

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022020\
 Data File : VX014968.D
 Acq On : 20 Feb 2020 09:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 21 00:30:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	451426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	659243	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	614521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	326119	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	237316	46.58	ug/l	0.00
Spiked Amount			Recovery	=	93.16%	
35) Dibromofluoromethane	5.48	113	196468	48.48	ug/l	-0.01
Spiked Amount			Recovery	=	96.96%	
50) Toluene-d8	8.71	98	744328	48.11	ug/l	0.00
Spiked Amount			Recovery	=	96.22%	
62) 4-Bromofluorobenzene	11.13	95	272104	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	208995	48.887	ug/l	100
3) Chloromethane	1.32	50	230272	47.510	ug/l	100
4) Vinyl Chloride	1.41	62	243112	46.562	ug/l	98
5) Bromomethane	1.63	94	159011	47.049	ug/l	99
6) Chloroethane	1.72	64	156573	46.866	ug/l	100
7) Trichlorofluoromethane	1.92	101	350043	47.984	ug/l	98
8) Diethyl Ether	2.18	74	143360	47.390	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	204412	48.274	ug/l	98
10) Methyl Iodide	2.50	142	231760	49.174	ug/l	99
11) Tert butyl alcohol	3.02	59	205274	228.199	ug/l	99
12) 1,1-Dichloroethene	2.37	96	197791	47.801	ug/l	98
13) Acrolein	2.28	56	145687	212.497	ug/l	98
14) Allyl chloride	2.72	41	343258	46.790	ug/l	100
15) Acrylonitrile	3.12	53	544344	238.705	ug/l	99
16) Acetone	2.43	43	732161	268.333	ug/l	100
17) Carbon Disulfide	2.56	76	510650	44.170	ug/l	100
18) Methyl Acetate	2.76	43	254346	49.569	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	658841	48.925	ug/l	98
20) Methylene Chloride	2.85	84	222847	45.470	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	209516	45.889	ug/l	100
22) Diisopropyl ether	3.84	45	708469	50.564	ug/l	96
23) Vinyl Acetate	3.80	43	2979486	257.958	ug/l	99
24) 1,1-Dichloroethane	3.69	63	384736	48.653	ug/l	99
25) 2-Butanone	4.65	43	885413	255.275	ug/l	99
26) 2,2-Dichloropropane	4.57	77	325982	47.834	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	245854	48.172	ug/l	98
28) Bromochloromethane	5.00	49	157183	51.282	ug/l	99
29) Tetrahydrofuran	5.11	42	476416	241.627	ug/l	99
30) Chloroform	5.20	83	383654	48.900	ug/l	100
31) Cyclohexane	5.57	56	341943	47.476	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	332871	48.502	ug/l	100
36) 1,1-Dichloropropene	5.79	75	289214	49.043	ug/l	99
37) Ethyl Acetate	4.81	43	299702	48.727	ug/l	99
38) Carbon Tetrachloride	5.77	117	288147	50.139	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	362848	49.198	ug/l	98
40) Benzene	6.13	78	865072	49.097	ug/l	99
41) Methacrylonitrile	5.02	41	169440	51.137	ug/l	99
42) 1,2-Dichloroethane	6.18	62	313931	49.297	ug/l	99
43) Isopropyl Acetate	6.43	43	504036	49.677	ug/l	99
44) Trichloroethene	7.20	130	247921	48.470	ug/l	100
45) 1,2-Dichloropropane	7.50	63	224223	49.899	ug/l	99
46) Dibromomethane	7.65	93	149752	48.754	ug/l	99
47) Bromodichloromethane	7.89	83	306303	50.294	ug/l	97
48) Methyl methacrylate	7.76	41	253073	50.683	ug/l	100
49) 1,4-Dioxane	7.73	88	93974	1006.587	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1535361	250.609	ug/l	99
52) Toluene	8.78	92	553800	49.487	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	335640	50.286	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	370813	50.290	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	229080	50.596	ug/l	98
56) Ethyl methacrylate	9.17	69	347579	51.074	ug/l	100
57) 1,3-Dichloropropane	9.36	76	377322	49.508	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	924548	259.770	ug/l	99
59) 2-Hexanone	9.48	43	1261827	262.033	ug/l	100
60) Dibromochloromethane	9.57	129	253217	51.969	ug/l	99
61) 1,2-Dibromoethane	9.67	107	238060	48.731	ug/l	100
64) Tetrachloroethene	9.33	164	256142	44.581	ug/l	99
65) Chlorobenzene	10.13	112	607098	48.708	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	229294	50.672	ug/l	100
67) Ethyl Benzene	10.25	91	1076165	50.768	ug/l	99
68) m/p-Xylenes	10.36	106	825719	101.116	ug/l	98
69) o-Xylene	10.69	106	394825	50.298	ug/l	100
70) Styrene	10.70	104	686540	51.698	ug/l	100
71) Bromoform	10.85	173	191531	50.709	ug/l	99
73) Isopropylbenzene	11.01	105	1068281	52.235	ug/l	99
74) N-amyl acetate	10.89	43	445820	52.464	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	332656	49.759	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	391053	66.311	ug/l	92
77) Bromobenzene	11.25	156	278123	48.724	ug/l	100
78) n-propylbenzene	11.35	91	1228575	51.940	ug/l	100
79) 2-Chlorotoluene	11.42	91	715414	51.447	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	897951	52.548	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	113801	49.395	ug/l	97
82) 4-Chlorotoluene	11.50	91	832406	50.548	ug/l	100
83) tert-Butylbenzene	11.76	119	864568	53.428	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	905159	52.561	ug/l	100
85) sec-Butylbenzene	11.94	105	1059759	52.718	ug/l	99
86) p-Isopropyltoluene	12.06	119	984960	52.359	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	507486	49.558	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	508783	48.653	ug/l	99
89) n-Butylbenzene	12.38	91	869127	51.587	ug/l	100
90) Hexachloroethane	12.59	117	175913	53.548	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	502207	50.009	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	71899	45.842	ug/l	99

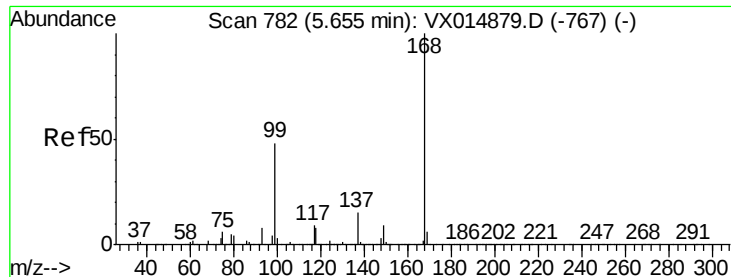
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Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	363443	49.032	ug/l	99
94) Hexachlorobutadiene	13.78	225	181759	50.697	ug/l	98
95) Naphthalene	13.83	128	1031953	52.362	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	361079	50.421	ug/l	99

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

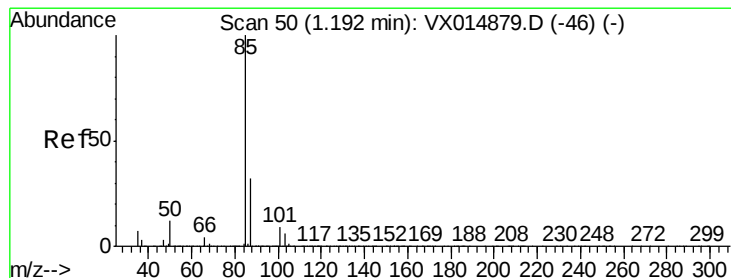
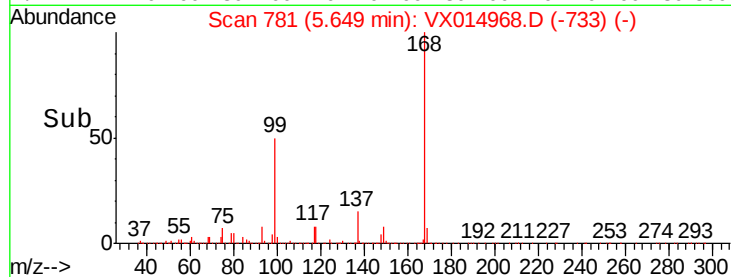
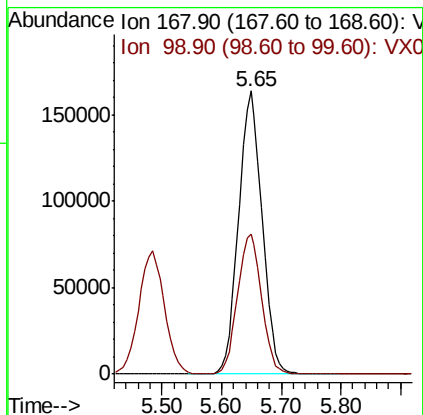
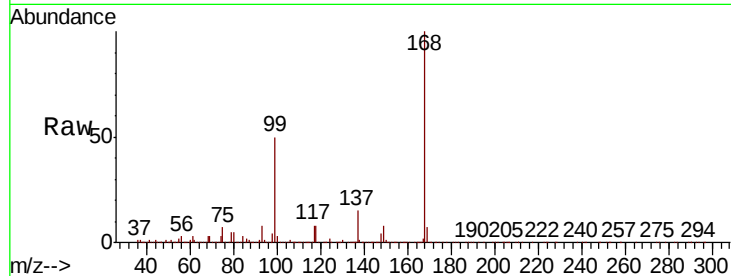


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX014968.D
 Acq: 20 Feb 2020 09:57

Instrument :
 MSVOA_X
 ClientSampleId :

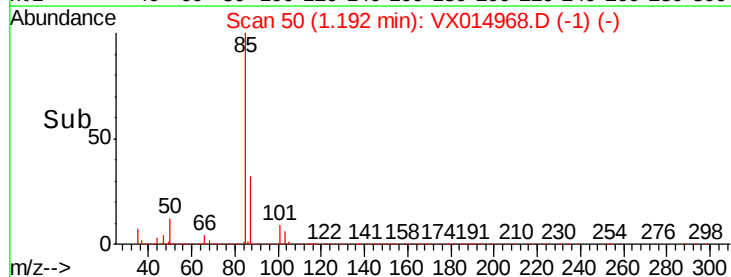
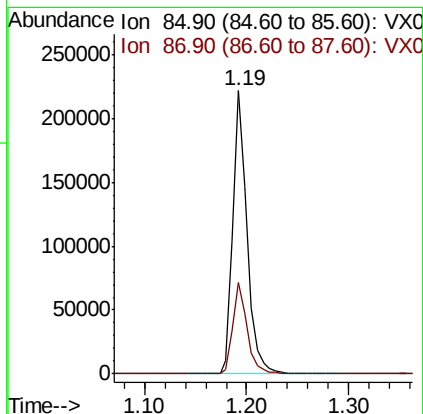
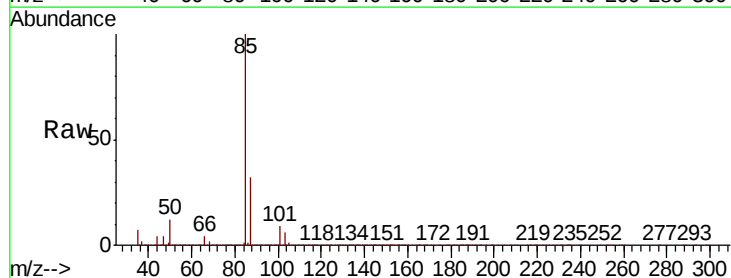
Tot Ion:168 Resp: 451426
 Ion Ratio Lower Upper
 168 100
 99 49.6 38.7 58.1

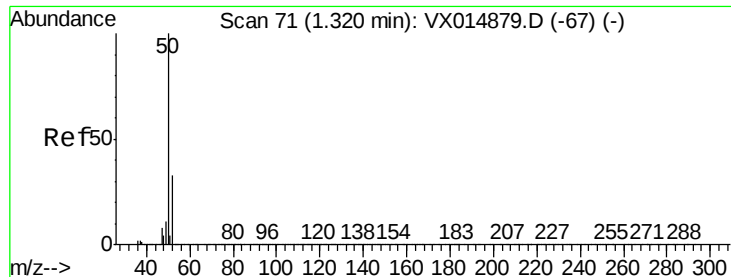


#2

Dichlorodifluoromethane
 Concen: 48.887 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014968.D
 Acq: 20 Feb 2020 09:57

Tgt Ion: 85 Resp: 208995
 Ion Ratio Lower Upper
 85 100
 87 32.2 16.1 48.2

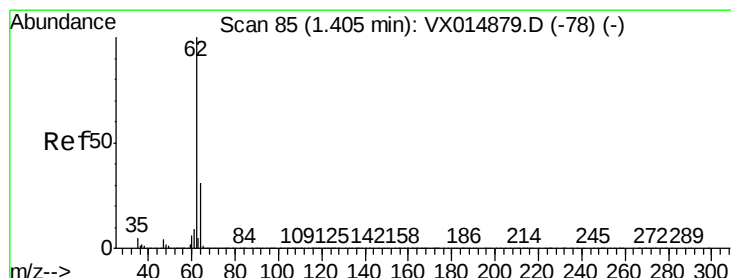
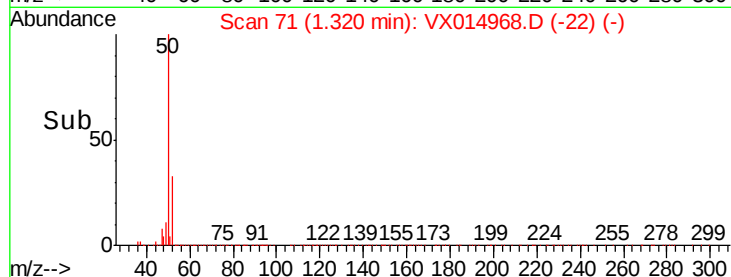
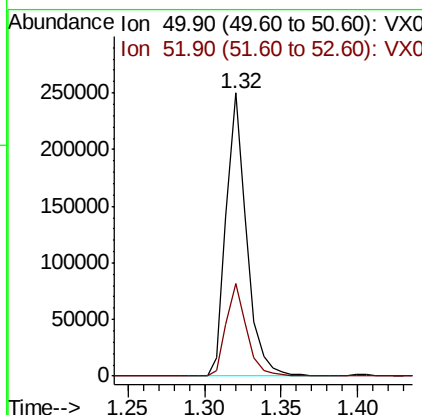
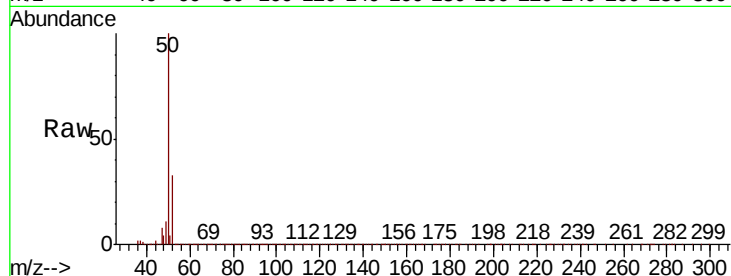




#3
Chloromethane
Concen: 47.510 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

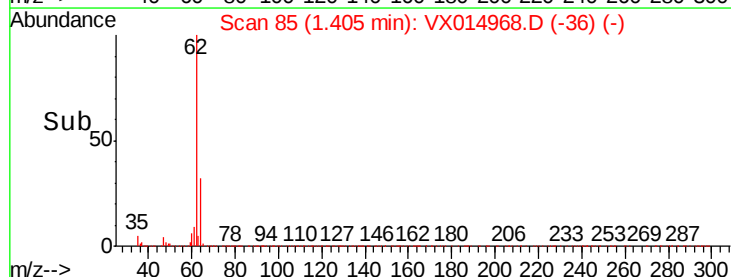
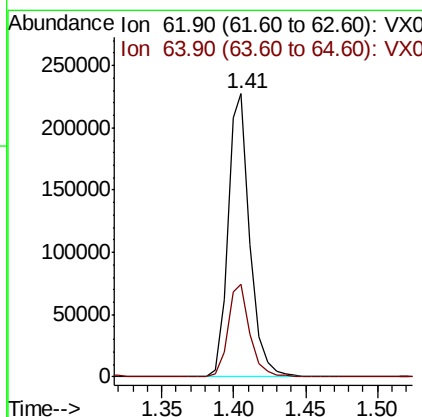
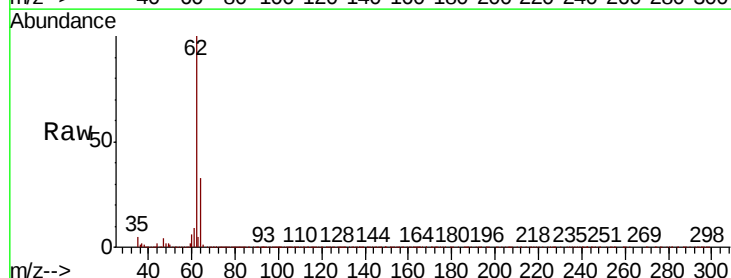
Instrument :
MSVOA_X
ClientSampleId :

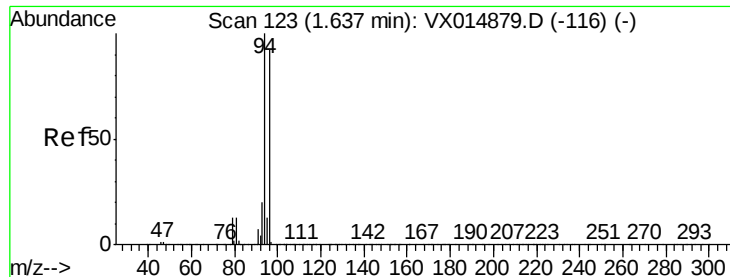
Tot Ion: 50 Resp: 230272
Ion Ratio Lower Upper
50 100
52 32.6 26.2 39.2



#4
Vinyl Chloride
Concen: 46.562 ug/l
RT: 1.41 min Scan# 85
Delta R.T. 0.00 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion: 62 Resp: 243112
Ion Ratio Lower Upper
62 100
64 32.3 24.8 37.2





#5

Bromomethane

Concen: 47.049 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

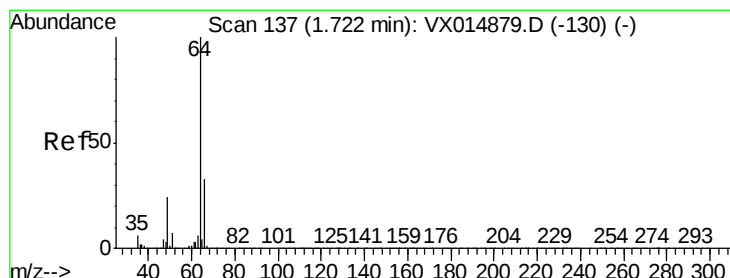
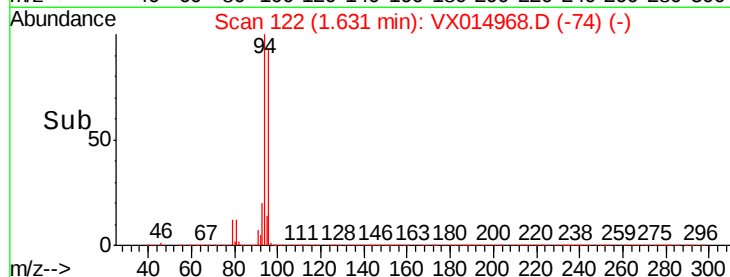
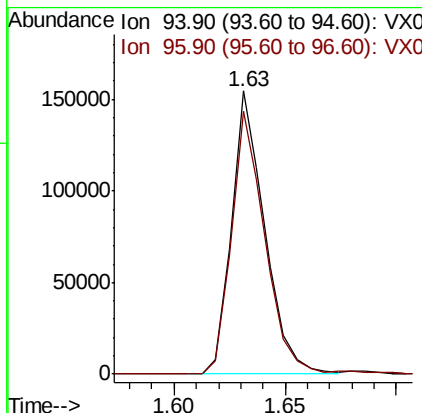
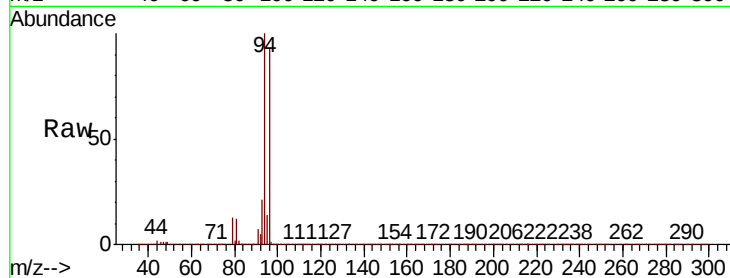
ClientSampleId :

Tot Ion: 94 Resp: 159011

Ion Ratio Lower Upper

94 100

96 92.7 73.7 110.5



#6

Chloroethane

Concen: 46.866 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX014968.D

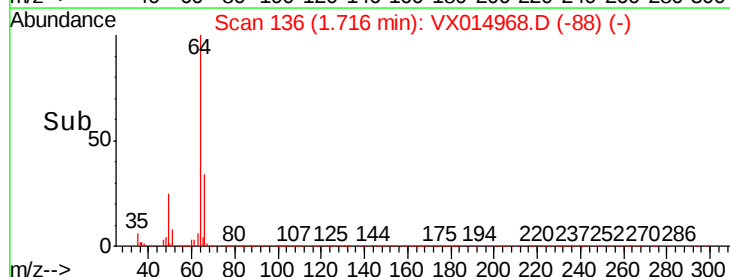
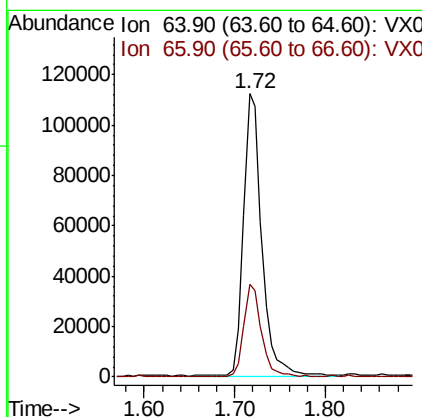
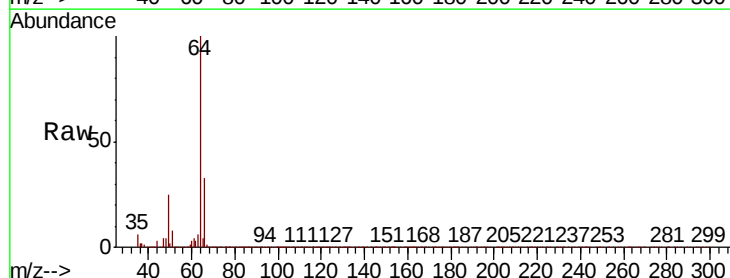
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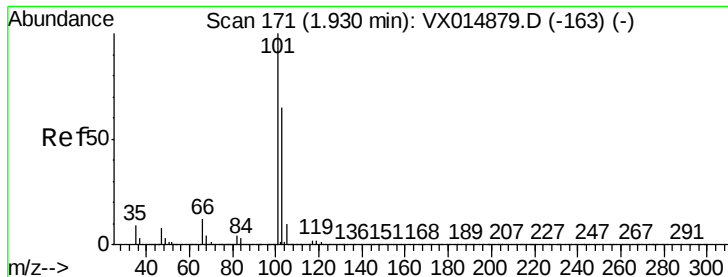
Tgt Ion: 64 Resp: 156573

Ion Ratio Lower Upper

64 100

66 32.6 26.2 39.4



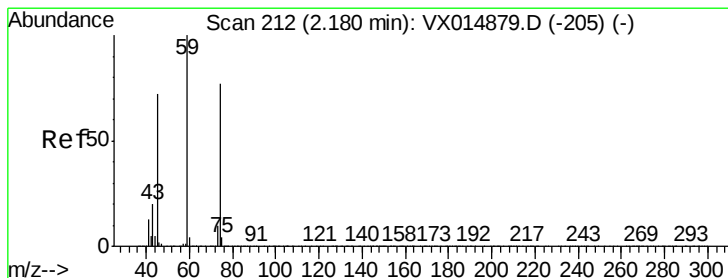
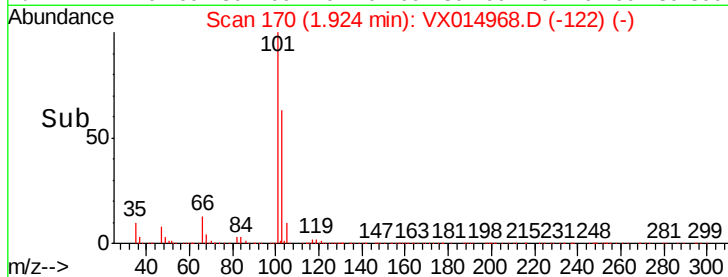
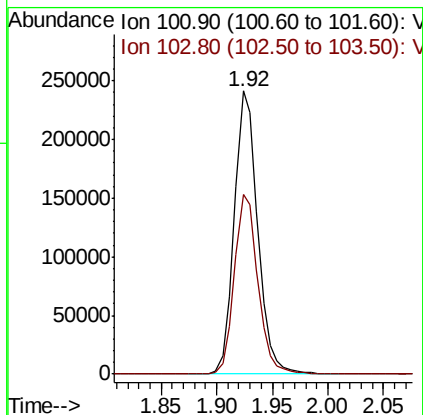
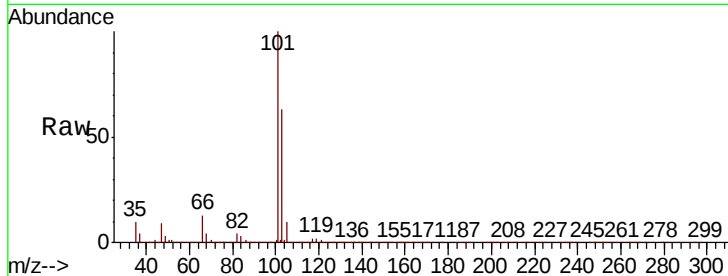


#7

Trichlorofluoromethane
Concen: 47.984 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :

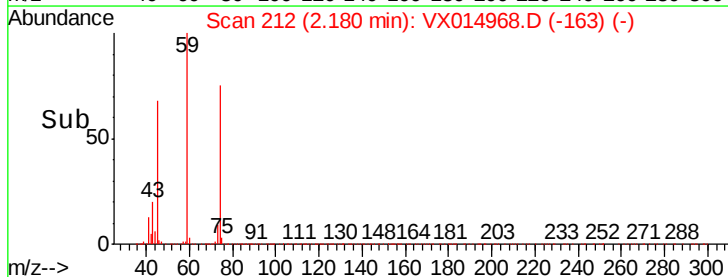
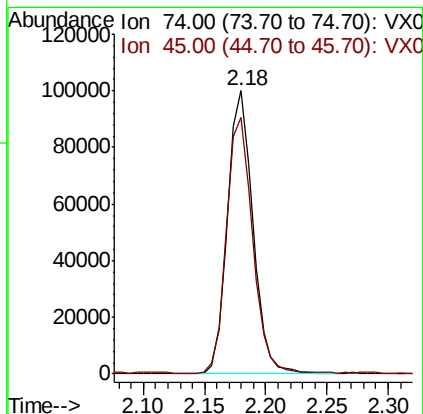
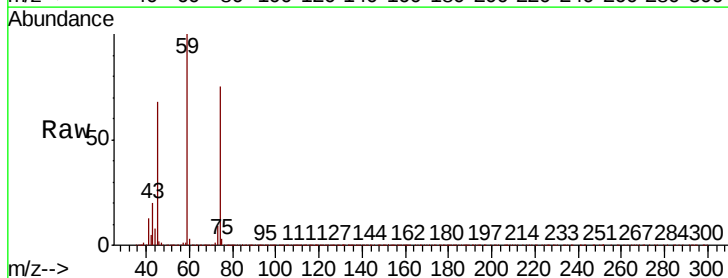
Tot Ion:101 Resp: 350043
Ion Ratio Lower Upper
101 100
103 63.3 52.2 78.4

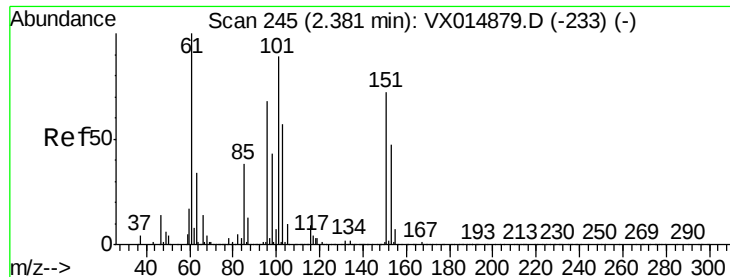


#8

Diethyl Ether
Concen: 47.390 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion: 74 Resp: 143360
Ion Ratio Lower Upper
74 100
45 92.8 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.274 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

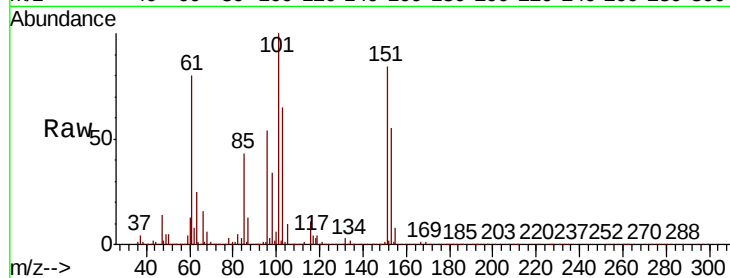
Tot Ion:101 Resp: 204412

Ion Ratio Lower Upper

101 100

85 41.9 34.1 51.1

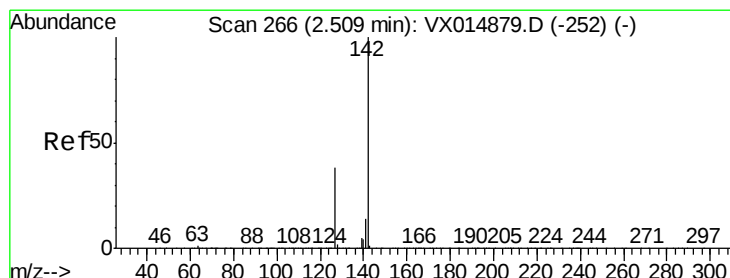
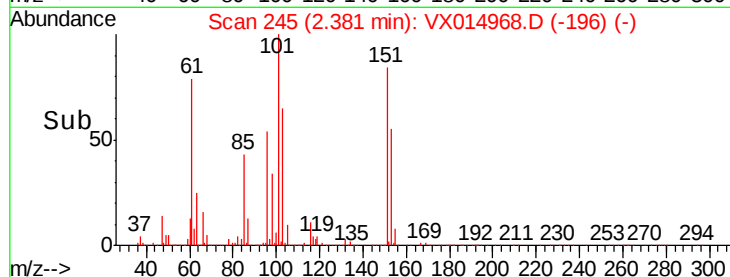
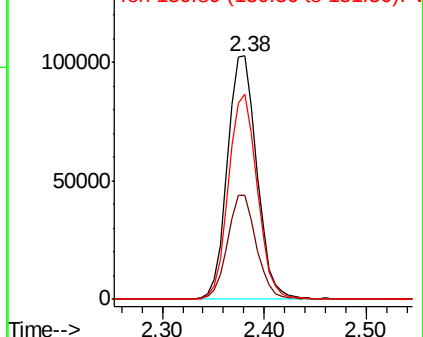
151 82.5 67.3 100.9



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: 49.174 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

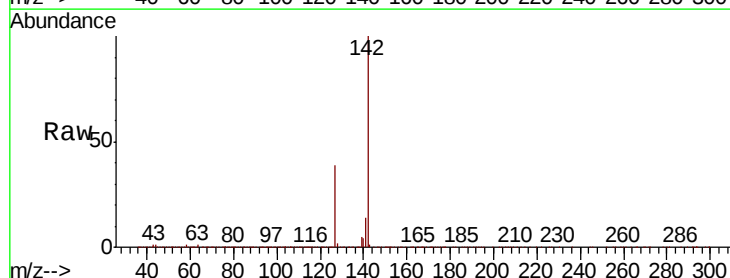
Tgt Ion:142 Resp: 231760

Ion Ratio Lower Upper

142 100

127 39.8 31.1 46.7

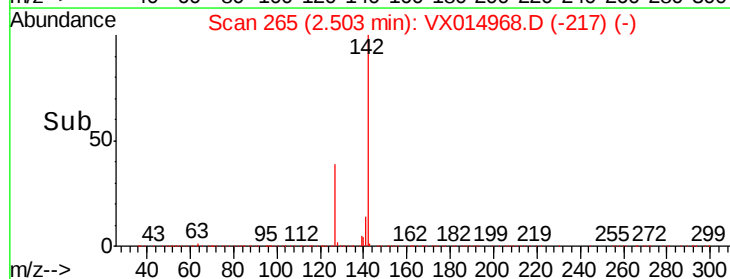
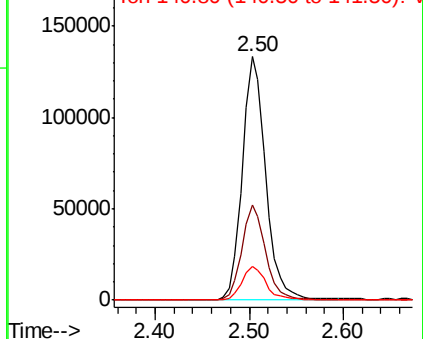
141 14.4 11.3 16.9

