Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011020\
Data File : VX014554.D
Acq On : 10 Jan 2020 22:56
Operator : JC/SP
Sample : PB125964TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB125964TB

Quant Time: Jan 10 23:41:26 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	496218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	760942	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	685349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	315107	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	274472	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.10%			
35) Dibromofluoromethane	5.49	113	226163	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.20%			
50) Toluene-d8	8.71	98	899217	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.60%			
62) 4-Bromofluorobenzene	11.14	95	307279	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.64%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	449	0.325	ug/l	89
5) Bromomethane	1.64	94	2228	0.477	ug/l #	74
6) Chloroethane	1.65	64	966	Below Cal	#	43
10) Methyl Iodide	2.51	142	2669	0.458	ug/l #	88
11) Tert butyl alcohol	3.01	59	2460	2.127	ug/l #	91
13) Acrolein	2.28	56	337	0.364	ug/l #	50
16) Acetone	2.43	43	8622	Below Cal	#	80
17) Carbon Disulfide	2.56	76	3464	0.253	ug/l #	92
18) Methyl Acetate	2.76	43	1795	0.225	ug/l #	64
20) Methylene Chloride	2.85	84	7034	1.262	ug/l	99
25) 2-Butanone	4.68	43	1795	0.434	ug/l #	59
28) Bromochloromethane	5.01	49	898	0.236	ug/l #	42
36) 1,1-Dichloropropene	5.65	75	33650	4.702	ug/l #	53
38) Carbon Tetrachloride	5.65	117	44146	6.704	ug/l #	19
49) 1,4-Dioxane	7.72	88	79	0.620	ug/l #	1
51) 4-Methyl-2-Pentanone	8.64	43	2211	0.289	ug/l #	81
76) 1,2,3-Trichloropropane	11.13	75	151964	23.309	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	151964	61.624	ug/l #	12
88) 1,4-Dichlorobenzene	12.09	146	2202	Below Cal	#	1
94) Hexachlorobutadiene	13.78	225	706	0.260	ug/l #	70

