Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011720\
Data File : VX014649.D
Acq On : 17 Jan 2020 13:01
Operator : JC/SP
Sample : L1178-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jan 18 05:06:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	437947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	678479	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	608044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	266387	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	247794	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.36%			
35) Dibromofluoromethane	5.49	113	207456	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.02%			
50) Toluene-d8	8.71	98	801471	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.58%			
62) 4-Bromofluorobenzene	11.13	95	269823	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.22%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	328	0.313	ug/l #	1
3) Chloromethane	1.32	50	1585	0.284	ug/l #	84
5) Bromomethane	1.65	94	2507	0.608	ug/l #	80
6) Chloroethane	1.71	64	597	Below Cal	#	57
10) Methyl Iodide	2.51	142	2790	0.543	ug/l #	55
11) Tert butyl alcohol	3.05	59	585	0.573	ug/l #	72
13) Acrolein	2.29	56	828	1.012	ug/l #	75
16) Acetone	2.43	43	11101	0.356	ug/l	92
17) Carbon Disulfide	2.56	76	2855	0.237	ug/l	99
18) Methyl Acetate	2.78	43	1828	0.260	ug/l #	61
20) Methylene Chloride	2.84	84	4781	0.972	ug/l #	85
25) 2-Butanone	4.69	43	1600	0.438	ug/l #	82
31) Cyclohexane	5.65	56	8697	1.164	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	30594	4.795	ug/l #	52
38) Carbon Tetrachloride	5.65	117	39578	6.741	ug/l #	16
41) Methacrylonitrile	5.03	41	756	0.205	ug/l #	67
49) 1,4-Dioxane	7.72	88	187	1.646	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.39	63	533	0.210	ug/l	99
68) m/p-Xylenes	10.35	106	2024	0.233	ug/l #	38
76) 1,2,3-Trichloropropane	11.13	75	130615	23.698	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	130615	62.654	ug/l #	12
88) 1,4-Dichlorobenzene	12.03	146	1357	Below Cal		74
93) 1,2,4-Trichlorobenzene	13.79	180	232	Below Cal		91
94) Hexachlorobutadiene	13.77	225	654	0.279	ug/l	78
95) Naphthalene	13.83	128	4892	0.246	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.79	180	232	Below Cal		87

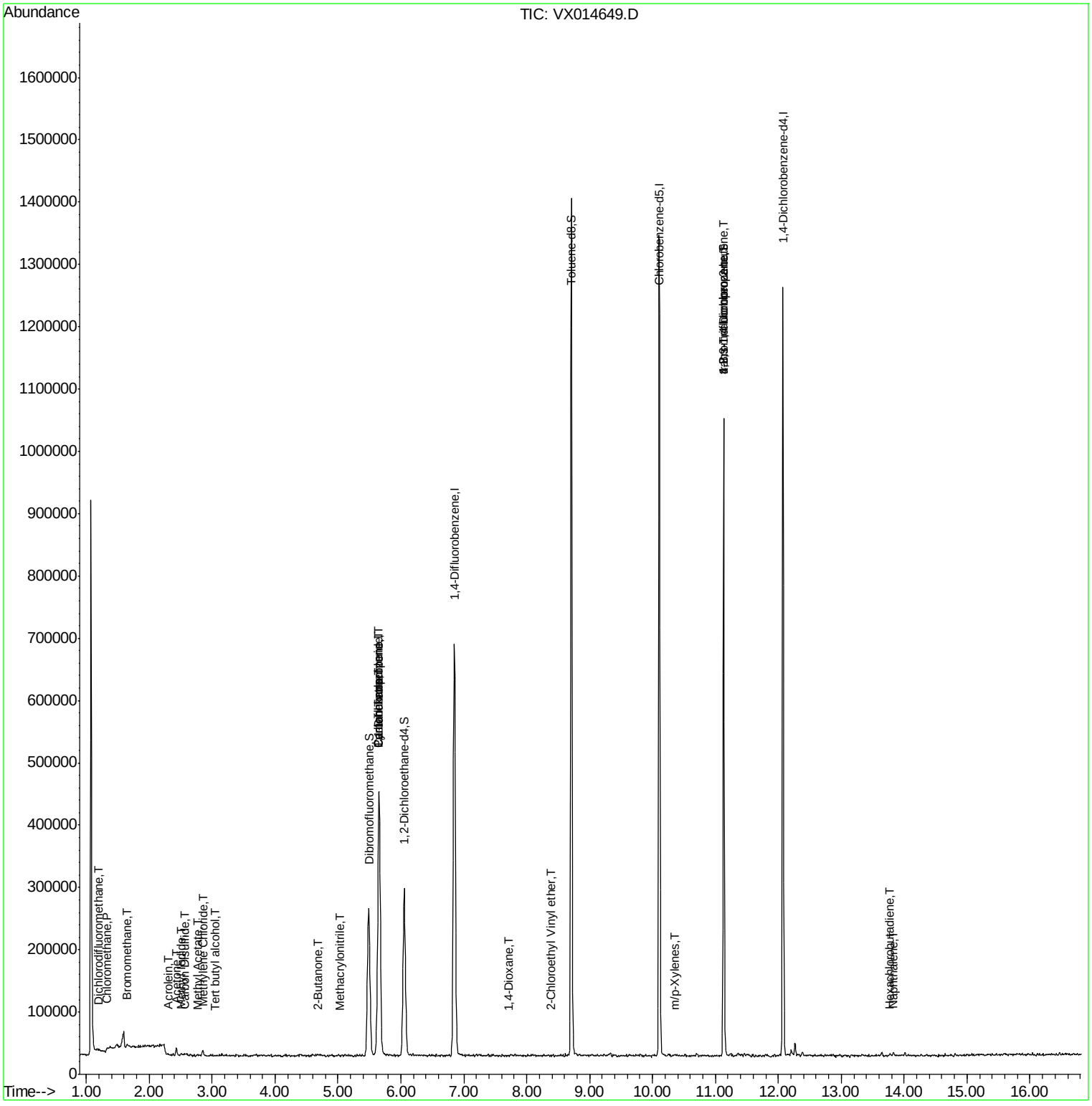
(#) = qualifier out of range (m) = manual integration (+) = signals summed

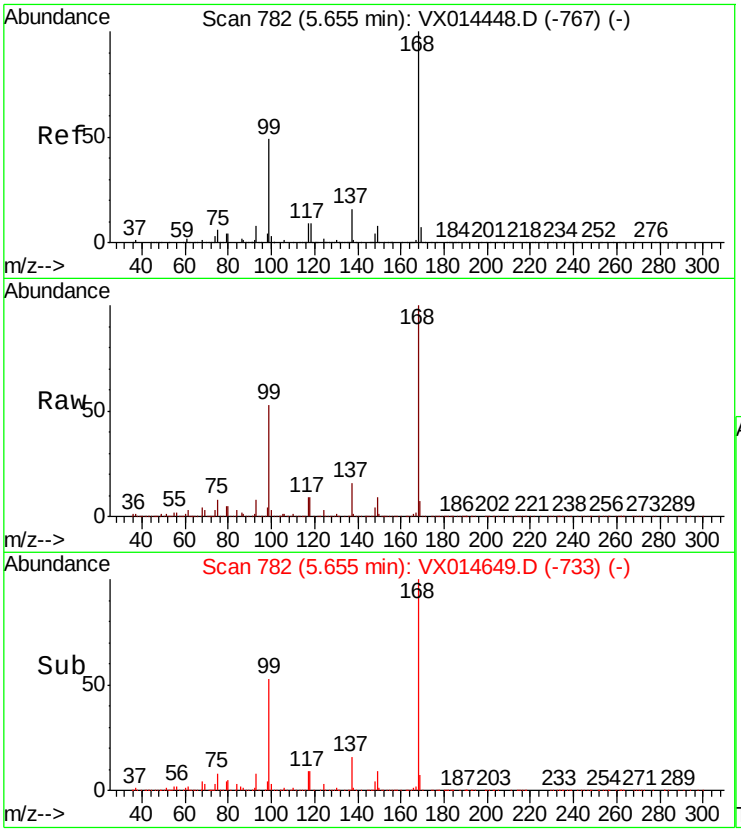
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011720\
Data File : VX014649.D
Acq On : 17 Jan 2020 13:01
Operator : JC/SP
Sample : L1178-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 18 05:06:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration



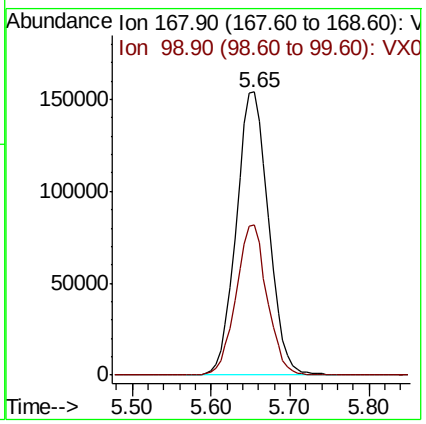


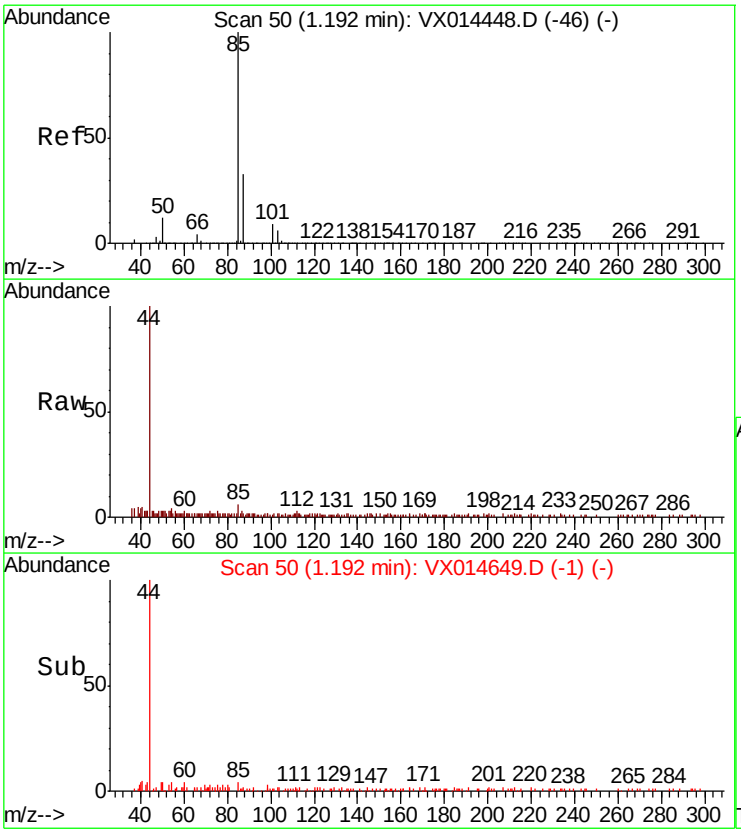
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.00 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 437947

Ion	Ratio	Lower	Upper
168	100		
99	52.9	39.2	58.8

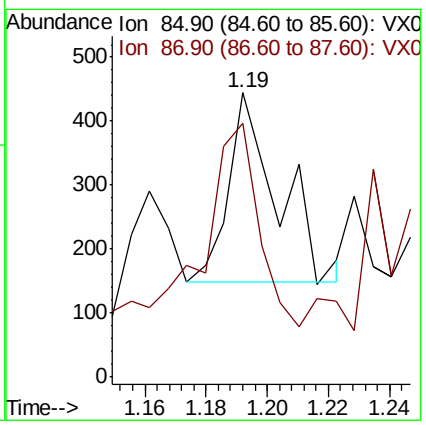


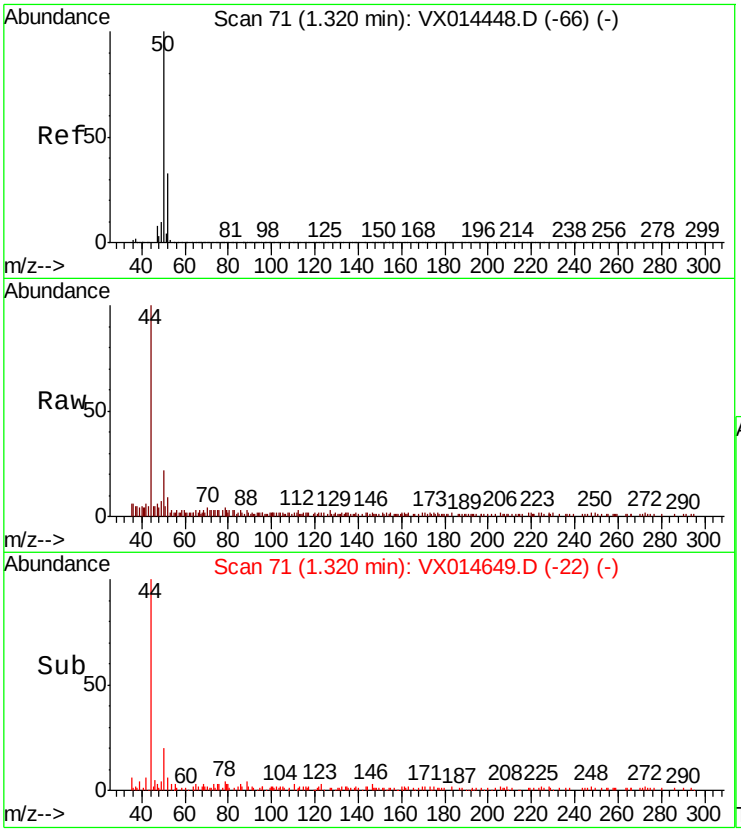


#2
Dichlorodifluoromethane
Concen: 0.313 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Tgt Ion: 85 Resp: 328

