

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012820\
 Data File : VX014757.D
 Acq On : 28 Jan 2020 17:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 23:22:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	439318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	671847	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	612665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	312031	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	246378	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
35) Dibromofluoromethane	5.48	113	205137	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
50) Toluene-d8	8.71	98	793398	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
62) 4-Bromofluorobenzene	11.13	95	283649	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	277471	47.086	ug/l	100
3) Chloromethane	1.32	50	280102	47.130	ug/l	99
4) Vinyl Chloride	1.40	62	325516	50.656	ug/l	99
5) Bromomethane	1.63	94	184206	42.203	ug/l	99
6) Chloroethane	1.72	64	182371	49.594	ug/l	98
7) Trichlorofluoromethane	1.92	101	360940	48.239	ug/l	99
8) Diethyl Ether	2.18	74	159252	48.762	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	212576	48.396	ug/l	99
10) Methyl Iodide	2.50	142	263813	45.772	ug/l	99
11) Tert butyl alcohol	3.03	59	244075	211.910	ug/l	99
12) 1,1-Dichloroethene	2.37	96	212785	48.723	ug/l	99
13) Acrolein	2.28	56	282127	310.660	ug/l	100
14) Allyl chloride	2.72	41	384166	48.940	ug/l	99
15) Acrylonitrile	3.13	53	648786	243.451	ug/l	99
16) Acetone	2.43	43	576668	205.124	ug/l	100
17) Carbon Disulfide	2.56	76	543306	45.518	ug/l	99
18) Methyl Acetate	2.76	43	394420	49.144	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	729047	50.967	ug/l	99
20) Methylene Chloride	2.85	84	241748	46.465	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	227359	47.282	ug/l	98
22) Diisopropyl ether	3.84	45	785573	50.301	ug/l	99
23) Vinyl Acetate	3.80	43	3124309	262.434	ug/l	100
24) 1,1-Dichloroethane	3.69	63	418022	49.286	ug/l	99
25) 2-Butanone	4.65	43	908098	225.421	ug/l	98
26) 2,2-Dichloropropane	4.58	77	337630	49.734	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	265205	49.279	ug/l	99
28) Bromochloromethane	5.01	49	171620	46.047	ug/l	98
29) Tetrahydrofuran	5.11	42	581535	243.222	ug/l	99
30) Chloroform	5.20	83	414011	49.276	ug/l	97
31) Cyclohexane	5.58	56	387126	48.529	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	349346	49.191	ug/l	99
36) 1,1-Dichloropropene	5.79	75	313210	50.172	ug/l	99
37) Ethyl Acetate	4.82	43	346234	48.424	ug/l	99
38) Carbon Tetrachloride	5.78	117	299305	50.201	ug/l	100

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 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	387050	49.490	ug/l	96
40) Benzene	6.14	78	954841	49.502	ug/l	99
41) Methacrylonitrile	5.03	41	197017	48.290	ug/l	98
42) 1,2-Dichloroethane	6.19	62	330893	49.677	ug/l	100
43) Isopropyl Acetate	6.43	43	582532	49.753	ug/l	100
44) Trichloroethene	7.21	130	260737	47.855	ug/l	100
45) 1,2-Dichloropropane	7.51	63	250926	50.496	ug/l	97
46) Dibromomethane	7.65	93	160366	49.828	ug/l	98
47) Bromodichloromethane	7.89	83	320638	50.796	ug/l	98
48) Methyl methacrylate	7.76	41	286144	51.149	ug/l	98
49) 1,4-Dioxane	7.73	88	106052	894.304	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1812904	245.322	ug/l	99
52) Toluene	8.78	92	605213	51.043	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	359427	52.881	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	395670	52.917	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	246539	50.785	ug/l	99
56) Ethyl methacrylate	9.17	69	389248	47.393	ug/l	100
57) 1,3-Dichloropropane	9.37	76	416387	50.175	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	630081	258.083	ug/l	99
59) 2-Hexanone	9.48	43	1365623	238.144	ug/l	98
60) Dibromochloromethane	9.57	129	261012	51.511	ug/l	100
61) 1,2-Dibromoethane	9.67	107	258257	50.316	ug/l	99
64) Tetrachloroethene	9.33	164	264248	43.572	ug/l	96
65) Chlorobenzene	10.14	112	649089	49.532	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	243232	50.341	ug/l	99
67) Ethyl Benzene	10.25	91	1149190	51.358	ug/l	99
68) m/p-Xylenes	10.36	106	875892	103.325	ug/l	100
69) o-Xylene	10.70	106	424638	51.888	ug/l	100
70) Styrene	10.71	104	734807	53.527	ug/l	99
71) Bromoform	10.85	173	200786	52.256	ug/l #	100
73) Isopropylbenzene	11.01	105	1125069	51.279	ug/l	100
74) N-amyl acetate	10.89	43	510747	53.123	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	373275	47.650	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	433549	59.721	ug/l	92
77) Bromobenzene	11.25	156	296357	50.280	ug/l	96
78) n-propylbenzene	11.35	91	1277871	51.312	ug/l	99
79) 2-Chlorotoluene	11.42	91	744440	49.404	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	929350	51.037	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	124876	48.952	ug/l	99
82) 4-Chlorotoluene	11.51	91	870411	50.739	ug/l	99
83) tert-Butylbenzene	11.76	119	922949	53.939	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	949231	51.971	ug/l	99
85) sec-Butylbenzene	11.94	105	1090607	52.028	ug/l	100
86) p-Isopropyltoluene	12.06	119	1013663	52.326	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	516373	48.748	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	521318	49.131	ug/l	99
89) n-Butylbenzene	12.39	91	871074	51.628	ug/l	100
90) Hexachloroethane	12.59	117	177295	49.273	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	520942	49.516	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	80131	47.611	ug/l	96

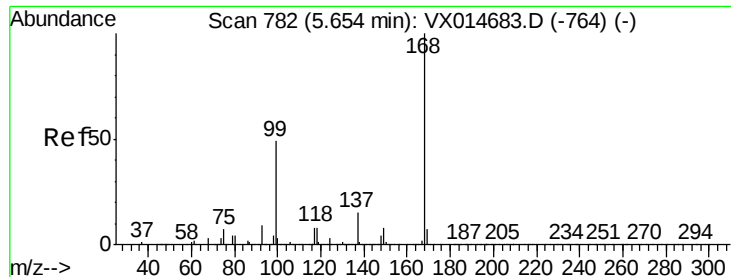
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Quant Title : SW846 8260
QLast Update : Wed Jan 22 12:35:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	359415	52.989	ug/l	98
94) Hexachlorobutadiene	13.78	225	172454	49.399	ug/l	97
95) Naphthalene	13.83	128	1079521	49.366	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	361032	52.640	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

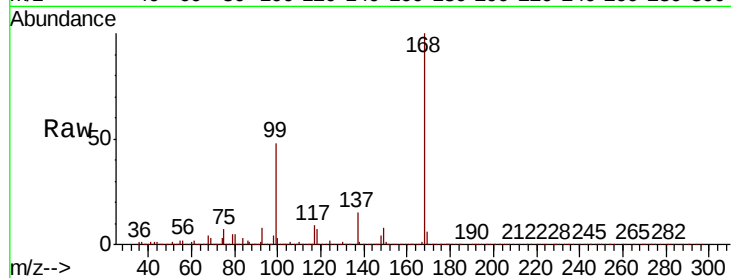
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 439318

Ion Ratio Lower Upper

168 100

99 48.0 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

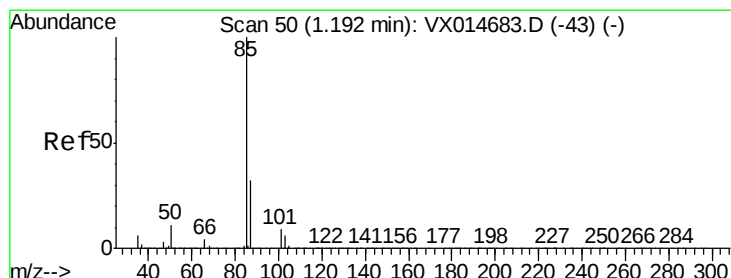
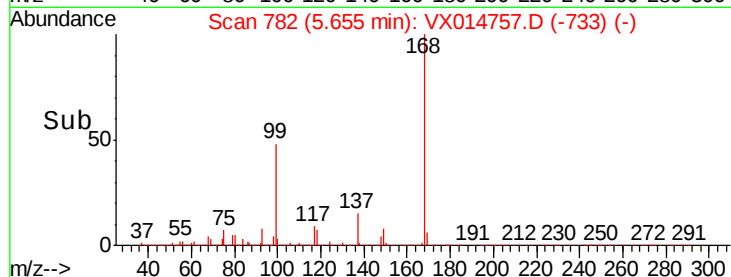
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.086 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014757.D

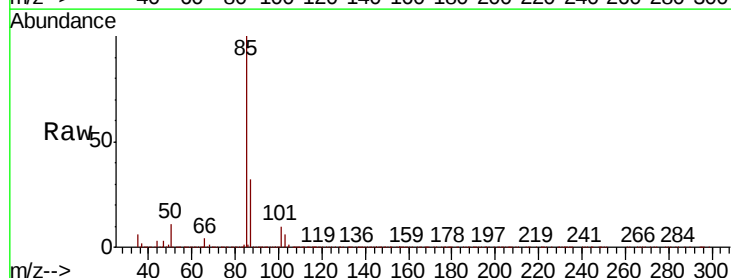
Acq: 28 Jan 2020 17:49

Tgt Ion: 85 Resp: 277471

Ion Ratio Lower Upper

85 100

87 32.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

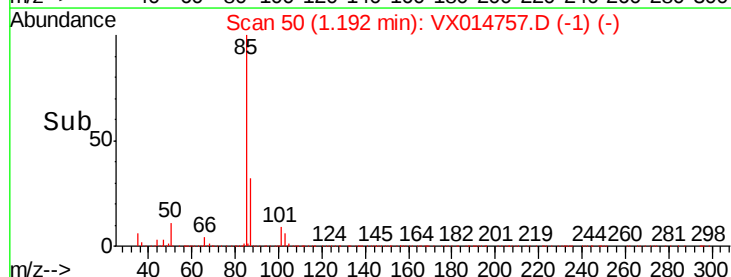
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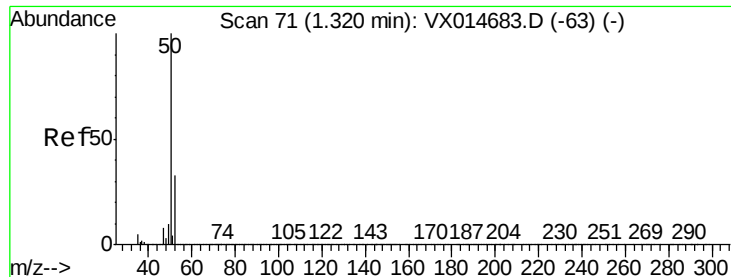
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Time-->

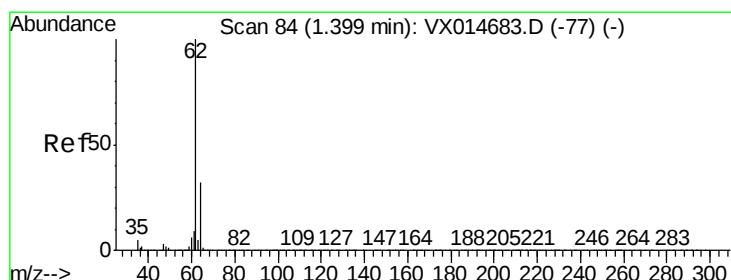
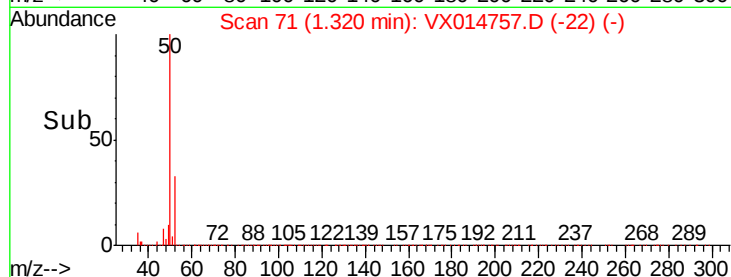
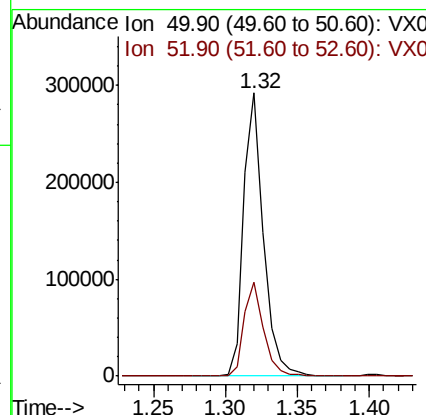
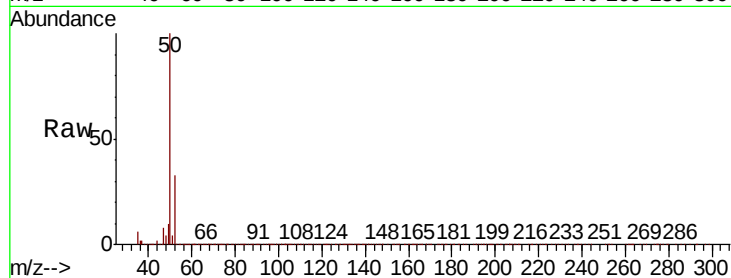




#3
Chloromethane
Concen: 47.130 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

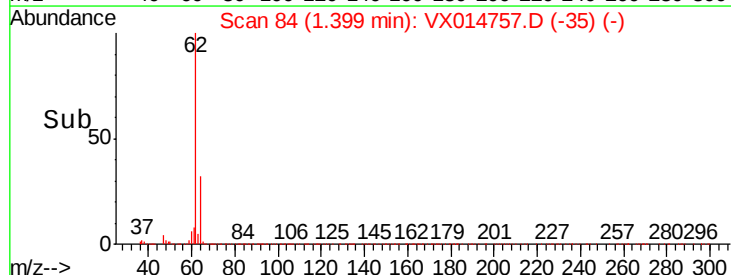
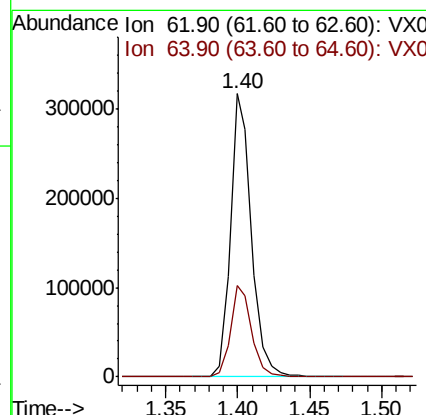
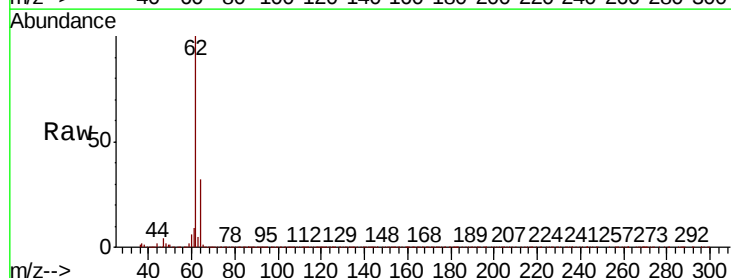
Instrument :
MSVOA_X
ClientSampleId :

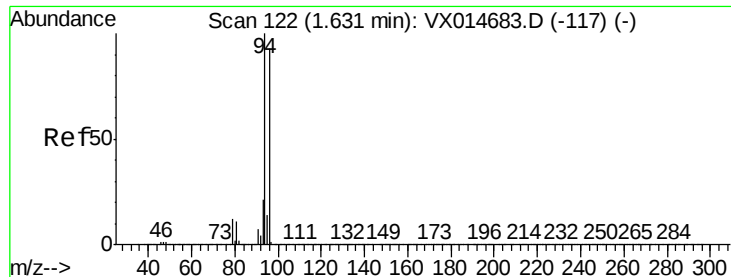
Tot Ion: 50 Resp: 280102
Ion Ratio Lower Upper
50 100
52 33.2 26.2 39.2



#4
Vinyl Chloride
Concen: 50.656 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion: 62 Resp: 325516
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.2





#5

Bromomethane

Concen: 42.203 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

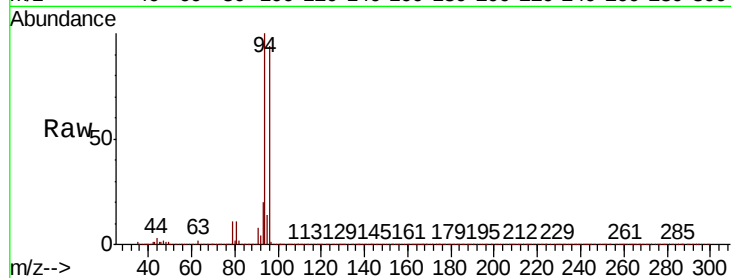
ClientSampleId :

Tot Ion: 94 Resp: 184206

Ion Ratio Lower Upper

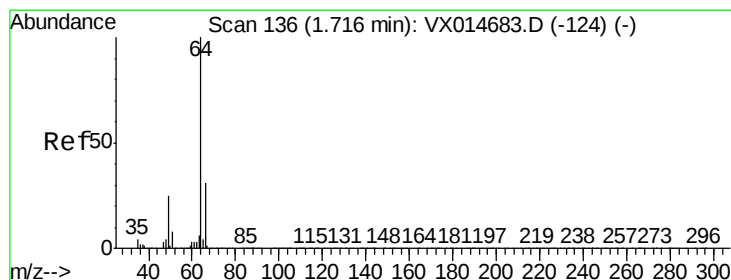
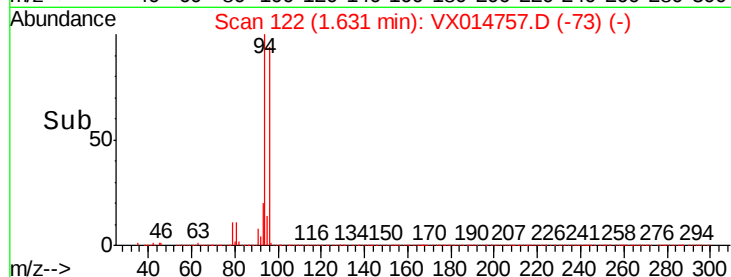
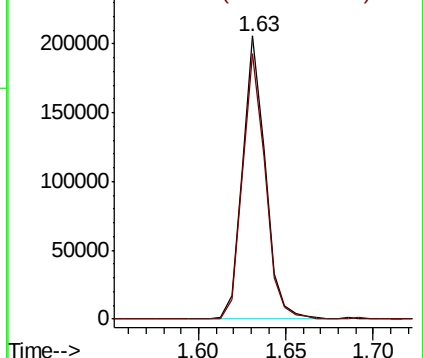
94 100

96 94.0 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.594 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014757.D

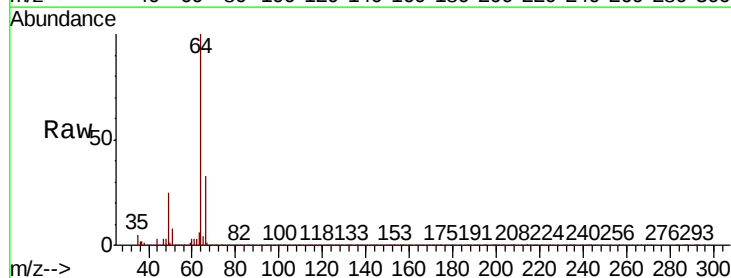
Acq: 28 Jan 2020 17:49

Tgt Ion: 64 Resp: 182371

Ion Ratio Lower Upper

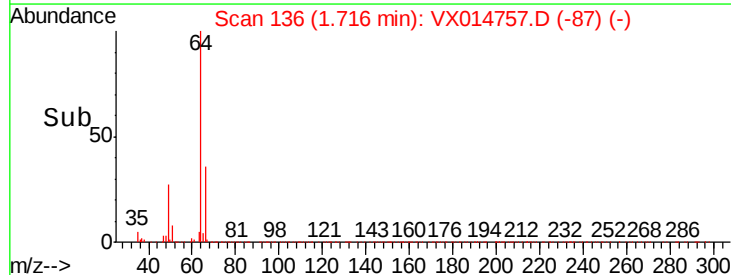
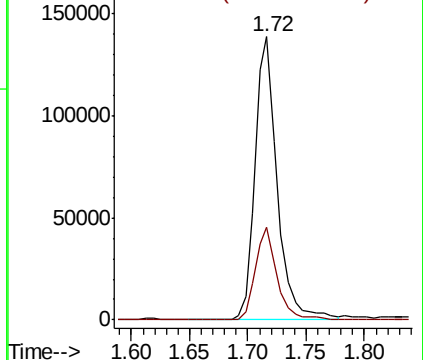
64 100

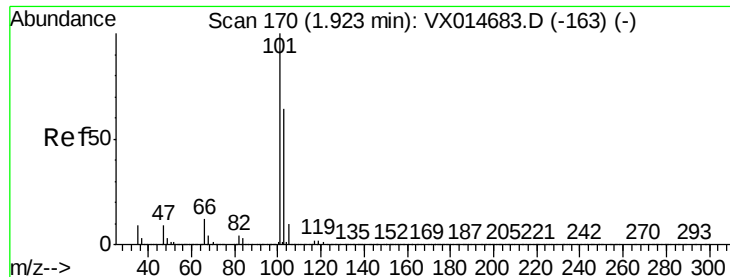
66 32.6 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



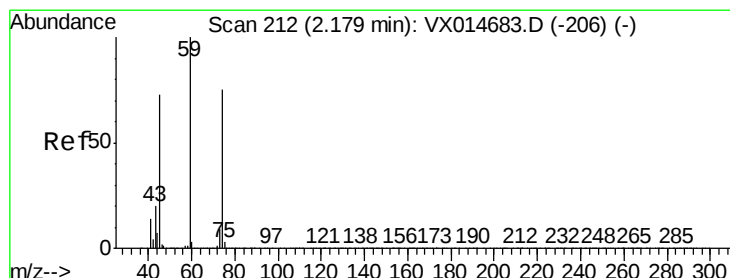
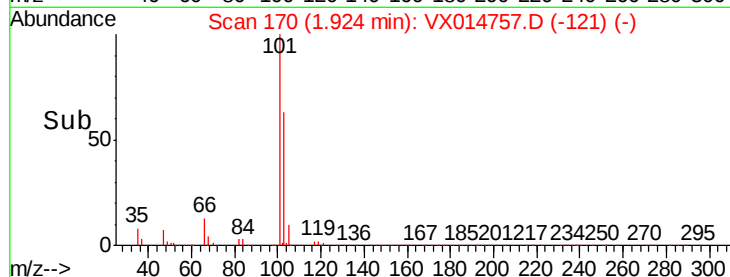
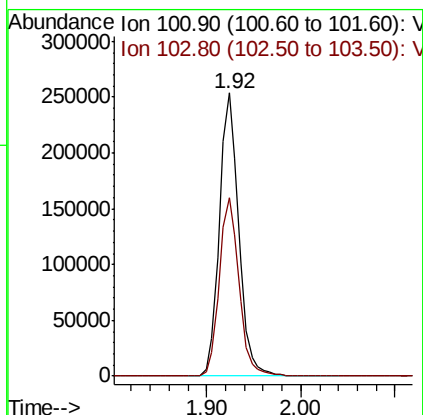
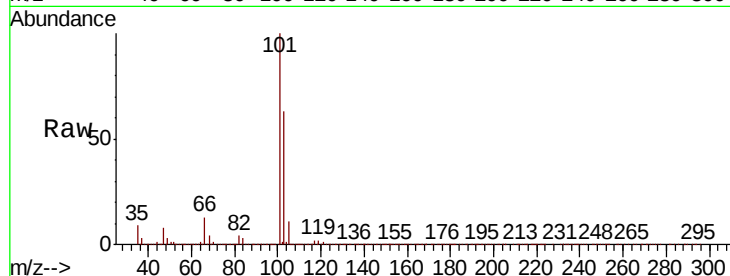


#7

Trichlorofluoromethane
Concen: 48.239 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Instrument :
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ClientSampleId :

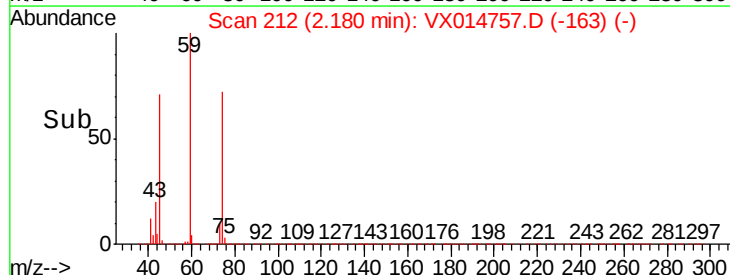
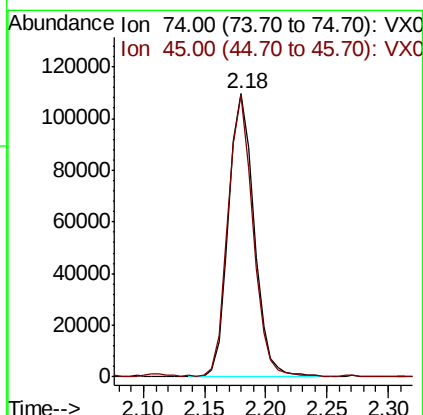
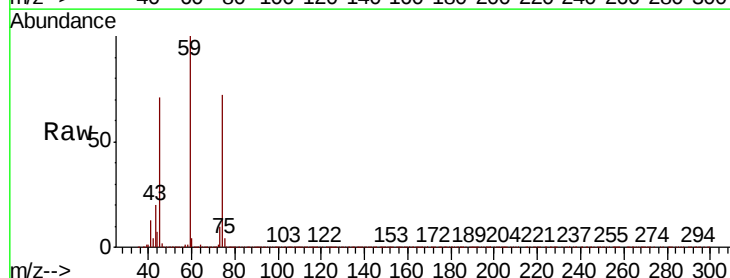
Tot Ion:101 Resp: 360940
Ion Ratio Lower Upper
101 100
103 63.1 51.0 76.6

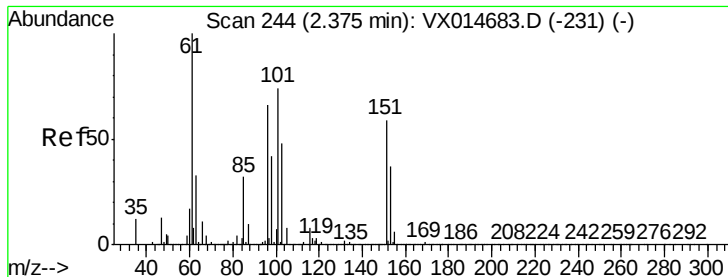


#8

Diethyl Ether
Concen: 48.762 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion: 74 Resp: 159252
Ion Ratio Lower Upper
74 100
45 96.7 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.396 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

ClientSampled :

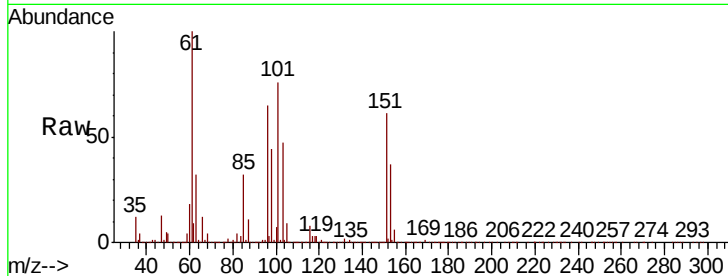
Tot Ion:101 Resp: 212576

Ion Ratio Lower Upper

101 100

85 42.3 34.7 52.1

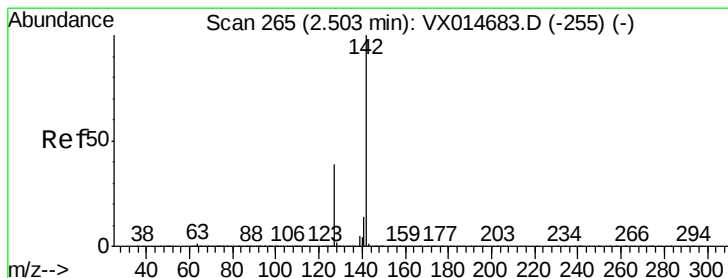
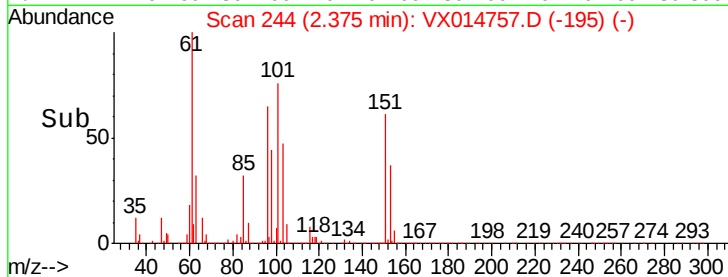
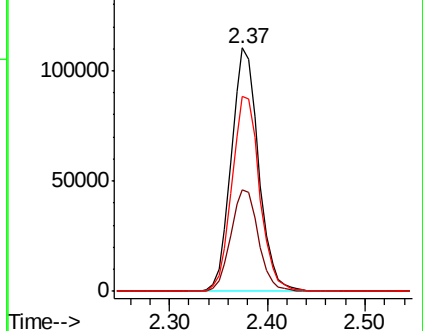
151 81.7 64.7 97.1



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: 45.772 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

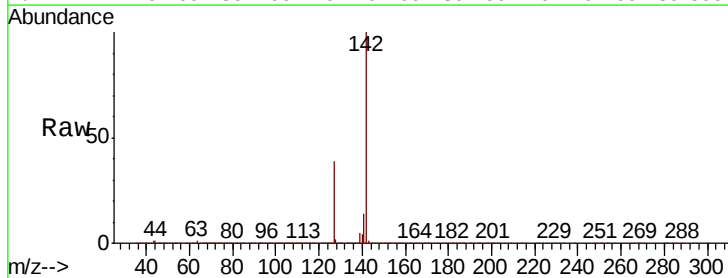
Tgt Ion:142 Resp: 263813

Ion Ratio Lower Upper

142 100

127 39.3 31.1 46.7

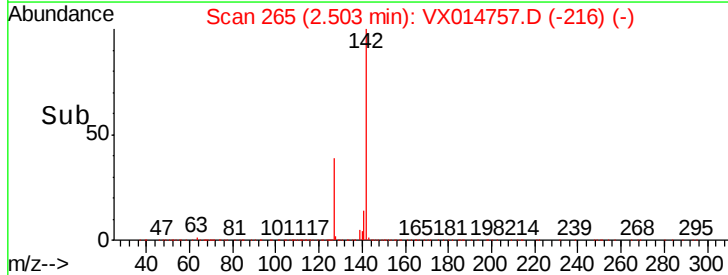
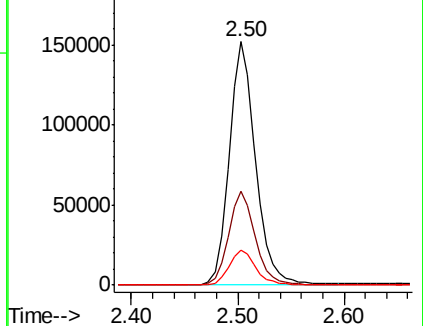
141 14.7 11.3 16.9

