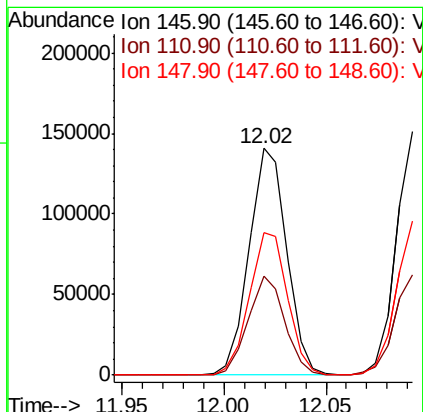
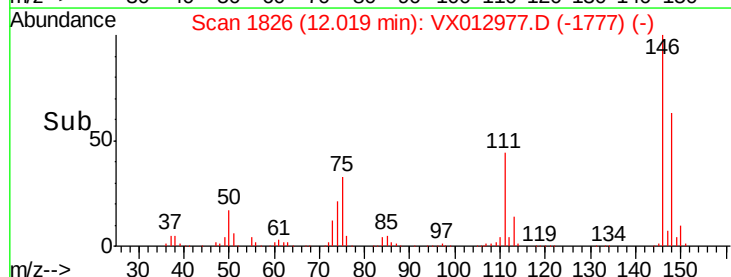
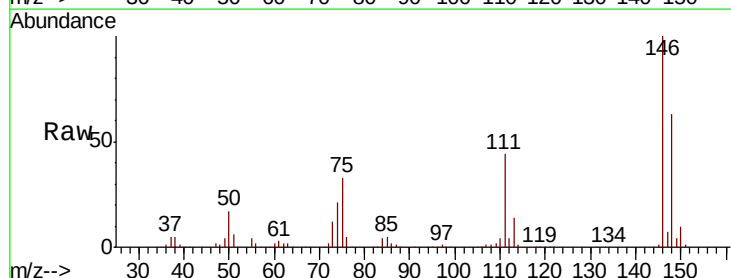
Tgt Ion:146 Resp: 180617