Ion	Ratio	Lower	Upper
85	100		
87	94.6	16.5	49.5#



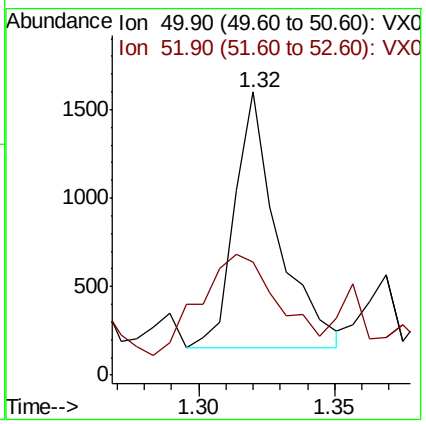


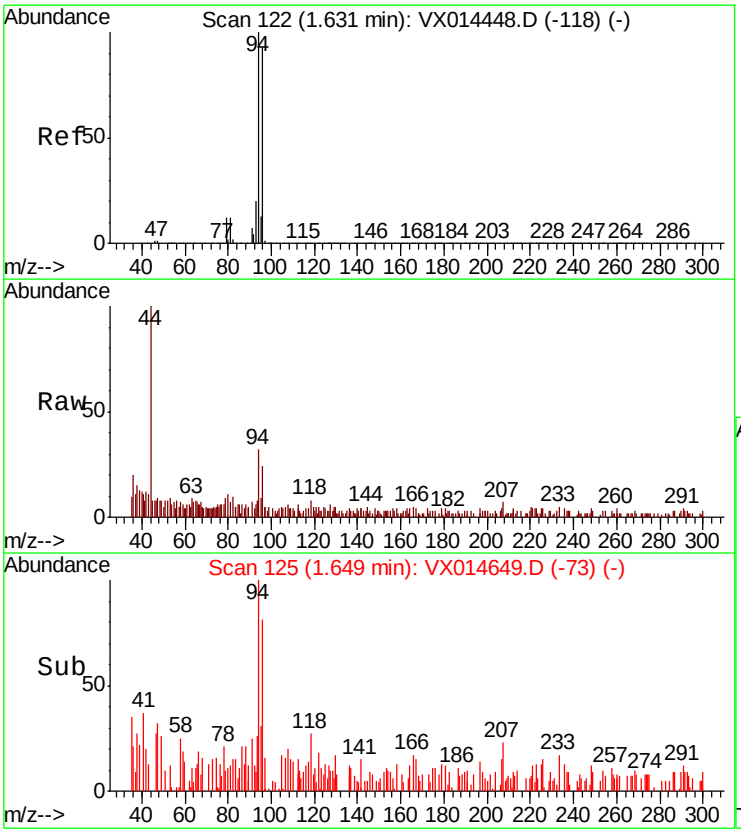
#3
Chloromethane
Concen: 0.284 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 1585

Ion	Ratio	Lower	Upper
50	100		
52	23.5	26.1	39.1#

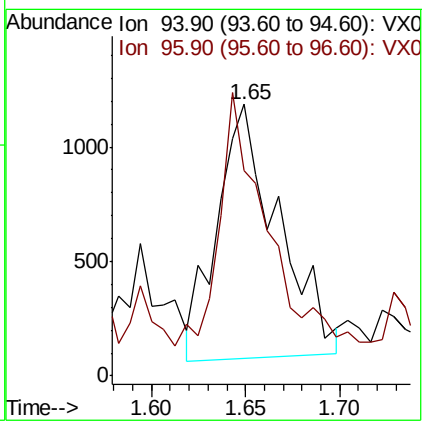


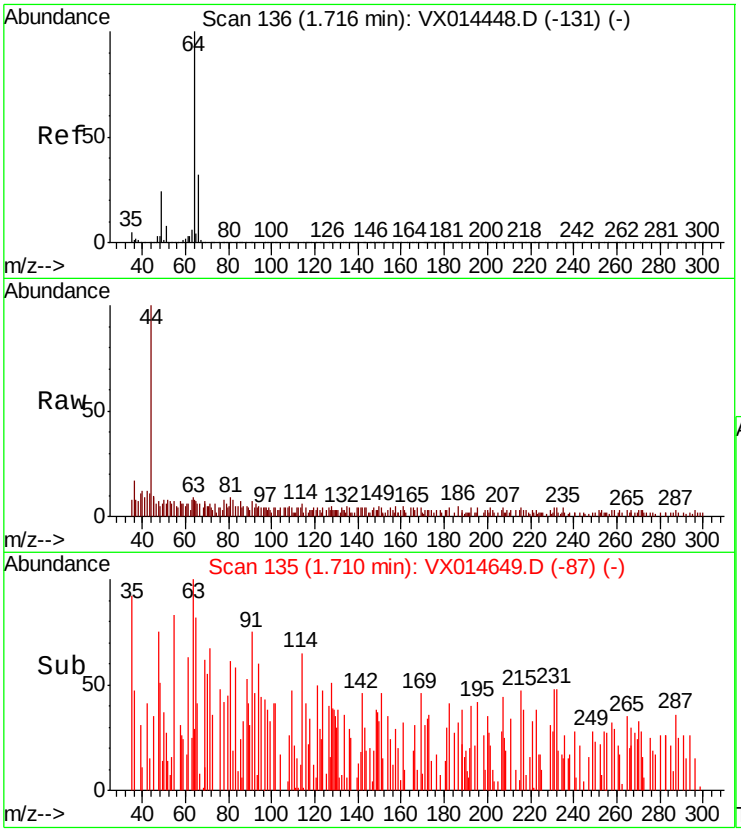


#5
Bromomethane
Concen: 0.608 ug/l
RT: 1.65 min Scan# 125
Delta R.T. 0.02 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Tgt Ion: 94 Resp: 2507

Ion	Ratio	Lower	Upper
94	100		
96	73.4	74.2	111.2#



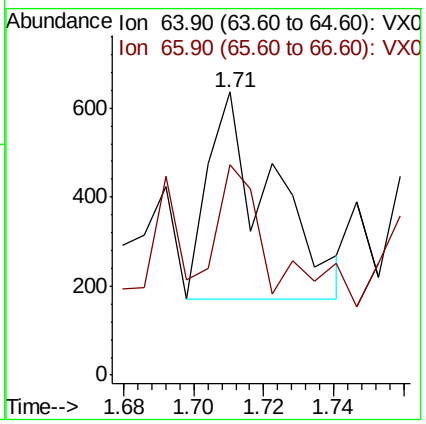


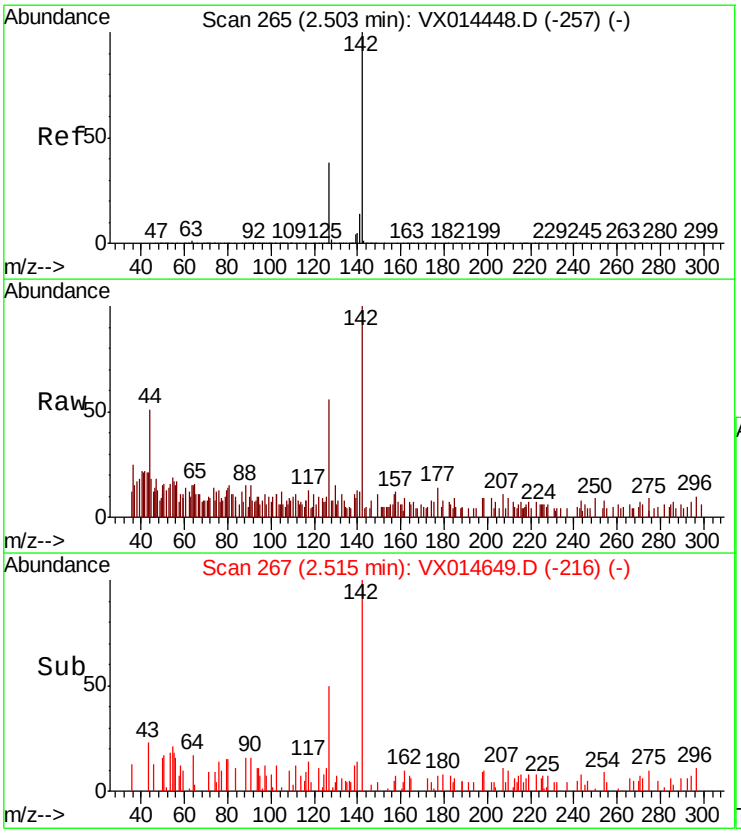
#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 597

Ion	Ratio	Lower	Upper
64	100		
66	55.3	25.3	37.9#

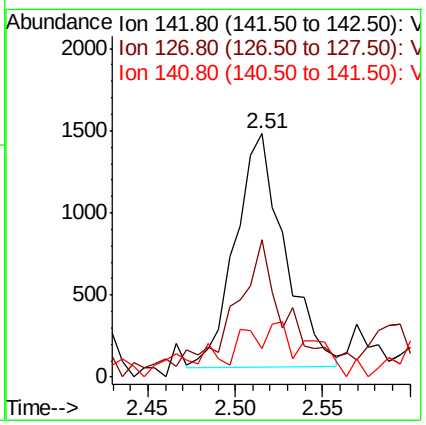


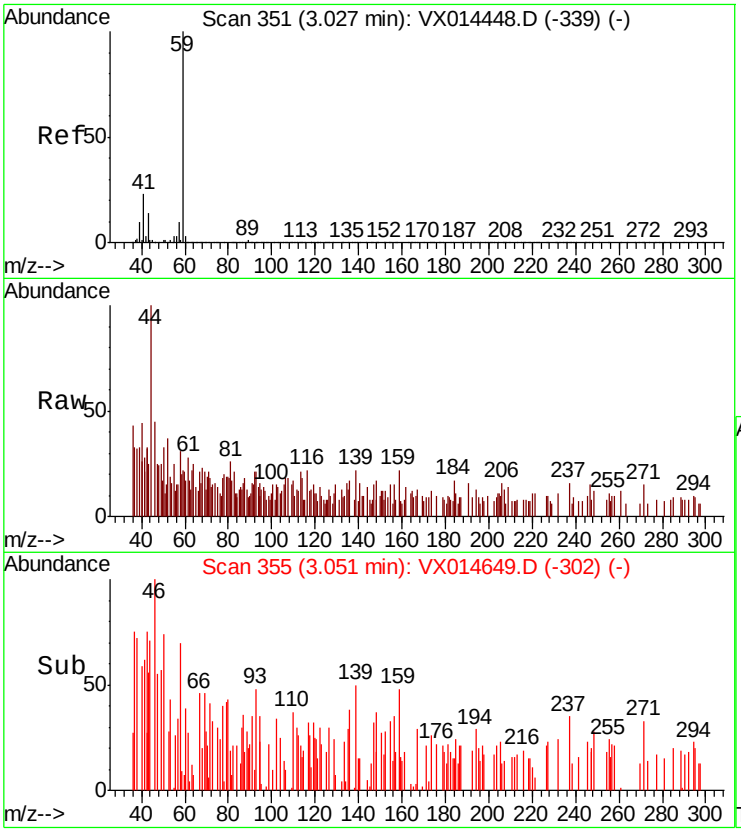


#10
Methyl Iodide
Concen: 0.543 ug/l
RT: 2.51 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Tgt Ion:142 Resp: 2790