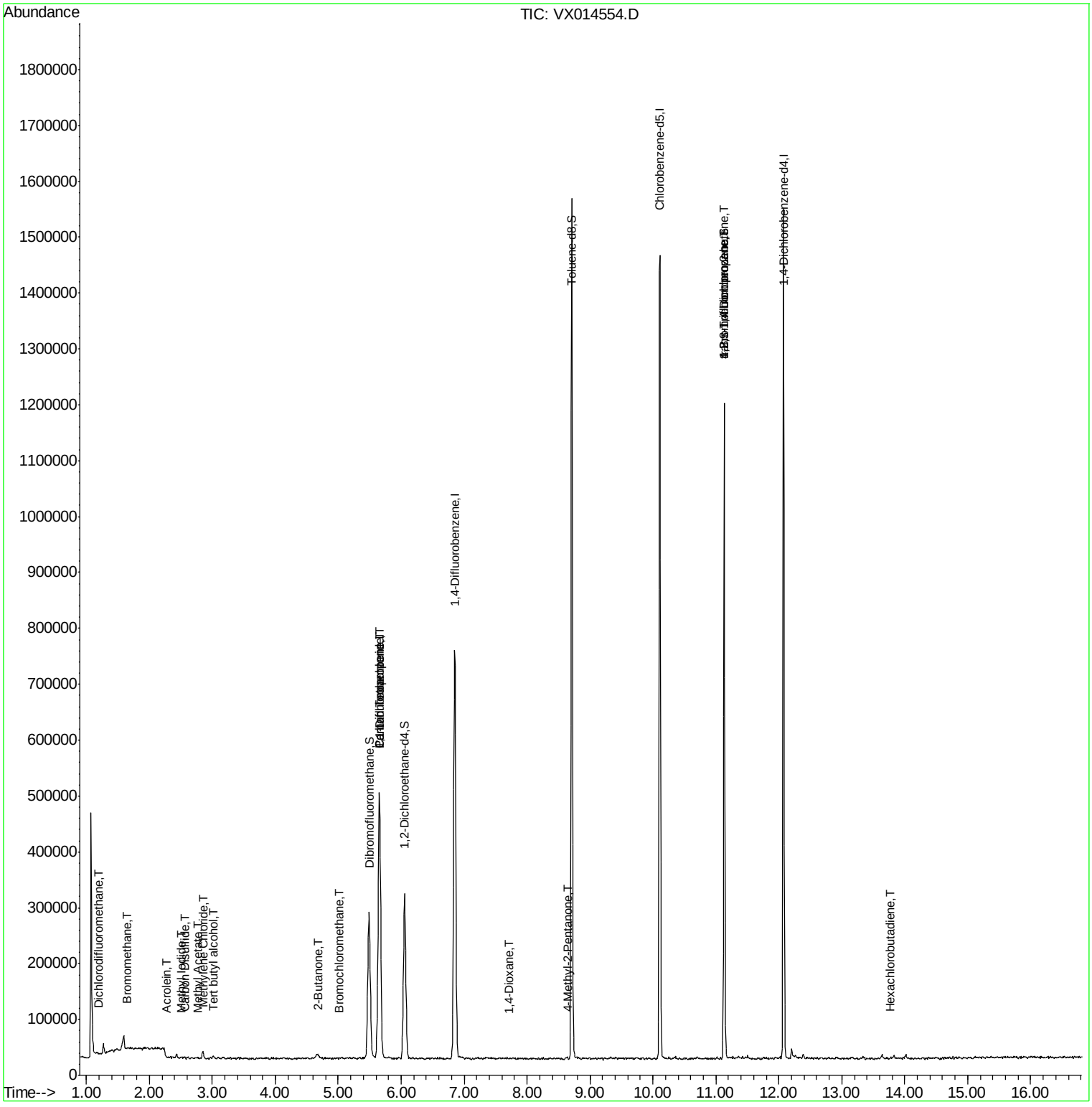
(#) = qualifier out of range (m) = manual integration (+) = signals summed

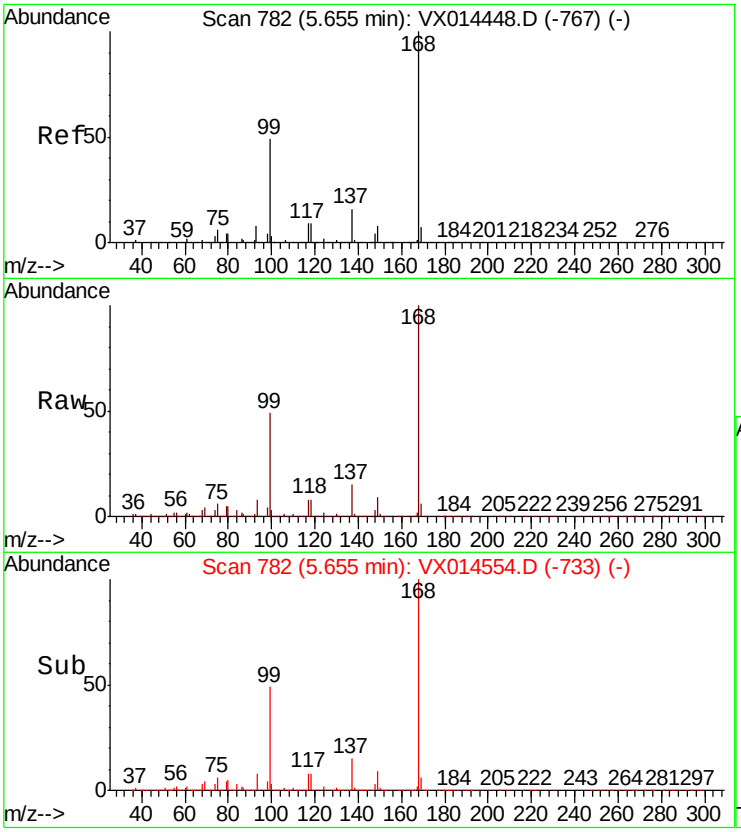
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
Data File : VX014554.D
Acq On : 10 Jan 2020 22:56
Operator : JC/SP
Sample : PB125964TB
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB125964TB