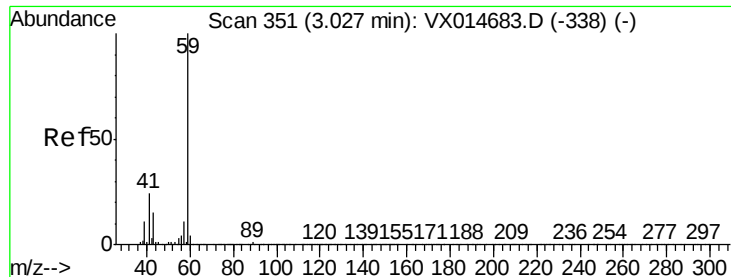


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



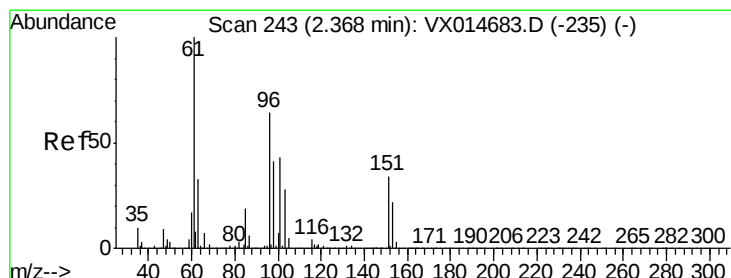
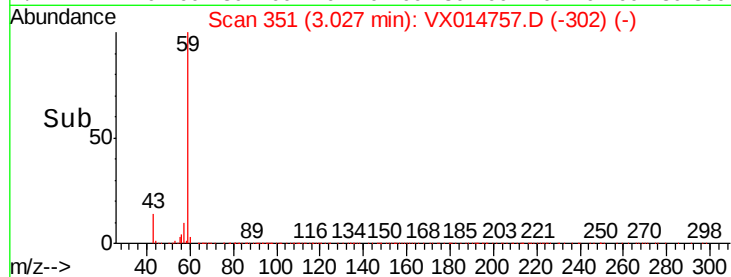
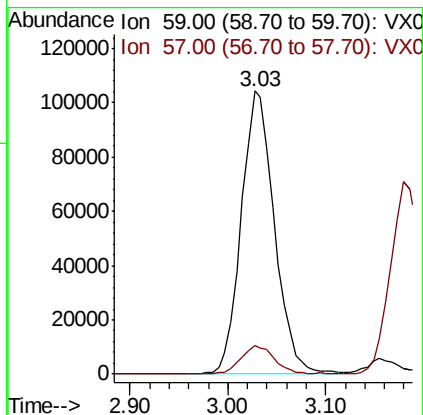
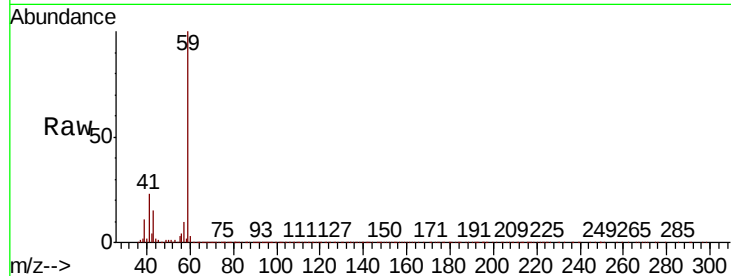


#11

Tert butyl alcohol
Concen: 211.910 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :

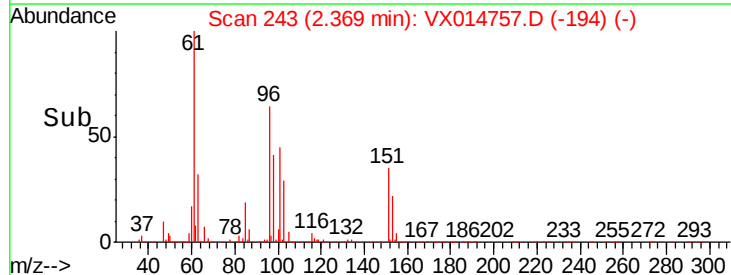
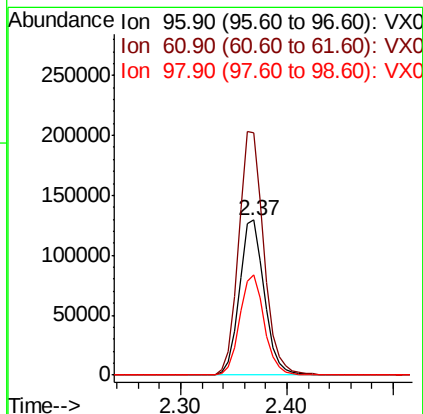
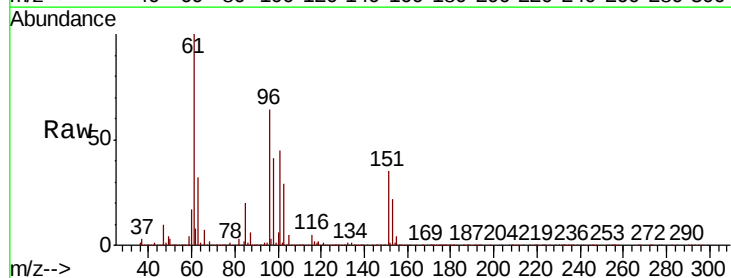
Tot Ion: 59 Resp: 244075
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5

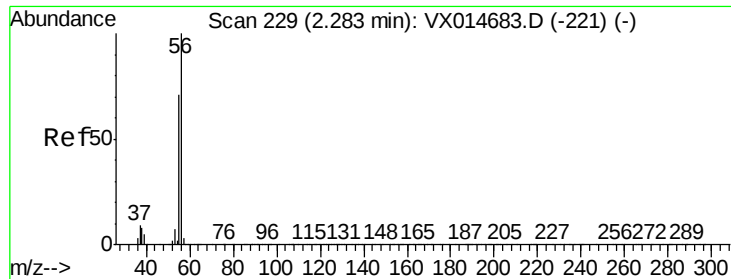


#12

1,1-Dichloroethene
Concen: 48.723 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion: 96 Resp: 212785
Ion Ratio Lower Upper
96 100
61 156.4 125.8 188.8
98 64.3 51.5 77.3

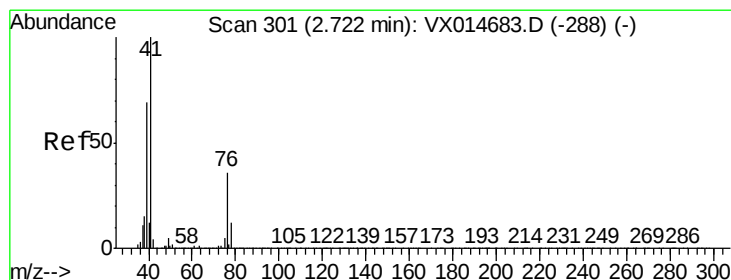
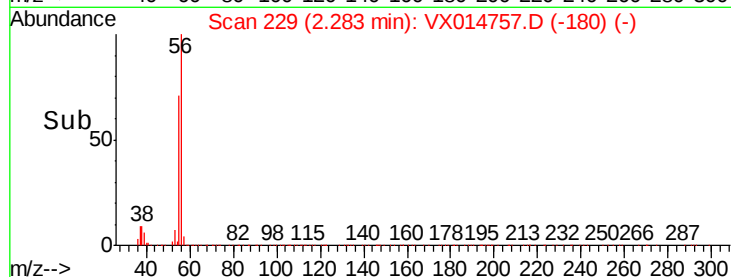
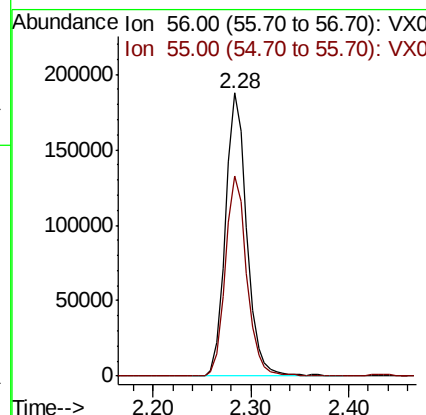
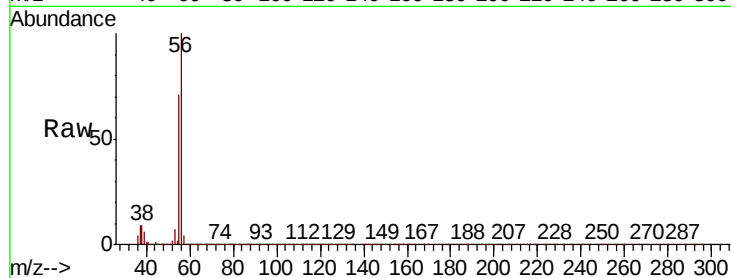




#13
Acrolein
Concen: 310.660 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

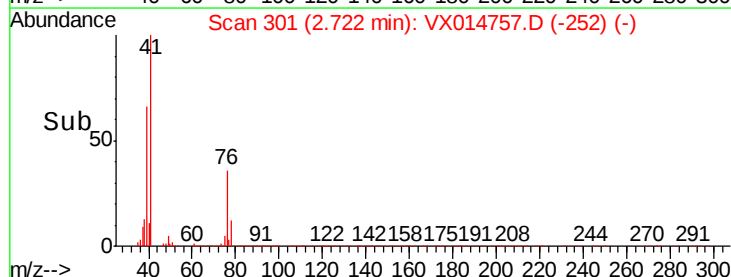
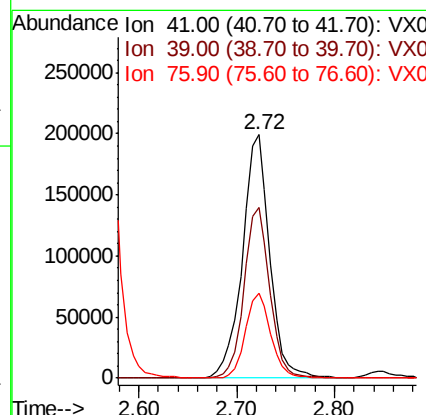
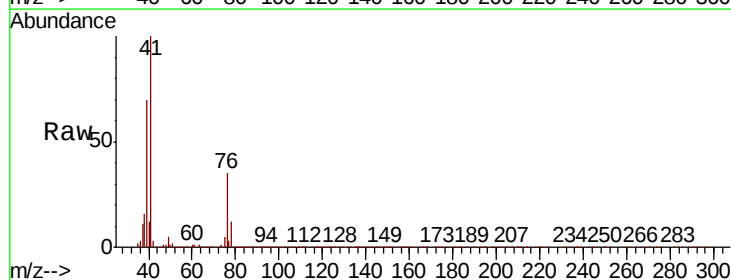
Instrument :
MSVOA_X
ClientSampleId :

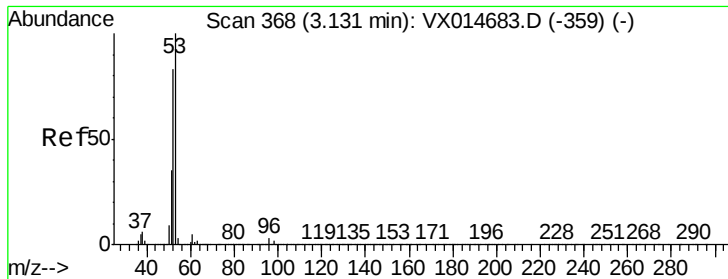
Tot Ion: 56 Resp: 282127
Ion Ratio Lower Upper
56 100
55 71.0 56.6 84.8



#14
Allyl chloride
Concen: 48.940 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion: 41 Resp: 384166
Ion Ratio Lower Upper
41 100
39 65.9 52.0 78.0
76 32.4 26.0 39.0





#15

Acrylonitrile

Concen: 243.451 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

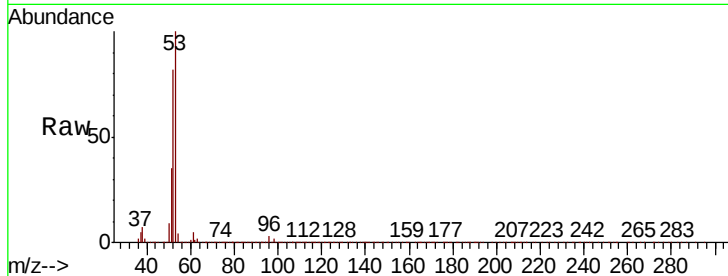
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 648786

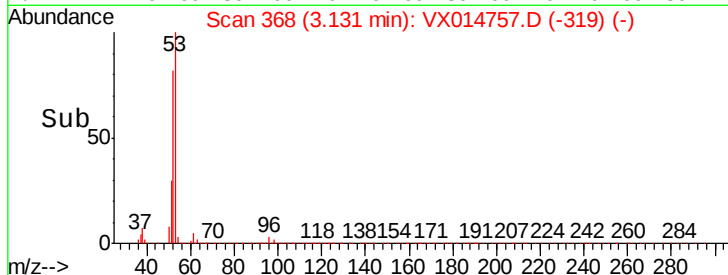
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.4	99.6
51	36.0	28.7	43.1



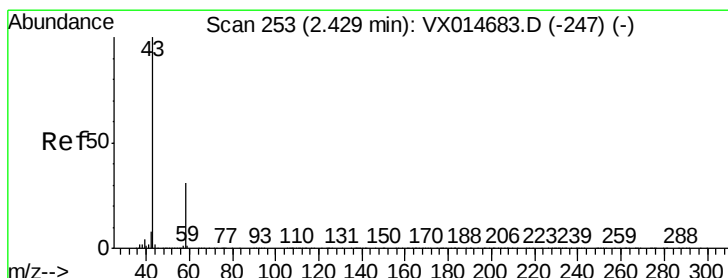
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 205.124 ug/l

RT: 2.43 min Scan# 253

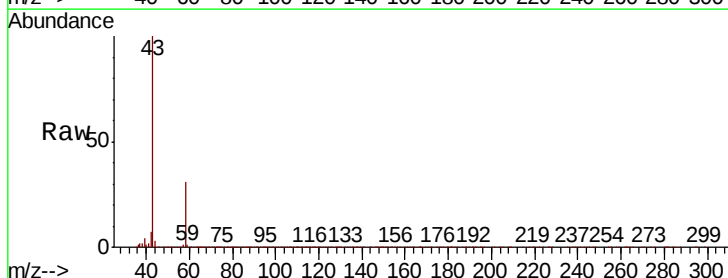
Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

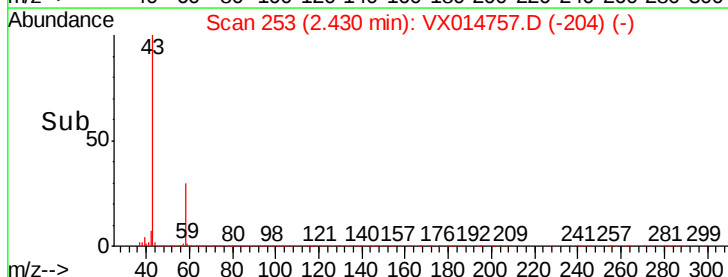
Tgt Ion: 43 Resp: 576668

Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.5	36.7

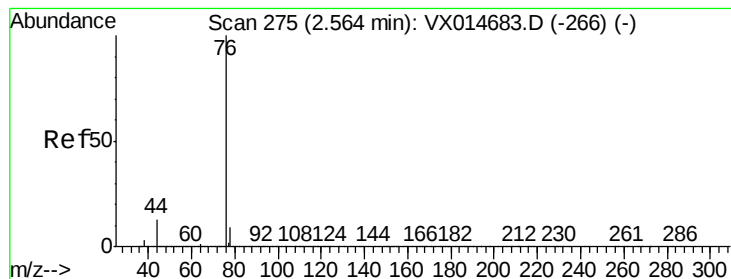


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#17

Carbon Disulfide

Concen: 45.518 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

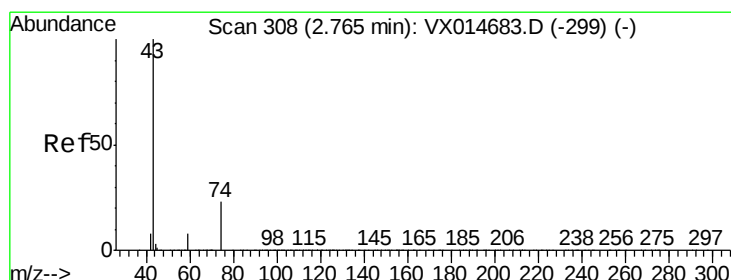
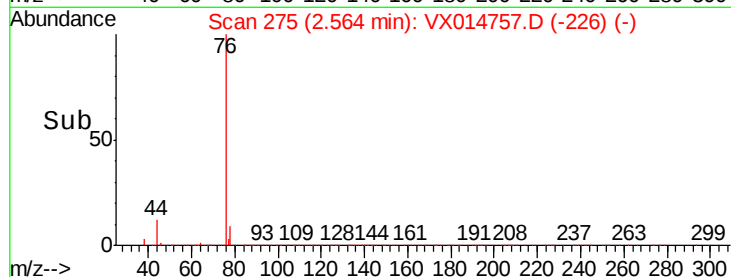
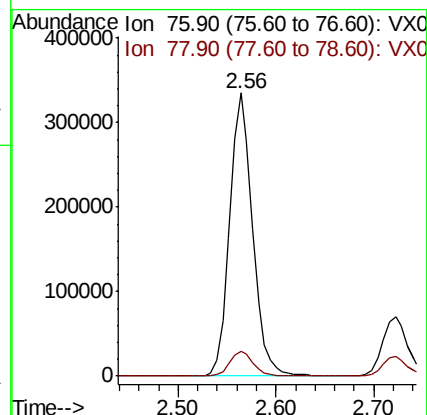
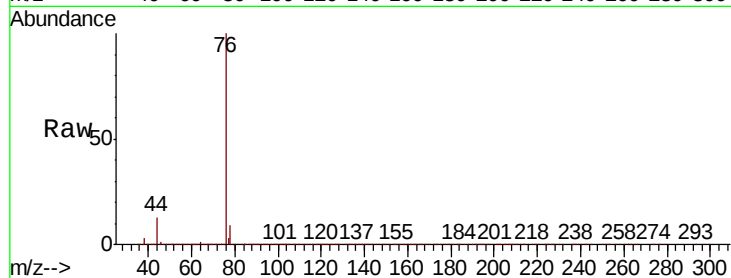
ClientSampleId :

Tot Ion: 76 Resp: 543306

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8



#18

Methyl Acetate

Concen: 49.144 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014757.D

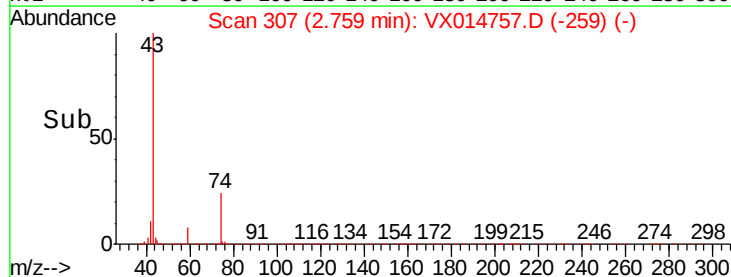
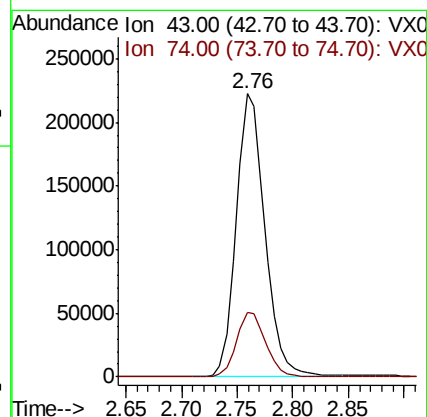
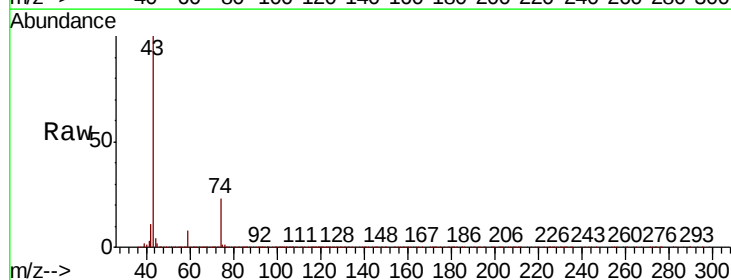
Acq: 28 Jan 2020 17:49

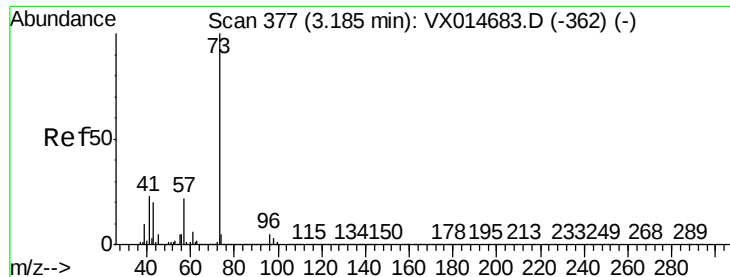
Tgt Ion: 43 Resp: 394420

Ion Ratio Lower Upper

43 100

74 23.5 18.5 27.7

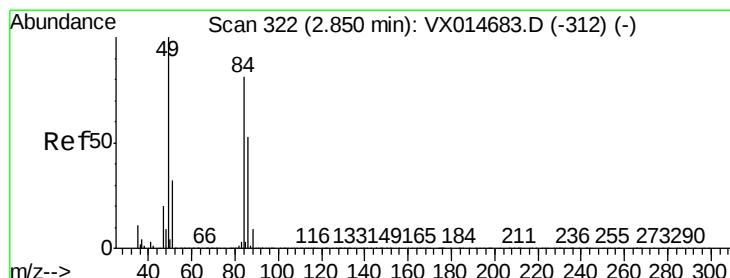
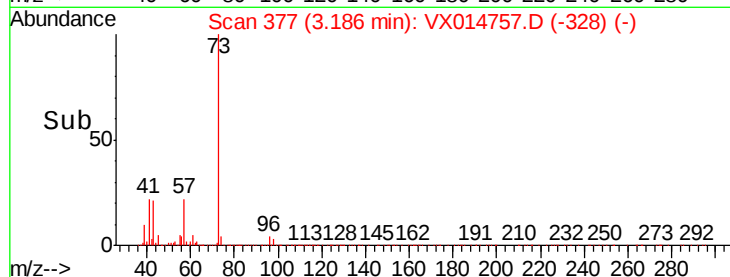
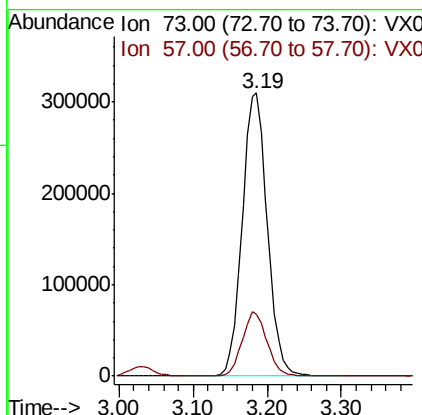
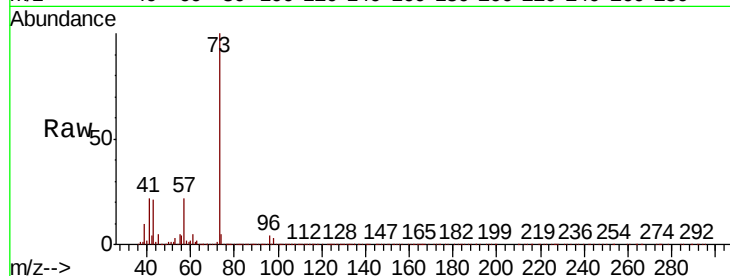




#19
Methvl tert-butvl Ether
Concen: 50.967 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

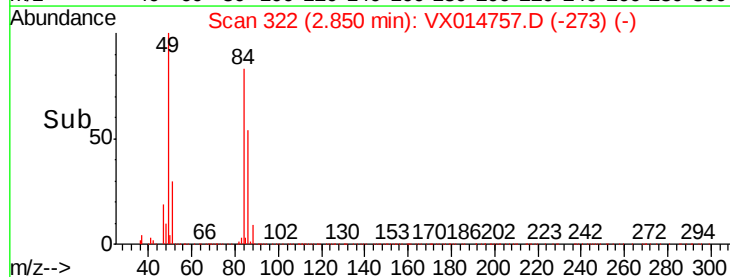
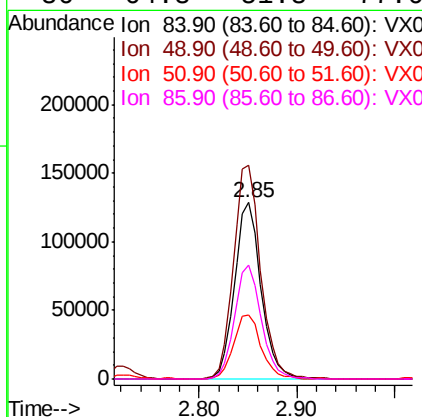
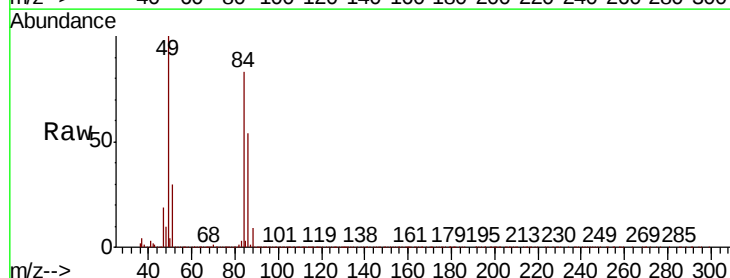
Instrument :
MSVOA_X
ClientSampleId :

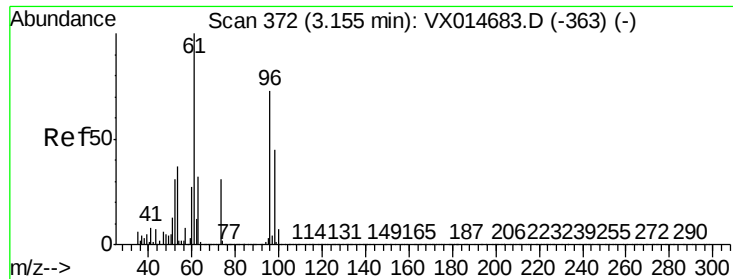
Tot Ion: 73 Resp: 729047
Ion Ratio Lower Upper
73 100
57 21.9 18.0 27.0



#20
Methylene Chloride
Concen: 46.465 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion: 84 Resp: 241748
Ion Ratio Lower Upper
84 100
49 121.1 98.2 147.4
51 35.9 31.3 46.9
86 64.8 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 47.282 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

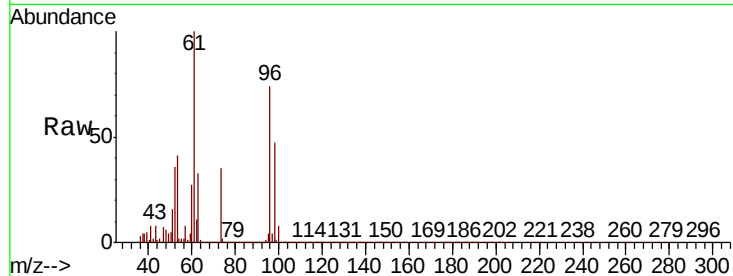
Tot Ion: 96 Resp: 227359

Ion Ratio Lower Upper

96 100

61 135.6 109.8 164.6

98 63.8 49.6 74.4

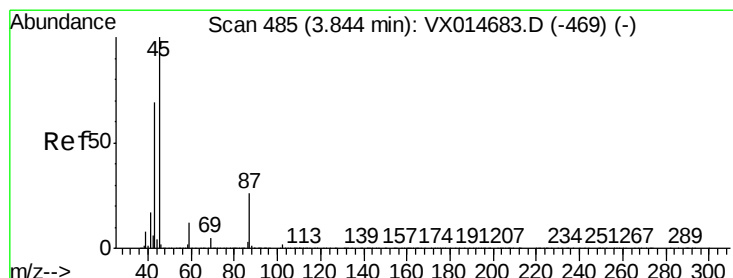
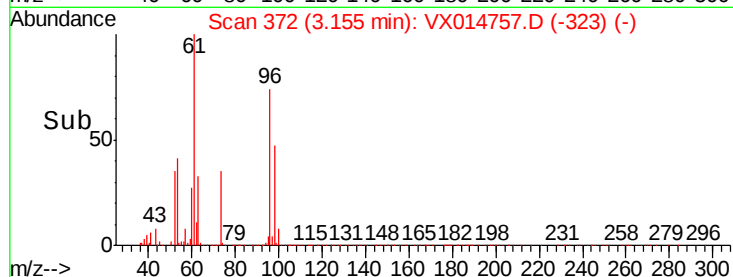
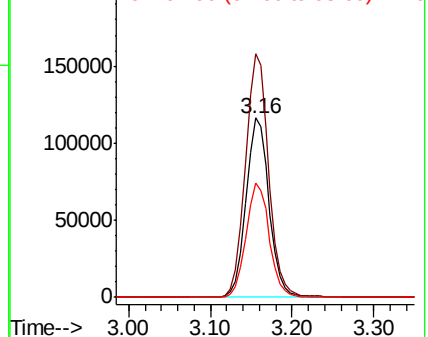


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.301 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Tgt Ion: 45 Resp: 785573

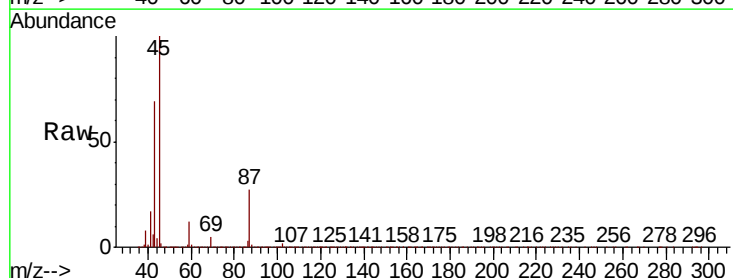
Ion Ratio Lower Upper

45 100

43 68.9 55.1 82.7

87 26.7 20.7 31.1

59 12.4 9.2 13.8



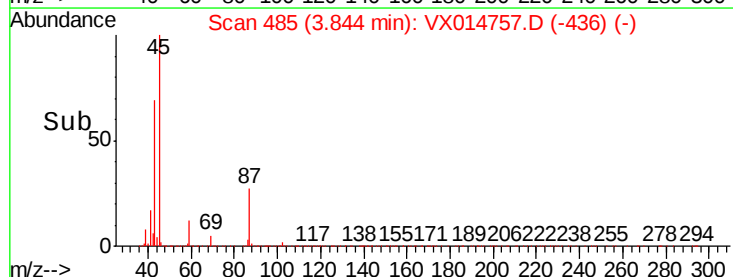
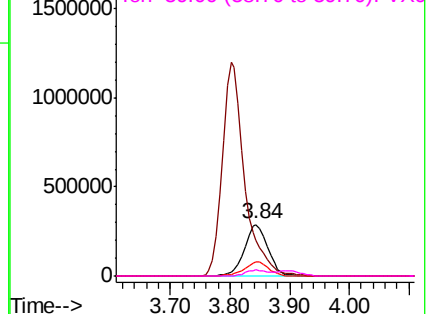
Abundance

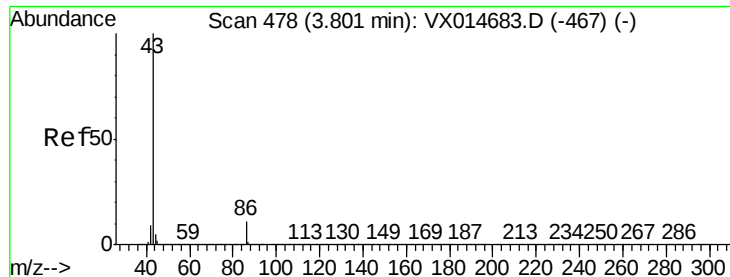
Ion 45.00 (44.70 to 45.70): VX0

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: 262.434 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