Ion	Ratio	Lower	Upper
142	100		
127	72.1	31.2	46.8#
141	6.9	11.4	17.2#



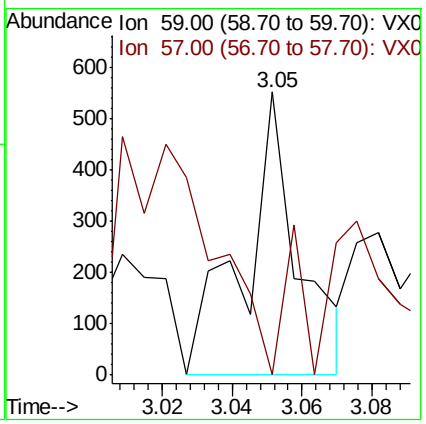


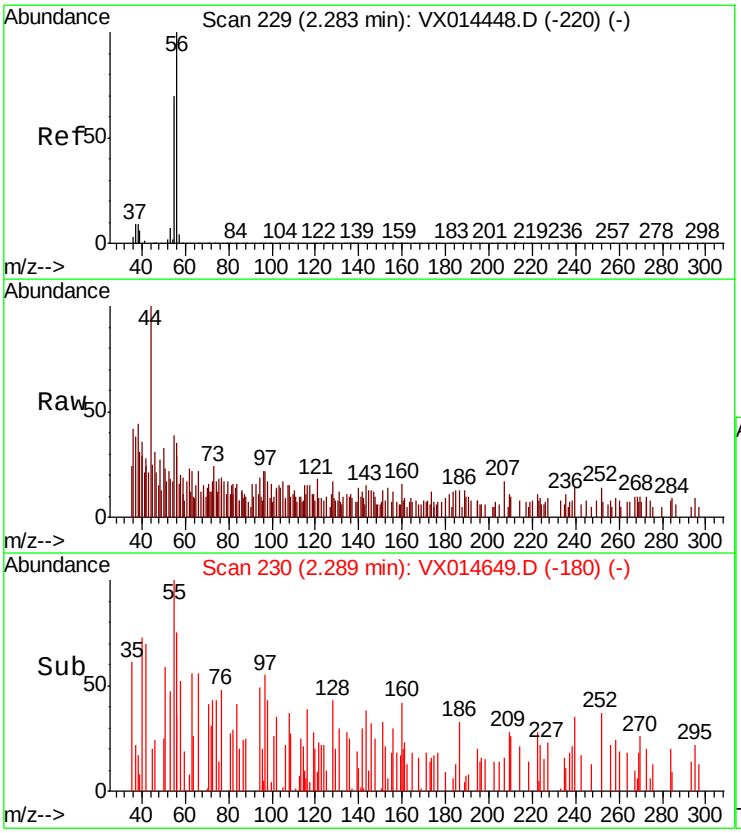
#11
Tert butyl alcohol
Concen: 0.573 ug/l
RT: 3.05 min Scan# 355
Delta R.T. 0.02 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 585

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#

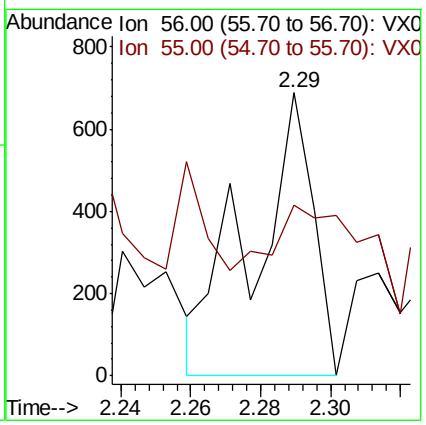


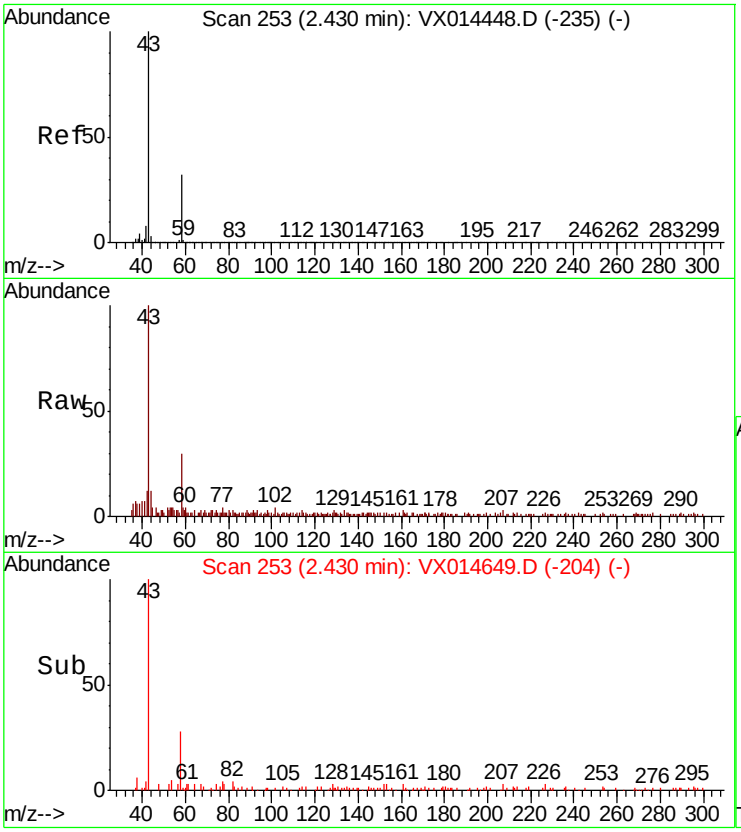


#13
Acrolein
Concen: 1.012 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Tgt Ion: 56 Resp: 828

Ion	Ratio	Lower	Upper
56	100		
55	48.8	55.0	82.6#



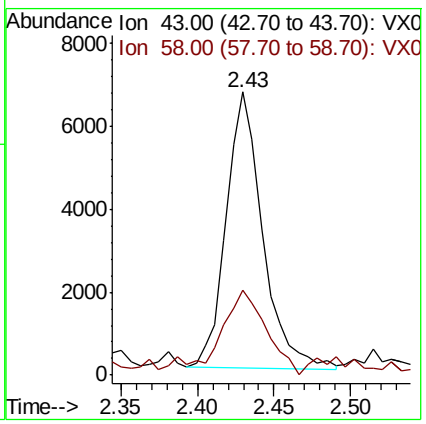


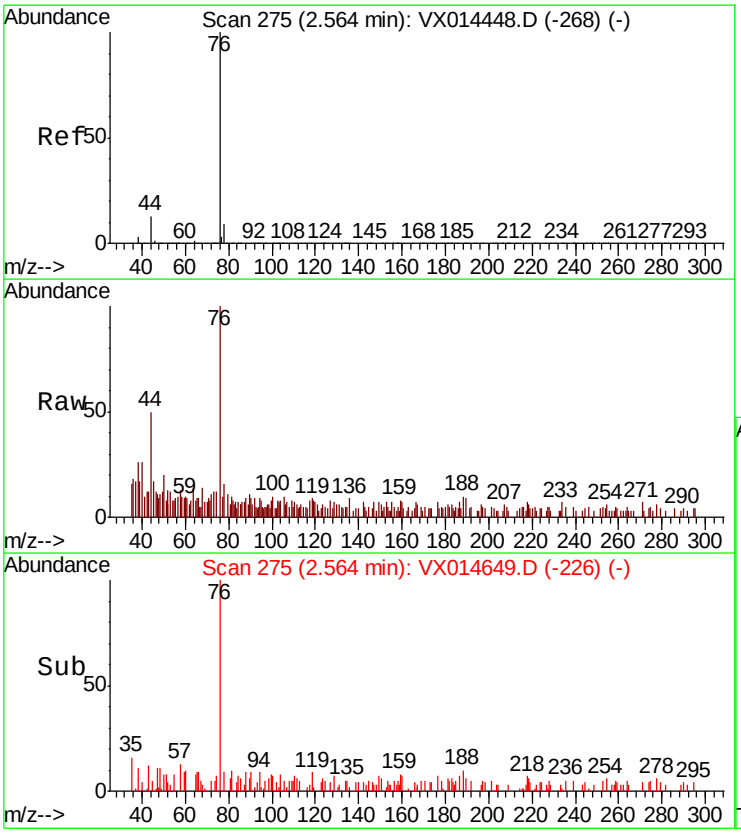
#16
Acetone
Concen: 0.356 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 11101

Ion	Ratio	Lower	Upper
43	100		
58	27.2	25.4	38.0

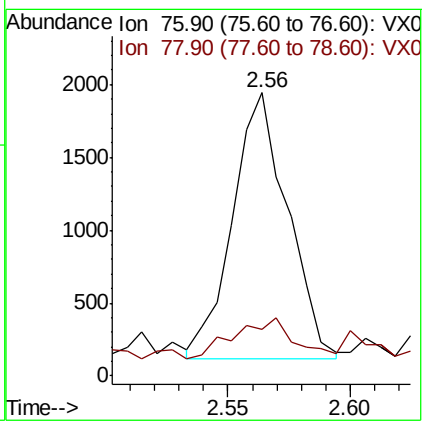


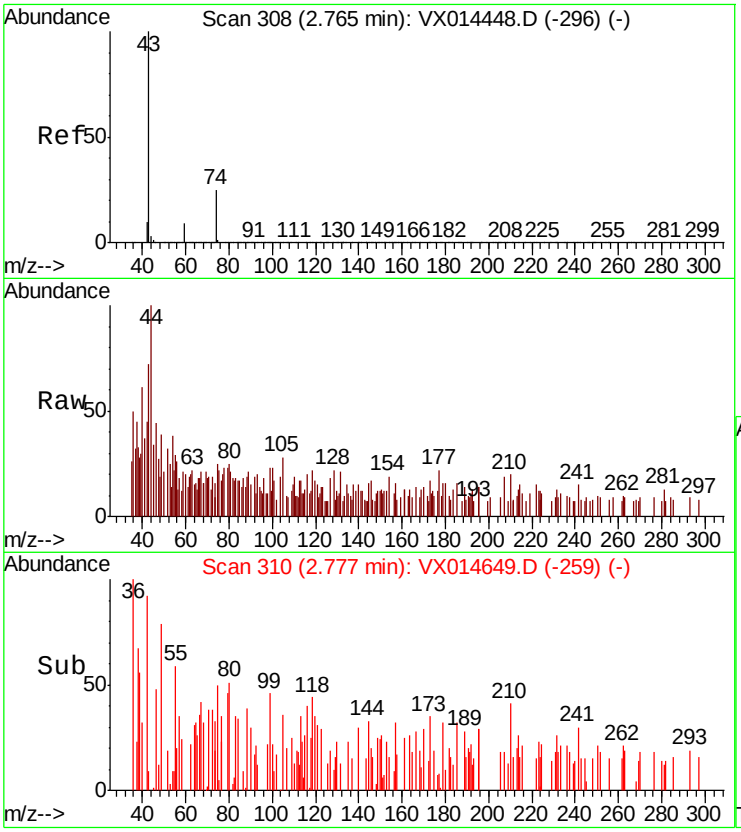


#17
Carbon Disulfide
Concen: 0.237 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Tgt Ion: 76 Resp: 2855

Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.4	11.2



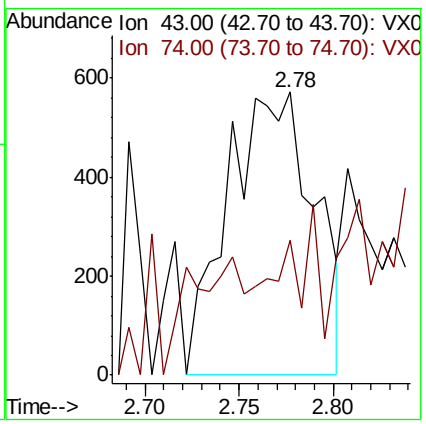


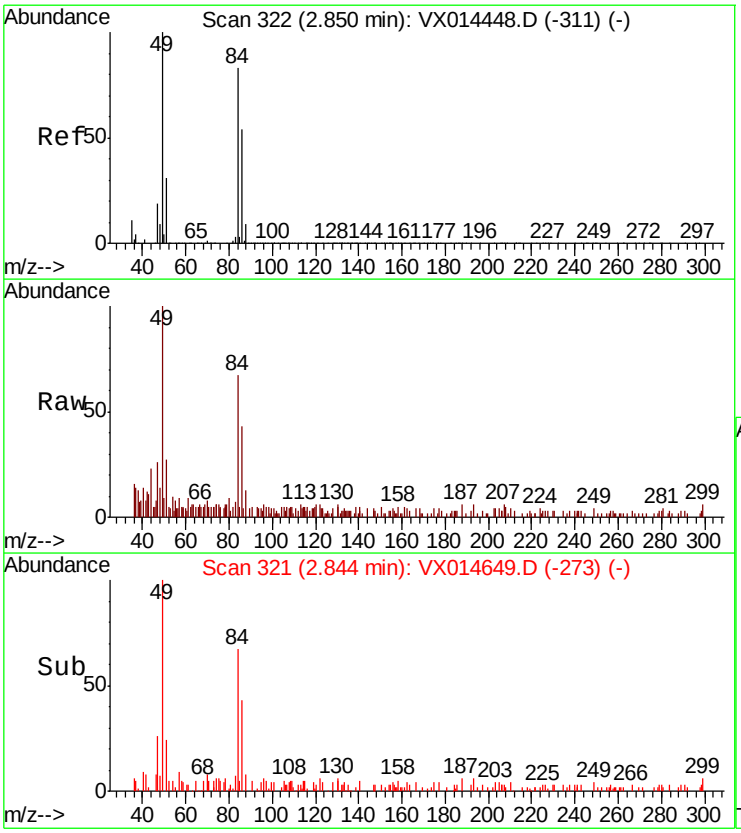
#18
Methyl Acetate
Concen: 0.260 ug/l
RT: 2.78 min Scan# 310
Delta R.T. 0.01 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1828

Ion	Ratio	Lower	Upper
43	100		
74	5.1	19.4	29.2#

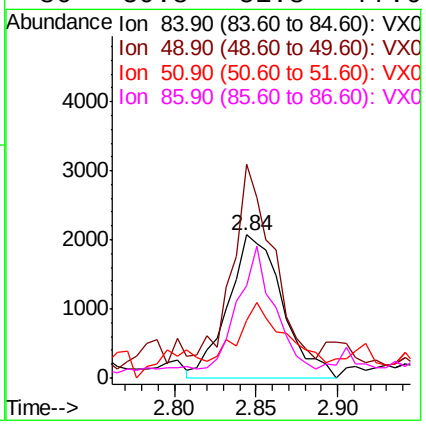


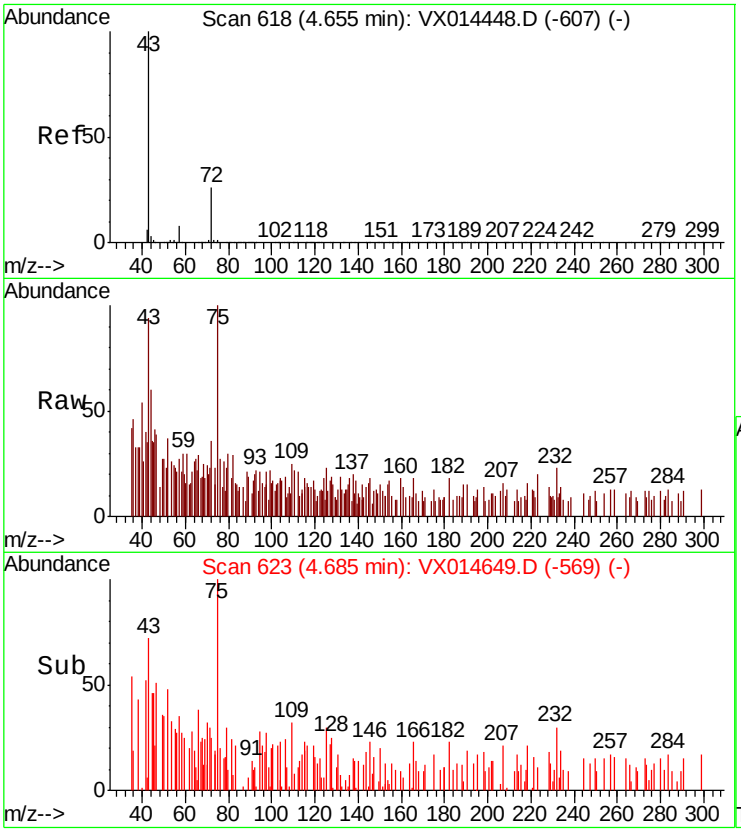


#20
Methylene Chloride
Concen: 0.972 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Tgt Ion: 84 Resp: 4781

Ion	Ratio	Lower	Upper
84	100		
49	141.2	95.8	143.8
51	28.7	30.2	45.4#
86	59.8	51.8	77.6



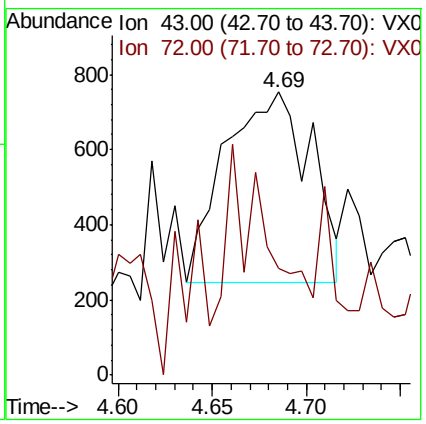


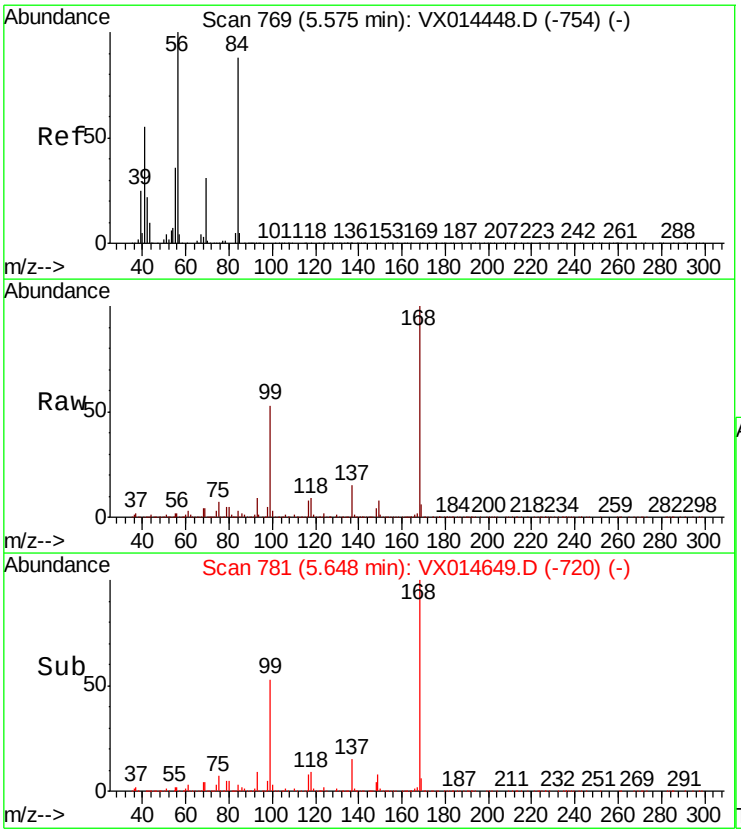
#25
2-Butanone
Concen: 0.438 ug/l
RT: 4.69 min Scan# 623
Delta R.T. 0.03 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1600

Ion	Ratio	Lower	Upper
43	100		
72	16.8	20.6	31.0#

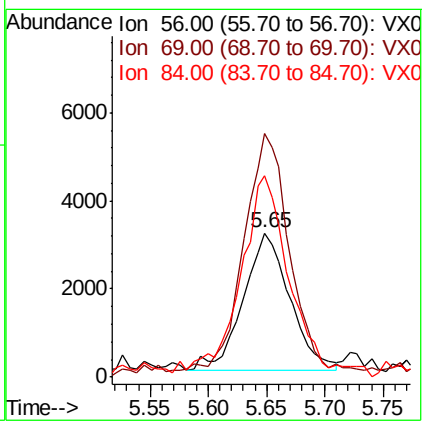


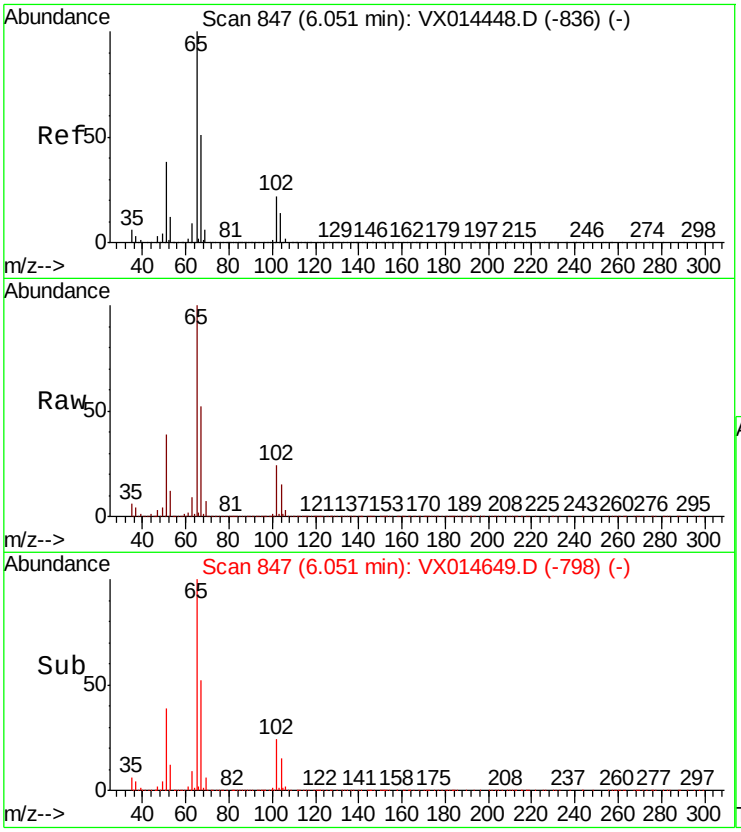


#31
Cyclohexane
Concen: 1.164 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.07 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Tgt Ion: 56 Resp: 8697

Ion	Ratio	Lower	Upper
56	100		
69	168.0	24.4	36.6#
84	142.0	70.6	106.0#



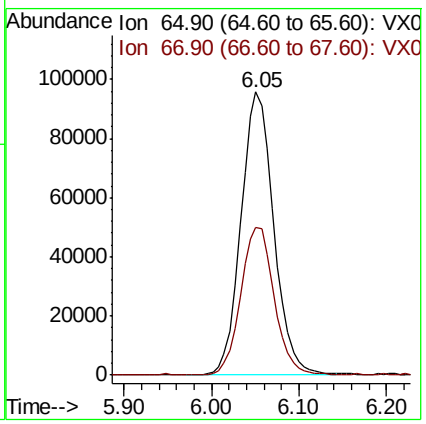


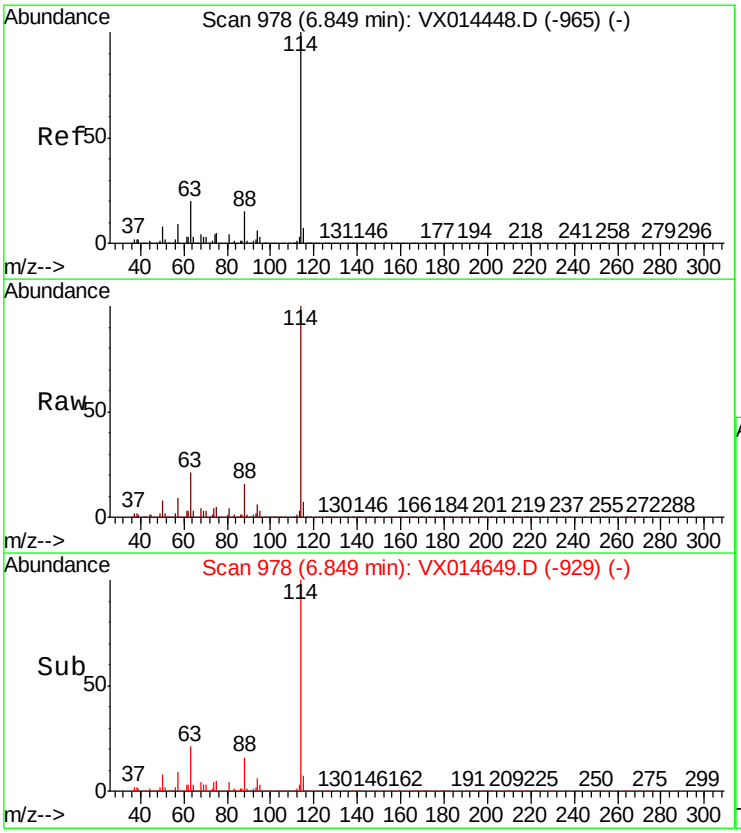
#33
1,2-Dichloroethane-d4
Concen: 50.684 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 247794