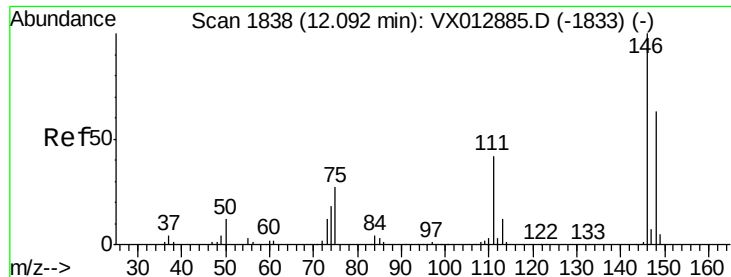
Ion Ratio Lower Upper

146 100

111 42.7 21.1 63.4

148 63.9 31.6 95.0

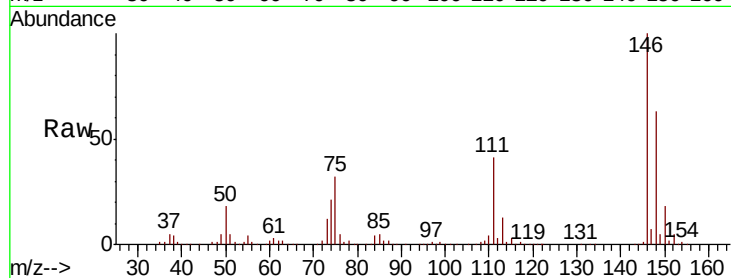




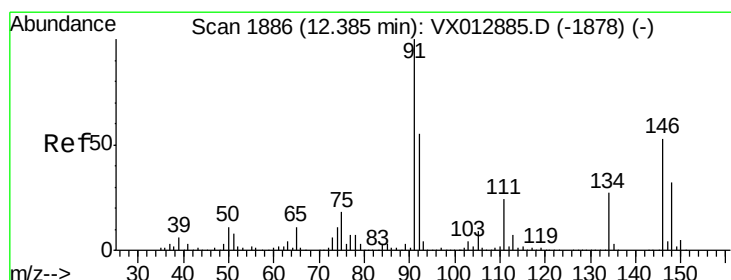
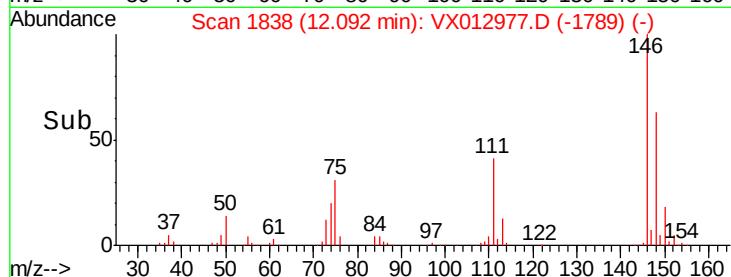
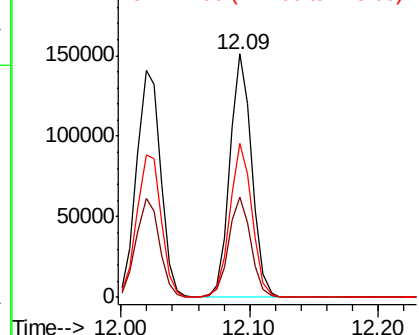
#88
 1,4-Dichlorobenzene
 Concen: 48.606 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 181105
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.4 64.3
 148 64.0 32.1 96.5

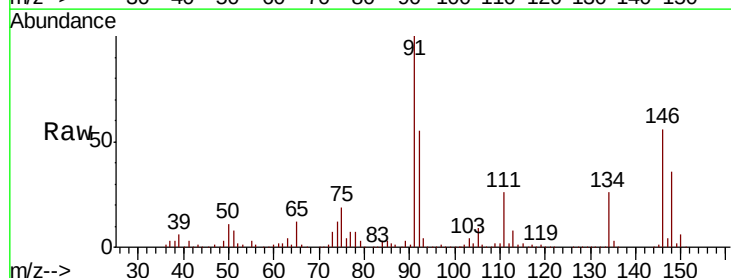


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

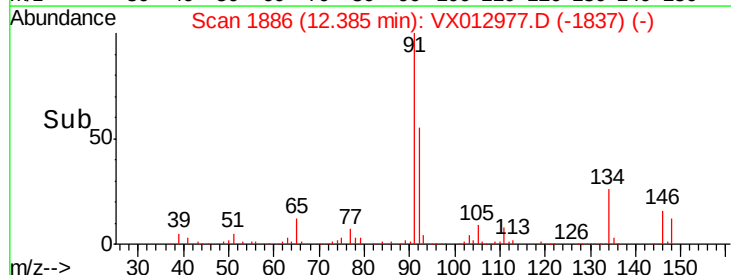
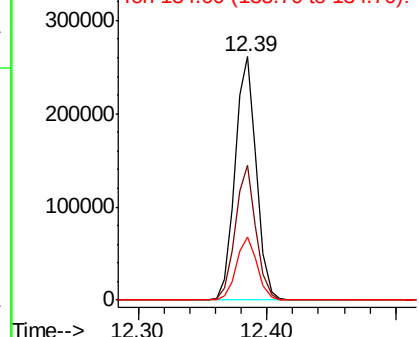


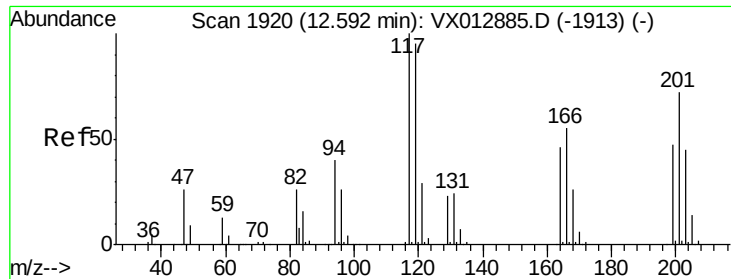
#89
 n-Butylbenzene
 Concen: 48.798 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

Tgt Ion: 91 Resp: 301772
 Ion Ratio Lower Upper
 91 100
 92 53.8 27.5 82.5
 134 25.5 12.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 92.00 (91.70 to 92.70): VX0
 Ion 134.00 (133.70 to 134.70): V

