

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100219\
 Data File : VX012750.D
 Acq On : 02 Oct 2019 10:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 03 01:25:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	192237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	321558	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	283242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	137304	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	120424	43.02	ug/l	0.00
Spiked Amount			Recovery	=	86.04%	
35) Dibromofluoromethane	5.48	113	92142	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	
50) Toluene-d8	8.71	98	347165	47.07	ug/l	0.00
Spiked Amount			Recovery	=	94.14%	
62) 4-Bromofluorobenzene	11.13	95	136453	47.06	ug/l	0.00
Spiked Amount			Recovery	=	94.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	94306	43.607	ug/l	99
3) Chloromethane	1.32	50	107318	43.216	ug/l	99
4) Vinyl Chloride	1.40	62	108965	44.146	ug/l	98
5) Bromomethane	1.62	94	39409	40.608	ug/l	100
6) Chloroethane	1.70	64	69805	41.950	ug/l	95
7) Trichlorofluoromethane	1.92	101	158244	45.662	ug/l	98
8) Diethyl Ether	2.18	74	62190	43.789	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	102041	48.343	ug/l	96
10) Methyl Iodide	2.50	142	103026	46.695	ug/l	93
11) Tert butyl alcohol	3.04	59	152976	218.758	ug/l	99
12) 1,1-Dichloroethene	2.36	96	97594	47.218	ug/l	99
13) Acrolein	2.28	56	78023	202.325	ug/l	98
14) Allyl chloride	2.72	41	184516	44.996	ug/l	96
15) Acrylonitrile	3.13	53	319298	225.060	ug/l	98
16) Acetone	2.43	43	391741	264.197	ug/l	99
17) Carbon Disulfide	2.56	76	247056	42.637	ug/l	99
18) Methyl Acetate	2.76	43	151626	43.428	ug/l	95
19) Methyl tert-butyl Ether	3.18	73	360263	46.050	ug/l	97
20) Methylene Chloride	2.84	84	113783	45.370	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	105117	45.906	ug/l	96
22) Diisopropyl ether	3.84	45	360616	45.511	ug/l	93
23) Vinyl Acetate	3.80	43	1578488	227.163	ug/l	97
24) 1,1-Dichloroethane	3.69	63	198278	46.035	ug/l	99
25) 2-Butanone	4.65	43	496323	233.448	ug/l	96
26) 2,2-Dichloropropane	4.56	77	175986	45.941	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	121785	45.837	ug/l	94
28) Bromochloromethane	5.00	49	70478	45.065	ug/l	95
29) Tetrahydrofuran	5.11	42	281840	217.496	ug/l	96
30) Chloroform	5.20	83	199964	45.379	ug/l	99
31) Cyclohexane	5.56	56	178503	45.811	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	178063	45.594	ug/l	99
36) 1,1-Dichloropropene	5.79	75	148618	47.950	ug/l	98
37) Ethyl Acetate	4.81	43	166640	45.987	ug/l	98
38) Carbon Tetrachloride	5.77	117	153804	48.850	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	182969	49.036	ug/l	99
40) Benzene	6.13	78	445260	48.825	ug/l	99
41) Methacrylonitrile	5.02	41	95044	46.748	ug/l	95
42) 1,2-Dichloroethane	6.18	62	164817	47.593	ug/l	98
43) Isopropyl Acetate	6.43	43	274219	45.252	ug/l	98
44) Trichloroethene	7.20	130	115642	49.603	ug/l	97
45) 1,2-Dichloropropane	7.50	63	114701	49.126	ug/l	99
46) Dibromomethane	7.65	93	77513	48.760	ug/l	97
47) Bromodichloromethane	7.89	83	156384	49.222	ug/l	97
48) Methyl methacrylate	7.76	41	133567	45.968	ug/l	93
49) 1,4-Dioxane	7.73	88	63472	963.080	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	865056	231.260	ug/l	96
52) Toluene	8.78	92	285047	49.732	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	175934	50.049	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	190615	49.664	ug/l	90
55) 1,1,2-Trichloroethane	9.21	97	113505	49.810	ug/l	99
56) Ethyl methacrylate	9.17	69	186420	48.695	ug/l	92
57) 1,3-Dichloropropane	9.36	76	195705	49.071	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	422109	245.636	ug/l	99
59) 2-Hexanone	9.48	43	699756	244.395	ug/l	94
60) Dibromochloromethane	9.57	129	119096	51.629	ug/l	99
61) 1,2-Dibromoethane	9.67	107	118121	49.807	ug/l	99
64) Tetrachloroethene	9.33	164	108177	54.778	ug/l	94
65) Chlorobenzene	10.14	112	296852	49.770	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	110369	51.071	ug/l	98
67) Ethyl Benzene	10.25	91	546079	50.479	ug/l	100
68) m/p-Xylenes	10.36	106	412934	101.897	ug/l	99
69) o-Xylene	10.70	106	198794	50.697	ug/l	99
70) Styrene	10.71	104	347296	52.832	ug/l	98
71) Bromoform	10.85	173	80446	53.461	ug/l	99
73) Isopropylbenzene	11.01	105	540650	48.346	ug/l	100
74) N-amyl acetate	10.89	43	241340	45.237	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	176807	47.739	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	210096	57.845	ug/l	86
77) Bromobenzene	11.25	156	121530	48.016	ug/l	99
78) n-propylbenzene	11.35	91	591705	46.998	ug/l	99
79) 2-Chlorotoluene	11.42	91	362909	46.207	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	452732	48.277	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	58567	46.211	ug/l	98
82) 4-Chlorotoluene	11.51	91	423928	47.350	ug/l	99
83) tert-Butylbenzene	11.76	119	432240	47.781	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	457482	48.359	ug/l	100
85) sec-Butylbenzene	11.94	105	528599	50.239	ug/l	100
86) p-Isopropyltoluene	12.06	119	481651	50.733	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	229907	50.475	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	230164	50.007	ug/l	99
89) n-Butylbenzene	12.39	91	418485	50.022	ug/l	99
90) Hexachloroethane	12.59	117	82364	48.662	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	227990	49.997	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	43275	46.710	ug/l	99

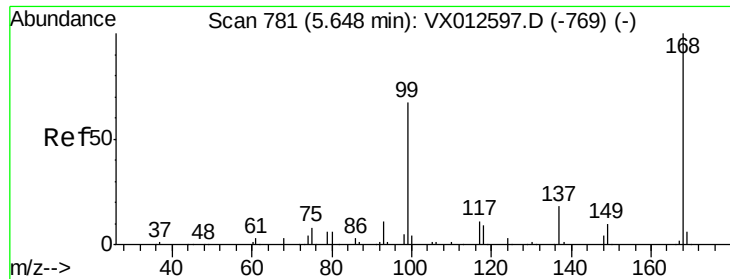
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QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	142366	51.193	ug/l	98
94) Hexachlorobutadiene	13.78	225	65486	54.737	ug/l	99
95) Naphthalene	13.83	128	503047	49.997	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	144084	51.722	ug/l	99

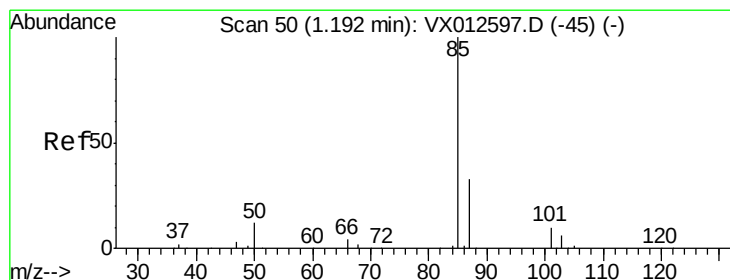
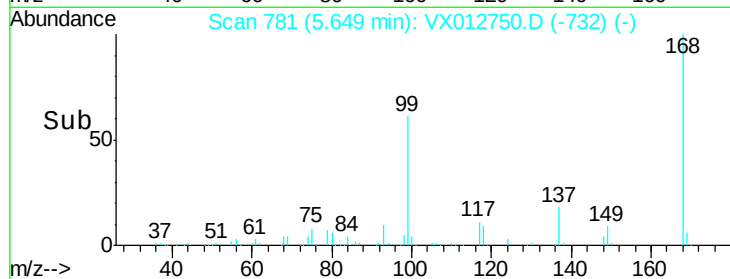
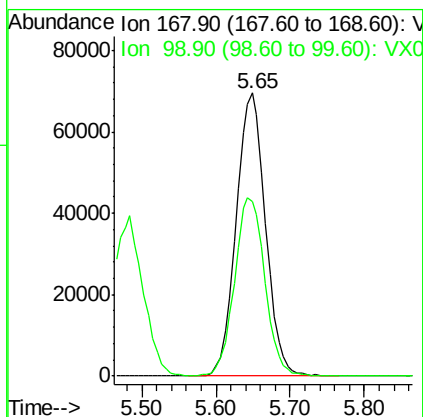
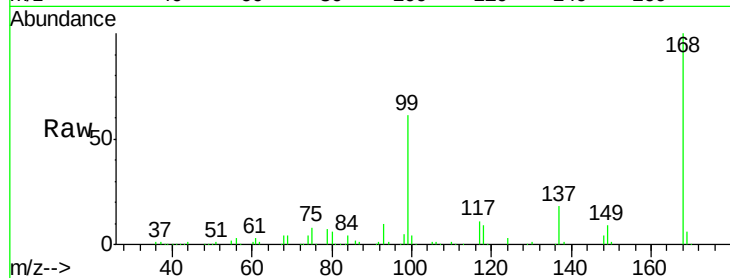
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

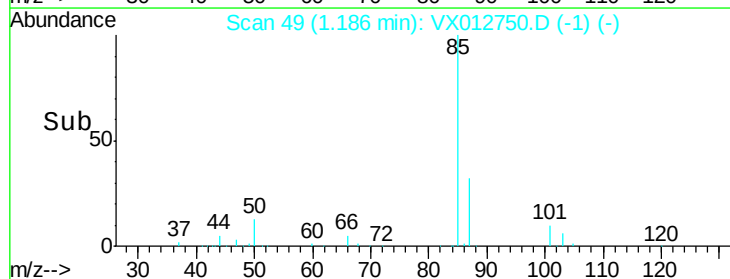
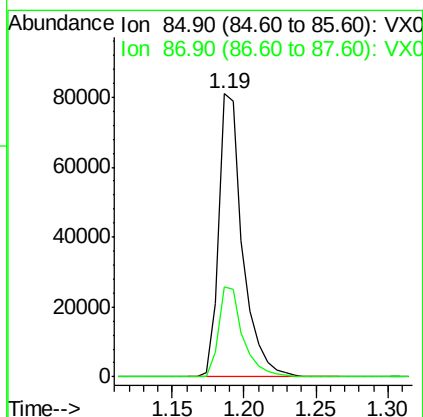
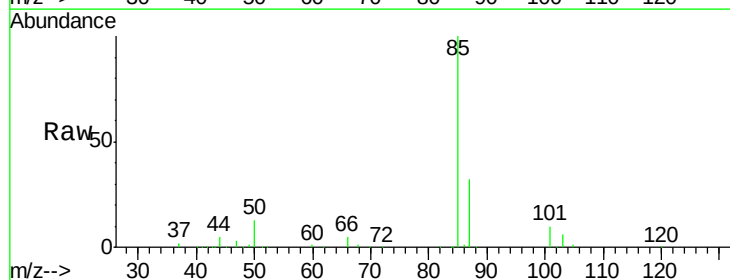
Instrument :
MSVOA_X
ClientSampleId :

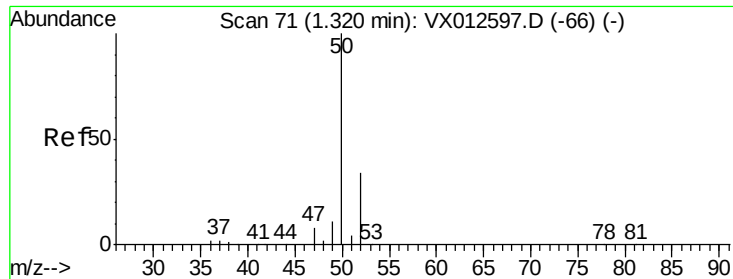
Tot Ion:168 Resp: 192237
Ion Ratio Lower Upper
168 100
99 61.2 51.4 77.2



#2
Dichlorodifluoromethane
Concen: 43.607 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

Tgt Ion: 85 Resp: 94306
Ion Ratio Lower Upper
85 100
87 31.7 15.6 46.8





#3

Chloromethane

Concen: 43.216 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

Instrument :

MSVOA_X

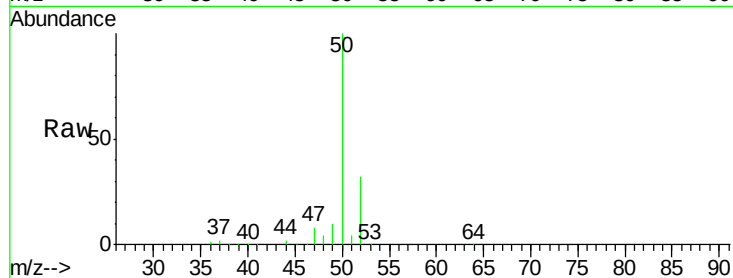
ClientSampled :

Tot Ion: 50 Resp: 107318

Ion Ratio Lower Upper

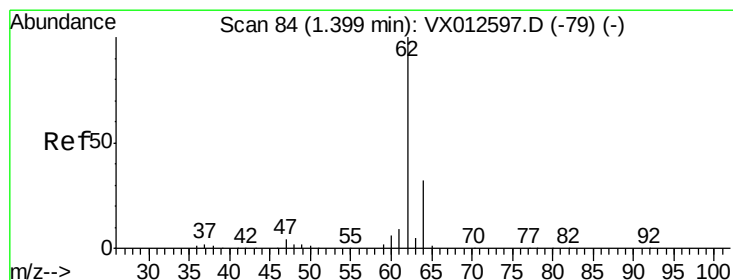
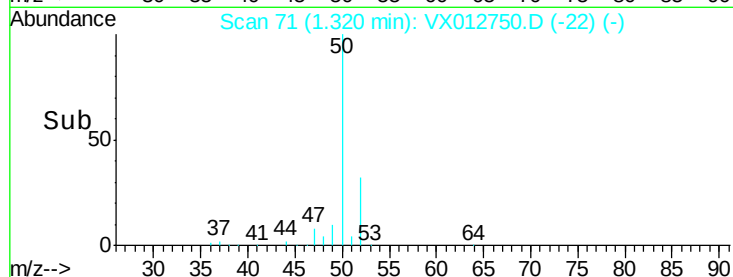
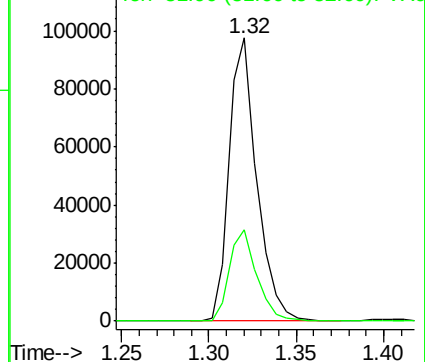
50 100

52 32.4 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.146 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012750.D

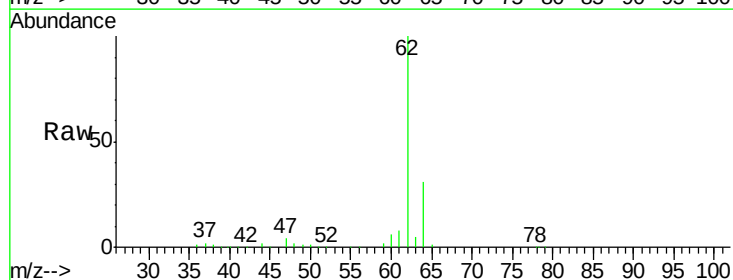
Acq: 02 Oct 2019 10:03

Tgt Ion: 62 Resp: 108965

Ion Ratio Lower Upper

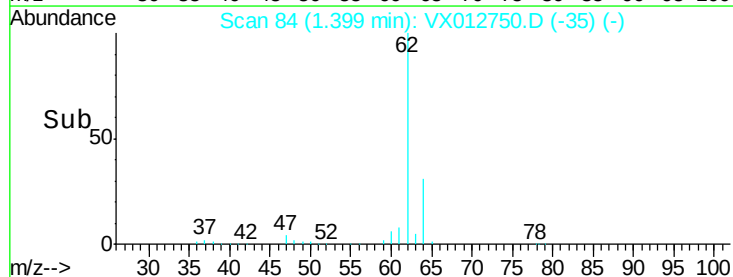
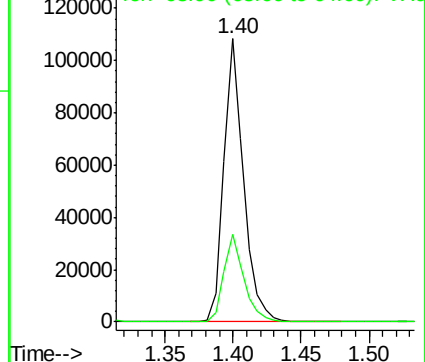
62 100

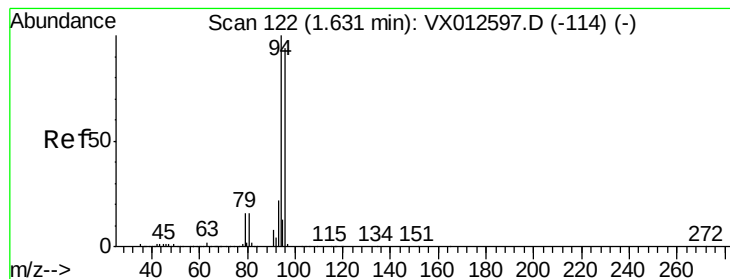
64 31.0 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 40.608 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

Instrument :

MSVOA_X

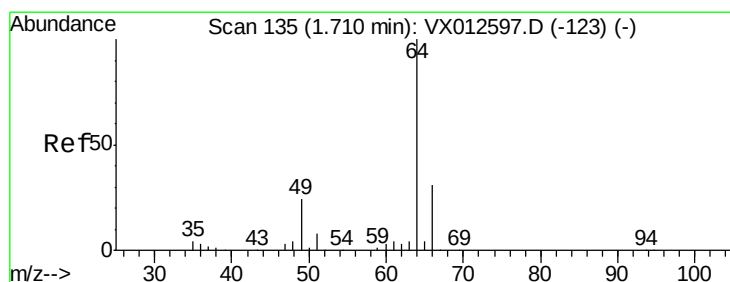
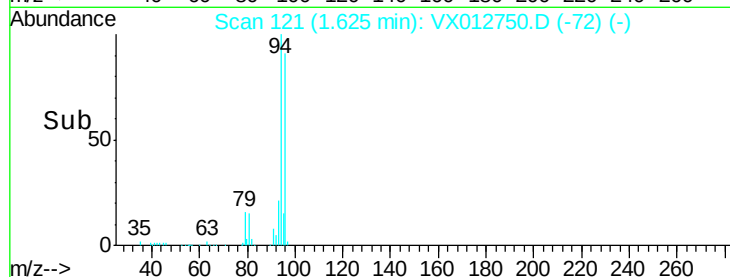
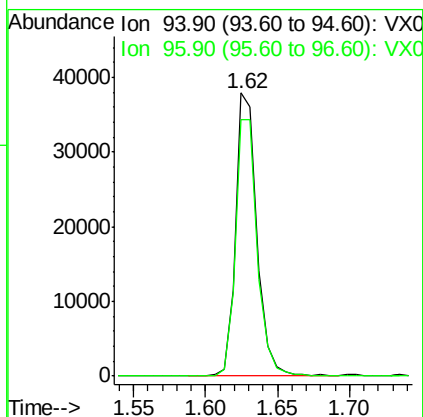
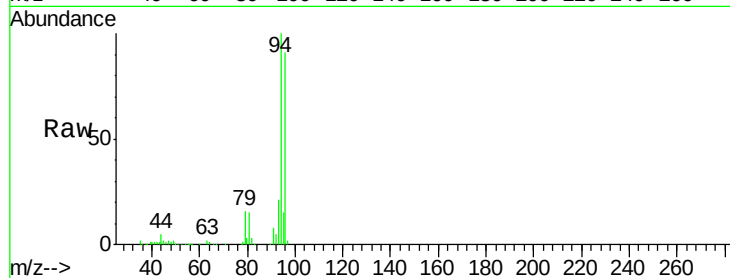
ClientSampleId :

Tot Ion: 94 Resp: 39409

Ion Ratio Lower Upper

94 100

96 90.7 72.8 109.2



#6

Chloroethane

Concen: 41.950 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012750.D

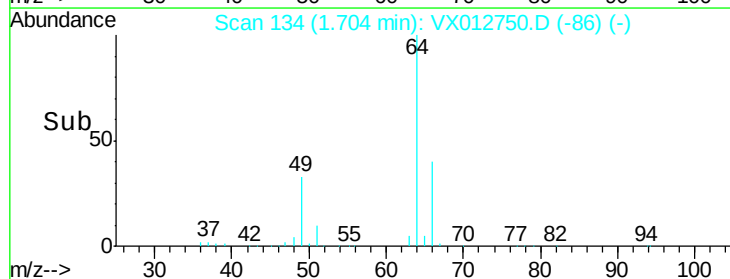
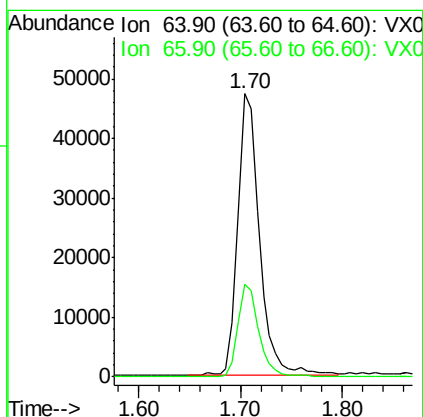
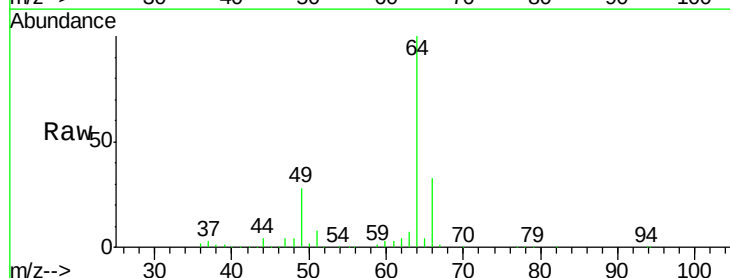
Acq: 02 Oct 2019 10:03

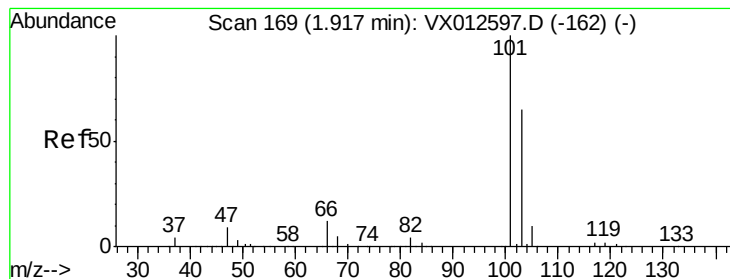
Tgt Ion: 64 Resp: 69805

Ion Ratio Lower Upper

64 100

66 32.7 24.0 36.0



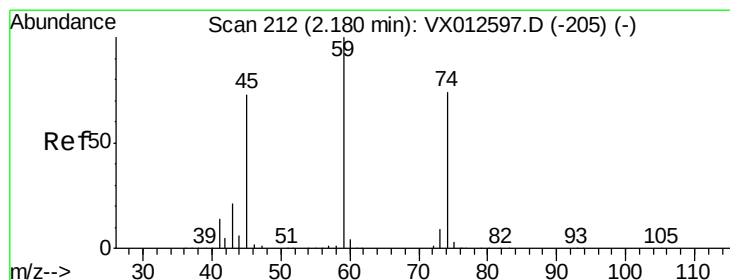
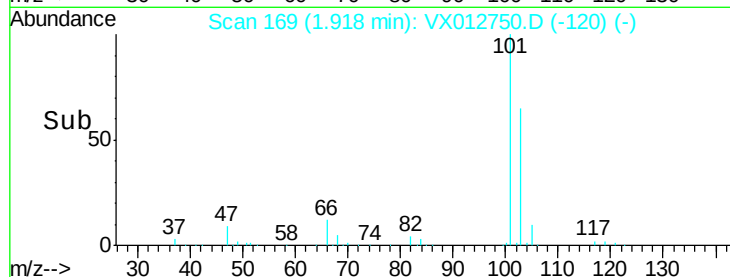
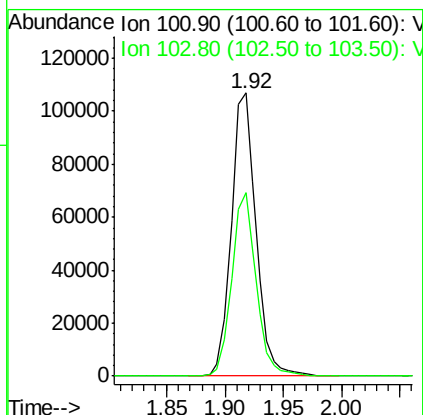
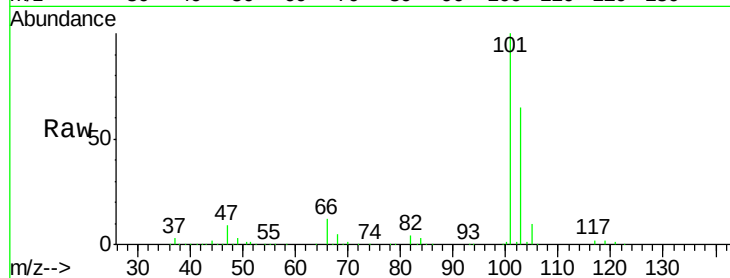


#7

Trichlorofluoromethane
Concen: 45.662 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

Instrument :
MSVOA_X
ClientSampleId :

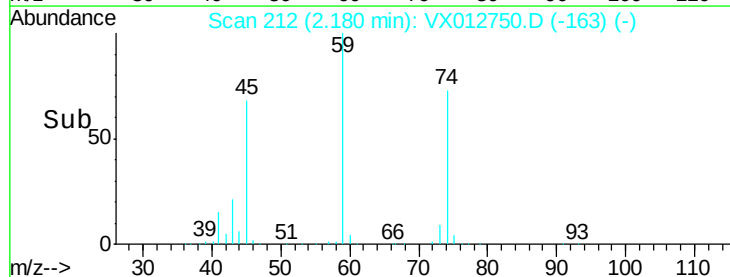
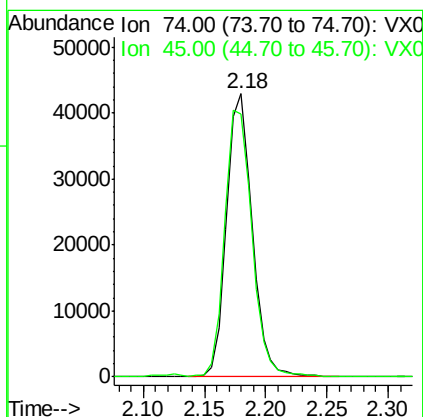
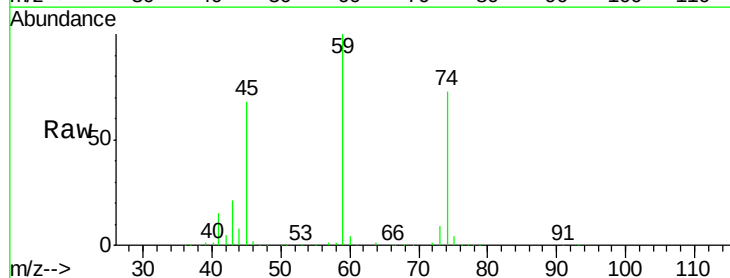
Tot Ion:101 Resp: 158244
Ion Ratio Lower Upper
101 100
103 64.9 51.0 76.4

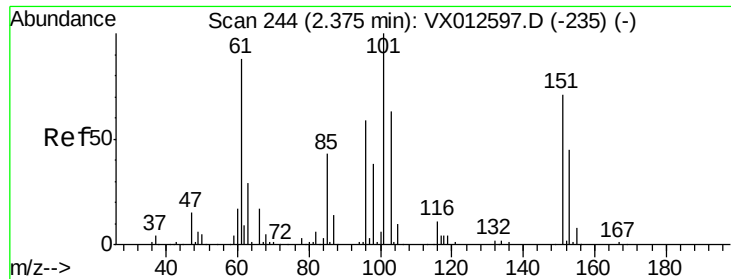


#8

Diethyl Ether
Concen: 43.789 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

Tgt Ion: 74 Resp: 62190
Ion Ratio Lower Upper
74 100
45 99.3 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.343 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

Instrument :

MSVOA_X

ClientSampleId :

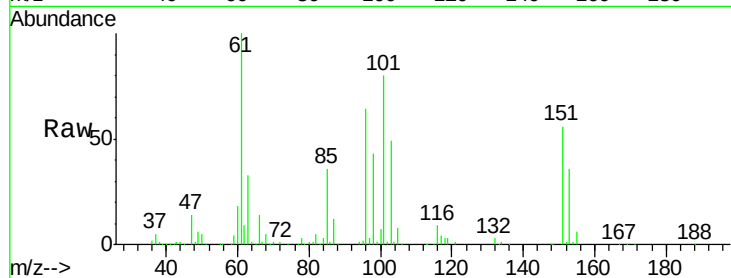
Tot Ion:101 Resp: 102041

Ion Ratio Lower Upper

101 100

85 43.9 37.3 55.9

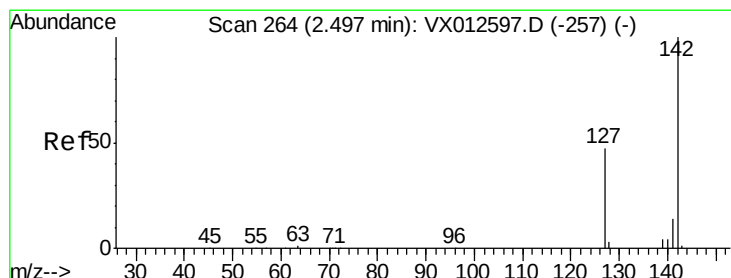
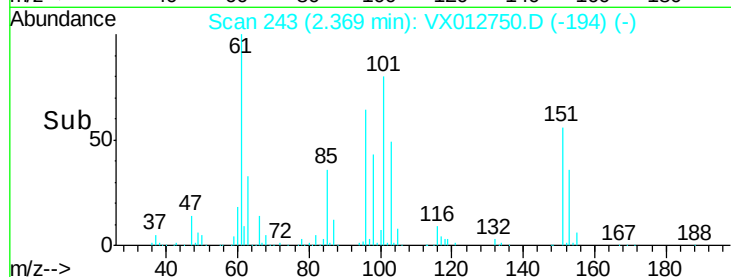
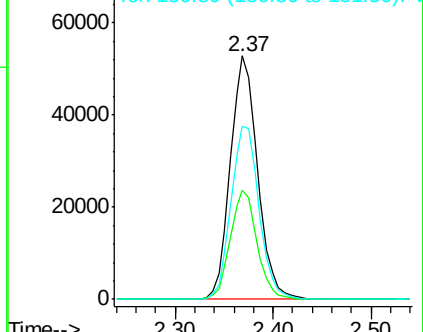
151 73.4 61.0 91.4



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: 46.695 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

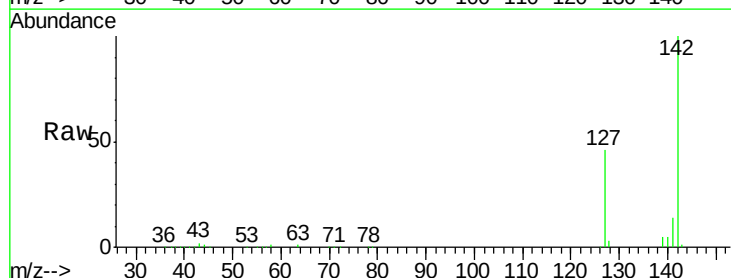
Tgt Ion:142 Resp: 103026

Ion Ratio Lower Upper

142 100

127 45.5 40.8 61.2

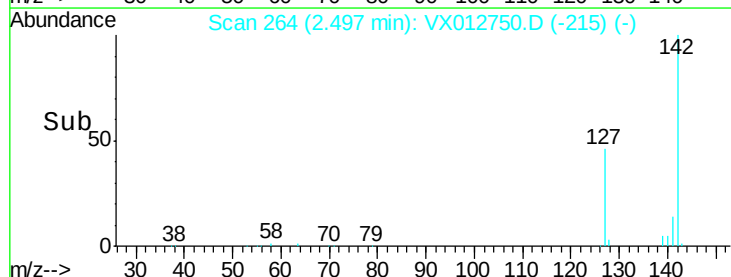
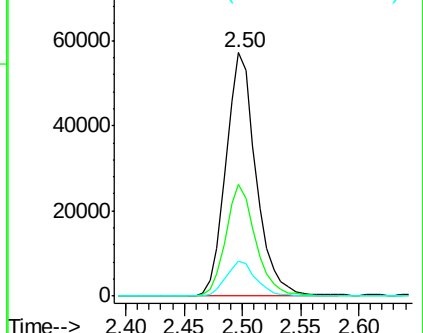
141 14.3 12.1 18.1