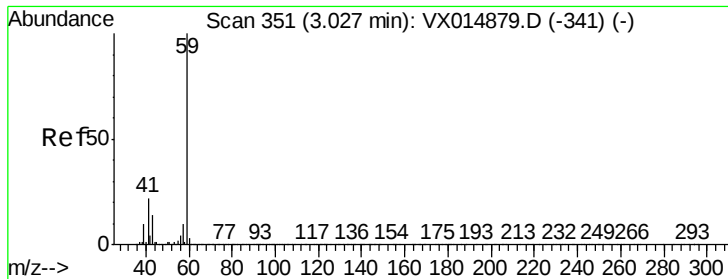


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

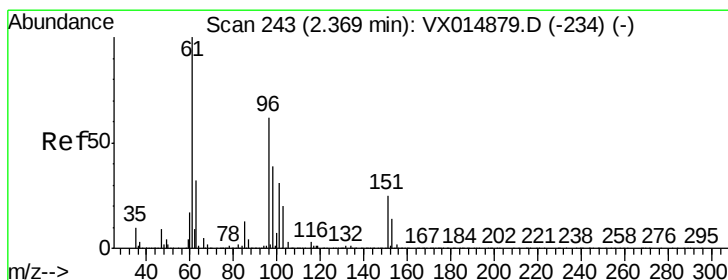
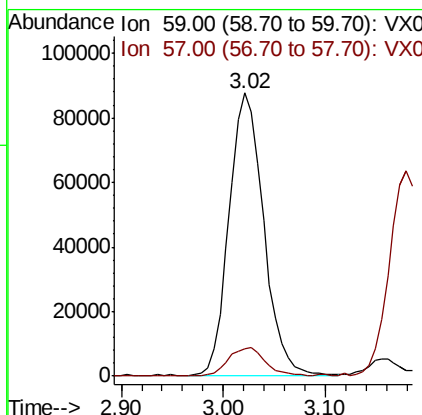
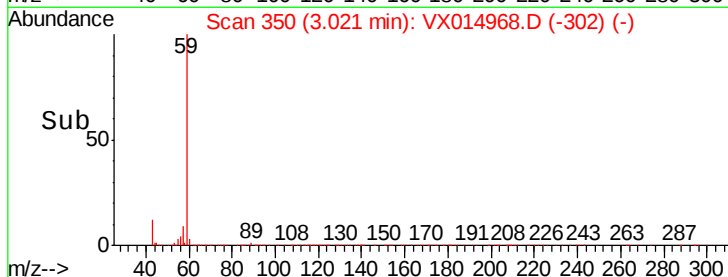
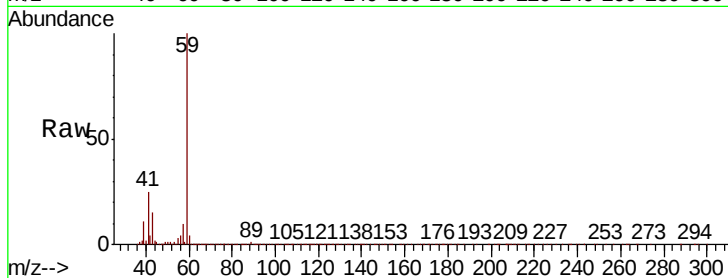




#11
Tert butyl alcohol
Concen: 228.199 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

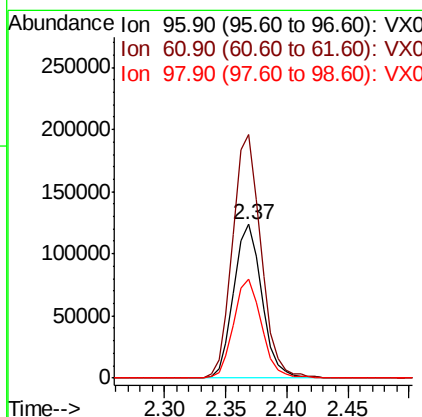
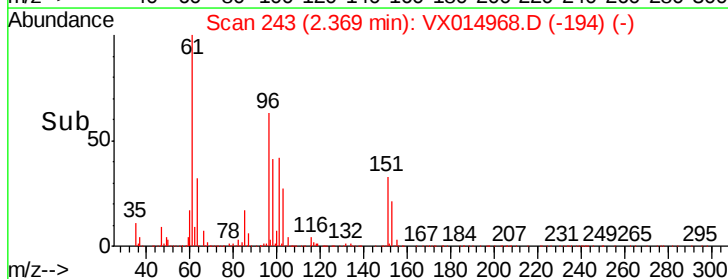
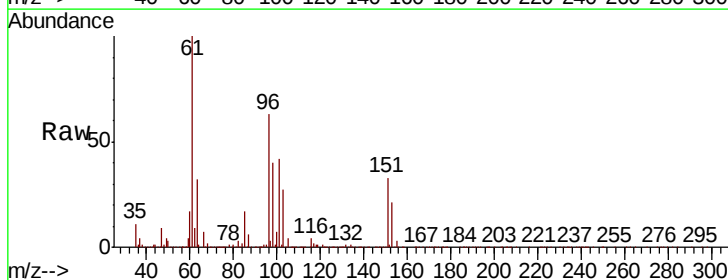
Instrument :
MSVOA_X
ClientSampleId :

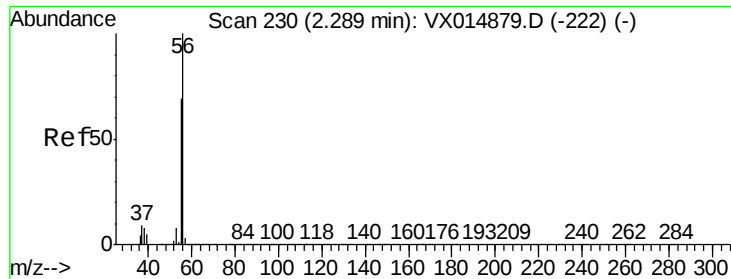
Tot Ion: 59 Resp: 205274
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#12
1,1-Dichloroethene
Concen: 47.801 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion: 96 Resp: 197791
Ion Ratio Lower Upper
96 100
61 158.7 129.5 194.3
98 64.2 50.6 76.0

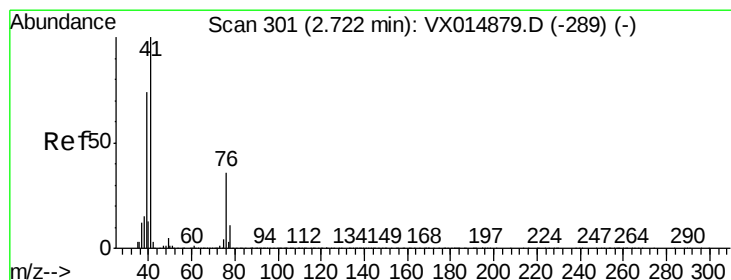
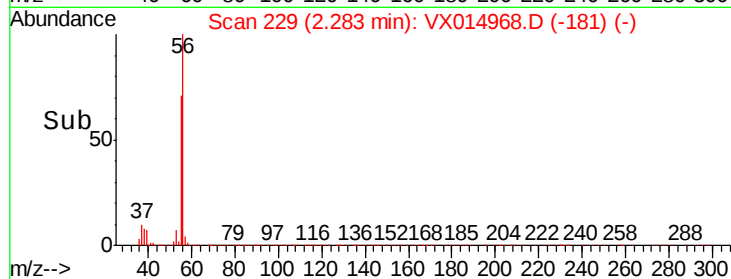
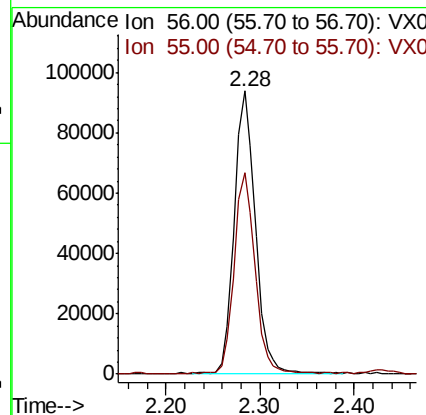
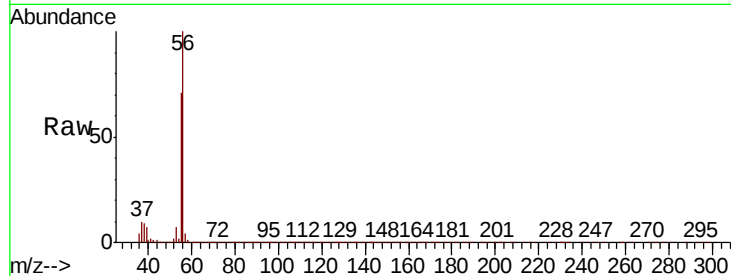




#13
Acrolein
Concen: 212.497 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

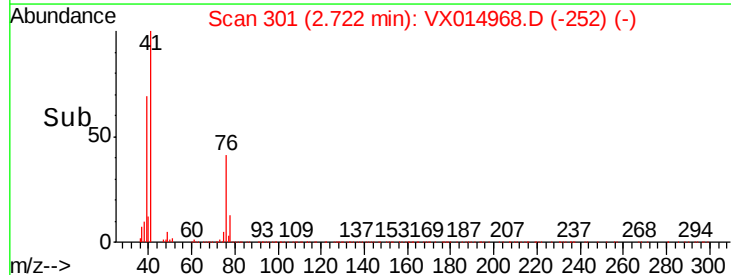
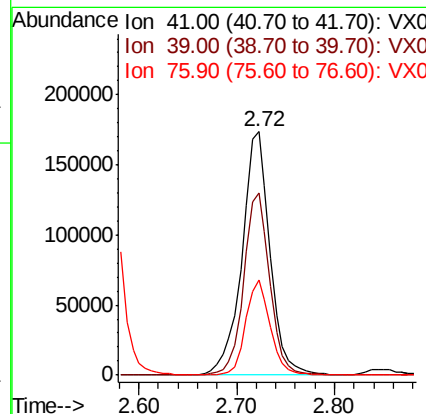
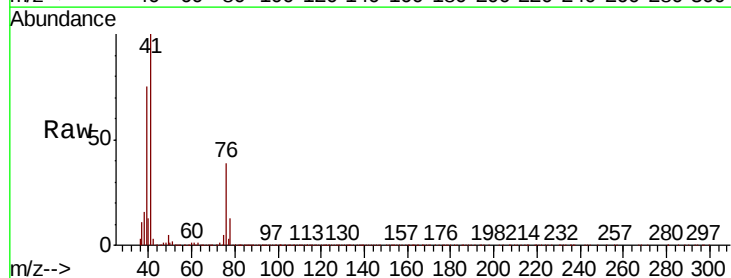
Instrument :
MSVOA_X
ClientSampled :

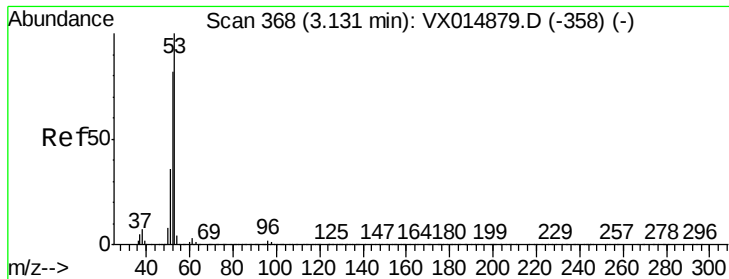
Tot Ion: 56 Resp: 145687
Ion Ratio Lower Upper
56 100
55 70.0 55.0 82.4



#14
Allyl chloride
Concen: 46.790 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion: 41 Resp: 343258
Ion Ratio Lower Upper
41 100
39 69.1 55.2 82.8
76 34.0 26.8 40.2





#15

Acrylonitrile

Concen: 238.705 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

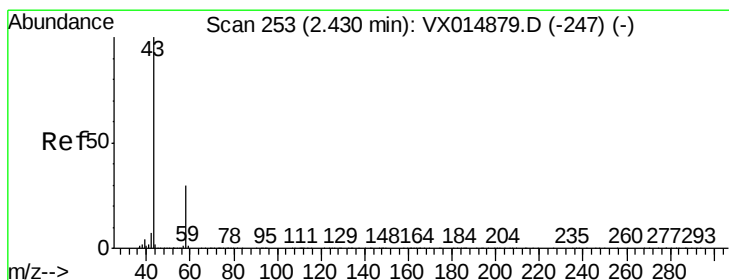
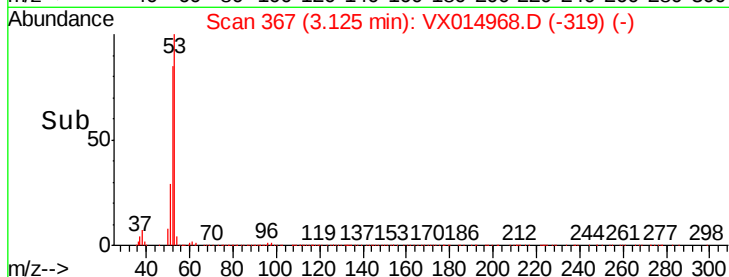
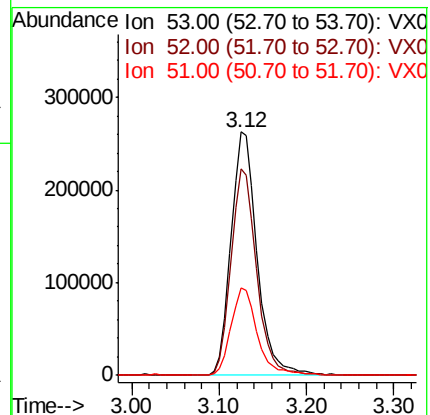
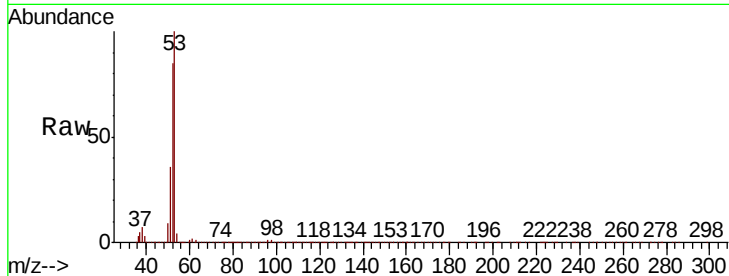
Tot Ion: 53 Resp: 544344

Ion Ratio Lower Upper

53 100

52 83.2 65.8 98.6

51 36.3 29.1 43.7



#16

Acetone

Concen: 268.333 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014968.D

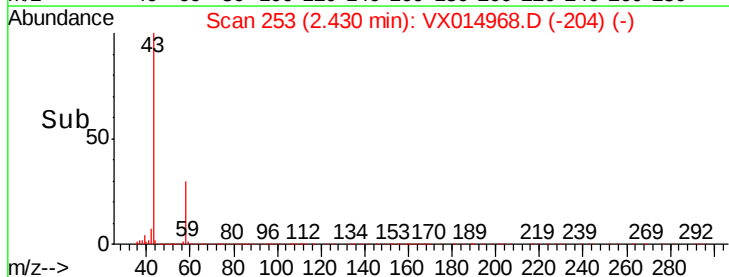
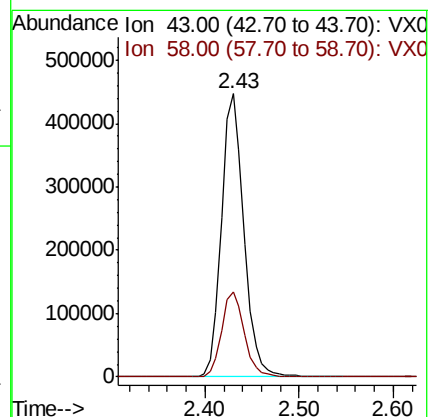
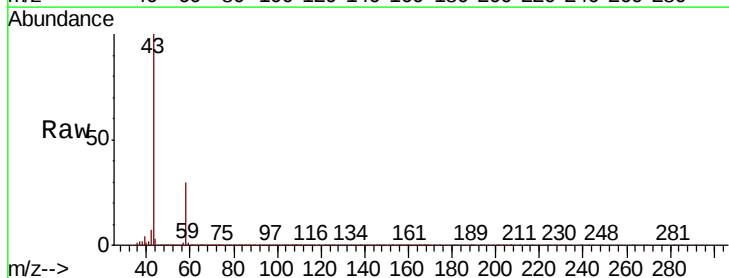
Acq: 20 Feb 2020 09:57

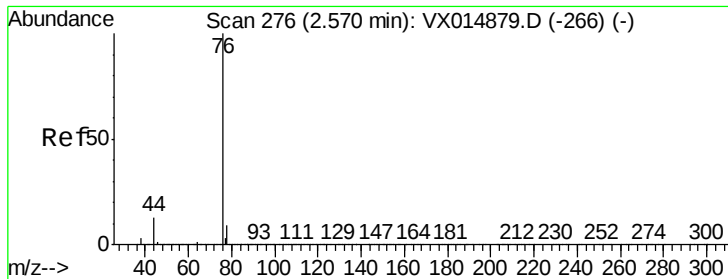
Tgt Ion: 43 Resp: 732161

Ion Ratio Lower Upper

43 100

58 30.0 24.1 36.1

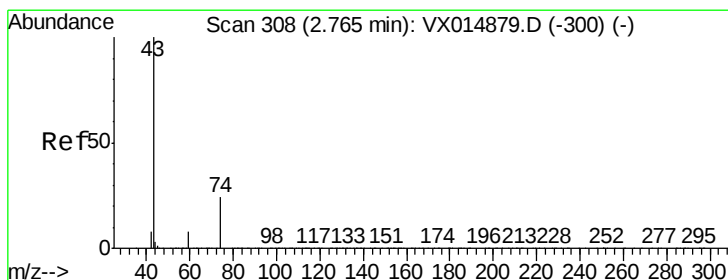
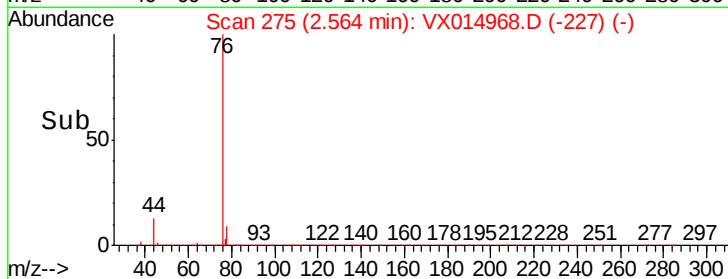
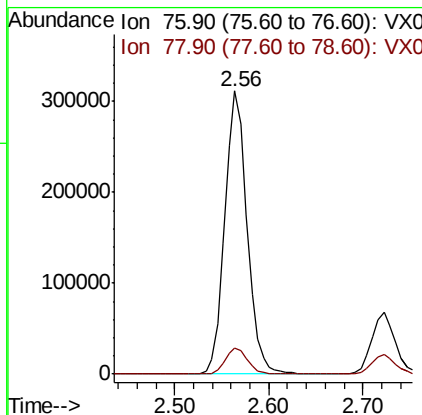
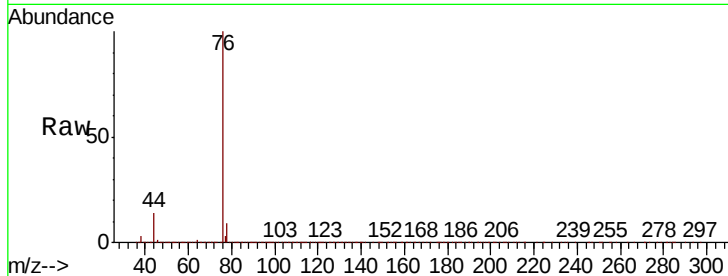




#17
Carbon Disulfide
Concen: 44.170 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

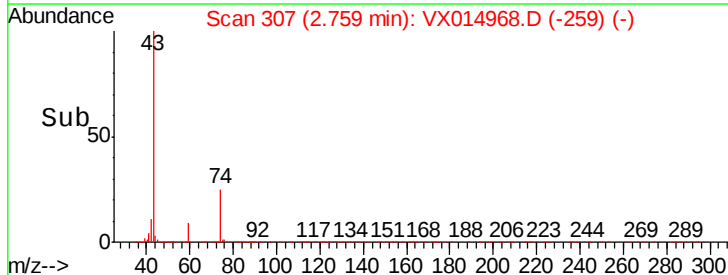
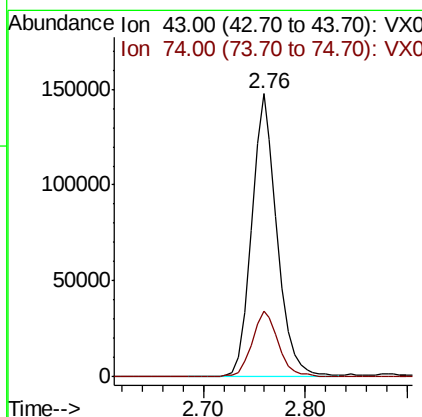
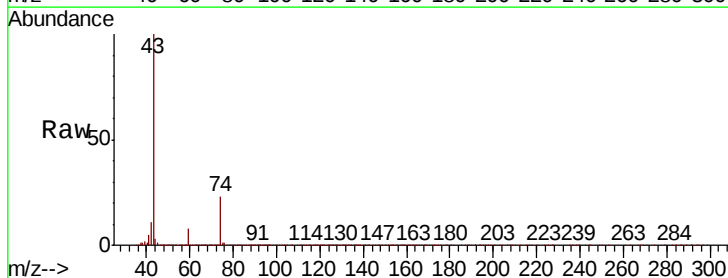
Instrument :
MSVOA_X
ClientSampled :

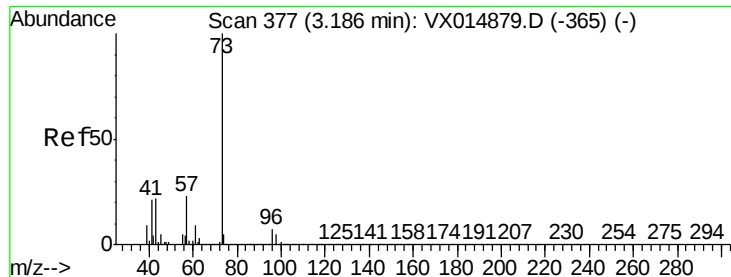
Tot Ion: 76 Resp: 510650
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 49.569 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion: 43 Resp: 254346
Ion Ratio Lower Upper
43 100
74 24.4 19.4 29.0

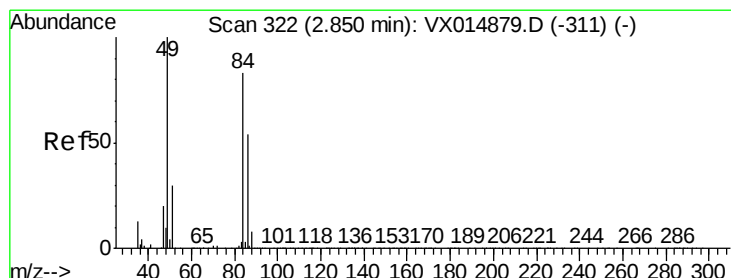
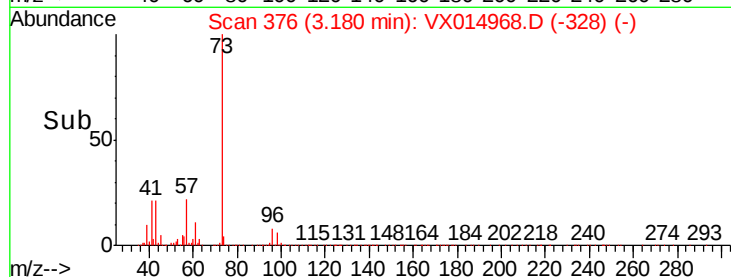
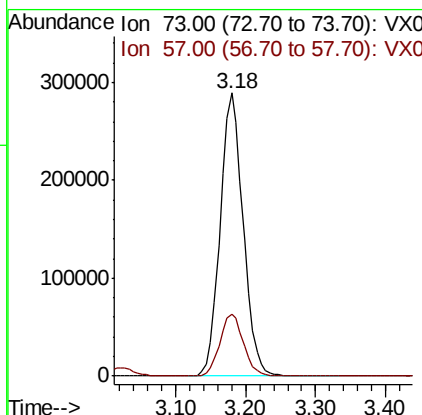
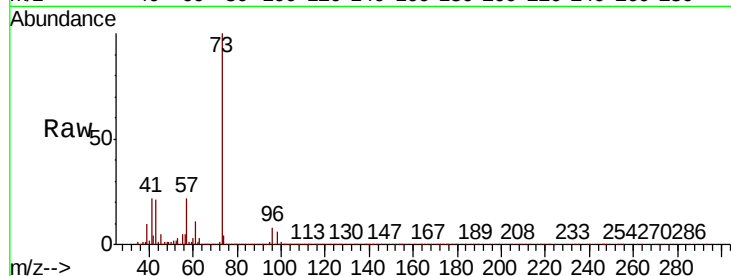




#19
Methvl tert-butvl Ether
Concen: 48.925 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

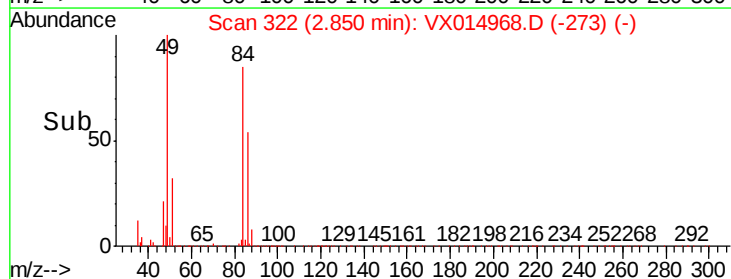
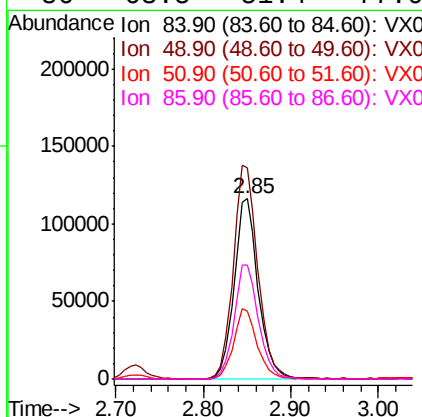
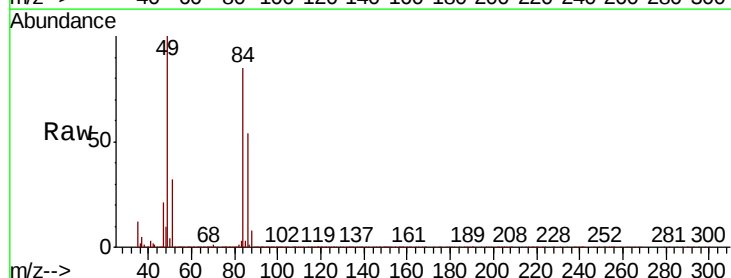
Instrument :
MSVOA_X
ClientSampleId :

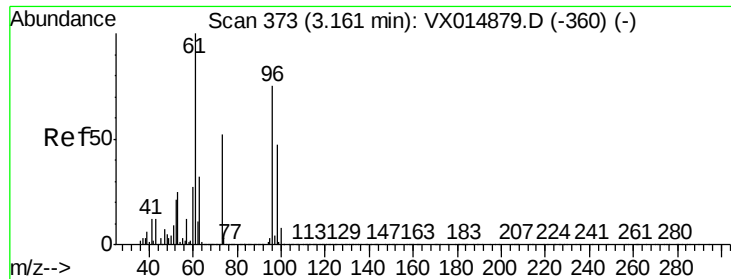
Tot Ion: 73 Resp: 658841
Ion Ratio Lower Upper
73 100
57 22.0 18.2 27.4



#20
Methylene Chloride
Concen: 45.470 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion: 84 Resp: 222847
Ion Ratio Lower Upper
84 100
49 117.3 95.6 143.4
51 37.3 29.0 43.6
86 63.5 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 45.889 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

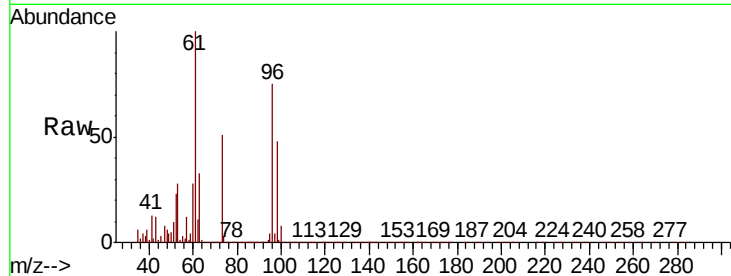
Tot Ion: 96 Resp: 209516

Ion Ratio Lower Upper

96 100

61 133.5 106.9 160.3

98 63.5 50.7 76.1

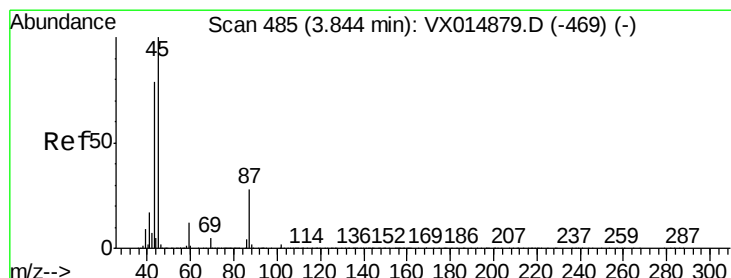
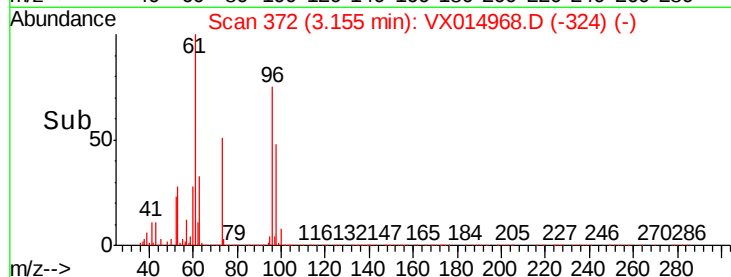
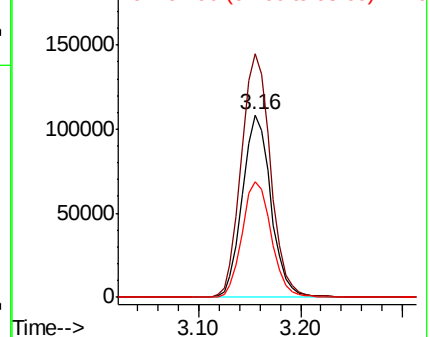


Abundance

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: 50.564 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Tgt Ion: 45 Resp: 708469

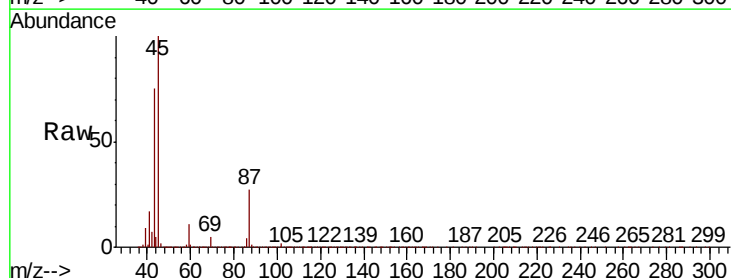
Ion Ratio Lower Upper

45 100

43 75.1 63.5 95.3

87 26.9 22.2 33.4

59 11.4 9.4 14.0



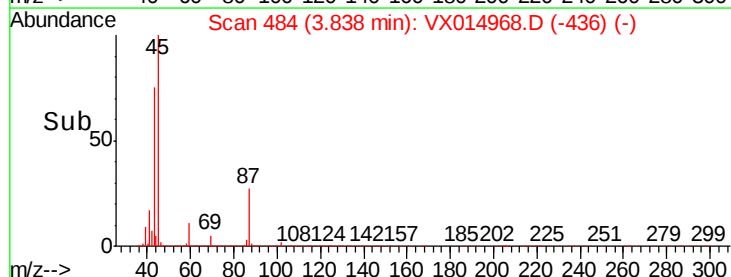
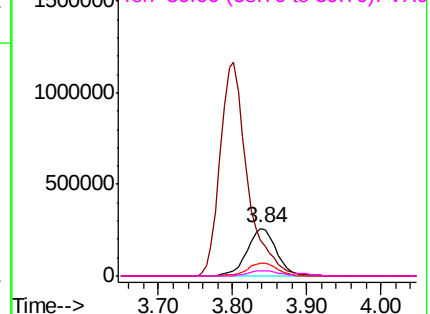
Abundance