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	106.2

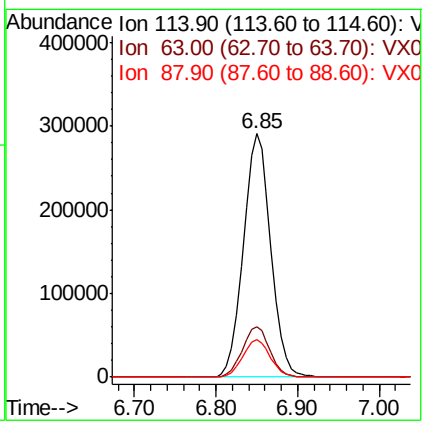


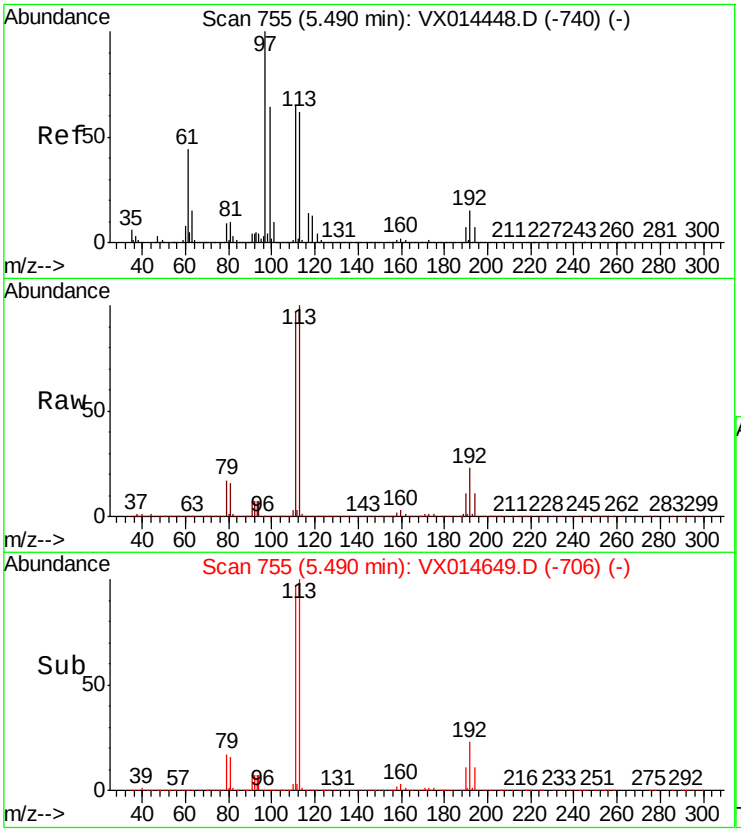


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Tgt Ion:114 Resp: 678479

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	39.6
88	15.7	0.0	30.8



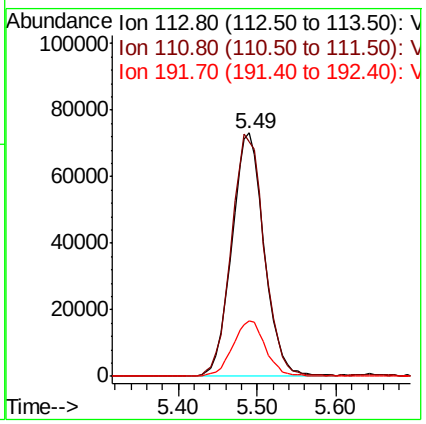


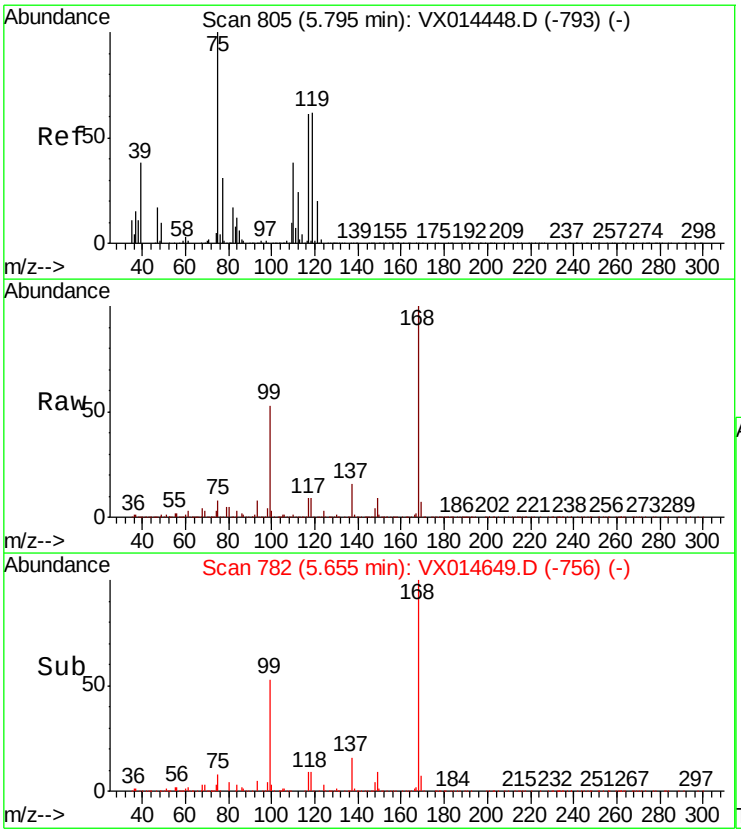
#35
Dibromofluoromethane
Concen: 50.511 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 207456

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.5	122.3
192	23.1	19.2	28.8

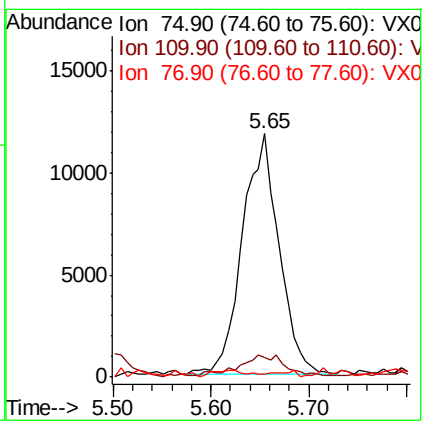


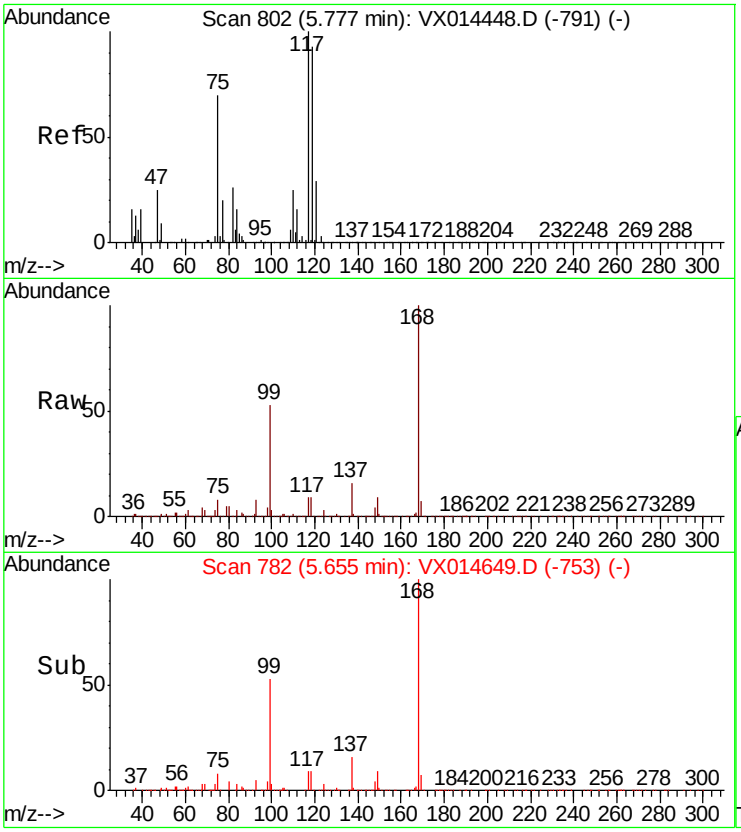


#36
1,1-Dichloropropene
Concen: 4.795 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.14 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Tgt Ion: 75 Resp: 30594

Ion	Ratio	Lower	Upper
75	100		
110	12.0	18.6	55.8#
77	0.0	24.5	36.7#



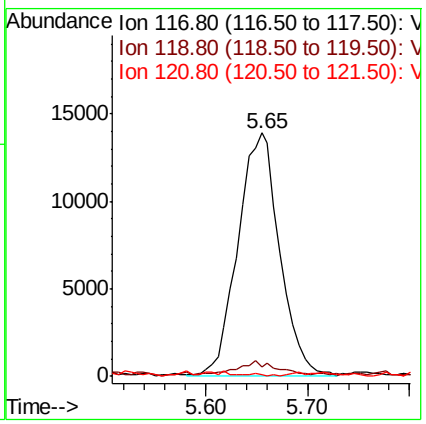


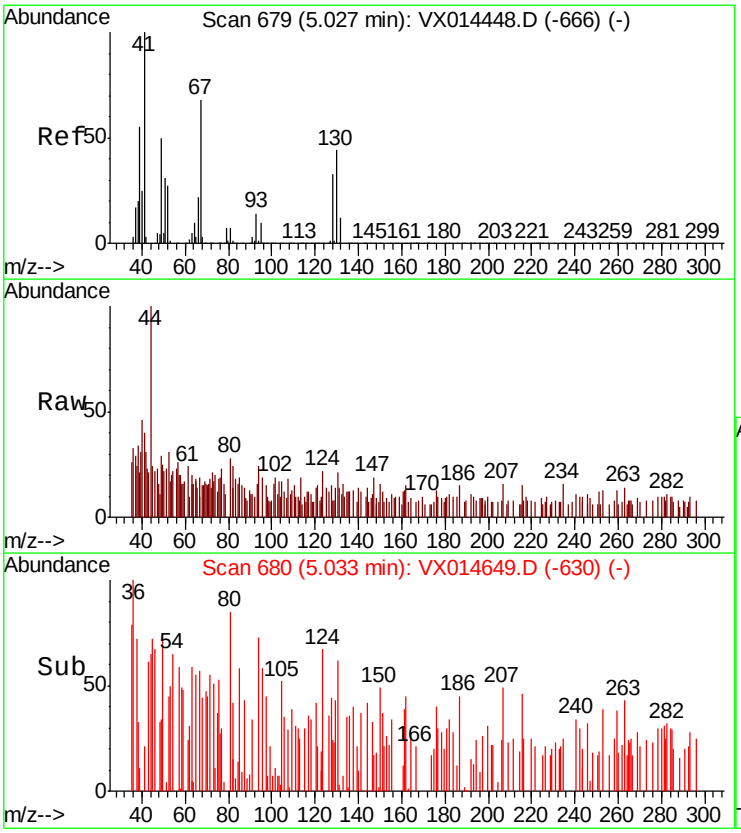
#38
Carbon Tetrachloride
Concen: 6.741 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 39578