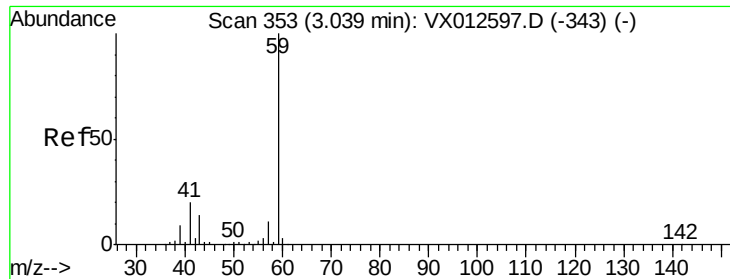


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

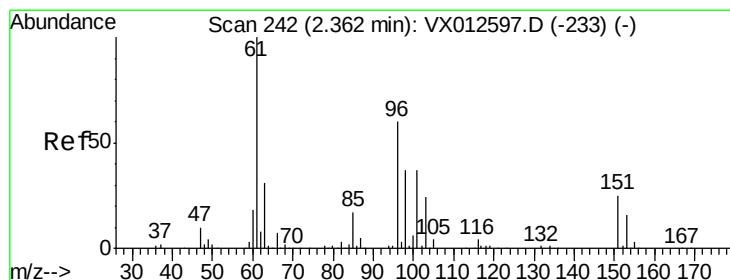
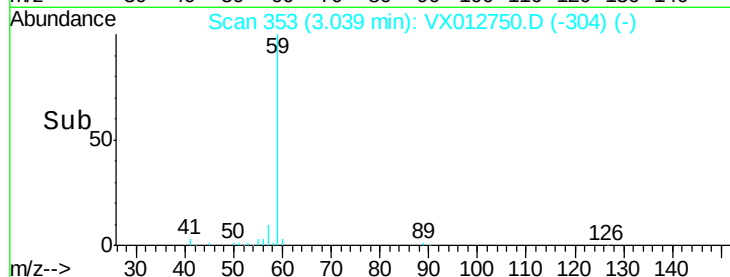
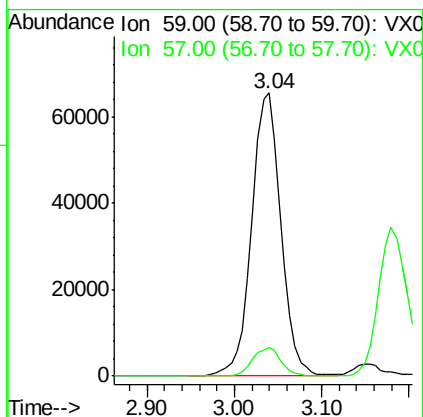
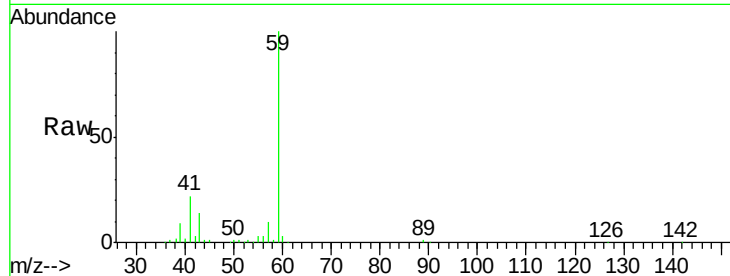




#11
Tert butyl alcohol
Concen: 218.758 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

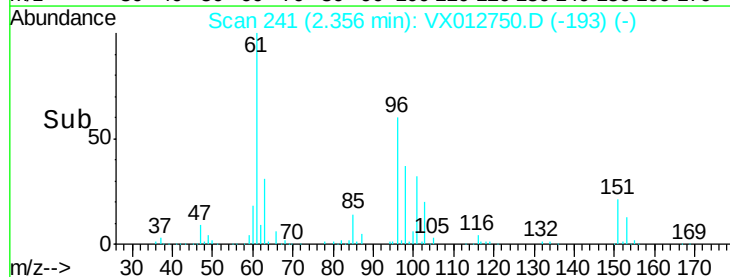
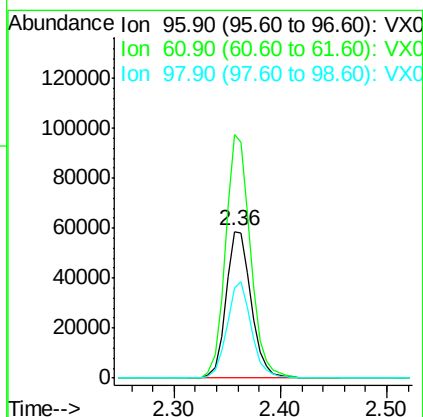
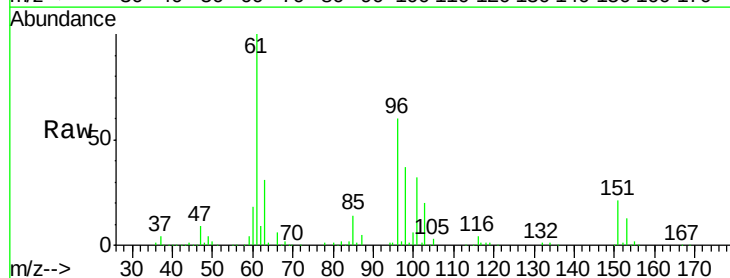
Instrument :
MSVOA_X
ClientSampleId :

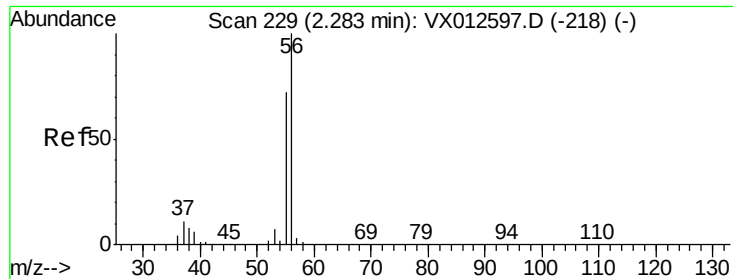
Tot Ion: 59 Resp: 152976
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5



#12
1,1-Dichloroethene
Concen: 47.218 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

Tgt Ion: 96 Resp: 97594
Ion Ratio Lower Upper
96 100
61 166.0 133.8 200.6
98 61.0 49.9 74.9





#13

Acrolein

Concen: 202.325 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

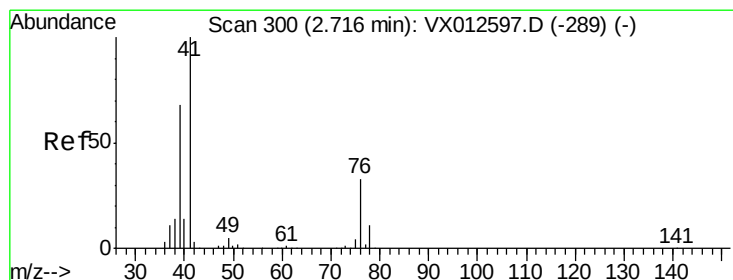
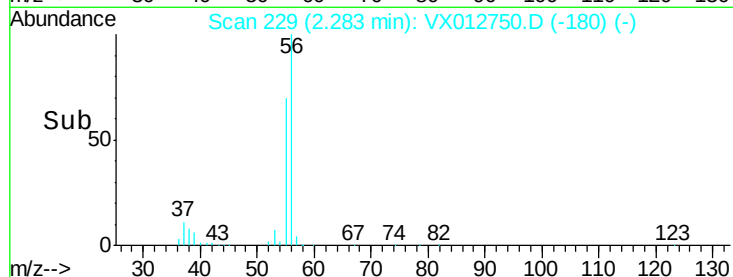
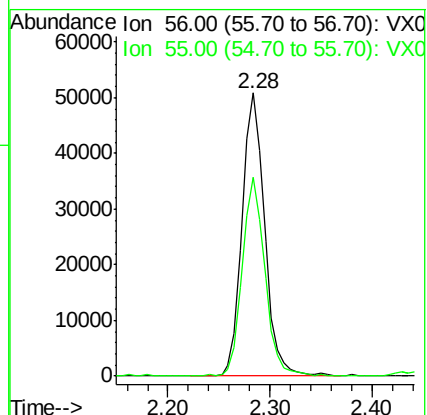
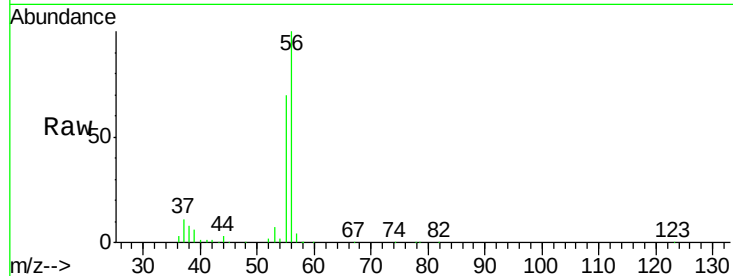
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 78023

Ion Ratio Lower Upper

56 100

55 71.3 55.8 83.8



#14

Allyl chloride

Concen: 44.996 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

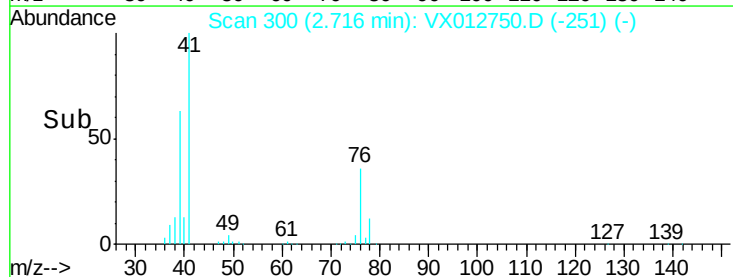
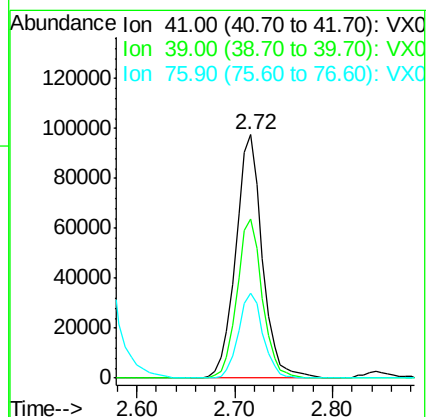
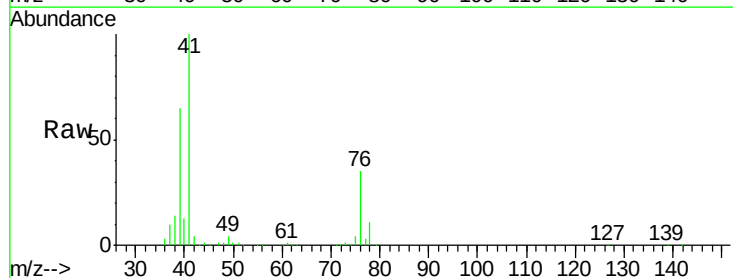
Tgt Ion: 41 Resp: 184516

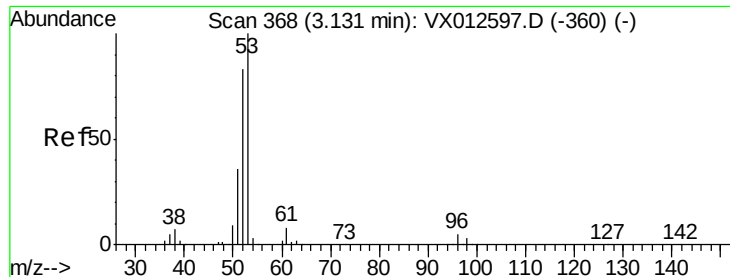
Ion Ratio Lower Upper

41 100

39 62.3 51.3 76.9

76 32.5 22.6 33.8





#15

Acrylonitrile

Concen: 225.060 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

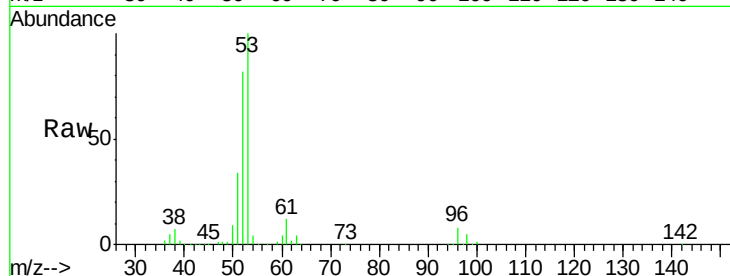
Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 319298

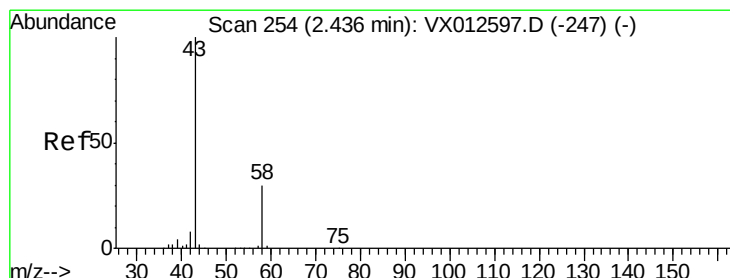
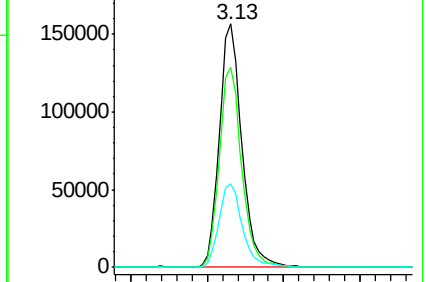
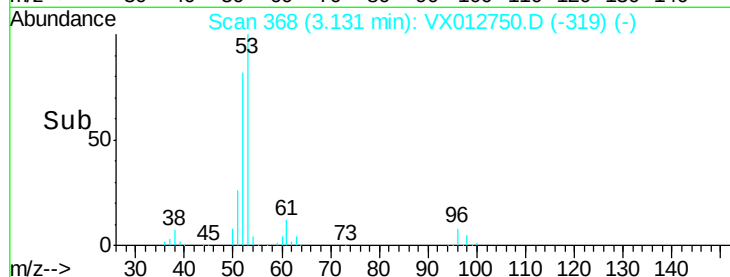
Ion	Ratio	Lower	Upper
53	100		
52	82.0	67.0	100.4
51	36.0	29.6	44.4



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: 264.197 ug/l

RT: 2.43 min Scan# 253

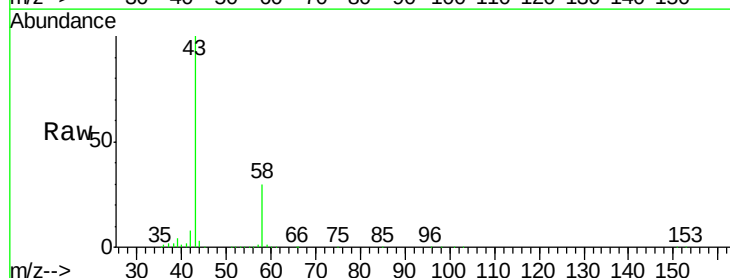
Delta R.T. -0.01 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

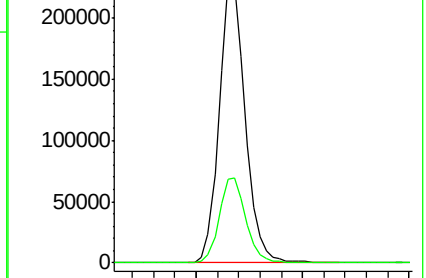
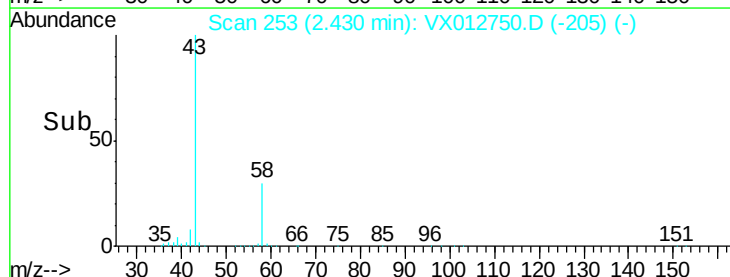
Tgt Ion: 43 Resp: 391741

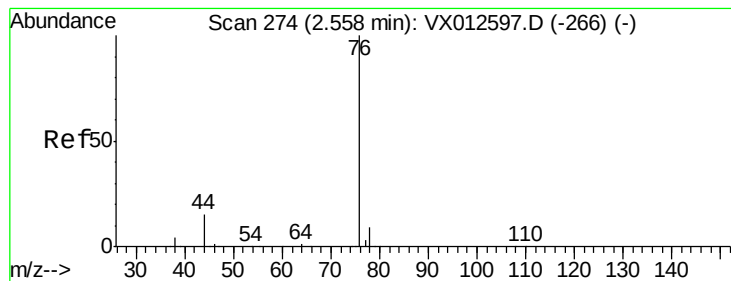
Ion	Ratio	Lower	Upper
43	100		
58	29.6	23.3	34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 42.637 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

Instrument :

MSVOA_X

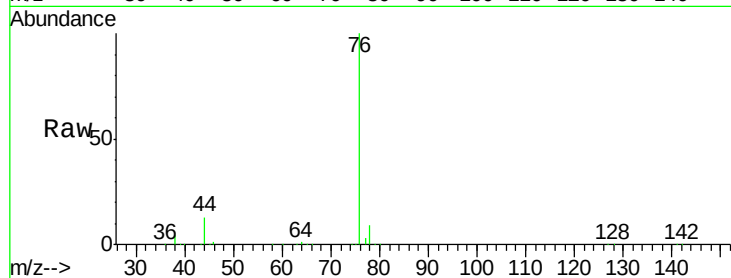
ClientSampled :

Tot Ion: 76 Resp: 247056

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

150000

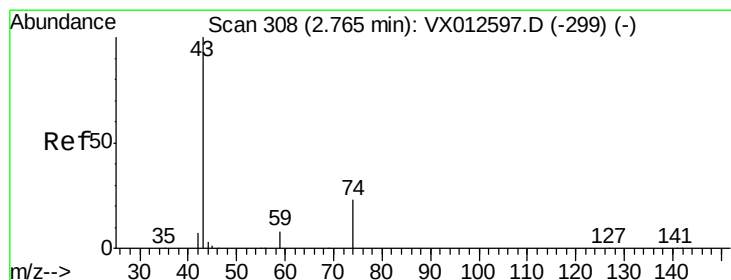
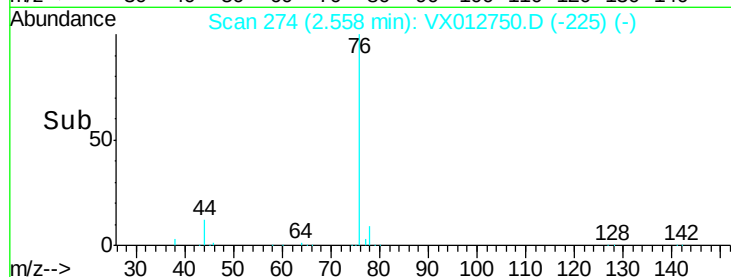
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 43.428 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012750.D

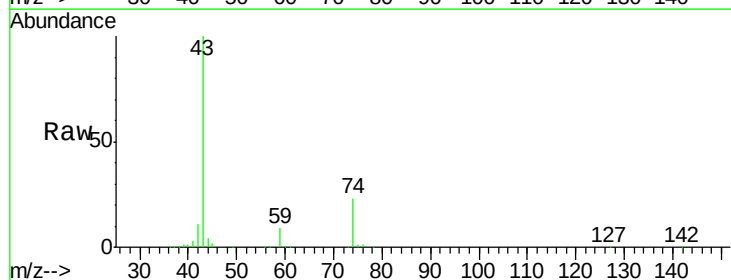
Acq: 02 Oct 2019 10:03

Tgt Ion: 43 Resp: 151626

Ion Ratio Lower Upper

43 100

74 24.3 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

100000

80000

60000

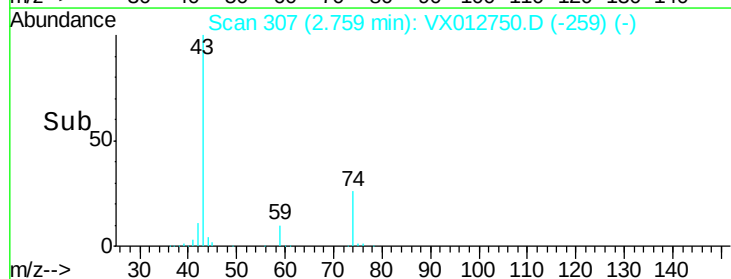
40000

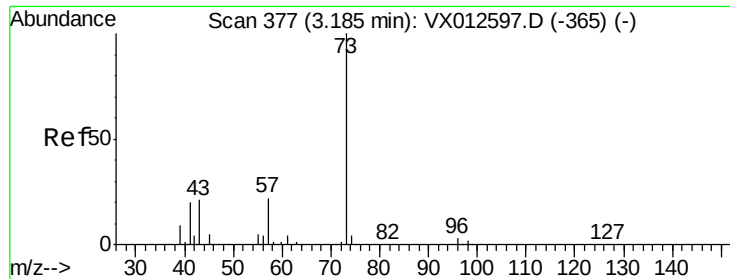
20000

0

Time-->

2.70 2.80

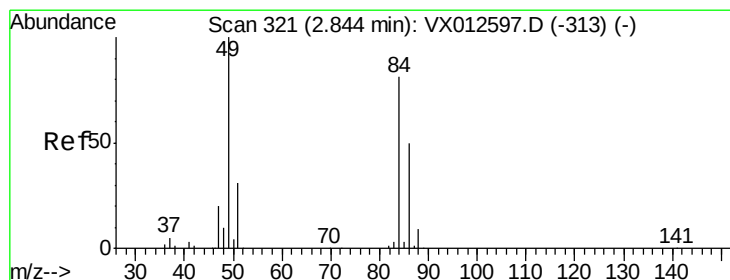
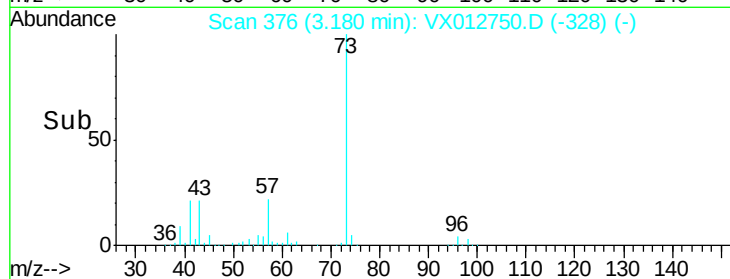
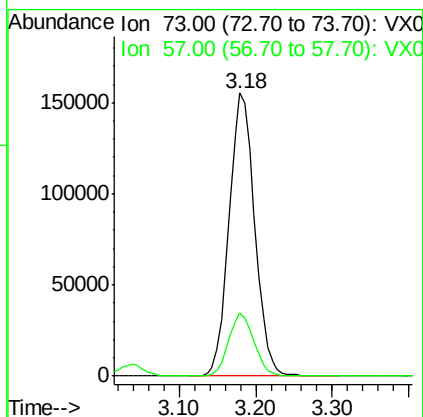
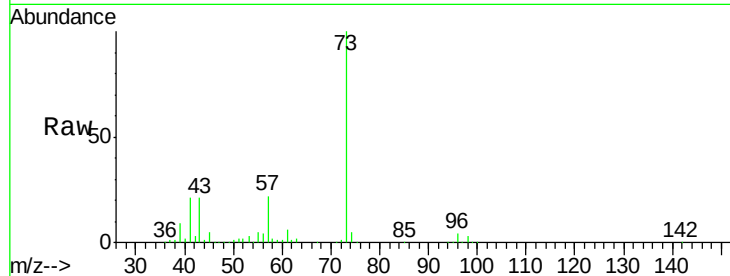




#19
Methyl tert-butyl Ether
Concen: 46.050 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

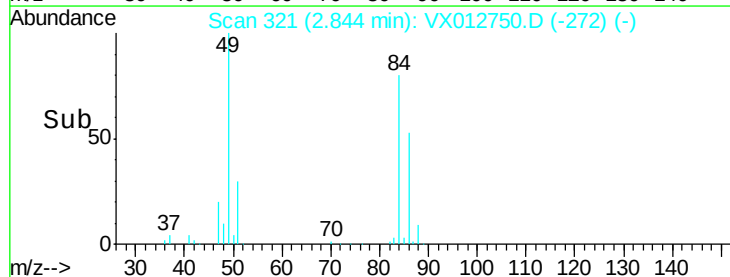
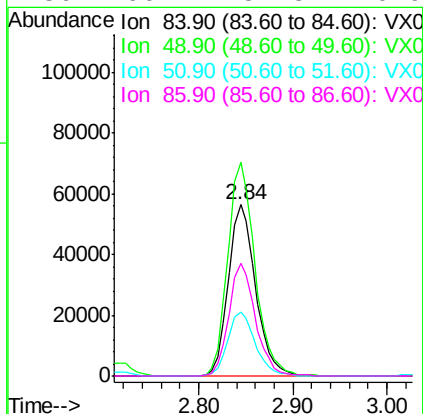
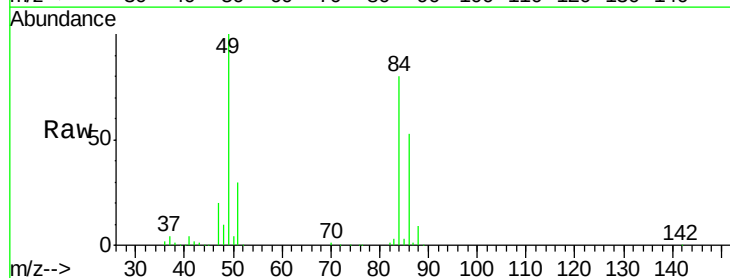
Instrument :
MSVOA_X
ClientSampleId :

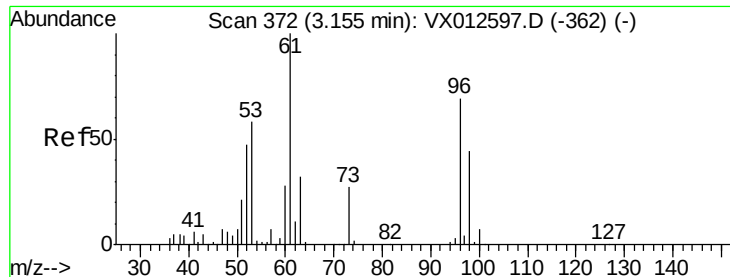
Tot Ion: 73 Resp: 360263
Ion Ratio Lower Upper
73 100
57 22.3 16.8 25.2



#20
Methylene Chloride
Concen: 45.370 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

Tgt Ion: 84 Resp: 113783
Ion Ratio Lower Upper
84 100
49 124.9 106.8 160.2
51 37.2 32.3 48.5
86 66.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 45.906 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.00 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

Instrument :

MSVOA_X

ClientSampled :

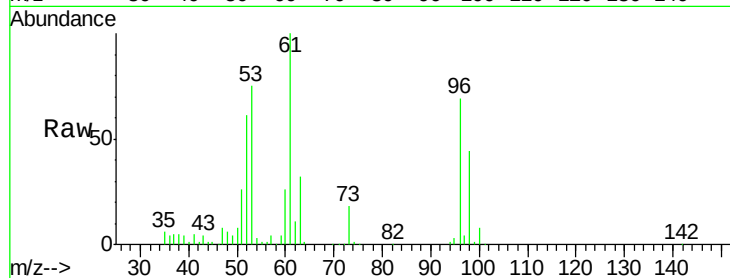
Tot Ion: 96 Resp: 105117

Ion Ratio Lower Upper

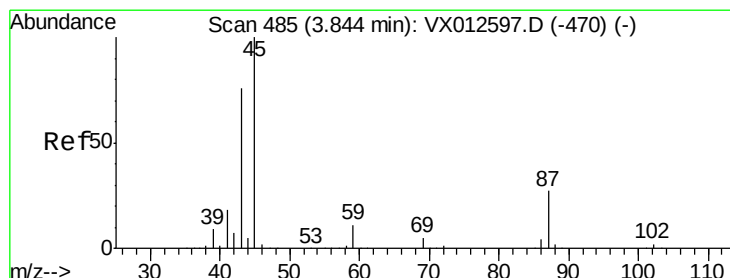
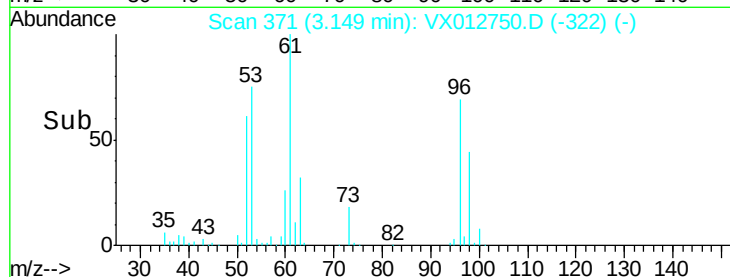
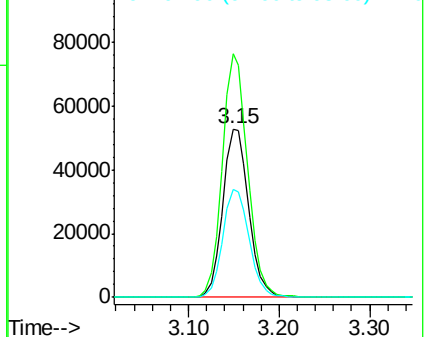
96 100

61 144.6 112.0 168.0

98 63.9 47.8 71.8



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



#22

Diisopropyl ether

Concen: 45.511 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

Tgt Ion: 45 Resp: 360616

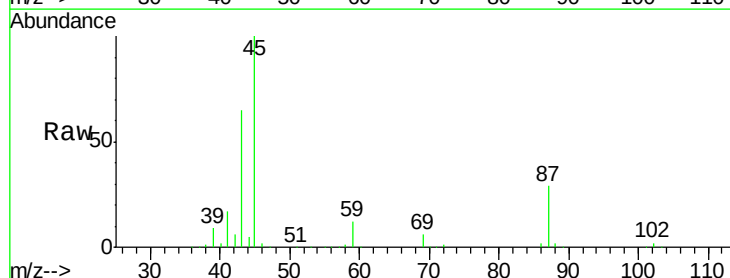
Ion Ratio Lower Upper

45 100

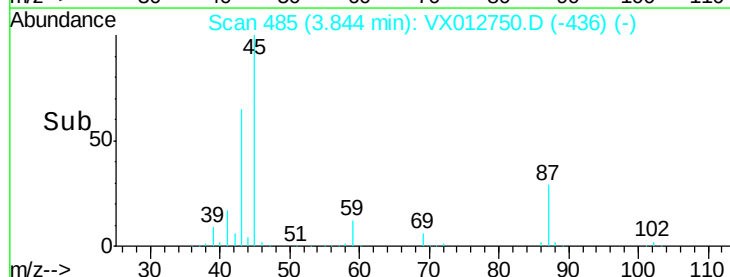
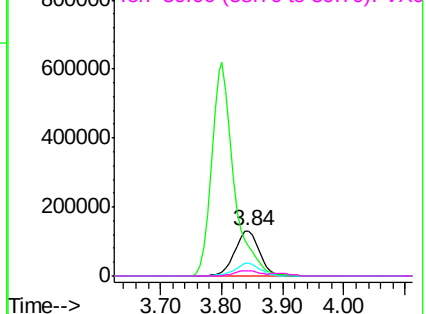
43 64.8 57.8 86.8

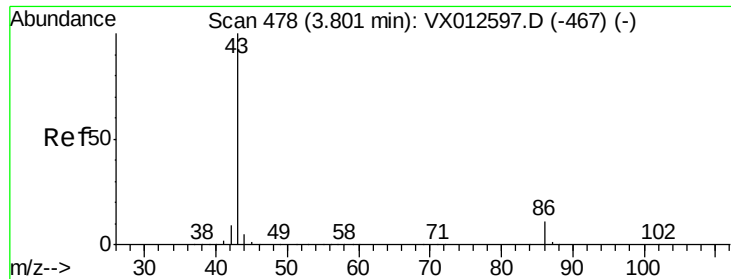
87 28.6 21.3 31.9

59 11.6 8.5 12.7



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: 227.163 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