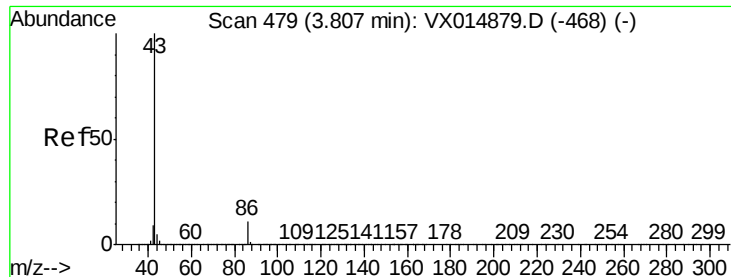
Ion 45.00 (44.70 to 45.70): VX0

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: 257.958 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

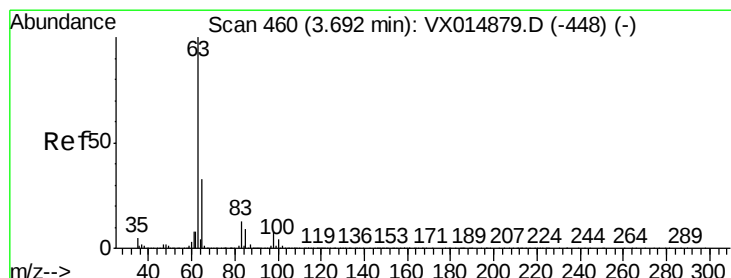
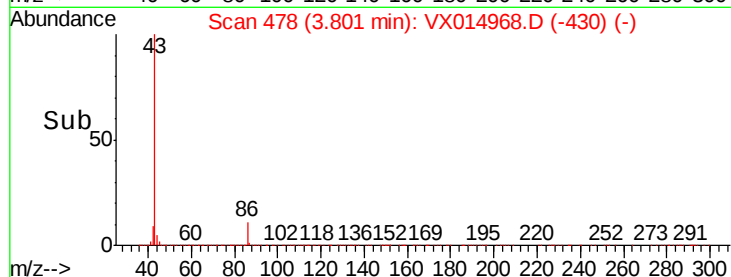
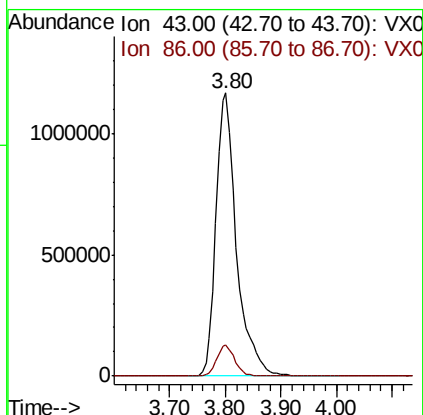
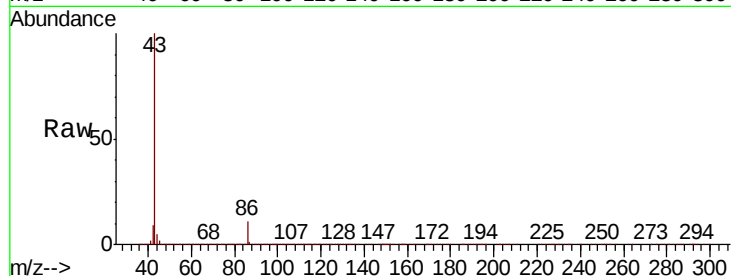
ClientSampled :

Tot Ion: 43 Resp: 2979486

Ion Ratio Lower Upper

43 100

86 10.8 8.9 13.3



#24

1,1-Dichloroethane

Concen: 48.653 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

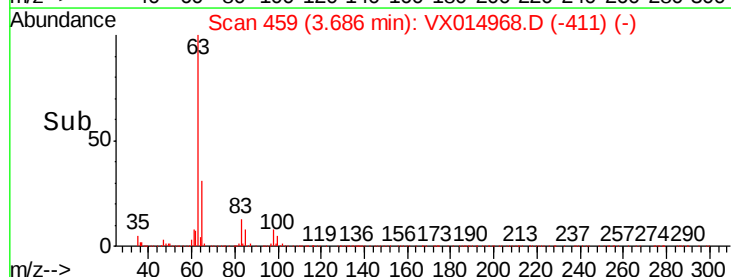
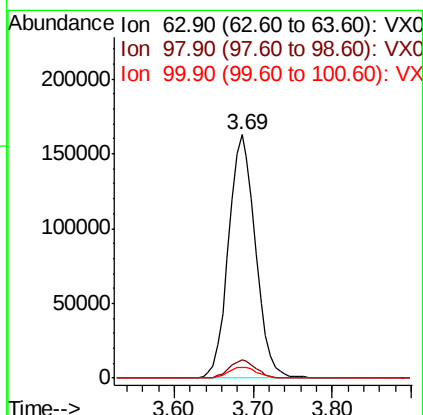
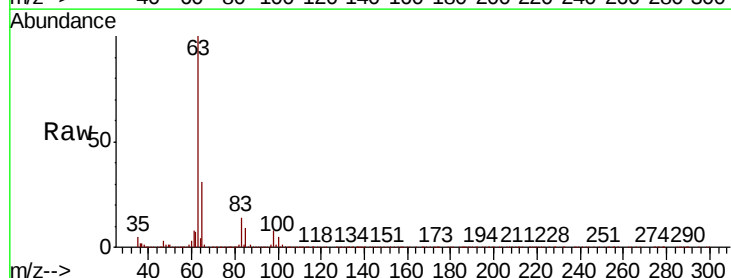
Tgt Ion: 63 Resp: 384736

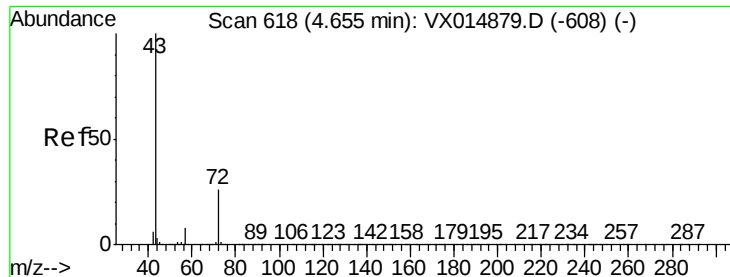
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 4.6 2.2 6.6

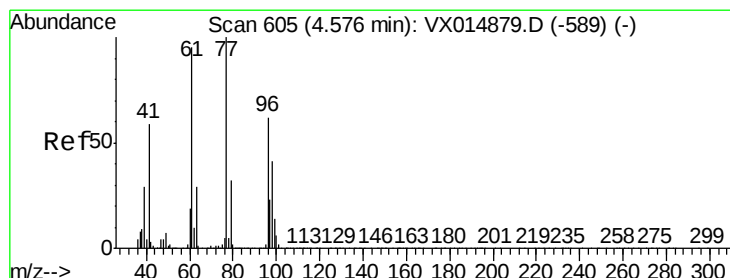
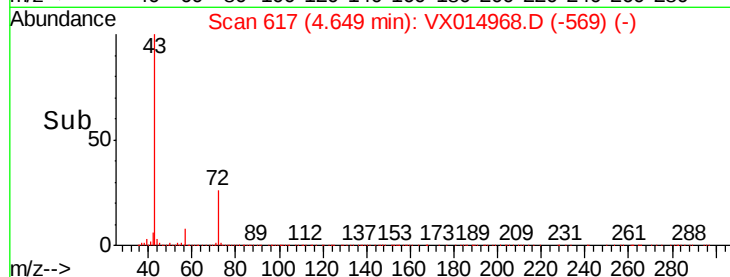
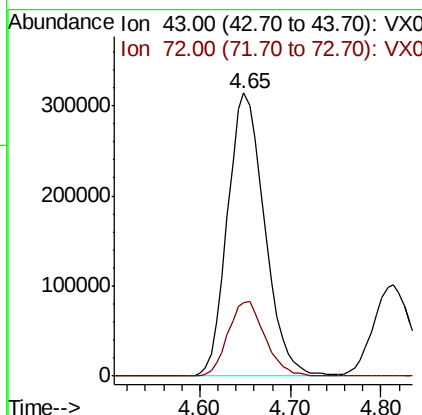
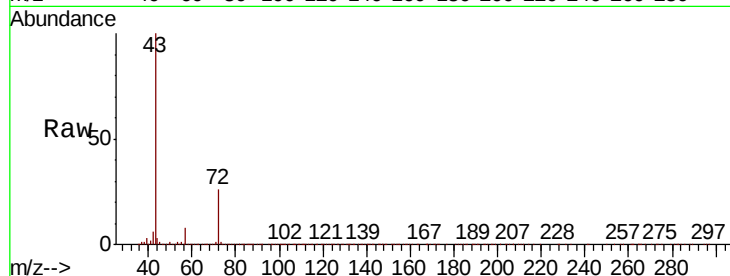




#25
2-Butanone
Concen: 255.275 ug/l
RT: 4.65 min Scan# 617
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

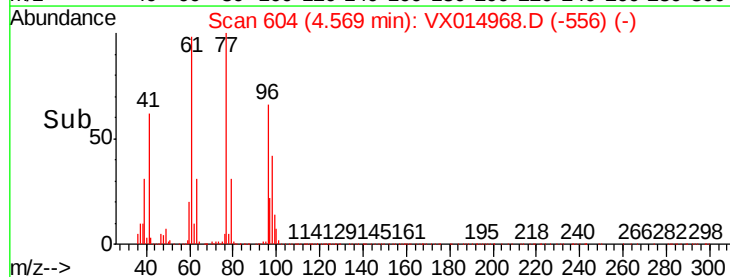
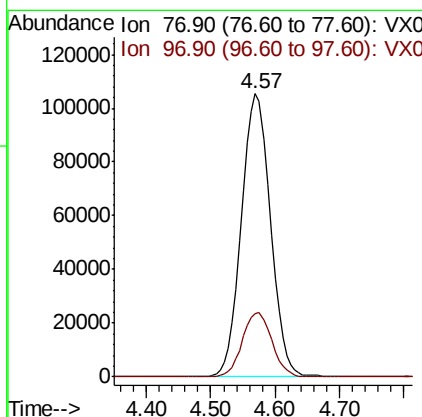
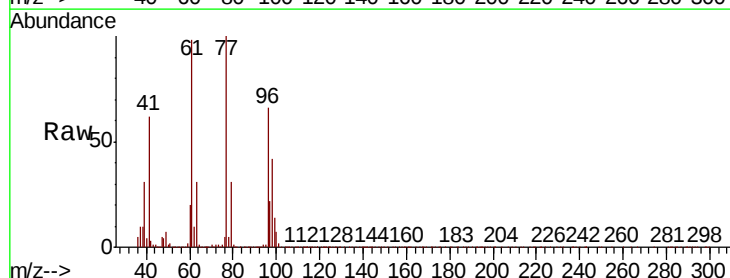
Instrument :
MSVOA_X
ClientSampleId :

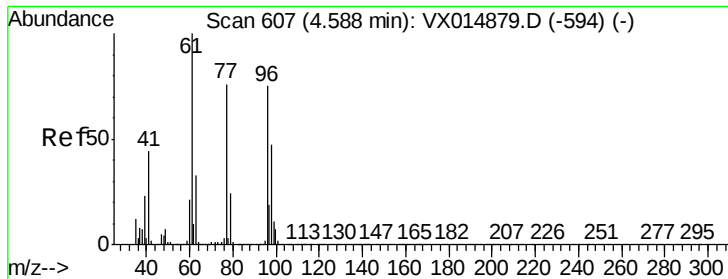
Tot Ion: 43 Resp: 885413
Ion Ratio Lower Upper
43 100
72 25.8 21.0 31.6



#26
2,2-Dichloropropane
Concen: 47.834 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion: 77 Resp: 325982
Ion Ratio Lower Upper
77 100
97 23.2 11.9 35.5



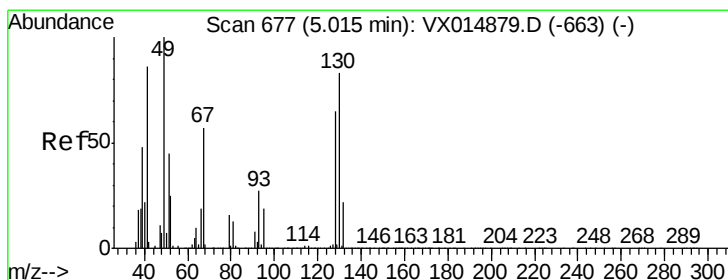
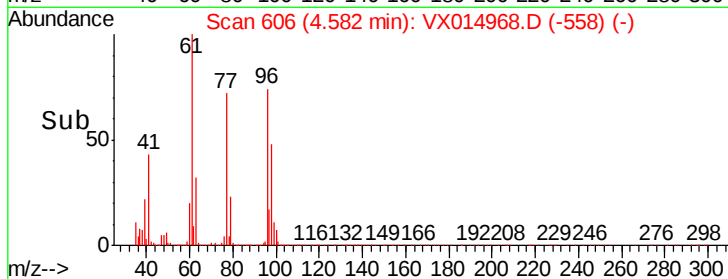
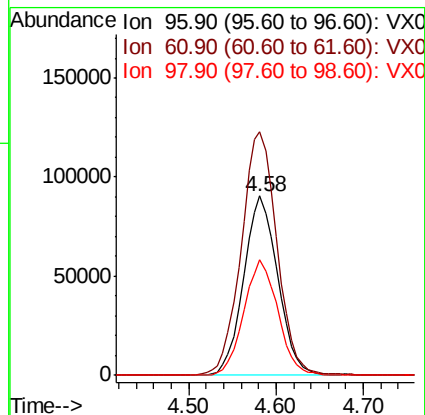
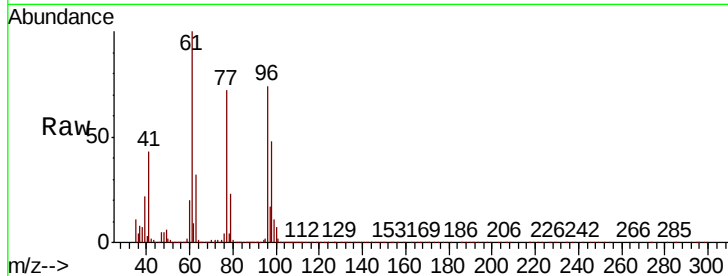


#27

cis-1,2-Dichloroethene
Concen: 48.172 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :

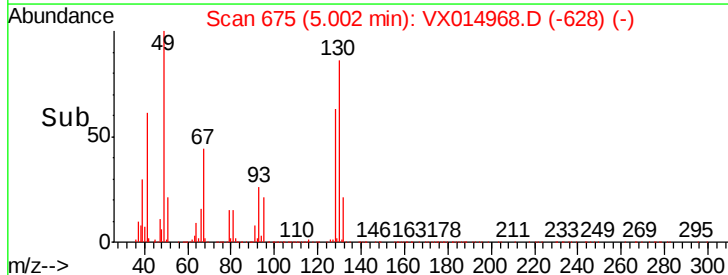
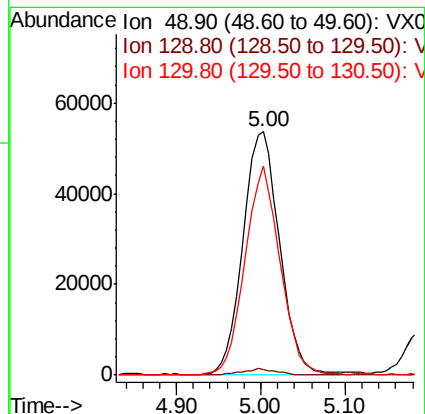
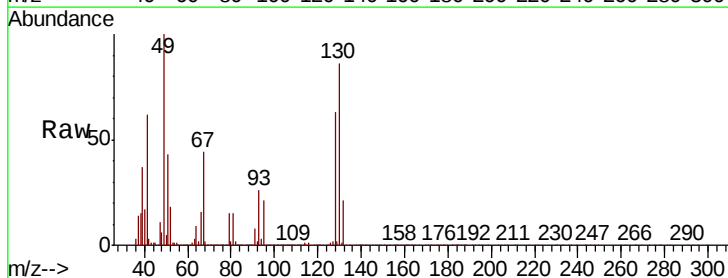
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.4	0.0	286.2
98	64.0	0.0	131.0

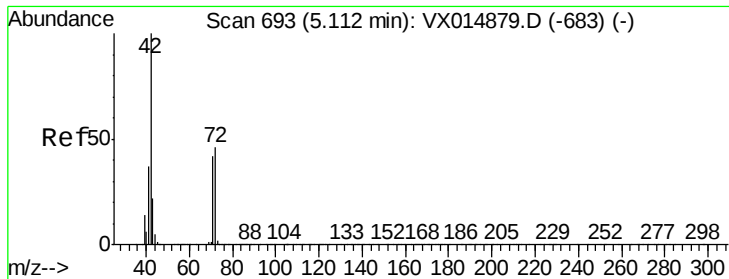


#28

Bromochloromethane
Concen: 51.282 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.2
130	83.0	67.4	101.2

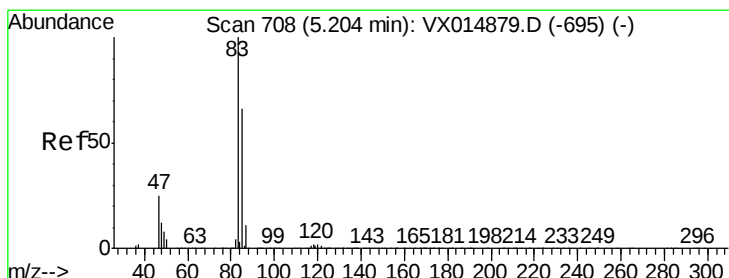
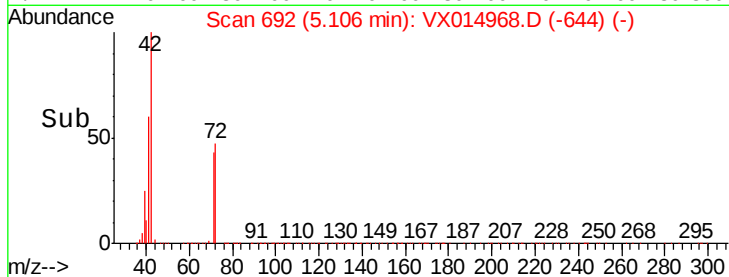
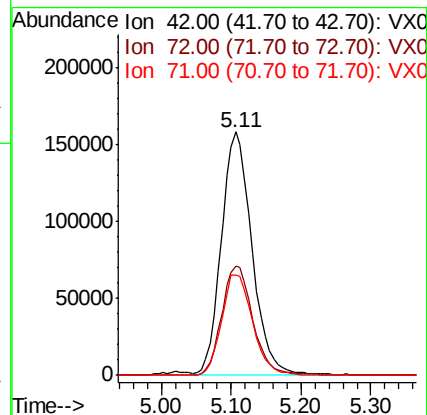
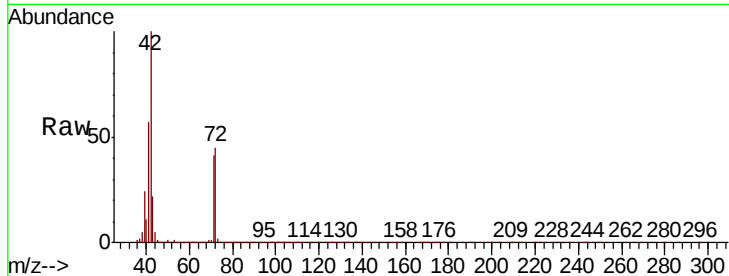




#29
Tetrahydrofuran
Concen: 241.627 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

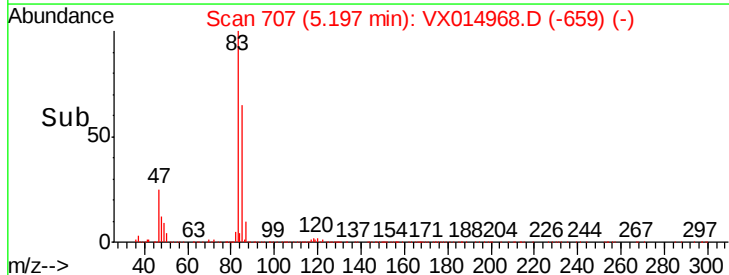
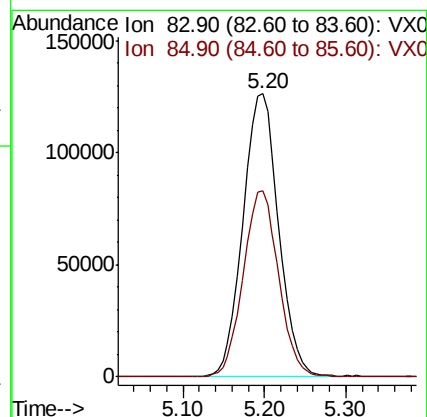
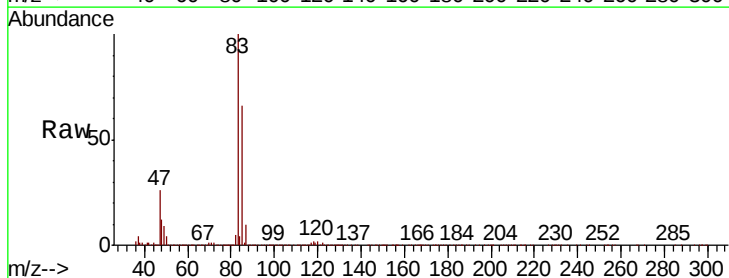
Instrument :
MSVOA_X
ClientSampleId :

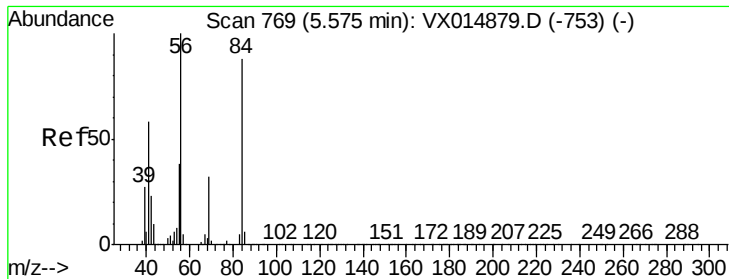
Tot Ion: 42 Resp: 476416
Ion Ratio Lower Upper
42 100
72 45.9 36.9 55.3
71 41.9 34.1 51.1



#30
Chloroform
Concen: 48.900 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion: 83 Resp: 383654
Ion Ratio Lower Upper
83 100
85 65.8 52.9 79.3

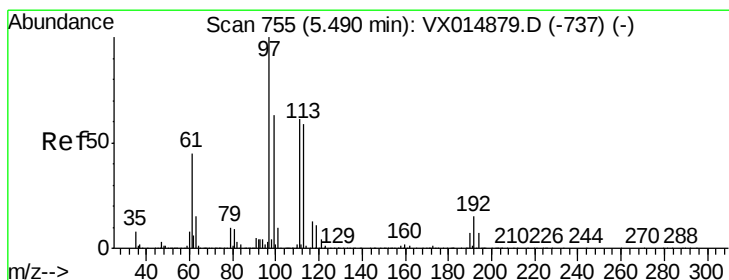
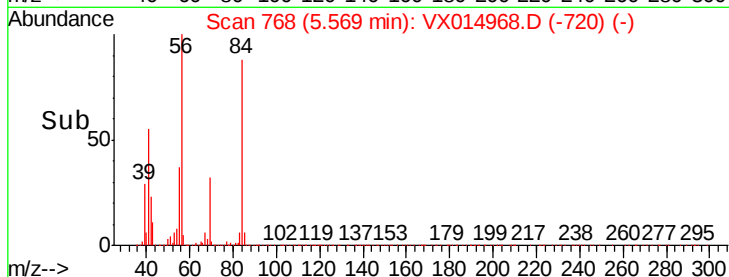
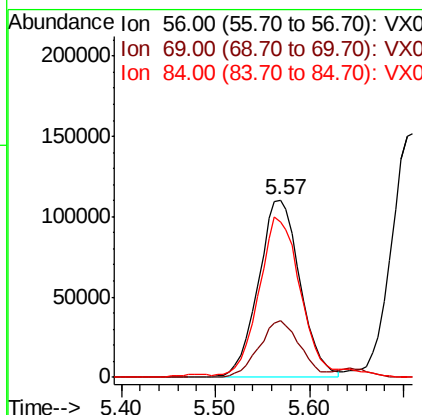
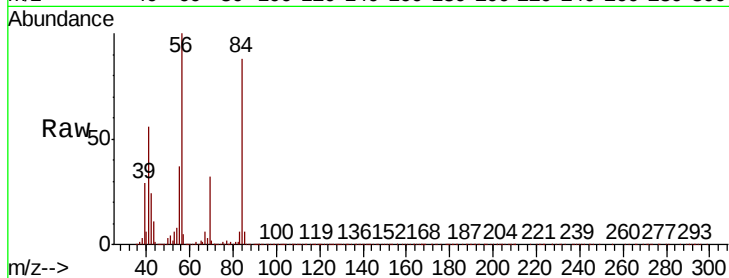




#31
Cyclohexane
Concen: 47.476 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

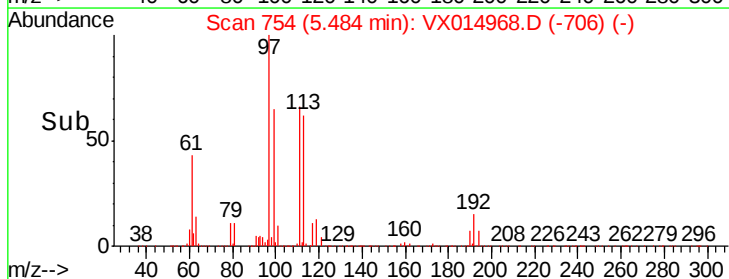
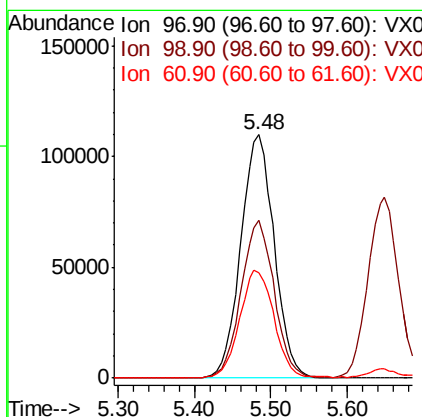
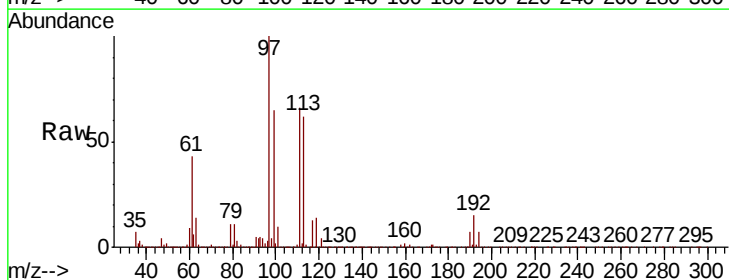
Instrument :
MSVOA_X
ClientSampleId :

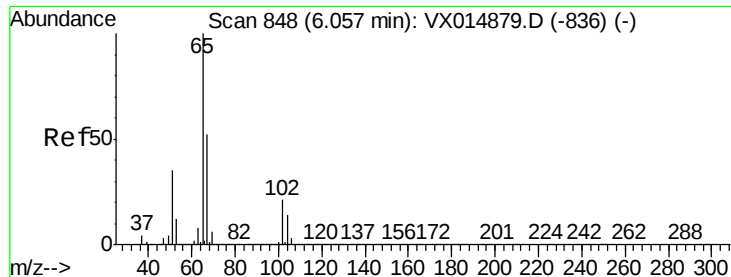
Tot Ion: 56 Resp: 341943
Ion Ratio Lower Upper
56 100
69 31.7 25.9 38.9
84 86.0 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 48.502 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion: 97 Resp: 332871
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.6
61 45.5 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 46.581 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

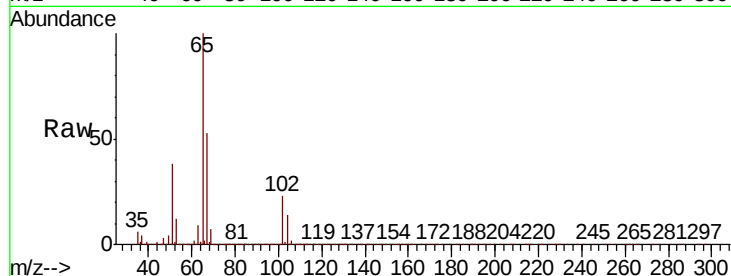
ClientSampled :

Tot Ion: 65 Resp: 237316

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

80000

60000

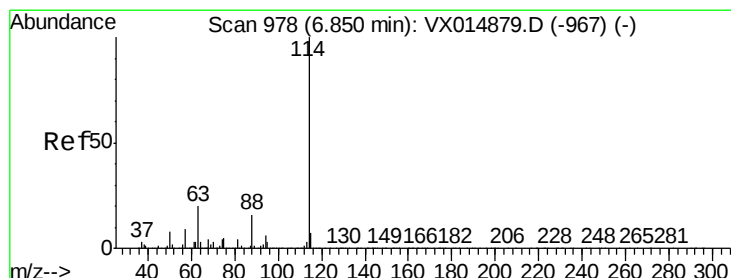
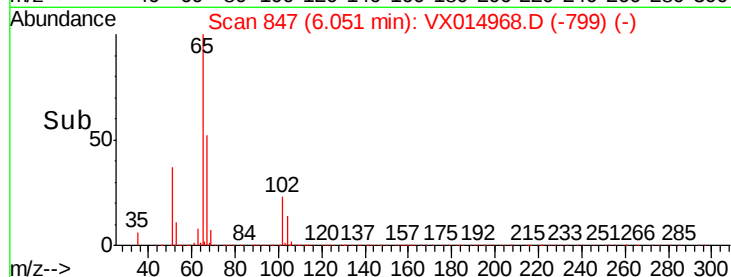
40000

20000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

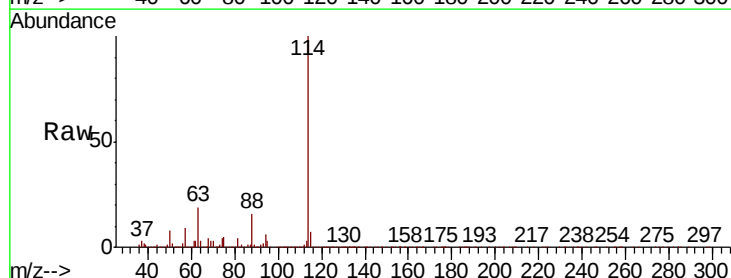
Tgt Ion: 114 Resp: 659243

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.2

88 15.6 0.0 32.0



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

300000

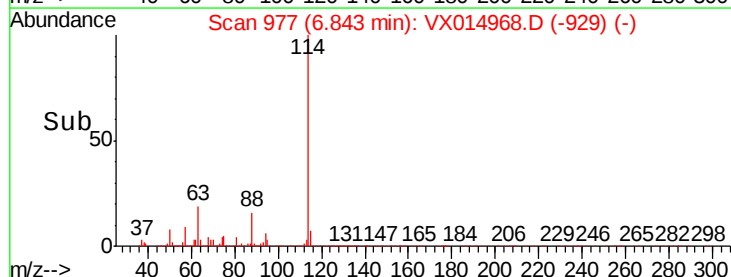
200000

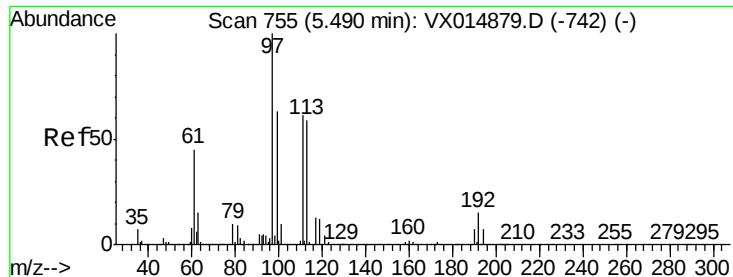
100000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.476 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :

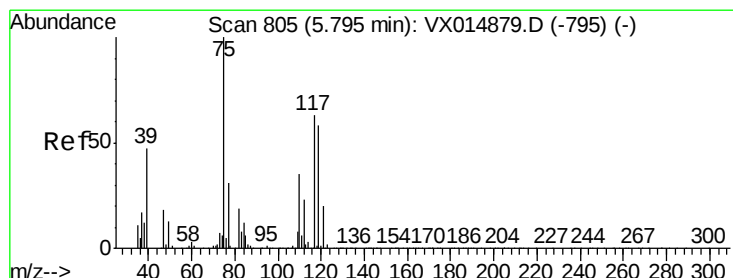
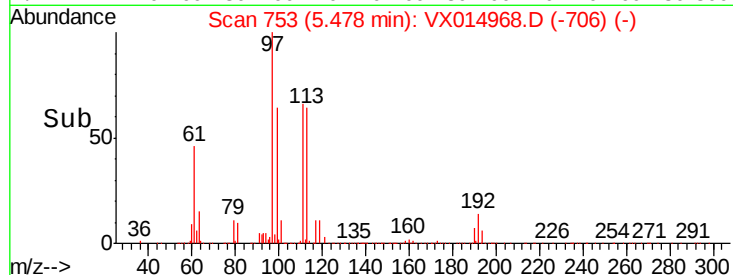
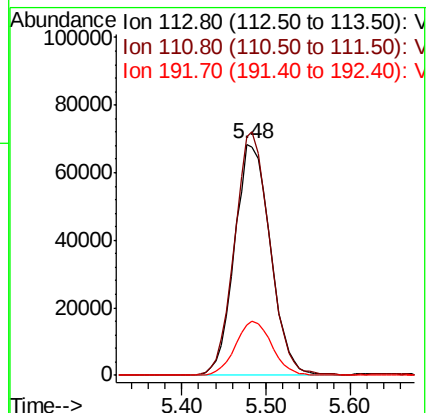
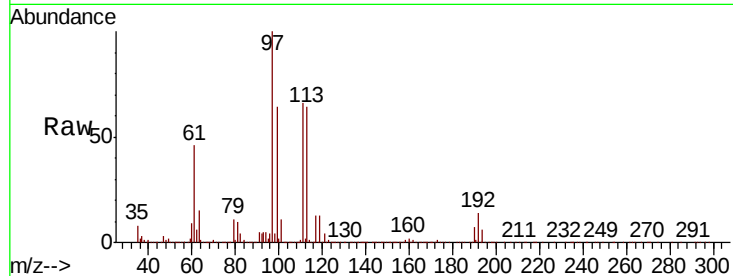
Tot Ion:113 Resp: 196468

Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

192 24.0 19.1 28.7



#36

1,1-Dichloropropene

Concen: 49.043 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

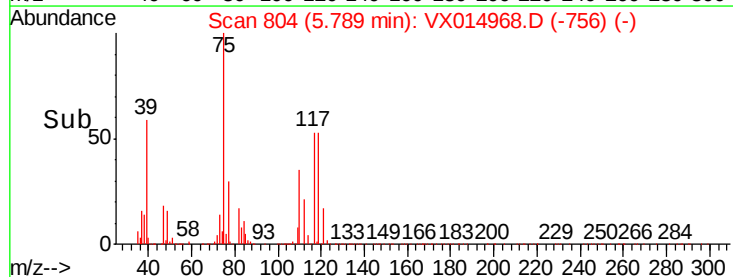
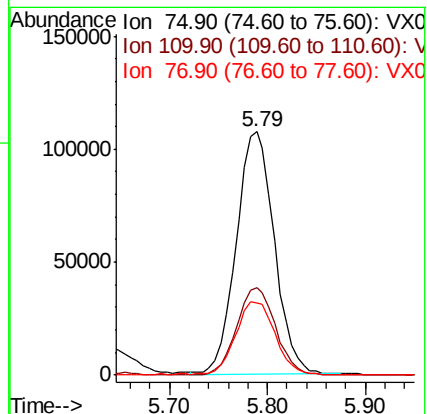
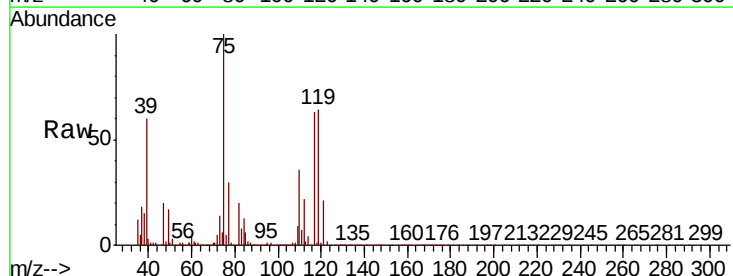
Tgt Ion: 75 Resp: 289214

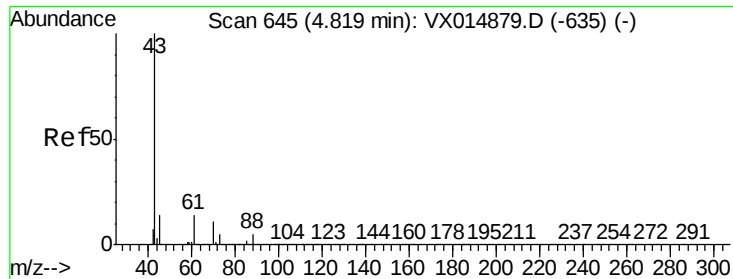
Ion Ratio Lower Upper

75 100

110 37.4 18.3 54.8

77 31.3 24.6 36.8

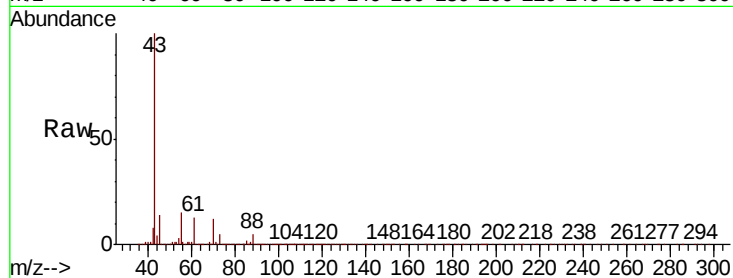




#37
Ethyl Acetate
Concen: 48.727 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.9	16.3
70	10.7	8.7	13.1

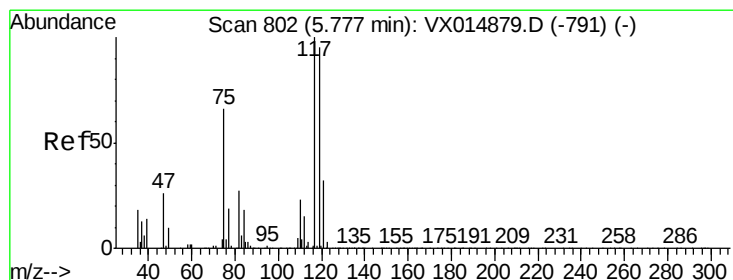
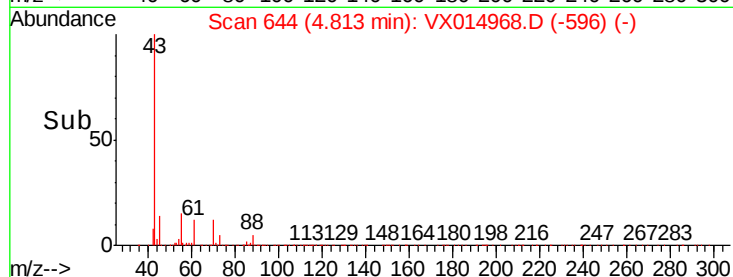
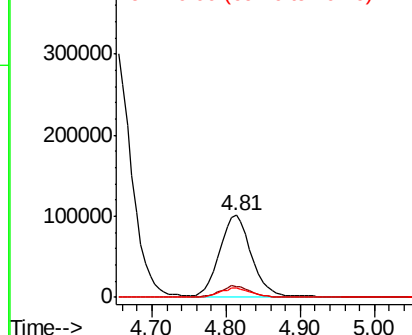


Abundance

Ion 43.00 (42.70 to 43.70): VX0

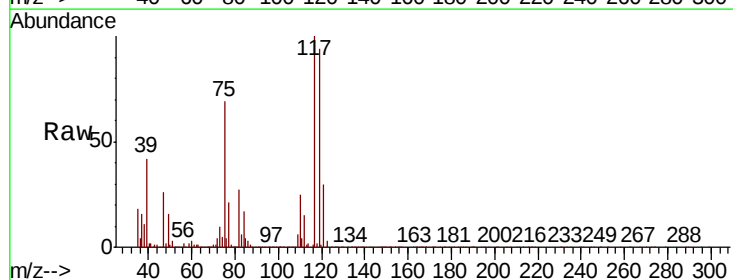
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 50.139 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.0	114.0
121	29.7	25.4	38.2

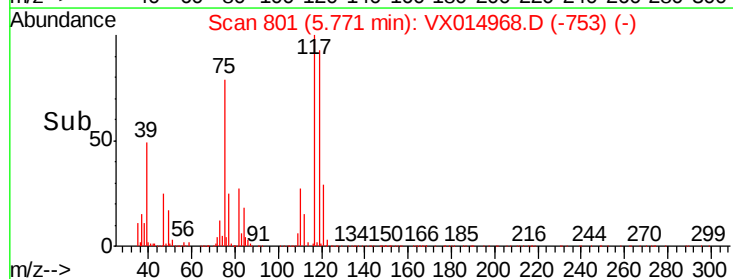
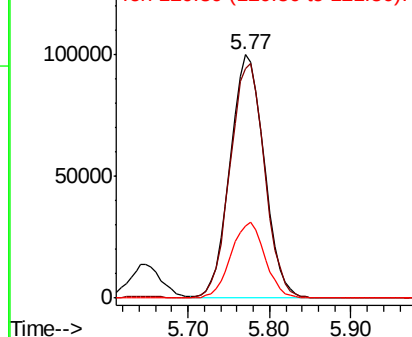


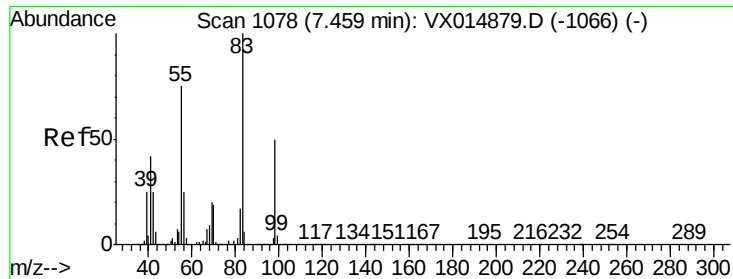
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

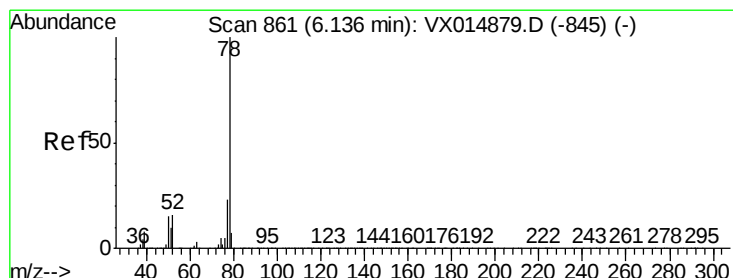
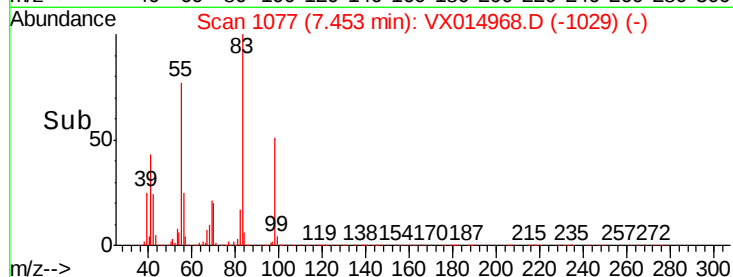
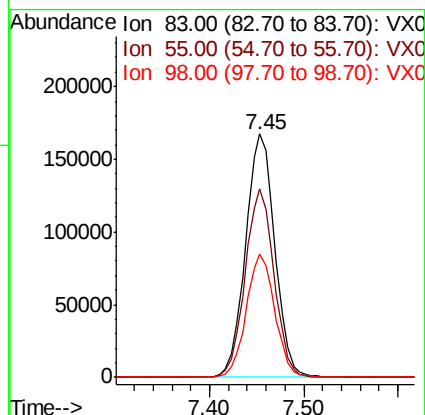
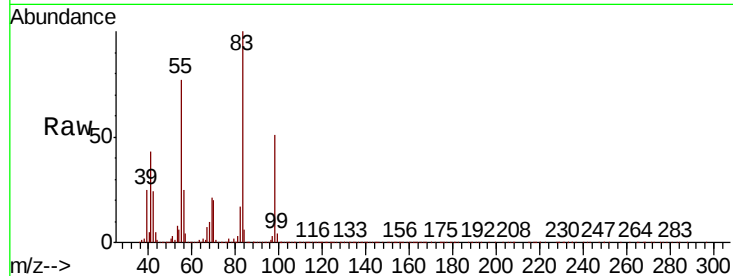




#39
Methvlcvclohexane
Concen: 49.198 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

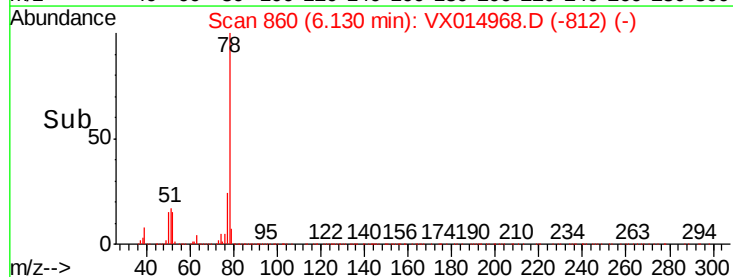
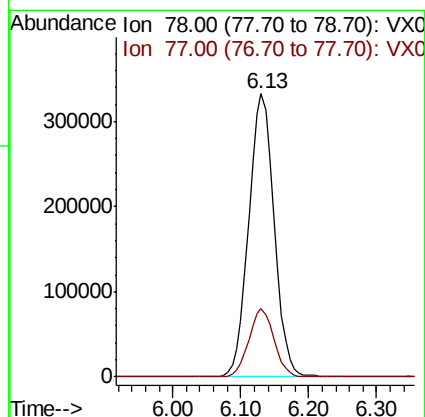
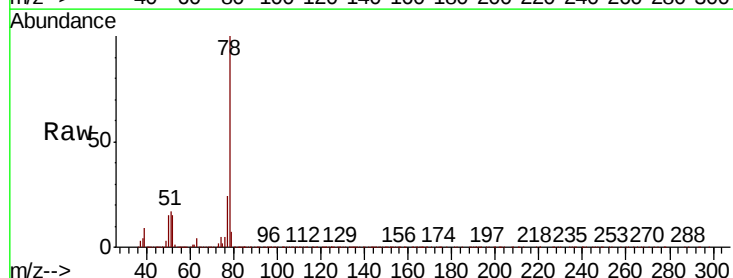
Instrument :
MSVOA_X
ClientSampled :

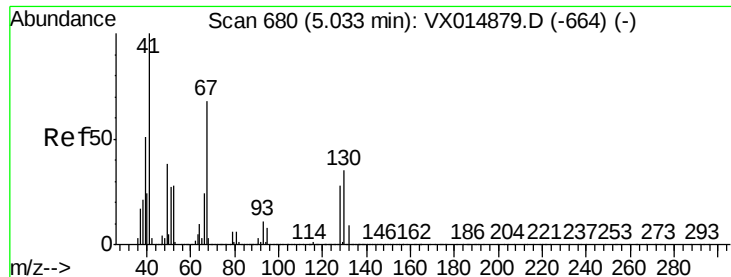
Tot Ion: 83 Resp: 362848
Ion Ratio Lower Upper
83 100
55 77.2 60.0 90.0
98 50.5 39.6 59.4



#40
Benzene
Concen: 49.097 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion: 78 Resp: 865072
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2





#41

Methacrylonitrile

Concen: 51.137 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 169440

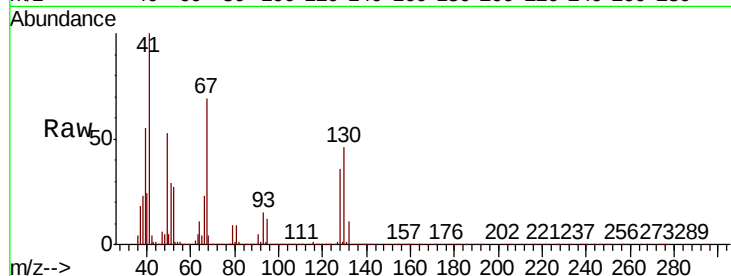
Ion Ratio Lower Upper

41 100

39 55.6 44.7 67.1

67 71.2 56.6 84.8

52 28.3 22.3 33.5

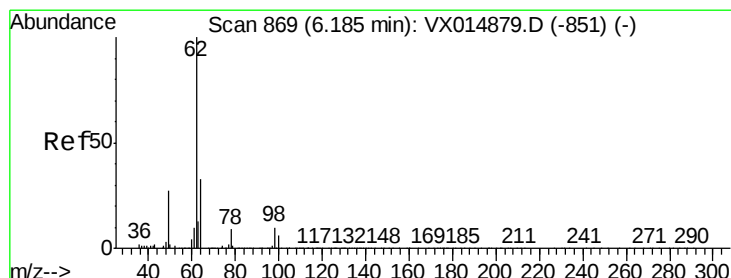
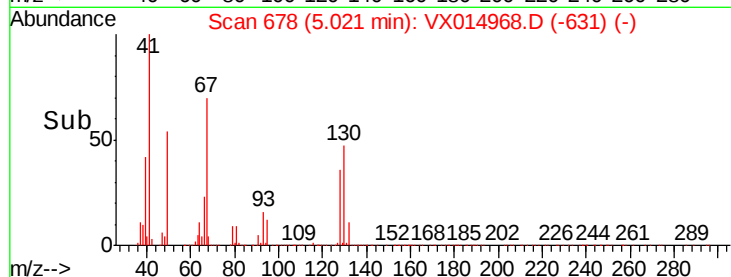
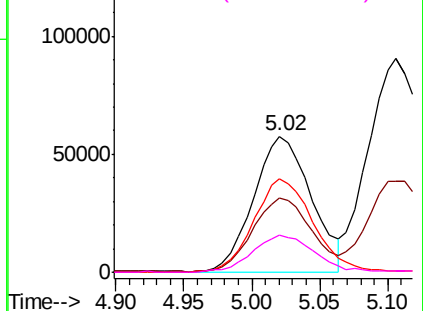


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.297 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX014968.D

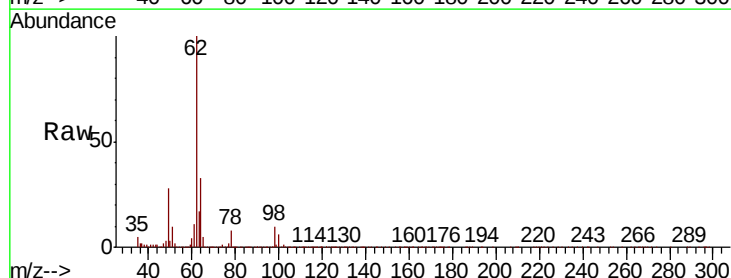
Acq: 20 Feb 2020 09:57

Tgt Ion: 62 Resp: 313931

Ion Ratio Lower Upper

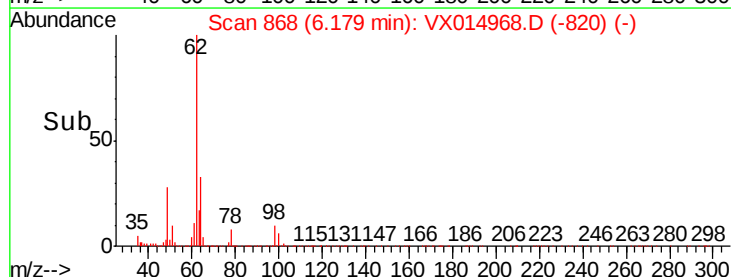
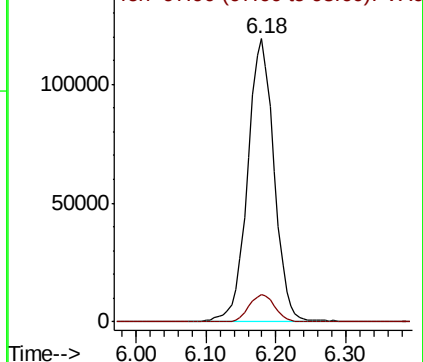
62 100

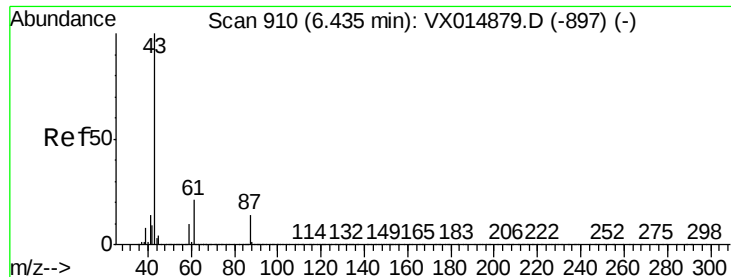
98 9.4 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.677 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampled :

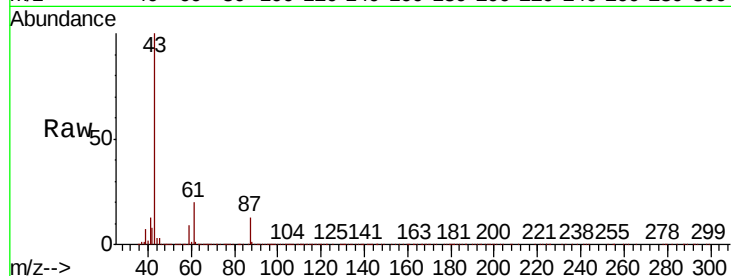
Tot Ion: 43 Resp: 504036

Ion Ratio Lower Upper

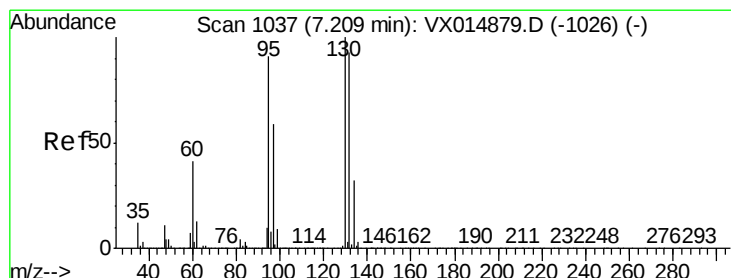
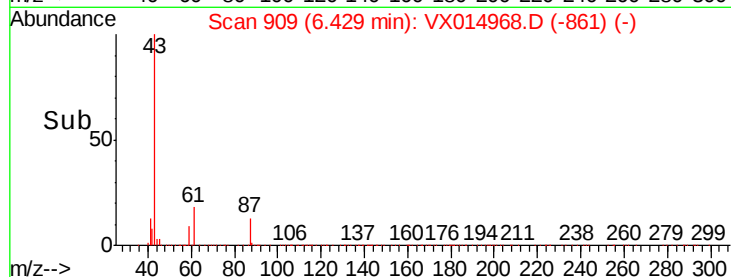
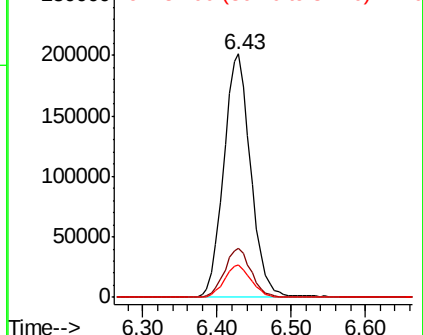
43 100

61 19.9 16.2 24.4

87 13.1 11.0 16.6



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



#44

Trichloroethene

Concen: 48.470 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014968.D

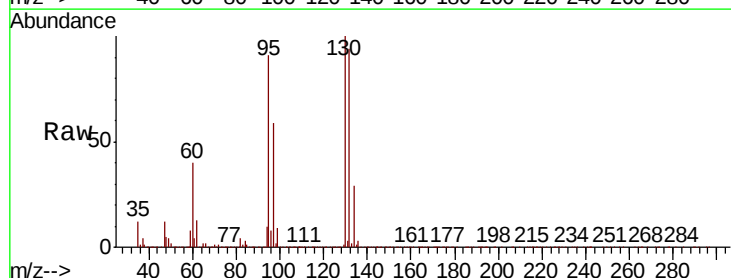
Acq: 20 Feb 2020 09:57

Tgt Ion: 130 Resp: 247921

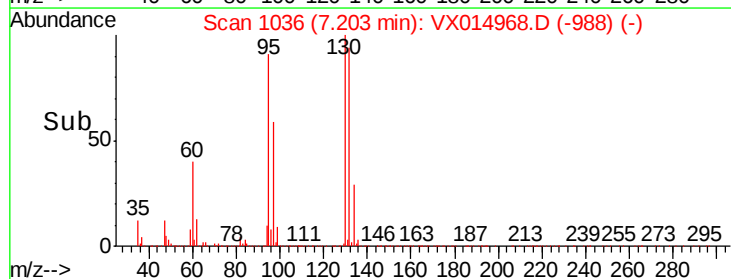
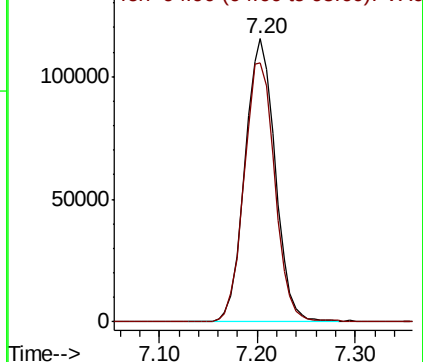
Ion Ratio Lower Upper

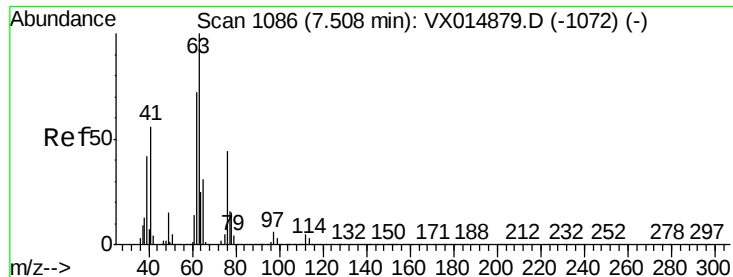
130 100

95 91.2 0.0 182.6



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

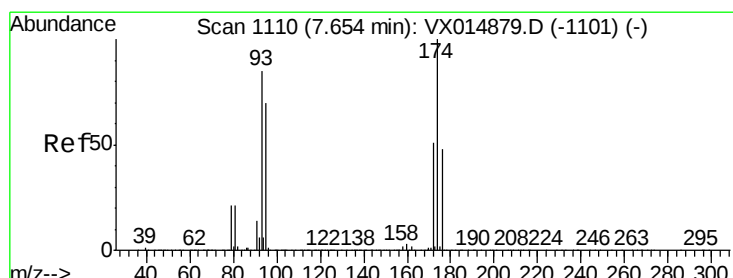
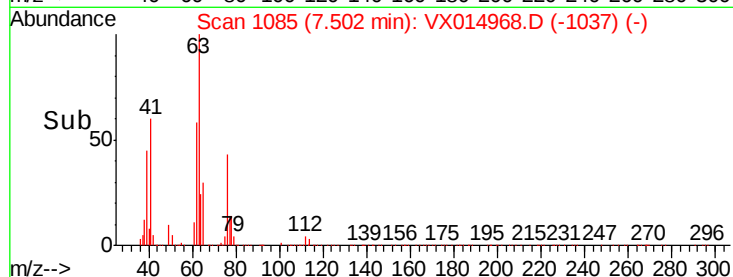
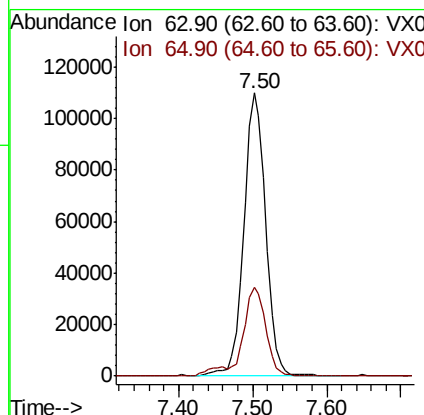
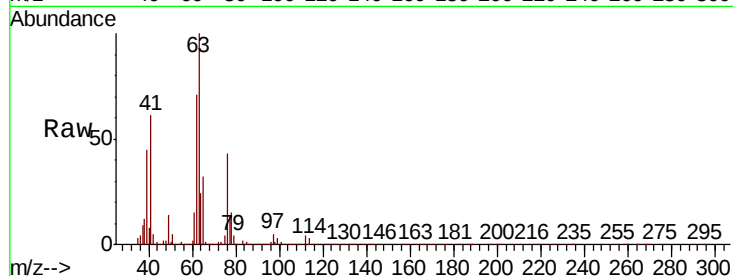




#45
 1,2-Dichloropropane
 Concen: 49.899 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014968.D
 Acq: 20 Feb 2020 09:57

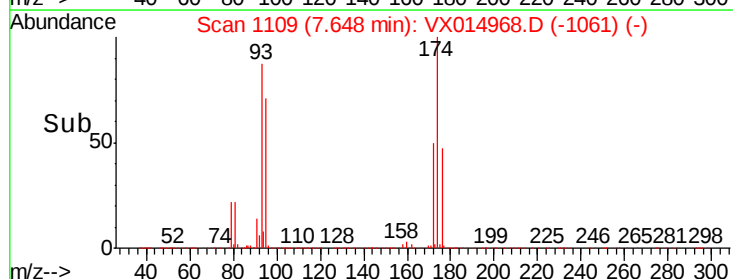
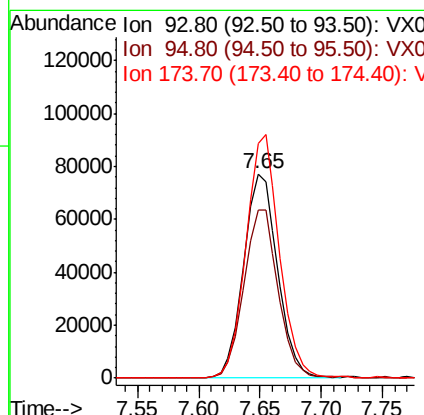
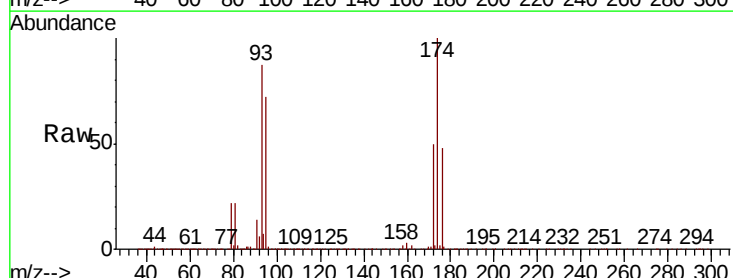
Instrument :
 MSVOA_X
 ClientSampleId :

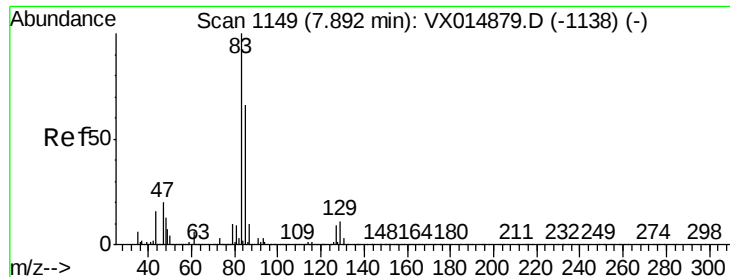
Tot Ion: 63 Resp: 224223
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.9 37.3



#46
 Dibromomethane
 Concen: 48.754 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014968.D
 Acq: 20 Feb 2020 09:57

Tgt Ion: 93 Resp: 149752
 Ion Ratio Lower Upper
 93 100
 95 81.9 65.8 98.8
 174 117.0 95.4 143.2