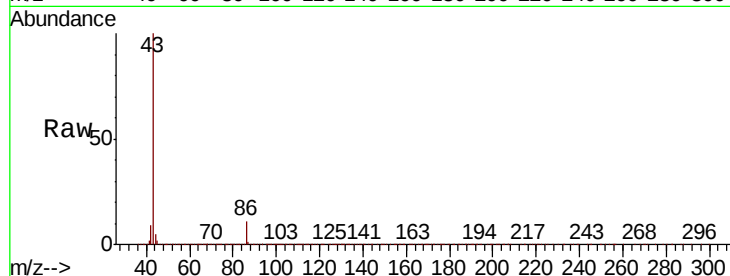
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 3124309

Ion Ratio Lower Upper

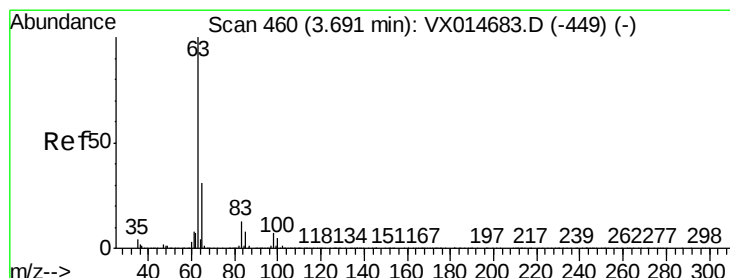
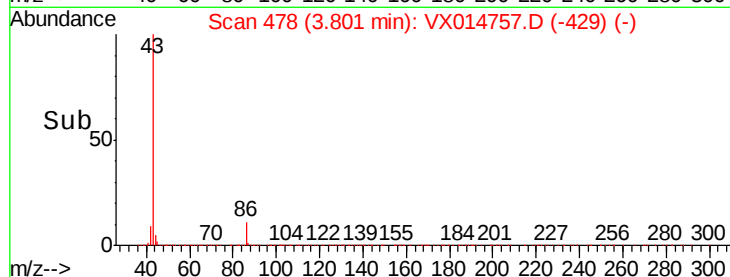
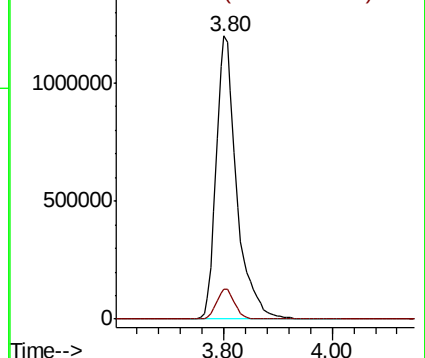
43 100

86 10.7 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.286 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

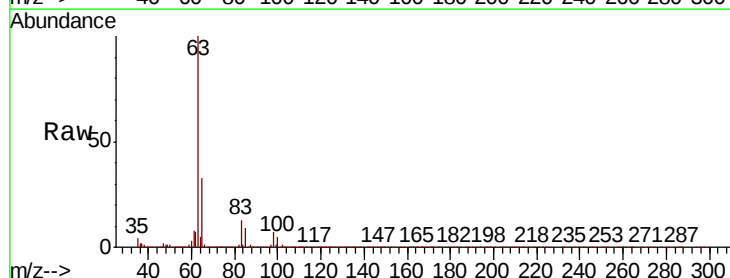
Tgt Ion: 63 Resp: 418022

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

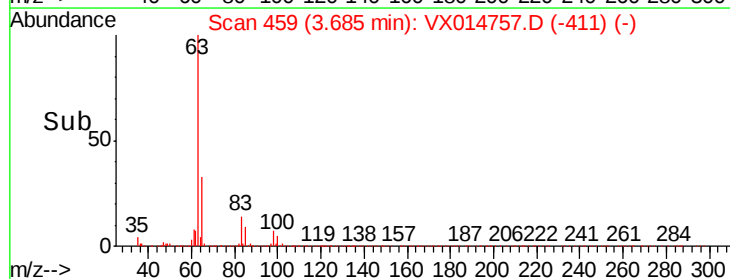
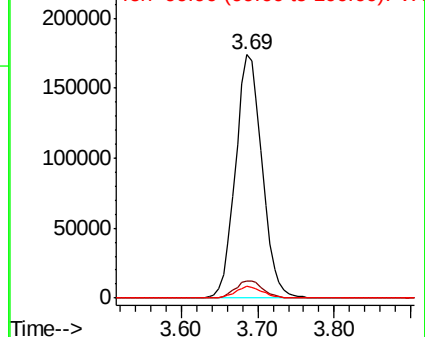
100 4.8 2.2 6.6

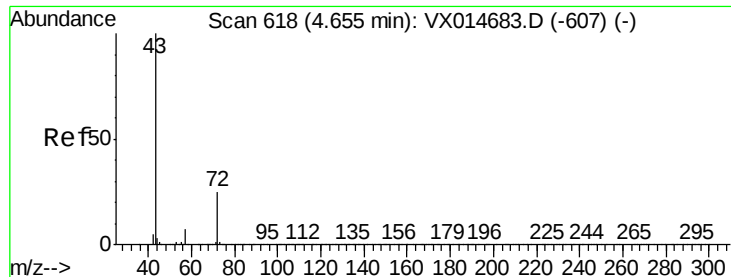


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 225.421 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

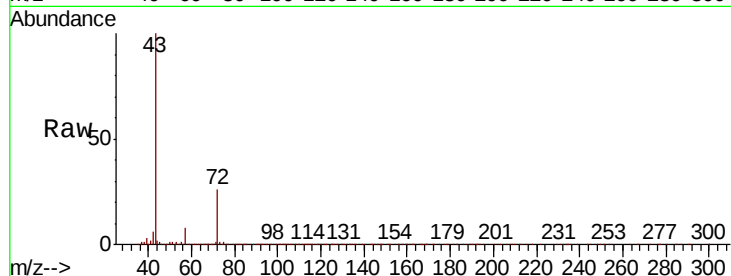
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 908098

Ion Ratio Lower Upper

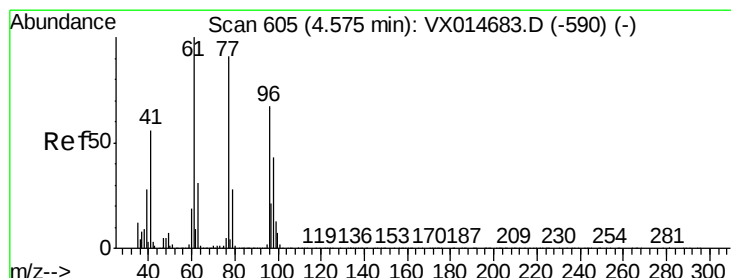
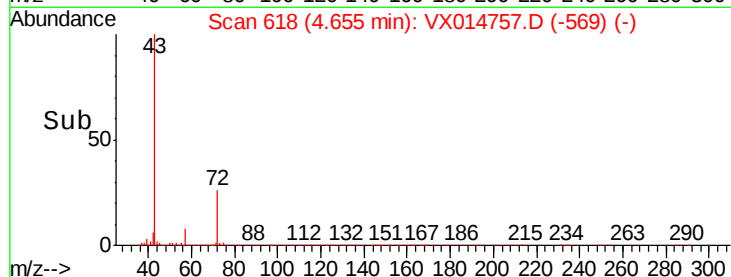
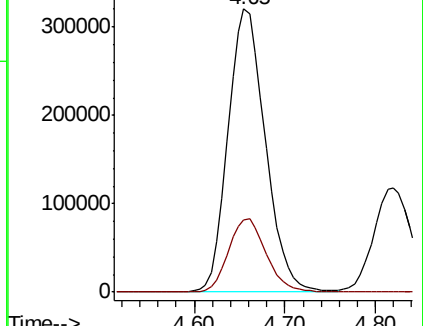
43 100

72 25.7 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 49.734 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014757.D

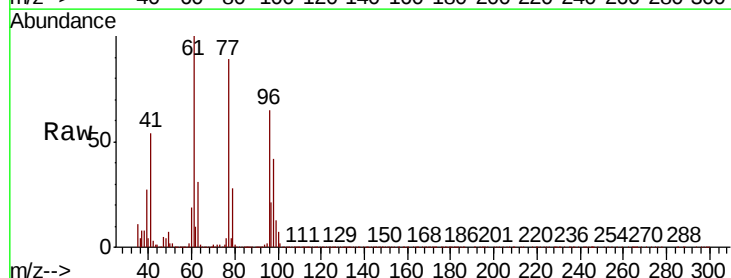
Acq: 28 Jan 2020 17:49

Tgt Ion: 77 Resp: 337630

Ion Ratio Lower Upper

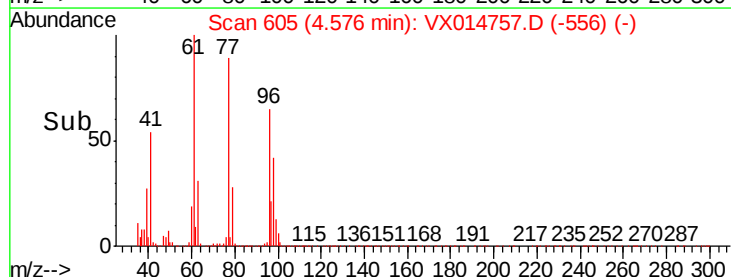
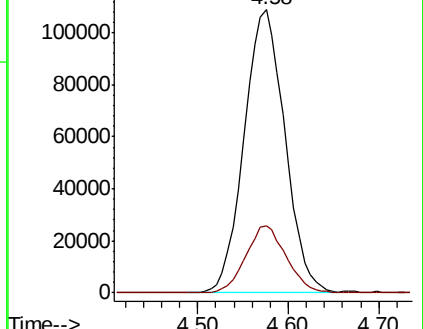
77 100

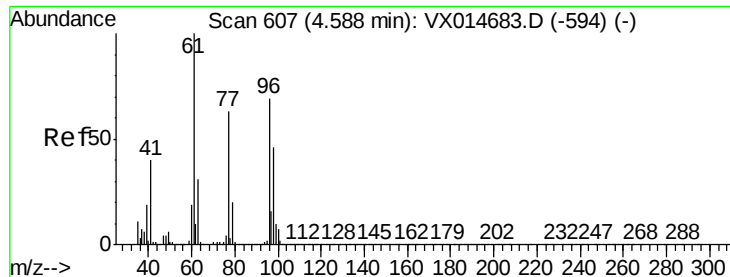
97 23.3 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



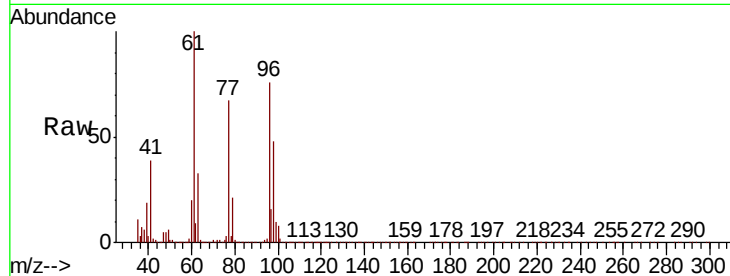


#27

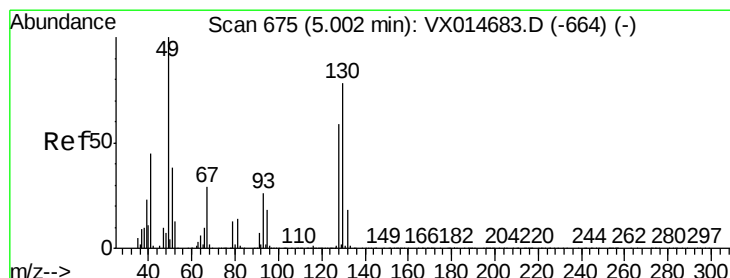
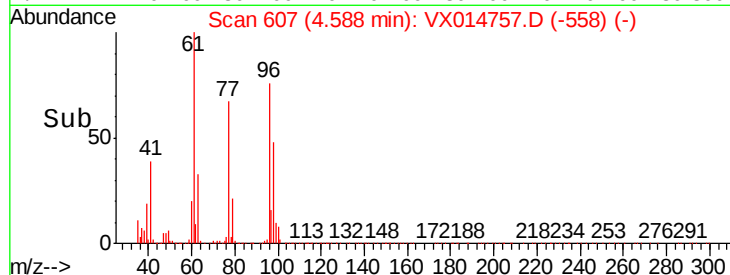
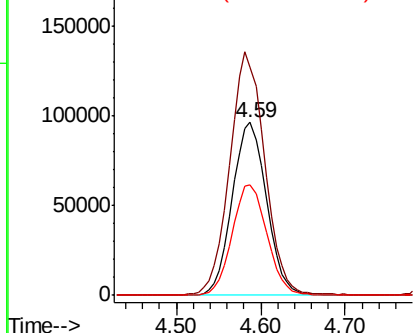
cis-1,2-Dichloroethene
Concen: 49.279 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.3	0.0	291.0
98	65.5	0.0	129.8



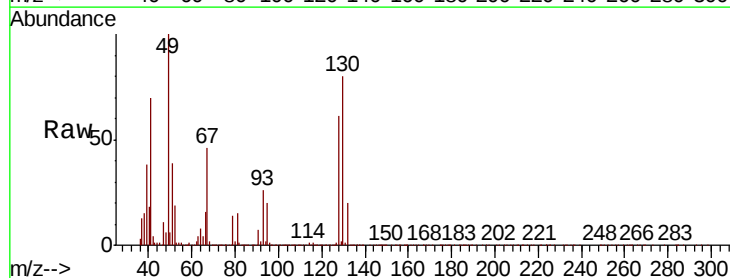
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



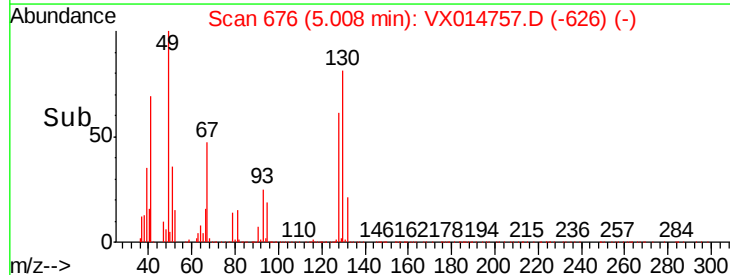
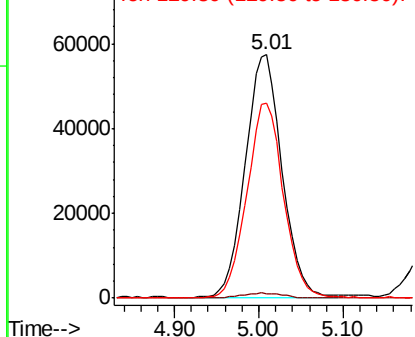
#28

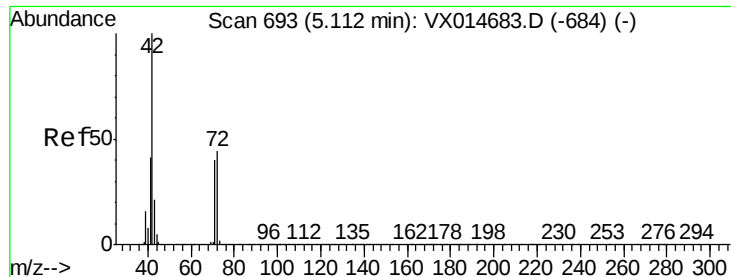
Bromochloromethane
Concen: 46.047 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	80.0	62.4	93.6



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

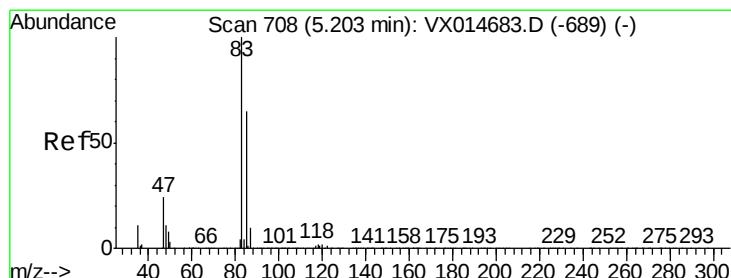
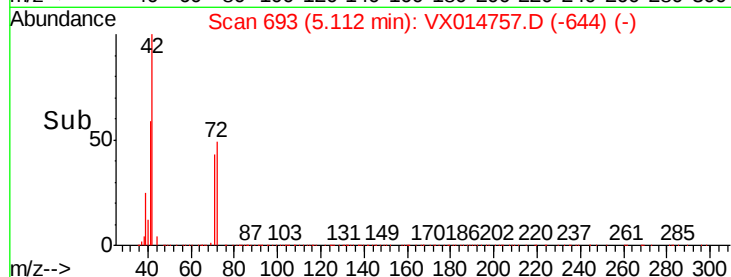
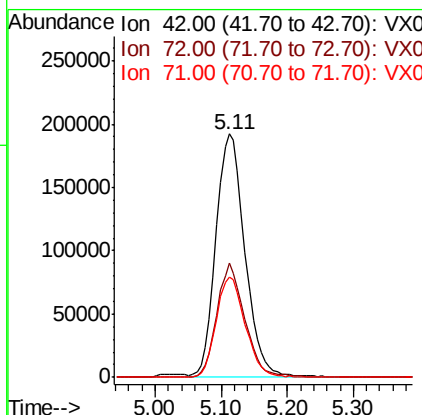
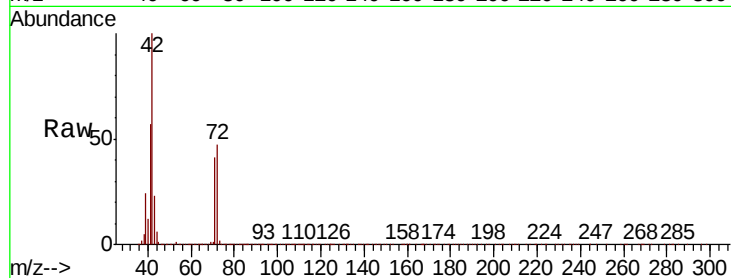




#29
Tetrahydrofuran
Concen: 243.222 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

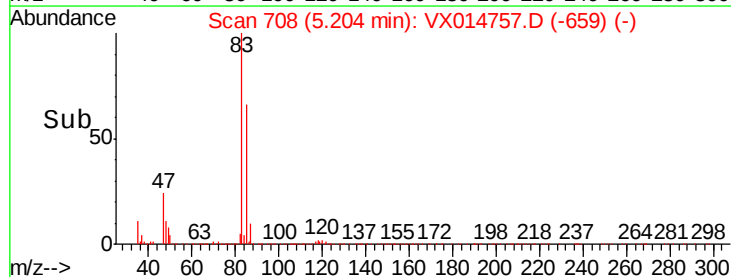
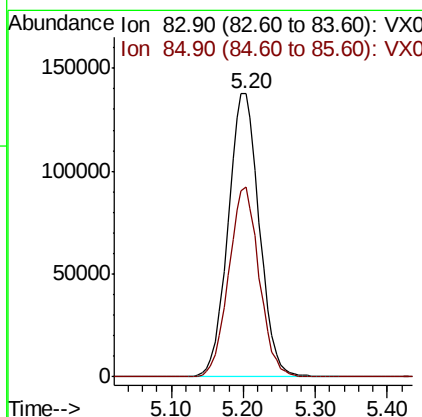
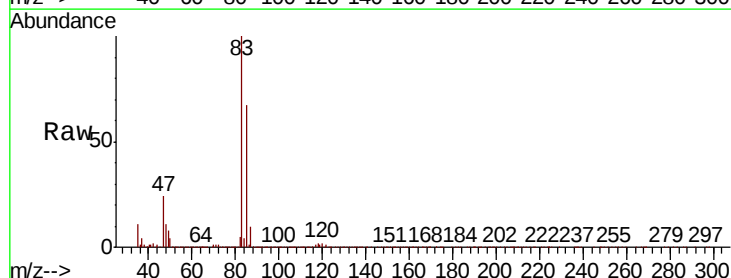
Instrument :
MSVOA_X
ClientSampleId :

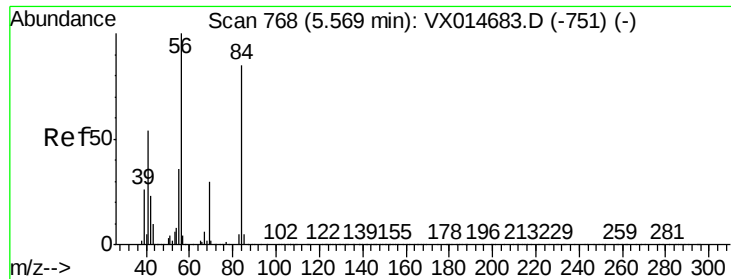
Tot Ion: 42 Resp: 581535
Ion Ratio Lower Upper
42 100
72 45.2 35.3 52.9
71 41.3 33.1 49.7



#30
Chloroform
Concen: 49.276 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion: 83 Resp: 414011
Ion Ratio Lower Upper
83 100
85 66.8 51.7 77.5

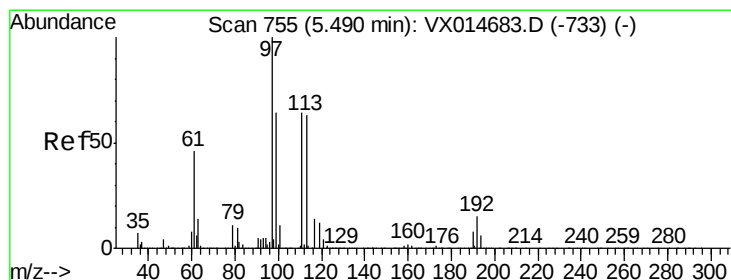
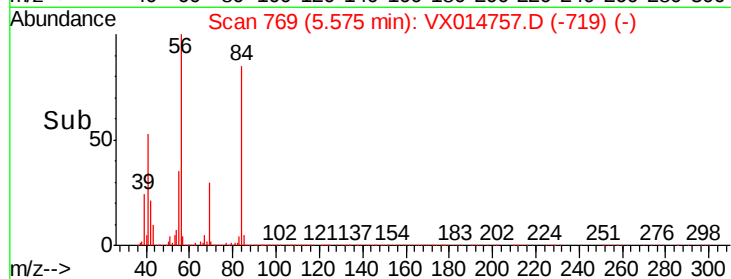
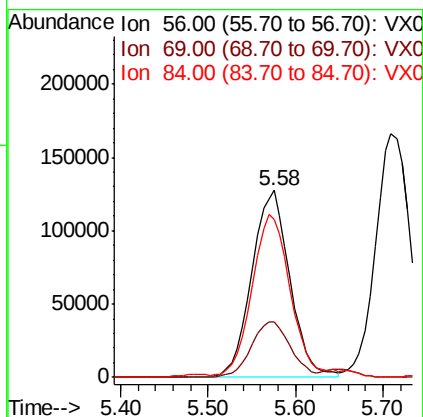
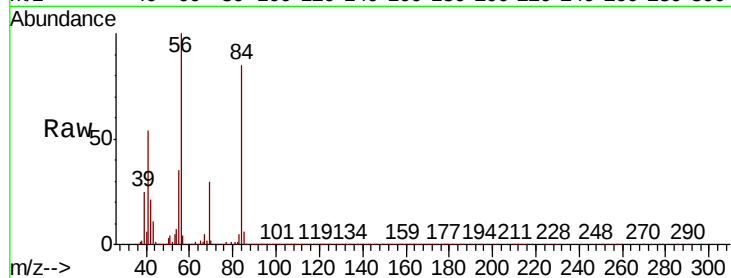




#31
Cyclohexane
Concen: 48.529 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

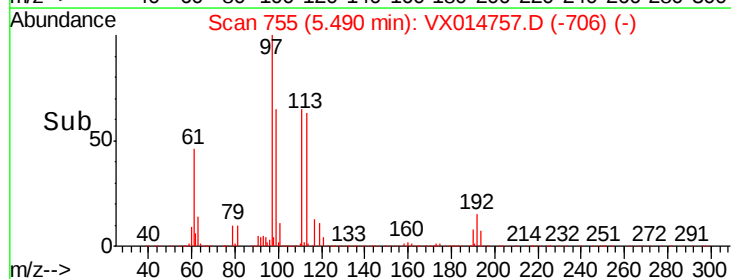
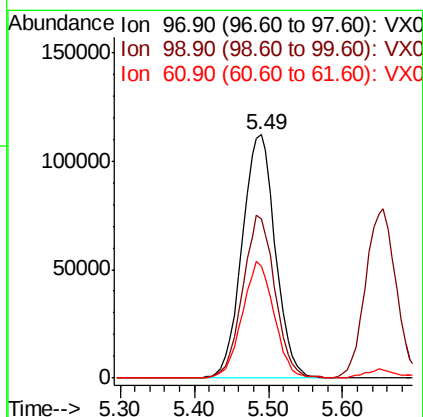
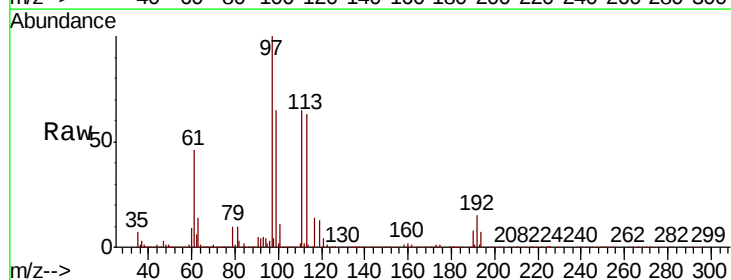
Instrument :
MSVOA_X
ClientSampleId :

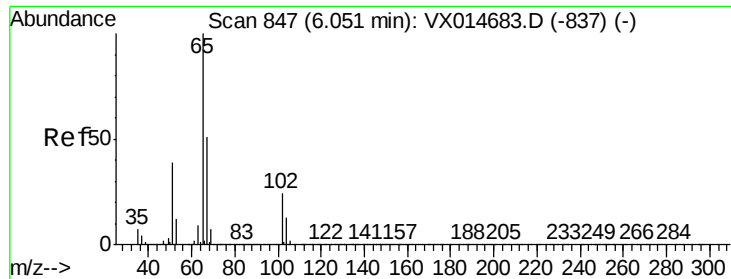
Tot Ion: 56 Resp: 387126
Ion Ratio Lower Upper
56 100
69 29.7 23.4 35.2
84 83.1 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 49.191 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion: 97 Resp: 349346
Ion Ratio Lower Upper
97 100
99 64.9 52.3 78.5
61 46.2 37.2 55.8





#33

1,2-Dichloroethane-d4

Concen: 48.025 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

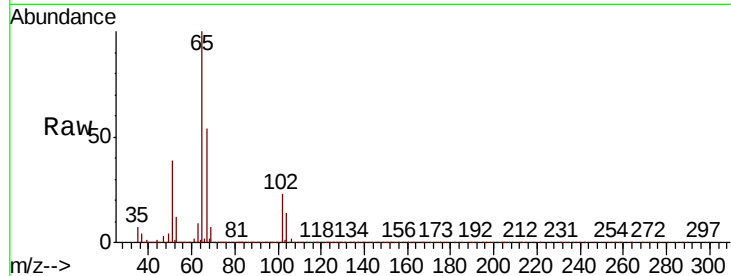
ClientSampled :

Tot Ion: 65 Resp: 246378

Ion Ratio Lower Upper

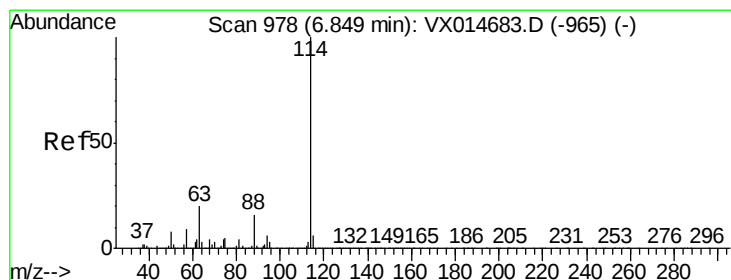
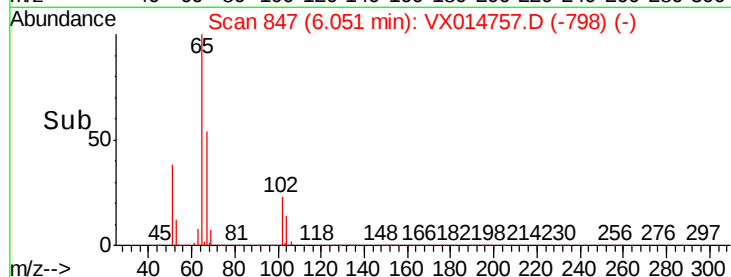
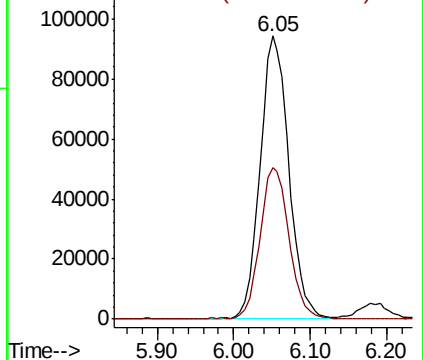
65 100

67 53.7 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

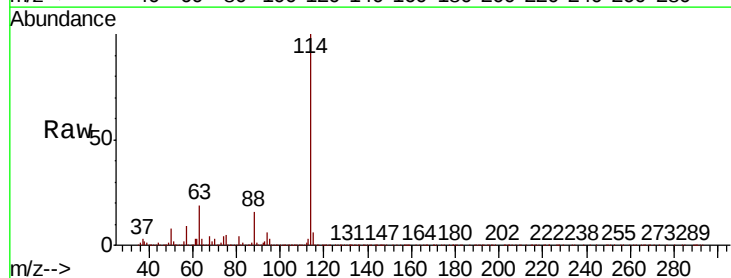
Tgt Ion: 114 Resp: 671847

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.6

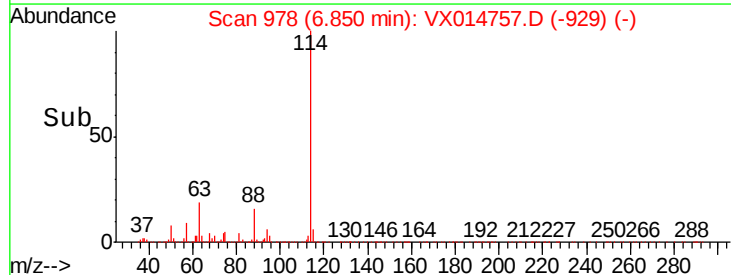
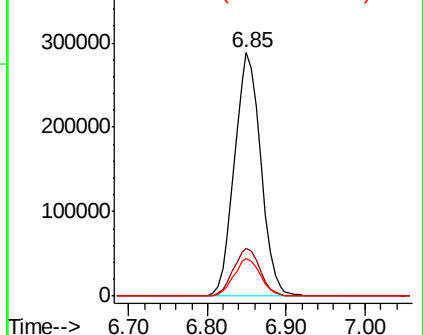
88 15.5 0.0 31.2