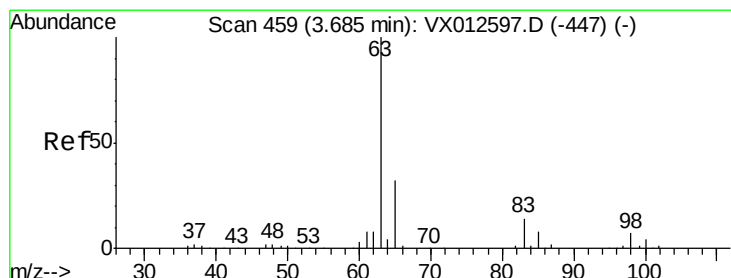
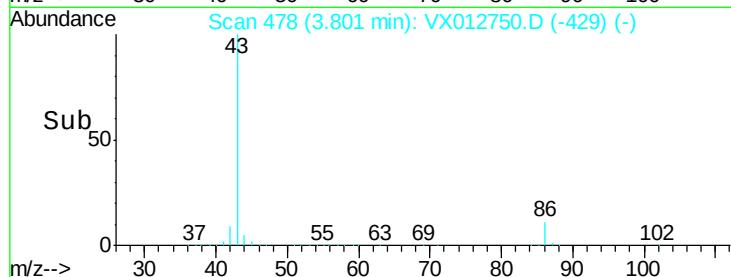
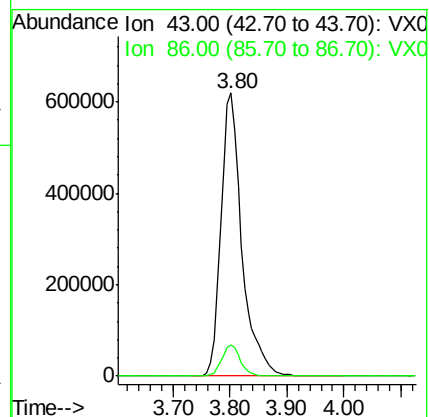
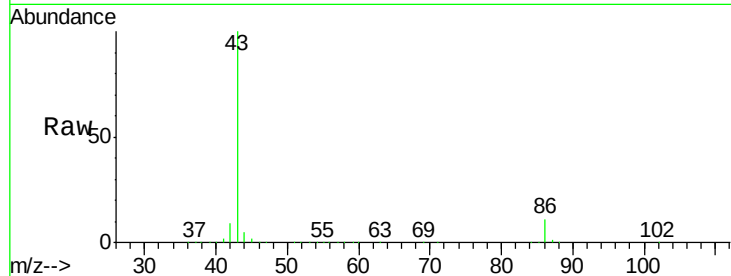
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1578488

Ion Ratio Lower Upper

43 100

86 10.8 7.8 11.8



#24

1,1-Dichloroethane

Concen: 46.035 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

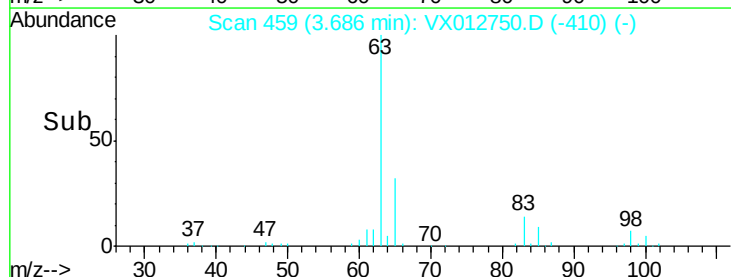
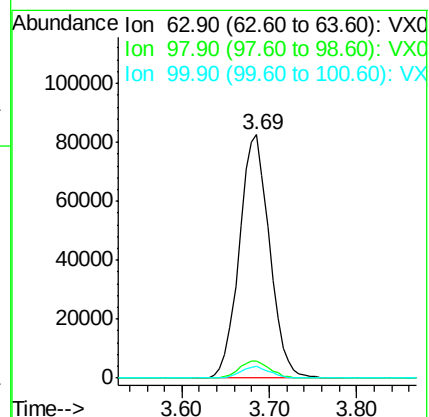
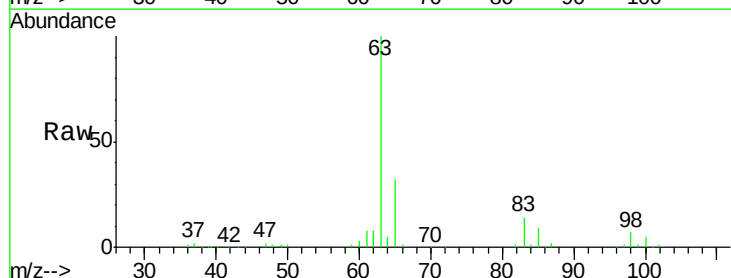
Tgt Ion: 63 Resp: 198278

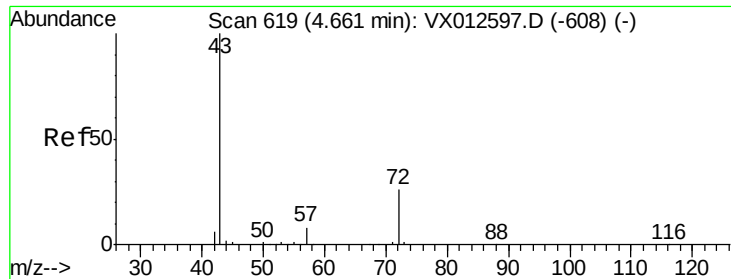
Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.7

100 4.7 2.3 6.9





#25

2-Butanone

Concen: 233.448 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

Instrument :

MSVOA_X

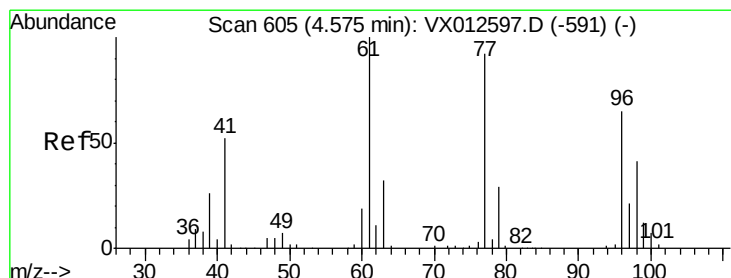
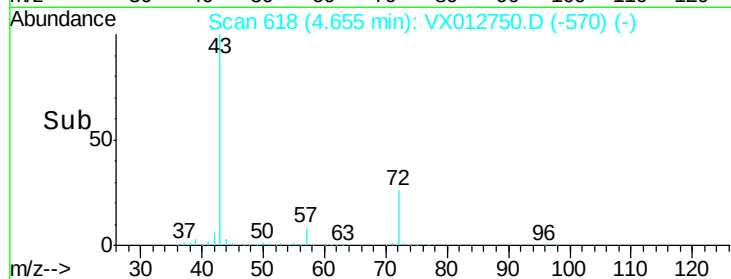
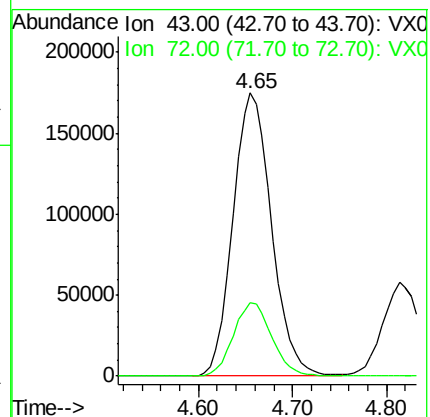
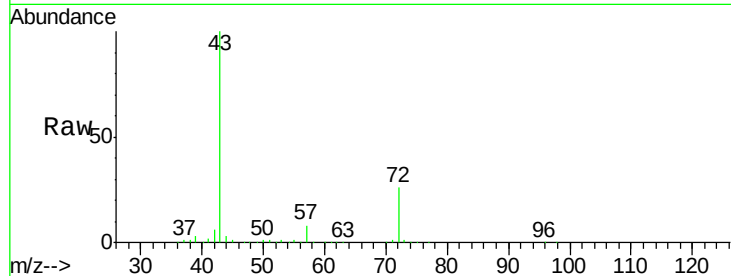
ClientSampleId :

Tot Ion: 43 Resp: 496323

Ion Ratio Lower Upper

43 100

72 26.0 19.2 28.8



#26

2,2-Dichloropropane

Concen: 45.941 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012750.D

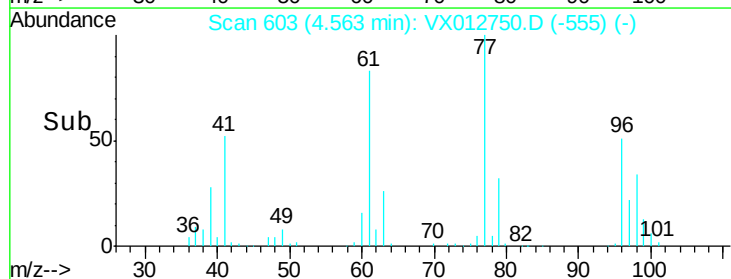
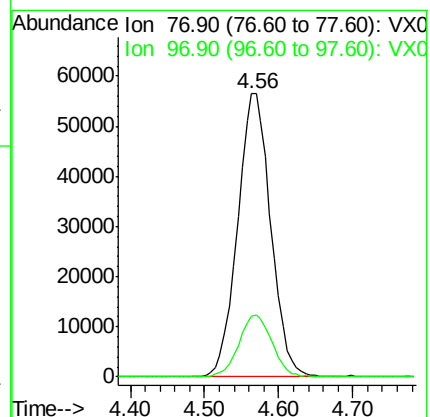
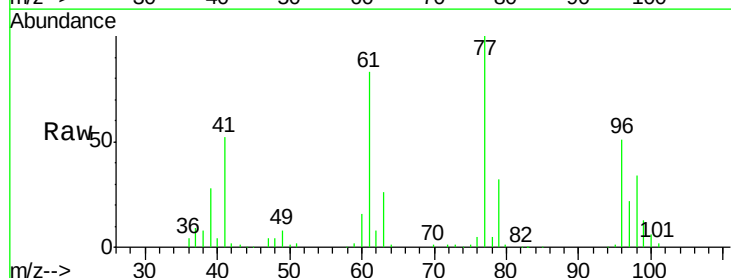
Acq: 02 Oct 2019 10:03

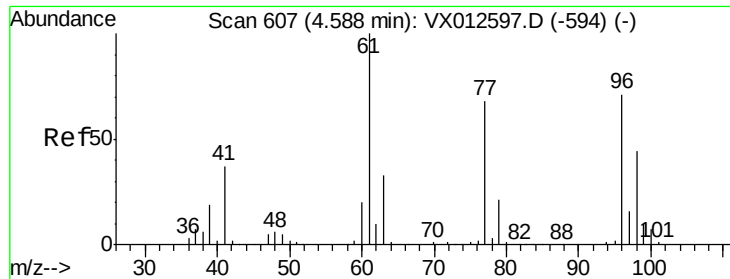
Tgt Ion: 77 Resp: 175986

Ion Ratio Lower Upper

77 100

97 22.0 10.5 31.6



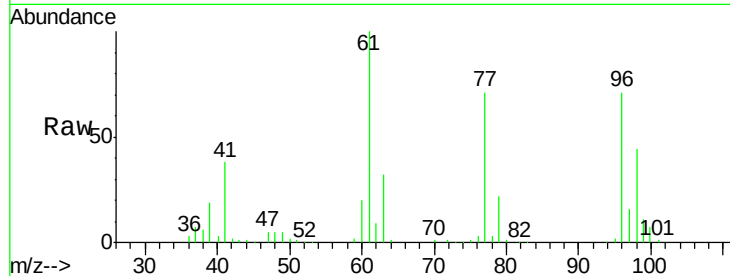


#27

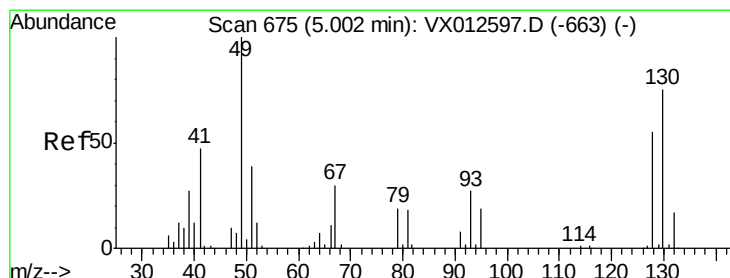
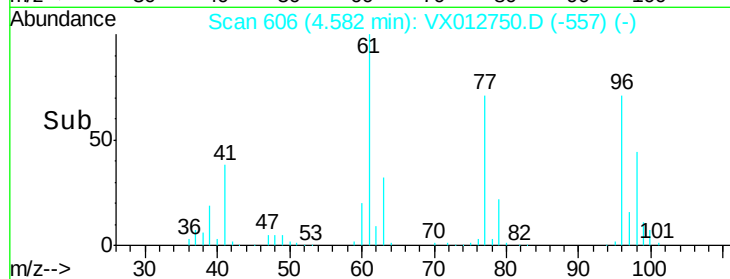
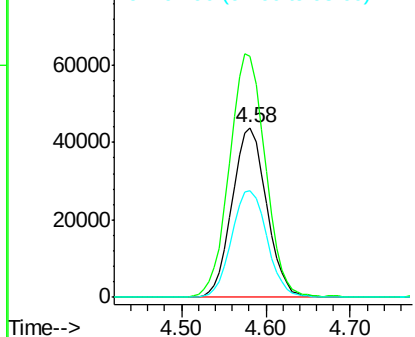
cis-1,2-Dichloroethene
Concen: 45.837 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 121785
Ion Ratio Lower Upper
96 100
61 149.5 0.0 319.4
98 64.9 0.0 130.6



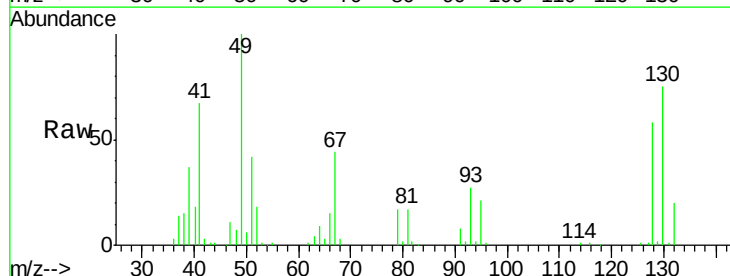
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



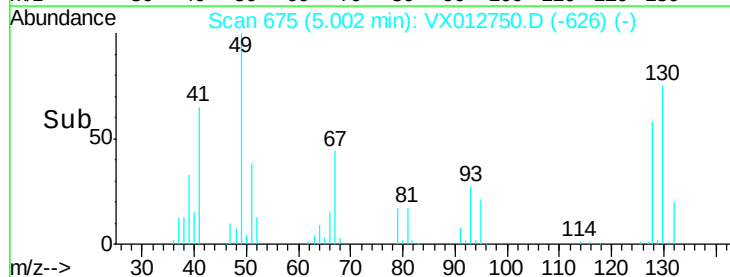
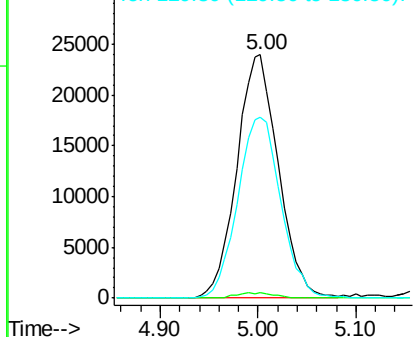
#28

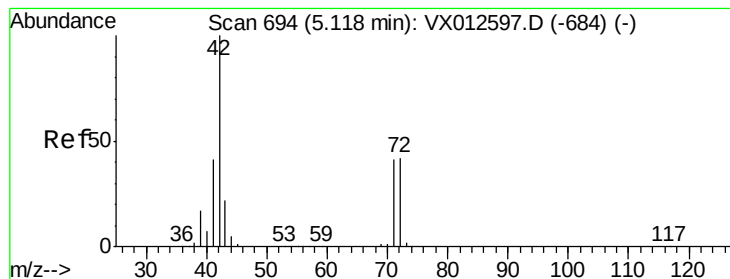
Bromochloromethane
Concen: 45.065 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

Tgt Ion: 49 Resp: 70478
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.8
130 77.2 58.2 87.4



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: 217.496 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

Instrument :
MSVOA_X
ClientSampleId :

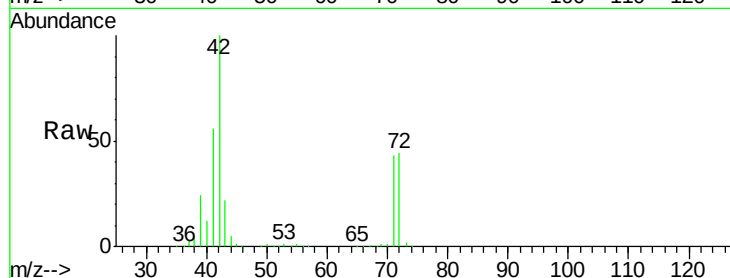
Tot Ion: 42 Resp: 281840

Ion Ratio Lower Upper

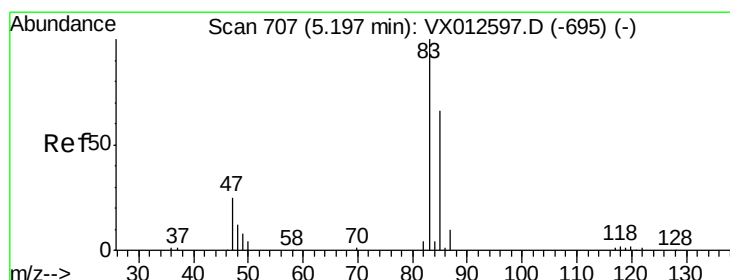
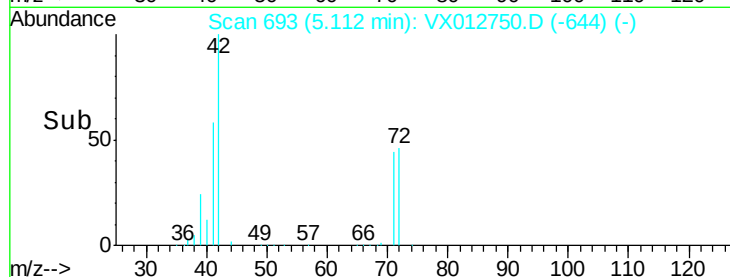
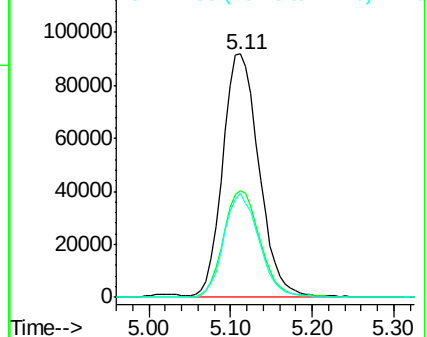
42 100

72 44.7 34.0 51.0

71 41.7 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 45.379 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX012750.D

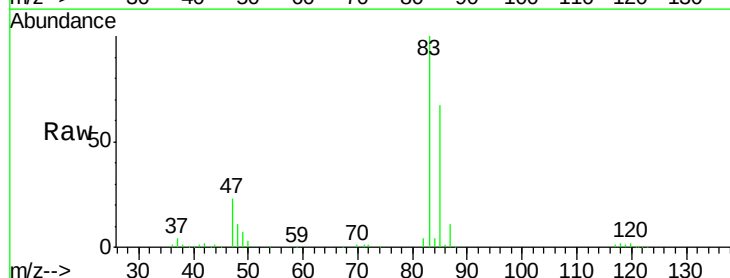
Acq: 02 Oct 2019 10:03

Tgt Ion: 83 Resp: 199964

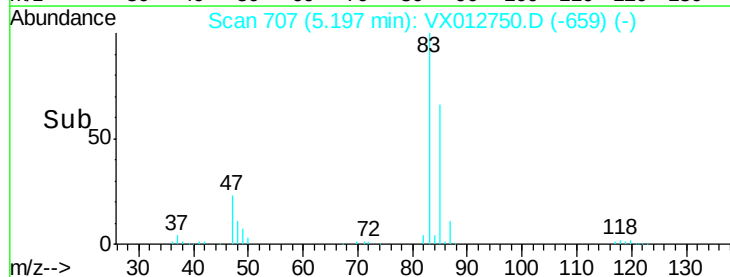
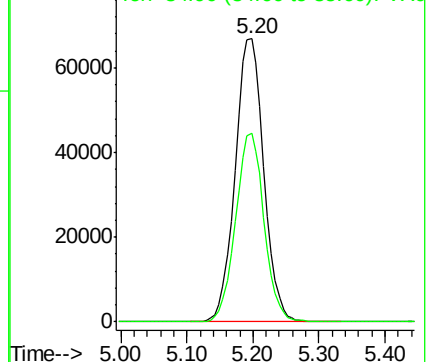
Ion Ratio Lower Upper

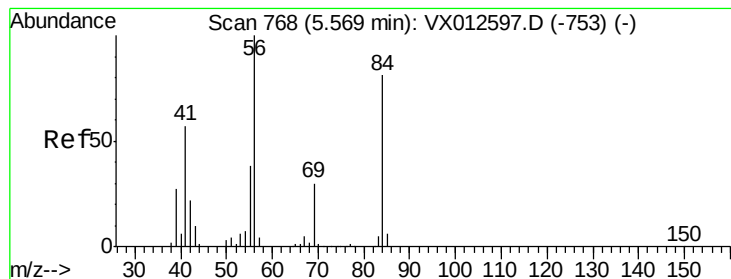
83 100

85 66.8 53.0 79.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 45.811 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

Instrument :

MSVOA_X

ClientSampled :

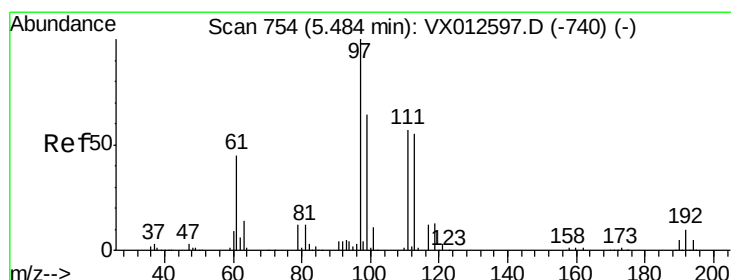
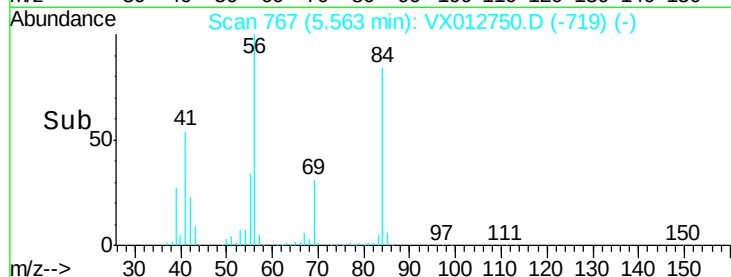
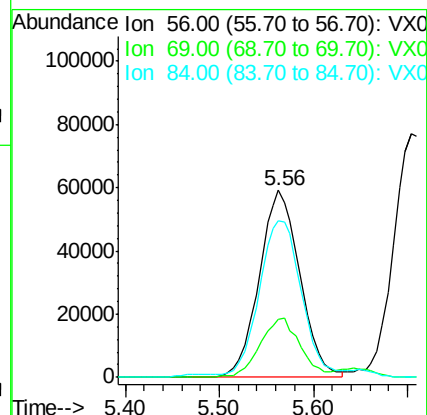
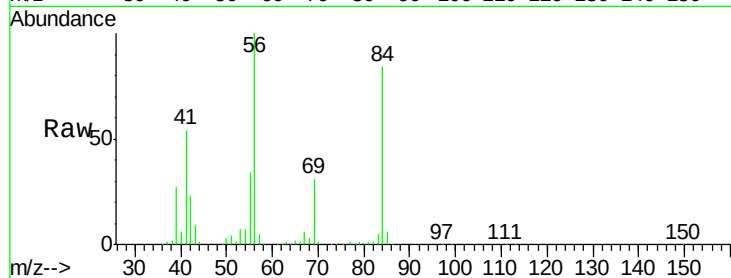
Tot Ion: 56 Resp: 178503

Ion Ratio Lower Upper

56 100

69 30.9 25.0 37.6

84 82.2 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 45.594 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

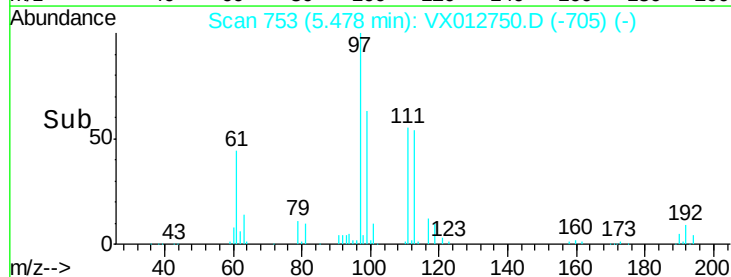
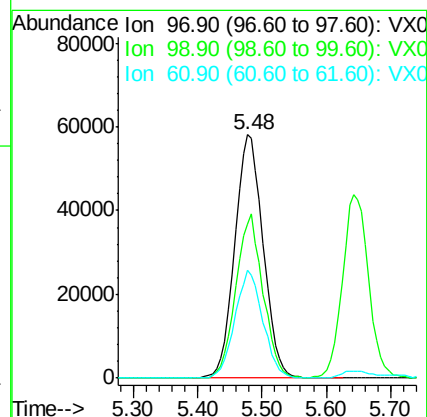
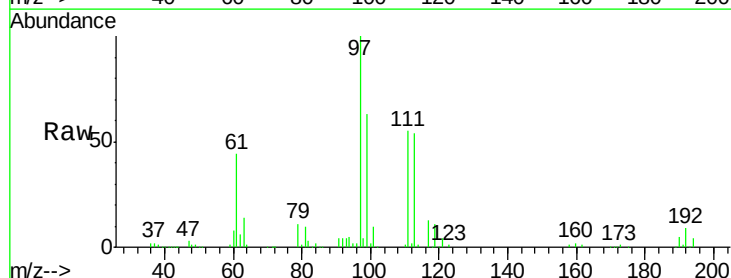
Tgt Ion: 97 Resp: 178063

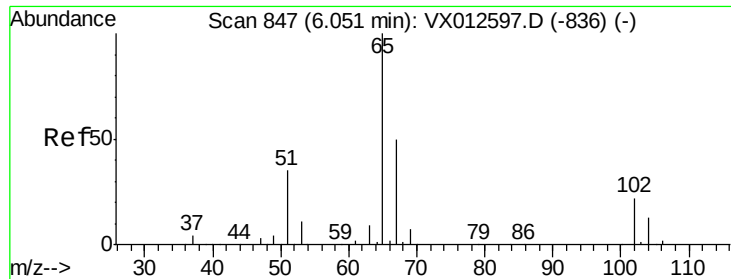
Ion Ratio Lower Upper

97 100

99 64.6 51.3 76.9

61 43.9 36.1 54.1

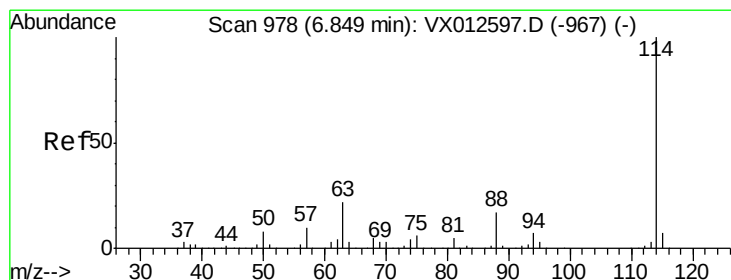
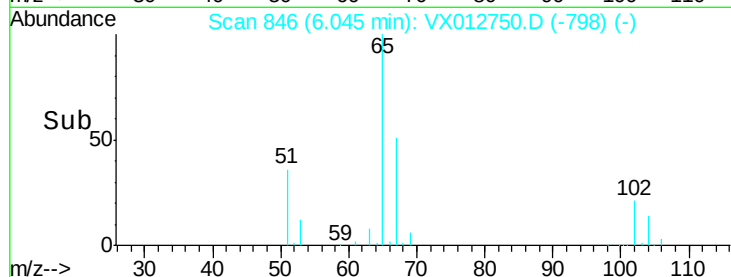
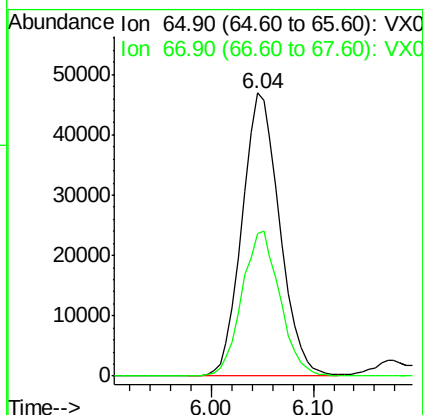
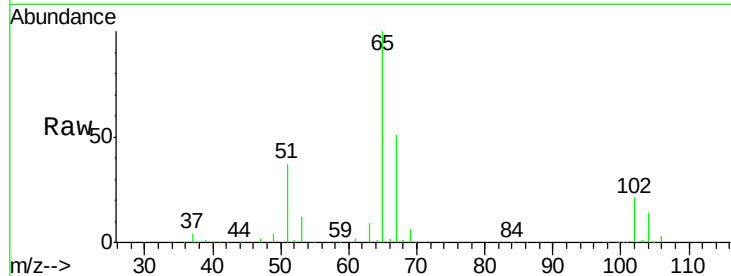




#33
 1,2-Dichloroethane-d4
 Concen: 43.019 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX012750.D
 Acq: 02 Oct 2019 10:03

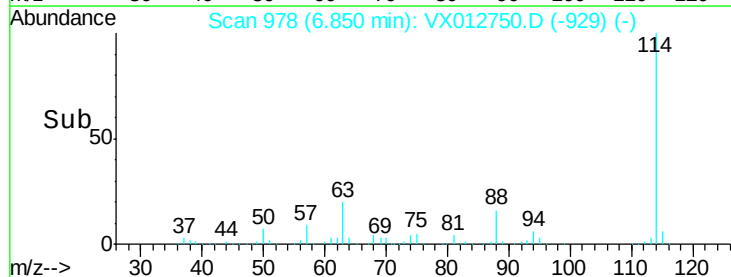
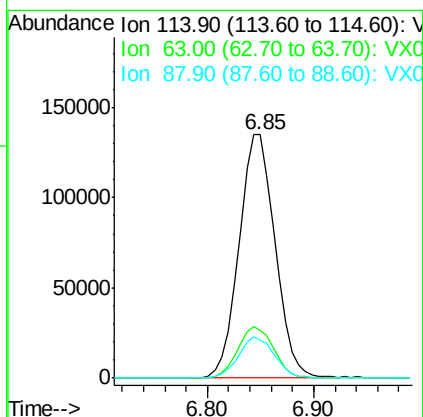
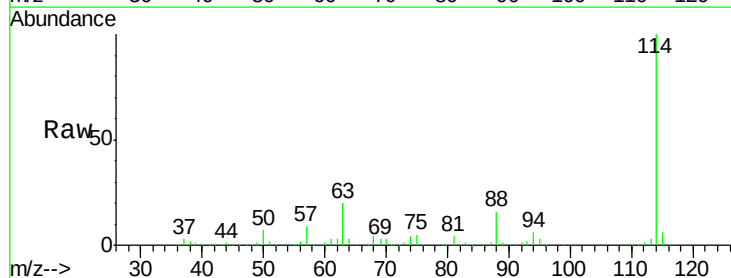
Instrument :
 MSVOA_X
 ClientSampleId :

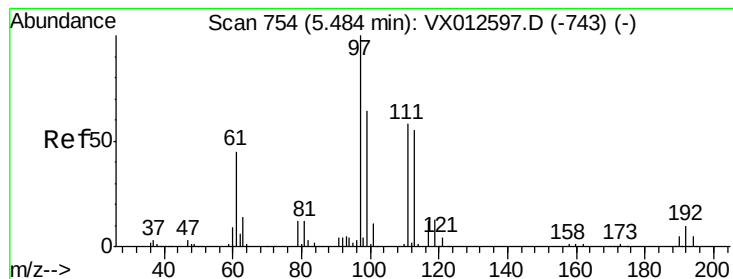
Tot Ion: 65 Resp: 120424
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012750.D
 Acq: 02 Oct 2019 10:03