#47

Bromodichloromethane

Concen: 50.294 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

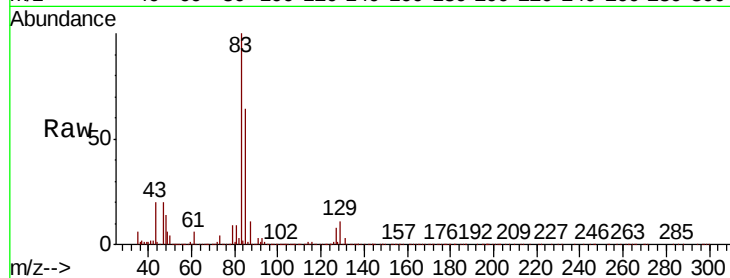
Tot Ion: 83 Resp: 306303

Ion Ratio Lower Upper

83 100

85 63.5 52.5 78.7

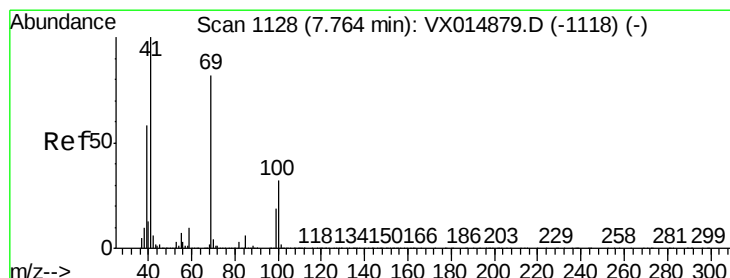
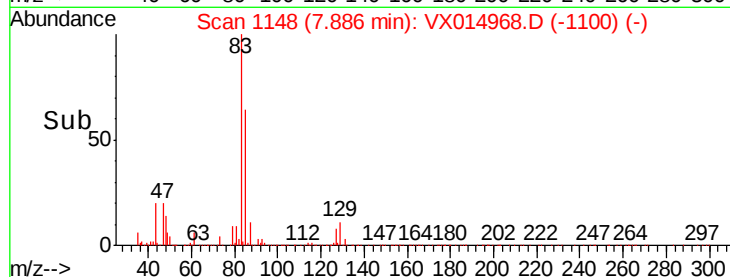
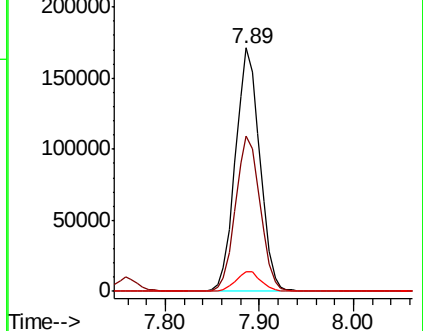
127 7.9 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.683 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

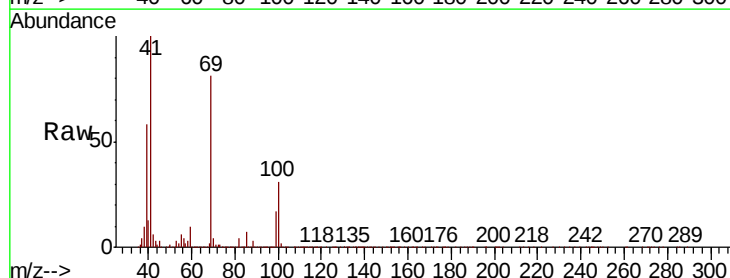
Tgt Ion: 41 Resp: 253073

Ion Ratio Lower Upper

41 100

69 82.3 65.7 98.5

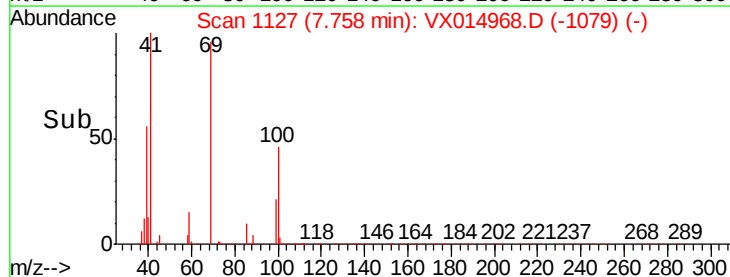
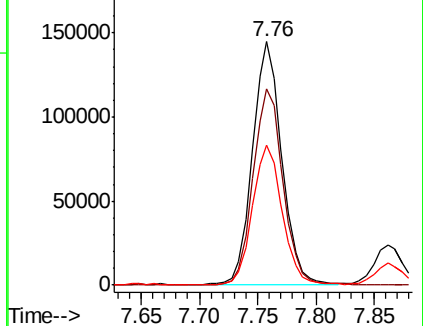
39 57.9 45.8 68.8

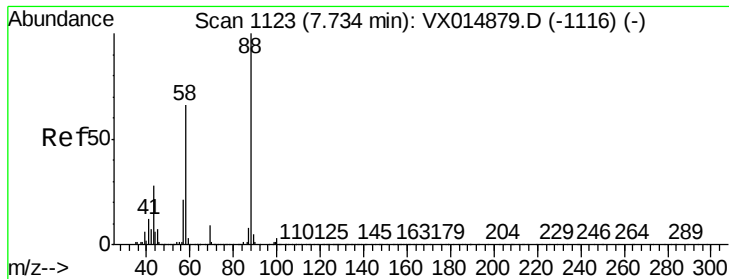


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1006.587 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :

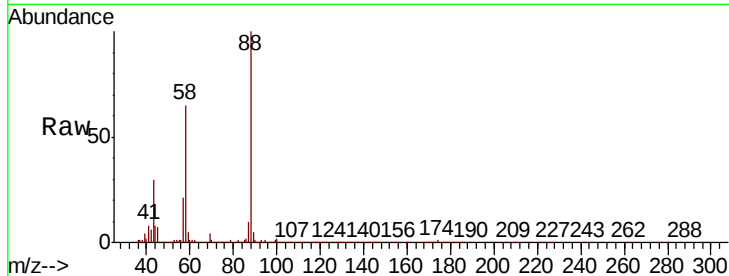
Tot Ion: 88 Resp: 93974

Ion Ratio Lower Upper

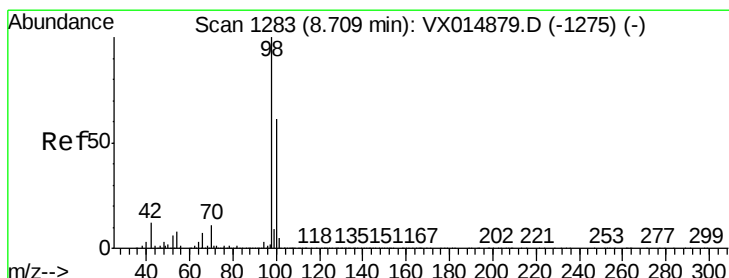
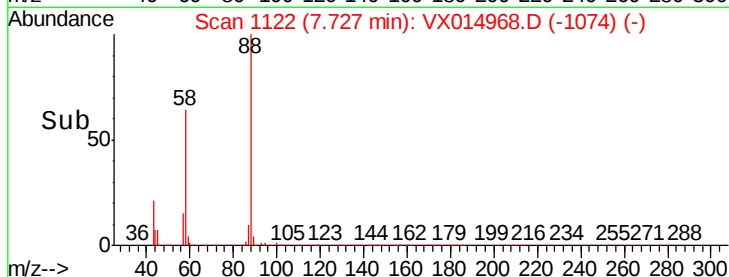
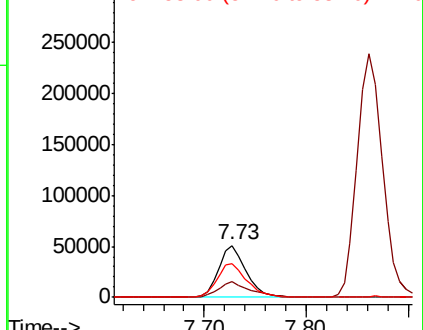
88 100

43 33.7 27.0 40.4

58 69.5 53.2 79.8



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



#50

Toluene-d8

Concen: 48.114 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014968.D

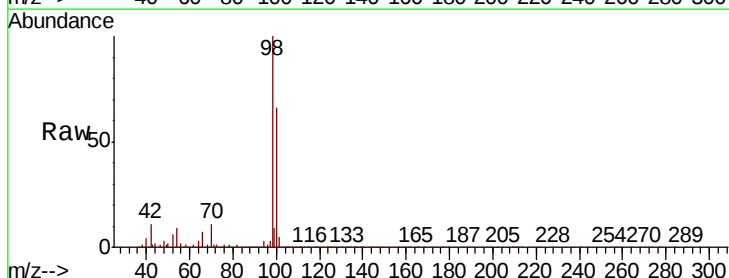
Acq: 20 Feb 2020 09:57

Tgt Ion: 98 Resp: 744328

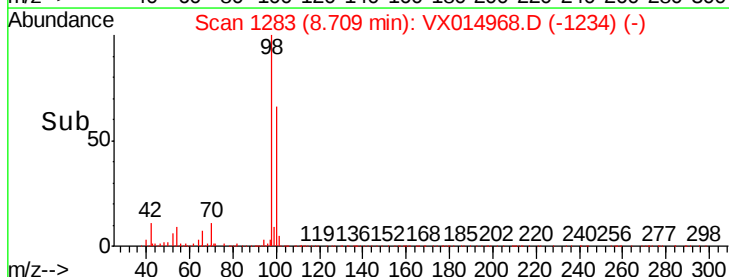
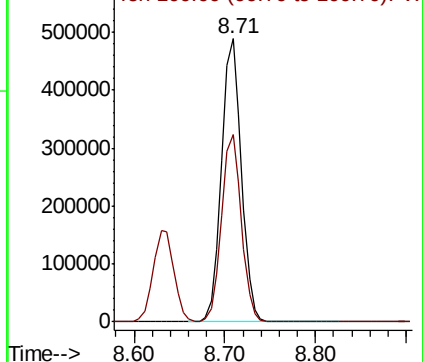
Ion Ratio Lower Upper

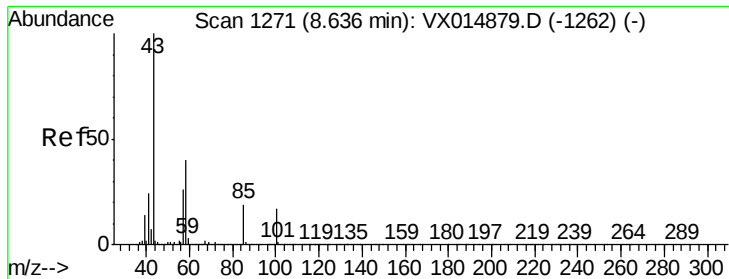
98 100

100 66.1 52.4 78.6



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





#51

4-Methyl-2-Pentanone

Concen: 250.609 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

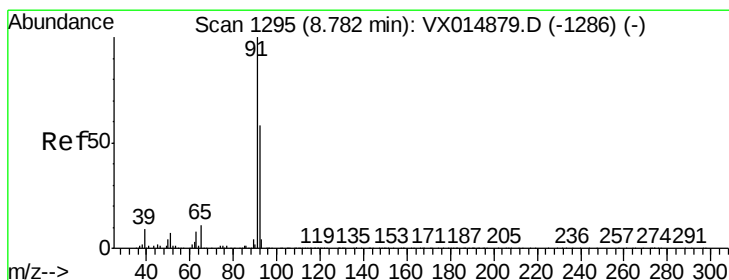
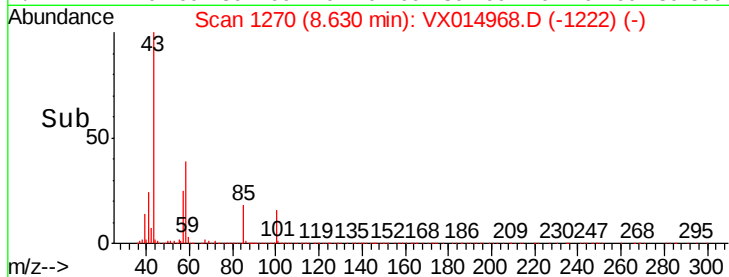
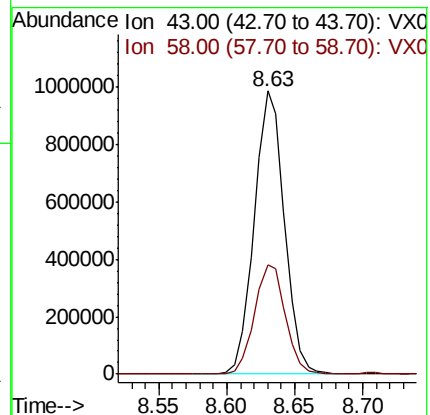
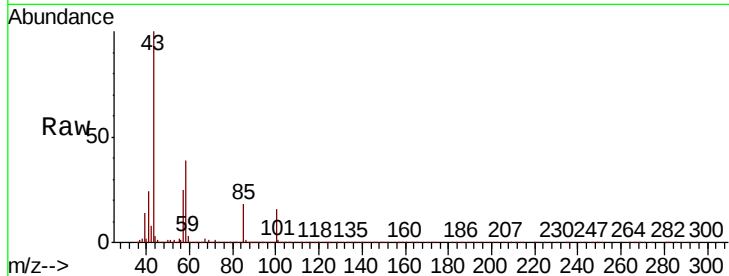
ClientSampleId :

Tot Ion: 43 Resp: 1535361

Ion Ratio Lower Upper

43 100

58 39.5 31.9 47.9



#52

Toluene

Concen: 49.487 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014968.D

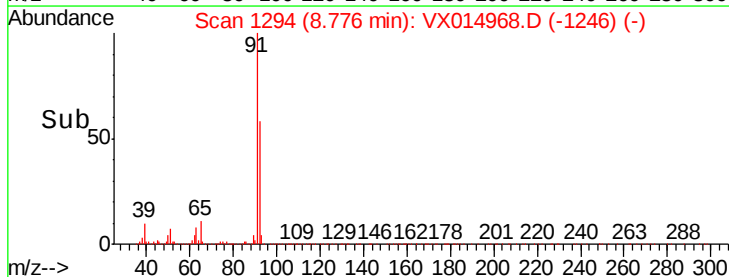
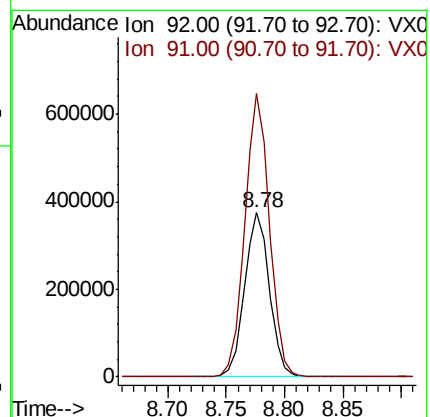
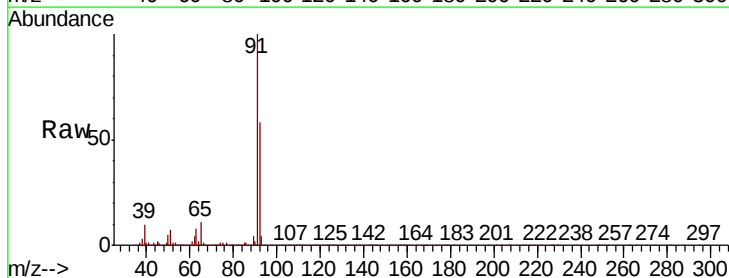
Acq: 20 Feb 2020 09:57

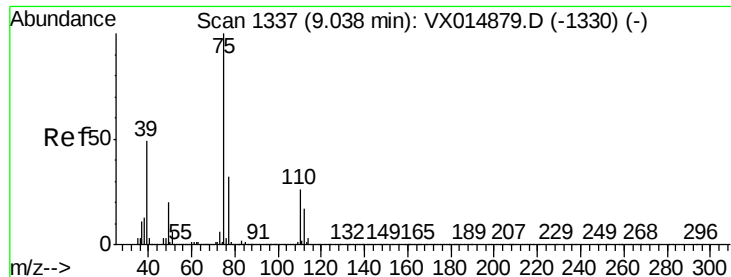
Tgt Ion: 92 Resp: 553800

Ion Ratio Lower Upper

92 100

91 172.5 137.0 205.4

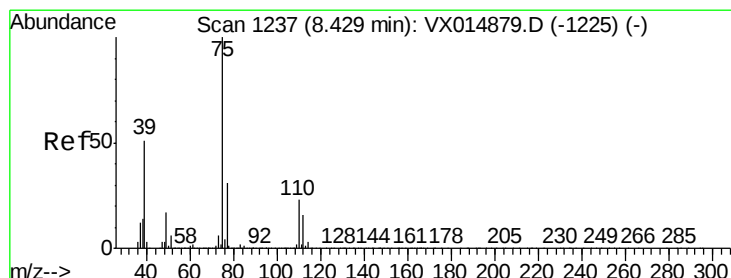
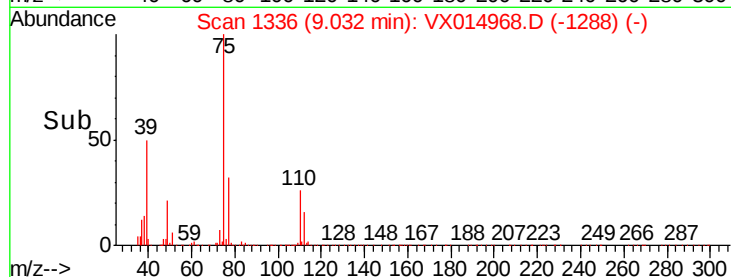
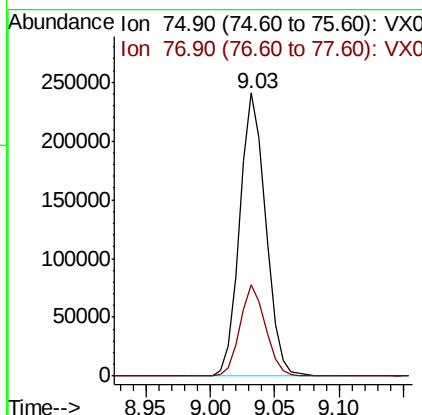
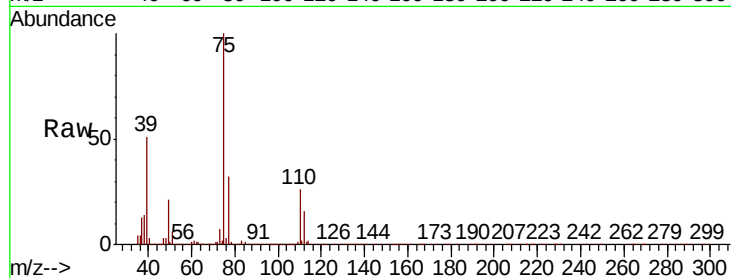




#53
t-1,3-Dichloropropene
Concen: 50.286 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

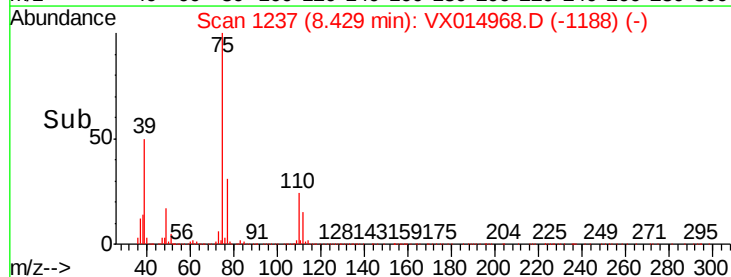
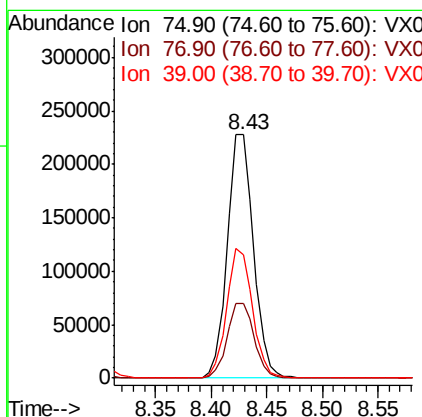
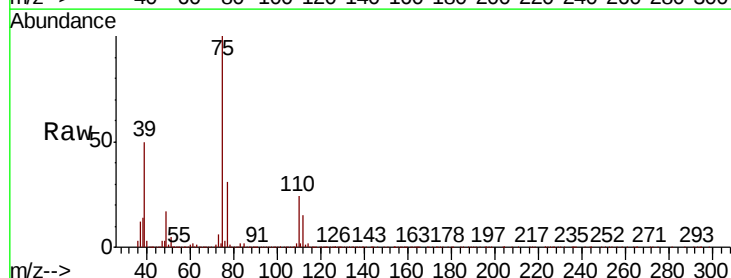
Instrument :
MSVOA_X
ClientSampled :

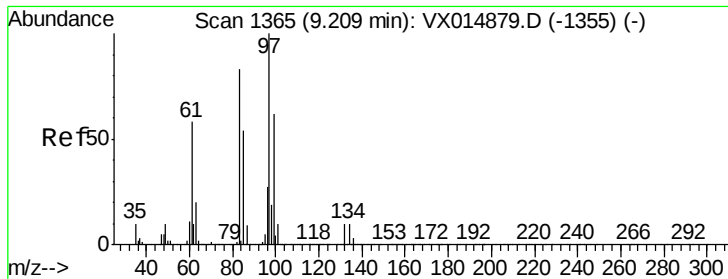
Tot Ion: 75 Resp: 335640
Ion Ratio Lower Upper
75 100
77 32.1 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 50.290 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion: 75 Resp: 370813
Ion Ratio Lower Upper
75 100
77 30.8 24.6 37.0
39 50.3 40.9 61.3

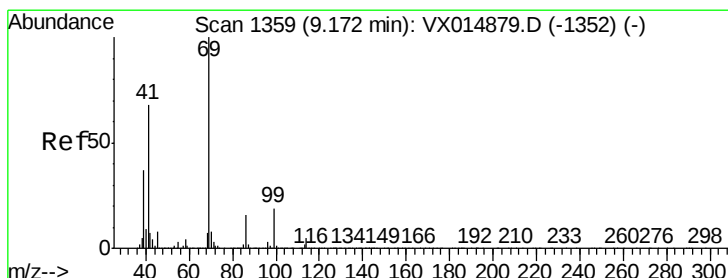
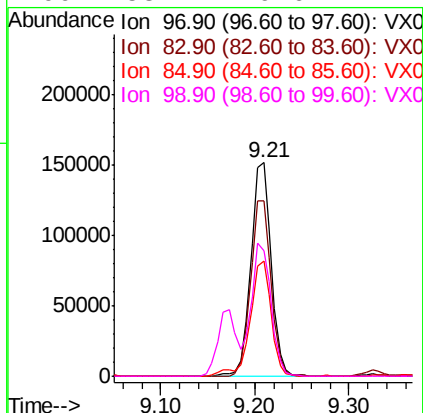
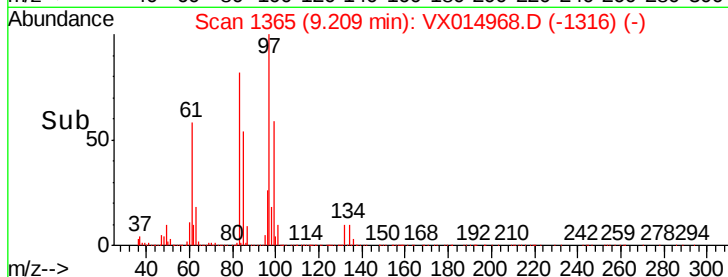
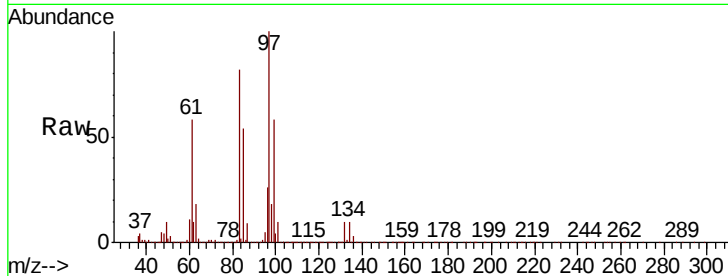




#55
 1,1,2-Trichloroethane
 Concen: 50.596 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014968.D
 Acq: 20 Feb 2020 09:57

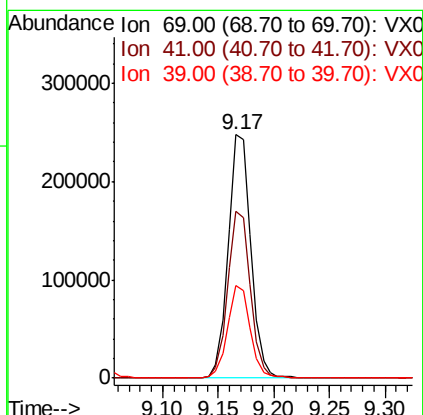
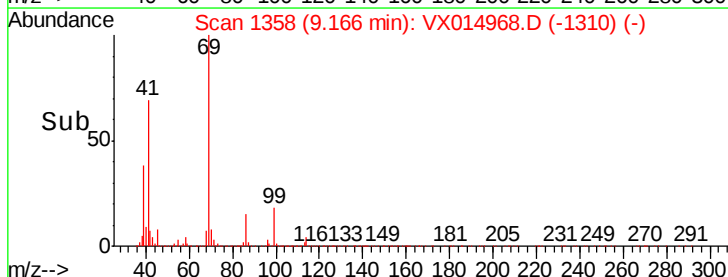
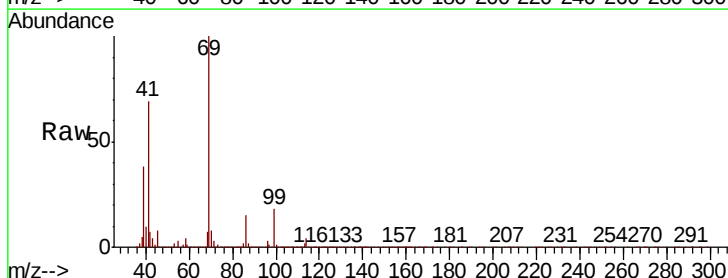
Instrument :
 MSVOA_X
 ClientSampleId :

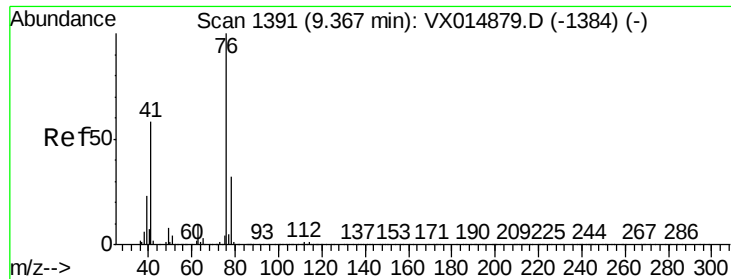
Tot Ion:	97	Resp:	229080
Ion	Ratio	Lower	Upper
97	100		
83	81.9	66.6	99.8
85	53.7	43.5	65.3
99	58.4	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 51.074 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VX014968.D
 Acq: 20 Feb 2020 09:57

Tgt Ion:	69	Resp:	347579
Ion	Ratio	Lower	Upper
69	100		
41	68.8	54.8	82.2
39	37.6	29.9	44.9





#57

1,3-Dichloropropane

Concen: 49.508 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

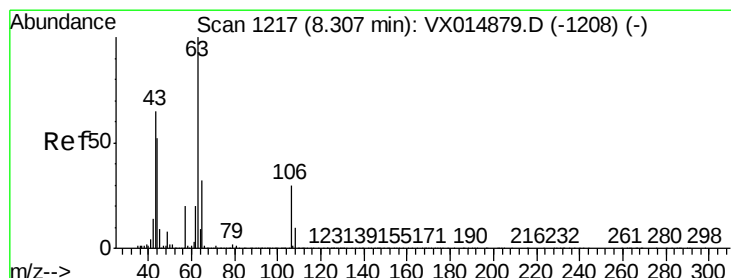
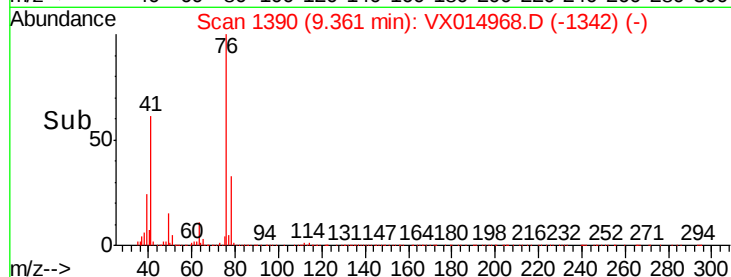
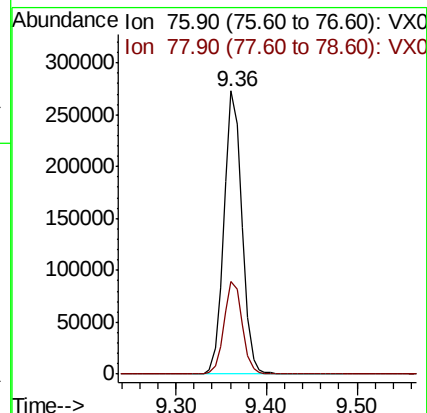
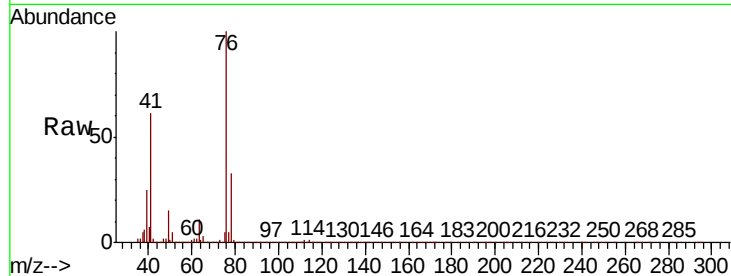
ClientSampleId :

Tot Ion: 76 Resp: 377322

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 259.770 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014968.D

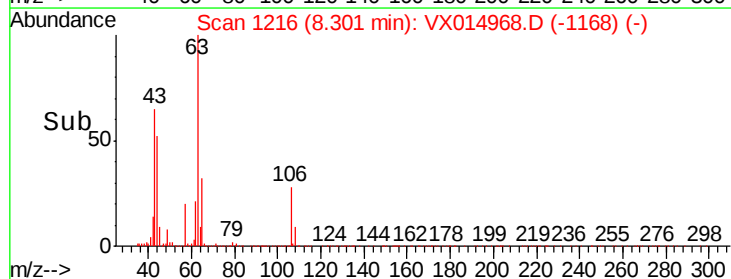
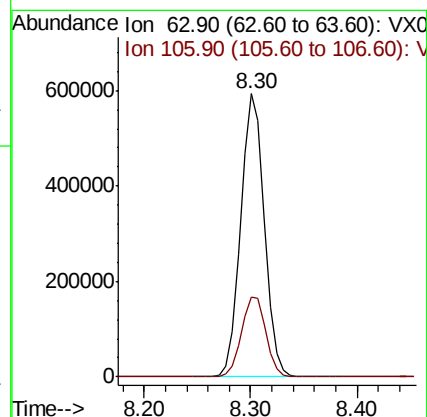
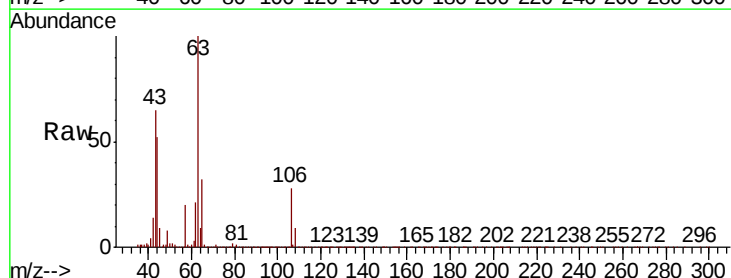
Acq: 20 Feb 2020 09:57

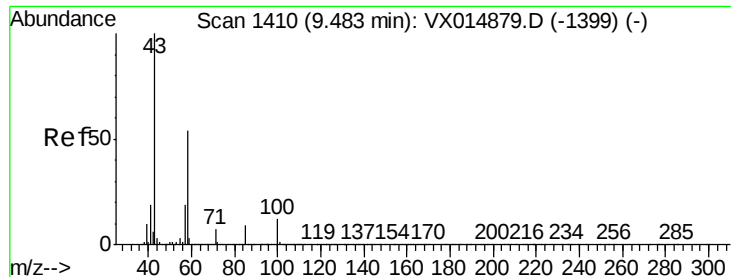
Tgt Ion: 63 Resp: 924548

Ion Ratio Lower Upper

63 100

106 29.3 23.8 35.8

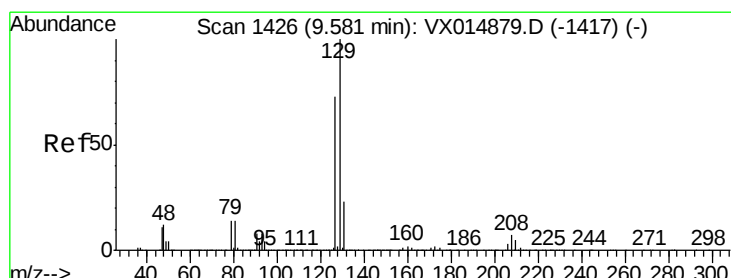
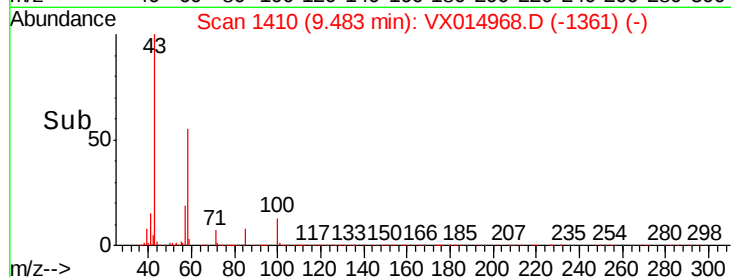
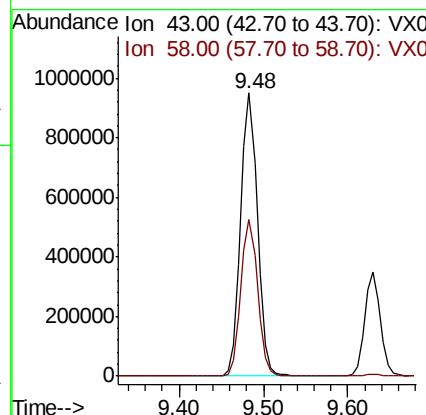
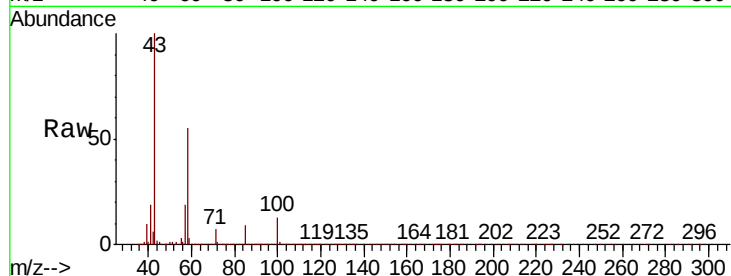