Ion	Ratio	Lower	Upper
117	100		
119	2.7	73.8	110.8#
121	0.0	23.4	35.0#

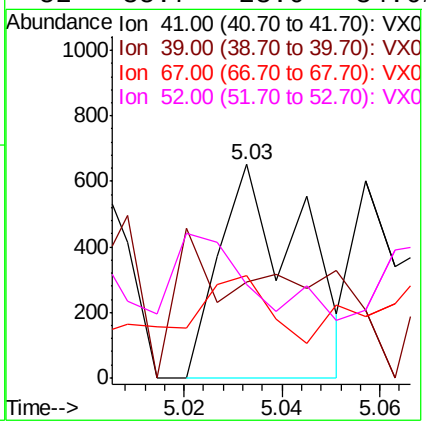


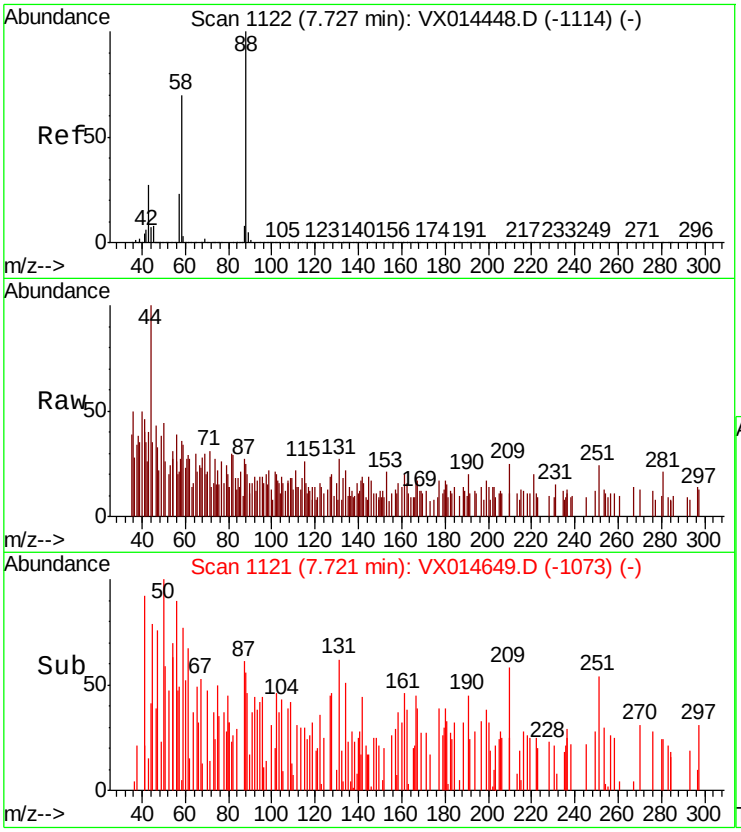


#41
Methacrylonitrile
Concen: 0.205 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Tgt Ion: 41 Resp: 756

Ion	Ratio	Lower	Upper
41	100		
39	47.2	43.6	65.4
67	24.5	57.9	86.9#
52	35.7	23.0	34.6#



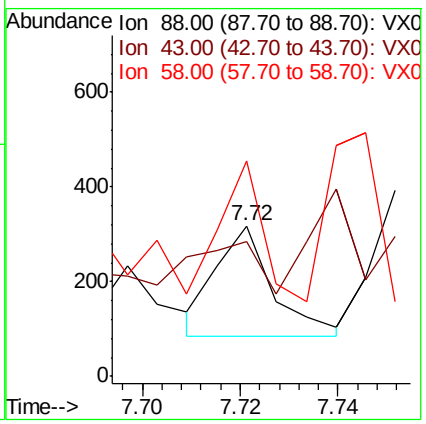


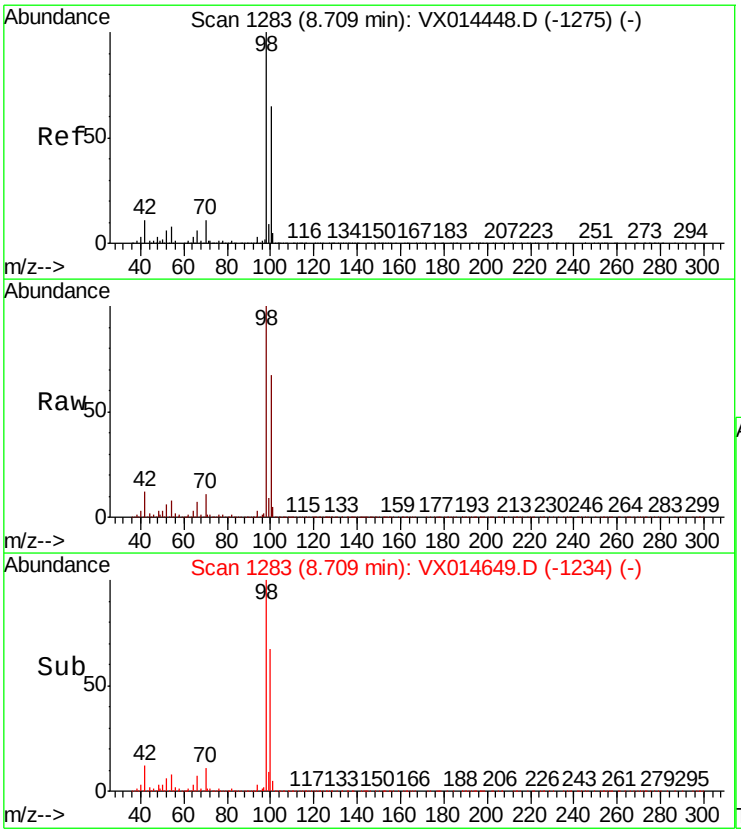
#49
1,4-Dioxane
Concen: 1.646 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 187

Ion	Ratio	Lower	Upper
88	100		
43	112.3	27.4	41.0#
58	190.9	57.1	85.7#

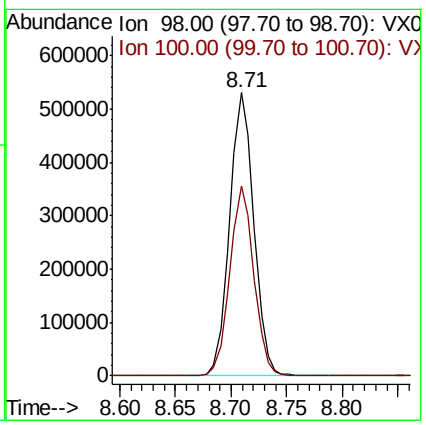


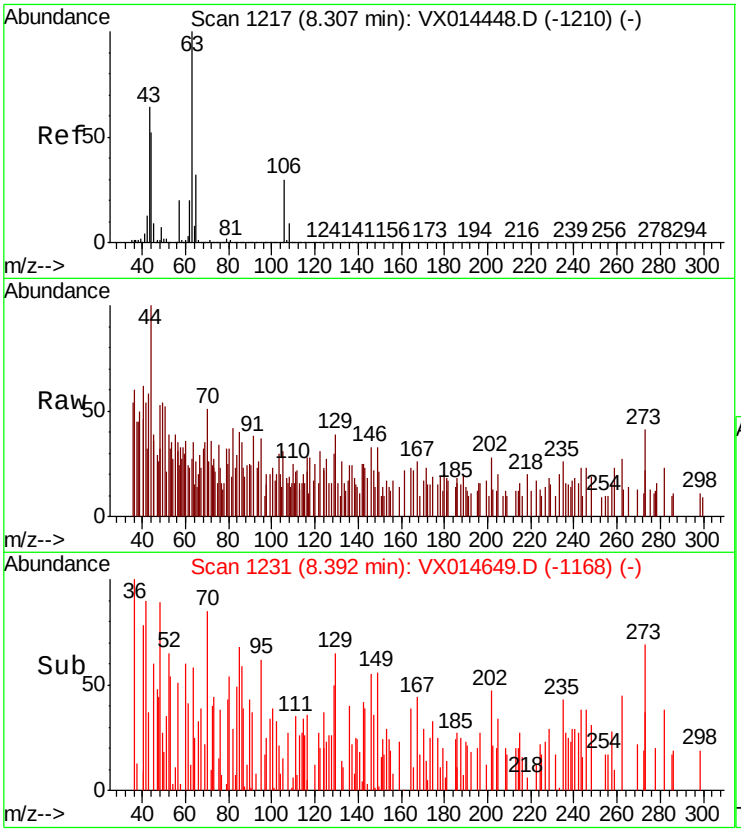


#50
Toluene-d8
Concen: 50.286 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Tgt Ion: 98 Resp: 801471

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.2	79.8



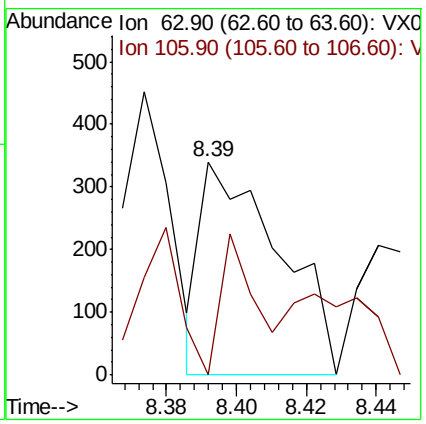


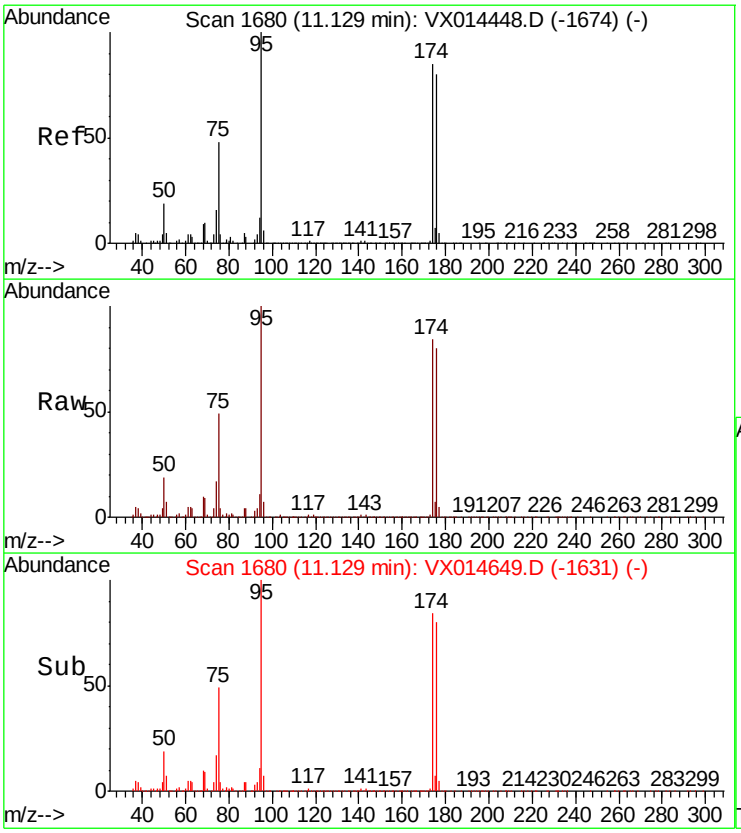
#58
2-Chloroethyl Vinyl ether
Concen: 0.210 ug/l
RT: 8.39 min Scan# 1231
Delta R.T. 0.09 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 63 Resp: 533