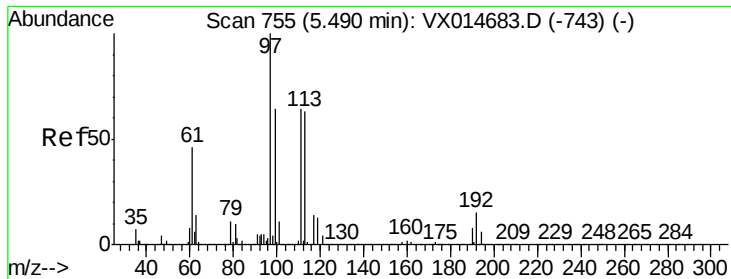


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.389 ug/l

RT: 5.48 min Scan# 754

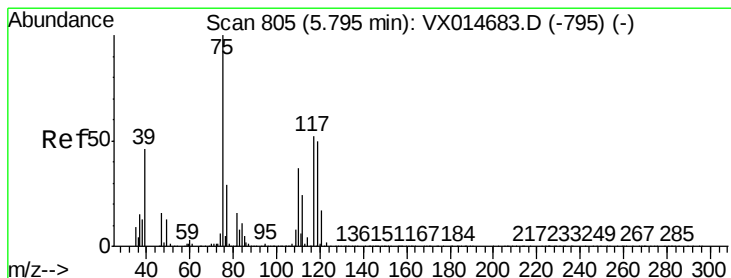
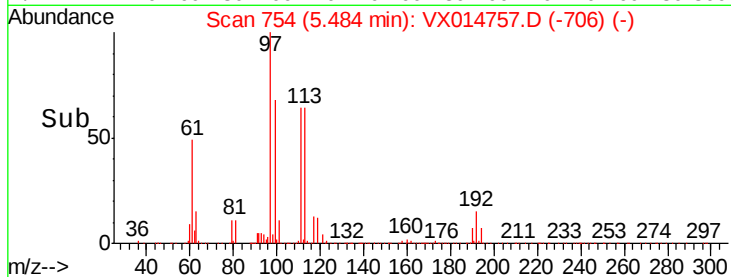
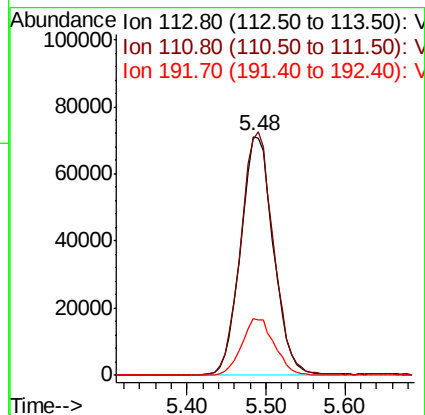
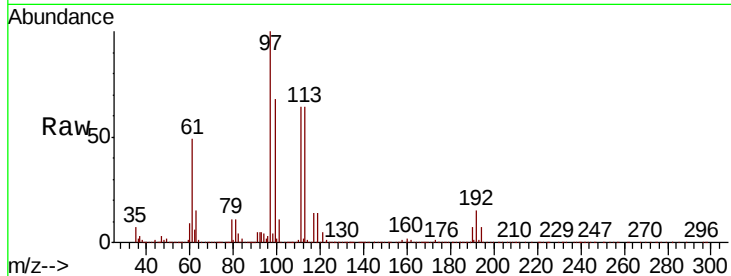
Delta R.T. -0.01 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	205137
Ion	Ratio	Lower	Upper
113	100		
111	102.8	80.7	121.1
192	23.7	18.5	27.7



#36

1,1-Dichloropropene

Concen: 50.172 ug/l

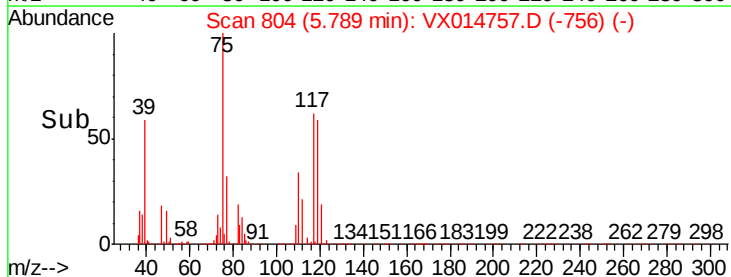
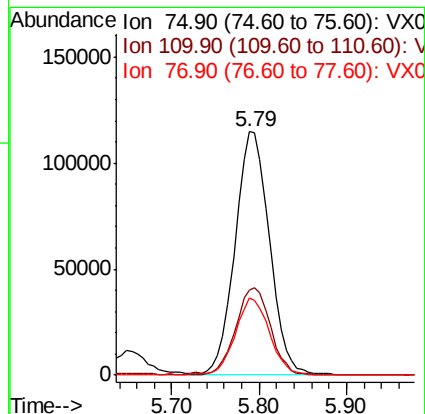
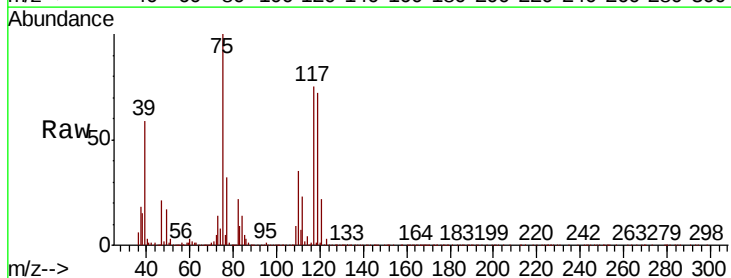
RT: 5.79 min Scan# 804

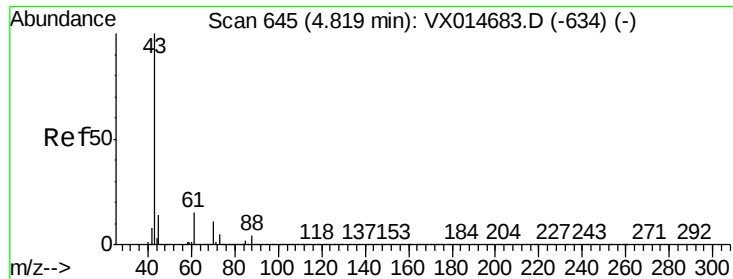
Delta R.T. -0.01 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Tgt Ion:	75	Resp:	313210
Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.9	53.7
77	31.2	24.1	36.1

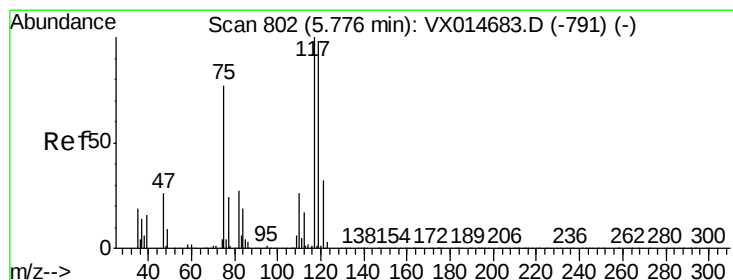
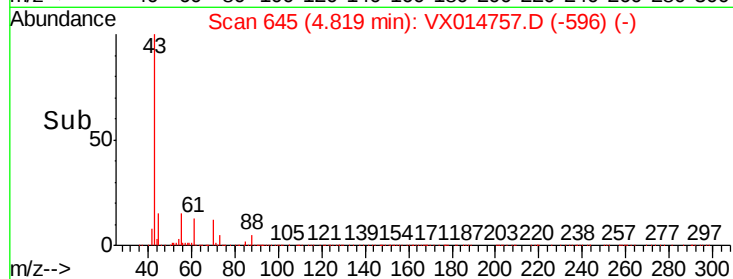
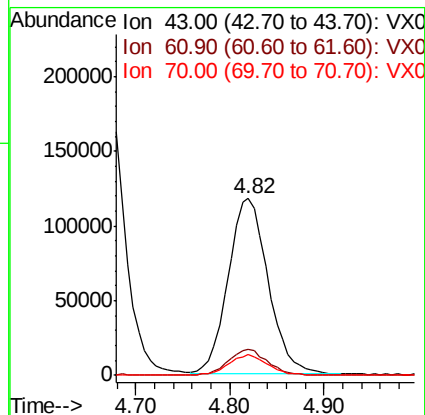
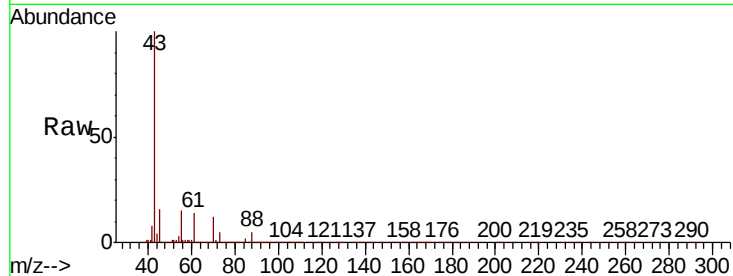




#37
Ethyl Acetate
Concen: 48.424 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

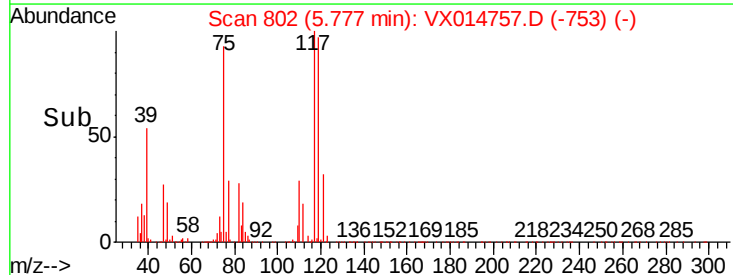
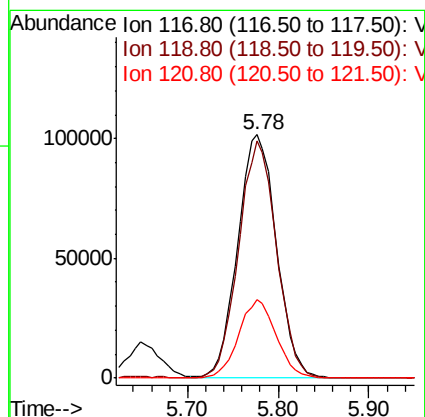
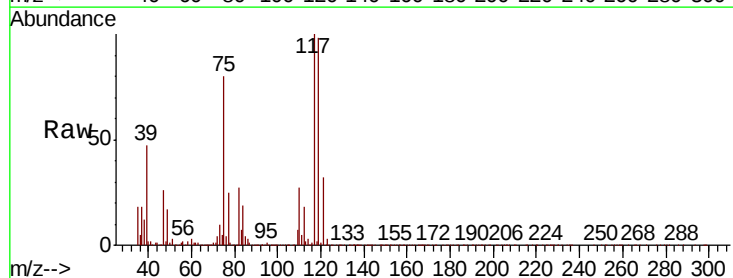
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 346234
Ion Ratio Lower Upper
43 100
61 14.1 11.0 16.4
70 11.2 8.5 12.7



#38
Carbon Tetrachloride
Concen: 50.201 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion: 117 Resp: 299305
Ion Ratio Lower Upper
117 100
119 97.6 77.9 116.9
121 32.4 25.4 38.2

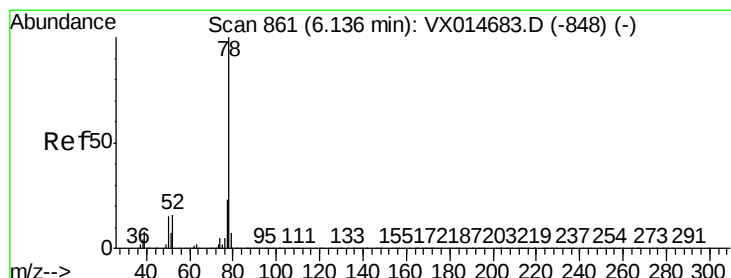
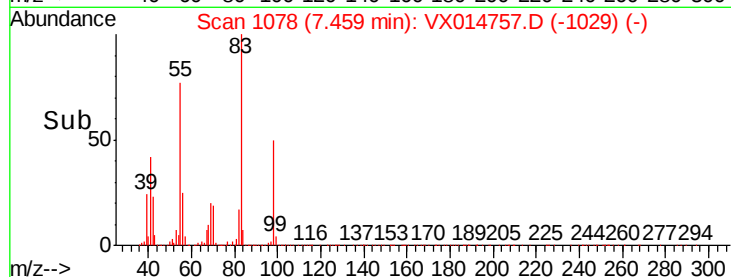
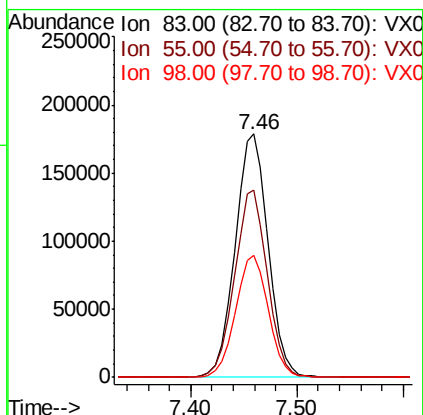
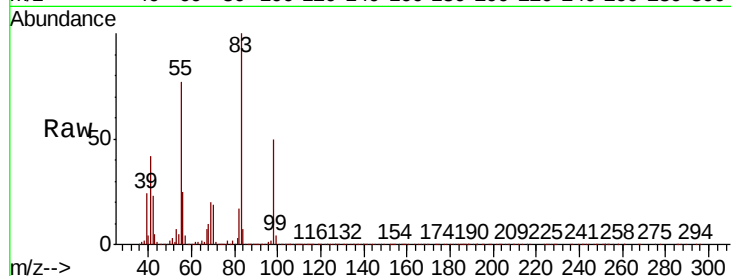




#39
Methvlcvclohexane
Concen: 49.490 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

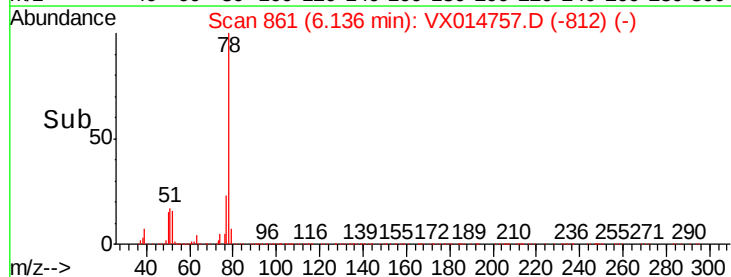
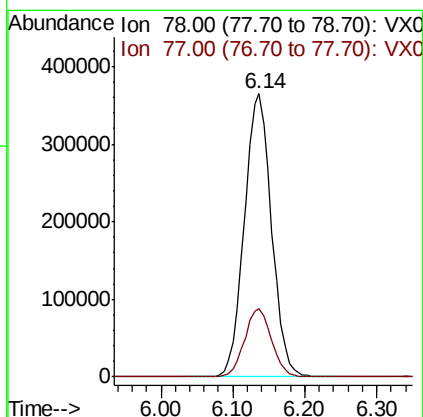
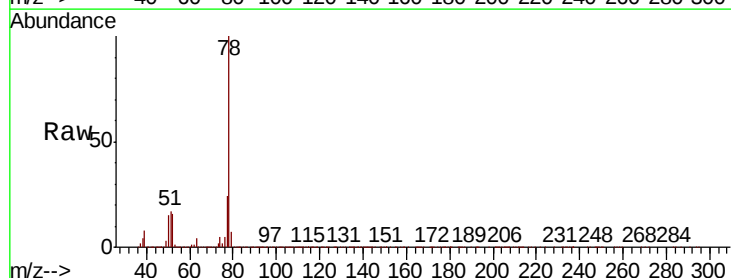
Instrument :
MSVOA_X
ClientSampleId :

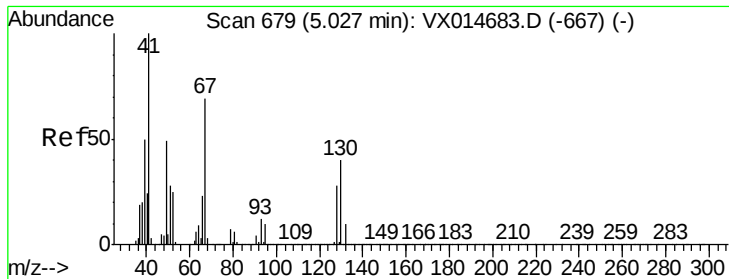
Tot Ion	Ratio	Lower	Upper
83	100		
55	76.8	65.6	98.4
98	50.0	40.2	60.4



#40
Benzene
Concen: 49.502 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.7	28.1

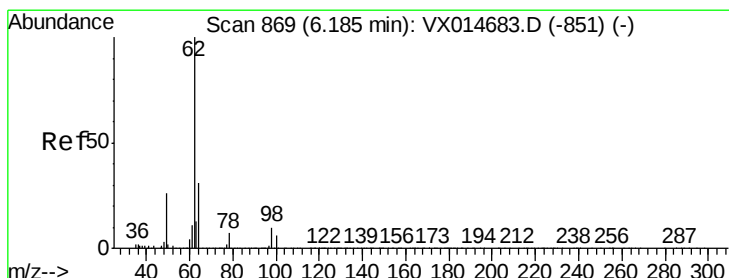
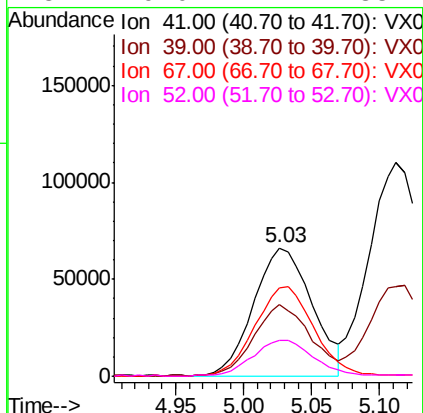
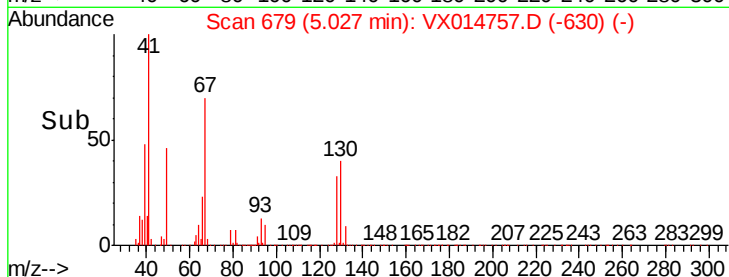
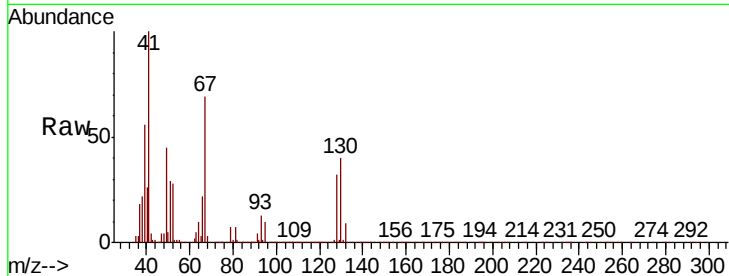




#41
Methacrylonitrile
Concen: 48.290 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

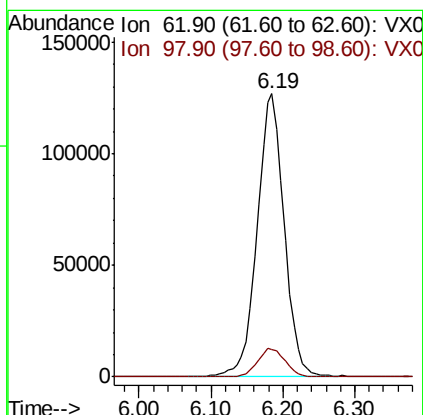
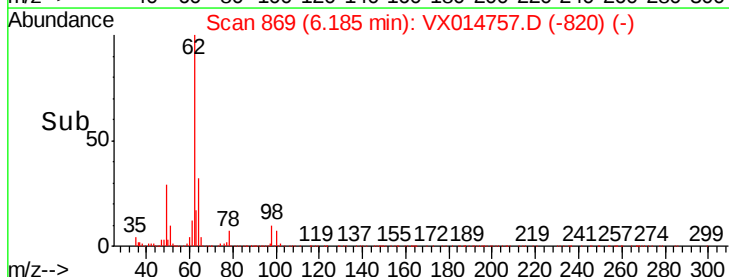
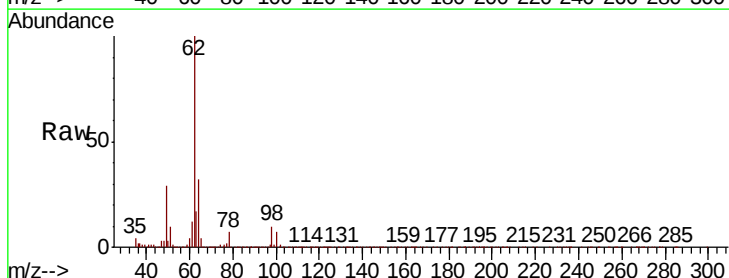
Instrument :
MSVOA_X
ClientSampleId :

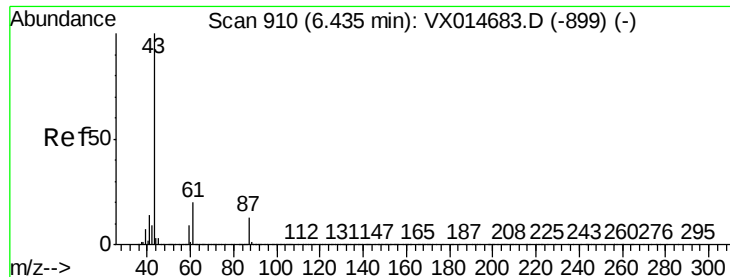
Tot Ion:	41	Resp:	197017
Ion	Ratio	Lower	Upper
41	100		
39	53.9	42.2	63.2
67	70.9	55.4	83.0
52	29.0	22.1	33.1



#42
1,2-Dichloroethane
Concen: 49.677 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion:	62	Resp:	330893
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.0



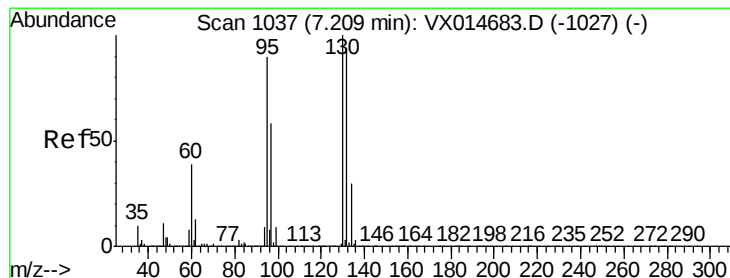
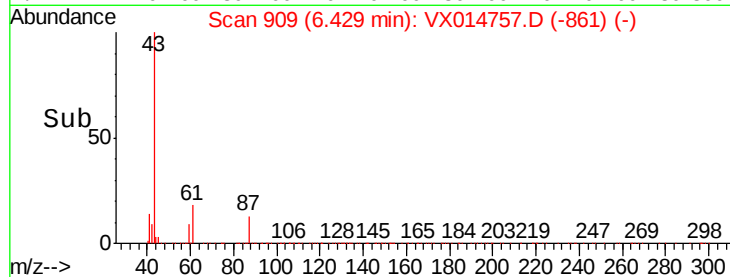
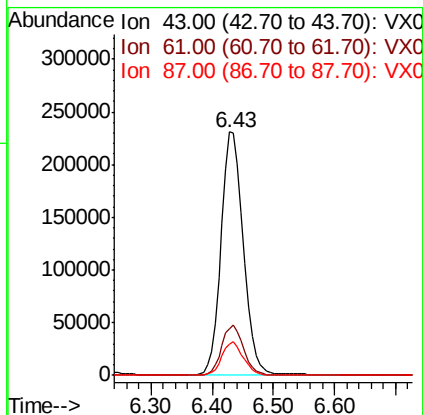
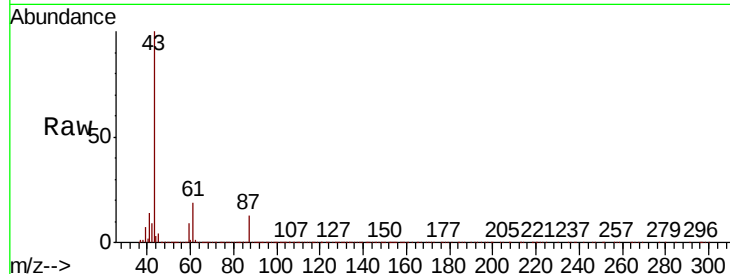


#43

Isopropyl Acetate
 Concen: 49.753 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014757.D
 Acq: 28 Jan 2020 17:49

Instrument :
 MSVOA_X
 ClientSampleId :

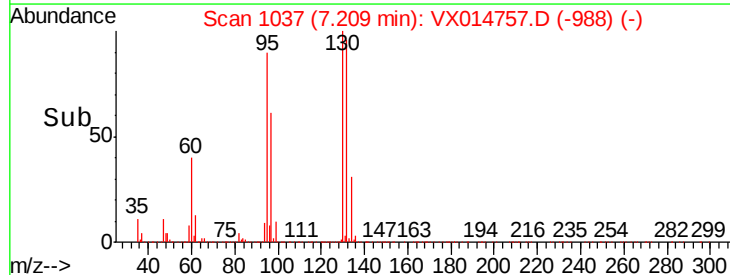
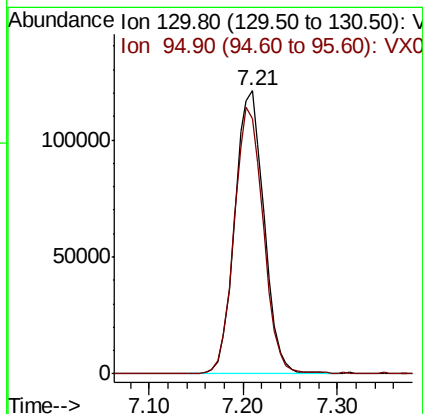
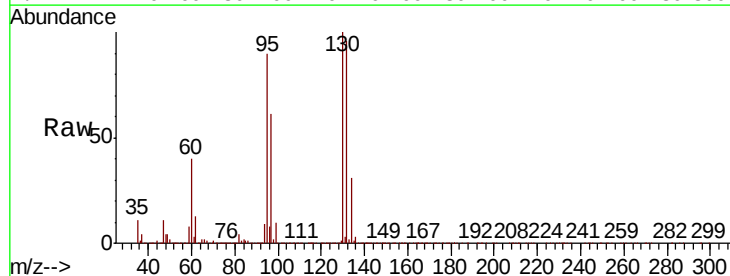
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.2	24.4
87	13.2	10.5	15.7

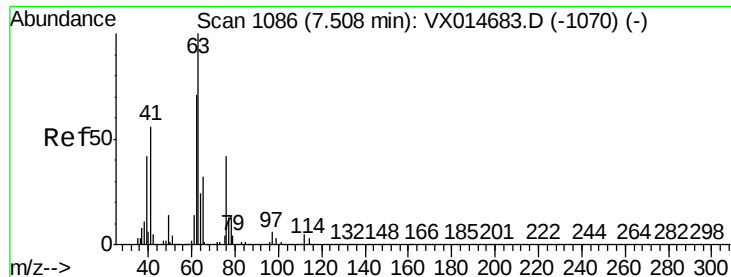


#44

Trichloroethene
 Concen: 47.855 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014757.D
 Acq: 28 Jan 2020 17:49

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.2	0.0	179.8

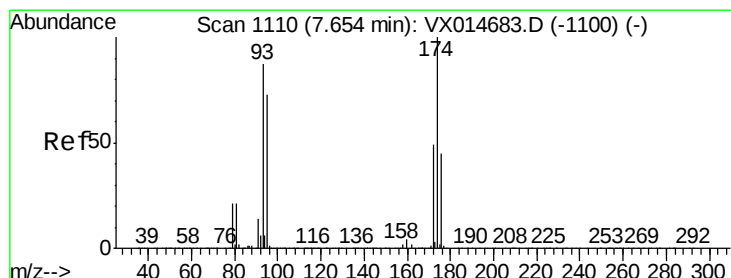
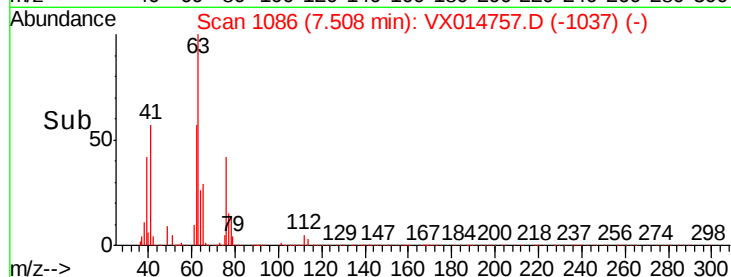
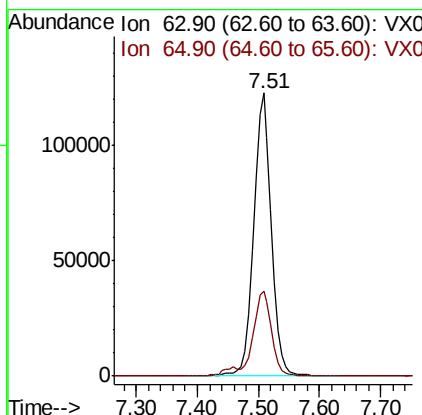
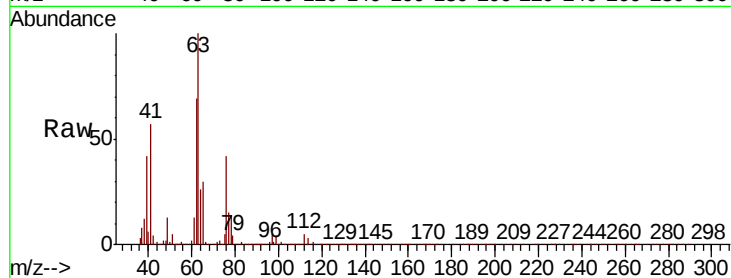




#45
 1,2-Dichloropropane
 Concen: 50.496 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014757.D
 Acq: 28 Jan 2020 17:49

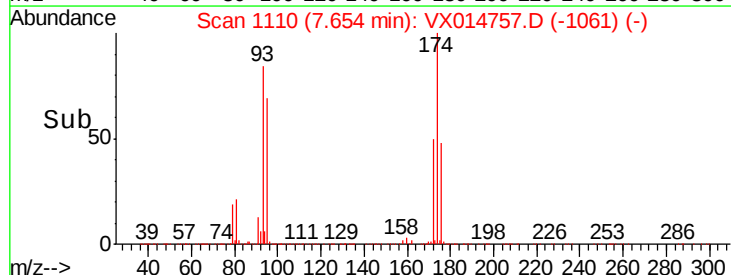
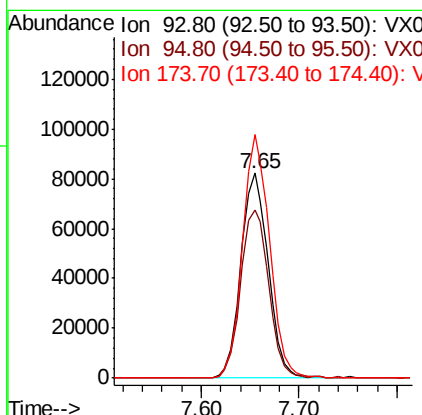
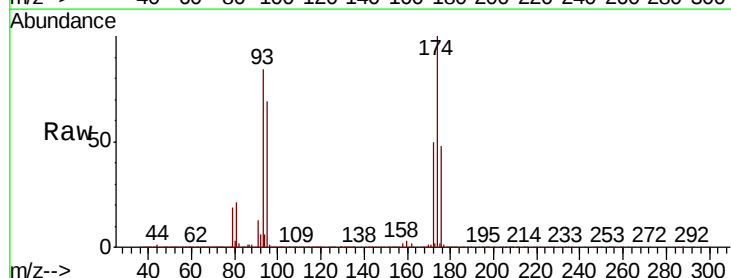
Instrument :
 MSVOA_X
 ClientSampled :