#59
2-Hexanone
Concen: 262.033 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

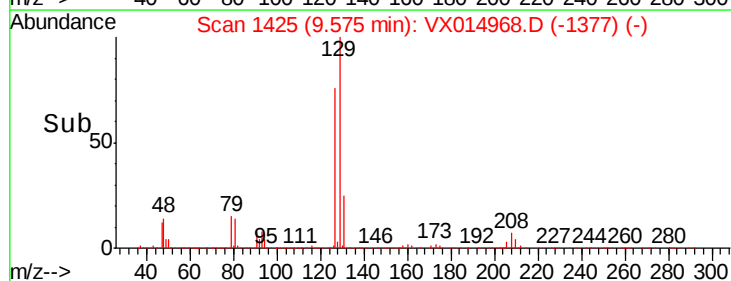
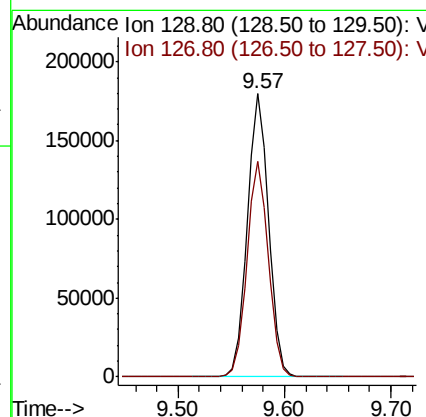
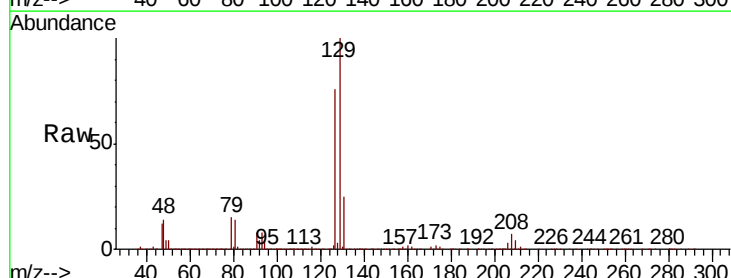
Instrument :
MSVOA_X
ClientSampled :

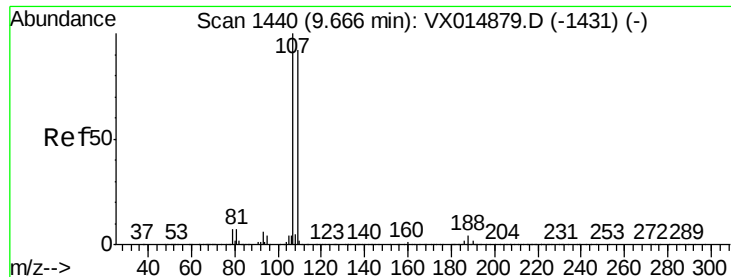
Tot Ion: 43 Resp: 1261827
Ion Ratio Lower Upper
43 100
58 55.2 27.5 82.5



#60
Dibromochloromethane
Concen: 51.969 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion:129 Resp: 253217
Ion Ratio Lower Upper
129 100
127 76.2 37.8 113.3





#61

1,2-Dibromoethane

Concen: 48.731 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

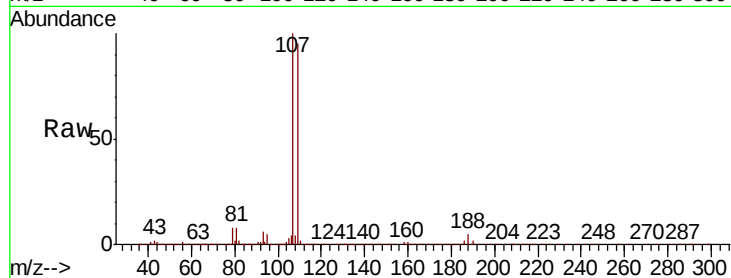
ClientSampleId :

Tot Ion: 107 Resp: 238060

Ion Ratio Lower Upper

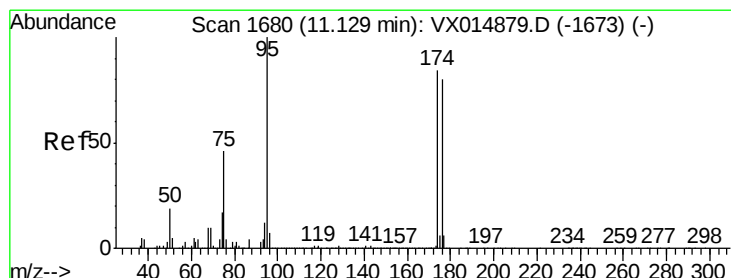
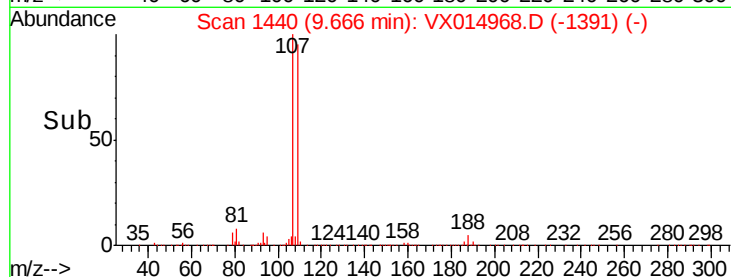
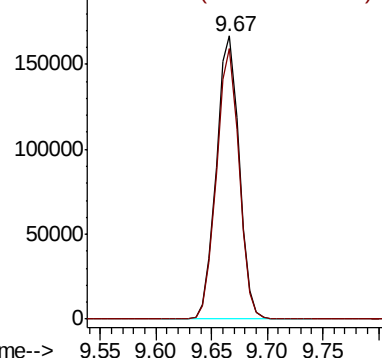
107 100

109 94.5 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.827 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

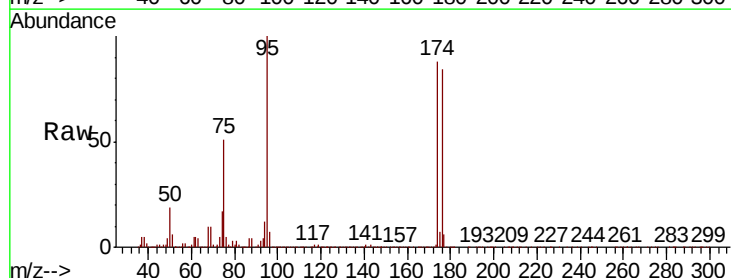
Tgt Ion: 95 Resp: 272104

Ion Ratio Lower Upper

95 100

174 91.0 0.0 183.0

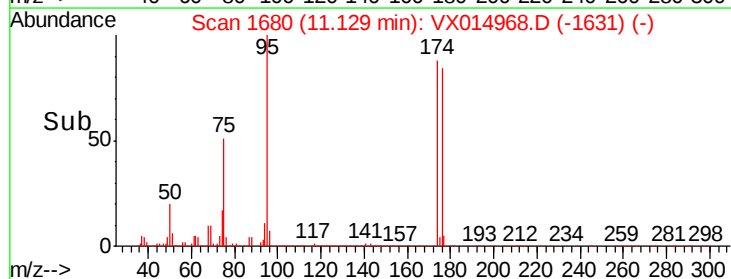
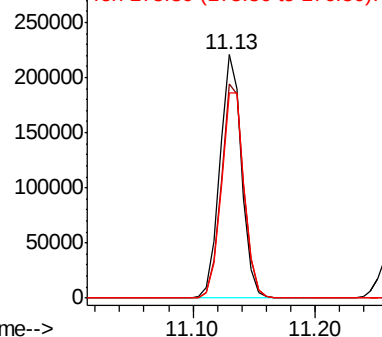
176 89.2 0.0 178.0

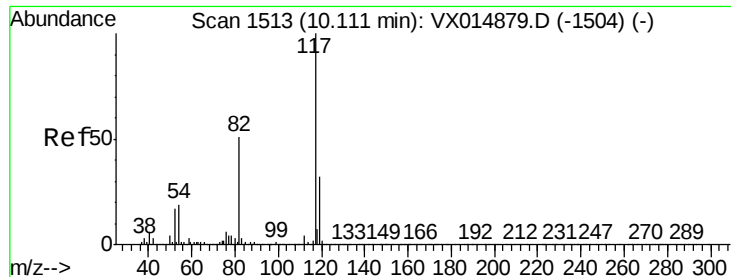


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

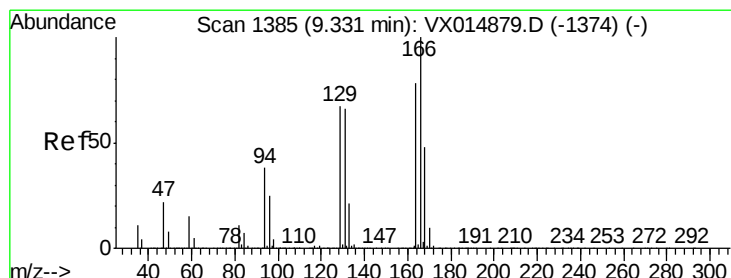
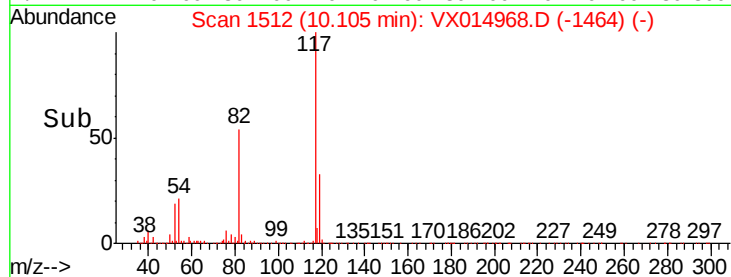
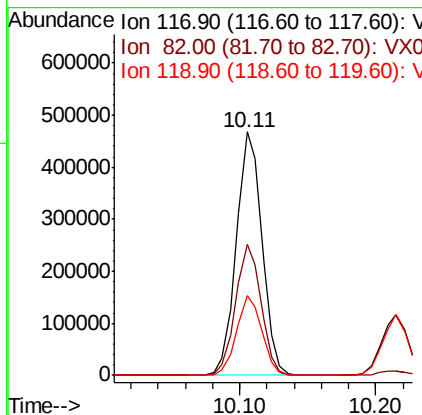
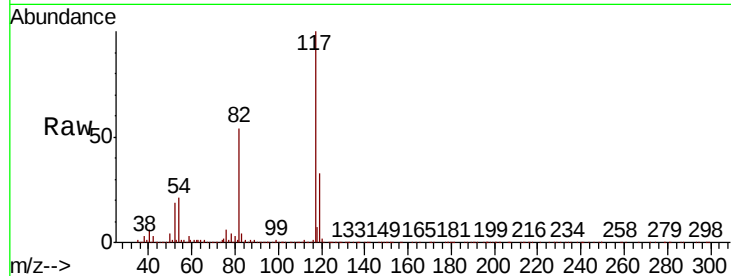




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

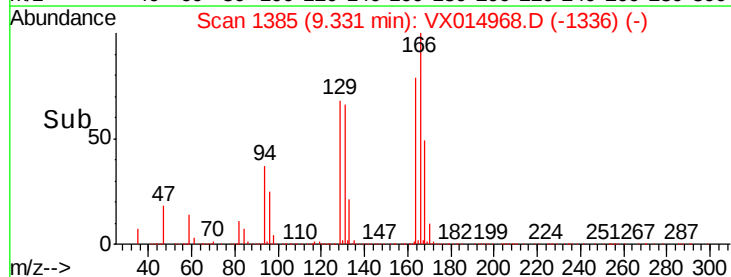
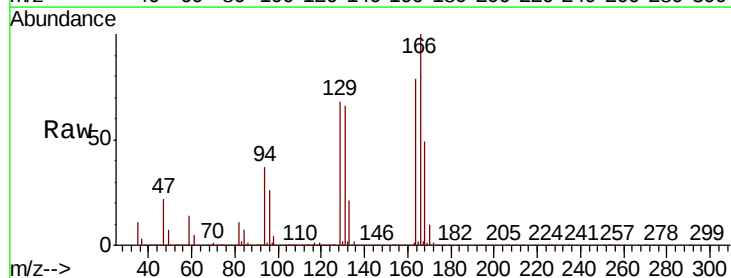
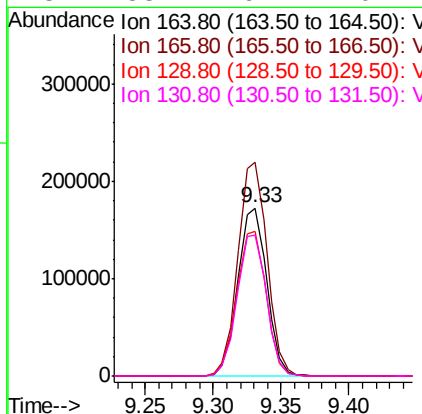
Instrument :
MSVOA_X
ClientSampleId :

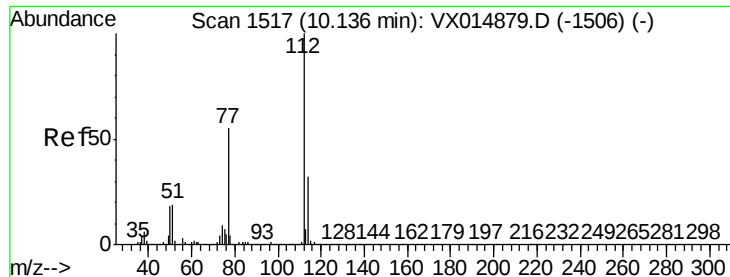
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	40.5	60.7
119	32.6	25.8	38.6



#64
Tetrachloroethene
Concen: 44.581 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	102.6	153.8
129	86.1	68.3	102.5
131	83.4	67.4	101.2





#65

Chlorobenzene

Concen: 48.708 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

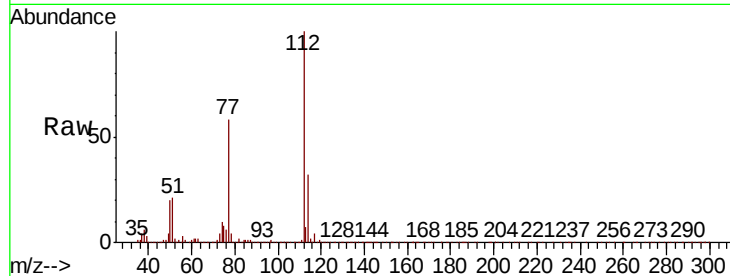
ClientSampleId :

Tot Ion:112 Resp: 607098

Ion Ratio Lower Upper

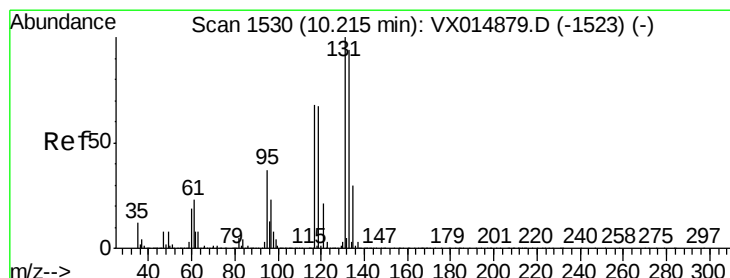
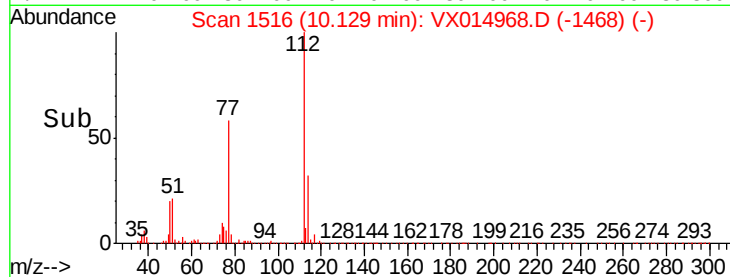
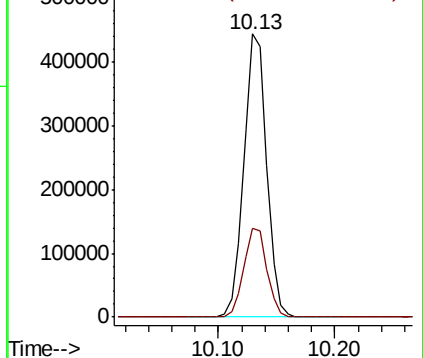
112 100

114 31.5 25.6 38.4



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: 50.672 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

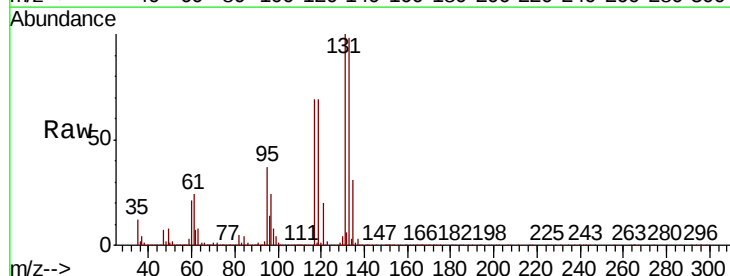
Tgt Ion:131 Resp: 229294

Ion Ratio Lower Upper

131 100

133 95.8 48.1 144.4

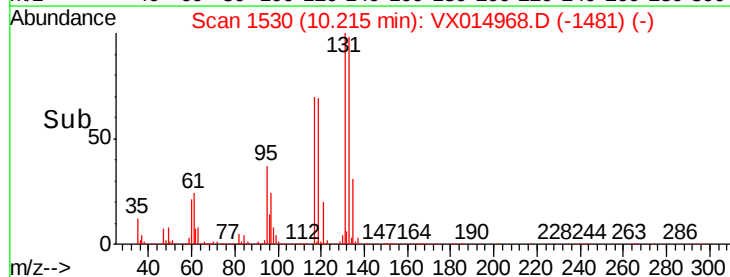
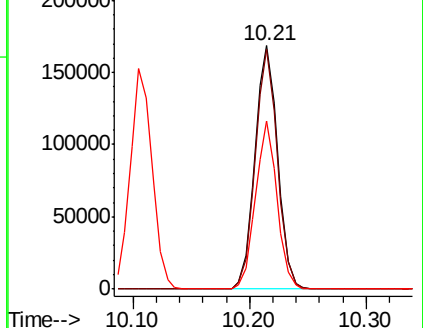
119 65.7 33.0 99.0

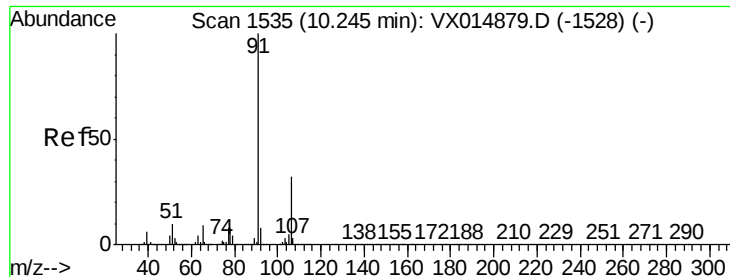


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

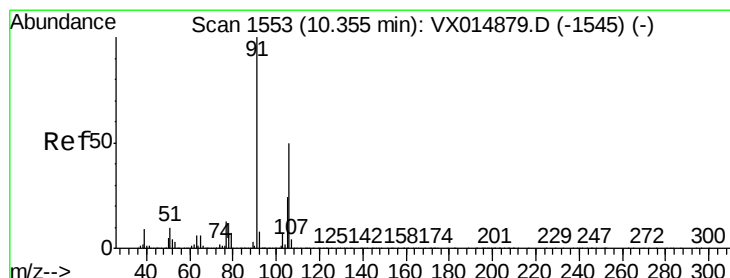
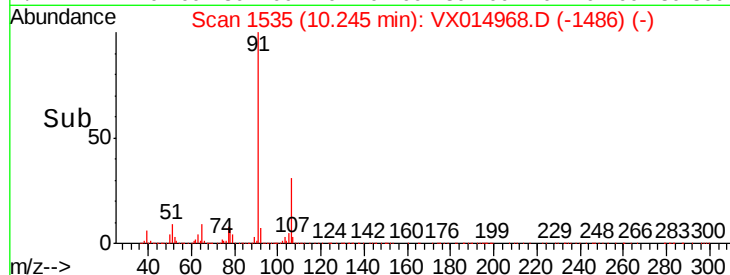
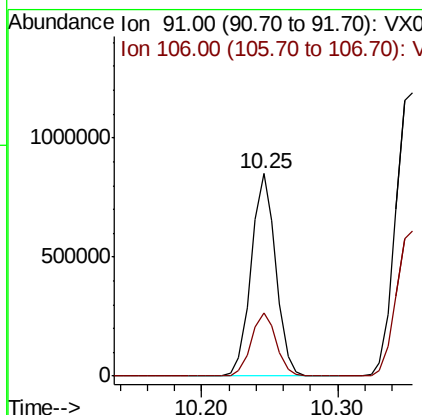
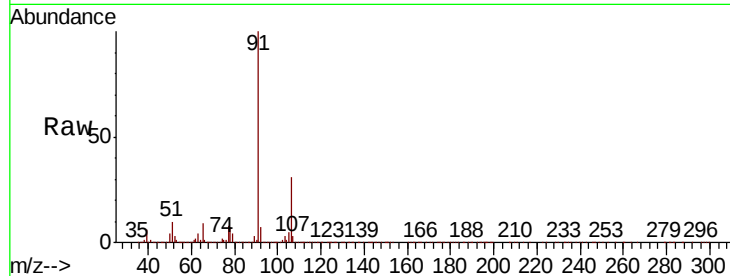




#67
Ethyl Benzene
Concen: 50.768 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

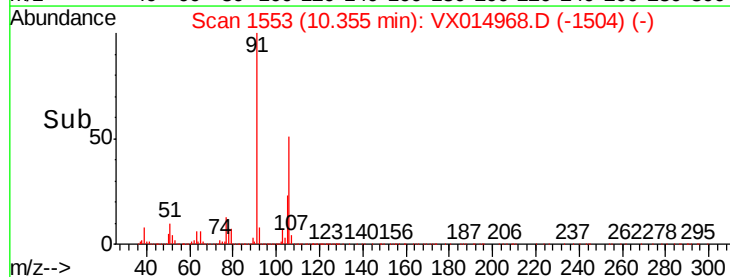
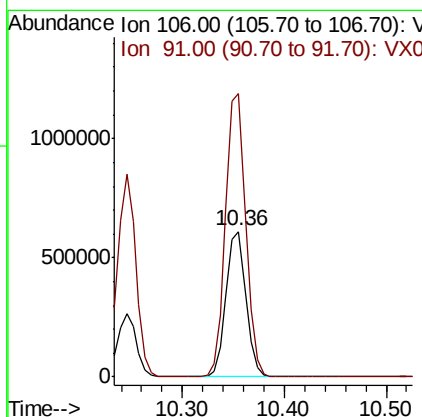
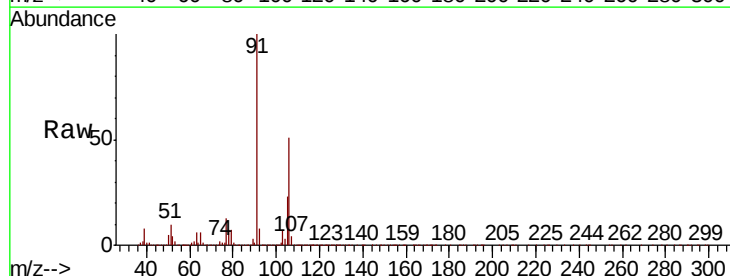
Instrument :
MSVOA_X
ClientSampleId :

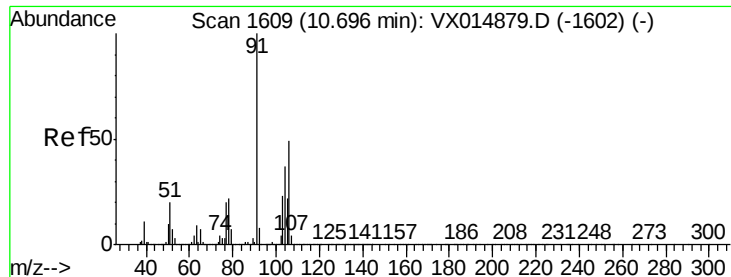
Tot Ion: 91 Resp: 1076165
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9



#68
m/p-Xylenes
Concen: 101.116 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion: 106 Resp: 825719
Ion Ratio Lower Upper
106 100
91 198.1 160.6 240.8

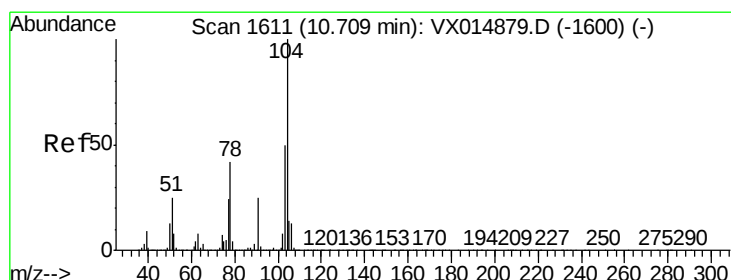
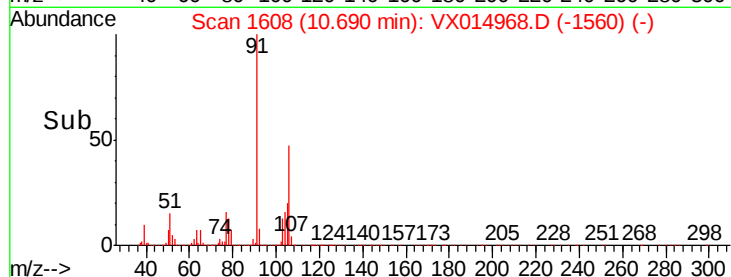
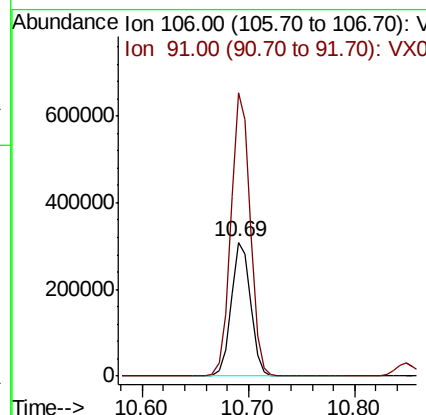
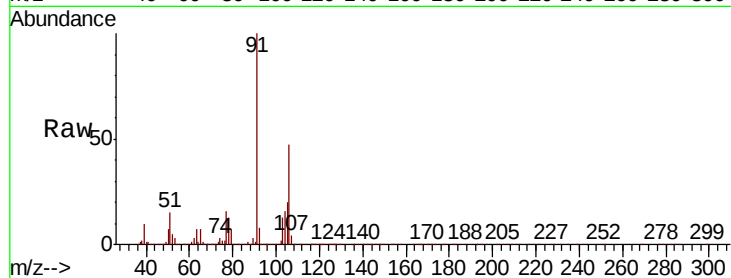




#69
o-Xylene
Concen: 50.298 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

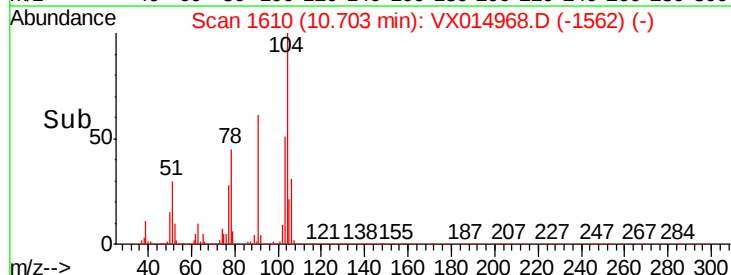
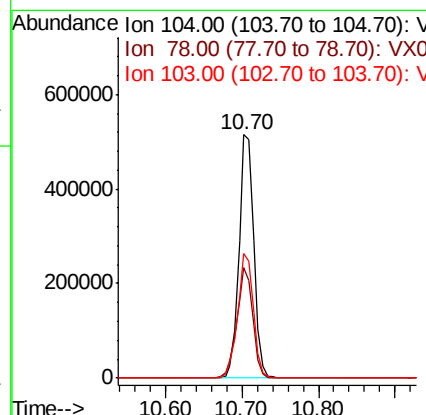
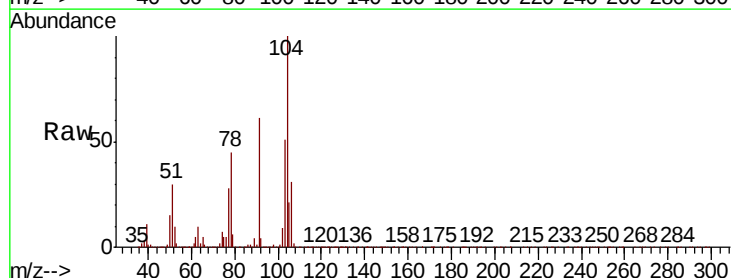
Instrument :
MSVOA_X
ClientSampleId :

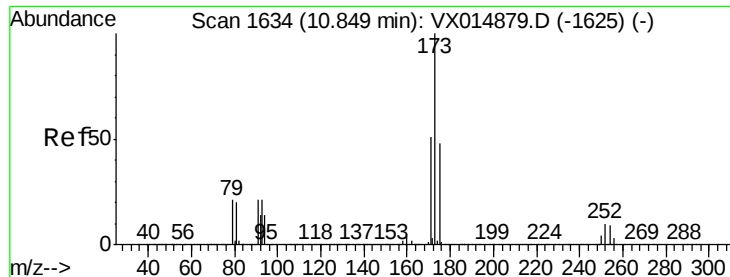
Tot Ion:106 Resp: 394825
Ion Ratio Lower Upper
106 100
91 209.9 105.1 315.3



#70
Styrene
Concen: 51.698 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion:104 Resp: 686540
Ion Ratio Lower Upper
104 100
78 48.5 39.0 58.4
103 54.4 43.4 65.0





#71

Bromoform

Concen: 50.709 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampled :

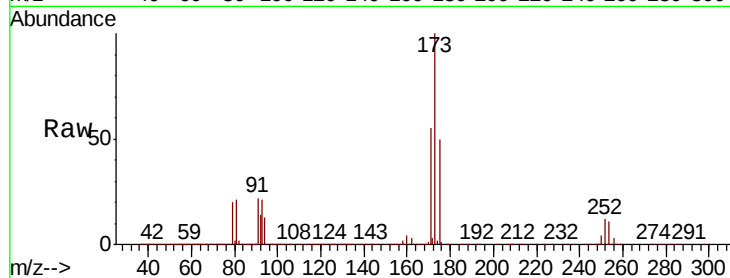
Tot Ion:173 Resp: 191531

Ion Ratio Lower Upper

173 100

175 49.2 24.2 72.6

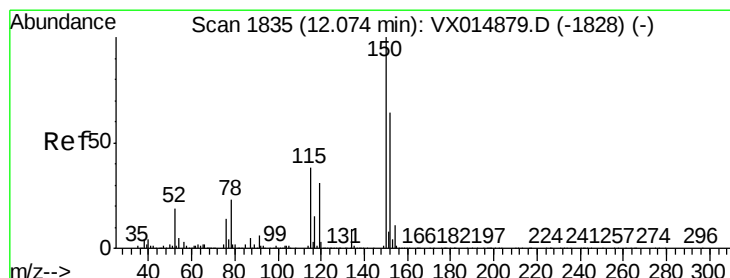
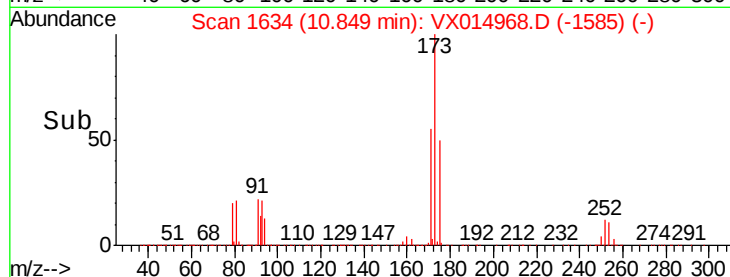
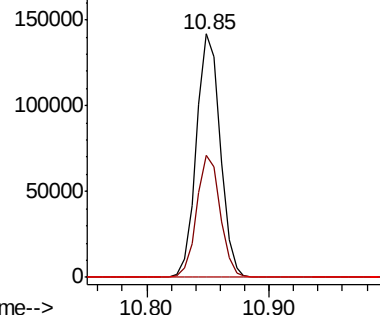
254 0.2 0.2 0.2