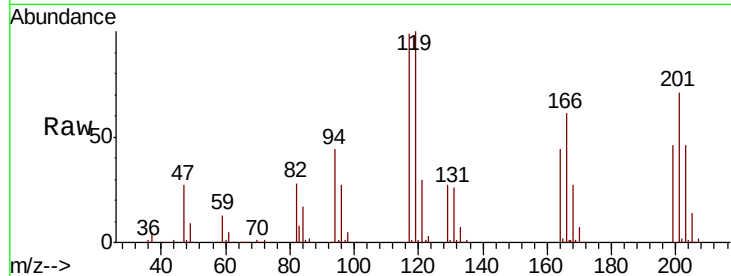




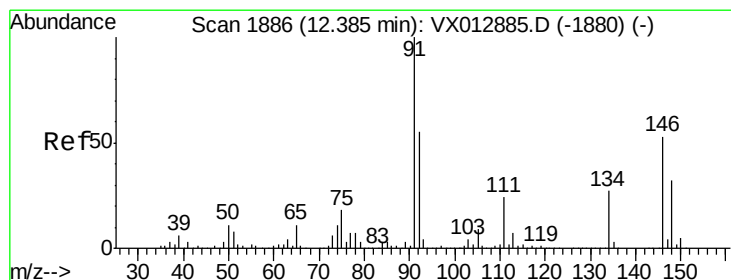
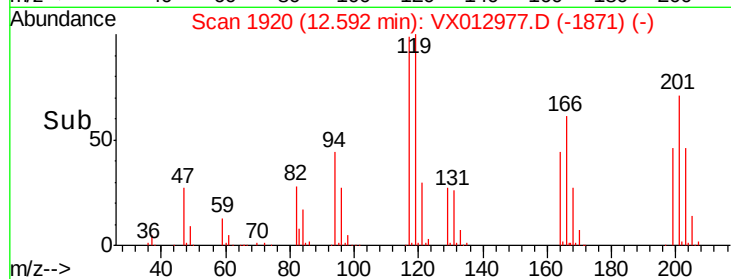
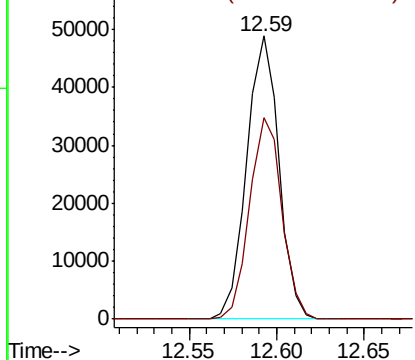
#90
Hexachloroethane
Concen: 46.054 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 62524
Ion Ratio Lower Upper
117 100
201 71.7 36.9 110.7

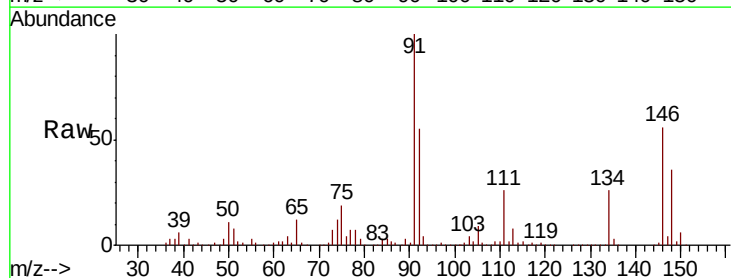


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

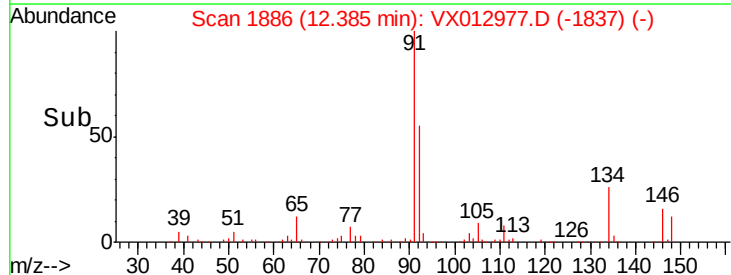
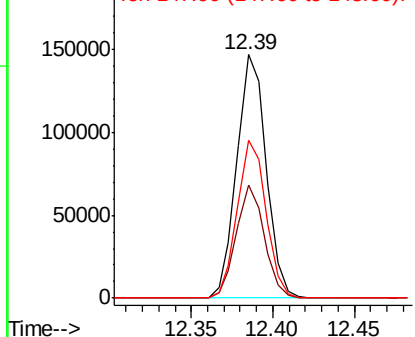