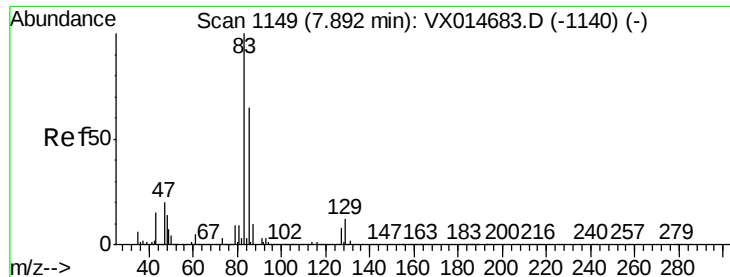
Tot Ion: 63 Resp: 250926
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.2 37.8



#46
 Dibromomethane
 Concen: 49.828 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014757.D
 Acq: 28 Jan 2020 17:49

Tgt Ion: 93 Resp: 160366
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.0 100.4
 174 116.5 90.2 135.2





#47

Bromodichloromethane

Concen: 50.796 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

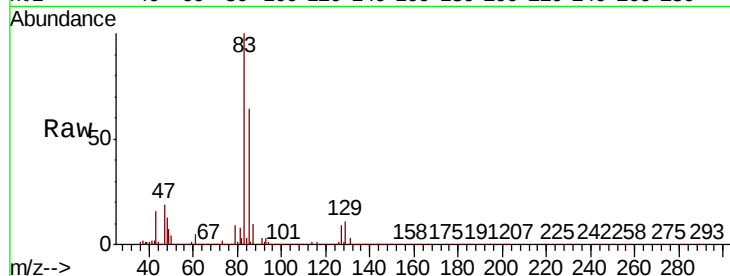
Tot Ion: 83 Resp: 320638

Ion Ratio Lower Upper

83 100

85 63.9 52.2 78.2

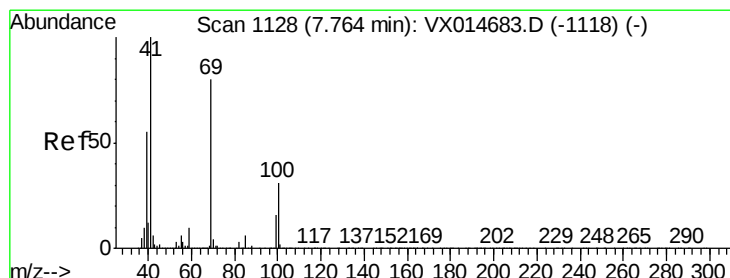
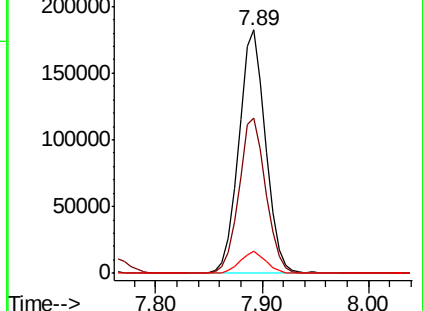
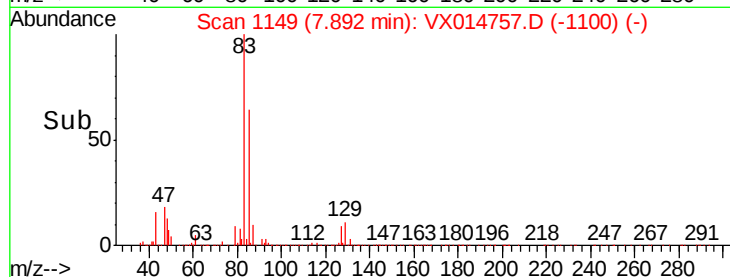
127 9.3 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.149 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

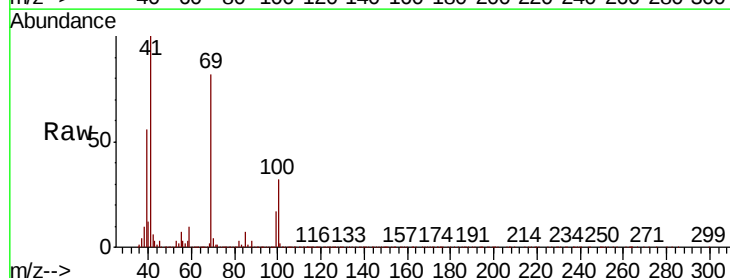
Tgt Ion: 41 Resp: 286144

Ion Ratio Lower Upper

41 100

69 82.3 63.5 95.3

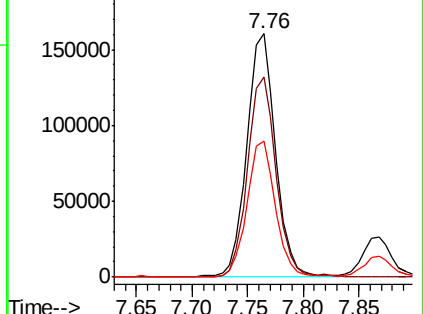
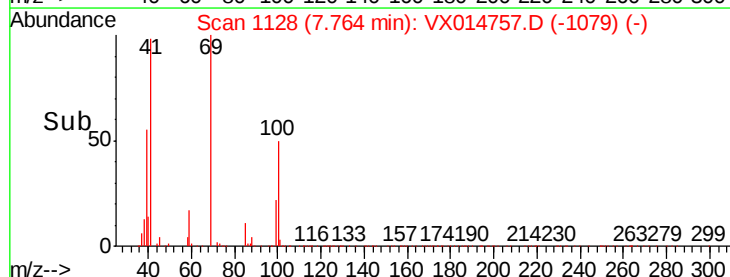
39 55.2 43.7 65.5

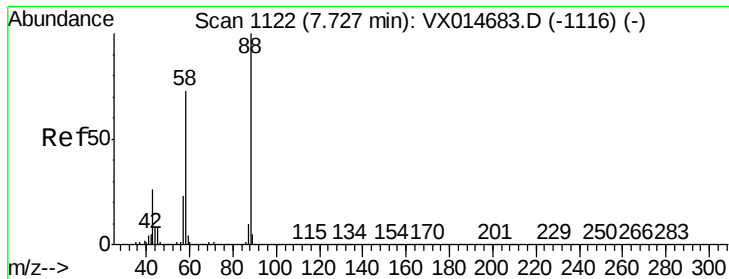


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

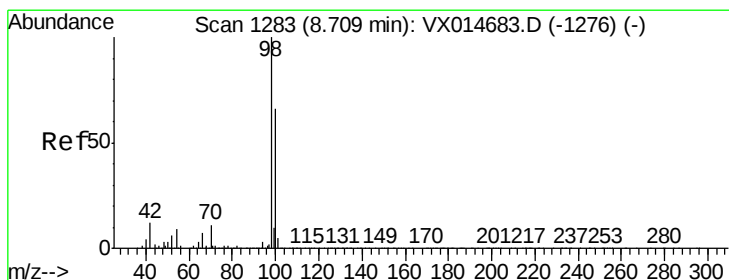
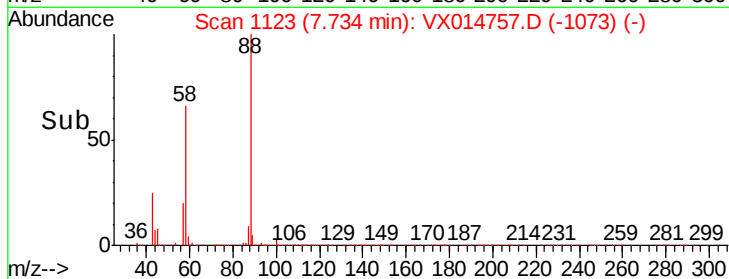
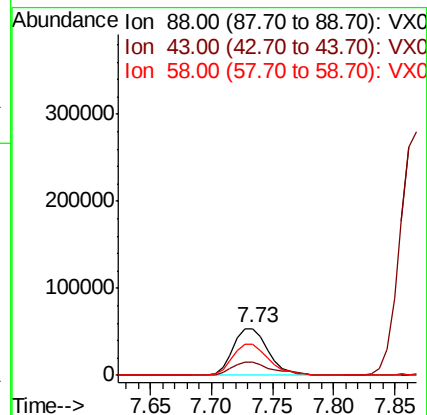
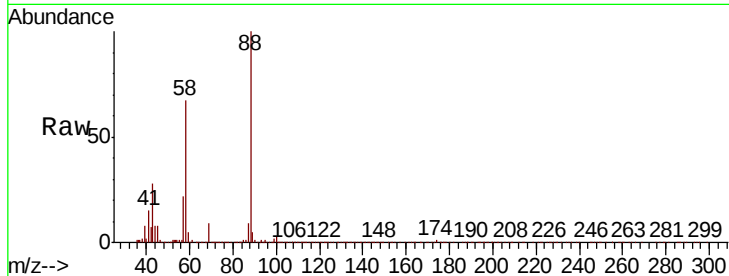




#49
1,4-Dioxane
Concen: 894.304 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

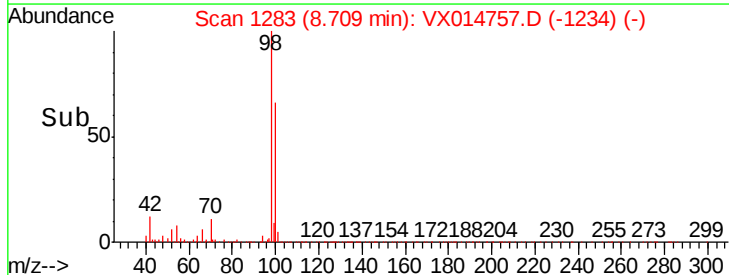
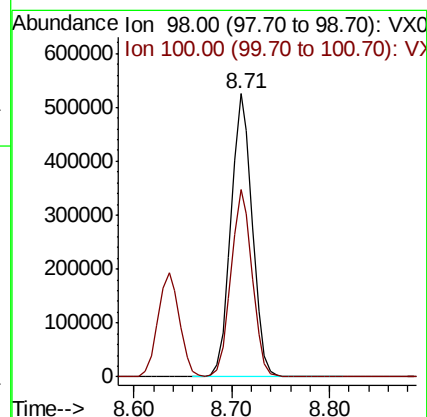
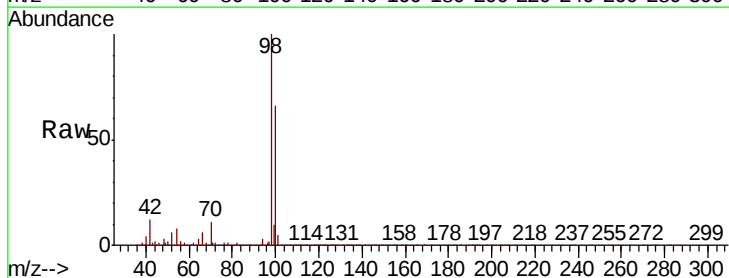
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 106052
Ion Ratio Lower Upper
88 100
43 32.5 26.2 39.2
58 70.1 56.6 85.0



#50
Toluene-d8
Concen: 48.682 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion: 98 Resp: 793398
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.6

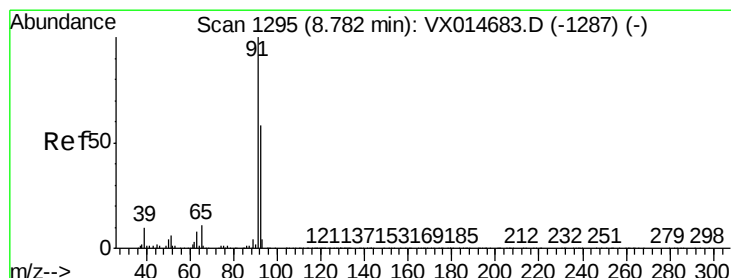
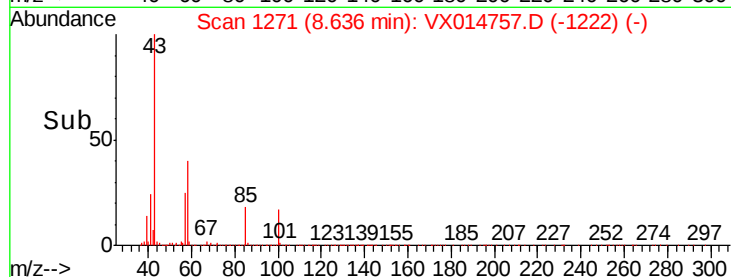
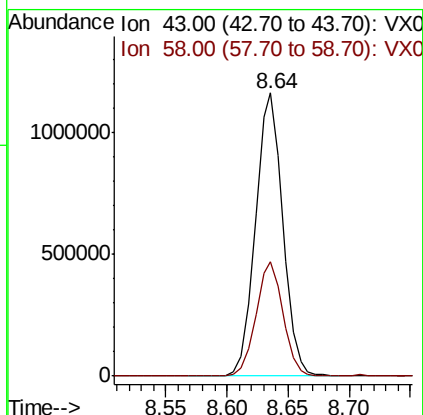
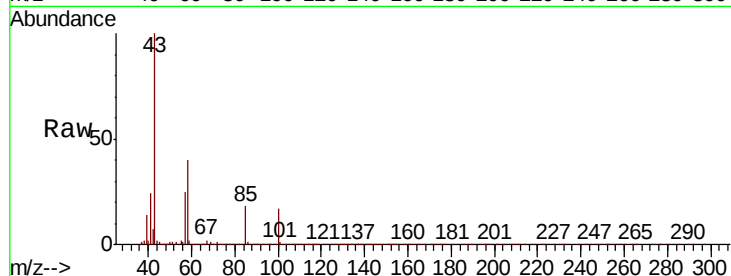




#51
4-Methyl-2-Pentanone
Concen: 245.322 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

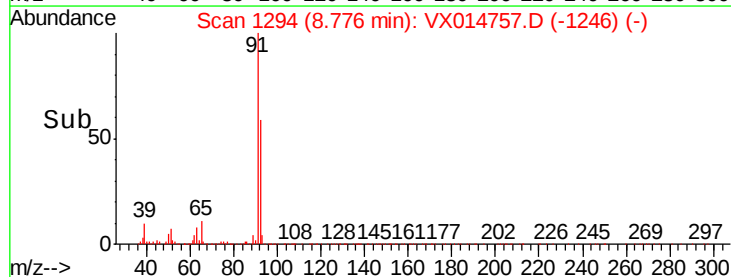
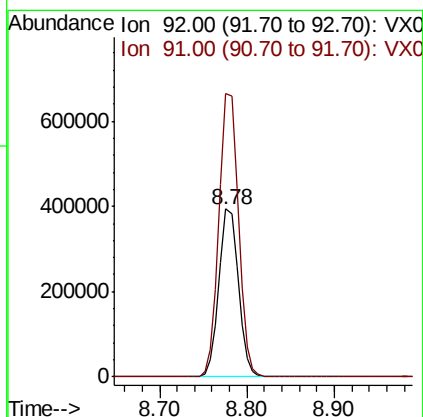
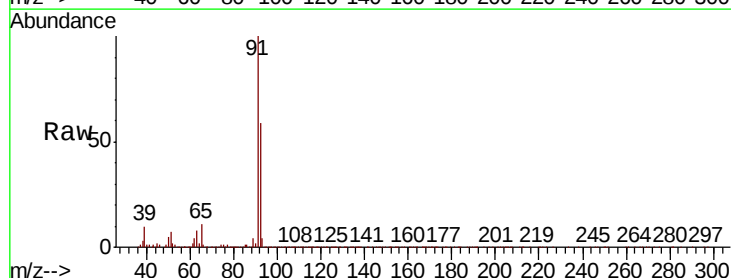
Instrument :
MSVOA_X
ClientSampleId :

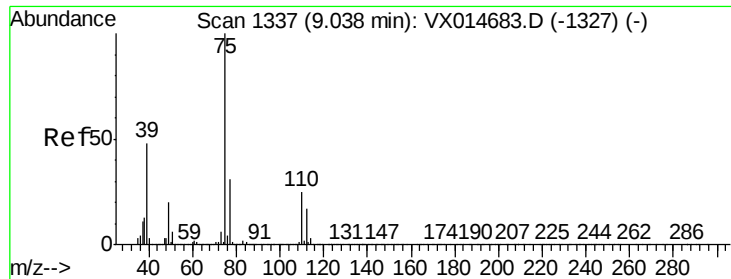
Tot Ion: 43 Resp: 1812904
Ion Ratio Lower Upper
43 100
58 39.9 31.6 47.4



#52
Toluene
Concen: 51.043 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion: 92 Resp: 605213
Ion Ratio Lower Upper
92 100
91 170.3 135.9 203.9

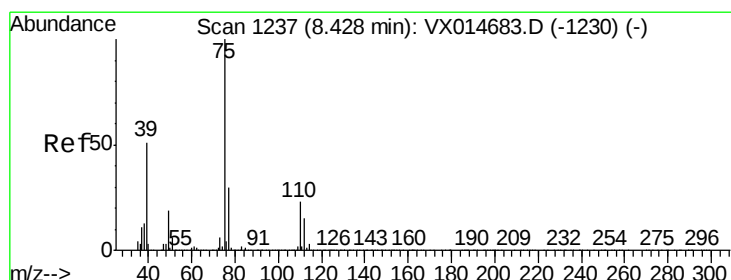
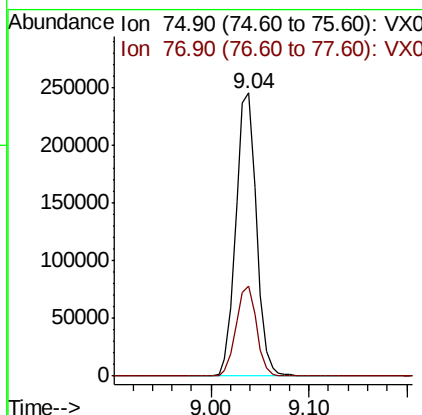
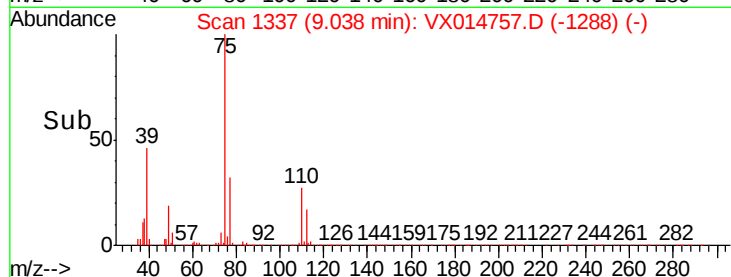
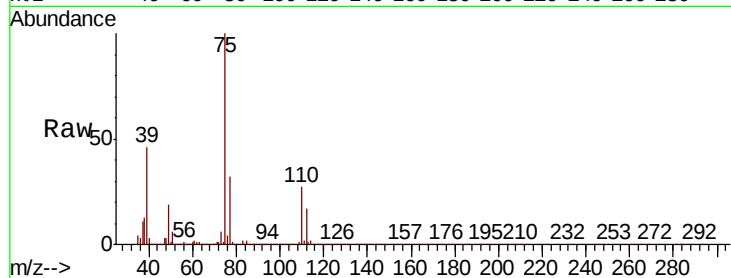




#53
t-1,3-Dichloropropene
Concen: 52.881 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

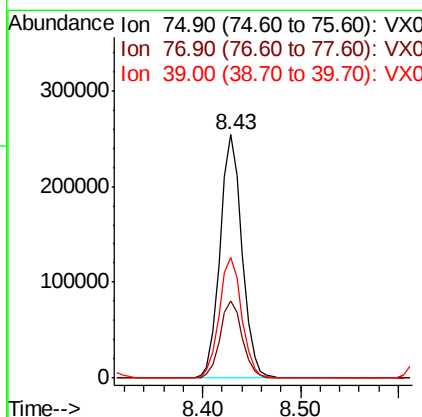
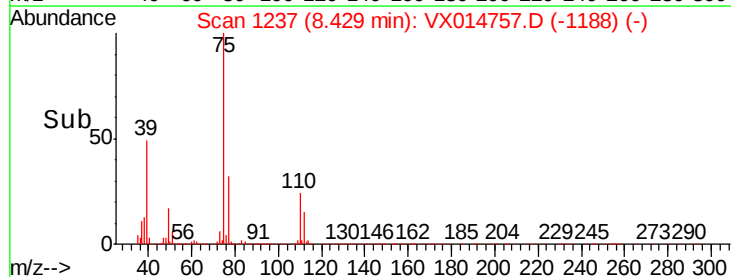
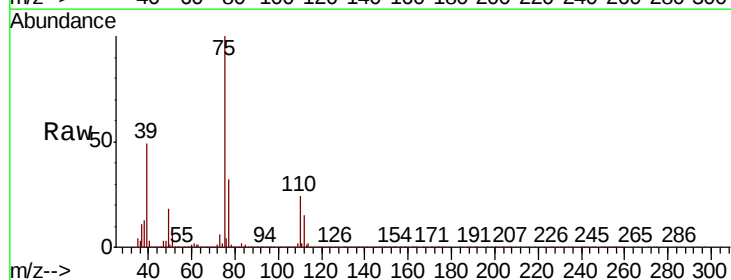
Instrument :
MSVOA_X
ClientSampled :

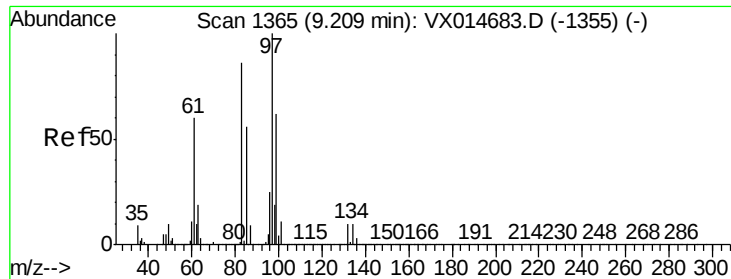
Tot Ion: 75 Resp: 359427
Ion Ratio Lower Upper
75 100
77 31.6 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 52.917 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion: 75 Resp: 395670
Ion Ratio Lower Upper
75 100
77 31.8 23.9 35.9
39 49.3 40.9 61.3

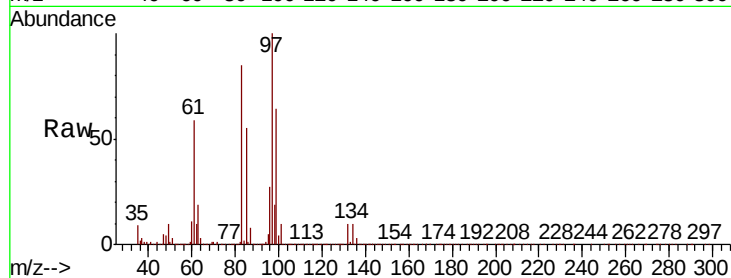




#55
1,1,2-Trichloroethane
Concen: 50.785 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	97	Resp:	246539
Ion	Ratio	Lower	Upper
97	100		
83	85.2	69.2	103.8
85	55.5	44.6	67.0
99	63.6	50.1	75.1



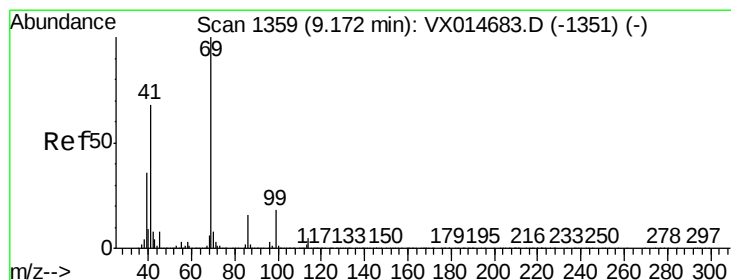
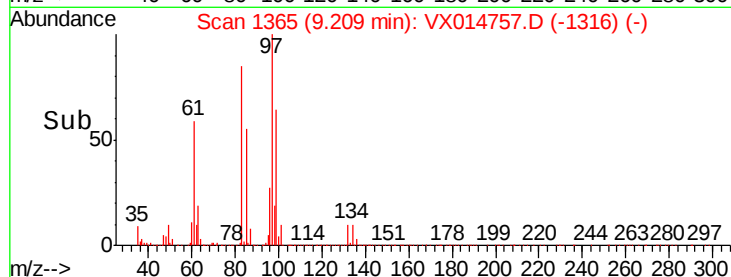
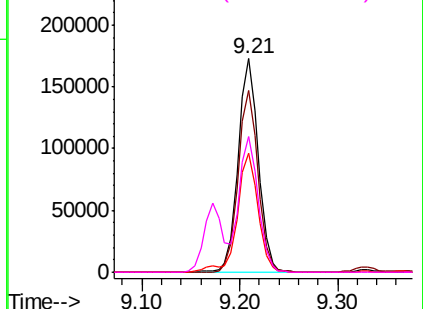
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

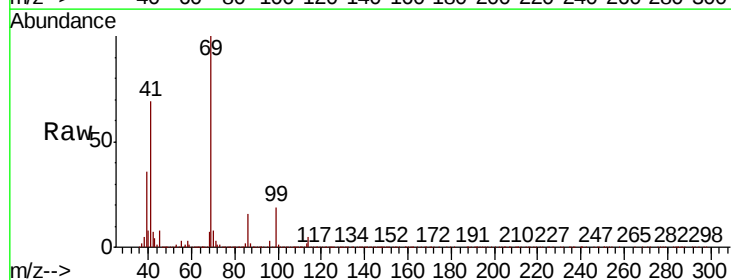
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
Ethyl methacrylate
Concen: 47.393 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion:	69	Resp:	389248
Ion	Ratio	Lower	Upper
69	100		
41	69.1	54.9	82.3
39	36.5	29.3	43.9

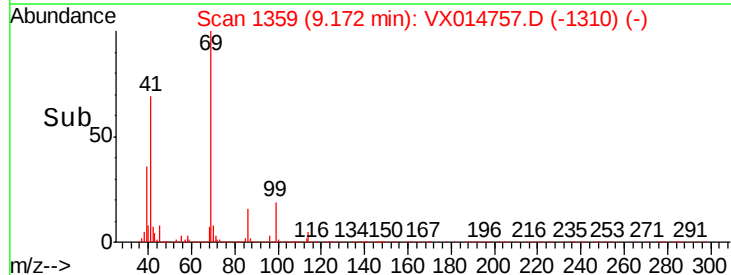
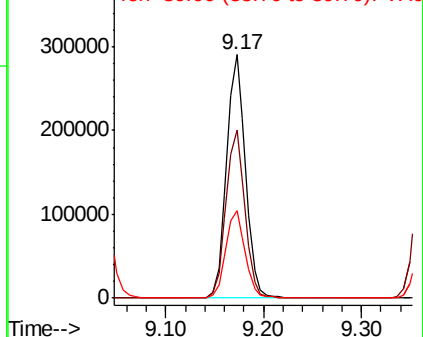


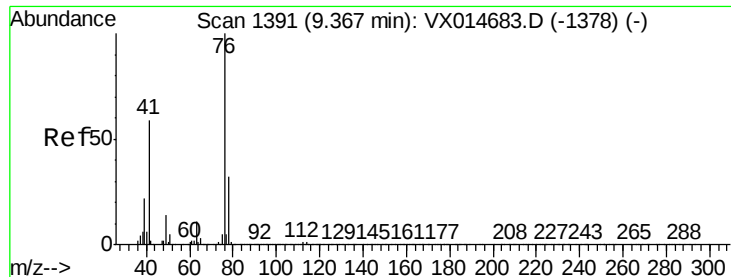
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.175 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

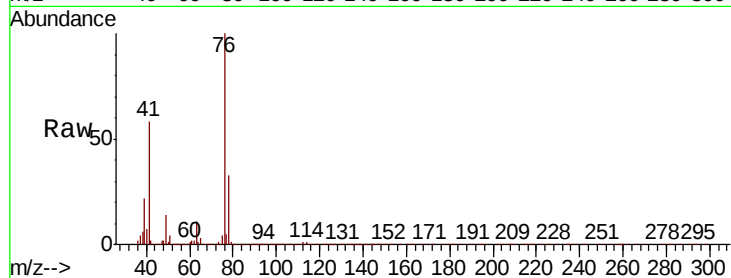
ClientSampleId :

Tot Ion: 76 Resp: 416387

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

300000

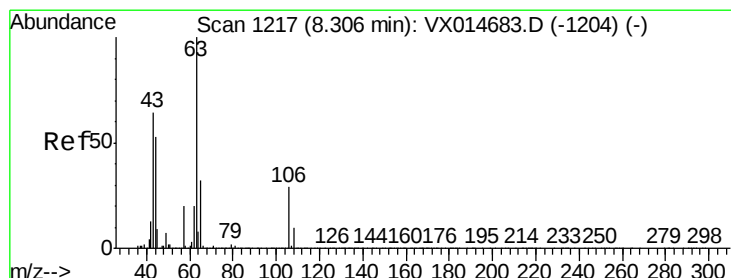
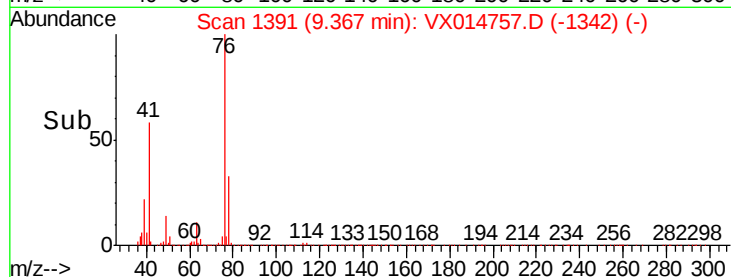
200000

100000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 258.083 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014757.D

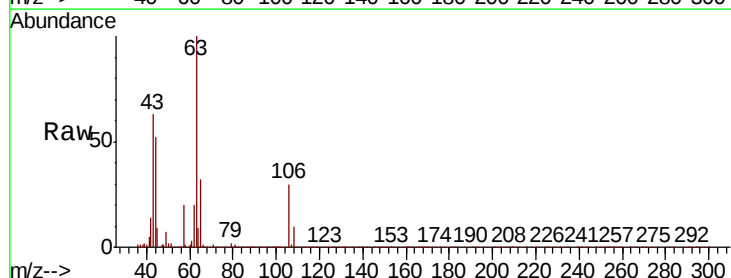
Acq: 28 Jan 2020 17:49

Tgt Ion: 63 Resp: 630081

Ion Ratio Lower Upper

63 100

106 28.8 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

400000

300000

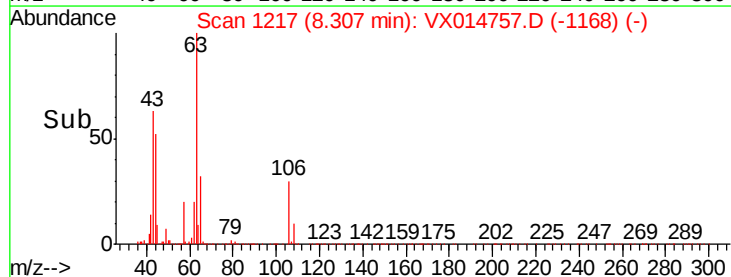
200000

100000

0

8.20 8.30 8.40

Time-->

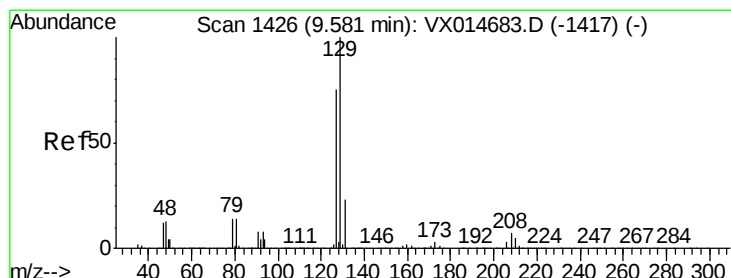
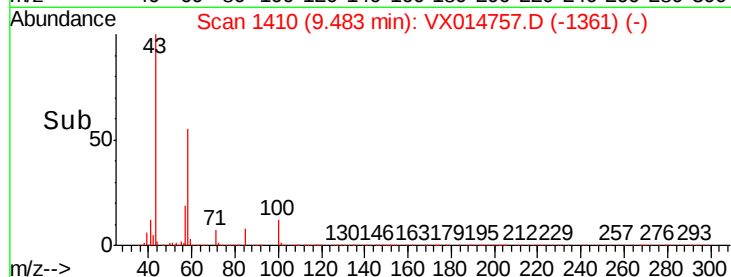
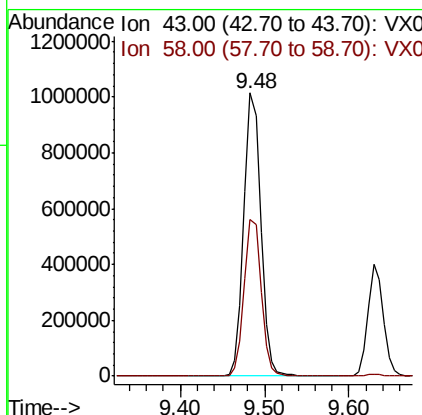
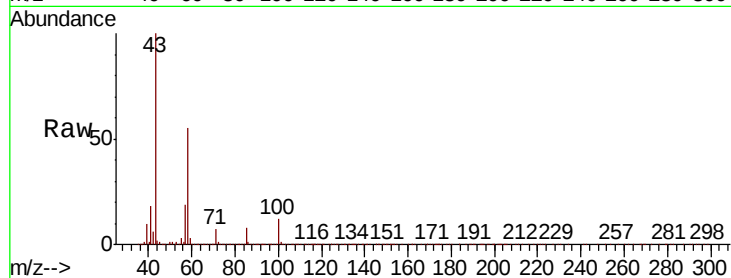