Tgt Ion: 114 Resp: 321558
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 43.2
 88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.116 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

Instrument :

MSVOA_X

ClientSampled :

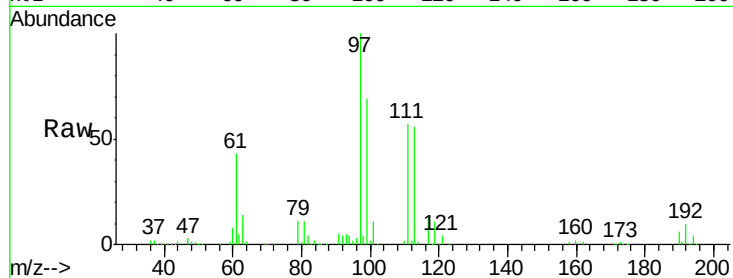
Tot Ion:113 Resp: 92142

Ion Ratio Lower Upper

113 100

111 103.7 83.4 125.2

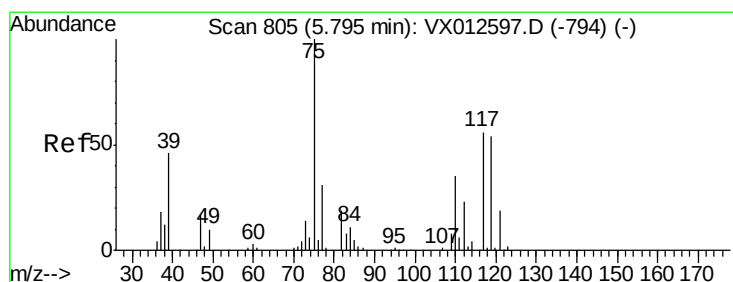
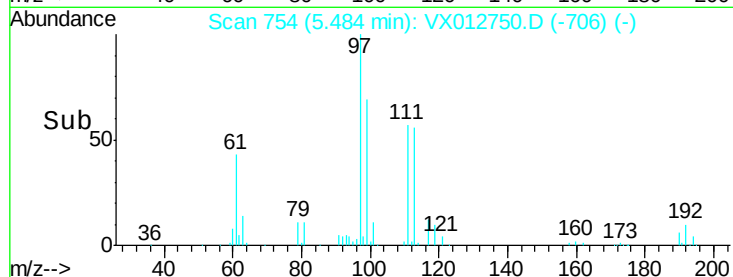
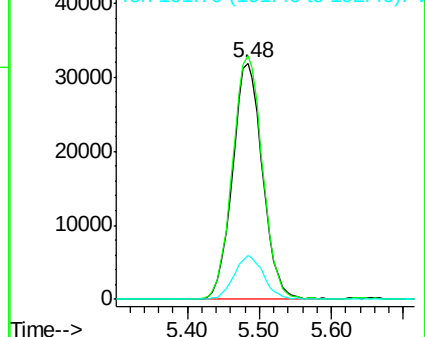
192 18.3 14.4 21.6



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: 47.950 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

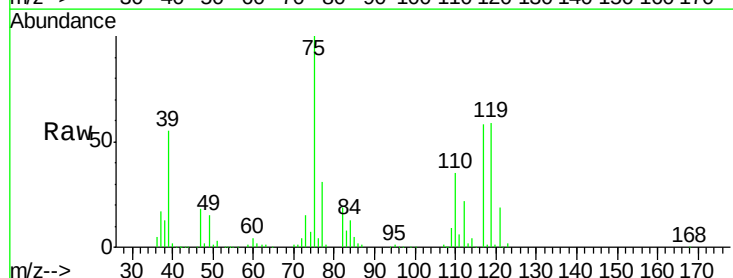
Tgt Ion: 75 Resp: 148618

Ion Ratio Lower Upper

75 100

110 35.1 16.7 50.0

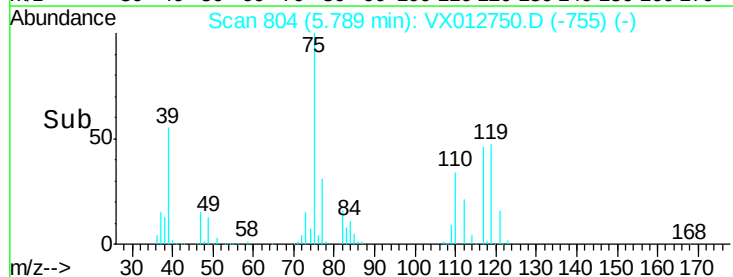
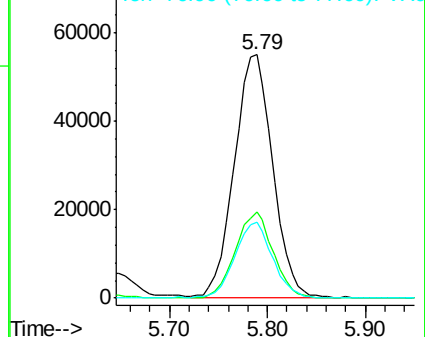
77 31.0 24.2 36.2

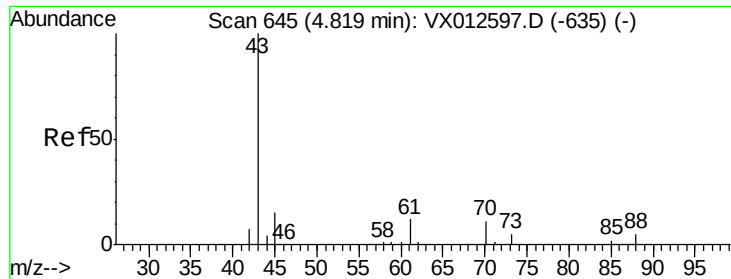


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

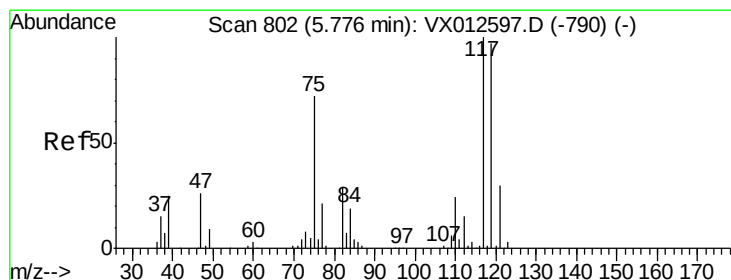
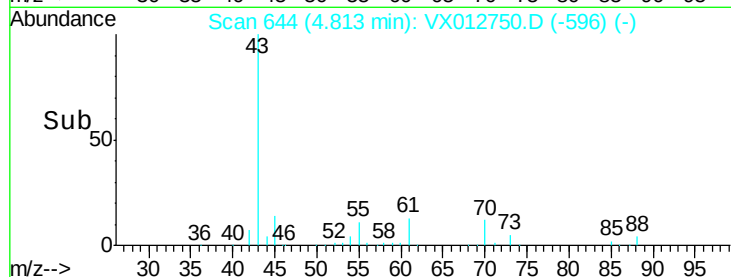
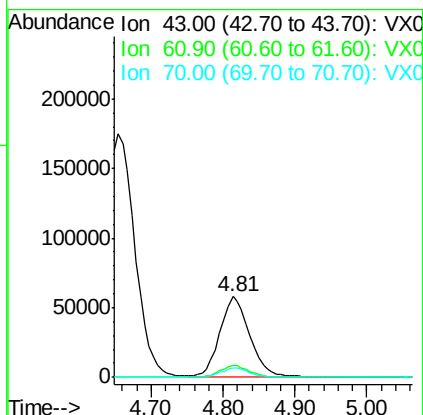
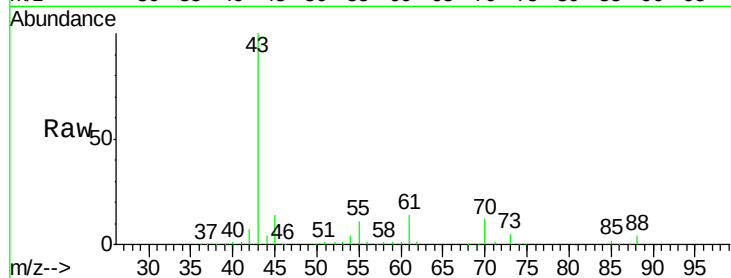




#37
Ethyl Acetate
Concen: 45.987 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

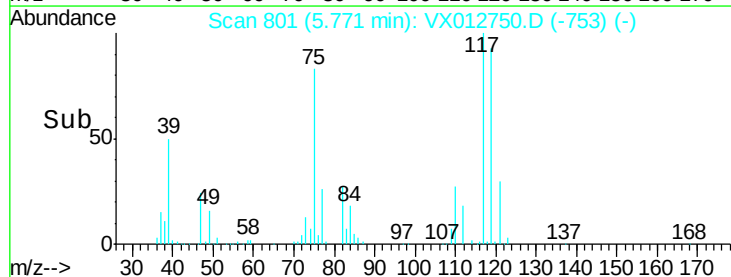
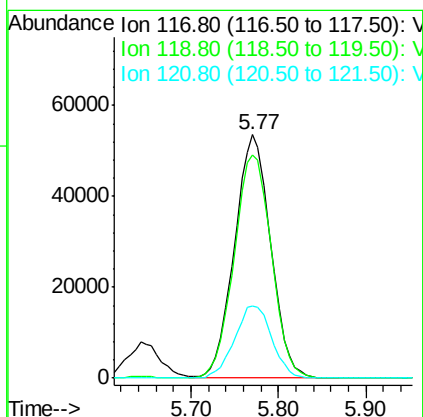
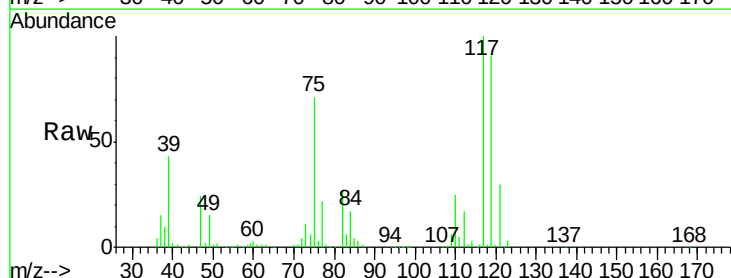
Instrument :
MSVOA_X
ClientSampled :

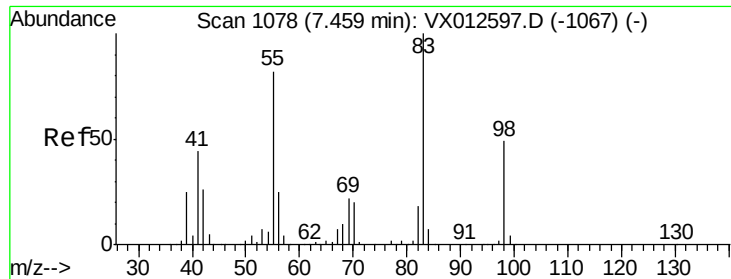
Tot Ion: 43 Resp: 166640
Ion Ratio Lower Upper
43 100
61 13.9 10.2 15.4
70 11.7 8.7 13.1



#38
Carbon Tetrachloride
Concen: 48.850 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

Tgt Ion: 117 Resp: 153804
Ion Ratio Lower Upper
117 100
119 91.5 75.7 113.5
121 29.8 24.2 36.4

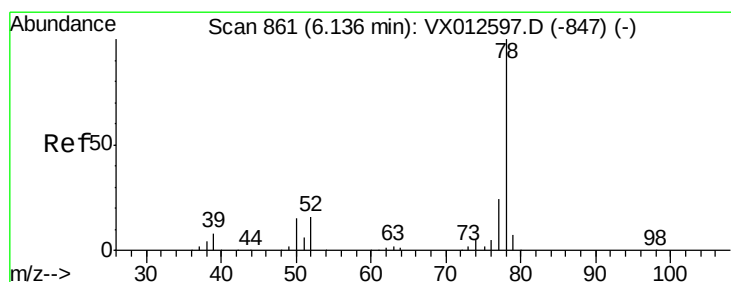
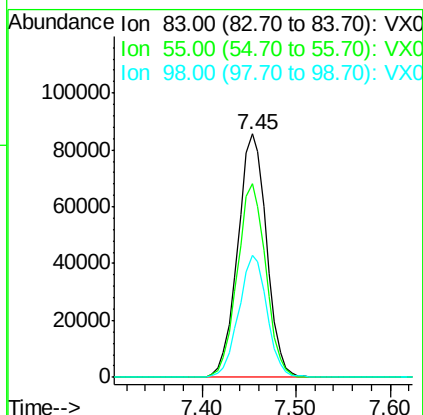
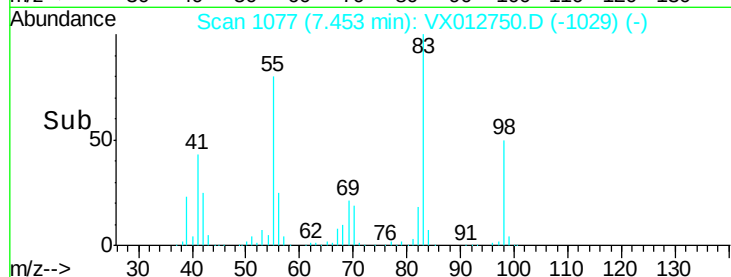
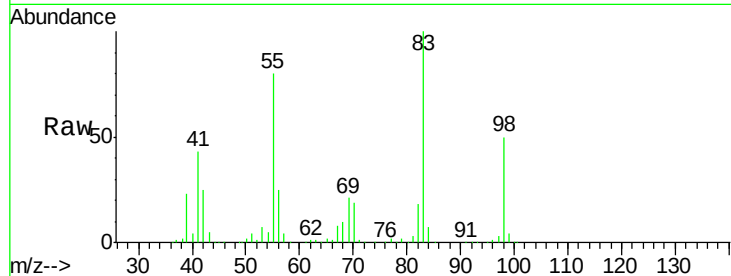




#39
Methylvlcyclohexane
Concen: 49.036 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

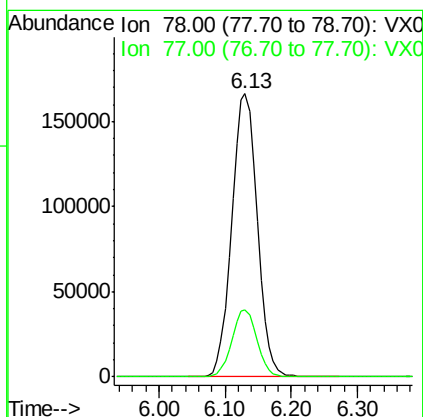
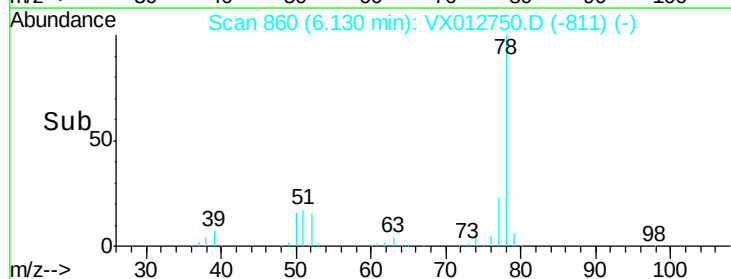
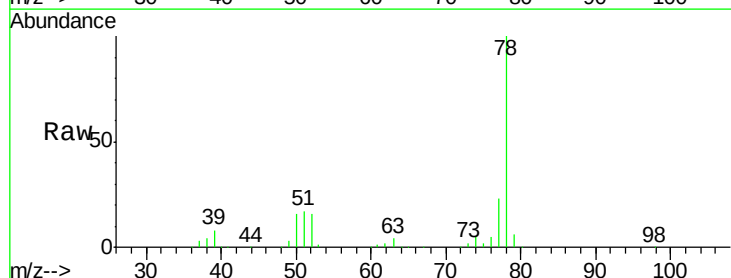
Instrument :
MSVOA_X
ClientSampled :

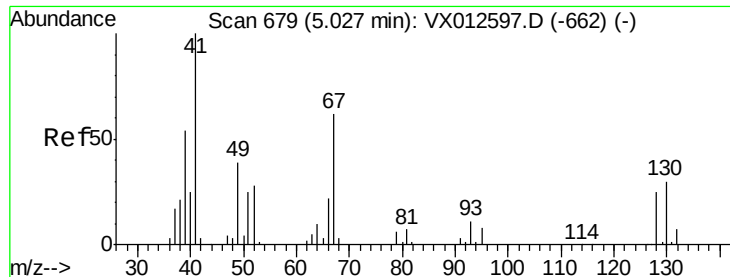
Tot Ion: 83 Resp: 182969
Ion Ratio Lower Upper
83 100
55 79.7 64.4 96.6
98 50.1 40.1 60.1



#40
Benzene
Concen: 48.825 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

Tgt Ion: 78 Resp: 445260
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8

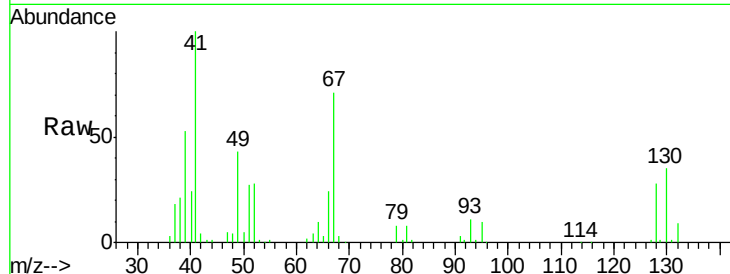




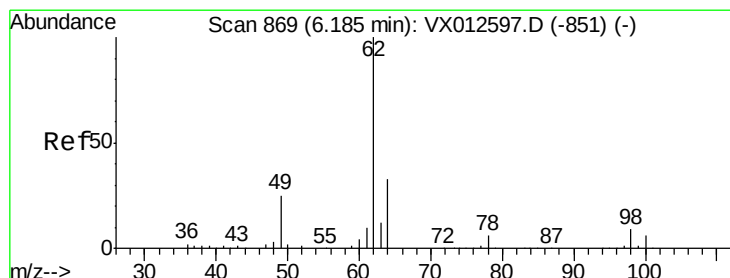
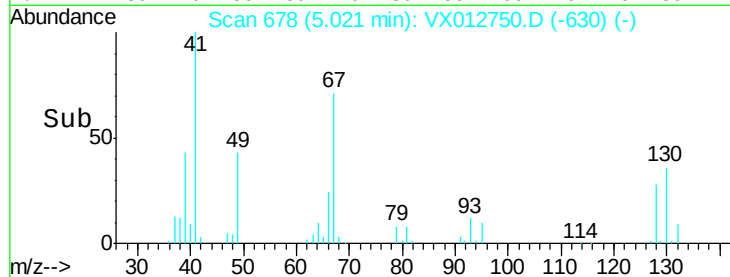
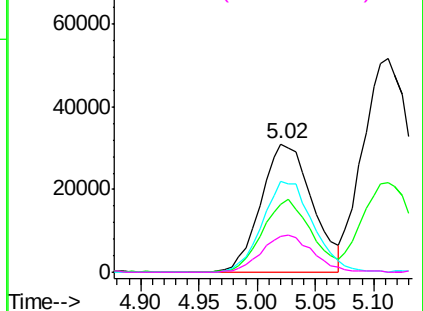
#41
Methacrylonitrile
Concen: 46.748 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	95044
Ion	Ratio	Lower	Upper
41	100		
39	54.0	46.0	69.0
67	69.8	52.2	78.2
52	29.2	22.7	34.1

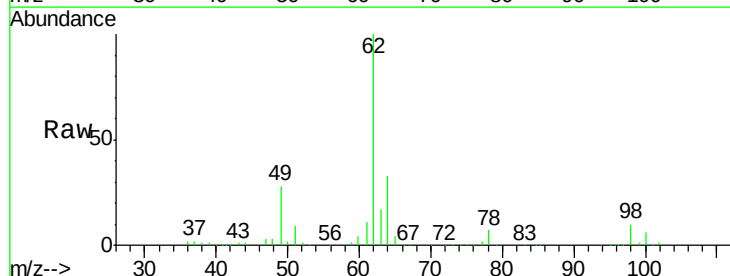


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

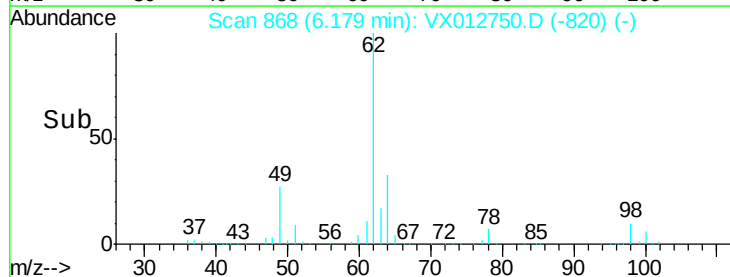
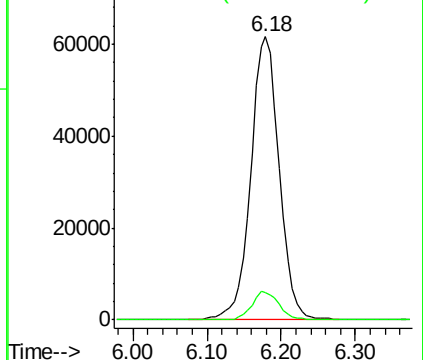


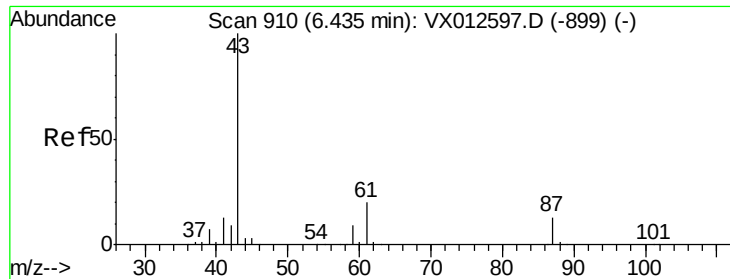
#42
1,2-Dichloroethane
Concen: 47.593 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

Tgt Ion:	62	Resp:	164817
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	17.8



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

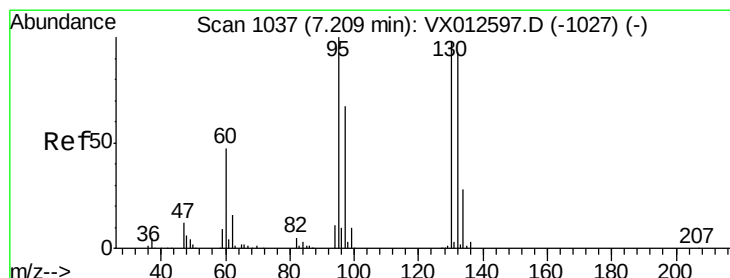
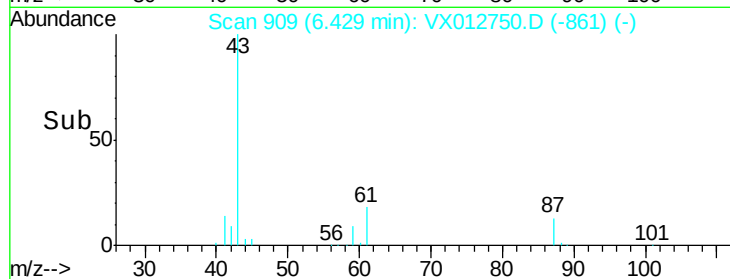
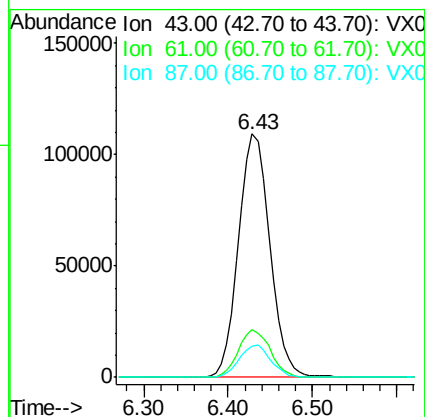
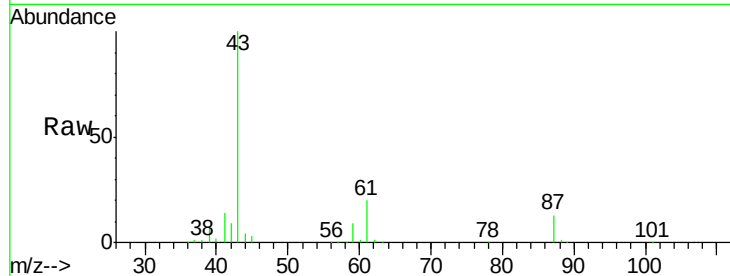




#43
Isopropyl Acetate
Concen: 45.252 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

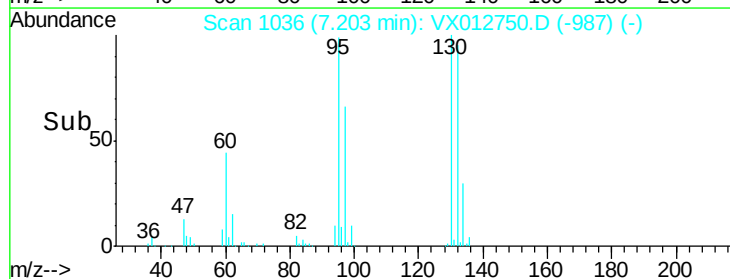
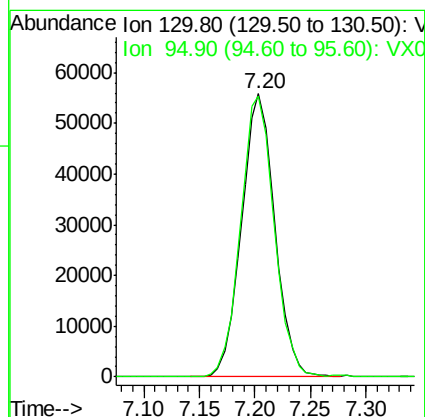
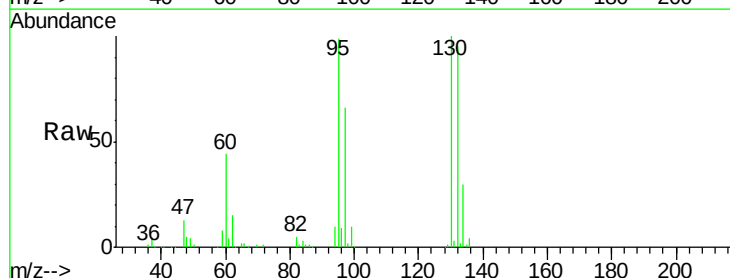
Instrument :
MSVOA_X
ClientSampled :

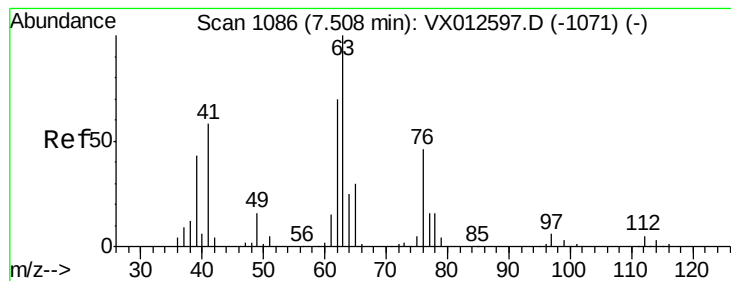
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.4	23.0
87	13.2	9.8	14.8



#44
Trichloroethene
Concen: 49.603 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.4	0.0	193.0





#45

1,2-Dichloropropane

Concen: 49.126 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

Instrument :

MSVOA_X

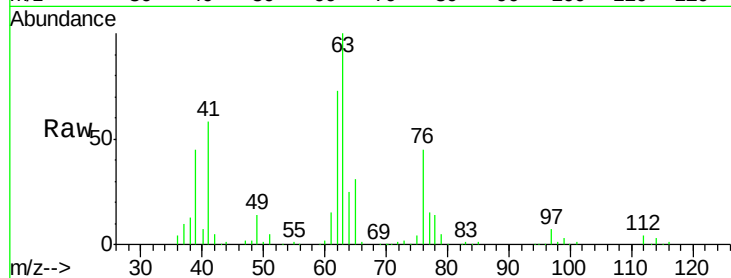
ClientSampled :

Tot Ion: 63 Resp: 114701

Ion Ratio Lower Upper

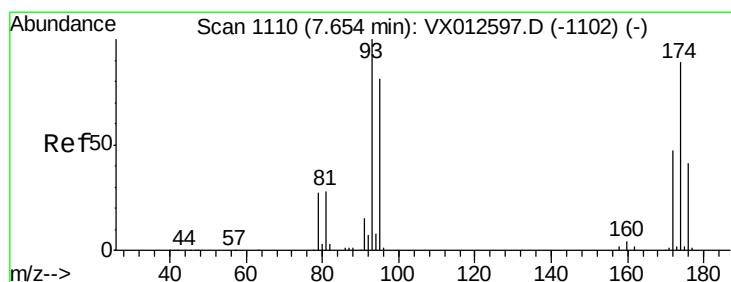
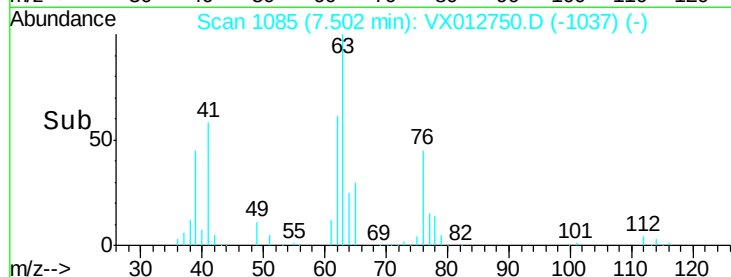
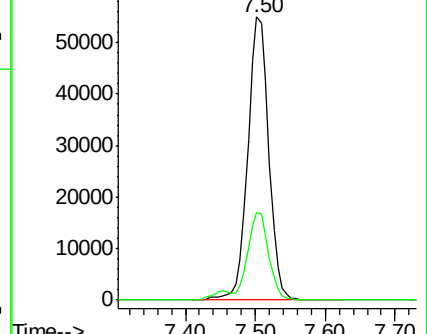
63 100

65 30.9 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.760 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

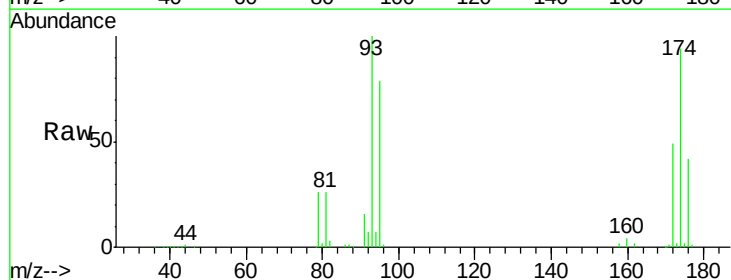
Tgt Ion: 93 Resp: 77513

Ion Ratio Lower Upper

93 100

95 81.0 66.6 100.0

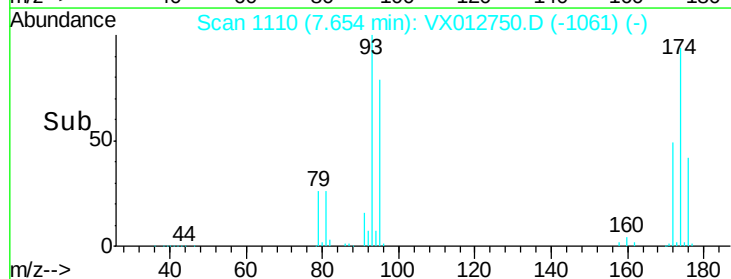
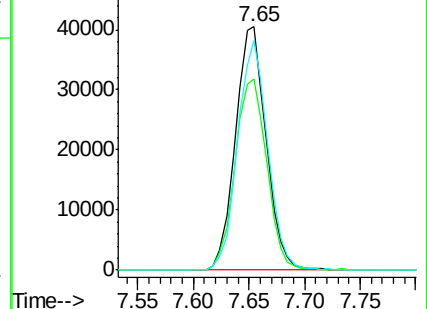
174 92.7 77.4 116.0

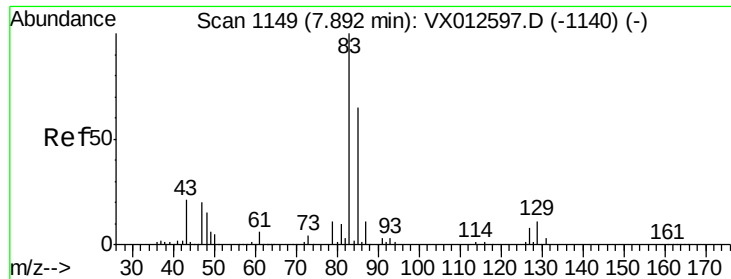


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.222 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