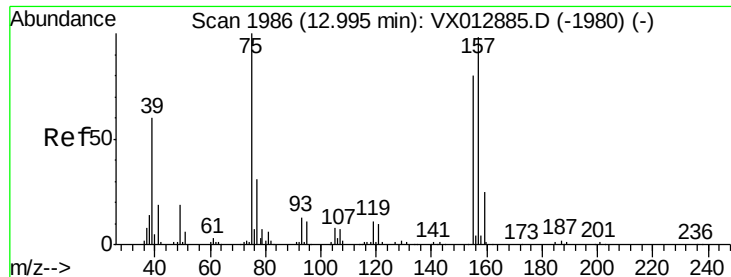
#91
1,2-Dichlorobenzene
Concen: 51.214 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012977.D
Acq: 10 Oct 2019 05:43

Tgt Ion:146 Resp: 184714
Ion Ratio Lower Upper
146 100
111 44.5 22.7 68.0
148 63.8 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 56.798 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Instrument :

MSVOA_X

ClientSampleId :

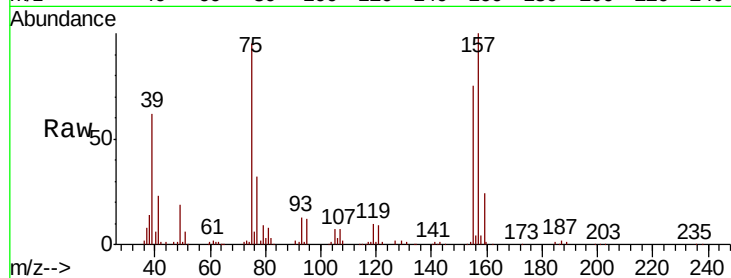
Tot Ion: 75 Resp: 37225

Ion	Ratio	Lower	Upper
75	100		
155	80.9	43.0	128.8
157	106.4	54.1	162.3

75 100

155 80.9 43.0 128.8

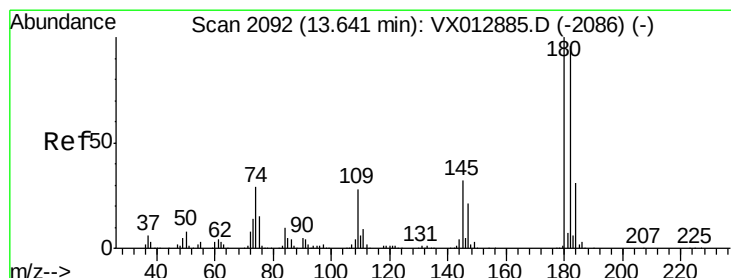
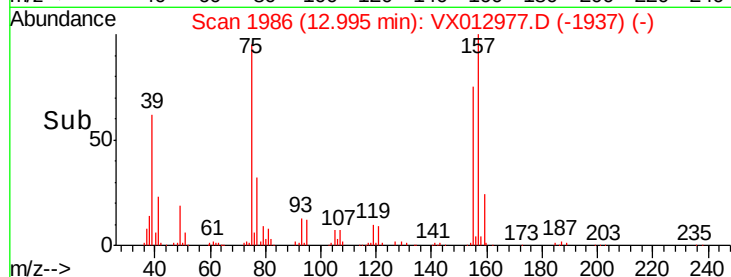
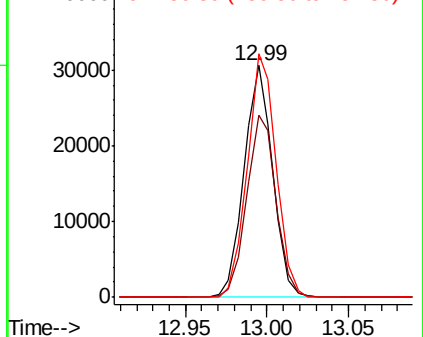
157 106.4 54.1 162.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 48.389 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