#59
2-Hexanone
Concen: 238.144 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

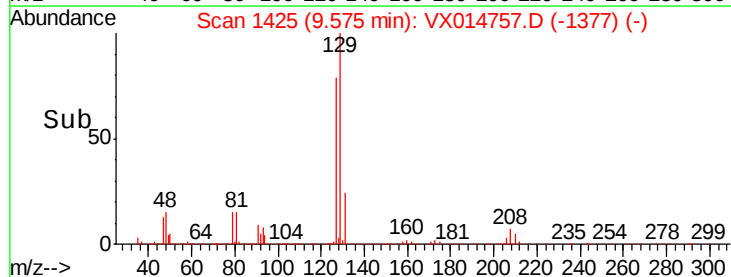
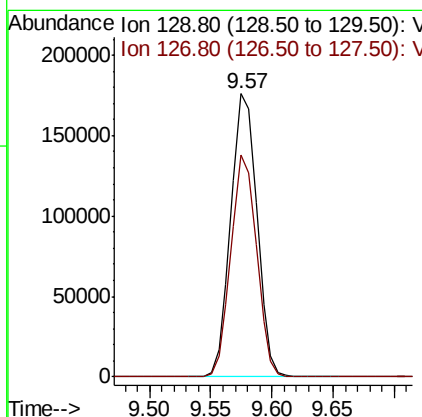
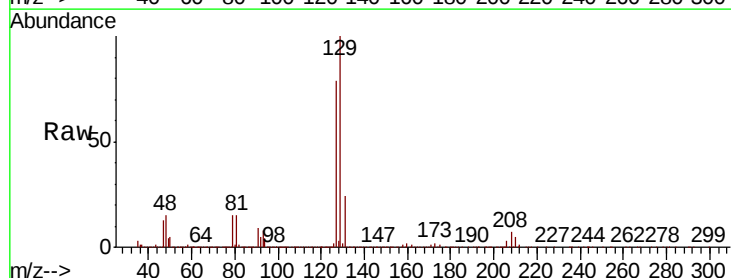
Instrument :
MSVOA_X
ClientSampleId :

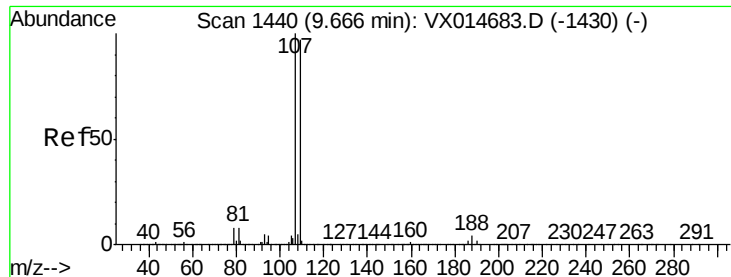
Tot Ion: 43 Resp: 1365623
Ion Ratio Lower Upper
43 100
58 55.7 27.2 81.5



#60
Dibromochloromethane
Concen: 51.511 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion: 129 Resp: 261012
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.316 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

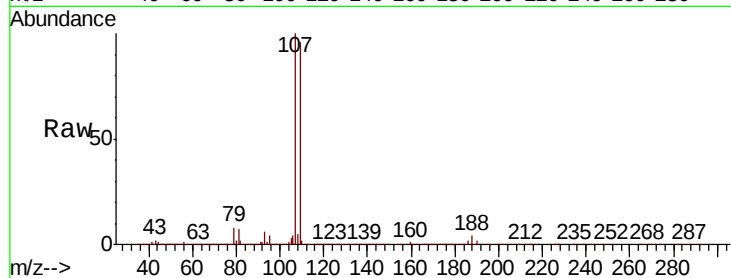
ClientSampleId :

Tot Ion:107 Resp: 258257

Ion Ratio Lower Upper

107 100

109 94.4 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

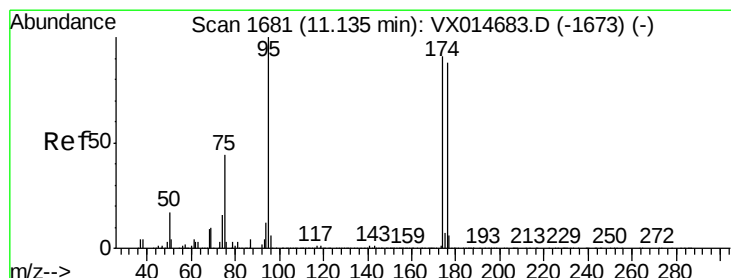
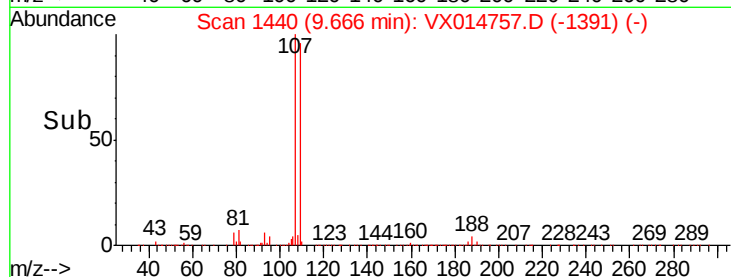
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.858 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

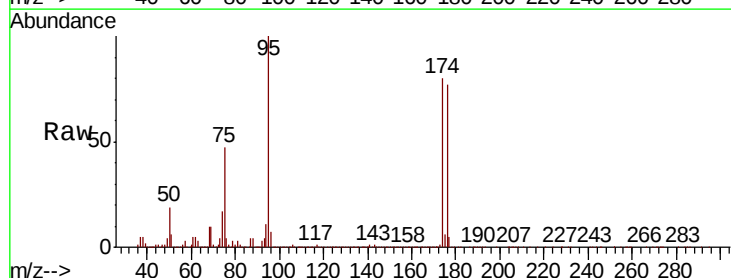
Tgt Ion: 95 Resp: 283649

Ion Ratio Lower Upper

95 100

174 88.4 0.0 176.0

176 86.7 0.0 172.2



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

300000

250000

200000

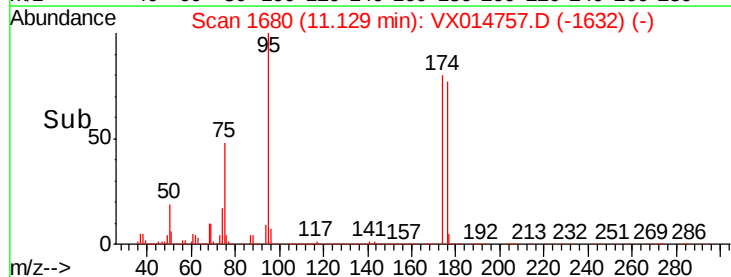
150000

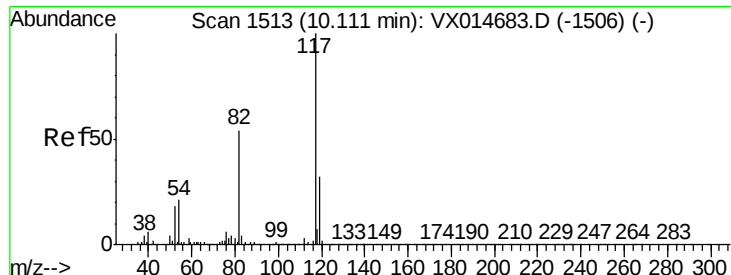
100000

50000

0

Time-->

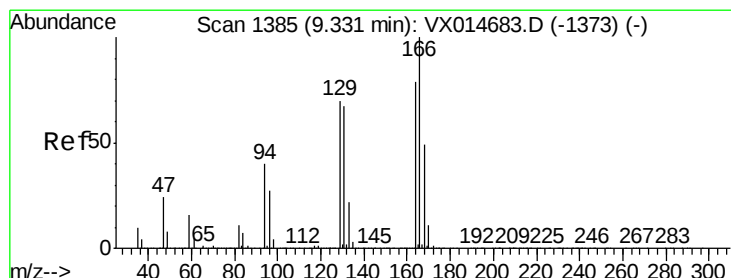
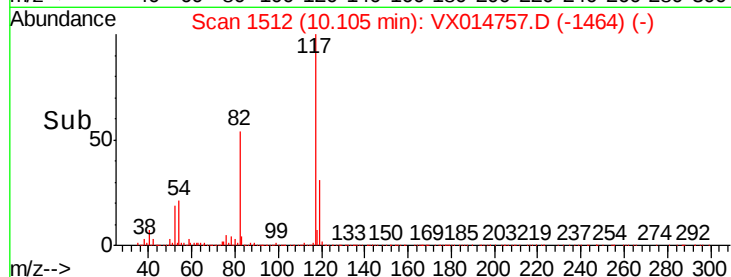
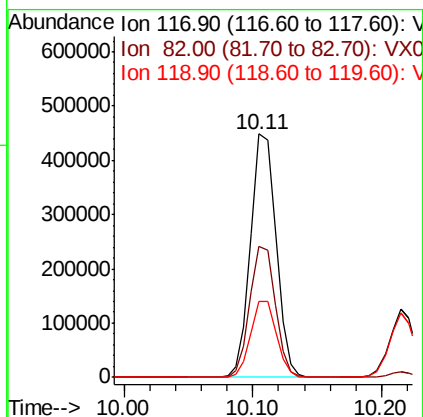
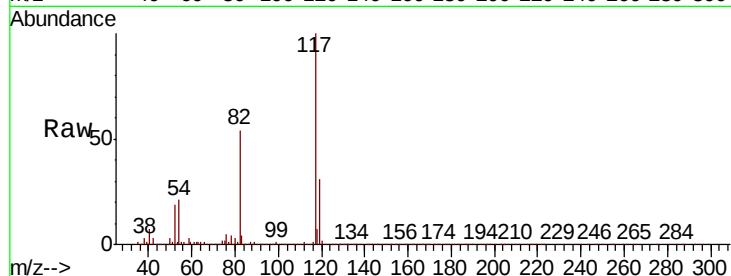




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

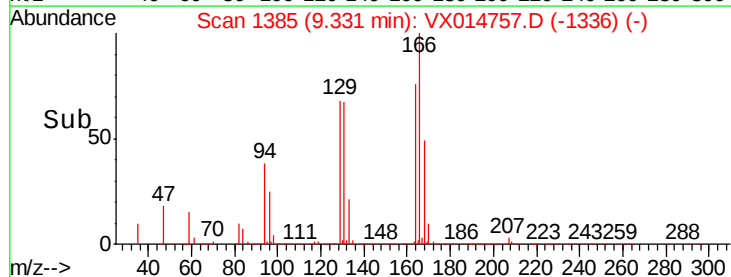
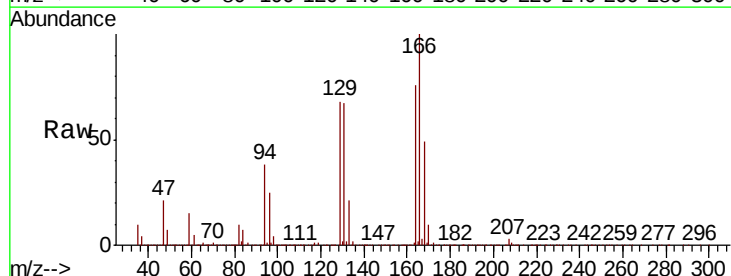
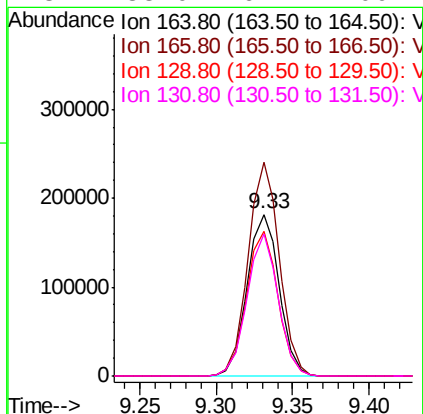
Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.2	64.8
119	31.4	25.8	38.6



#64
Tetrachloroethene
Concen: 43.572 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.0	100.9	151.3
129	89.3	71.0	106.6
131	88.0	67.1	100.7





#65

Chlorobenzene

Concen: 49.532 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

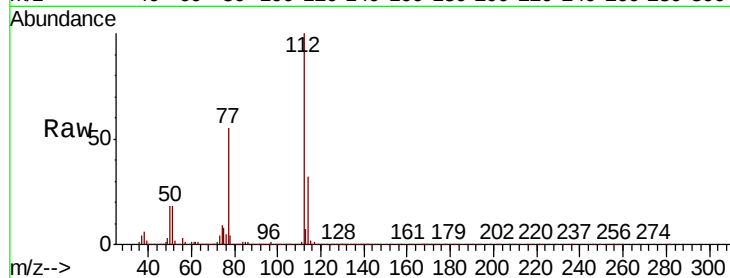
ClientSampleId :

Tot Ion:112 Resp: 649089

Ion Ratio Lower Upper

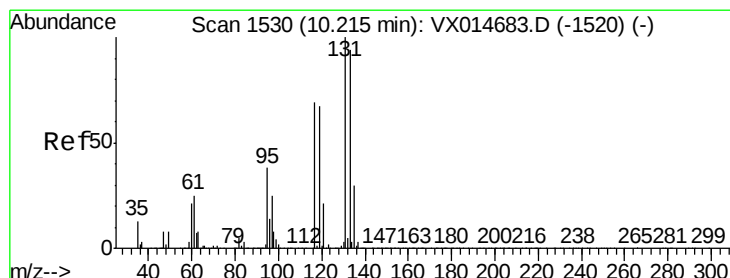
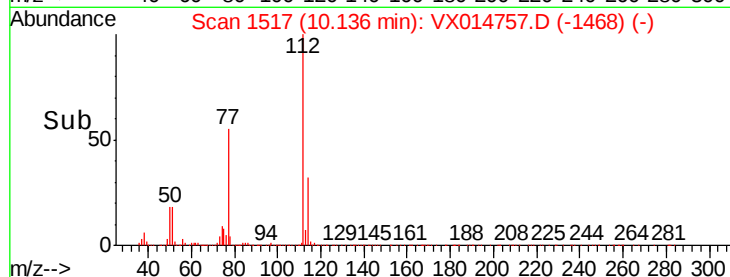
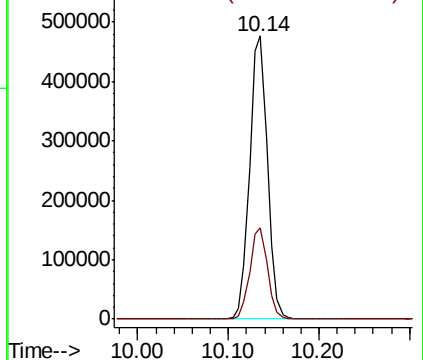
112 100

114 32.3 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.341 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

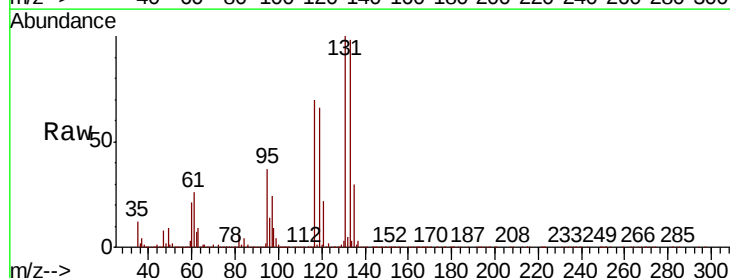
Tgt Ion:131 Resp: 243232

Ion Ratio Lower Upper

131 100

133 96.0 47.4 142.3

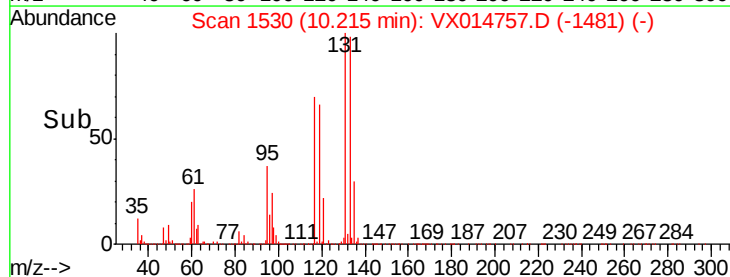
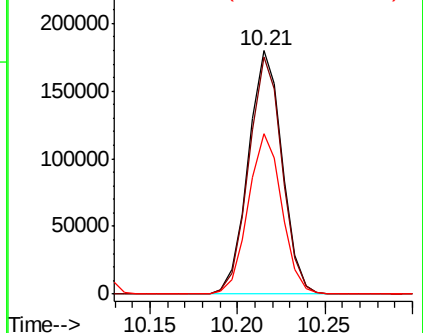
119 65.3 33.3 99.8

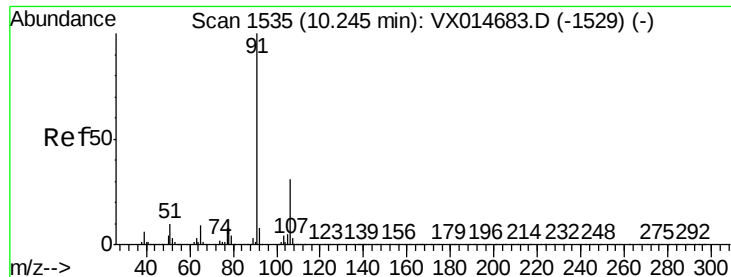


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.358 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

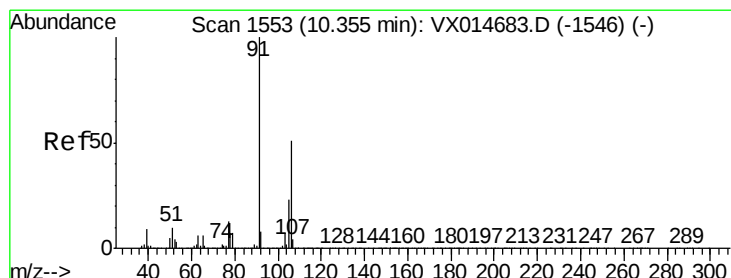
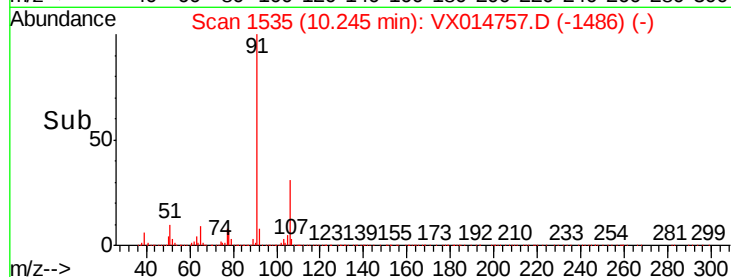
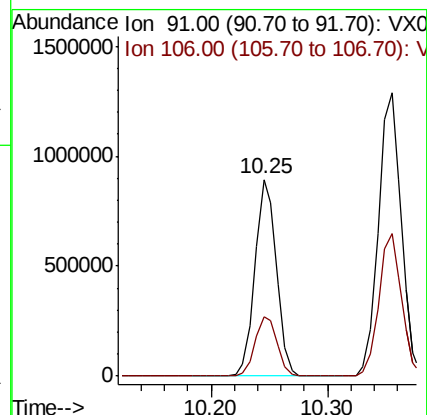
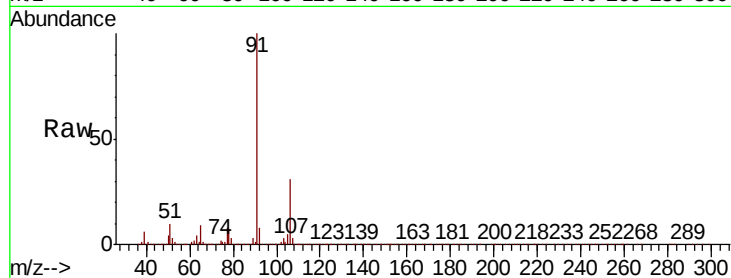
ClientSampleId :

Tot Ion: 91 Resp: 1149190

Ion Ratio Lower Upper

91 100

106 30.5 24.9 37.3



#68

m/p-Xylenes

Concen: 103.325 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014757.D

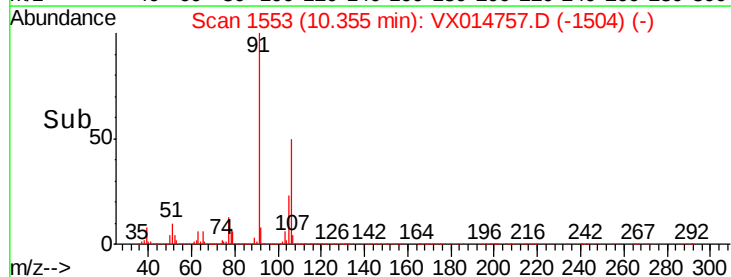
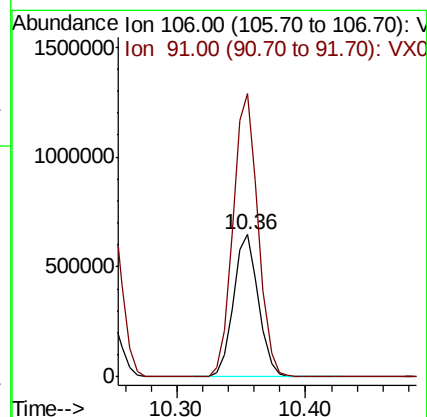
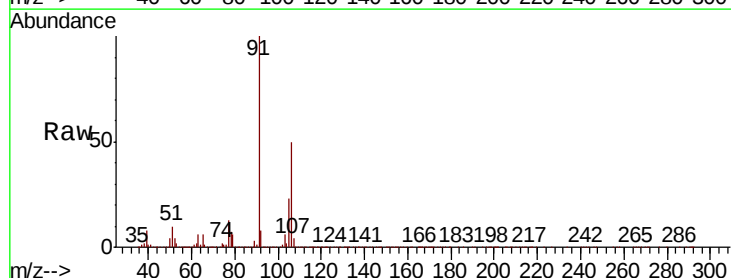
Acq: 28 Jan 2020 17:49

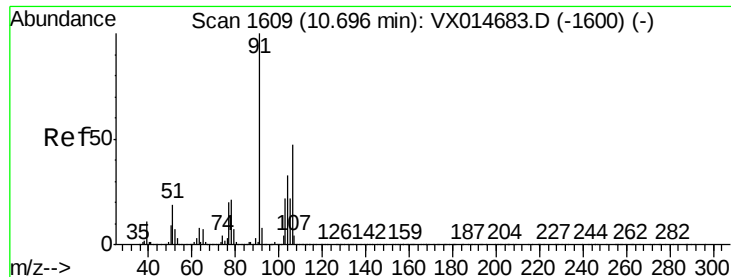
Tgt Ion: 106 Resp: 875892

Ion Ratio Lower Upper

106 100

91 199.2 159.4 239.2

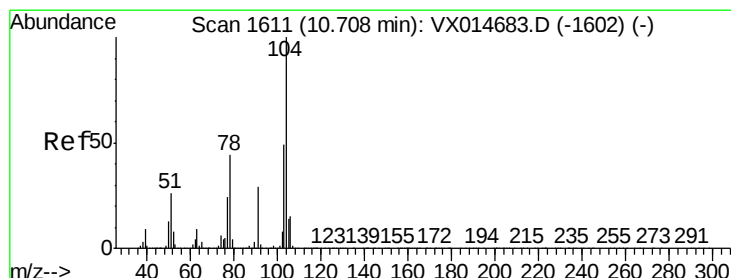
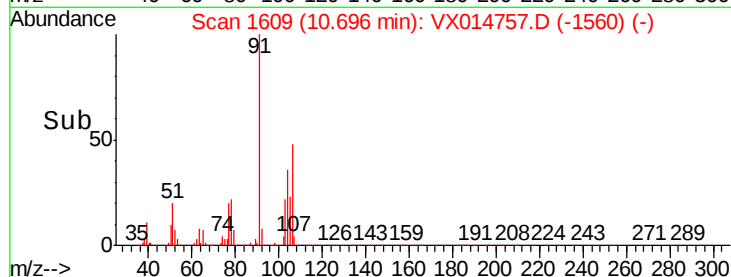
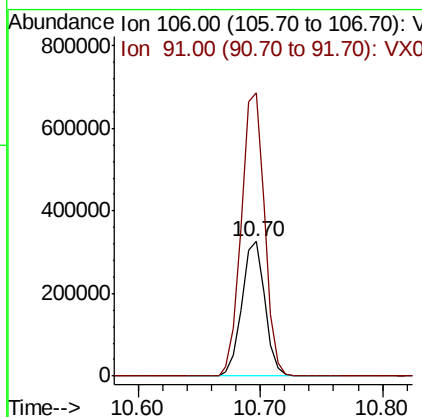
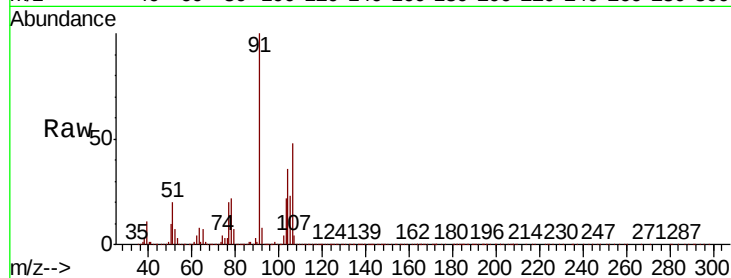




#69
o-Xylene
Concen: 51.888 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

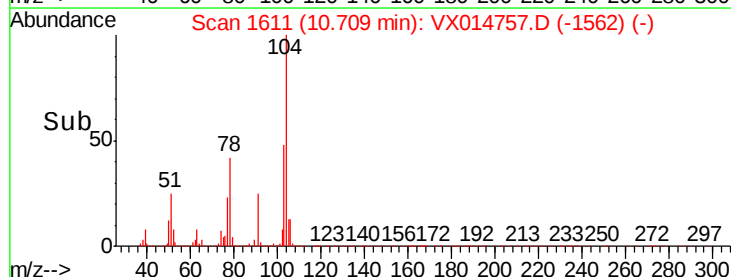
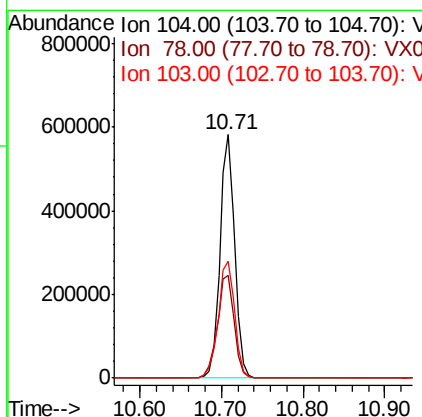
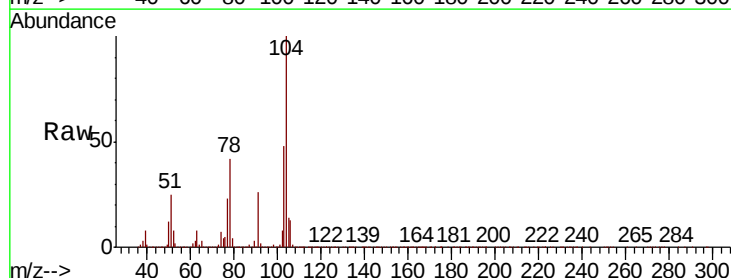
Instrument :
MSVOA_X
ClientSampleId :

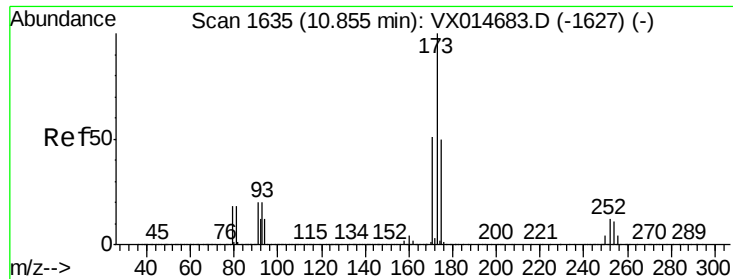
Tot Ion:106 Resp: 424638
Ion Ratio Lower Upper
106 100
91 211.7 106.2 318.6



#70
Styrene
Concen: 53.527 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion:104 Resp: 734807
Ion Ratio Lower Upper
104 100
78 48.5 39.3 58.9
103 53.9 43.5 65.3





#71

Bromoform

Concen: 52.256 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

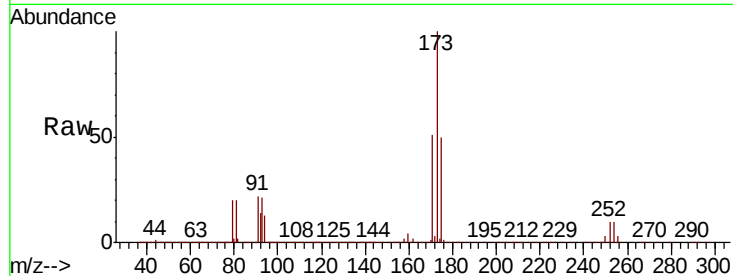
Tot Ion:173 Resp: 200786

Ion Ratio Lower Upper

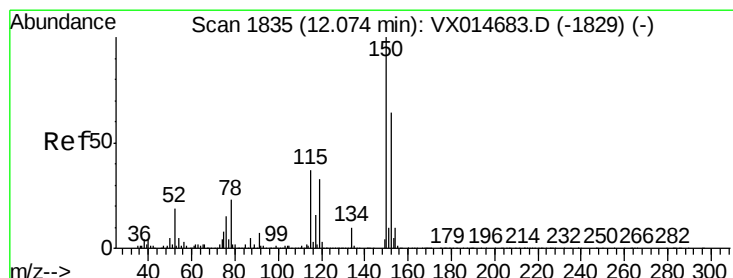
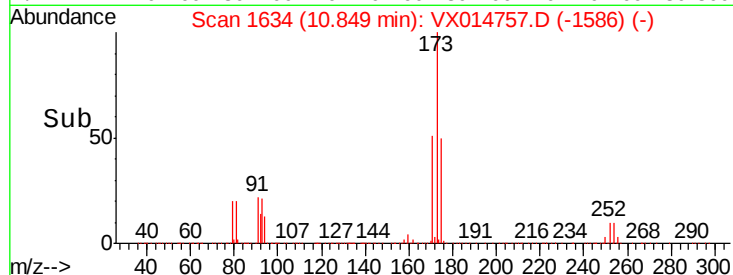
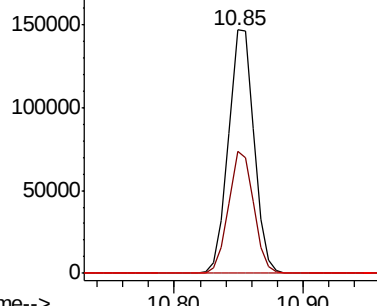
173 100