Instrument :
MSVOA_X
ClientSampleId :

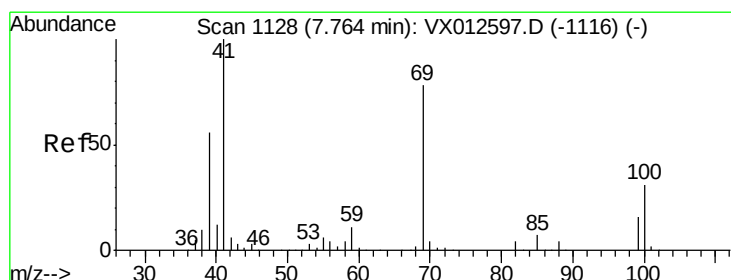
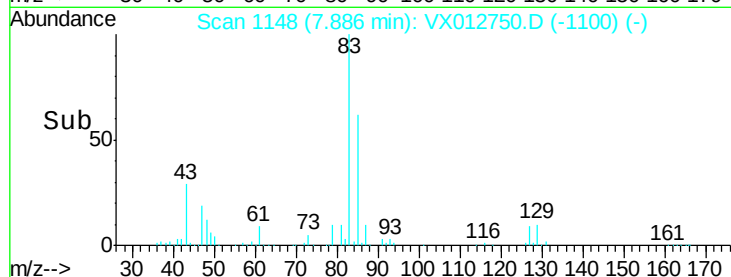
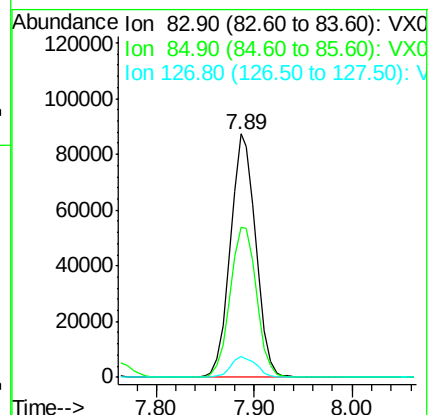
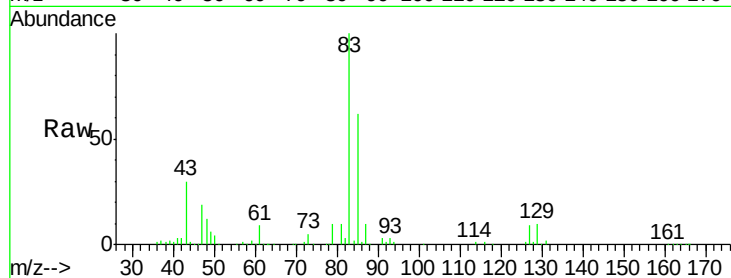
Tot Ion: 83 Resp: 156384

Ion Ratio Lower Upper

83 100

85 61.9 51.8 77.6

127 8.5 7.3 10.9



#48

Methyl methacrylate

Concen: 45.968 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

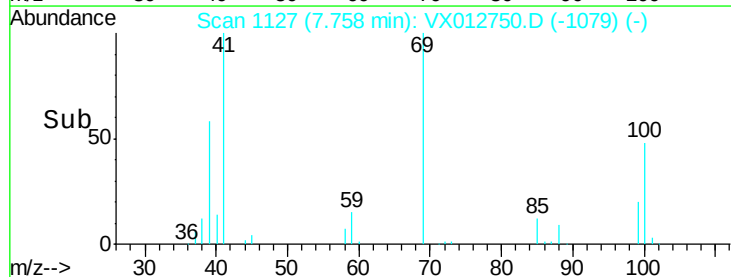
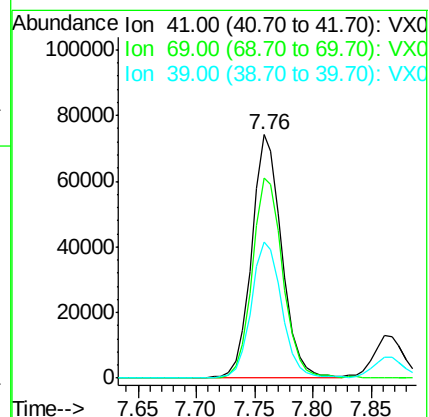
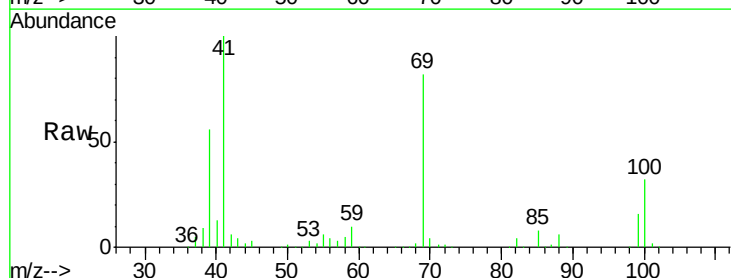
Tgt Ion: 41 Resp: 133567

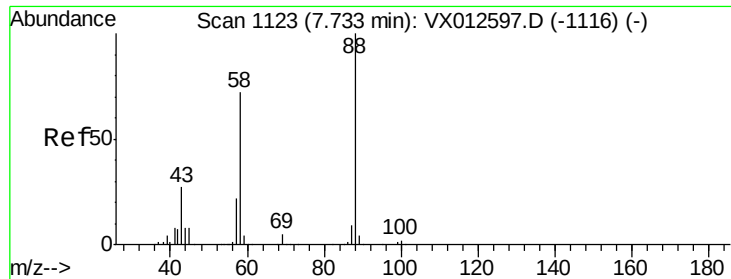
Ion Ratio Lower Upper

41 100

69 83.8 59.9 89.9

39 56.9 47.8 71.6

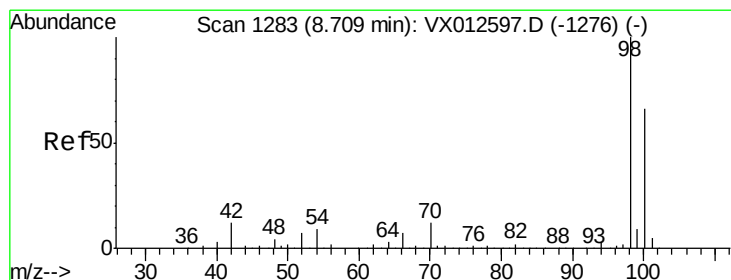
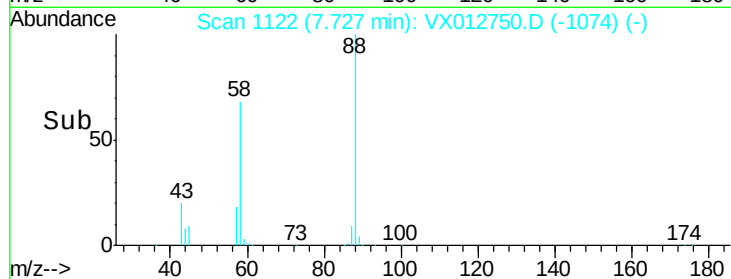
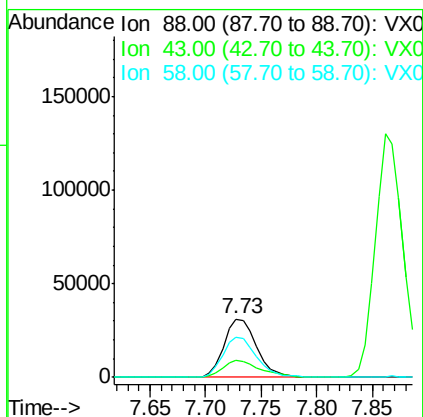
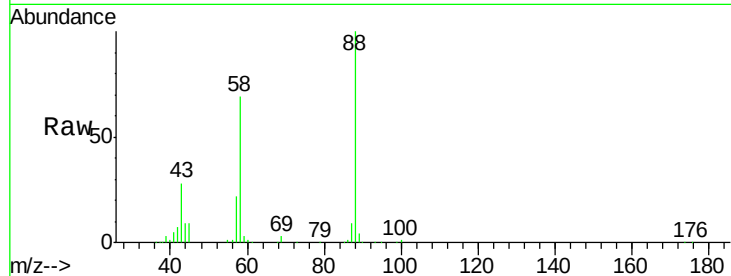




#49
1,4-Dioxane
Concen: 963.080 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

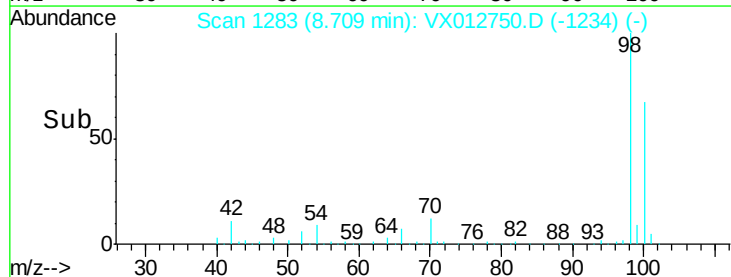
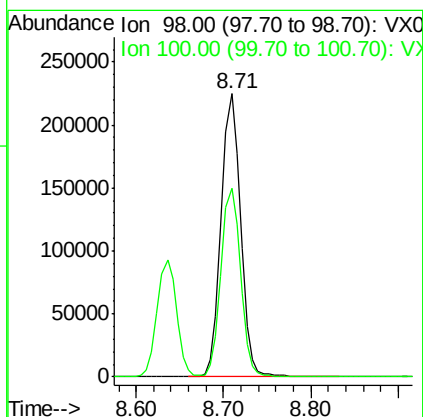
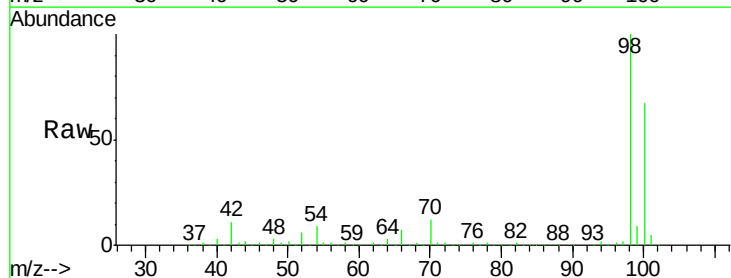
Instrument :
MSVOA_X
ClientSampleId :

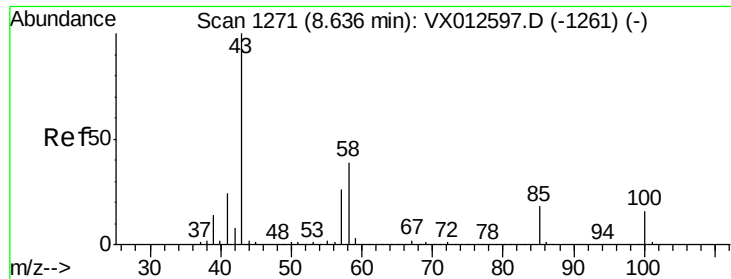
Tot Ion: 88 Resp: 63472
Ion Ratio Lower Upper
88 100
43 32.6 29.4 44.0
58 71.3 57.5 86.3



#50
Toluene-d8
Concen: 47.074 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

Tgt Ion: 98 Resp: 347165
Ion Ratio Lower Upper
98 100
100 67.5 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 231.260 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

Instrument :

MSVOA_X

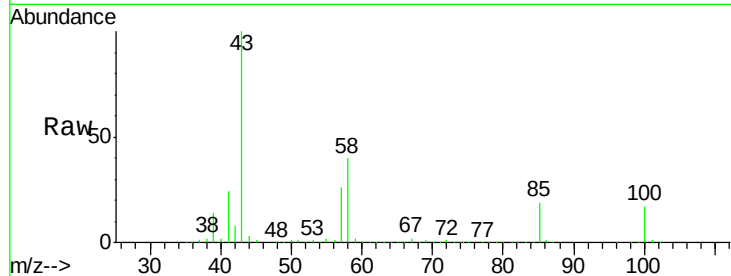
ClientSampled :

Tot Ion: 43 Resp: 865056

Ion Ratio Lower Upper

43 100

58 39.5 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

500000

400000

300000

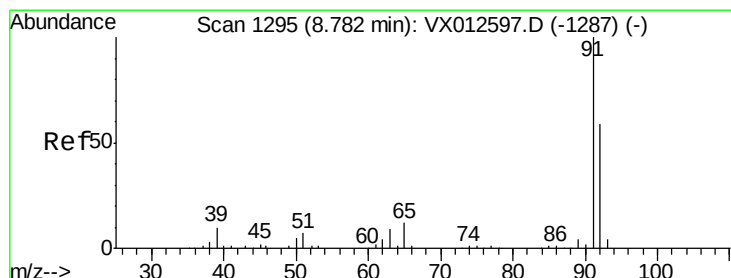
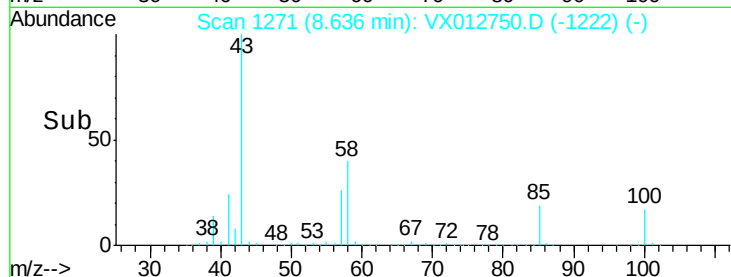
200000

100000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 49.732 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012750.D

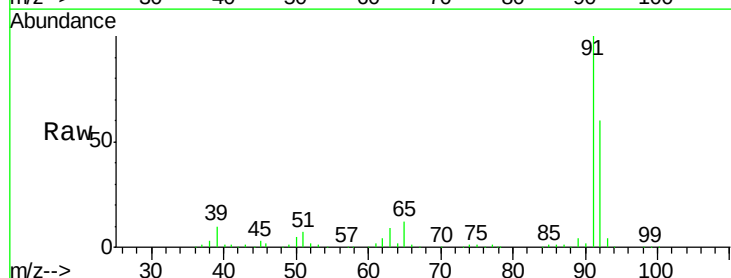
Acq: 02 Oct 2019 10:03

Tgt Ion: 92 Resp: 285047

Ion Ratio Lower Upper

92 100

91 166.4 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

300000

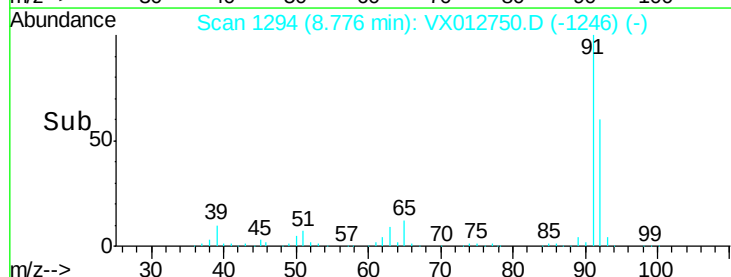
200000

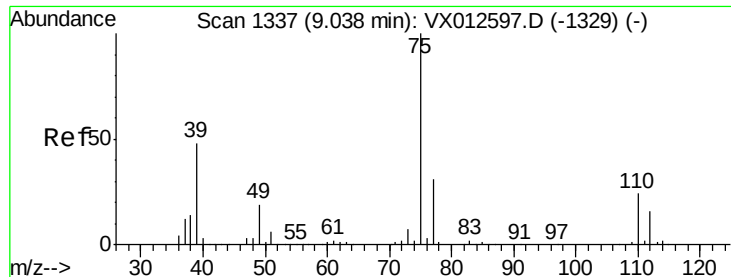
100000

0

8.70 8.80 8.90

Time-->

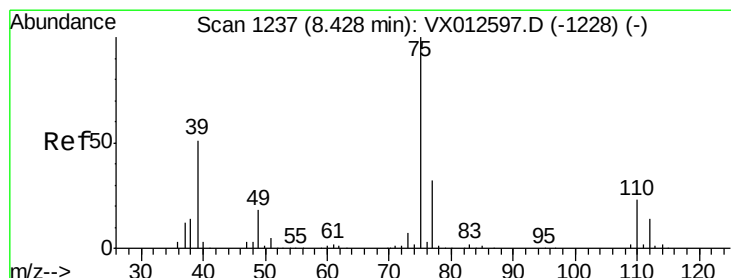
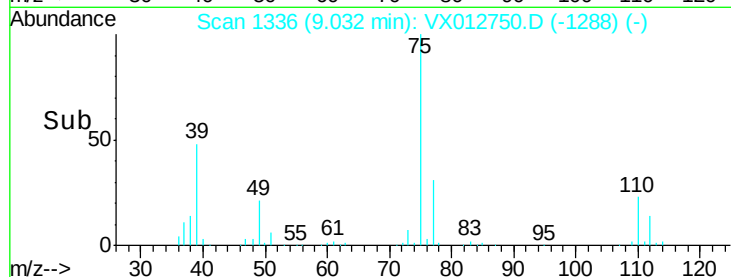
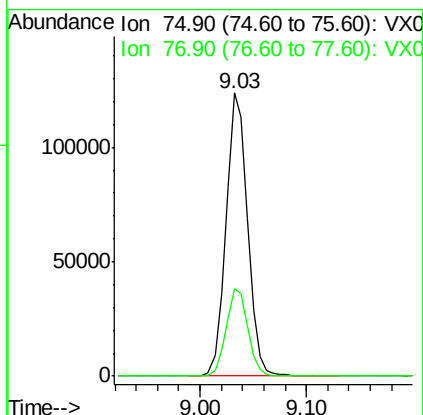
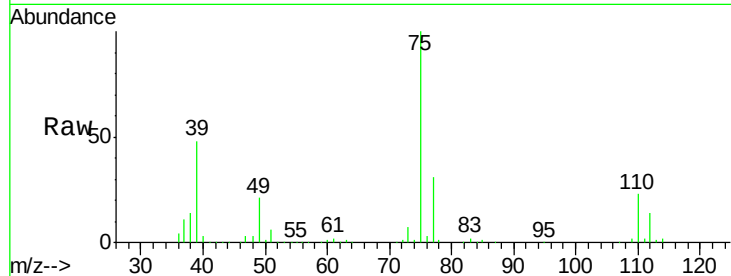




#53
 t-1,3-Dichloropropene
 Concen: 50.049 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX012750.D
 Acq: 02 Oct 2019 10:03

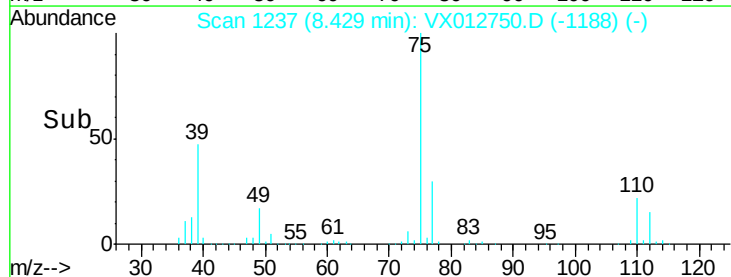
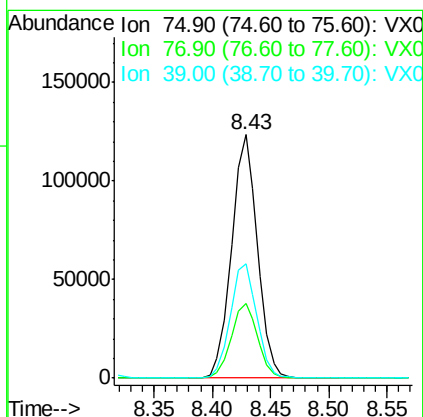
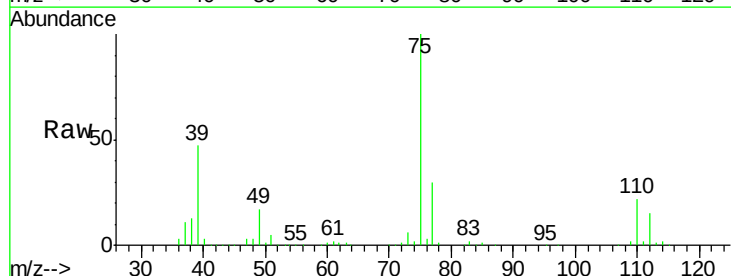
Instrument :
 MSVOA_X
 ClientSampled :

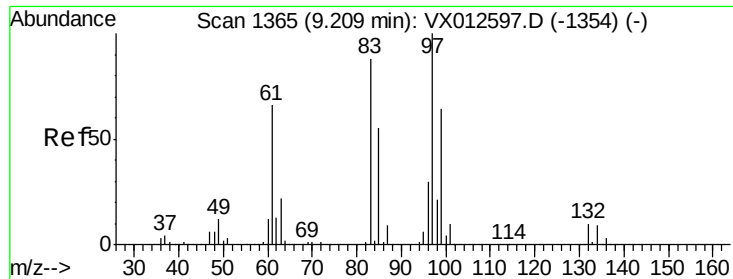
Tot Ion: 75 Resp: 175934
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 49.664 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012750.D
 Acq: 02 Oct 2019 10:03

Tgt Ion: 75 Resp: 190615
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.8 38.8
 39 46.9 45.5 68.3

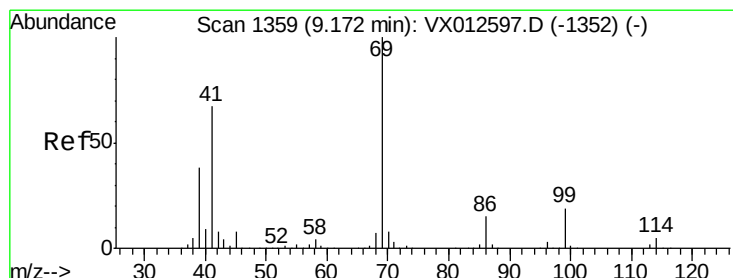
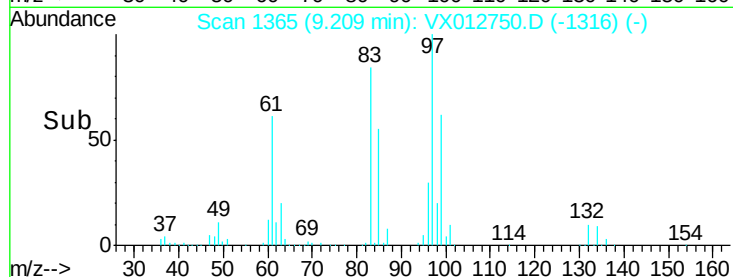
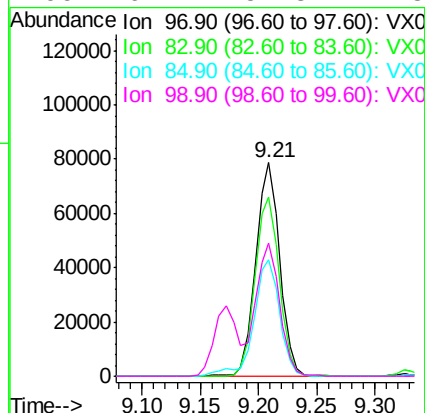
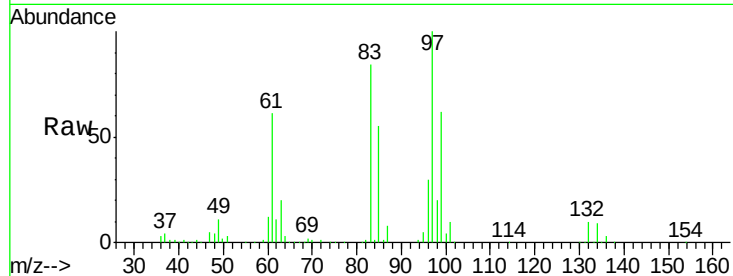




#55
 1,1,2-Trichloroethane
 Concen: 49.810 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012750.D
 Acq: 02 Oct 2019 10:03

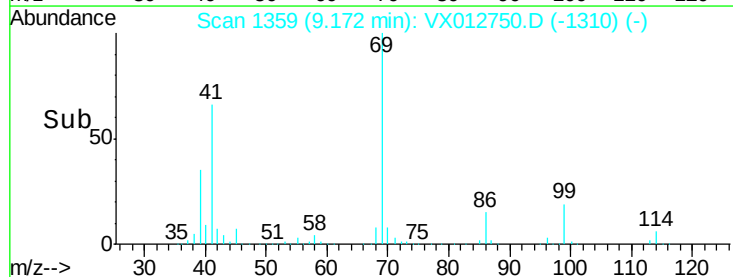
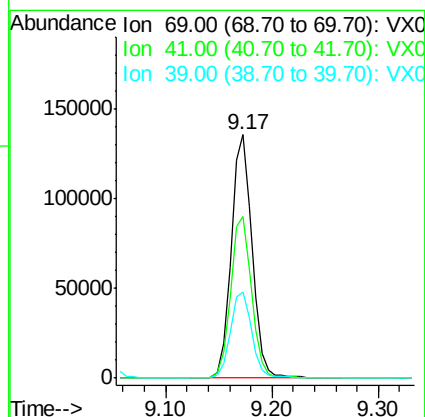
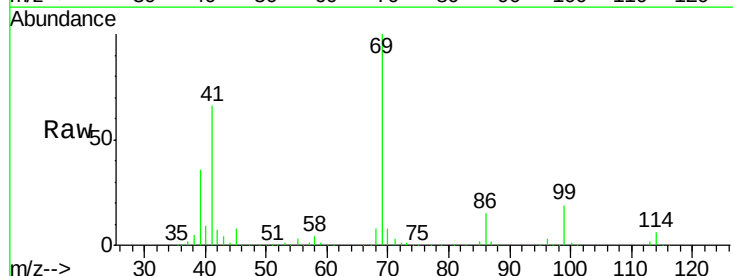
Instrument :
 MSVOA_X
 ClientSampleId :

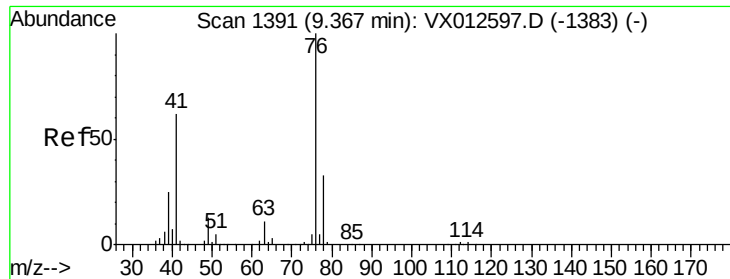
Tot Ion:	97	Resp:	113505
Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.4	101.2
85	54.6	43.5	65.3
99	62.1	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 48.695 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012750.D
 Acq: 02 Oct 2019 10:03

Tgt Ion:	69	Resp:	186420
Ion	Ratio	Lower	Upper
69	100		
41	66.6	58.4	87.6
39	36.4	33.4	50.0





#57

1,3-Dichloropropane

Concen: 49.071 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

Instrument :

MSVOA_X

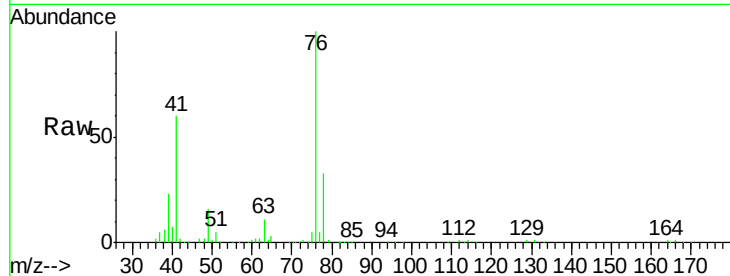
ClientSampleId :

Tot Ion: 76 Resp: 195705

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

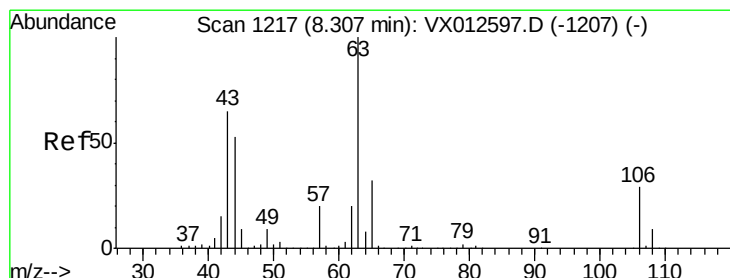
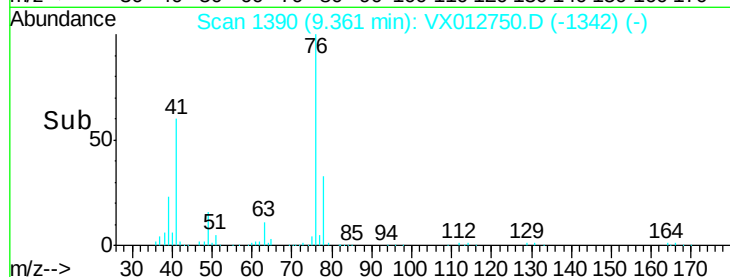
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 245.636 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX012750.D

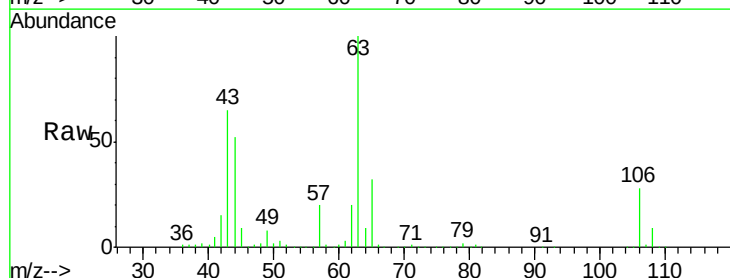
Acq: 02 Oct 2019 10:03

Tgt Ion: 63 Resp: 422109

Ion Ratio Lower Upper

63 100

106 29.4 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

300000

250000

200000

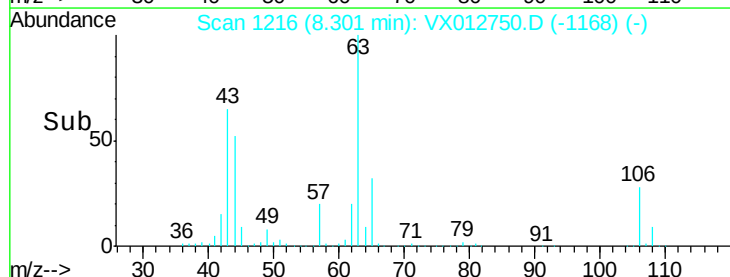
150000

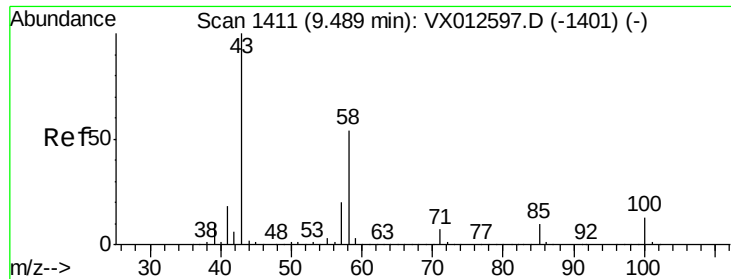
100000

50000

0

Time-->

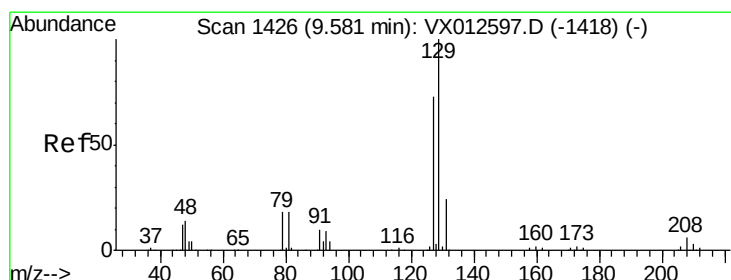
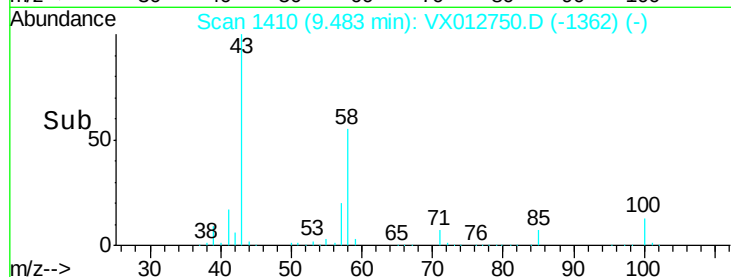
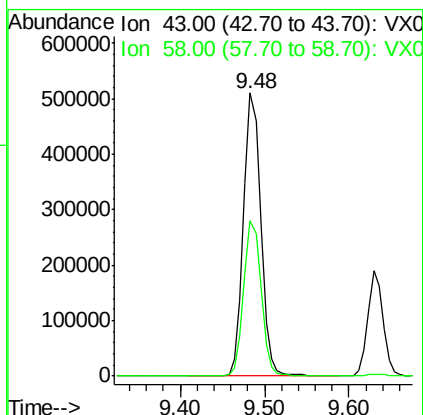
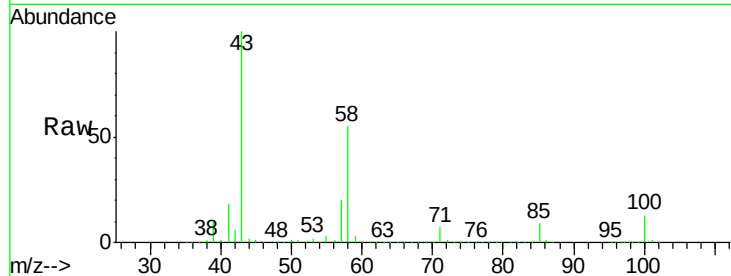