Ion	Ratio	Lower	Upper
63	100		
106	29.1	23.6	35.4

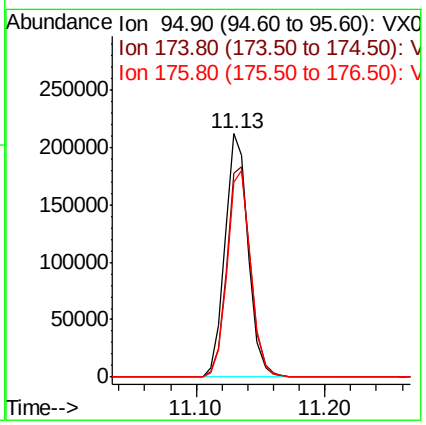


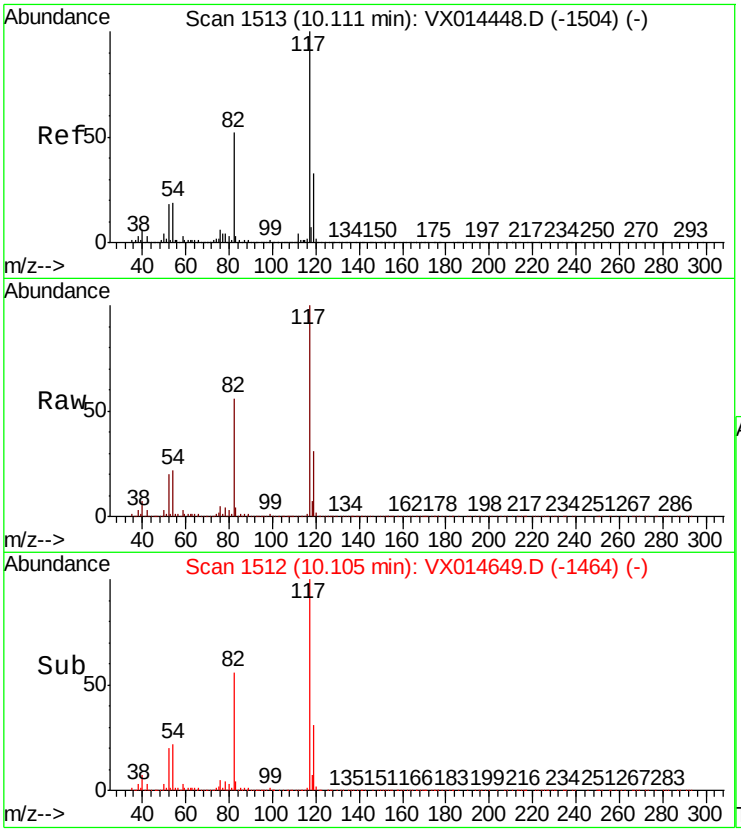


#62
4-Bromofluorobenzene
Concen: 46.114 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Tgt Ion: 95 Resp: 269823

Ion	Ratio	Lower	Upper
95	100		
174	88.2	0.0	180.8
176	85.9	0.0	172.8



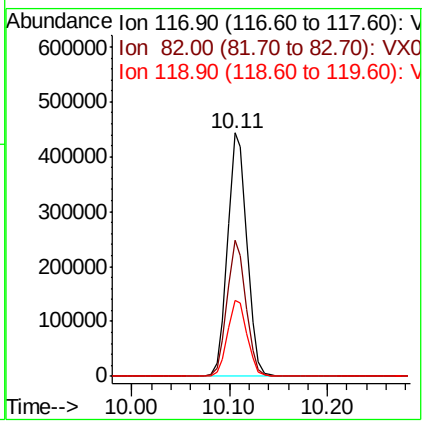


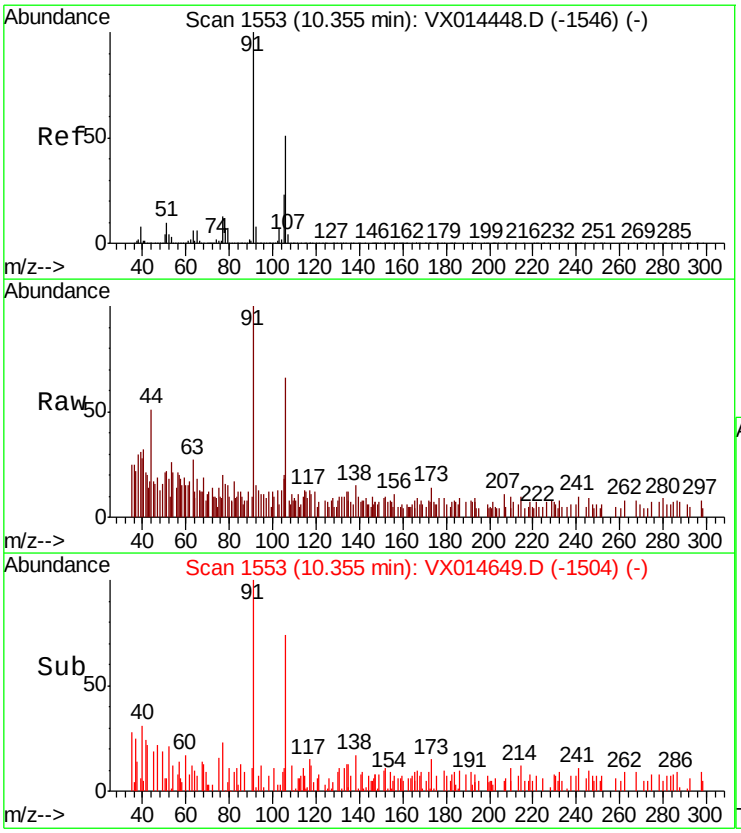
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 608044

Ion	Ratio	Lower	Upper
117	100		
82	56.0	41.8	62.6
119	31.2	26.2	39.4

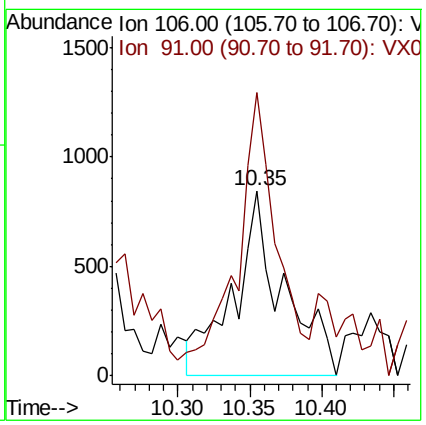


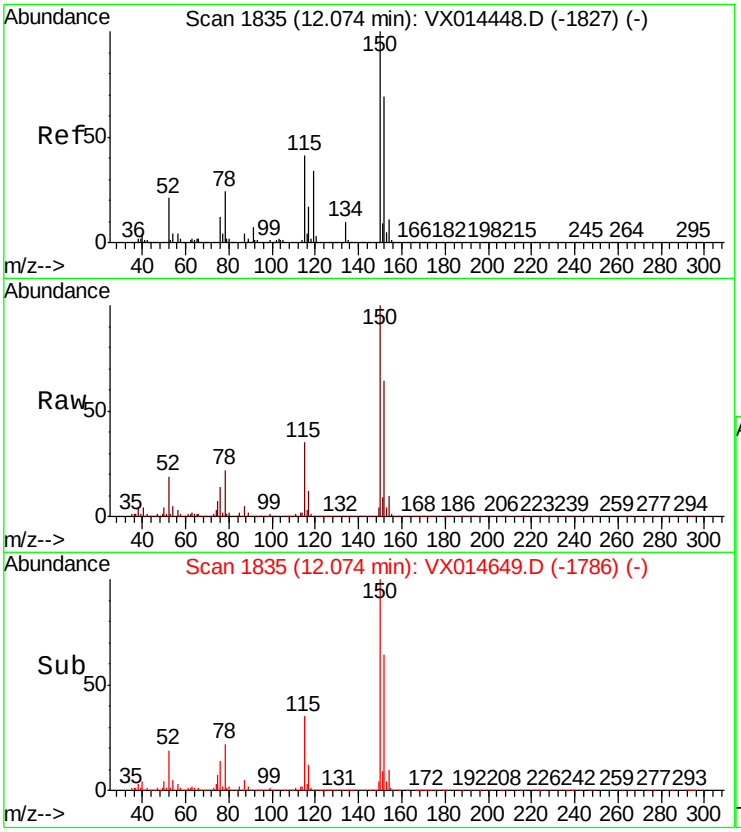


#68
m/p-Xylenes
Concen: 0.233 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Tgt Ion:106 Resp: 2024

Ion	Ratio	Lower	Upper
106	100		
91	103.5	157.4	236.0#



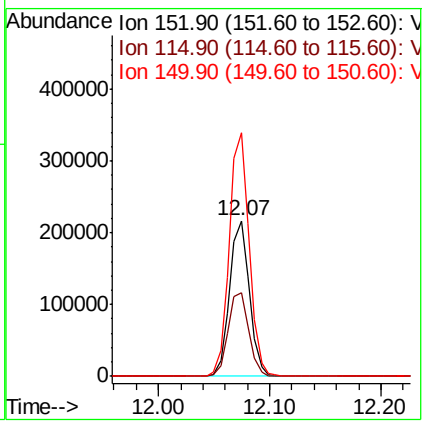


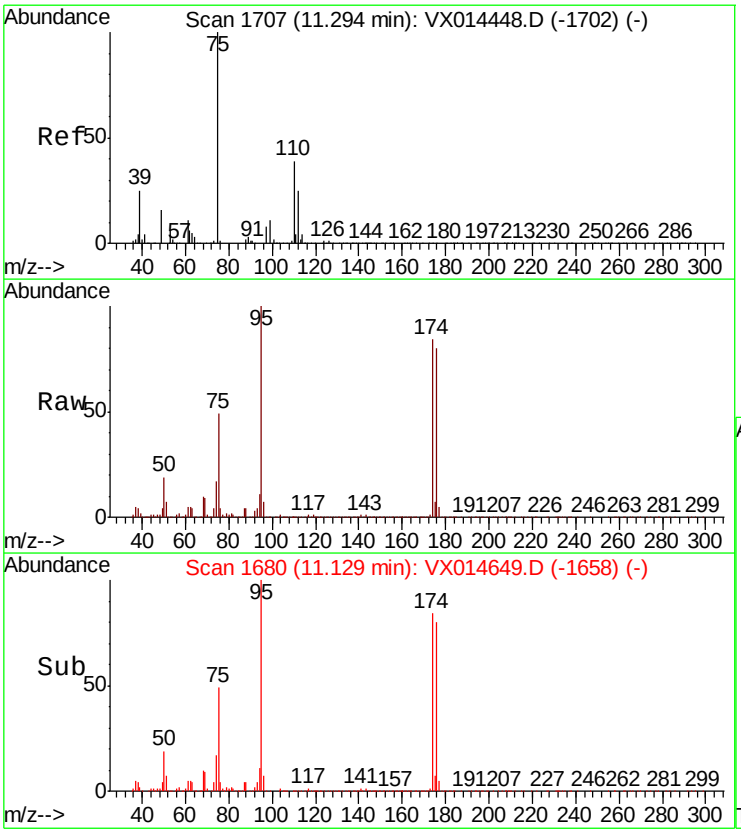
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 266387

Ion	Ratio	Lower	Upper
152	100		
115	56.3	39.5	118.3
150	156.5	0.0	350.2

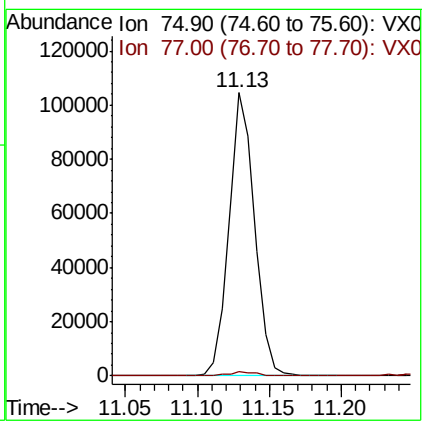


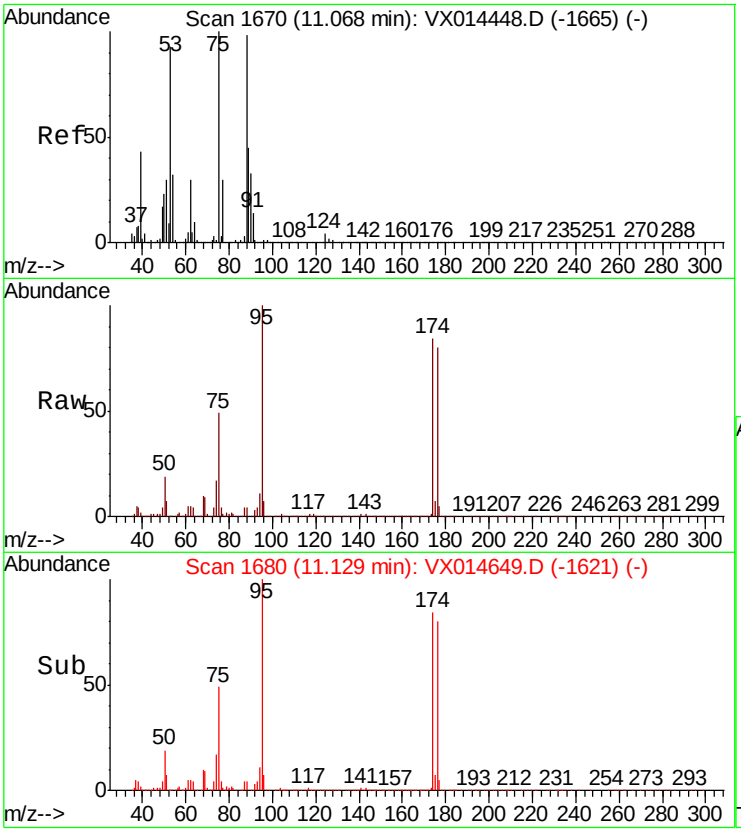


#76
1,2,3-Trichloropropane
Concen: 23.698 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Tgt Ion: 75 Resp: 130615