175 49.4 24.6 73.6

254 0.2 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: VX014757.D

Acq: 28 Jan 2020 17:49

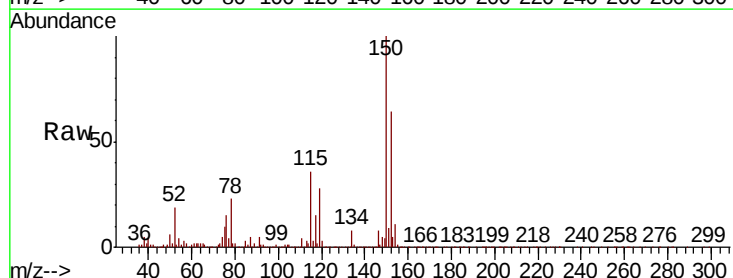
Tgt Ion:152 Resp: 312031

Ion Ratio Lower Upper

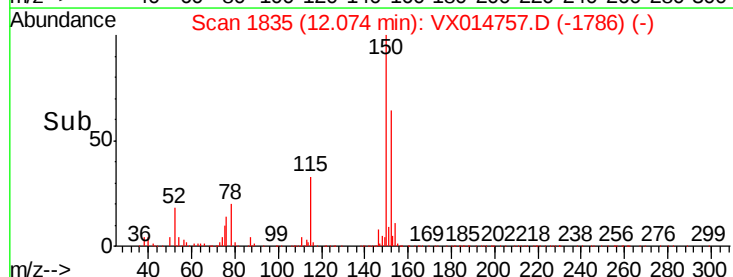
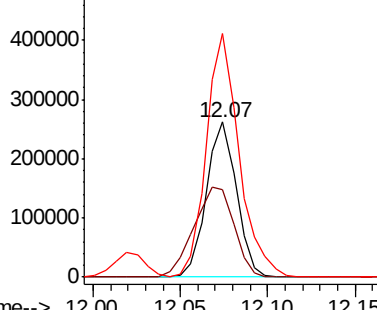
152 100

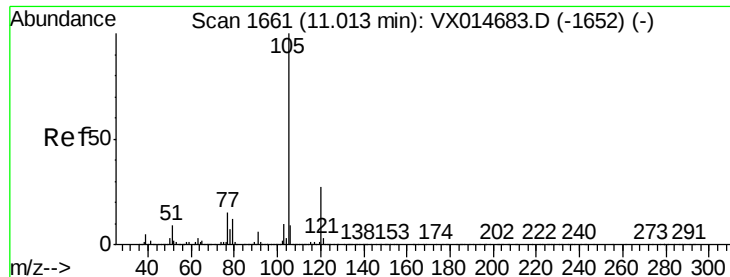
115 77.3 39.4 118.1

150 171.9 0.0 351.2



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: 51.279 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

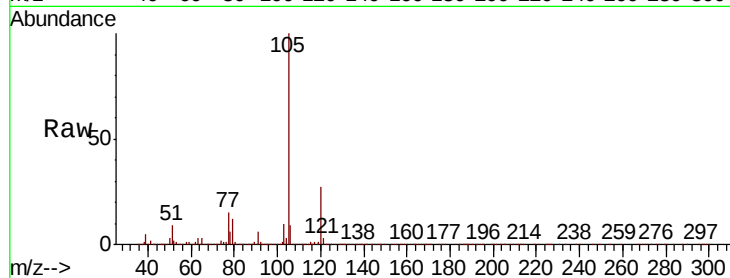
ClientSampleId :

Tot Ion:105 Resp: 1125069

Ion Ratio Lower Upper

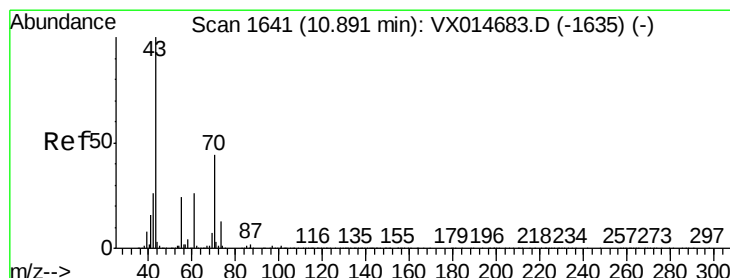
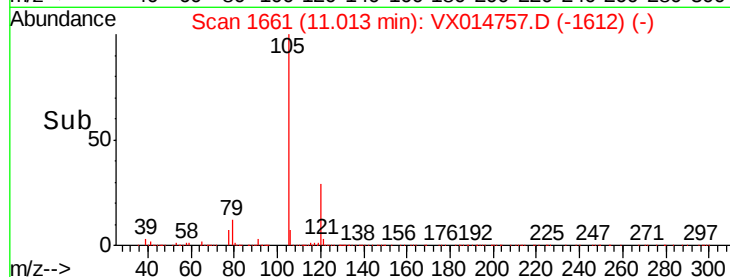
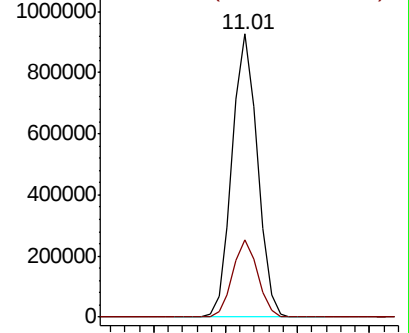
105 100

120 27.2 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.123 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Tgt Ion: 43 Resp: 510747

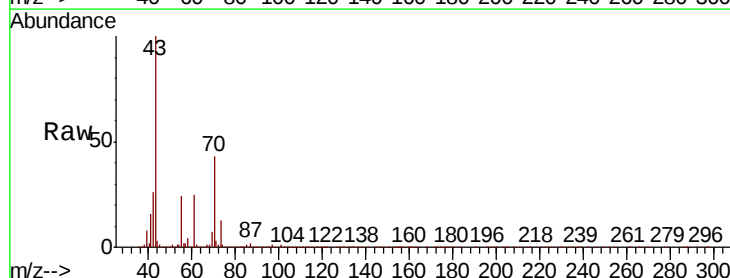
Ion Ratio Lower Upper

43 100

70 43.7 34.6 52.0

55 23.8 19.4 29.2

61 24.6 19.8 29.6

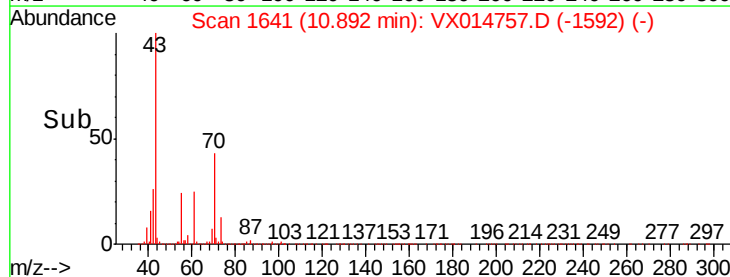
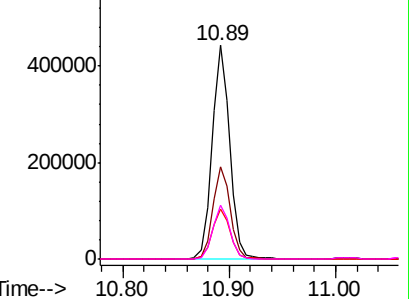


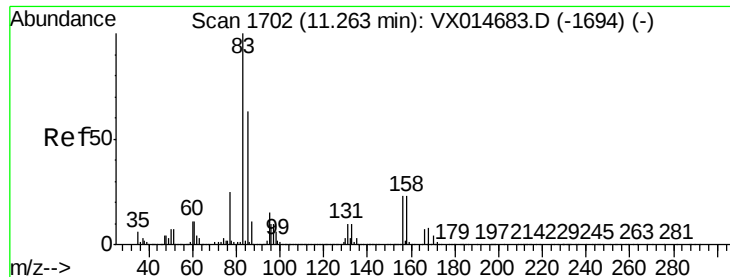
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.650 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

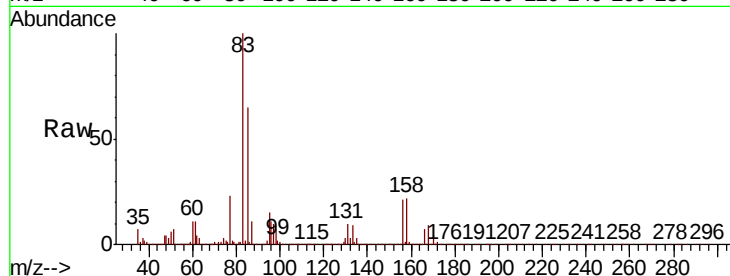
Tot Ion: 83 Resp: 373275

Ion Ratio Lower Upper

83 100

131 10.5 5.0 15.0

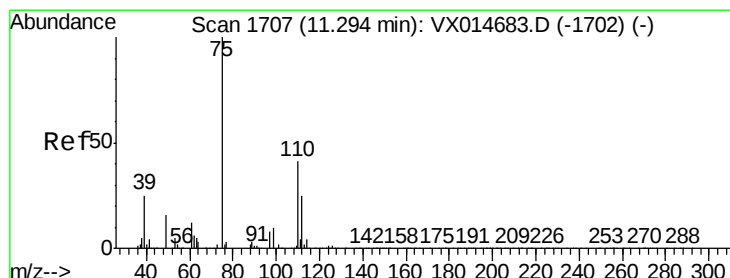
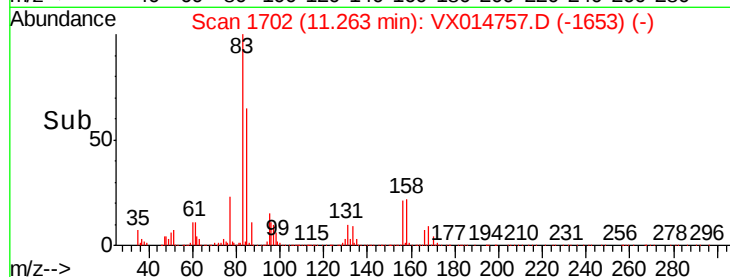
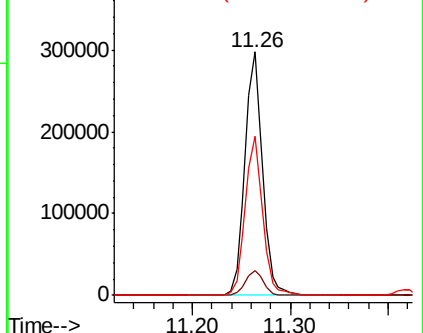
85 64.6 31.7 95.1



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: 59.721 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014757.D

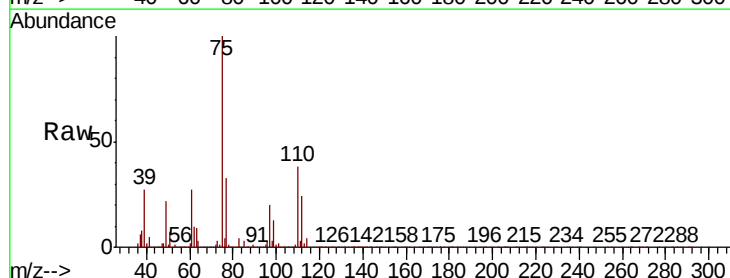
Acq: 28 Jan 2020 17:49

Tgt Ion: 75 Resp: 433549

Ion Ratio Lower Upper

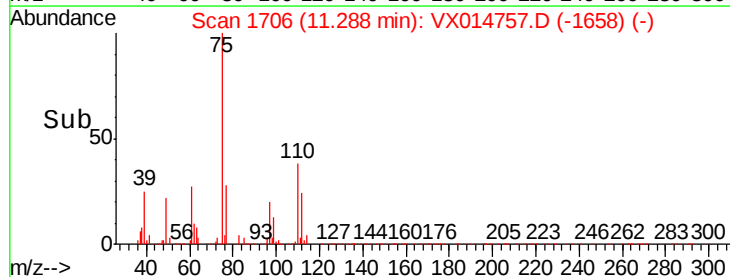
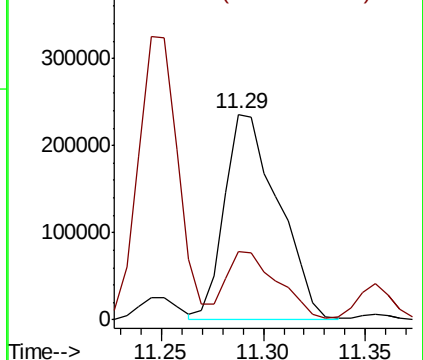
75 100

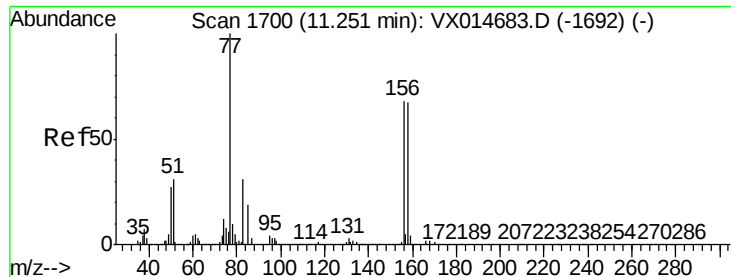
77 32.5 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.280 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

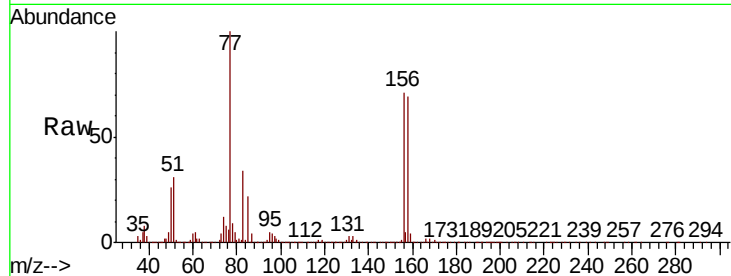
Tot Ion:156 Resp: 296357

Ion Ratio Lower Upper

156 100

77 147.2 77.5 232.5

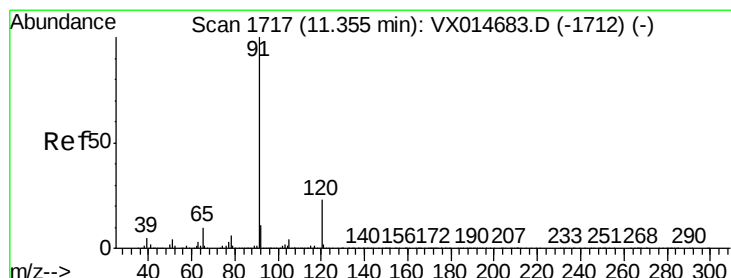
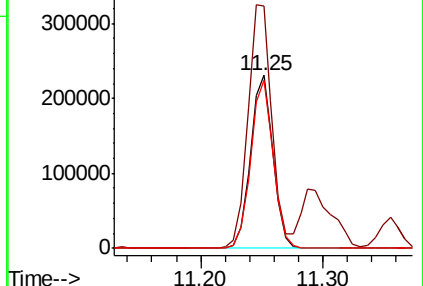
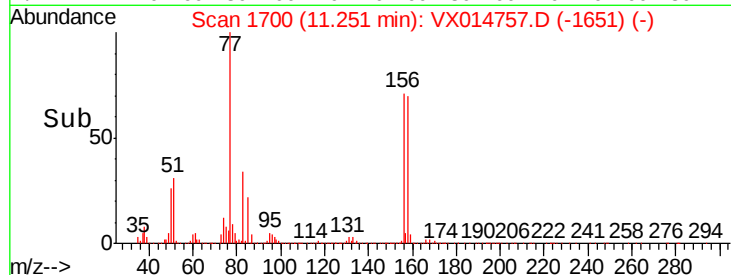
158 96.7 49.1 147.3



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: 51.312 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014757.D

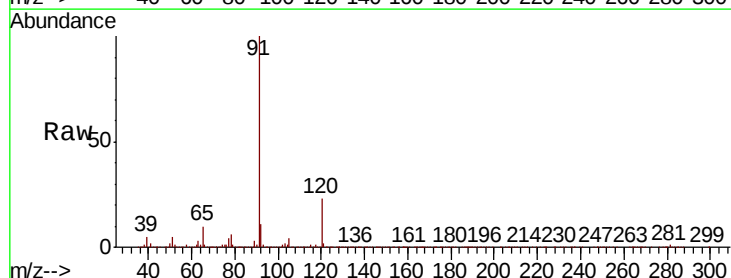
Acq: 28 Jan 2020 17:49

Tgt Ion: 91 Resp: 1277871

Ion Ratio Lower Upper

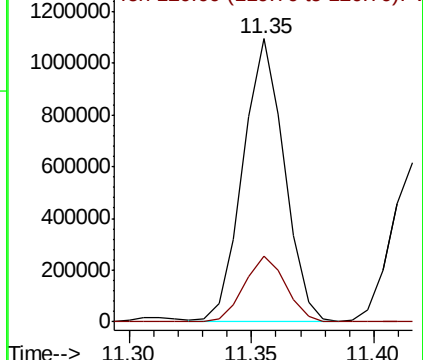
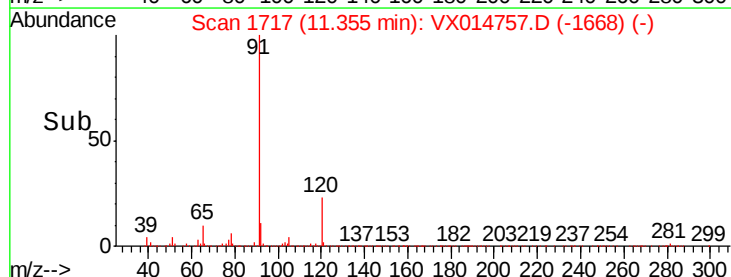
91 100

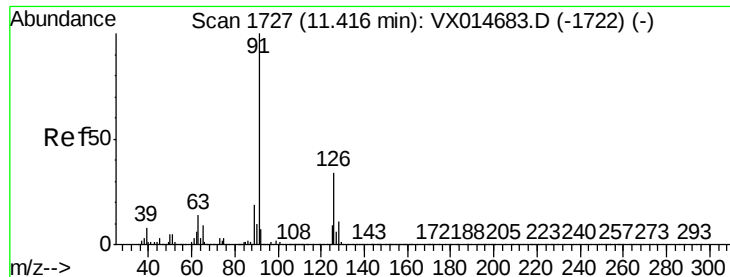
120 23.6 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

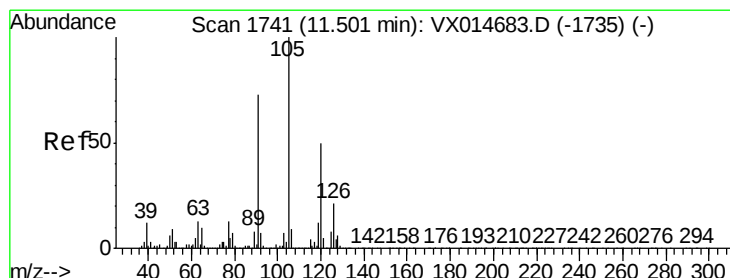
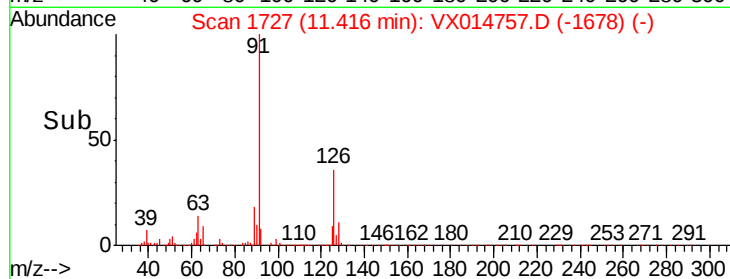
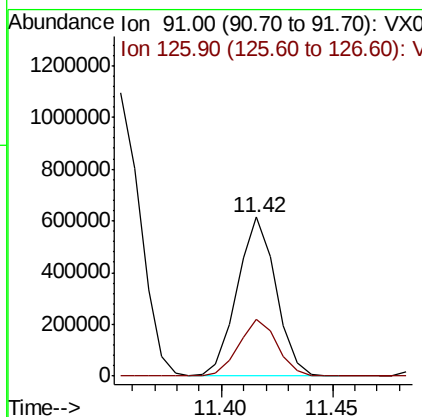
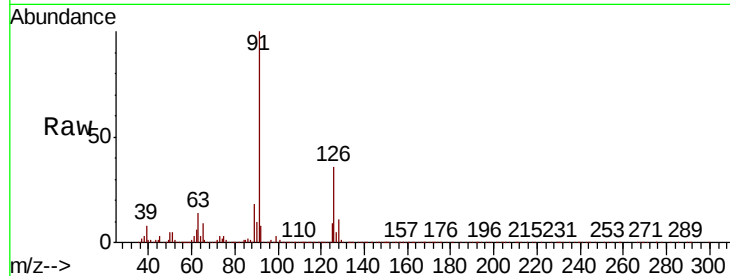




#79
 2-Chlorotoluene
 Concen: 49.404 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014757.D
 Acq: 28 Jan 2020 17:49

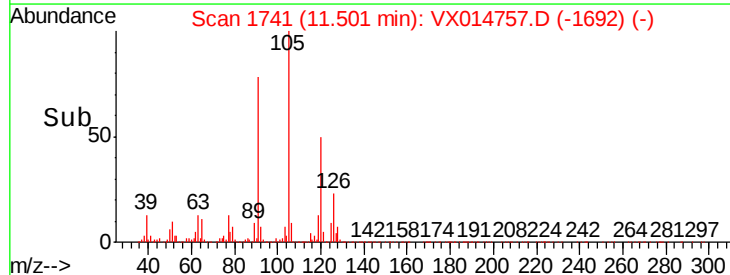
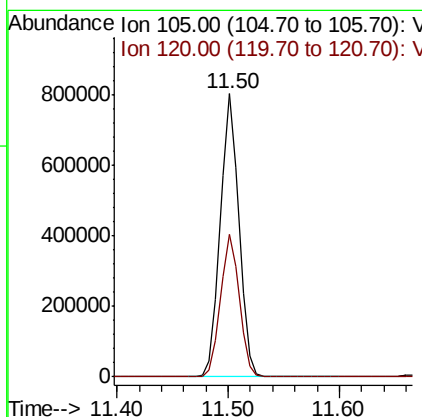
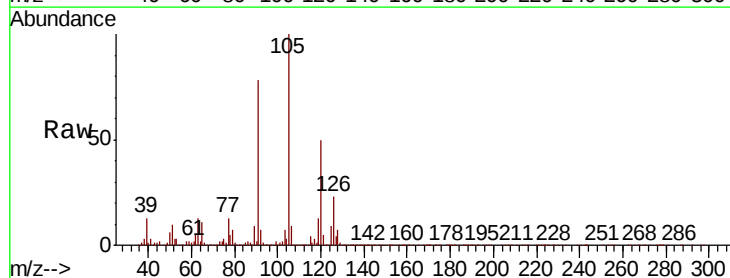
Instrument :
 MSVOA_X
 ClientSampleId :

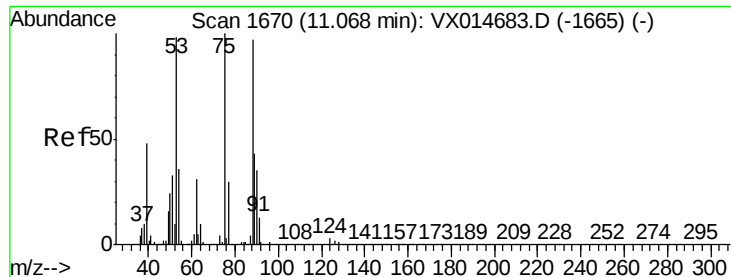
Tot Ion: 91 Resp: 744440
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.3 51.9



#80
 1,3,5-Trimethylbenzene
 Concen: 51.037 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014757.D
 Acq: 28 Jan 2020 17:49

Tgt Ion: 105 Resp: 929350
 Ion Ratio Lower Upper
 105 100
 120 50.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 48.952 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

ClientSampled :

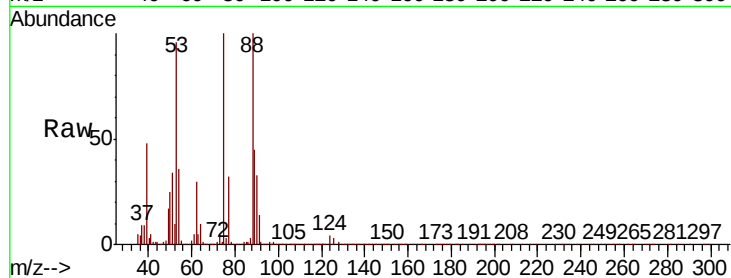
Tot Ion: 75 Resp: 124876

Ion Ratio Lower Upper

75 100

53 98.2 78.8 118.2

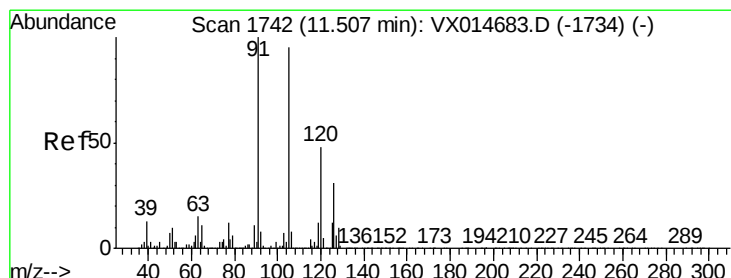
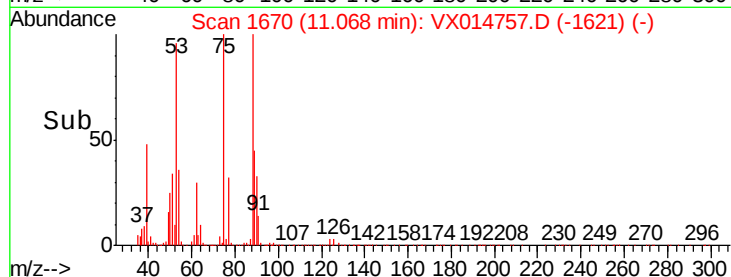
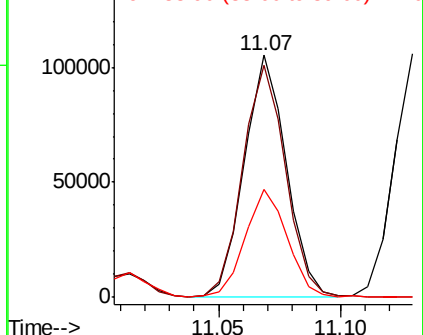
89 44.9 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.739 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014757.D

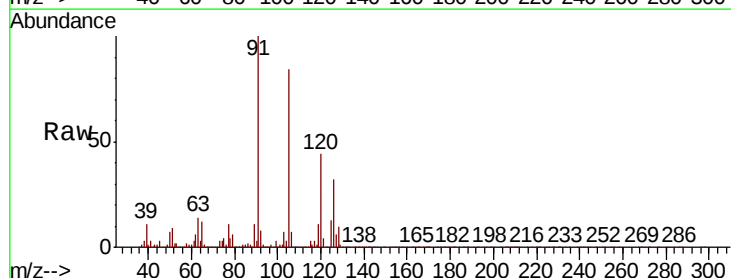
Acq: 28 Jan 2020 17:49

Tgt Ion: 91 Resp: 870411

Ion Ratio Lower Upper

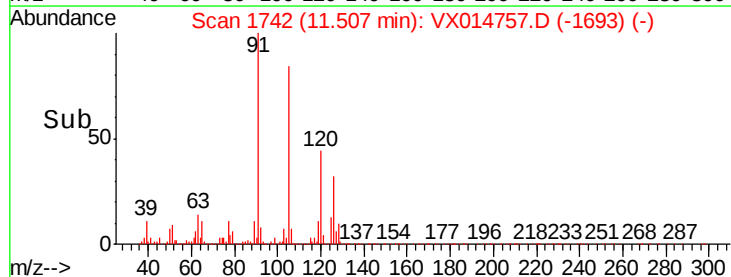
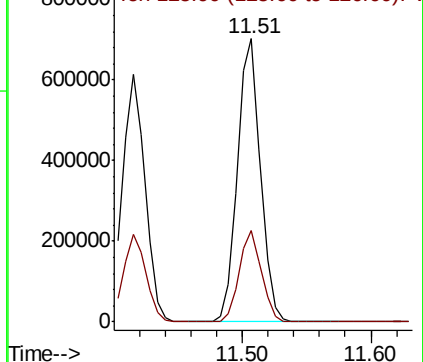
91 100

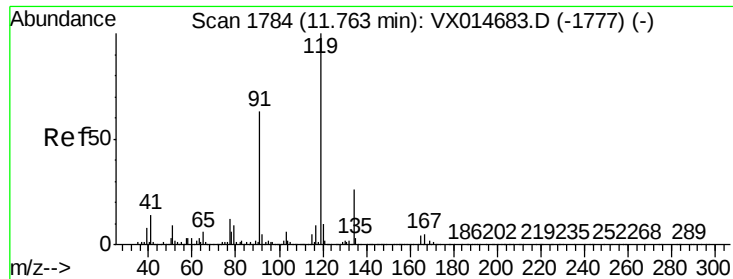
126 31.2 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

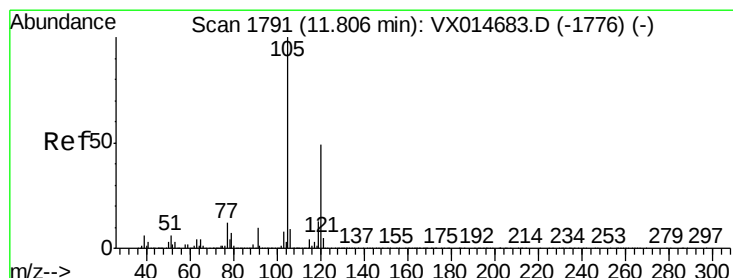
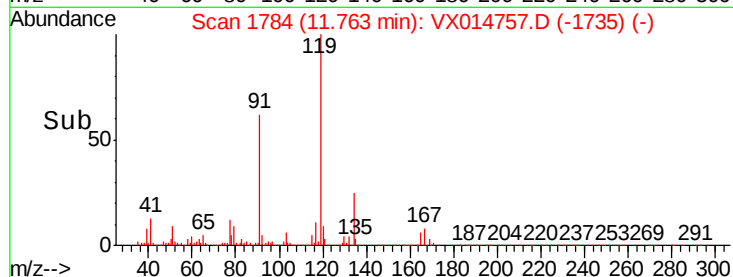
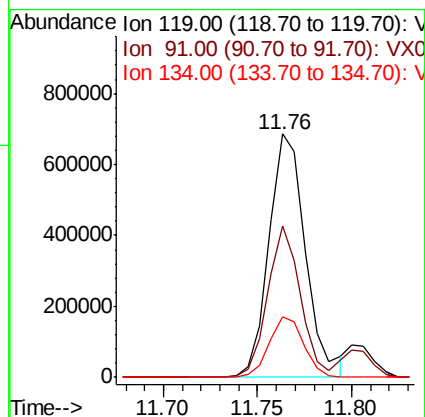
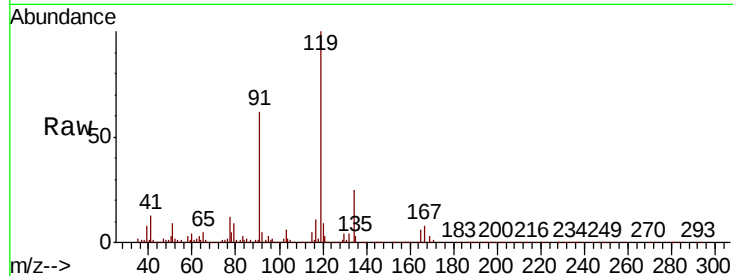