#59
2-Hexanone
Concen: 244.395 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

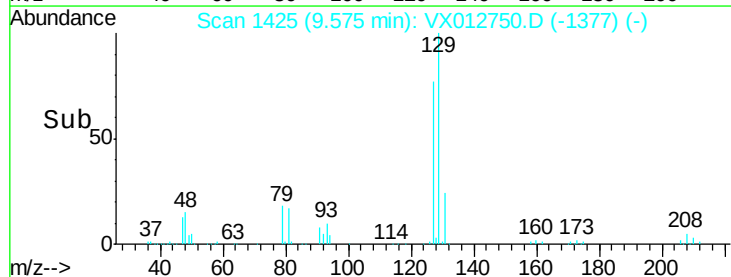
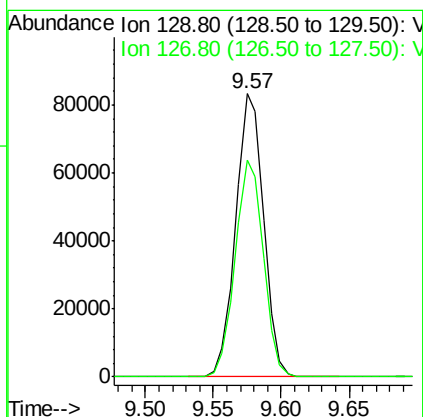
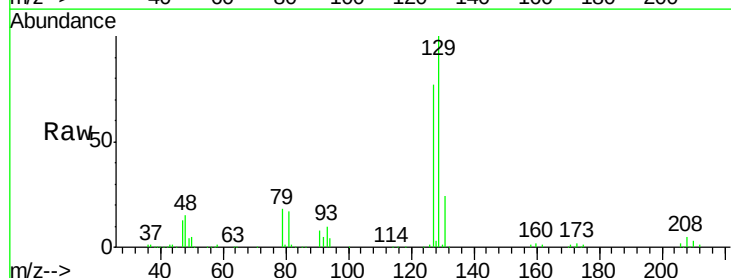
Instrument :
MSVOA_X
ClientSampled :

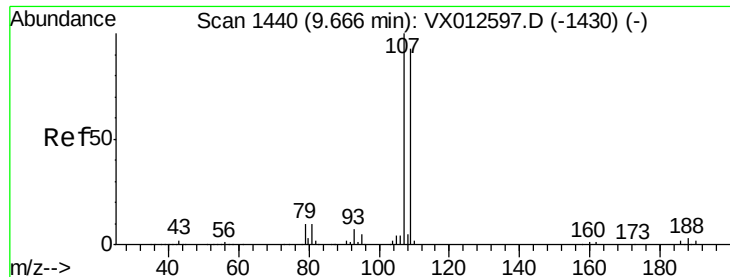
Tot Ion: 43 Resp: 699756
Ion Ratio Lower Upper
43 100
58 55.4 25.7 77.1



#60
Dibromochloromethane
Concen: 51.629 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

Tgt Ion: 129 Resp: 119096
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.6





#61

1,2-Dibromoethane

Concen: 49.807 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

Instrument :

MSVOA_X

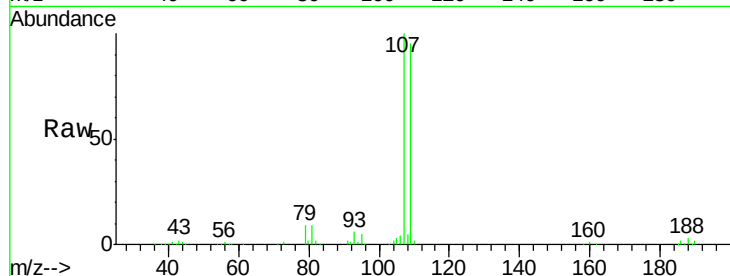
ClientSampleId :

Tot Ion: 107 Resp: 118121

Ion Ratio Lower Upper

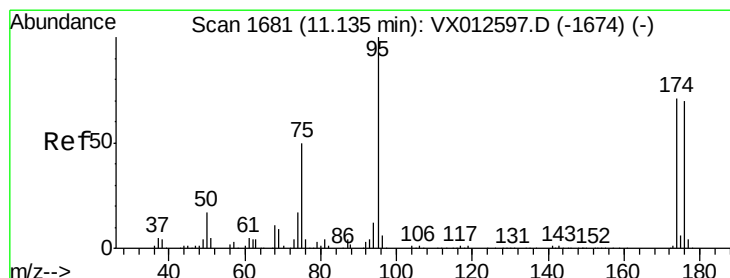
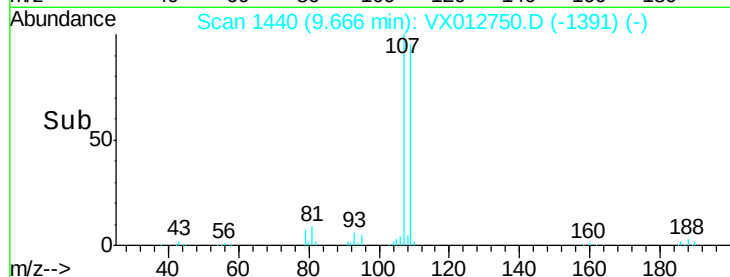
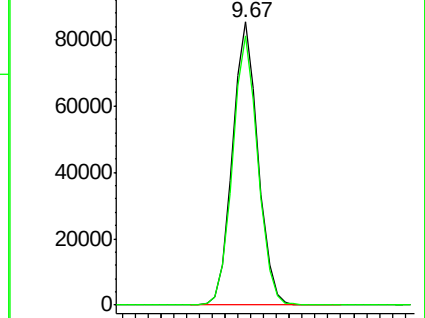
107 100

109 94.5 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.056 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

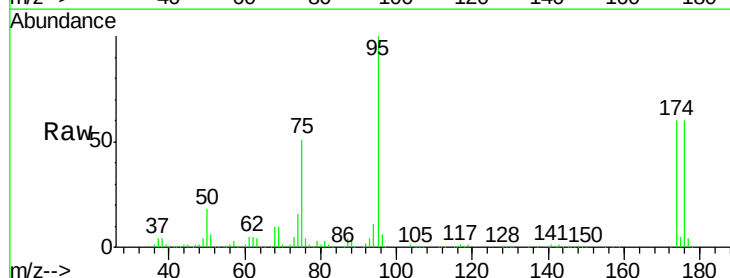
Tgt Ion: 95 Resp: 136453

Ion Ratio Lower Upper

95 100

174 68.4 0.0 140.0

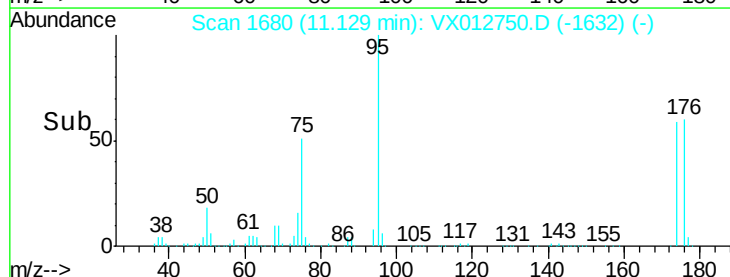
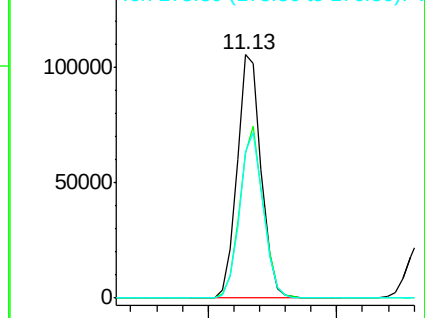
176 66.9 0.0 135.4

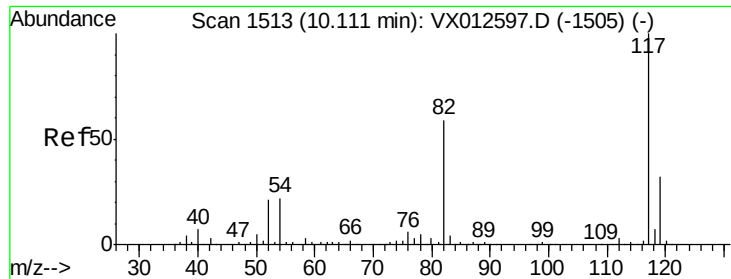


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

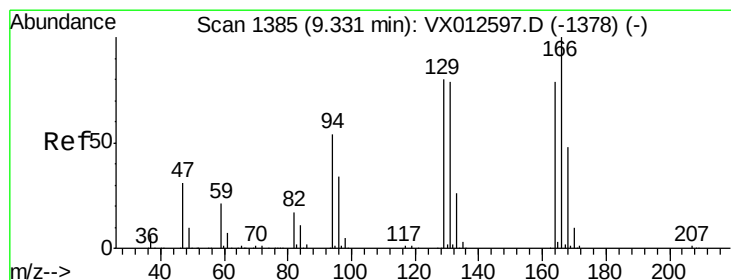
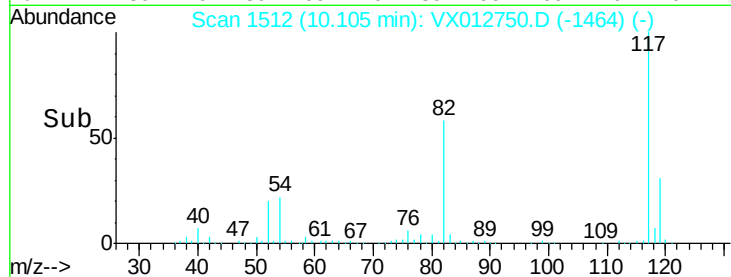
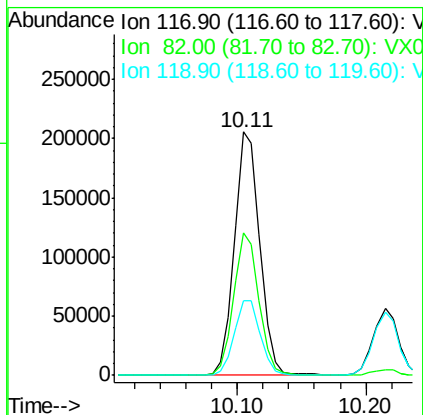
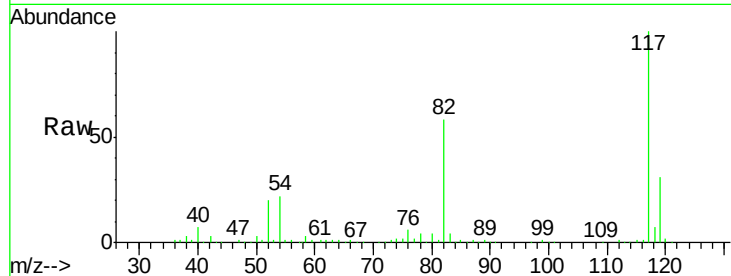




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

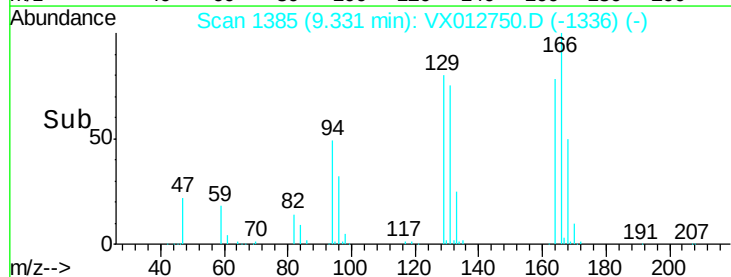
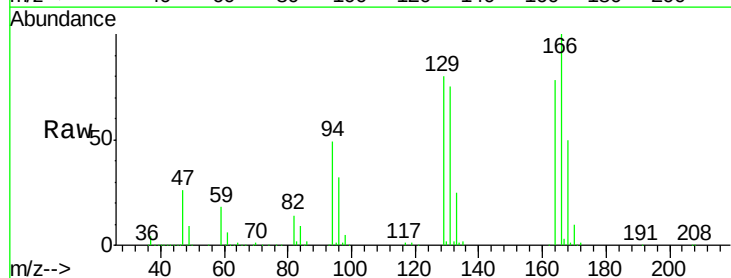
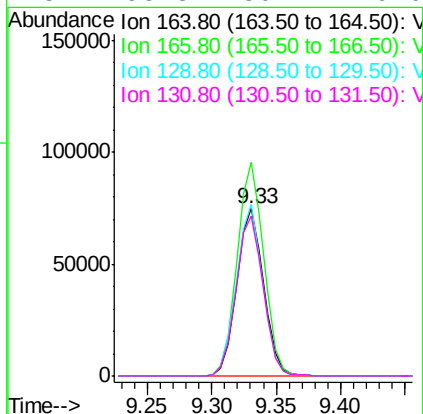
Instrument :
MSVOA_X
ClientSampleId :

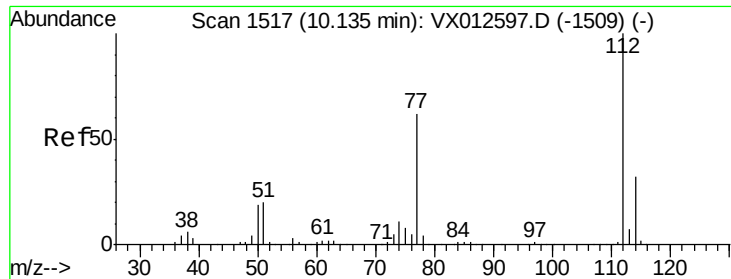
Tot Ion:117 Resp: 283242
Ion Ratio Lower Upper
117 100
82 58.3 45.9 68.9
119 30.6 25.3 37.9



#64
Tetrachloroethene
Concen: 54.778 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

Tgt Ion:164 Resp: 108177
Ion Ratio Lower Upper
164 100
166 127.5 107.8 161.6
129 102.1 86.2 129.2
131 95.3 80.4 120.6

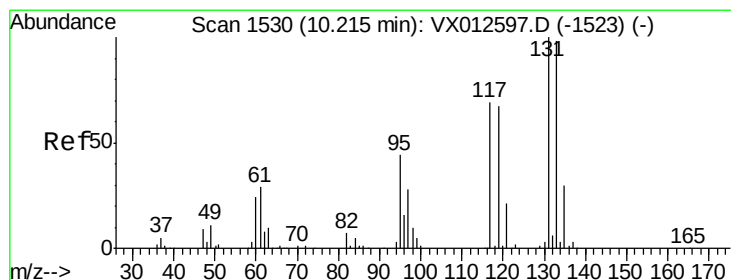
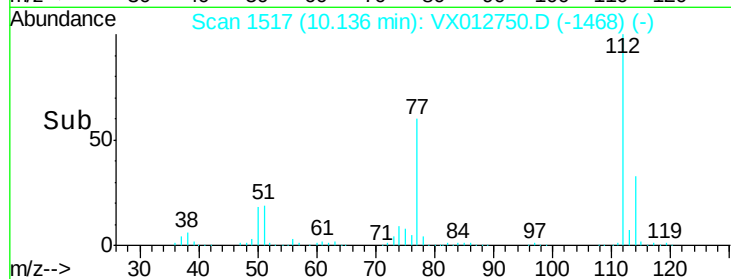
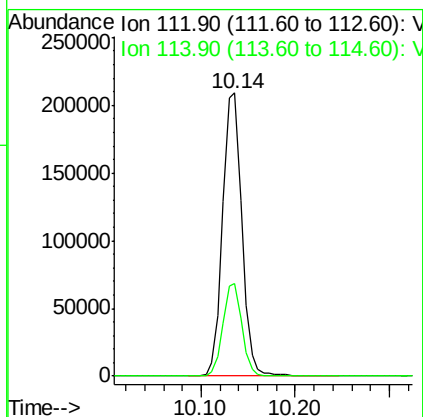
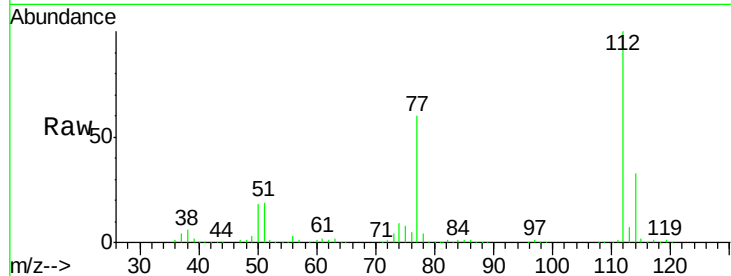




#65
Chlorobenzene
Concen: 49.770 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

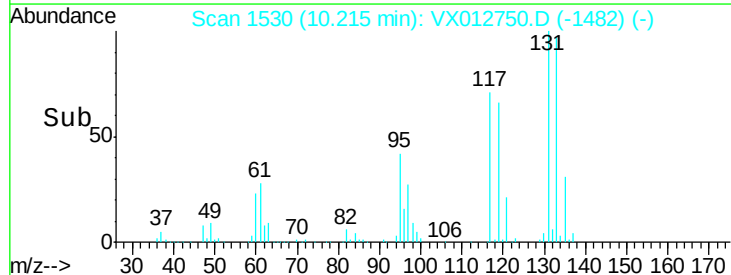
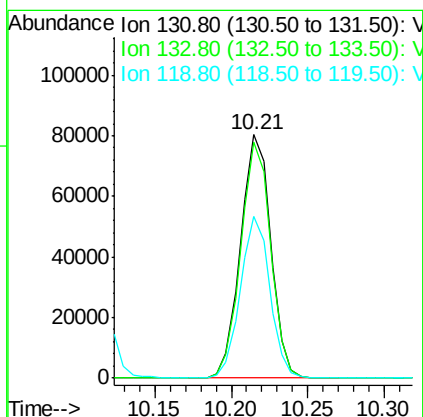
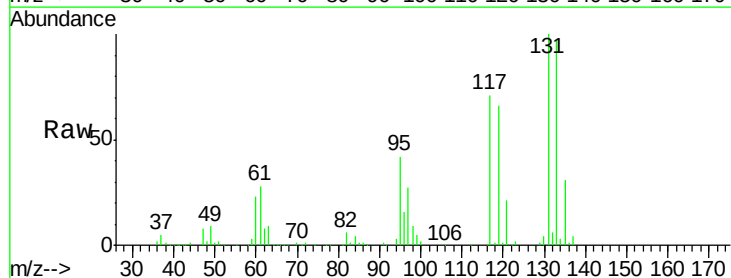
Instrument :
MSVOA_X
ClientSampleId :

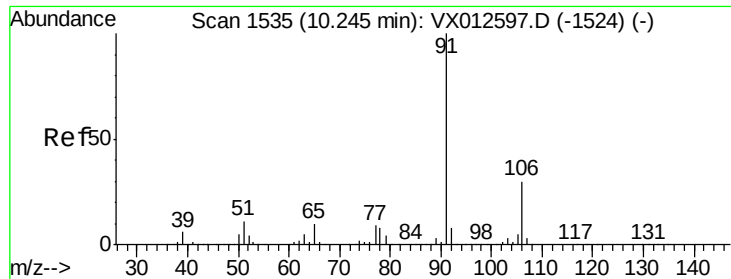
Tot Ion:112 Resp: 296852
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.071 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

Tgt Ion:131 Resp: 110369
Ion Ratio Lower Upper
131 100
133 96.1 47.6 142.9
119 65.1 31.3 93.8

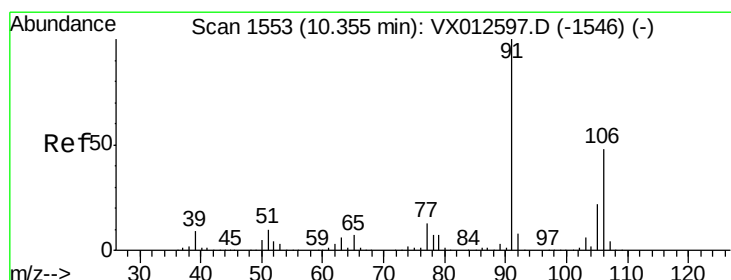
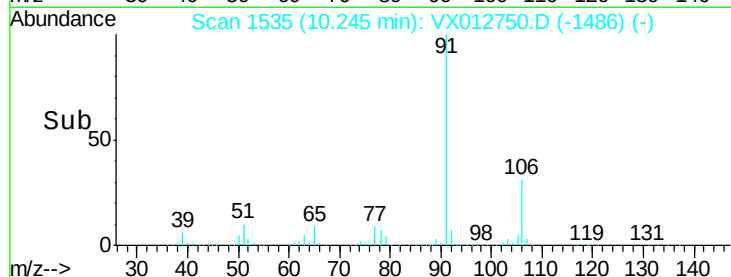
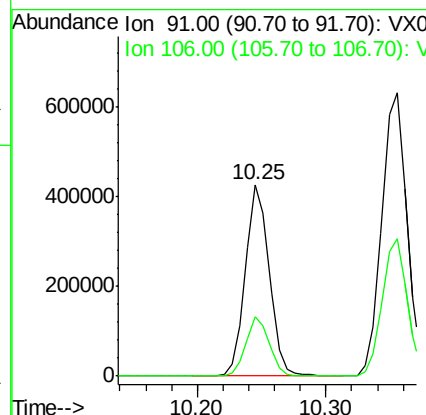
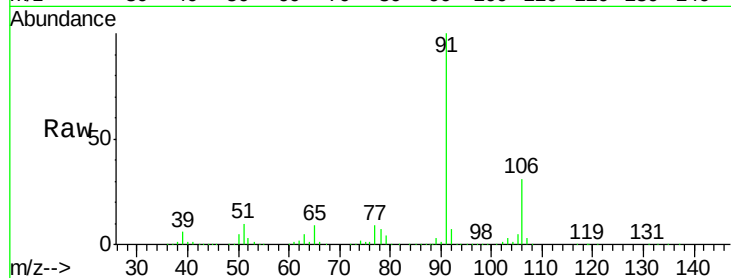




#67
Ethyl Benzene
Concen: 50.479 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

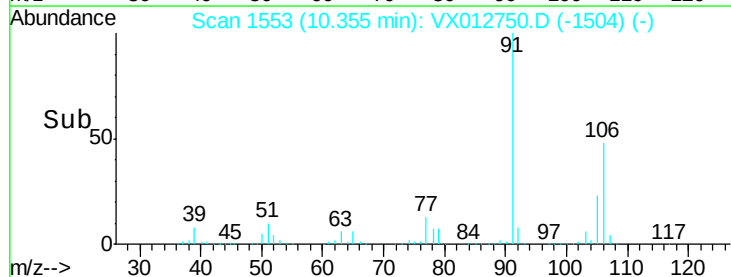
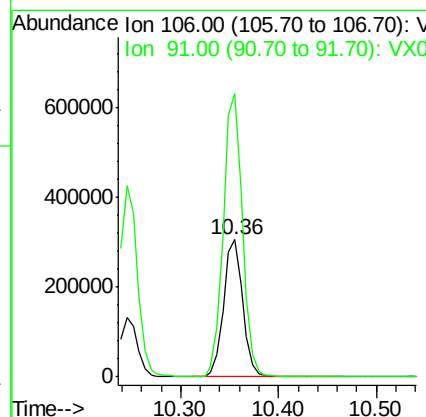
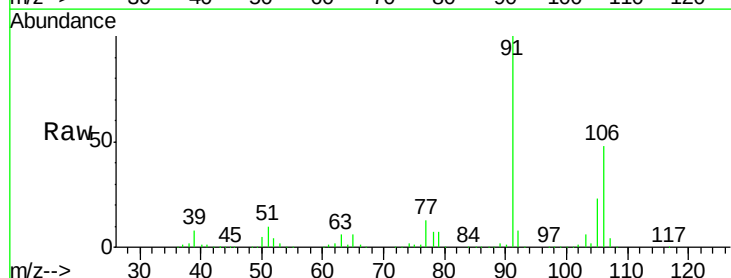
Instrument :
MSVOA_X
ClientSampled :

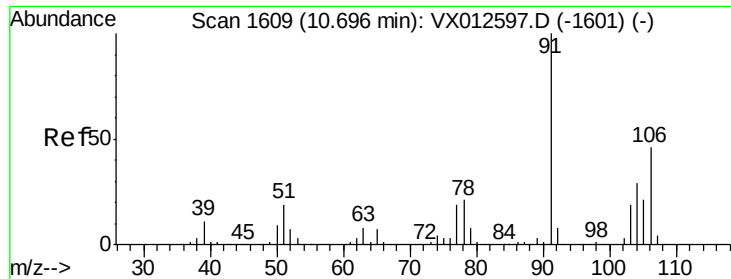
Tot Ion: 91 Resp: 546079
Ion Ratio Lower Upper
91 100
106 30.7 24.6 37.0



#68
m/p-Xylenes
Concen: 101.897 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

Tgt Ion: 106 Resp: 412934
Ion Ratio Lower Upper
106 100
91 207.0 166.6 250.0

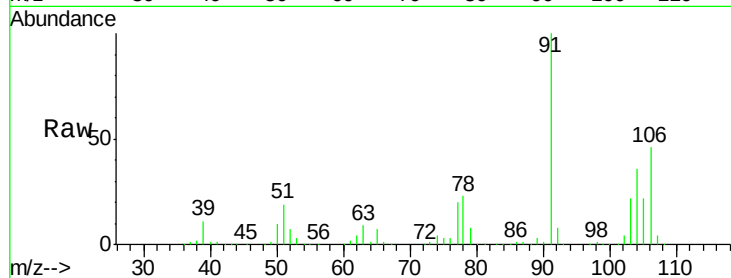




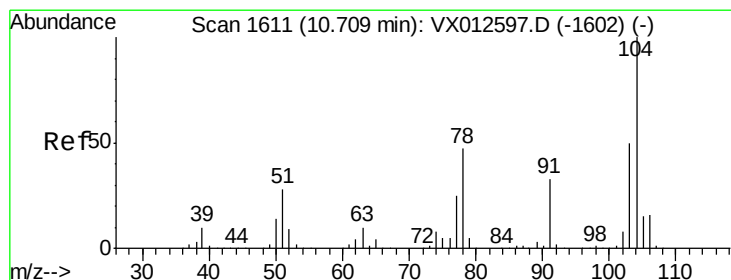
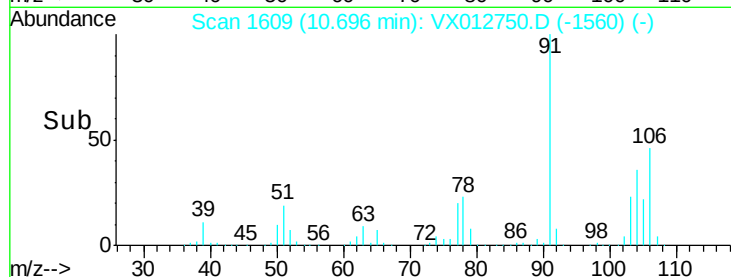
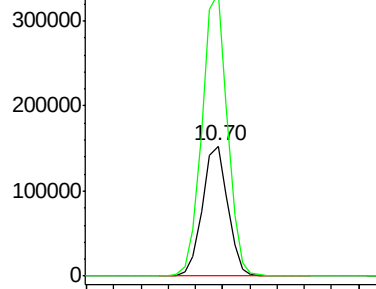
#69
o-Xylene
Concen: 50.697 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 198794
Ion Ratio Lower Upper
106 100
91 216.5 109.4 328.2

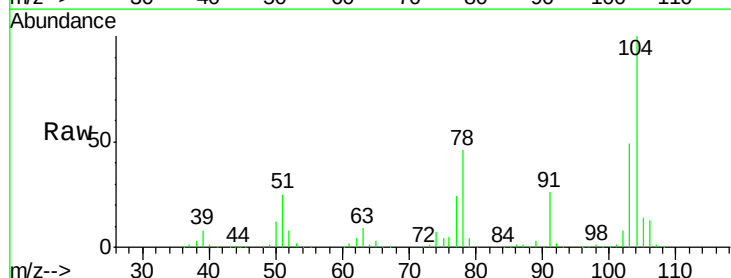


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

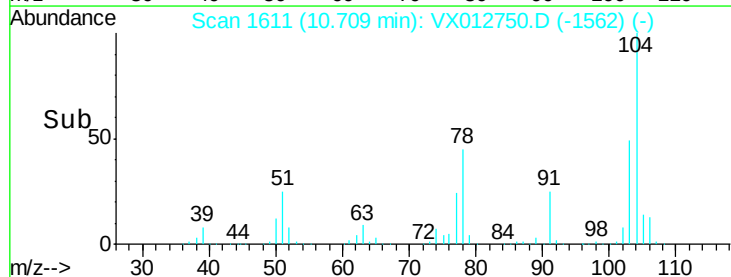
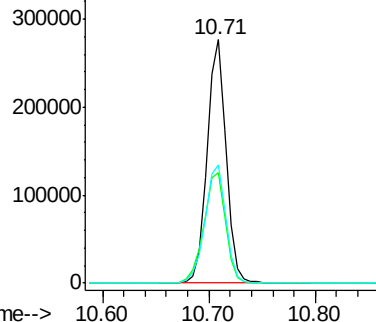


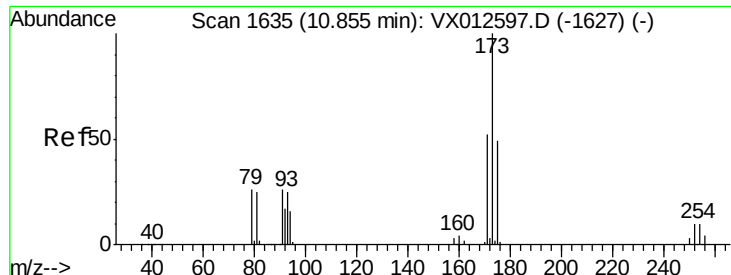
#70
Styrene
Concen: 52.832 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

Tgt Ion:104 Resp: 347296
Ion Ratio Lower Upper
104 100
78 52.3 43.4 65.2
103 53.8 43.3 64.9



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





#71

Bromoform

Concen: 53.461 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

Instrument :

MSVOA_X

ClientSampleId :

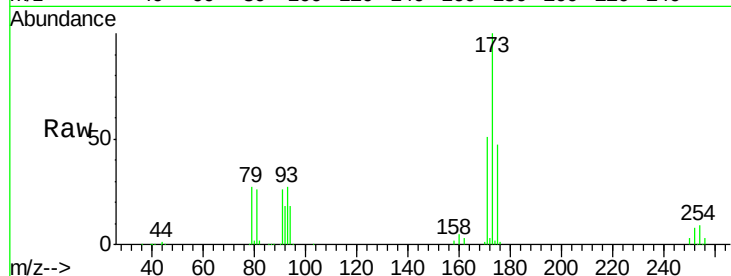
Tot Ion:173 Resp: 80446

Ion Ratio Lower Upper

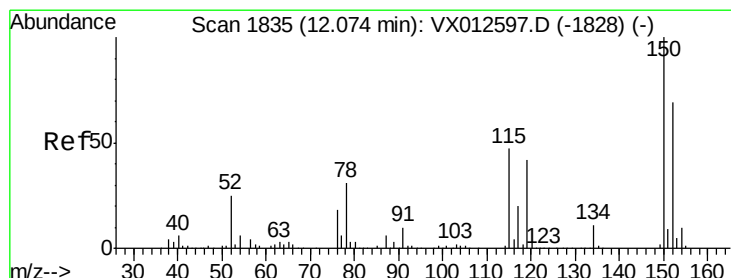
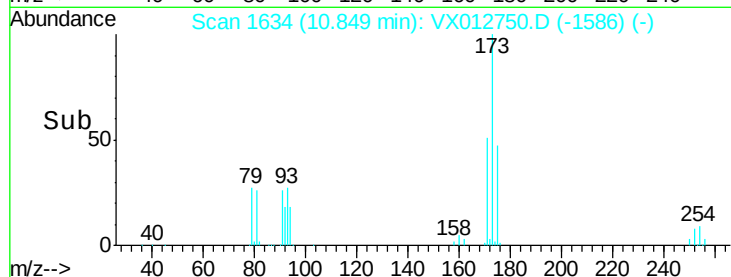
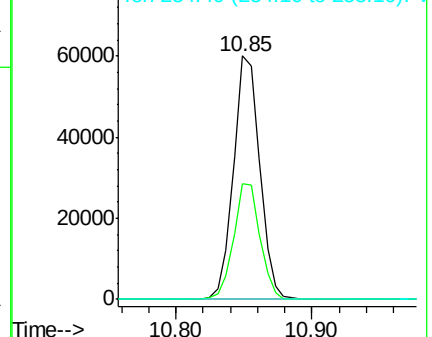
173 100