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.9	65.7#



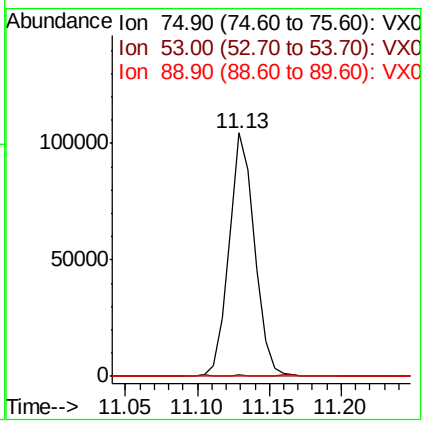


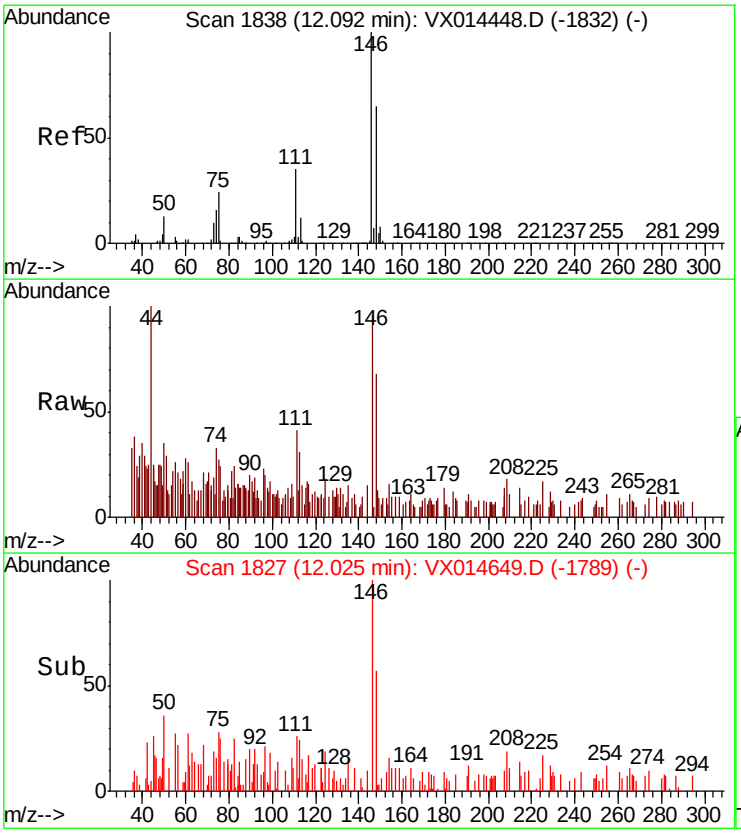
#81
trans-1,4-Dichloro-2-butene
Concen: 62.654 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 130615

Ion	Ratio	Lower	Upper
75	100		
53	0.2	74.8	112.2#
89	0.2	36.3	54.5#

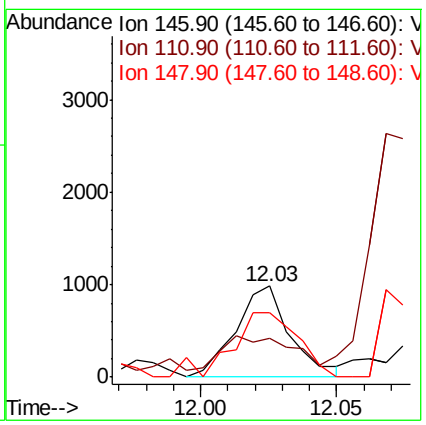


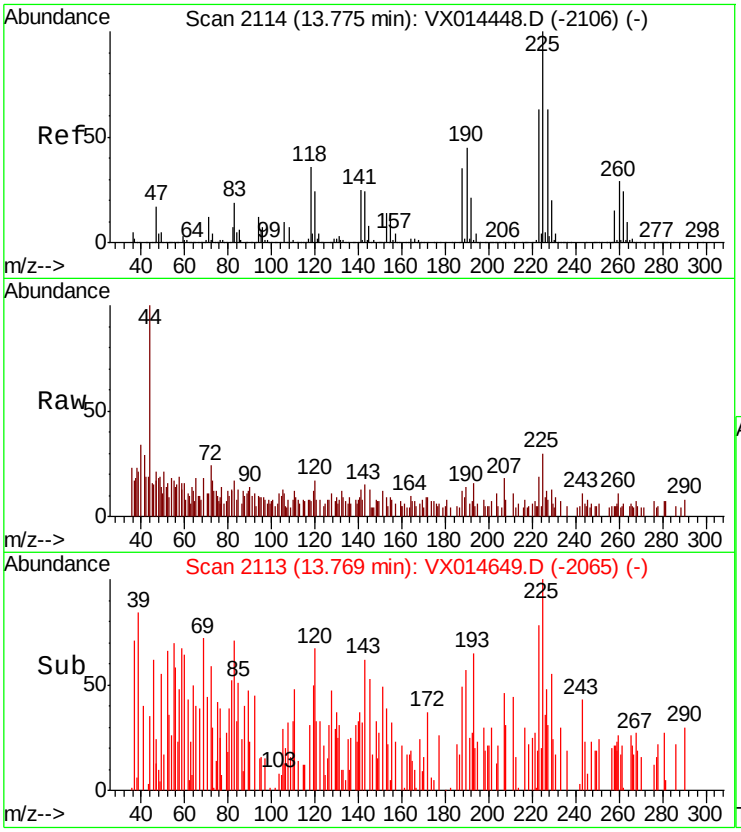


#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 12.03 min Scan# 1827
Delta R.T. -0.07 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Tgt Ion:146 Resp: 1357

Ion	Ratio	Lower	Upper
146	100		
111	48.6	18.1	54.1
148	86.9	32.1	96.3



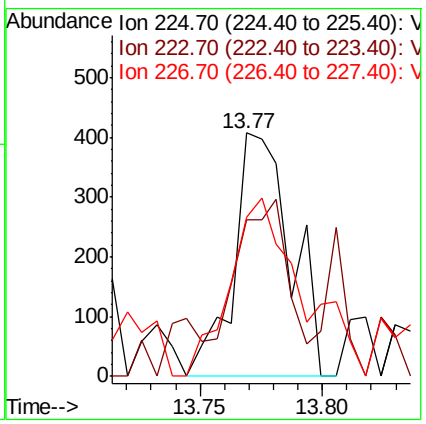


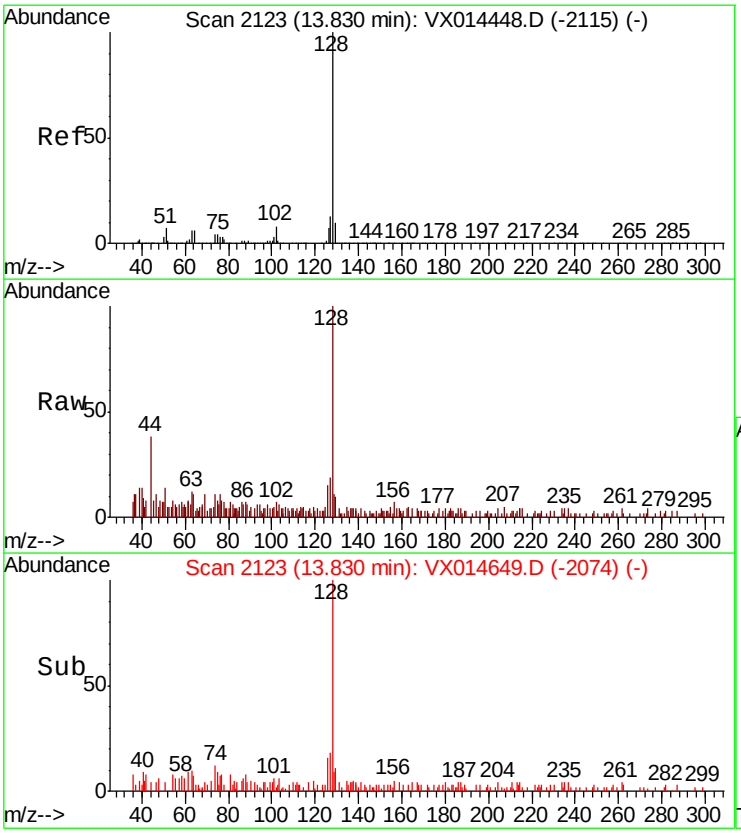
#94
Hexachlorobutadiene
Concen: 0.279 ug/l
RT: 13.77 min Scan# 2113
Delta R.T. -0.01 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:225 Resp: 654

Ion	Ratio	Lower	Upper
225	100		
223	59.2	31.1	93.2
227	93.9	31.4	94.2

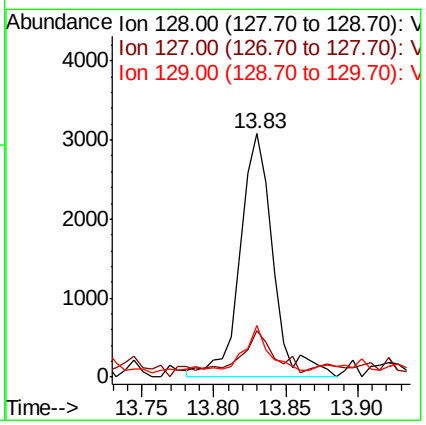


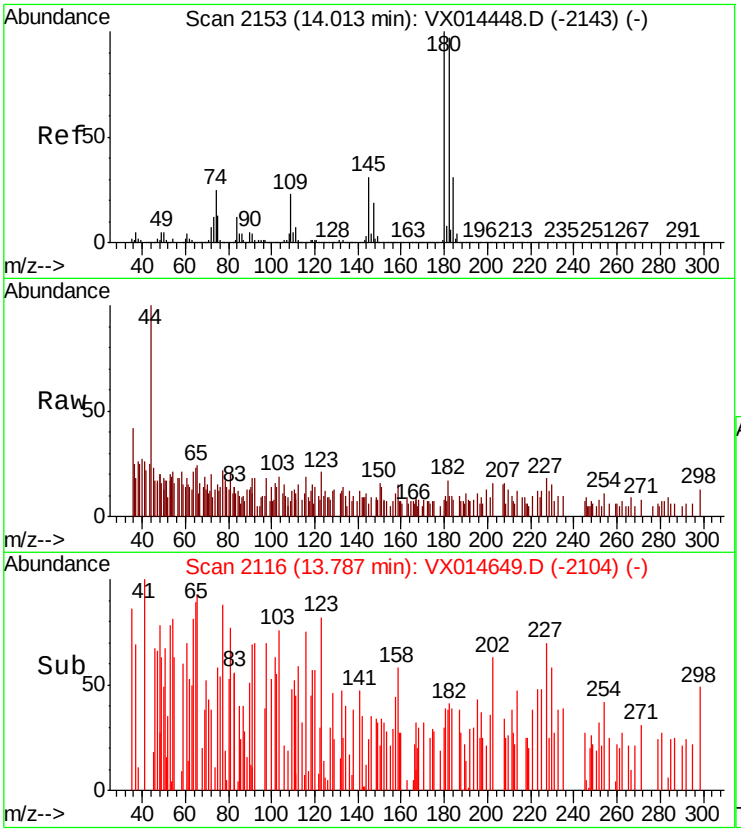


#95
Naphthalene
Concen: 0.246 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Tgt Ion:128 Resp: 4892

Ion	Ratio	Lower	Upper
128	100		
127	16.3	10.3	15.5#
129	11.9	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: Below Cal
RT: 13.79 min Scan# 2116
Delta R.T. -0.22 min
Lab File: VX014649.D
Acq: 17 Jan 2020 13:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 232

Ion	Ratio	Lower	Upper
180	100		
182	106.0	47.9	143.6
145	40.5	14.8	44.3