#83
tert-Butylbenzene
Concen: 53.939 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

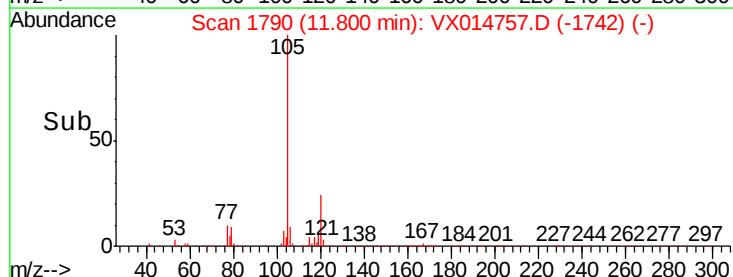
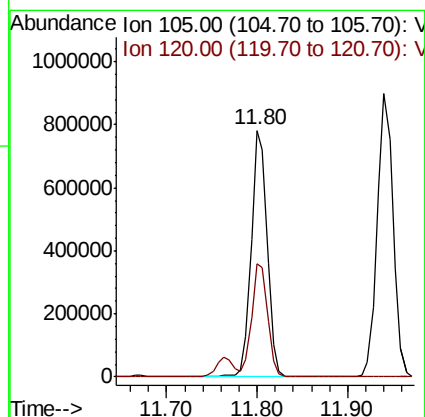
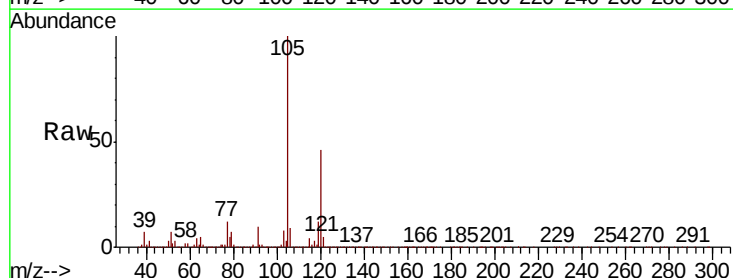
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:119 Resp: 922949
Ion Ratio Lower Upper
119 100
91 55.6 30.0 90.0
134 23.8 12.7 38.0



#84
1,2,4-Trimethylbenzene
Concen: 51.971 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion:105 Resp: 949231
Ion Ratio Lower Upper
105 100
120 45.8 23.4 70.0





#85

sec-Butylbenzene

Concen: 52.028 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

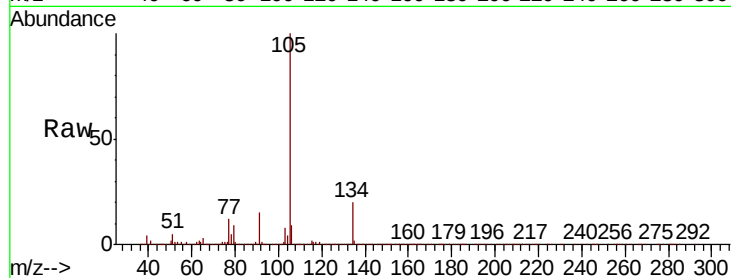
ClientSampleId :

Tot Ion:105 Resp: 1090607

Ion Ratio Lower Upper

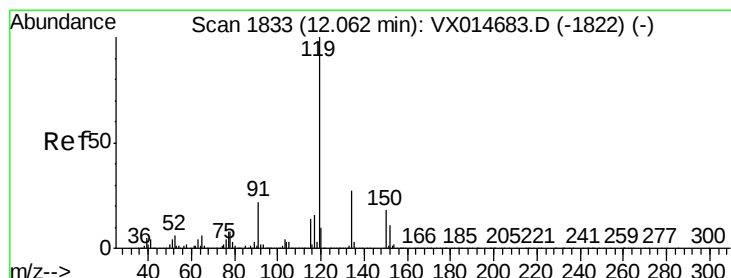
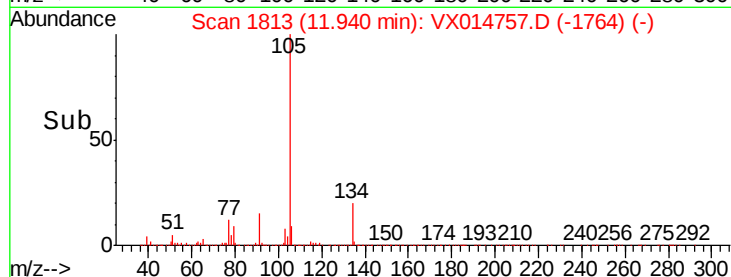
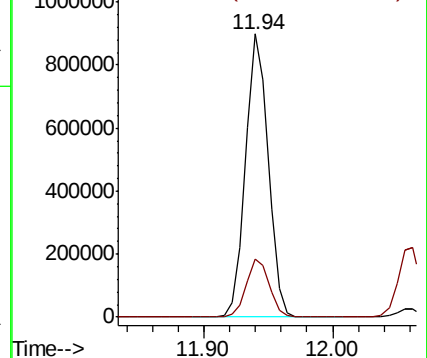
105 100

134 20.7 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.326 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

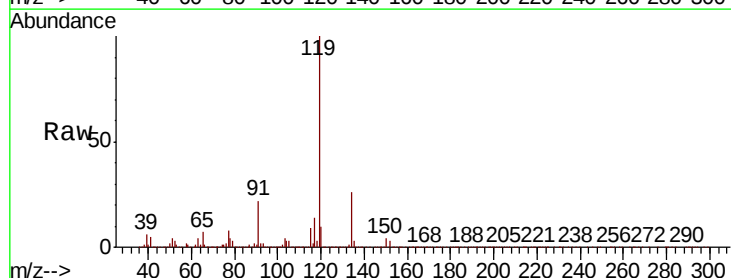
Tgt Ion:119 Resp: 1013663

Ion Ratio Lower Upper

119 100

134 26.3 13.5 40.4

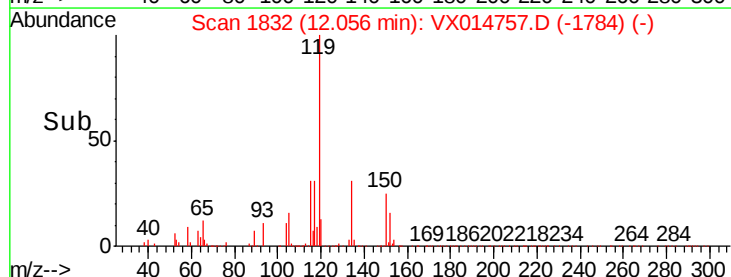
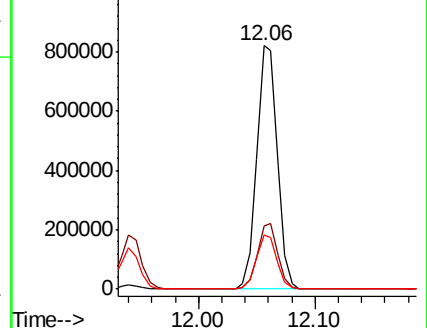
91 22.1 11.3 33.8

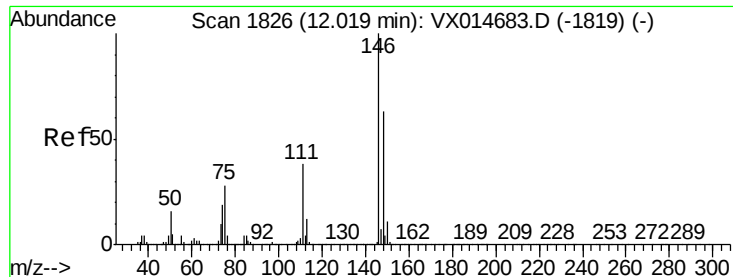


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

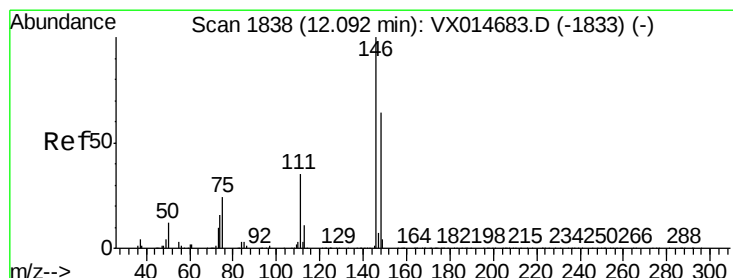
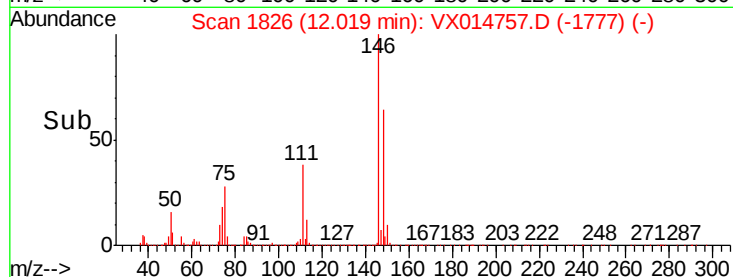
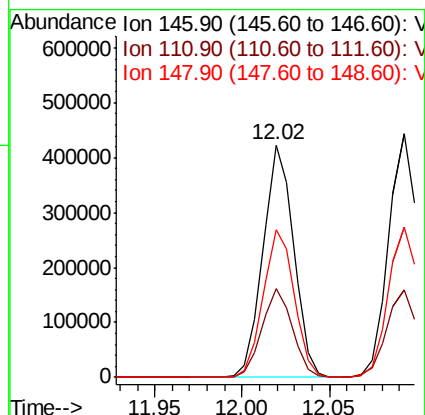
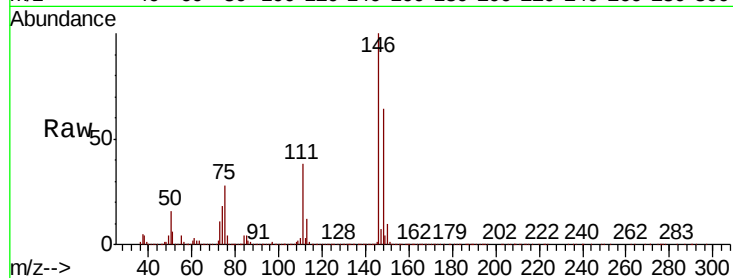




#87
 1,3-Dichlorobenzene
 Concen: 48.748 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014757.D
 Acq: 28 Jan 2020 17:49

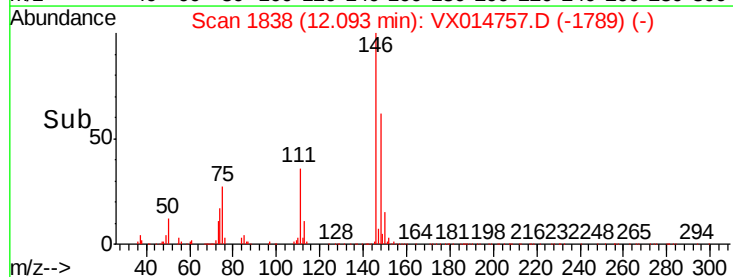
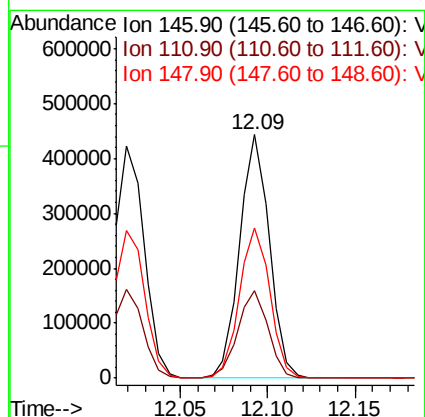
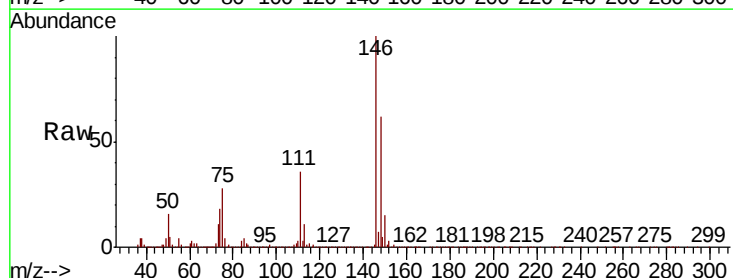
Instrument :
 MSVOA_X
 ClientSampleId :

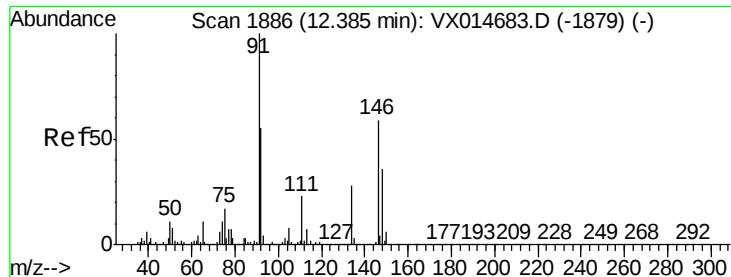
Tot Ion:146 Resp: 516373
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.0 57.0
 148 64.3 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 49.131 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014757.D
 Acq: 28 Jan 2020 17:49

Tgt Ion:146 Resp: 521318
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.6 55.8
 148 63.5 32.0 96.2

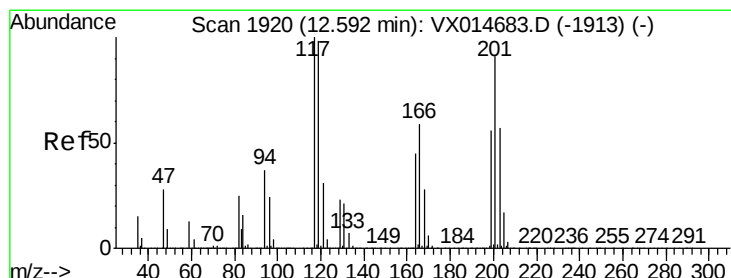
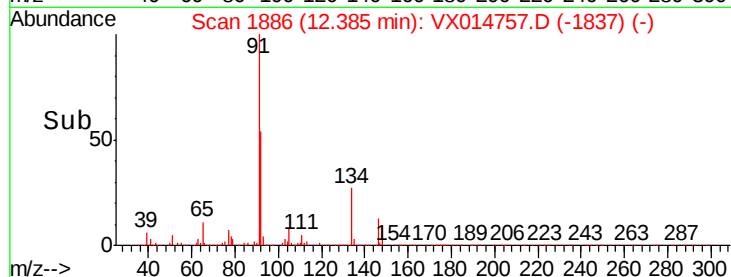
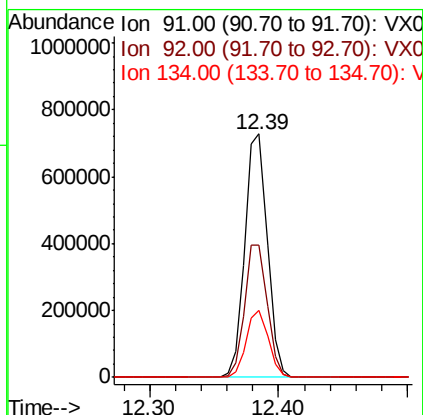
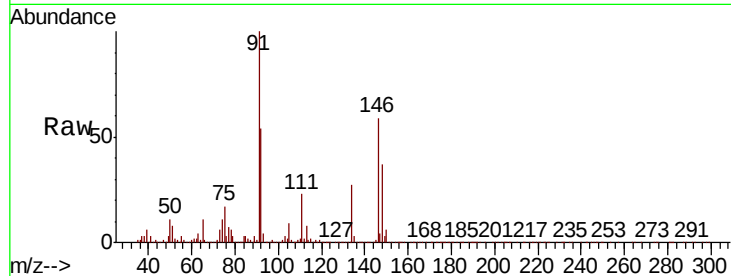




#89
n-Butylbenzene
Concen: 51.628 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

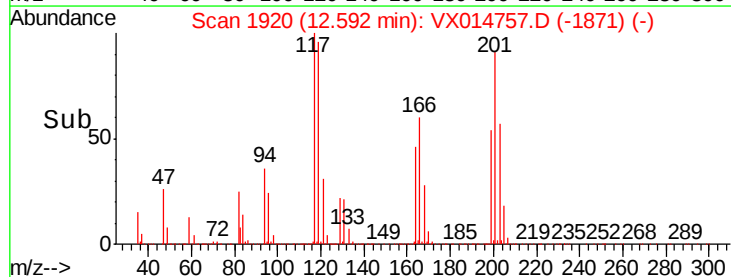
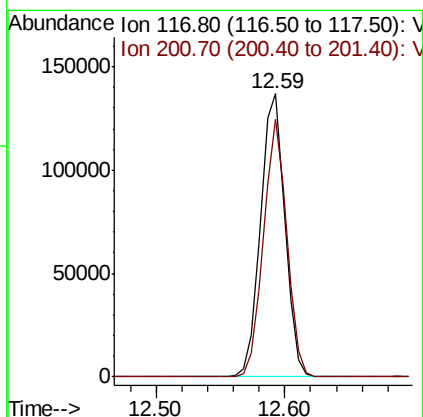
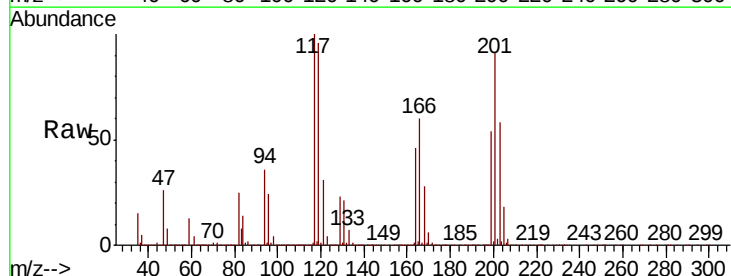
Instrument :
MSVOA_X
ClientSampleId :

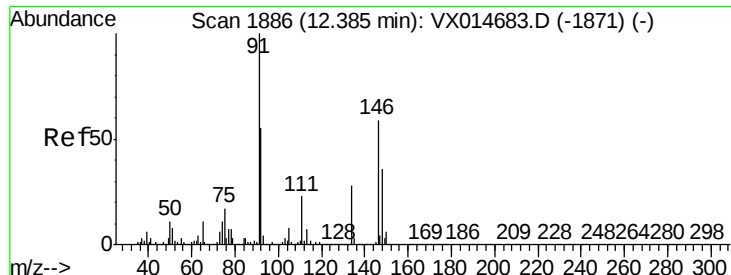
Tot Ion: 91 Resp: 871074
Ion Ratio Lower Upper
91 100
92 55.1 27.6 82.7
134 26.9 13.3 39.8



#90
Hexachloroethane
Concen: 49.273 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion: 117 Resp: 177295
Ion Ratio Lower Upper
117 100
201 87.8 44.4 133.1





#91

1,2-Dichlorobenzene

Concen: 49.516 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

Instrument :

MSVOA_X

ClientSampled :

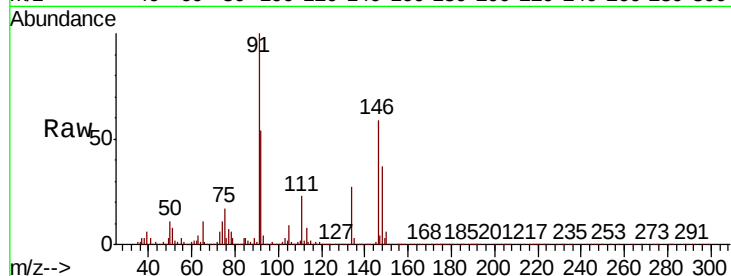
Tot Ion:146 Resp: 520942

Ion Ratio Lower Upper

146 100

111 39.9 19.6 58.8

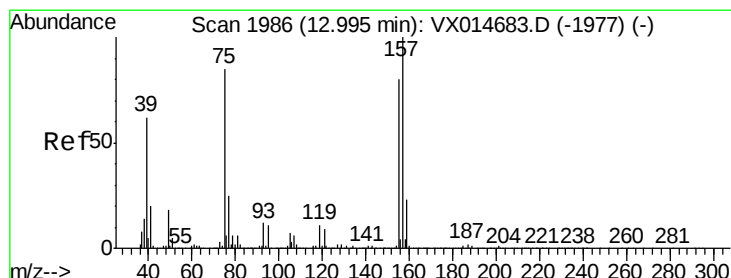
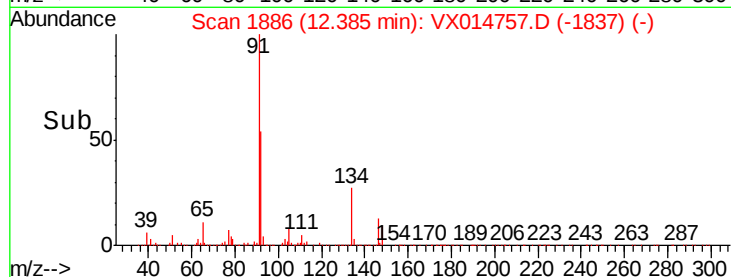
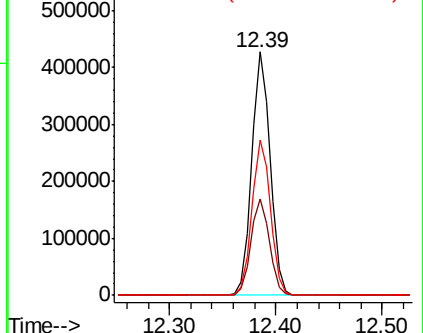
148 64.2 31.9 95.9



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: 47.611 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014757.D

Acq: 28 Jan 2020 17:49

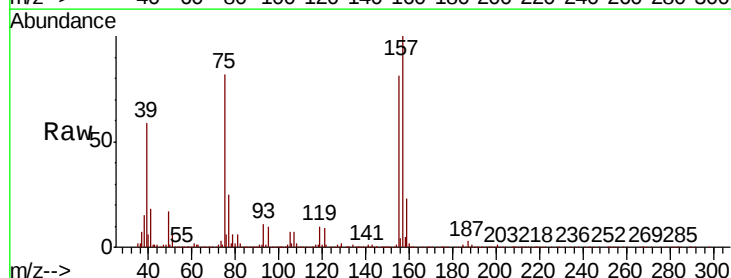
Tgt Ion: 75 Resp: 80131

Ion Ratio Lower Upper

75 100

155 97.6 45.6 136.9

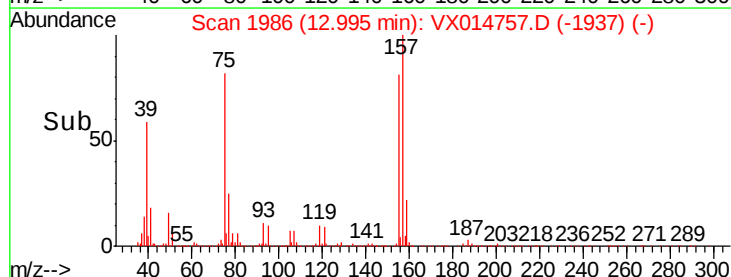
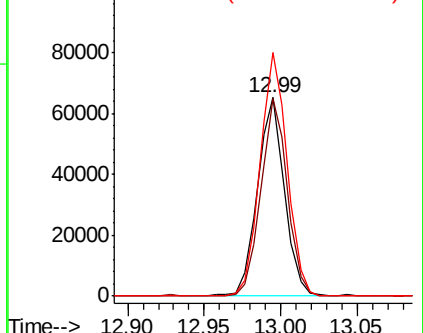
157 122.5 60.3 180.9



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

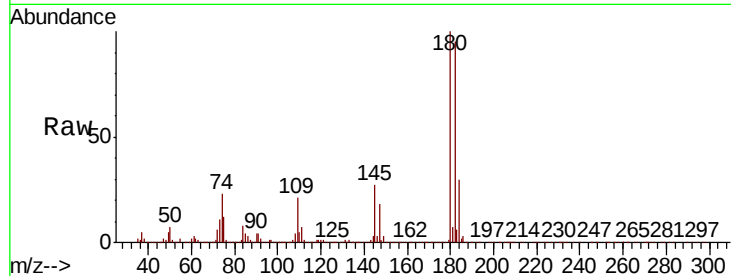




#93
 1,2,4-Trichlorobenzene
 Concen: 52.989 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014757.D
 Acq: 28 Jan 2020 17:49

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.5	145.6
145	27.6	14.0	41.9

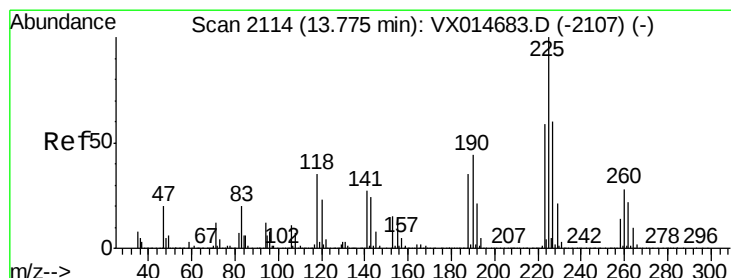
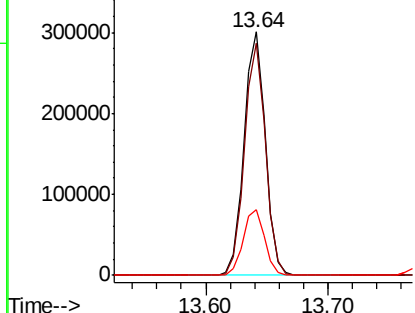
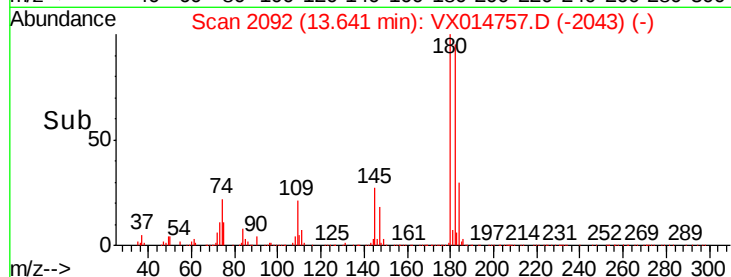


Abundance

Ion 179.80 (179.50 to 180.50): V

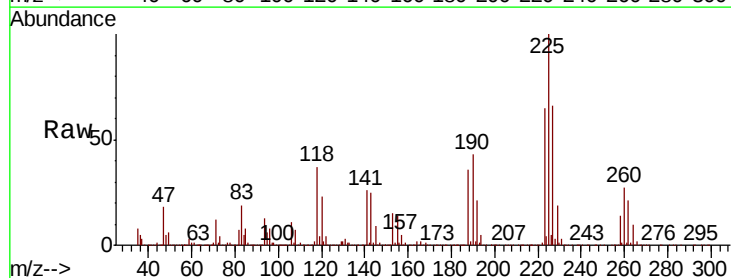
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 49.399 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014757.D
 Acq: 28 Jan 2020 17:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	30.6	91.8
227	64.3	31.4	94.0

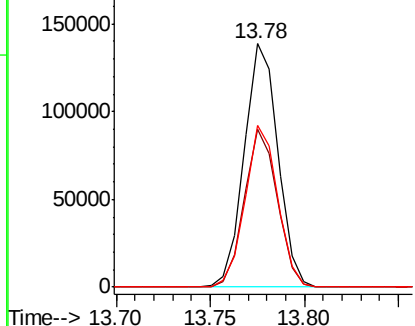
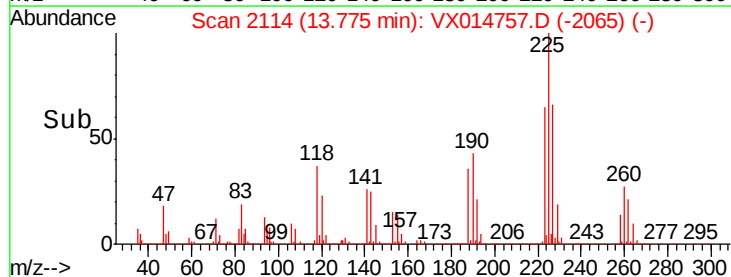


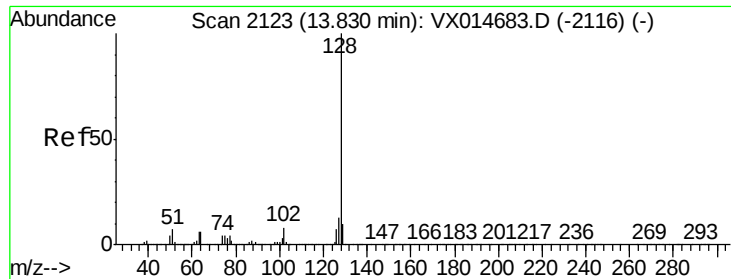
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

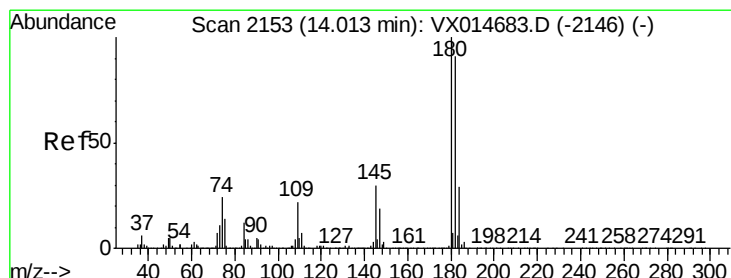
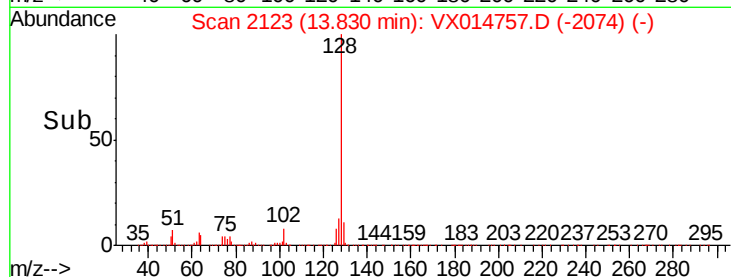
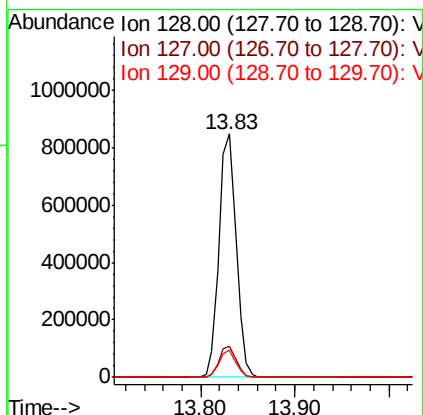
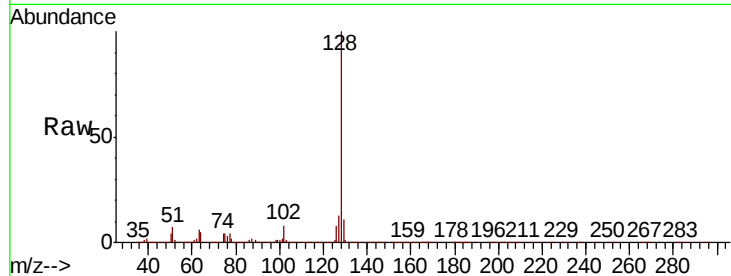




#95
Naphthalene
Concen: 49.366 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1079521
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 52.640 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014757.D
Acq: 28 Jan 2020 17:49

Tgt Ion:180 Resp: 361032
Ion Ratio Lower Upper
180 100
182 94.6 46.6 139.7
145 29.7 14.7 44.1