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: VX014968.D

Acq: 20 Feb 2020 09:57

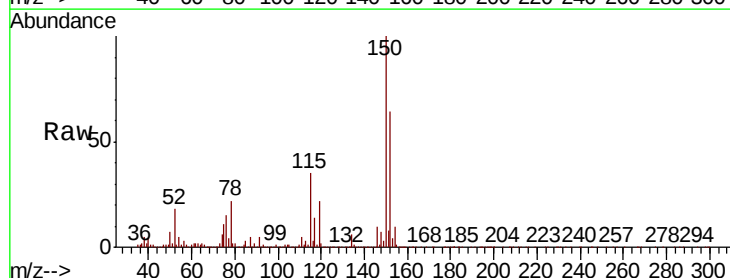
Tgt Ion:152 Resp: 326119

Ion Ratio Lower Upper

152 100

115 76.9 38.6 116.0

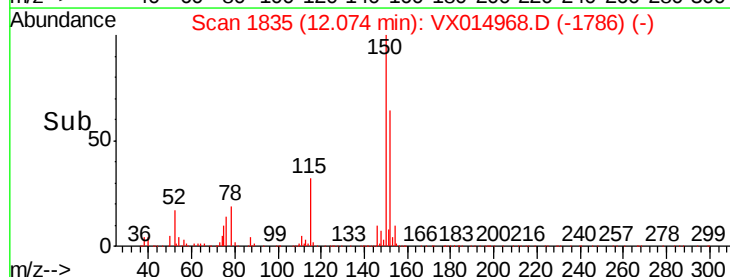
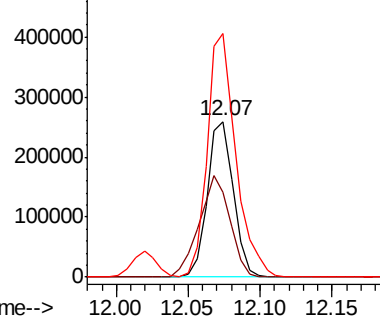
150 172.2 0.0 349.0

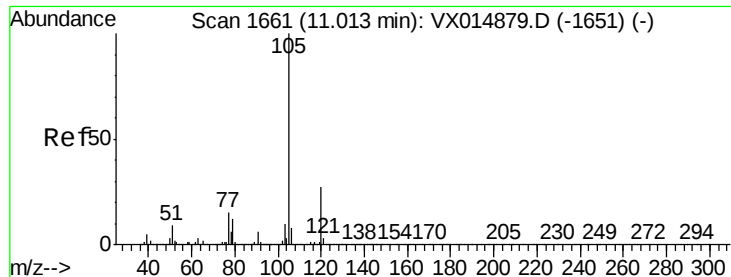


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.235 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

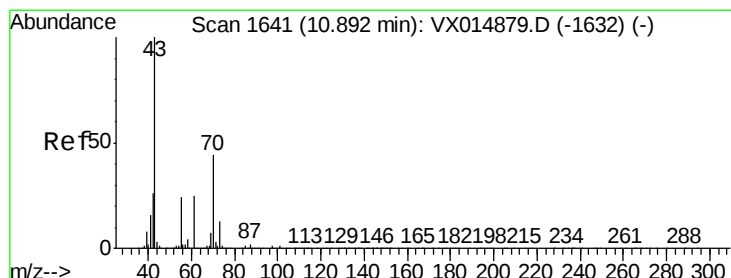
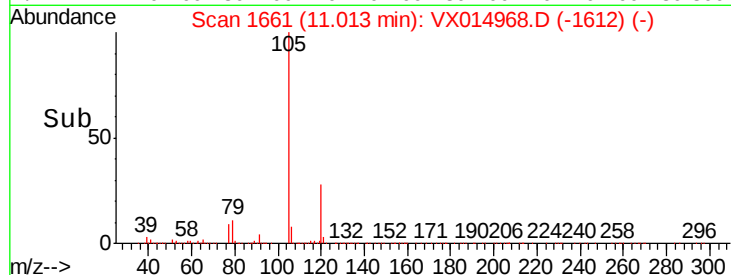
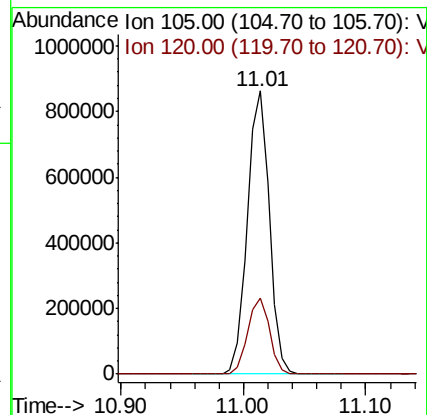
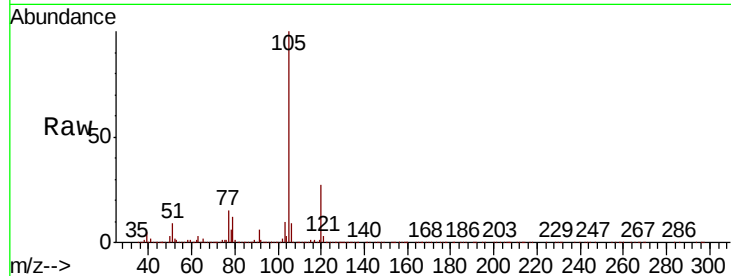
ClientSampleId :

Tot Ion: 105 Resp: 1068281

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.8



#74

N-ethyl acetate

Concen: 52.464 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Tgt Ion: 43 Resp: 445820

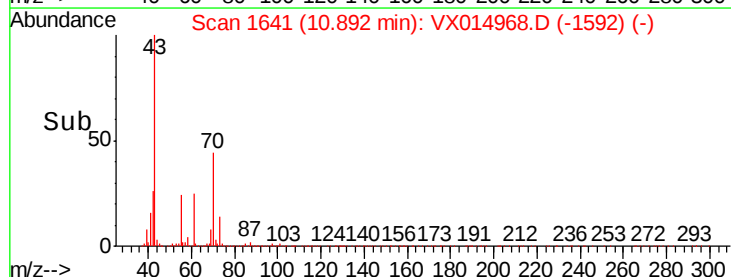
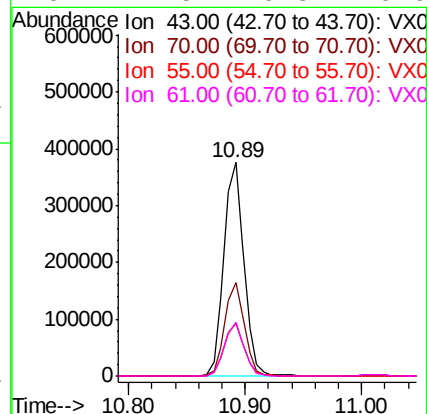
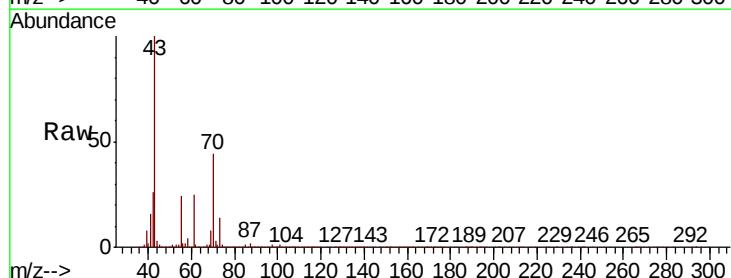
Ion Ratio Lower Upper

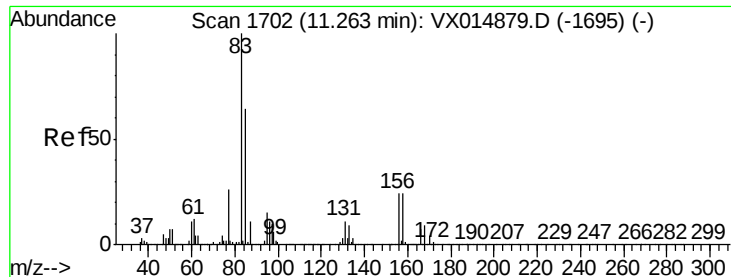
43 100

70 43.2 35.0 52.4

55 24.6 19.4 29.2

61 24.5 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.759 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

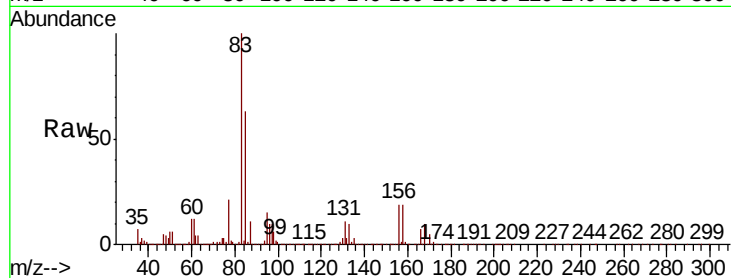
Tot Ion: 83 Resp: 332656

Ion Ratio Lower Upper

83 100

131 10.5 5.3 16.1

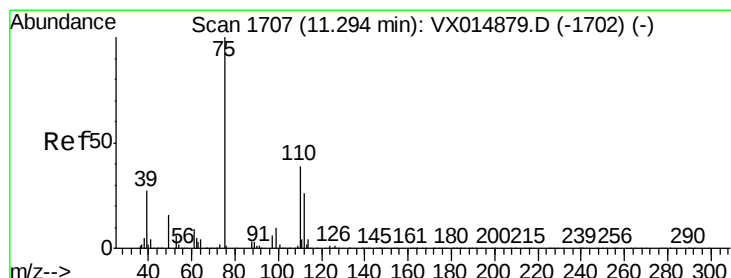
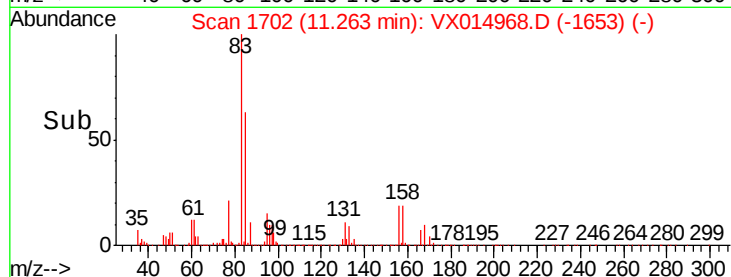
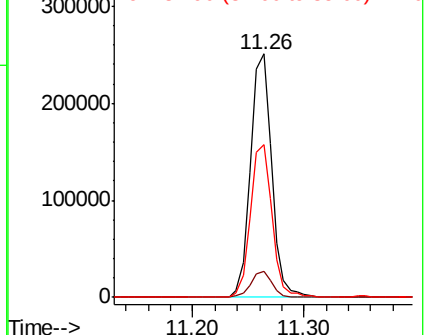
85 63.5 32.6 97.7



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: 66.311 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014968.D

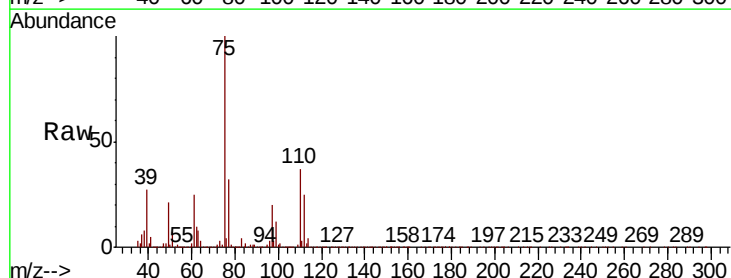
Acq: 20 Feb 2020 09:57

Tgt Ion: 75 Resp: 391053

Ion Ratio Lower Upper

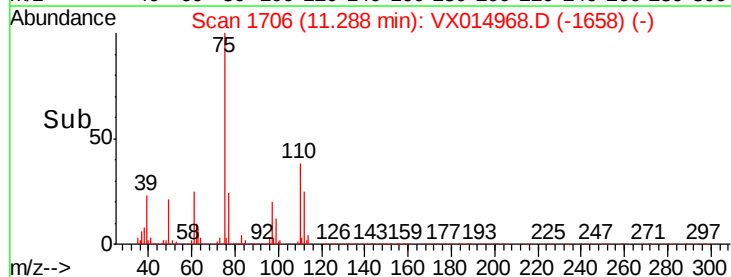
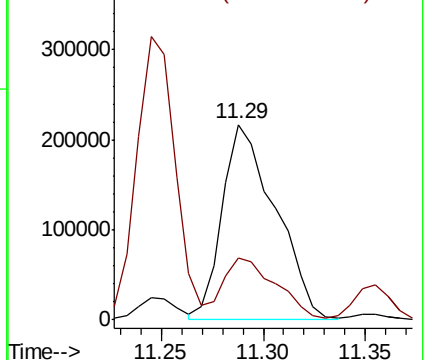
75 100

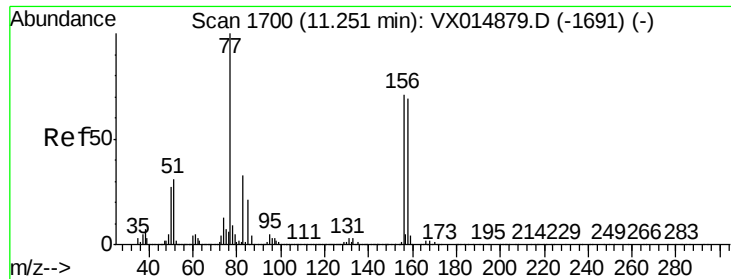
77 31.7 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.724 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

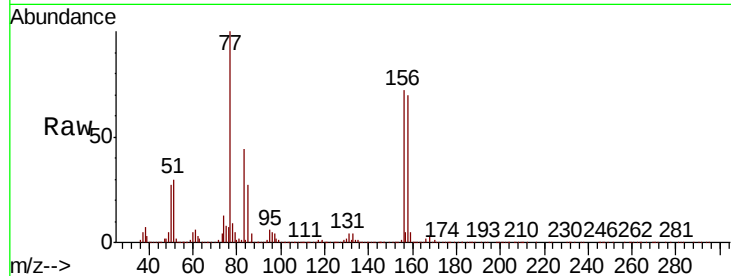
Tot Ion:156 Resp: 278123

Ion Ratio Lower Upper

156 100

77 148.6 74.0 222.0

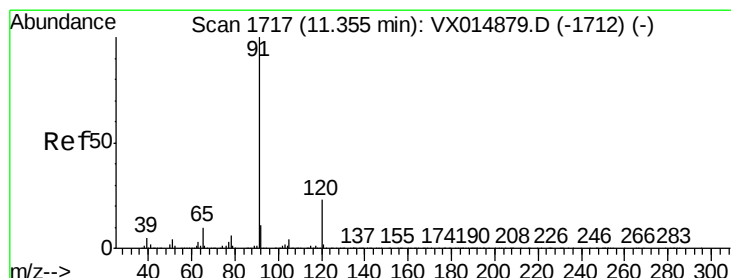
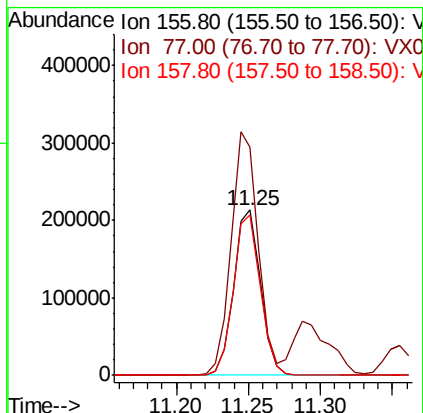
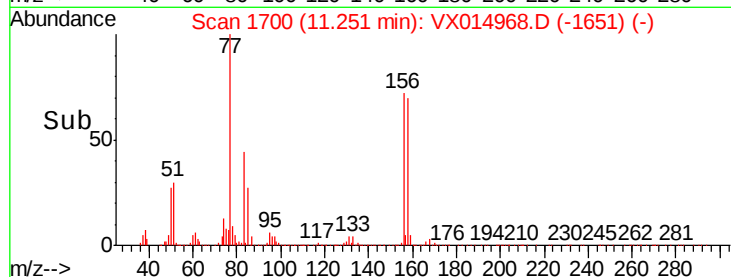
158 98.1 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.940 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014968.D

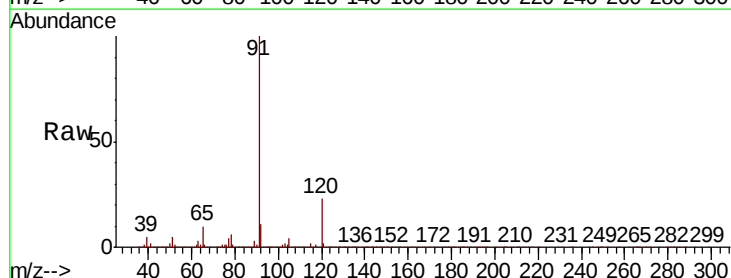
Acq: 20 Feb 2020 09:57

Tgt Ion: 91 Resp: 1228575

Ion Ratio Lower Upper

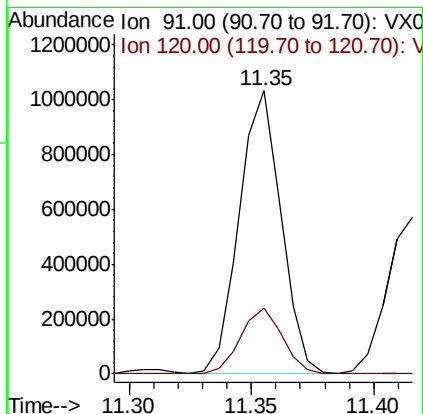
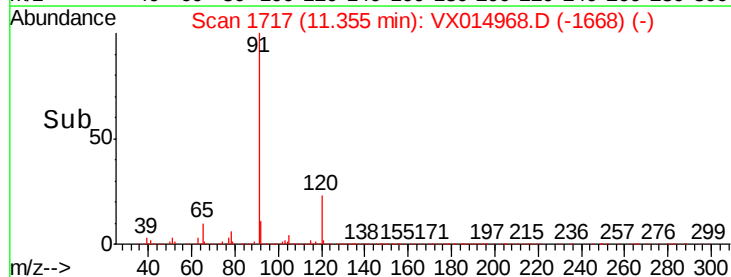
91 100

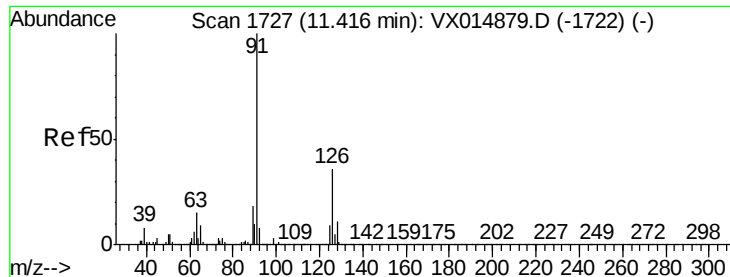
120 23.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

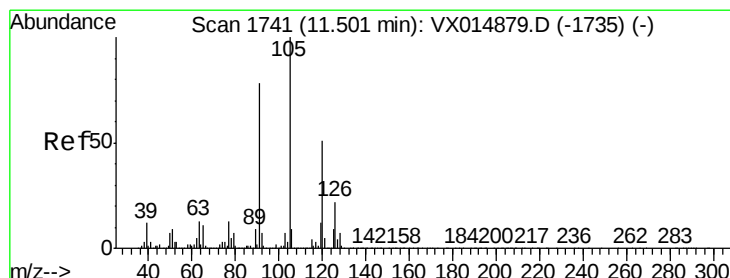
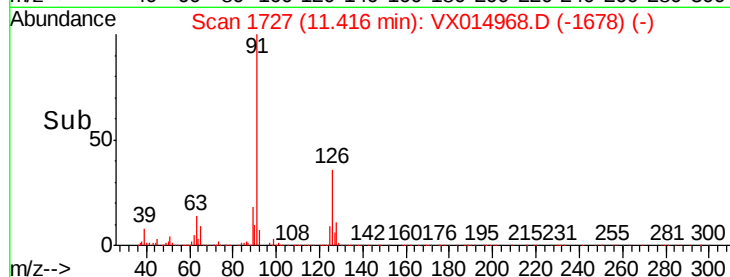
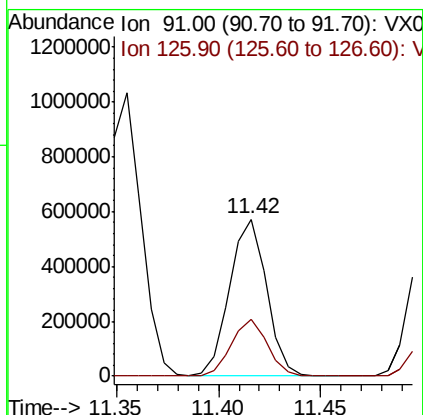
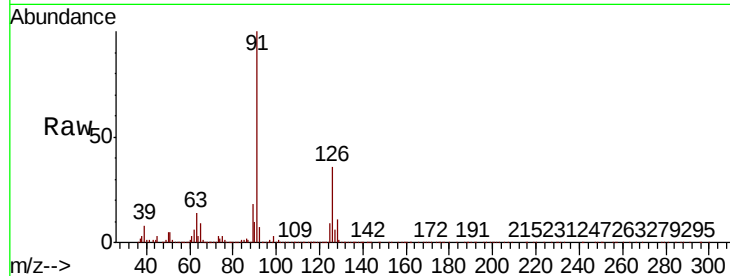




#79
 2-Chlorotoluene
 Concen: 51.447 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014968.D
 Acq: 20 Feb 2020 09:57

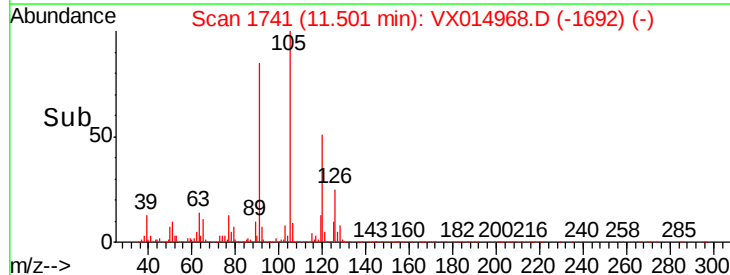
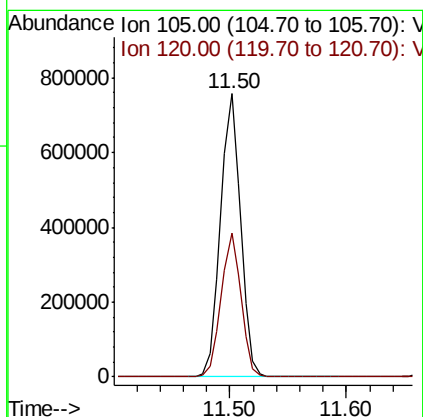
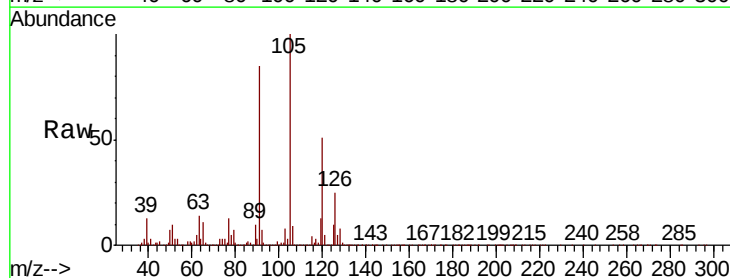
Instrument :
 MSVOA_X
 ClientSampleId :

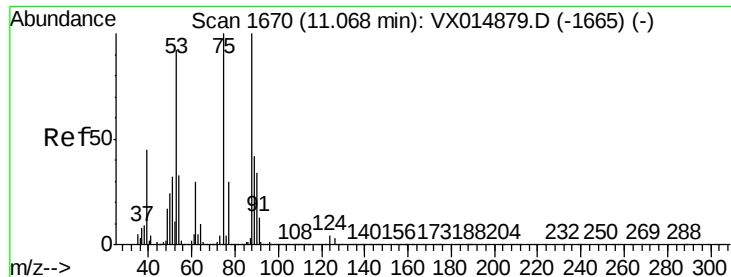
Tot Ion: 91 Resp: 715414
 Ion Ratio Lower Upper
 91 100
 126 35.1 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 52.548 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014968.D
 Acq: 20 Feb 2020 09:57

Tgt Ion: 105 Resp: 897951
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 49.395 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

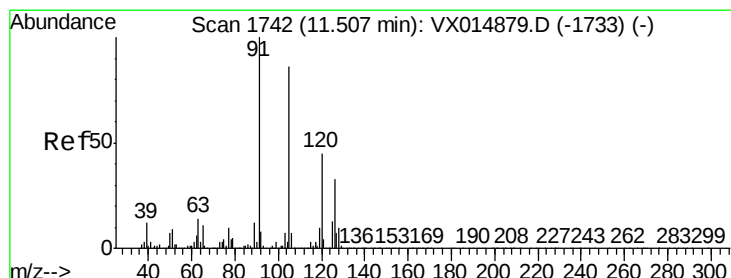
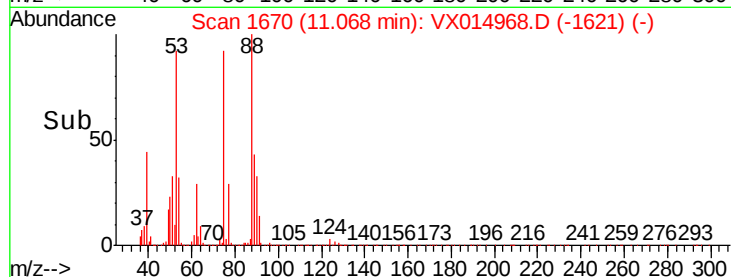
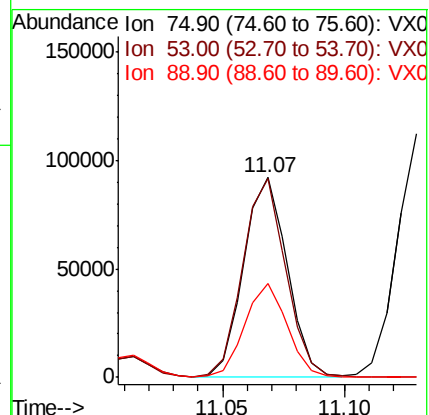
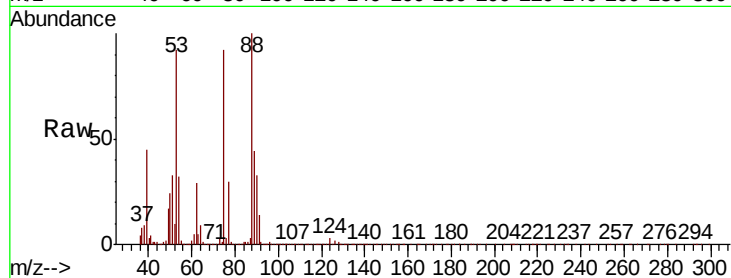
Tot Ion: 75 Resp: 113801

Ion Ratio Lower Upper

75 100

53 98.5 76.2 114.2

89 45.6 35.8 53.6



#82

4-Chlorotoluene

Concen: 50.548 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX014968.D

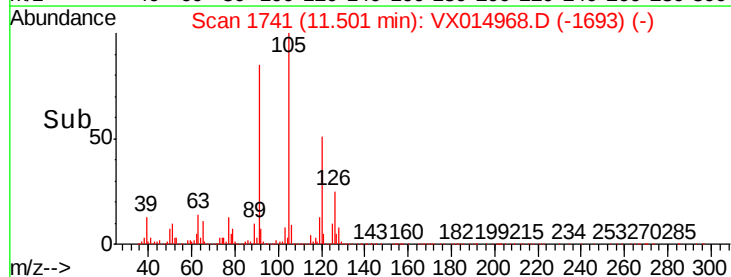
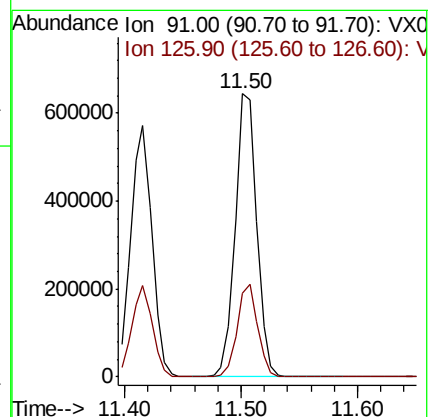
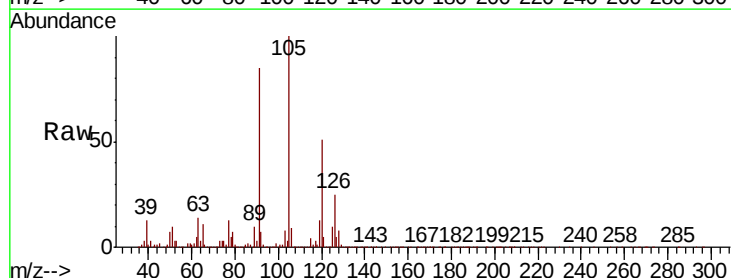
Acq: 20 Feb 2020 09:57

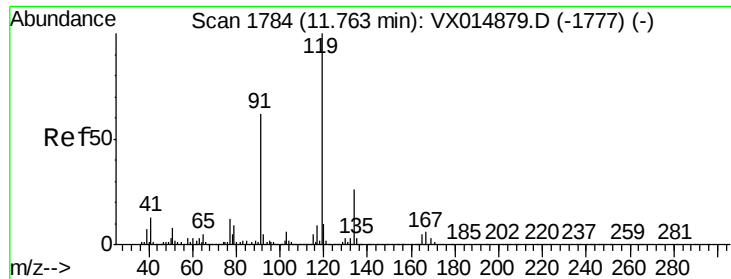
Tgt Ion: 91 Resp: 832406

Ion Ratio Lower Upper

91 100

126 31.2 15.7 47.0

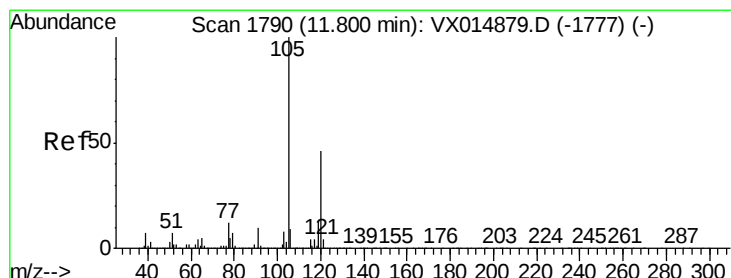
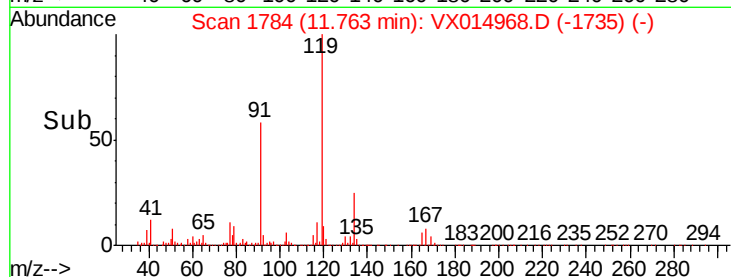
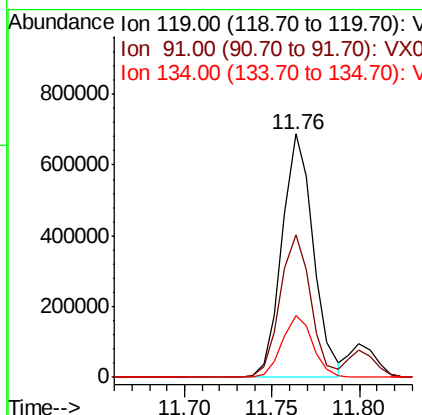
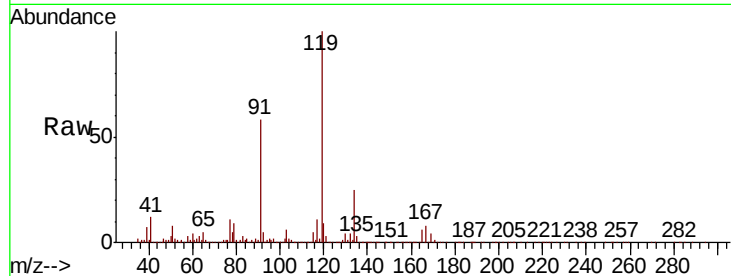