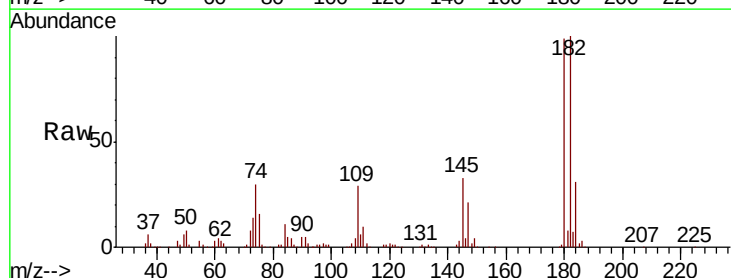
Tgt Ion:180 Resp: 109327

Ion	Ratio	Lower	Upper
180	100		
182	96.7	46.8	140.4
145	33.8	16.2	48.6

180 100

182 96.7 46.8 140.4

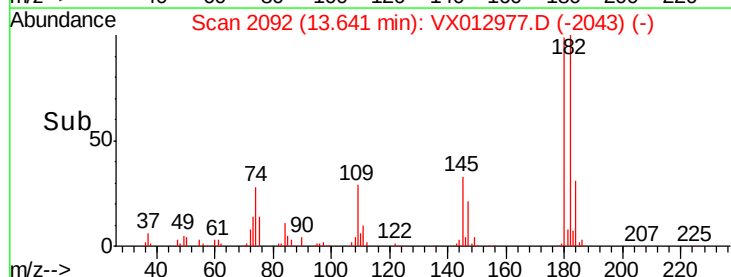
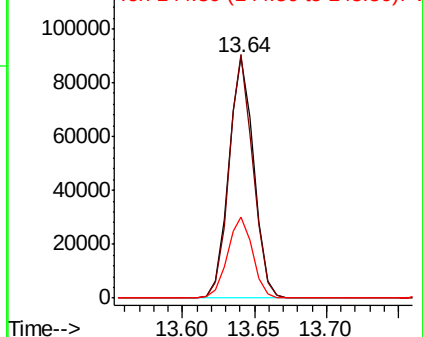
145 33.8 16.2 48.6

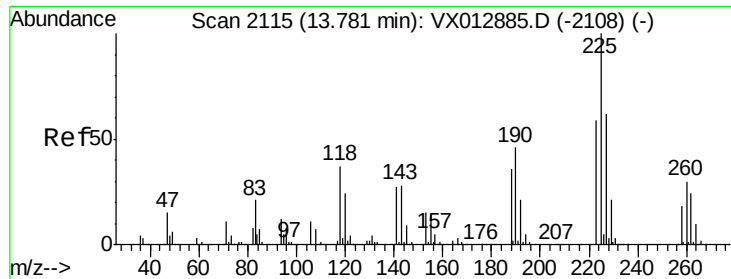


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 46.223 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

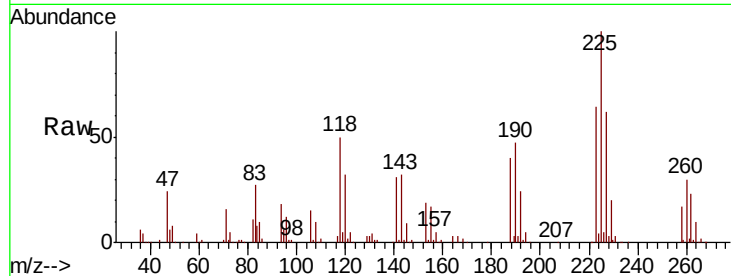
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:225 Resp: 48197

Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.1	93.2
227	62.7	32.3	96.9

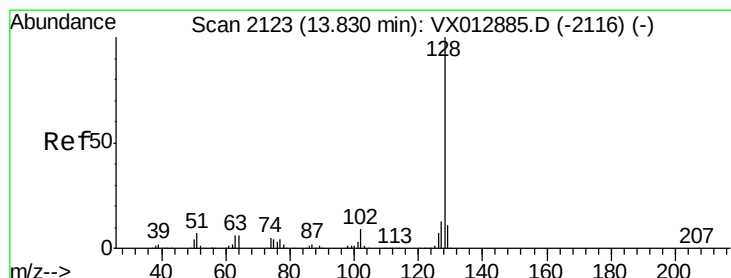
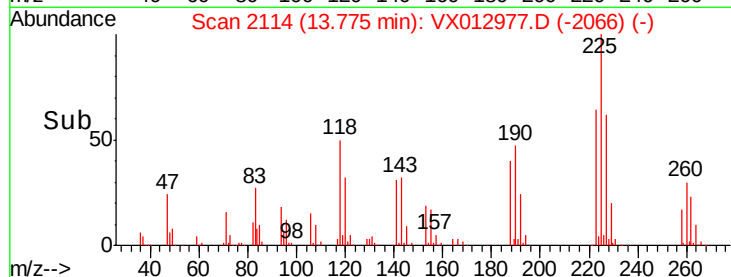
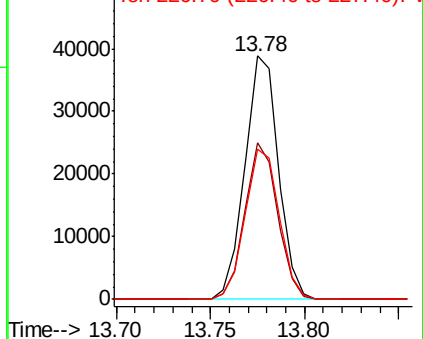


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 53.042 ug/l

RT: 13.83 min Scan# 2123

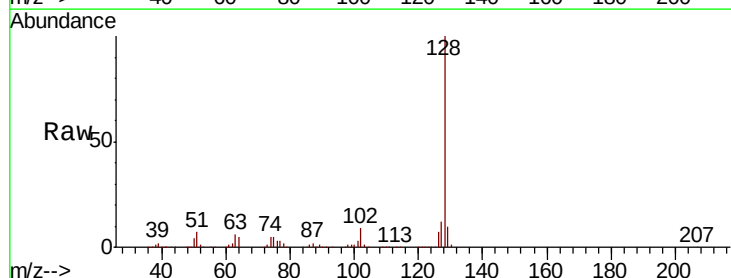
Delta R.T. -0.00 min

Lab File: VX012977.D

Acq: 10 Oct 2019 05:43

Tgt Ion:128 Resp: 415425

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.7	8.8	13.2

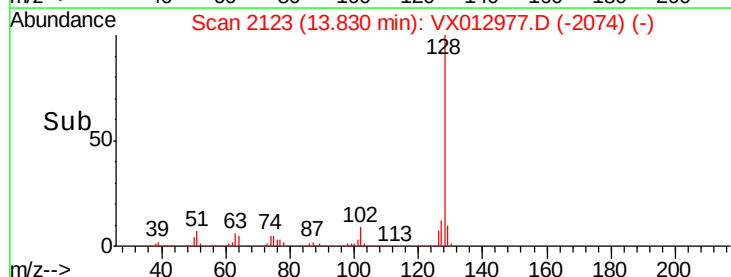
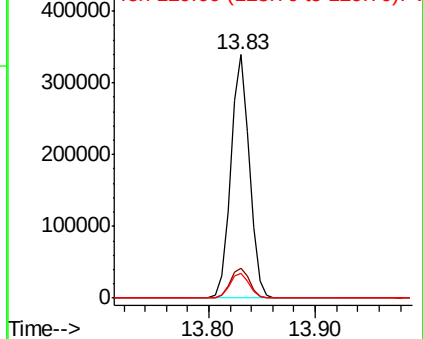


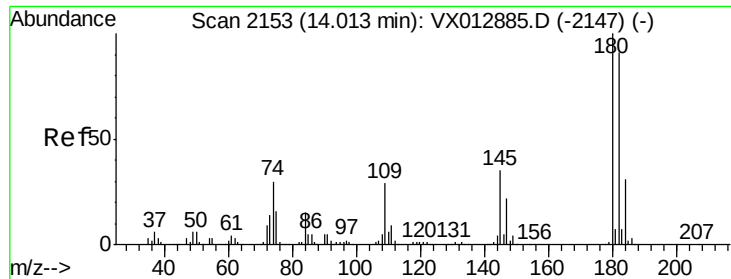
Abundance

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: 49.123 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX012977.D
 Acq: 10 Oct 2019 05:43

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.9	47.5	142.5
145	35.3	17.4	52.3