175 47.9 23.7 71.1

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

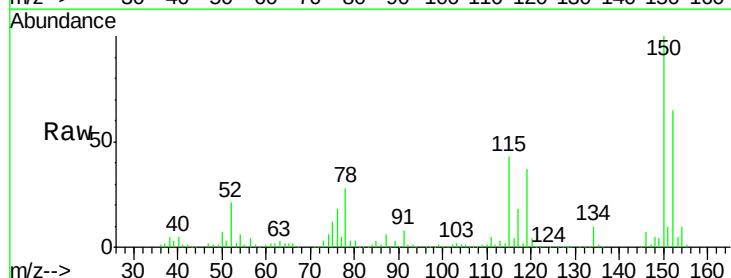
Tgt Ion:152 Resp: 137304

Ion Ratio Lower Upper

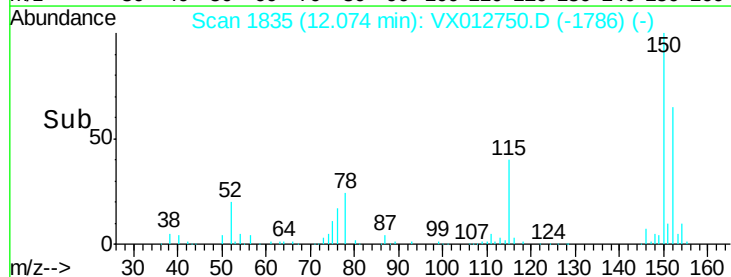
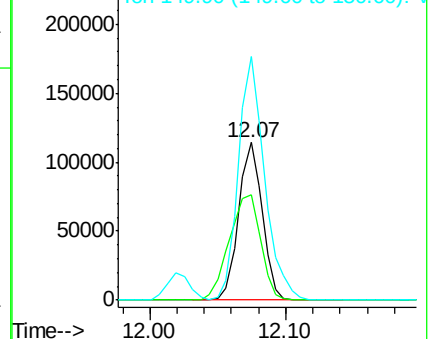
152 100

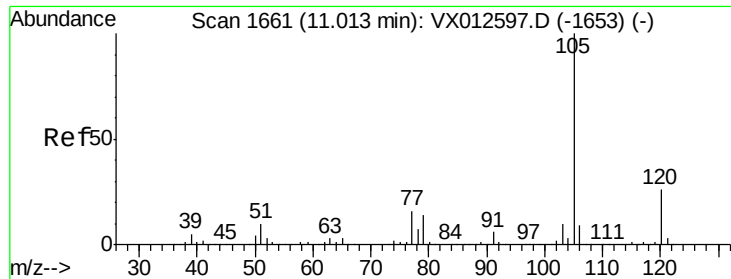
115 89.1 44.1 132.3

150 172.3 0.0 343.8



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: 48.346 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

Instrument :

MSVOA_X

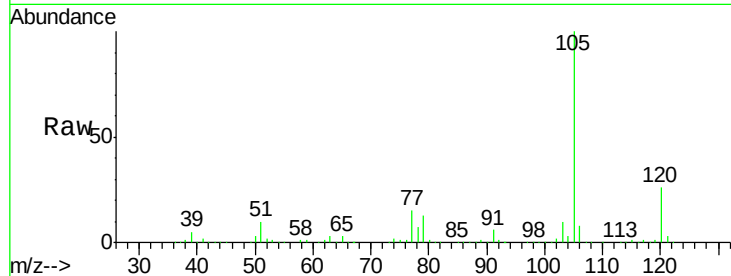
ClientSampleId :

Tot Ion:105 Resp: 540650

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

400000

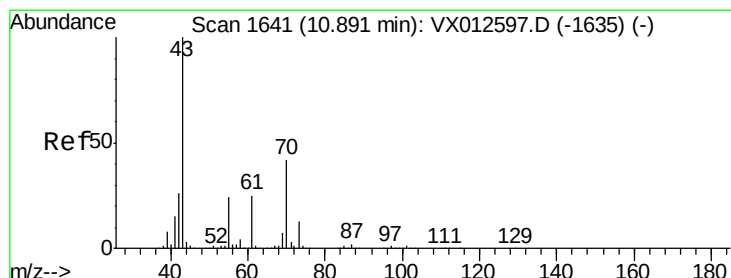
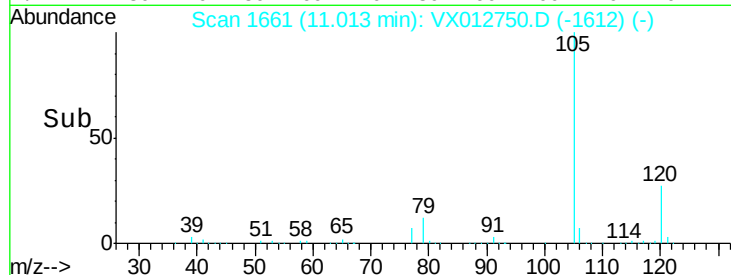
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 45.237 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

Tgt Ion: 43 Resp: 241340

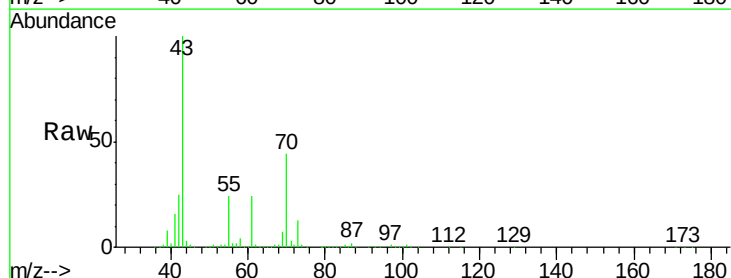
Ion Ratio Lower Upper

43 100

70 44.6 32.4 48.6

55 24.8 18.2 27.4

61 25.0 18.5 27.7



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

10.89

300000

250000

200000

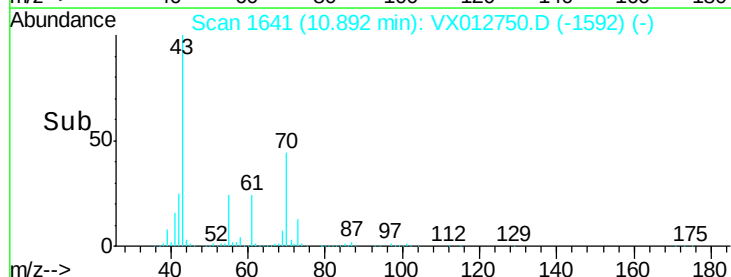
150000

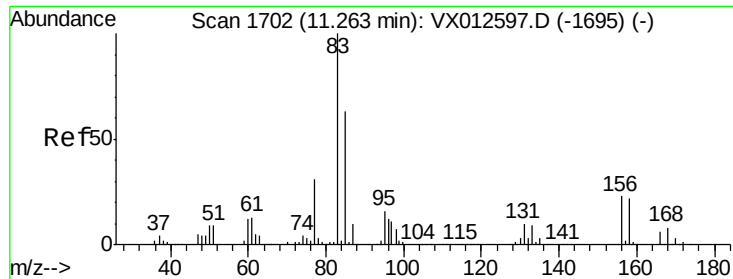
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.739 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

Instrument :

MSVOA_X

ClientSampleId :

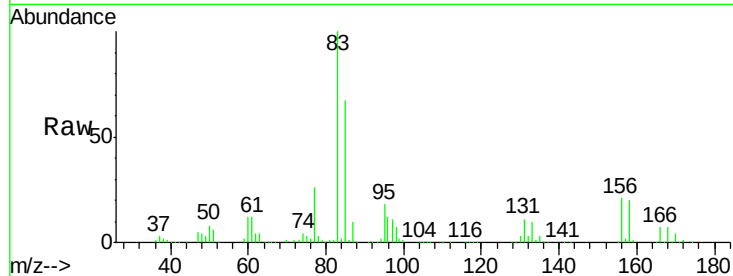
Tot Ion: 83 Resp: 176807

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

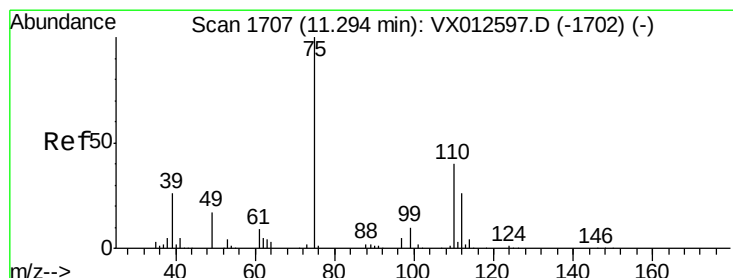
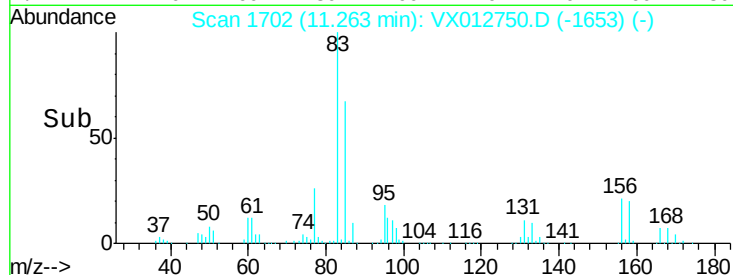
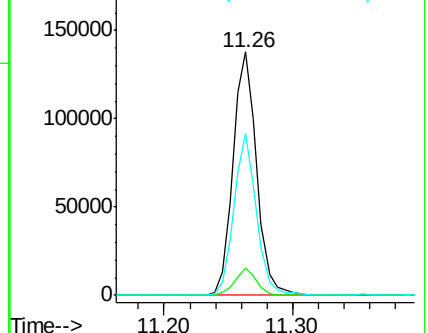
85 63.7 32.0 96.0



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: 57.845 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX012750.D

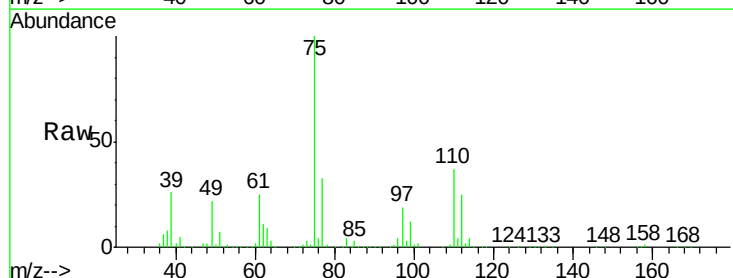
Acq: 02 Oct 2019 10:03

Tgt Ion: 75 Resp: 210096

Ion Ratio Lower Upper

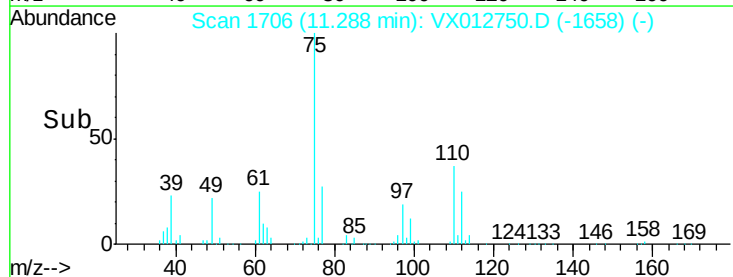
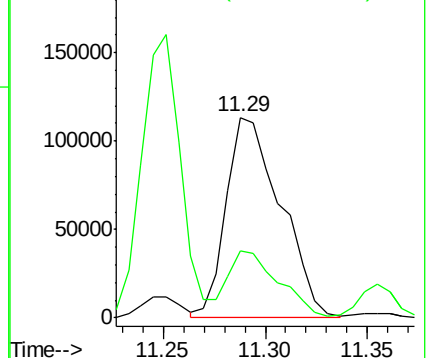
75 100

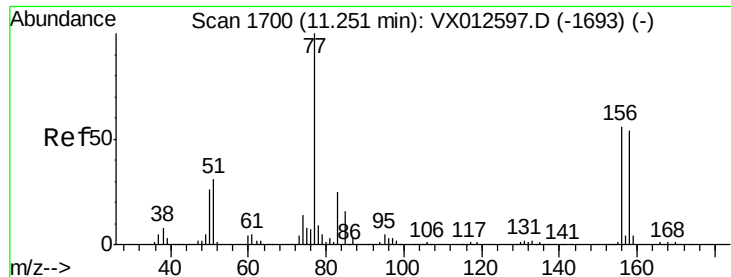
77 30.7 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.016 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

Instrument :

MSVOA_X

ClientSampleId :

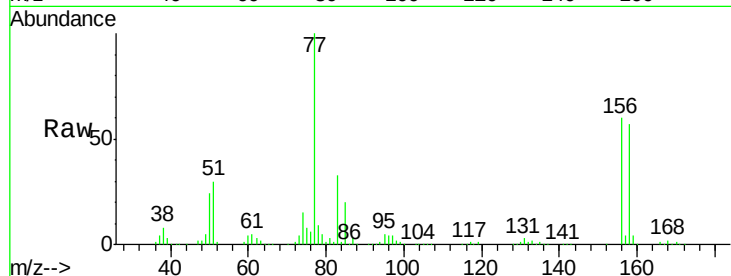
Tot Ion:156 Resp: 121530

Ion Ratio Lower Upper

156 100

77 175.8 87.3 261.8

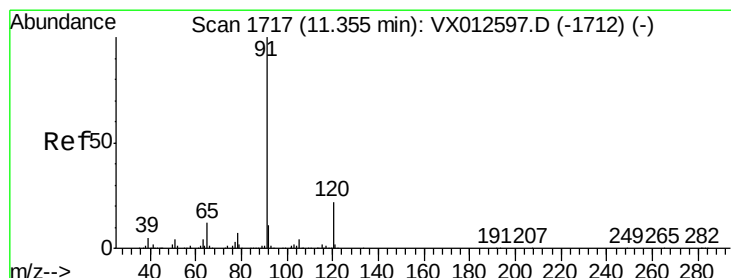
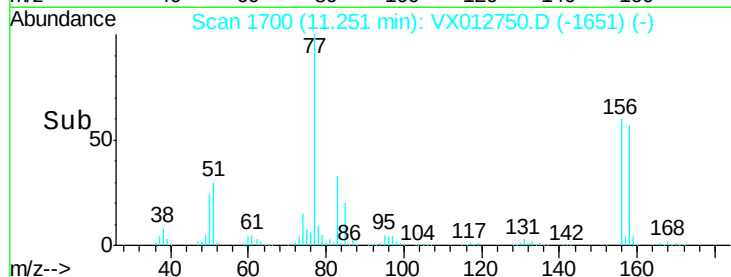
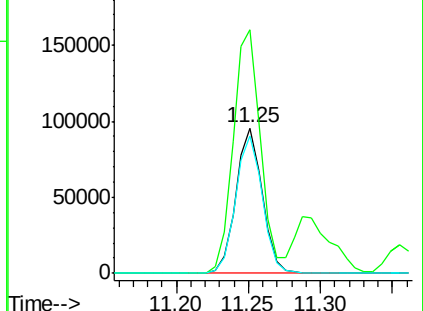
158 96.2 48.5 145.6



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: 46.998 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012750.D

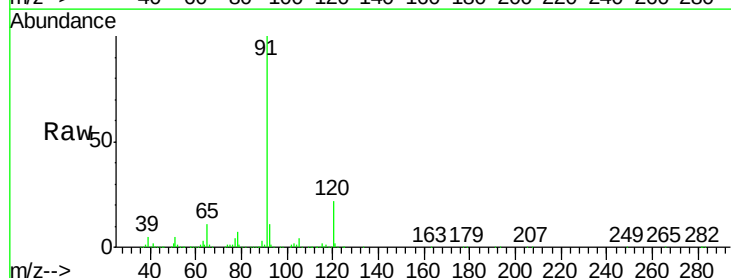
Acq: 02 Oct 2019 10:03

Tgt Ion: 91 Resp: 591705

Ion Ratio Lower Upper

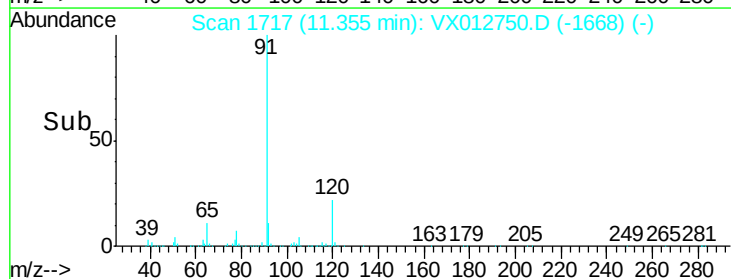
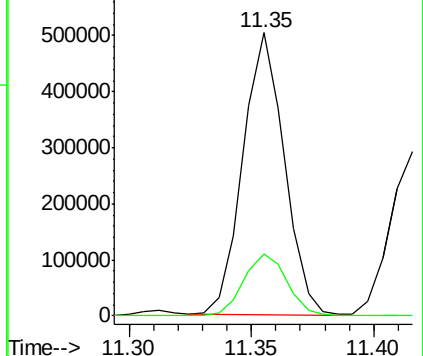
91 100

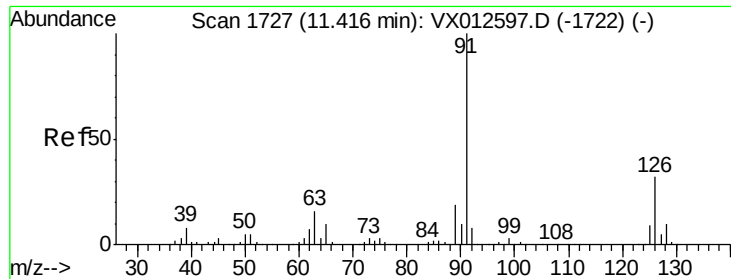
120 23.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

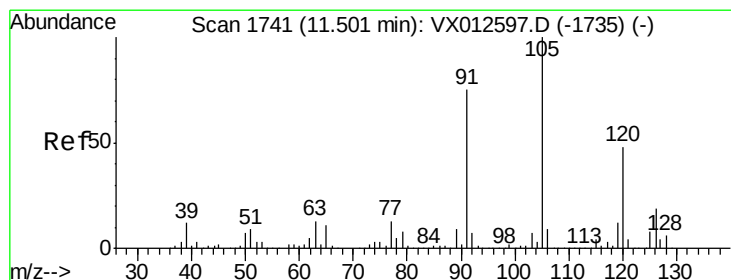
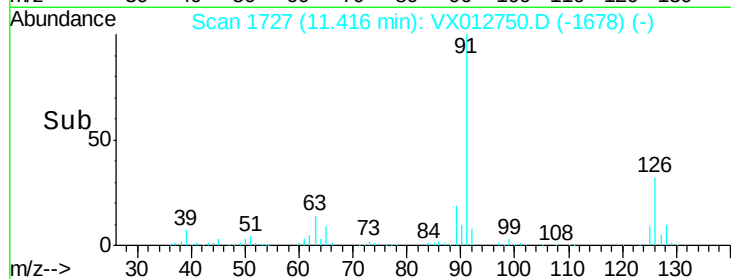
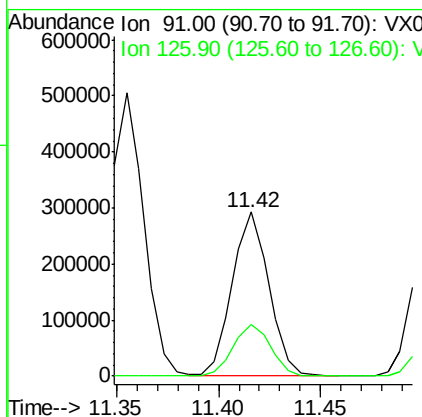
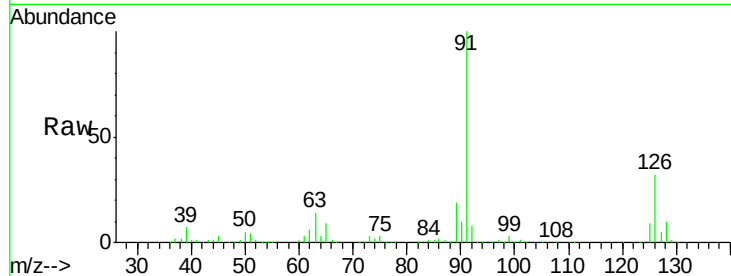




#79
 2-Chlorotoluene
 Concen: 46.207 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012750.D
 Acq: 02 Oct 2019 10:03

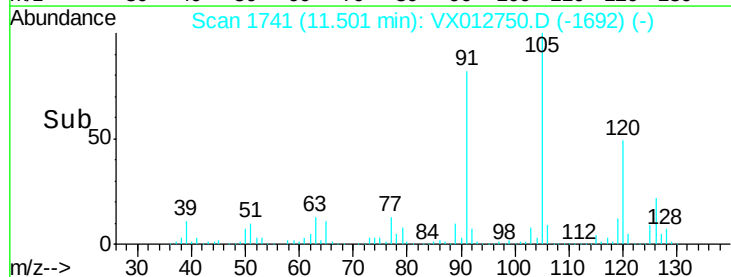
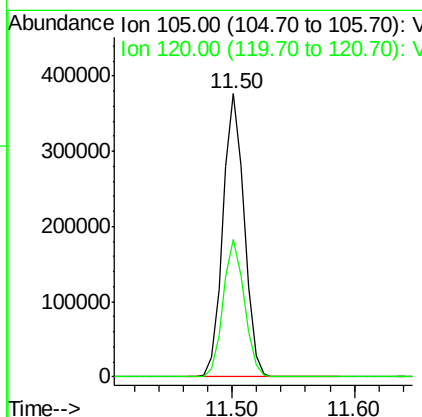
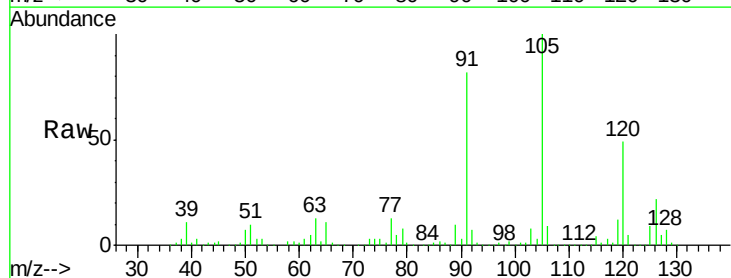
Instrument :
 MSVOA_X
 ClientSampleId :

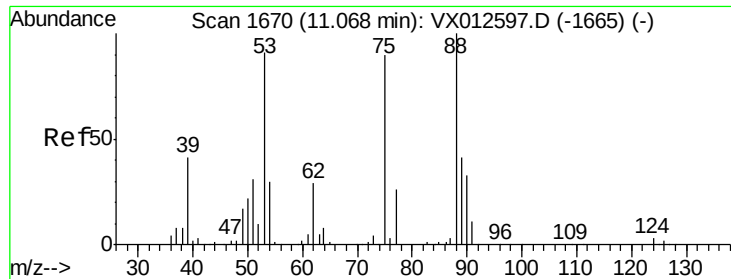
Tot Ion: 91 Resp: 362909
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 48.277 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012750.D
 Acq: 02 Oct 2019 10:03

Tgt Ion: 105 Resp: 452732
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.3 72.8

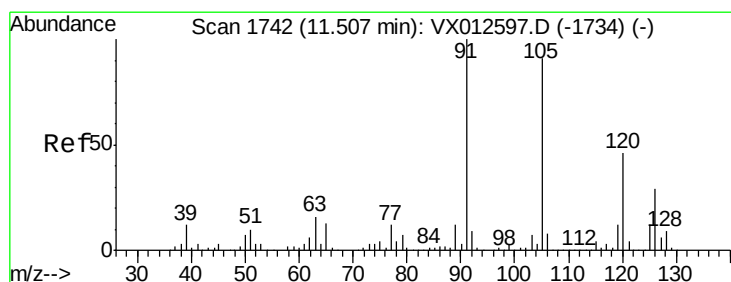
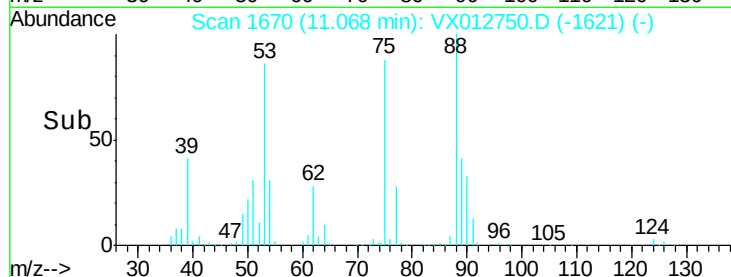
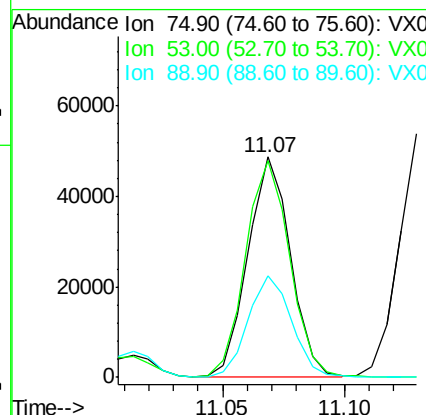
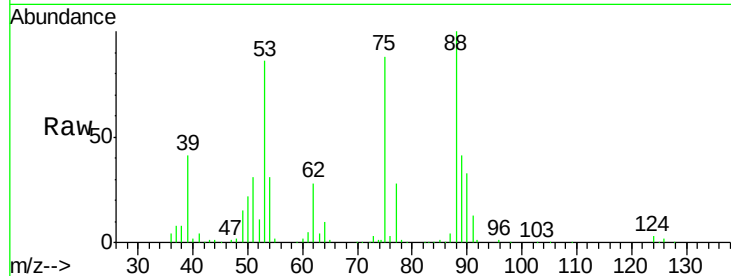




#81
trans-1,4-Dichloro-2-butene
Concen: 46.211 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

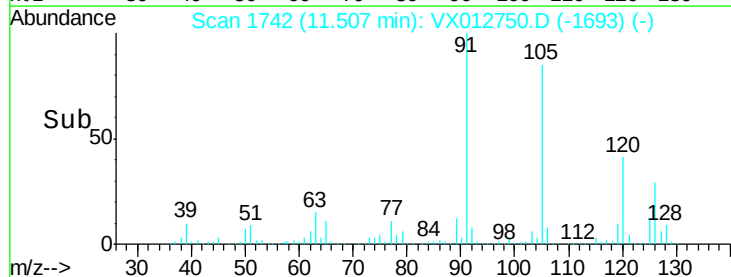
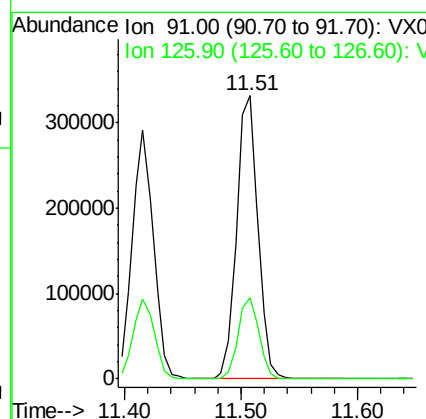
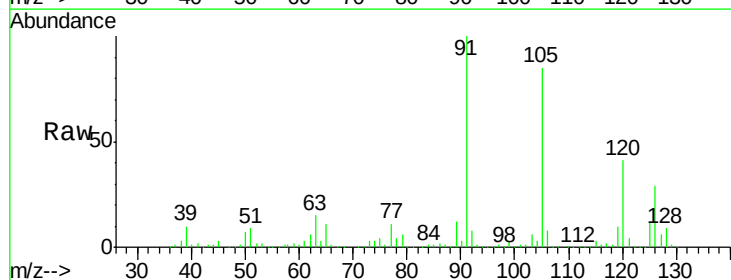
Instrument :
MSVOA_X
ClientSampled :

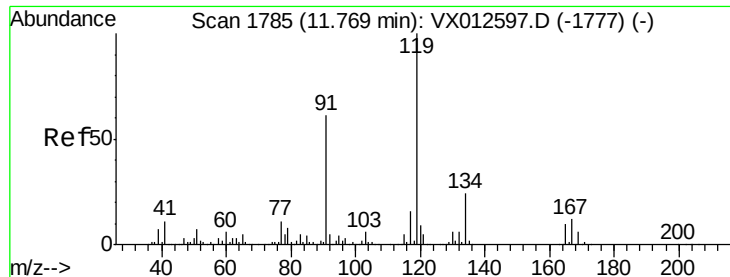
Tot Ion: 75 Resp: 58567
Ion Ratio Lower Upper
75 100
53 102.4 83.6 125.4
89 47.4 36.3 54.5



#82
4-Chlorotoluene
Concen: 47.350 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

Tgt Ion: 91 Resp: 423928
Ion Ratio Lower Upper
91 100
126 28.3 14.4 43.0

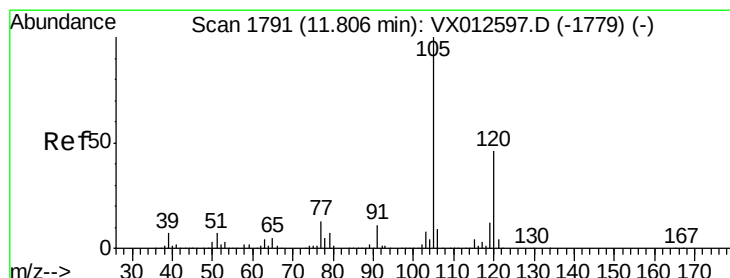
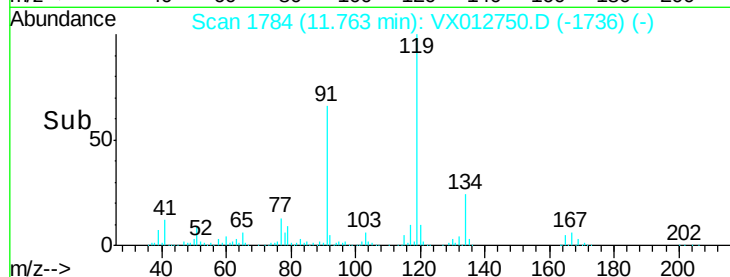
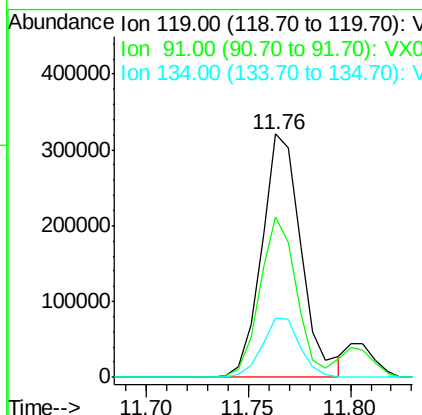
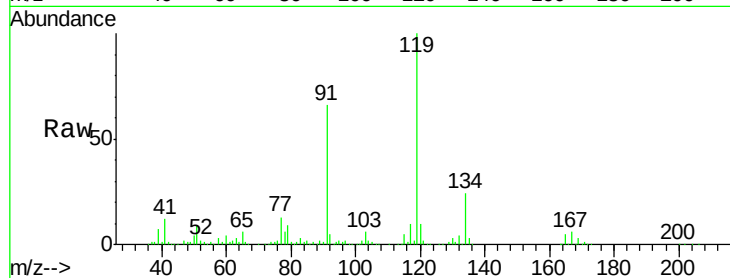




#83
 tert-Butylbenzene
 Concen: 47.781 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012750.D
 Acq: 02 Oct 2019 10:03