#83
 tert-Butylbenzene
 Concen: 53.428 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014968.D
 Acq: 20 Feb 2020 09:57

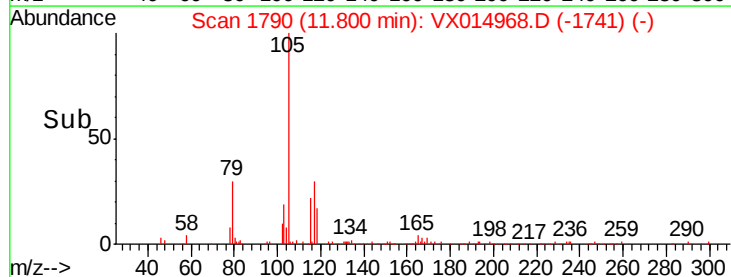
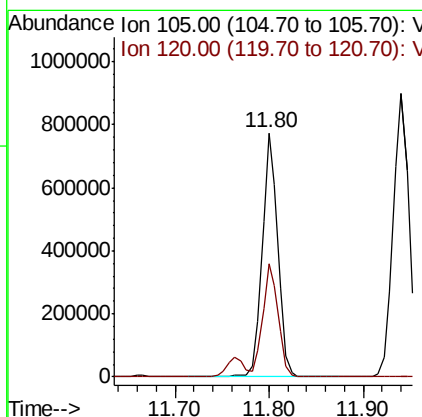
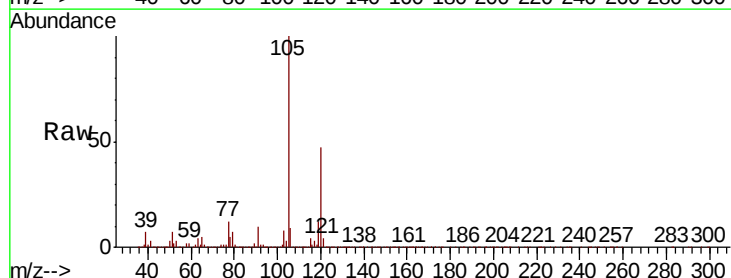
Instrument :
 MSVOA_X
 ClientSampleId :

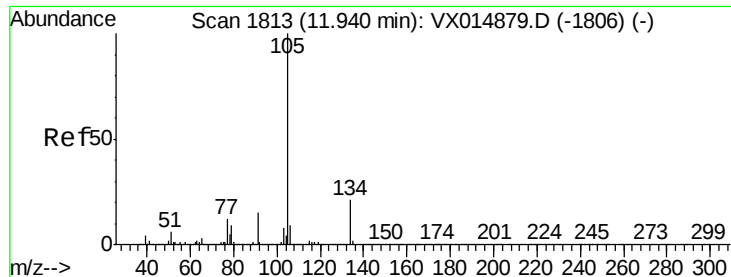
Tot Ion:119 Resp: 864568
 Ion Ratio Lower Upper
 119 100
 91 57.3 29.5 88.6
 134 24.6 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 52.561 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014968.D
 Acq: 20 Feb 2020 09:57

Tgt Ion:105 Resp: 905159
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.0 69.0





#85

sec-Butylbenzene

Concen: 52.718 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

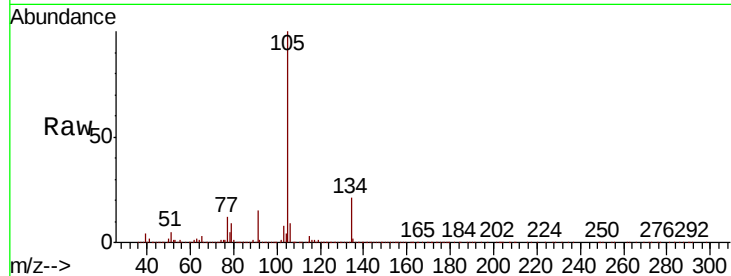
ClientSampled :

Tot Ion:105 Resp: 1059759

Ion Ratio Lower Upper

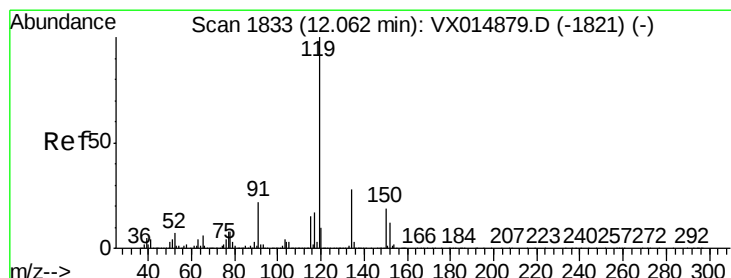
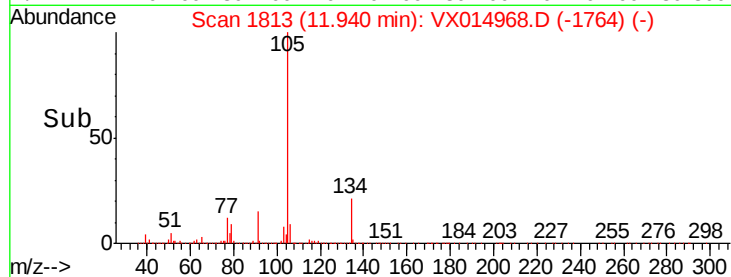
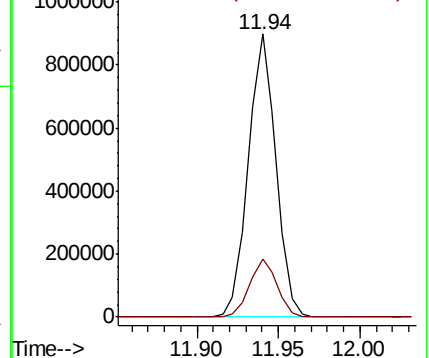
105 100

134 20.7 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.359 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

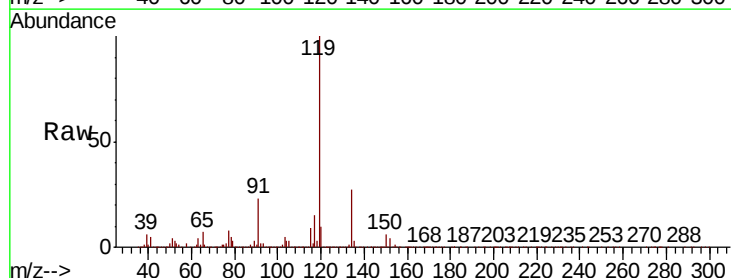
Tgt Ion:119 Resp: 984960

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

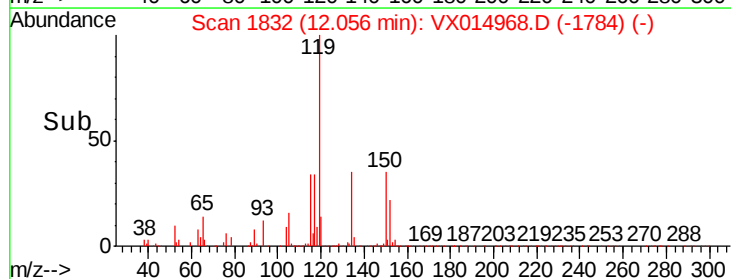
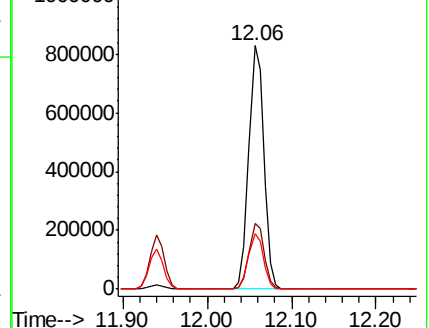
91 22.6 11.4 34.1

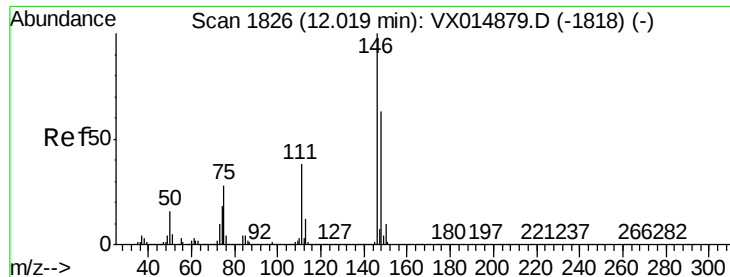


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

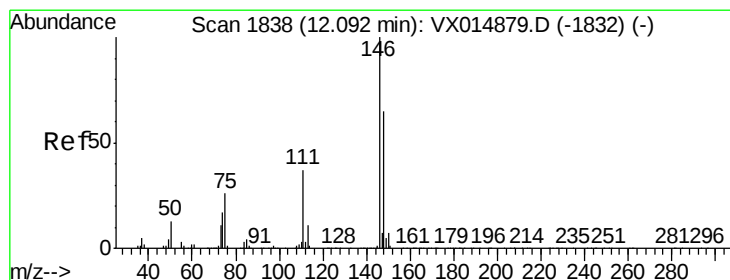
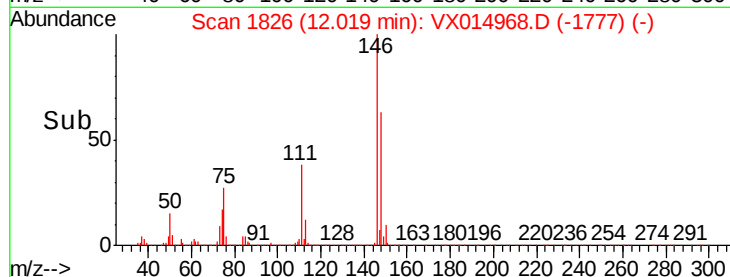
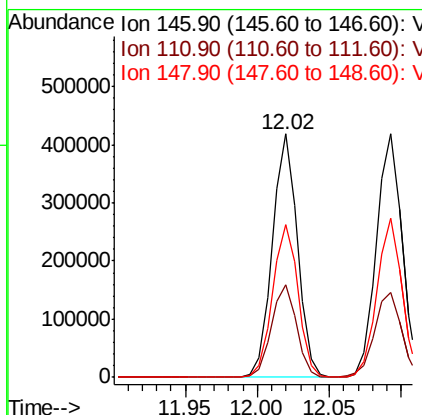
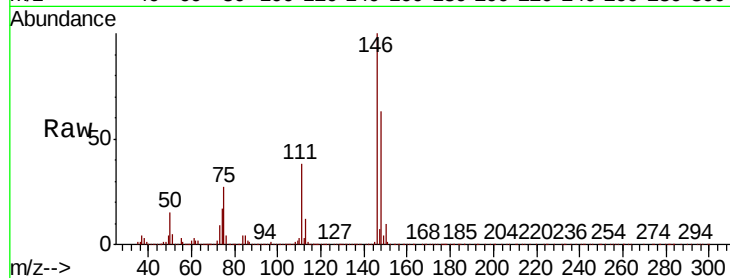




#87
 1,3-Dichlorobenzene
 Concen: 49.558 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014968.D
 Acq: 20 Feb 2020 09:57

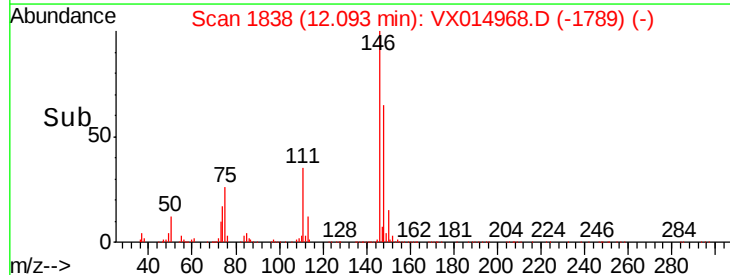
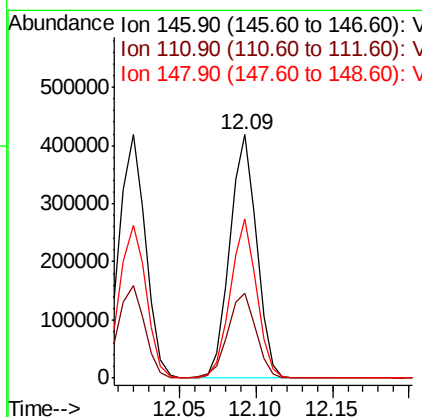
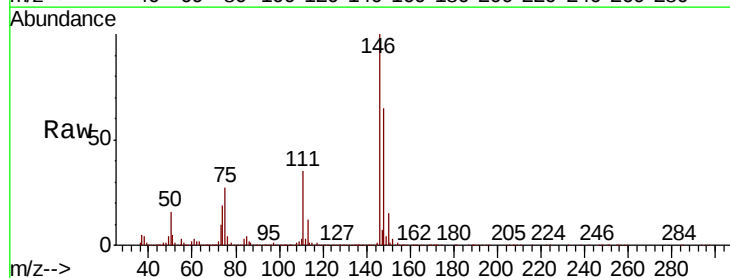
Instrument :
 MSVOA_X
 ClientSampleId :

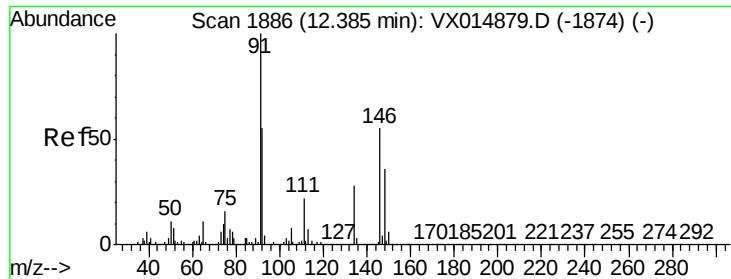
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	56.0
148	63.7	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 48.653 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014968.D
 Acq: 20 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	55.6
148	63.7	32.4	97.0





#89

n-Butylbenzene

Concen: 51.587 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampled :

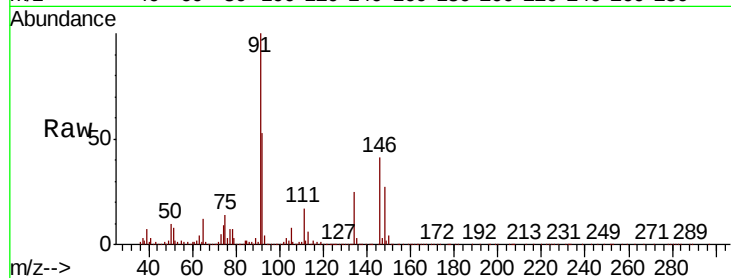
Tot Ion: 91 Resp: 869127

Ion Ratio Lower Upper

91 100

92 54.3 27.3 81.8

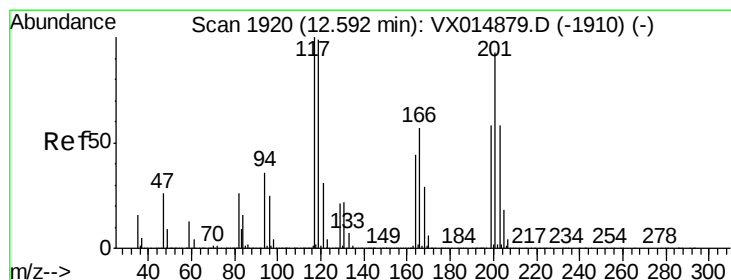
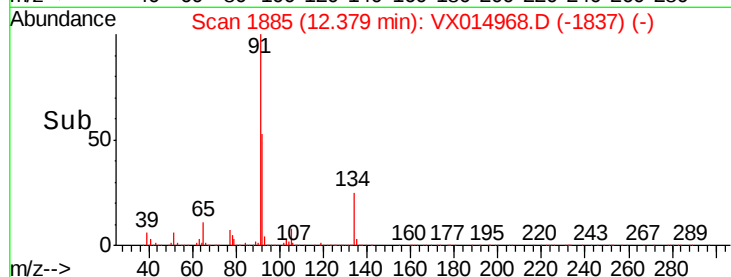
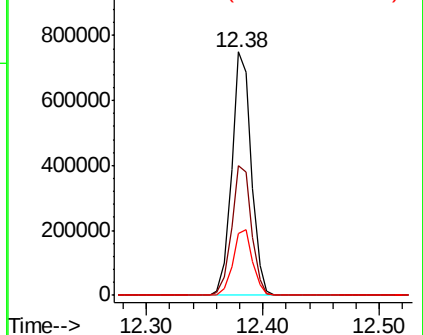
134 27.4 13.8 41.4



Abundance Ion 91.00 (90.70 to 91.70): VX014879.D (-1874) (-)

Ion 92.00 (91.70 to 92.70): VX014879.D (-1874) (-)

Ion 134.00 (133.70 to 134.70): VX014879.D (-1874) (-)



#90

Hexachloroethane

Concen: 53.548 ug/l

RT: 12.59 min Scan# 1919

Delta R.T. -0.01 min

Lab File: VX014968.D

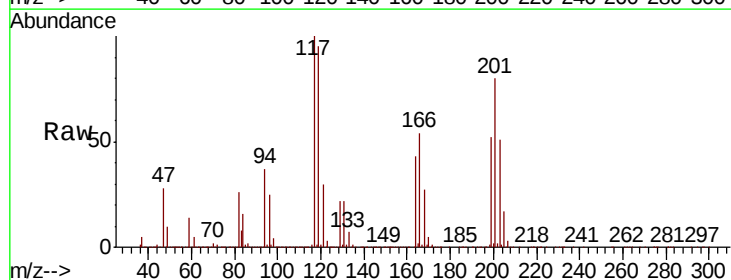
Acq: 20 Feb 2020 09:57

Tgt Ion: 117 Resp: 175913

Ion Ratio Lower Upper

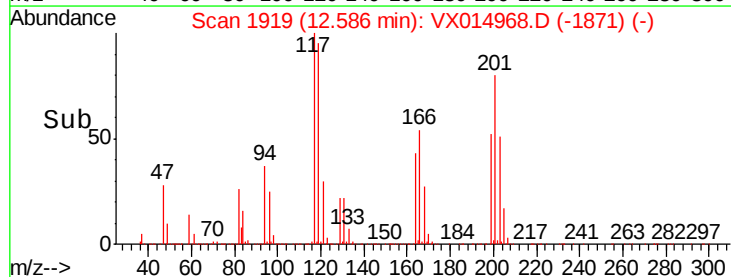
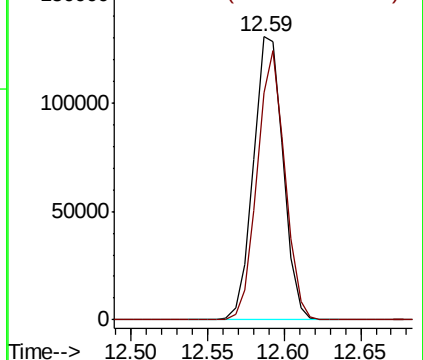
117 100

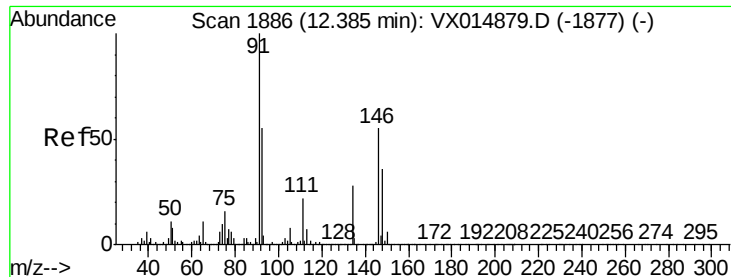
201 89.1 44.8 134.3



Abundance Ion 116.80 (116.50 to 117.50): VX014879.D (-1910) (-)

Ion 200.70 (200.40 to 201.40): VX014879.D (-1910) (-)





#91

1,2-Dichlorobenzene

Concen: 50.009 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

Instrument :

MSVOA_X

ClientSampleId :

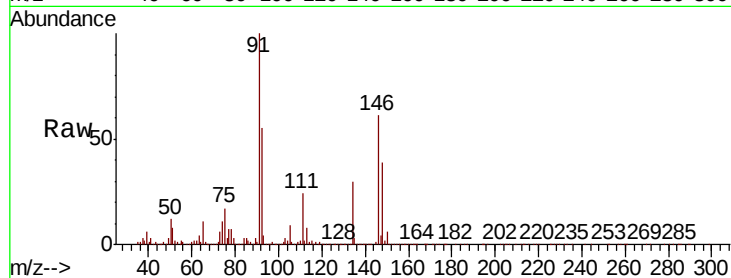
Tot Ion:146 Resp: 502207

Ion Ratio Lower Upper

146 100

111 39.3 19.8 59.3

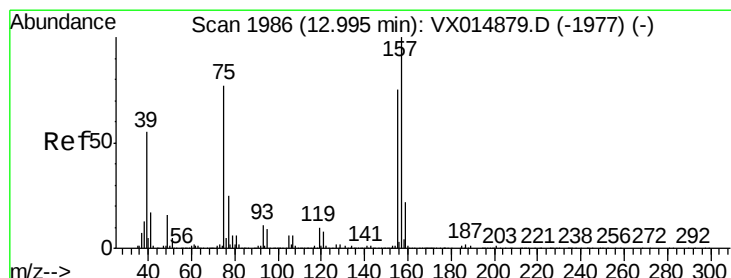
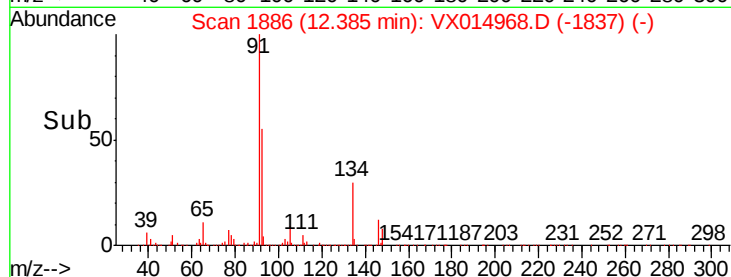
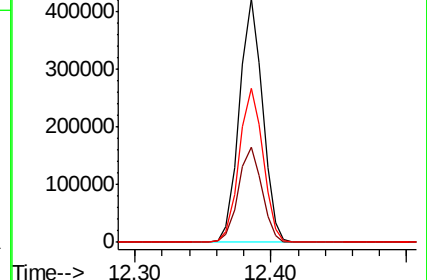
148 64.9 32.4 97.2



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: 45.842 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014968.D

Acq: 20 Feb 2020 09:57

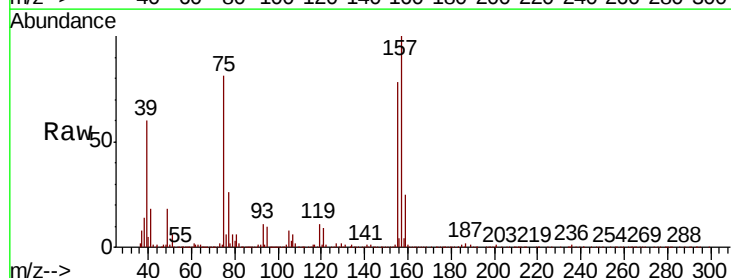
Tgt Ion: 75 Resp: 71899

Ion Ratio Lower Upper

75 100

155 94.6 48.6 145.9

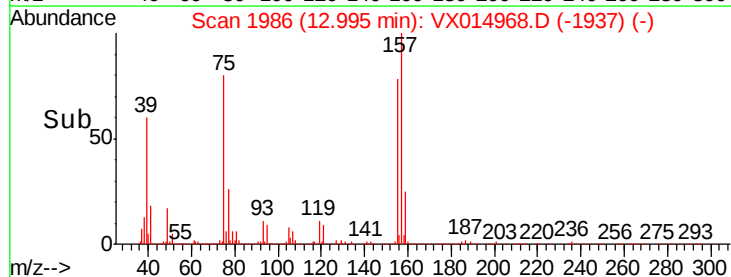
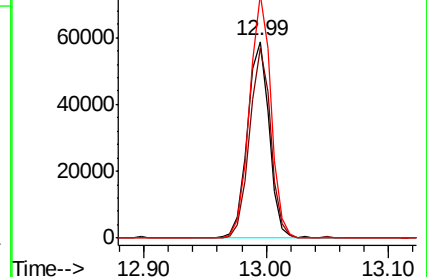
157 123.4 62.0 186.0

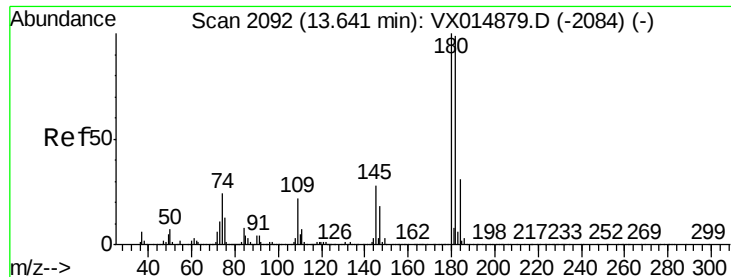


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

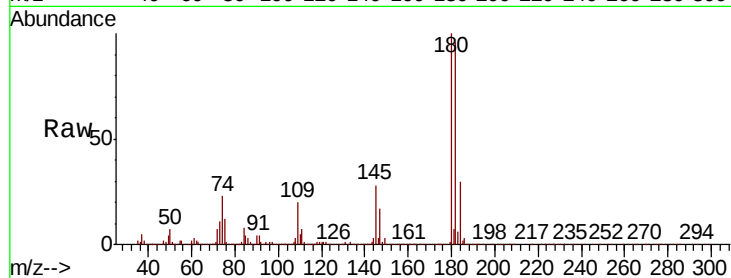




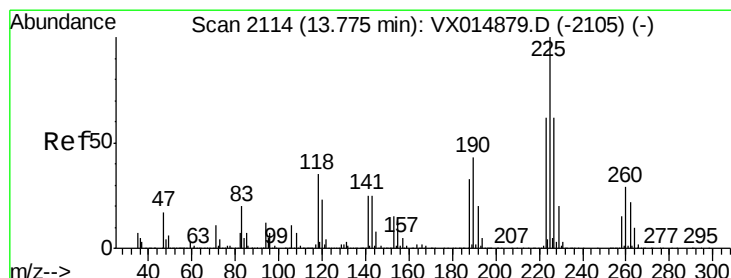
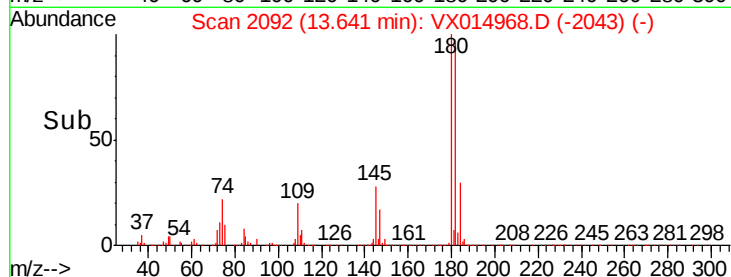
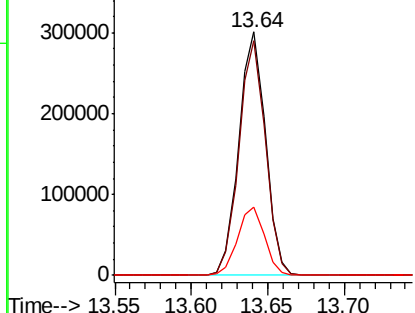
#93
 1,2,4-Trichlorobenzene
 Concen: 49.032 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014968.D
 Acq: 20 Feb 2020 09:57

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.4	145.3
145	28.3	14.1	42.4

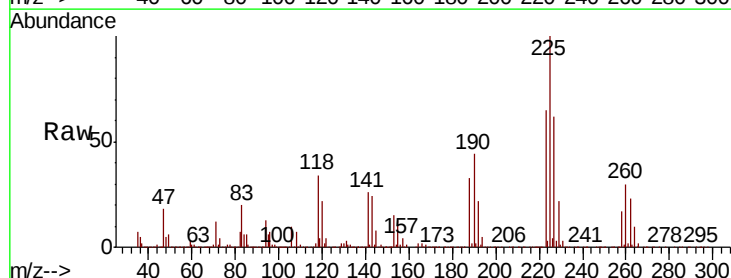


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

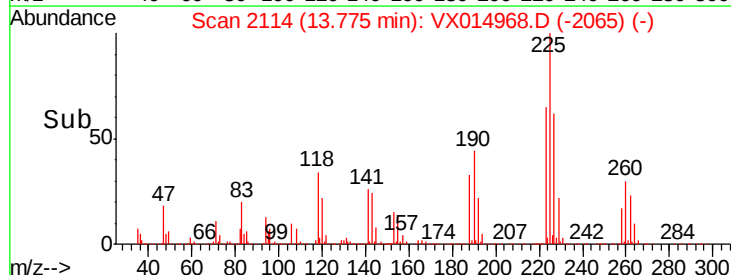
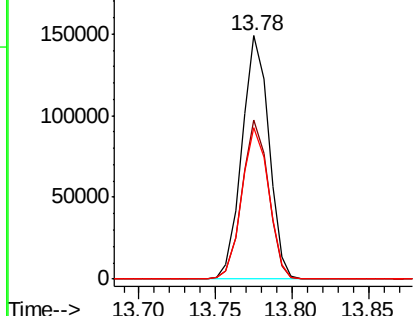


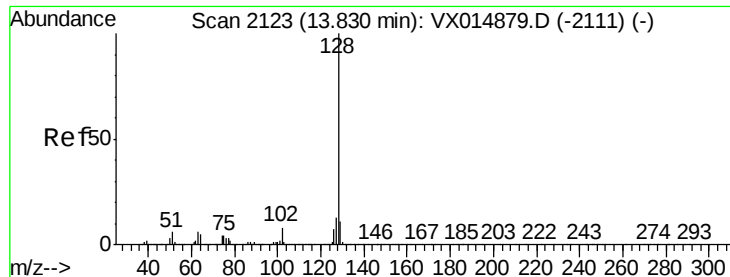
#94
 Hexachlorobutadiene
 Concen: 50.697 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014968.D
 Acq: 20 Feb 2020 09:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.1	93.2
227	62.9	30.9	92.5



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

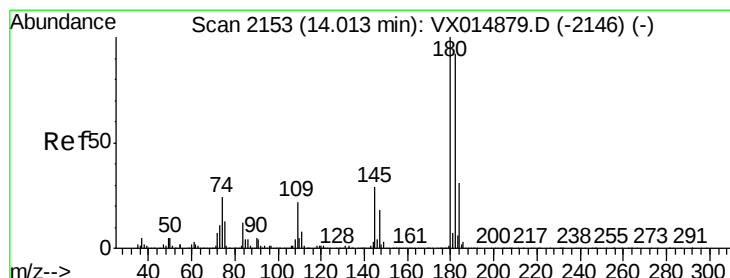
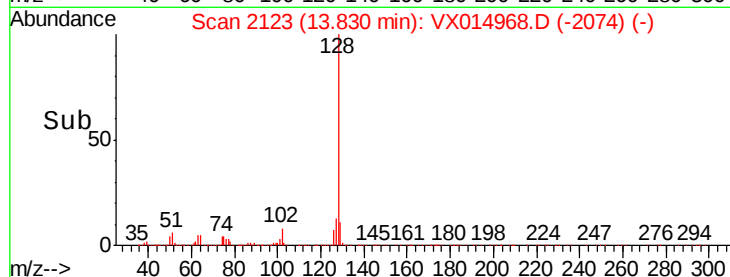
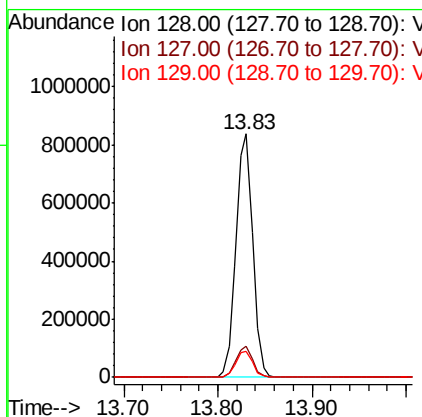
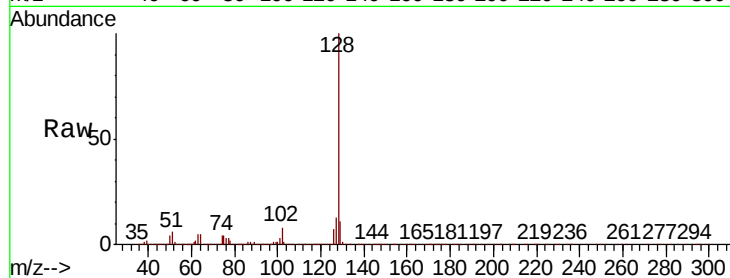




#95
Naphthalene
Concen: 52.362 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1031953
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.421 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014968.D
Acq: 20 Feb 2020 09:57

Tgt Ion:180 Resp: 361079
Ion Ratio Lower Upper
180 100
182 96.3 47.5 142.6
145 29.5 14.5 43.5