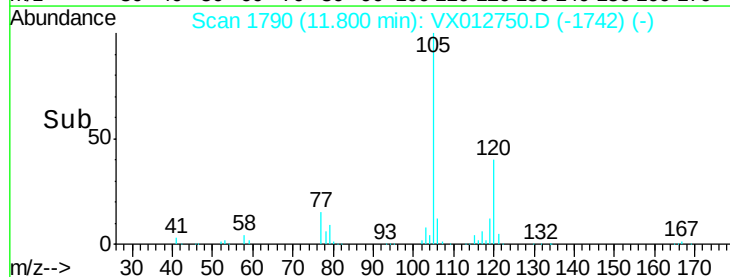
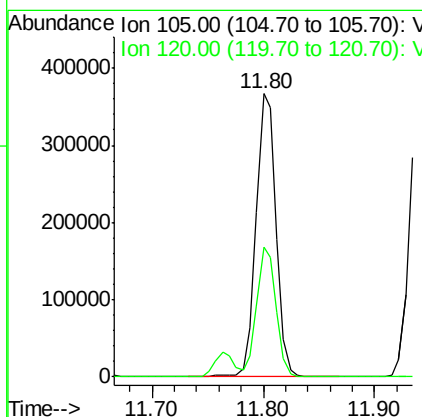
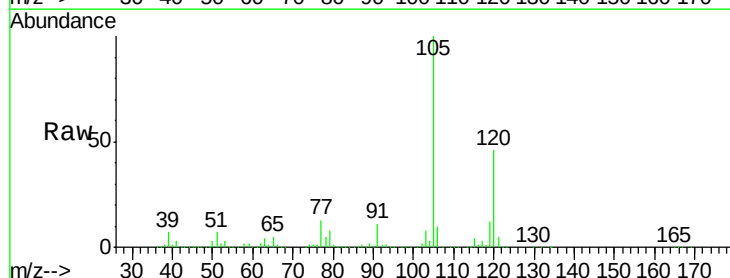
Instrument :
 MSVOA_X
 ClientSampleId :

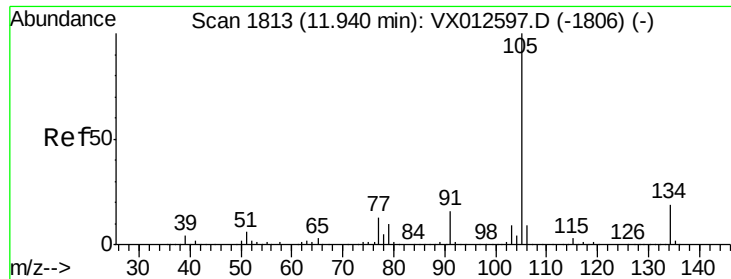
Tot Ion:119 Resp: 432240
 Ion Ratio Lower Upper
 119 100
 91 61.1 30.0 90.0
 134 23.3 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 48.359 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012750.D
 Acq: 02 Oct 2019 10:03

Tgt Ion:105 Resp: 457482
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 50.239 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

Instrument :

MSVOA_X

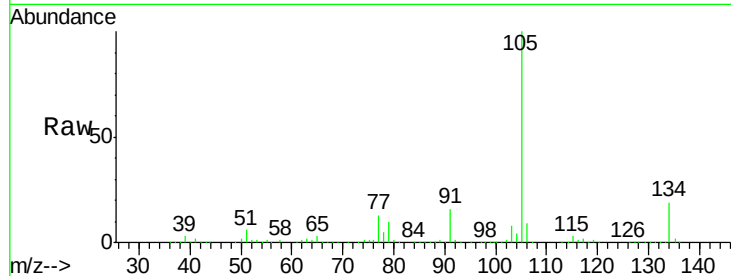
ClientSampleId :

Tot Ion:105 Resp: 528599

Ion Ratio Lower Upper

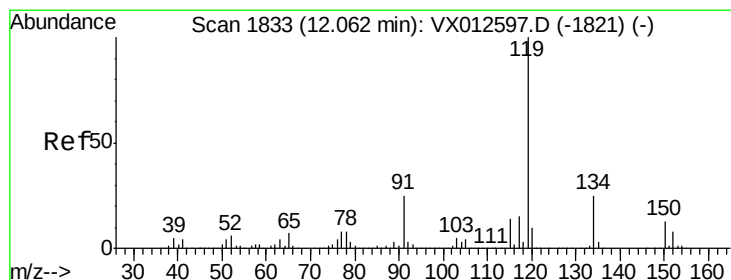
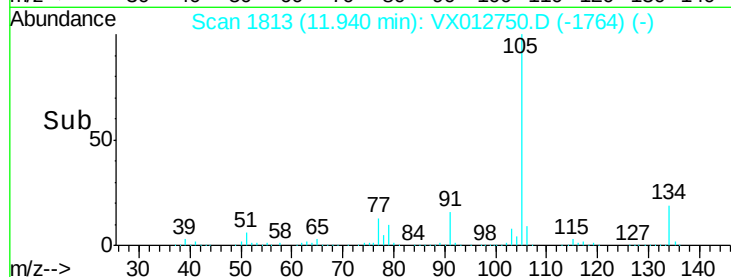
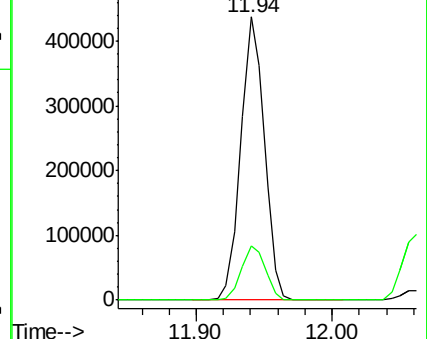
105 100

134 19.6 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.733 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

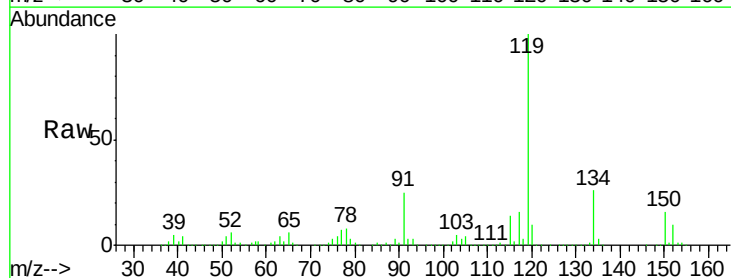
Tgt Ion:119 Resp: 481651

Ion Ratio Lower Upper

119 100

134 25.2 12.7 38.1

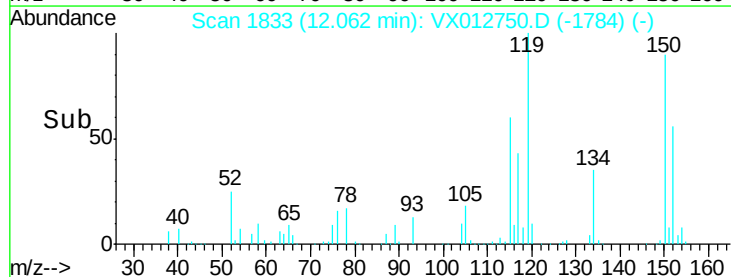
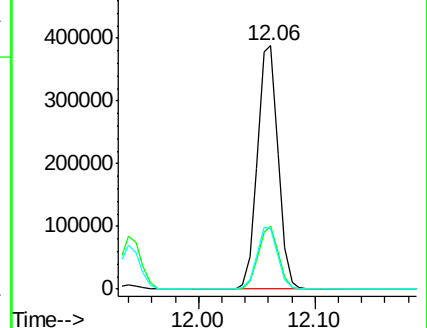
91 25.5 12.8 38.4

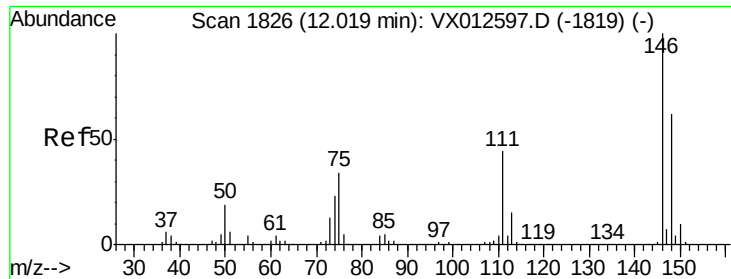


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

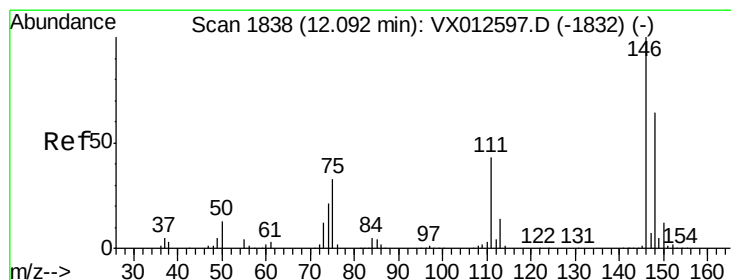
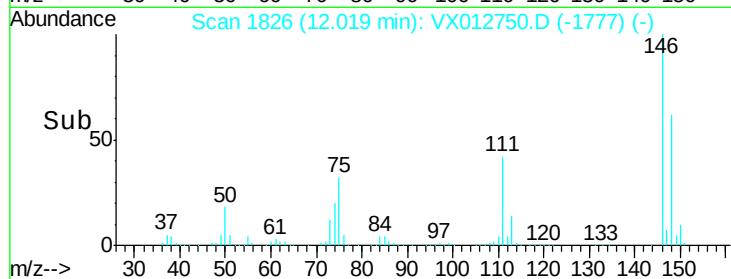
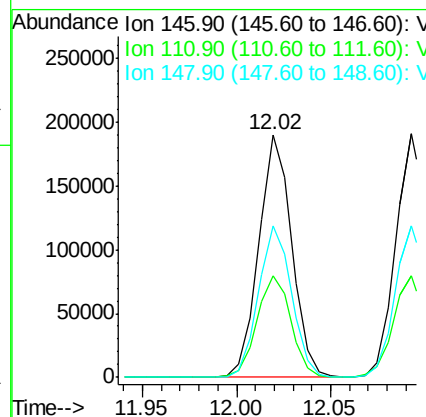
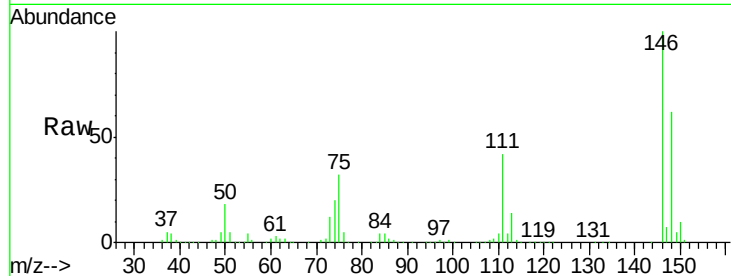




#87
 1,3-Dichlorobenzene
 Concen: 50.475 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012750.D
 Acq: 02 Oct 2019 10:03

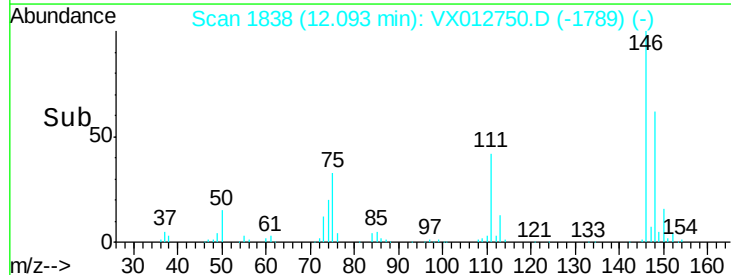
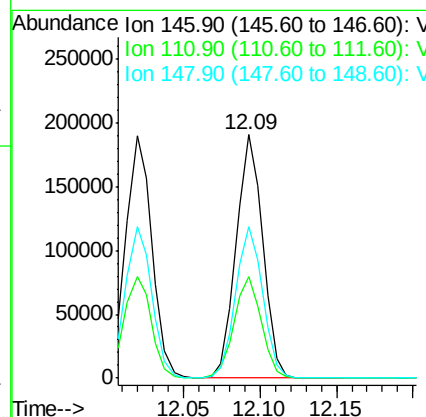
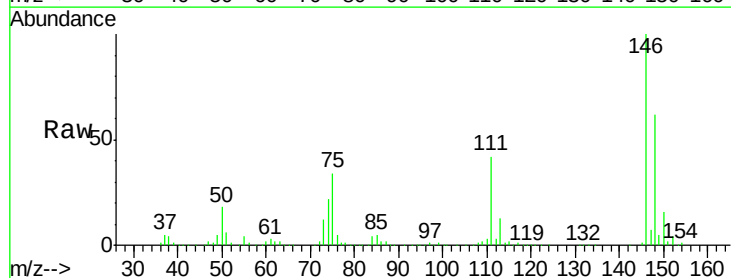
Instrument :
 MSVOA_X
 ClientSampled :

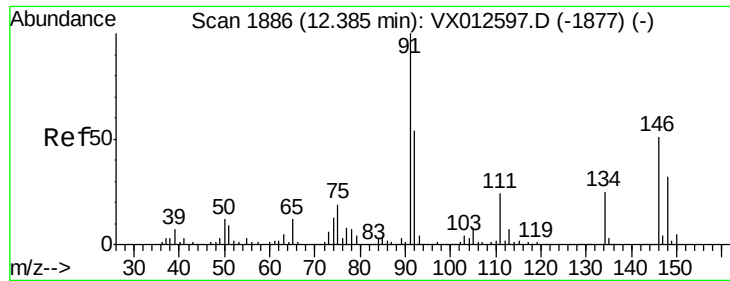
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.3	64.0
148	63.1	32.4	97.2



#88
 1,4-Dichlorobenzene
 Concen: 50.007 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012750.D
 Acq: 02 Oct 2019 10:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.1	63.3
148	62.9	32.1	96.5





#89

n-Butylbenzene

Concen: 50.022 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

Instrument :

MSVOA_X

ClientSampled :

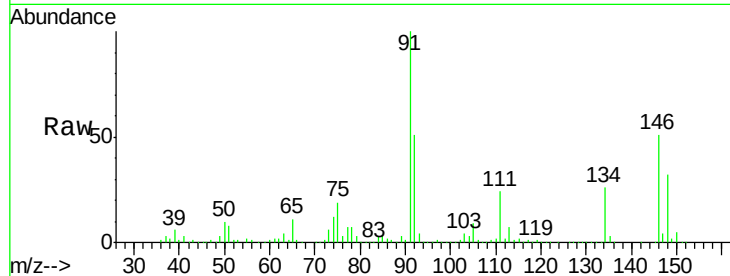
Tot Ion: 91 Resp: 418485

Ion Ratio Lower Upper

91 100

92 54.1 27.7 83.0

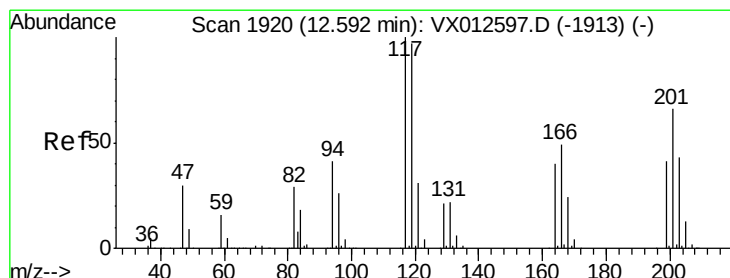
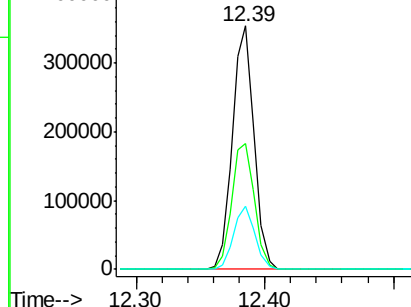
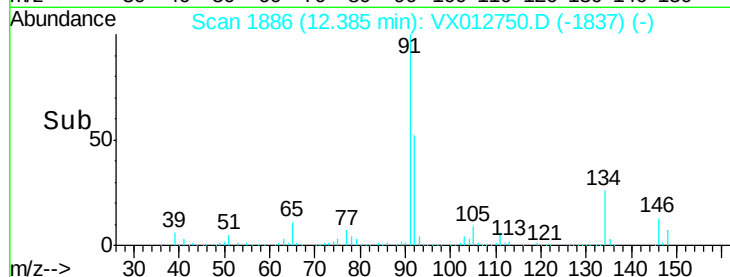
134 25.7 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX012750.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX012750.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX012750.D (-1837) (-)



#90

Hexachloroethane

Concen: 48.662 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012750.D

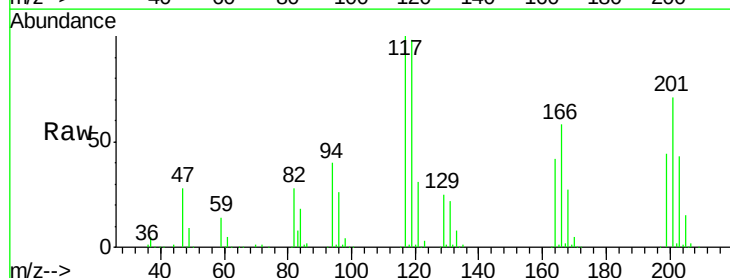
Acq: 02 Oct 2019 10:03

Tgt Ion: 117 Resp: 82364

Ion Ratio Lower Upper

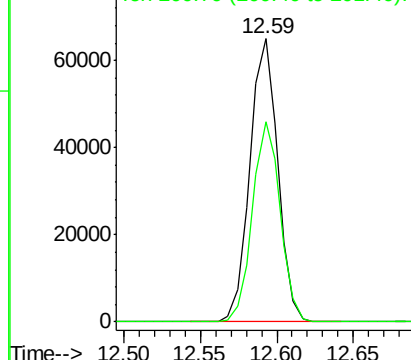
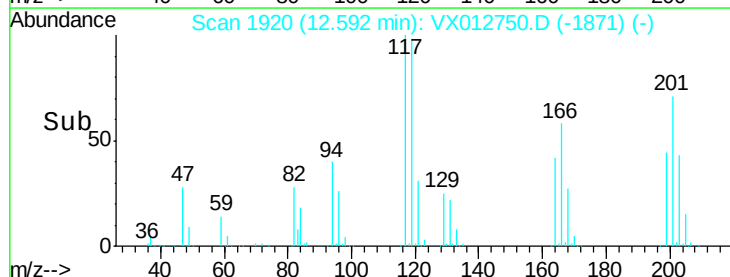
117 100

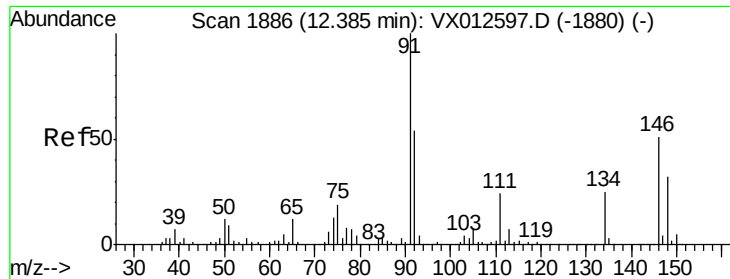
201 70.1 33.3 99.8



Abundance Ion 116.80 (116.50 to 117.50): VX012750.D (-1871) (-)

Ion 200.70 (200.40 to 201.40): VX012750.D (-1871) (-)





#91

1,2-Dichlorobenzene

Concen: 49.997 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

Instrument :

MSVOA_X

ClientSampleId :

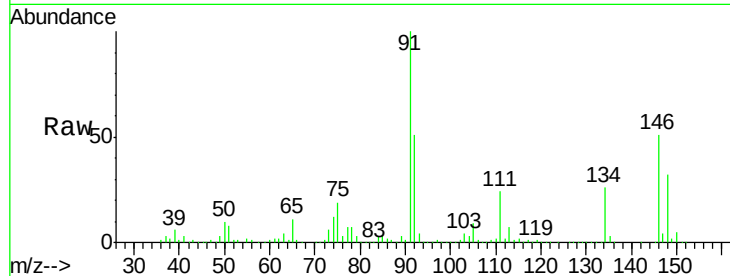
Tot Ion:146 Resp: 227990

Ion Ratio Lower Upper

146 100

111 46.0 22.1 66.1

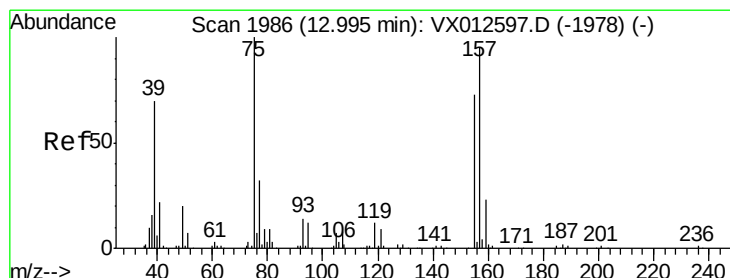
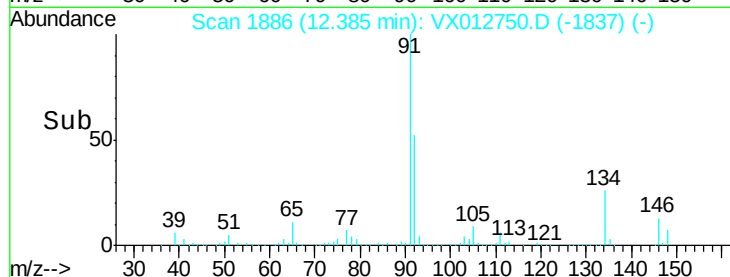
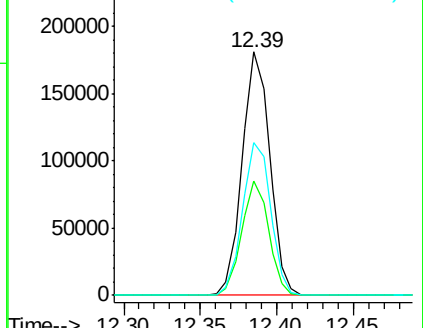
148 63.9 31.3 93.9



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: 46.710 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012750.D

Acq: 02 Oct 2019 10:03

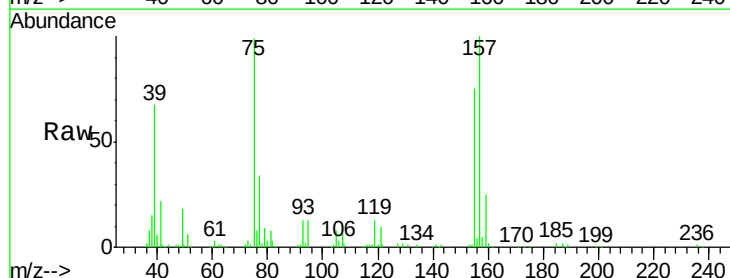
Tgt Ion: 75 Resp: 43275

Ion Ratio Lower Upper

75 100

155 78.0 38.6 115.8

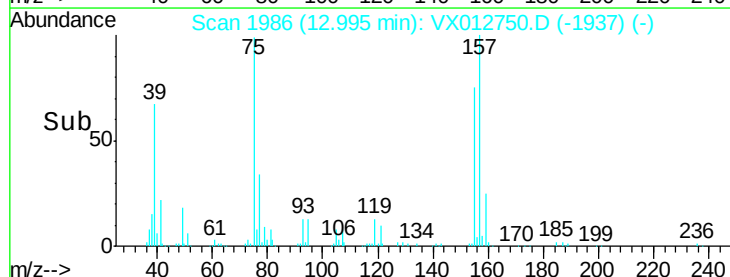
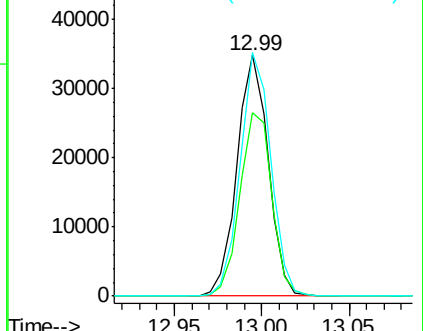
157 99.5 50.6 151.9

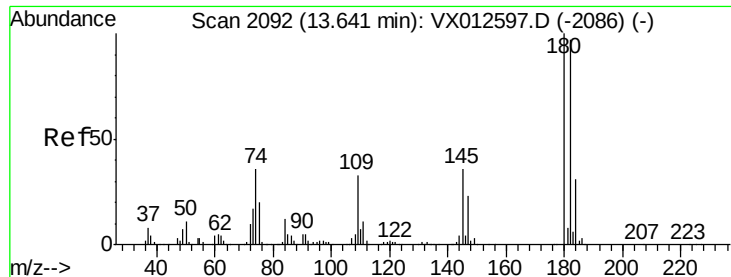


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

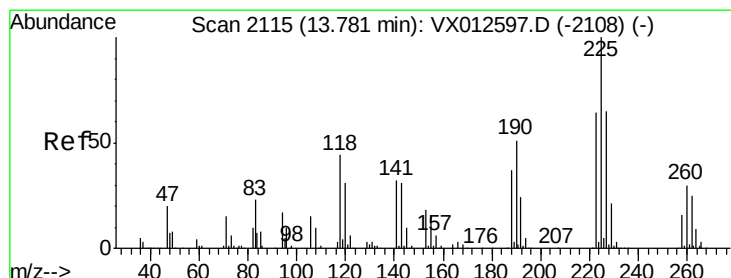
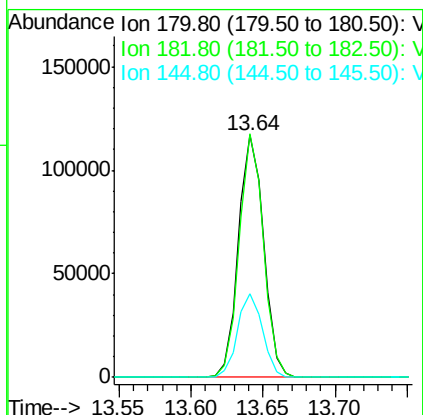
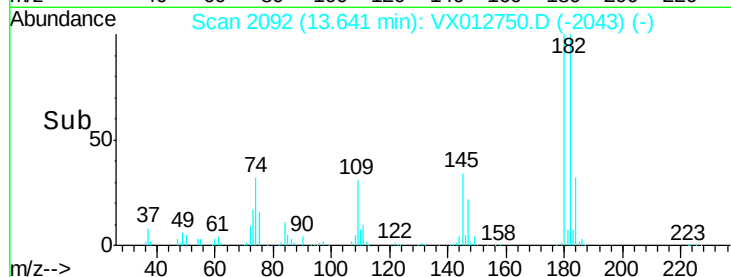
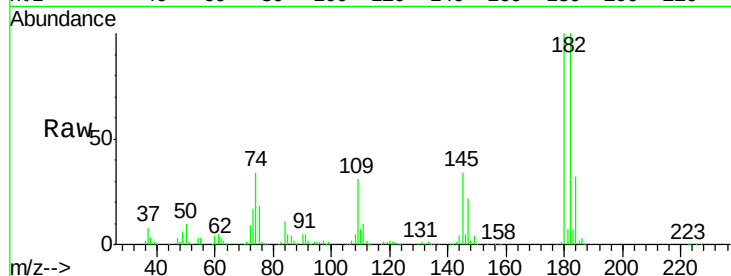




#93
 1,2,4-Trichlorobenzene
 Concen: 51.193 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012750.D
 Acq: 02 Oct 2019 10:03

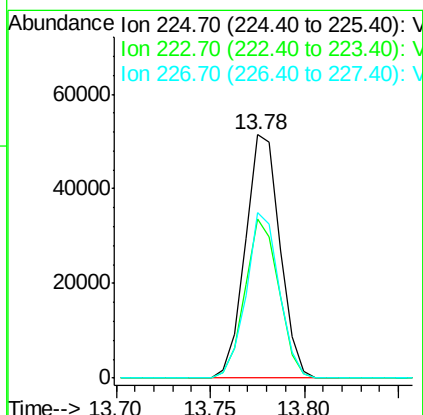
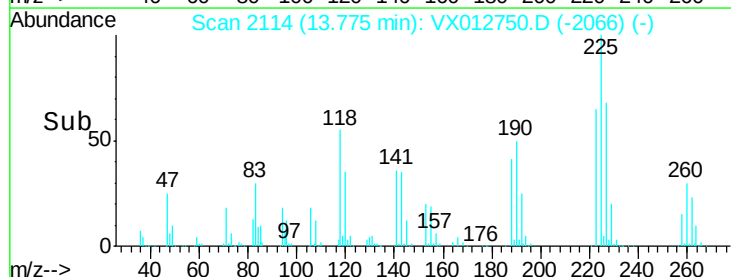
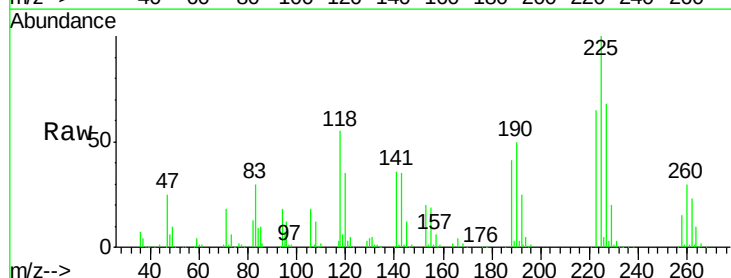
Instrument :
 MSVOA_X
 ClientSampleId :

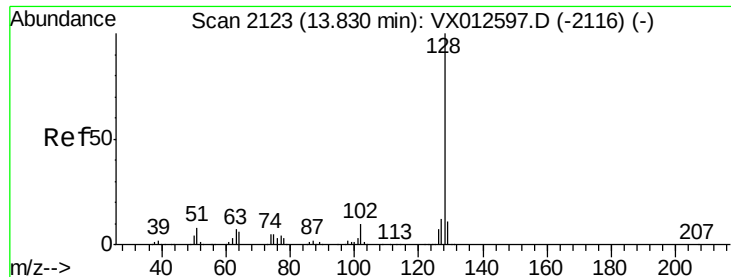
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.0	141.0
145	34.3	16.8	50.4



#94
 Hexachlorobutadiene
 Concen: 54.737 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012750.D
 Acq: 02 Oct 2019 10:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	32.0	96.2
227	64.8	31.9	95.5

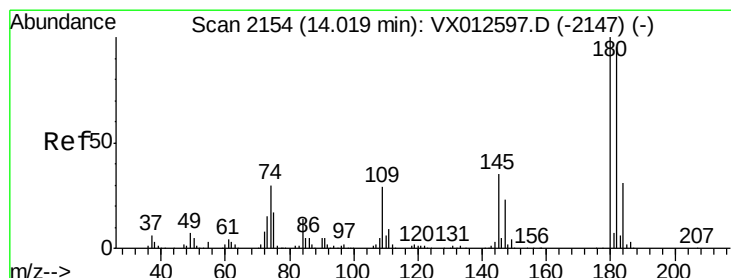
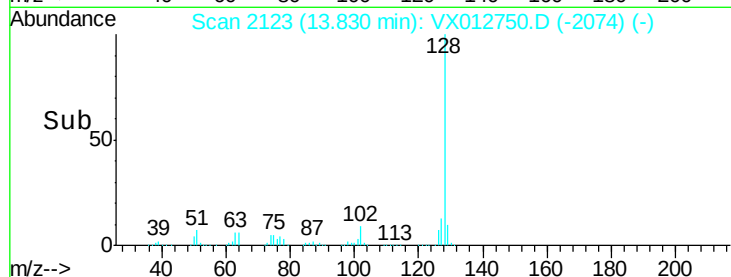
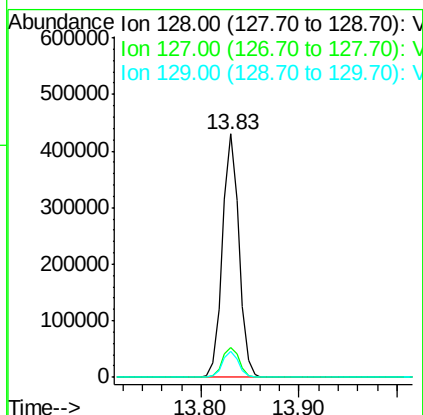
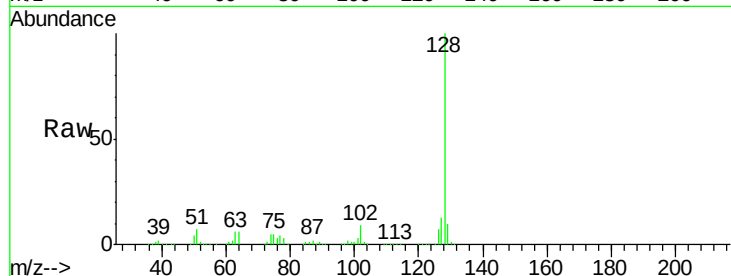




#95
Naphthalene
Concen: 49.997 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 503047
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.722 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012750.D
Acq: 02 Oct 2019 10:03

Tgt Ion:180 Resp: 144084
Ion Ratio Lower Upper
180 100
182 93.4 47.1 141.3
145 36.0 18.0 54.0