Quant Time: Jan 10 23:41:26 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



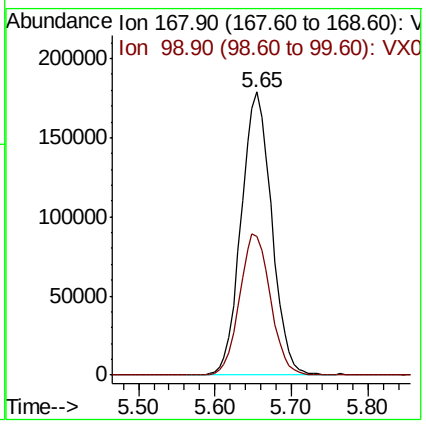


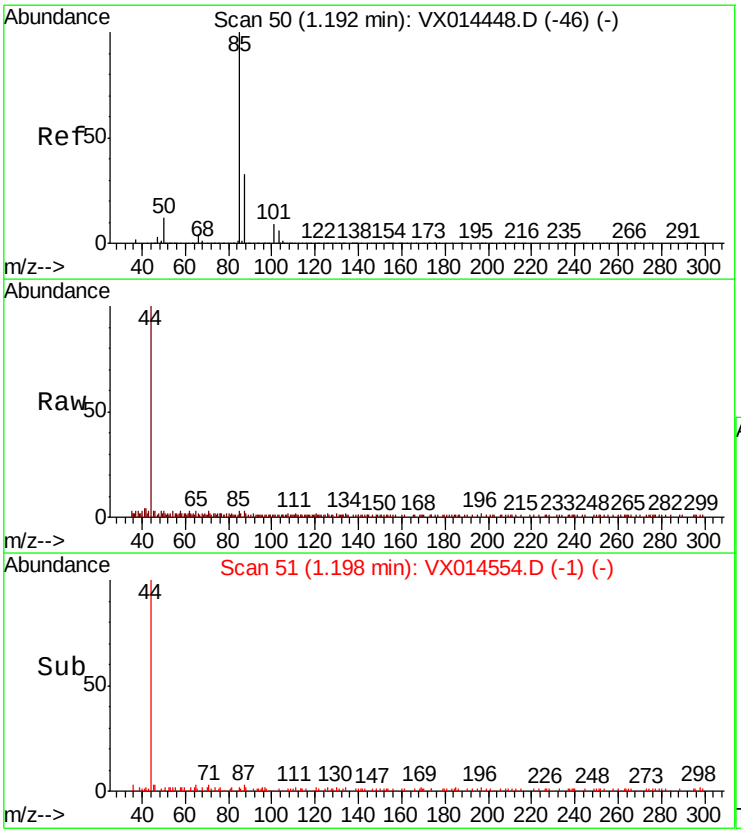
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.00 min
Lab File: VX014554.D
Acq: 10 Jan 2020 22:56

Instrument :
MSVOA_X
ClientSampleId :
PB125964TB

Tgt Ion:168 Resp: 496218

Ion	Ratio	Lower	Upper
168	100		
99	48.8	39.2	58.8

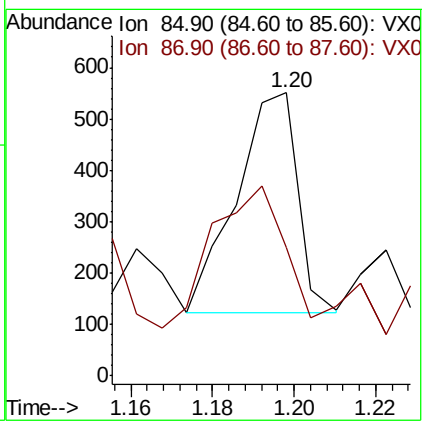


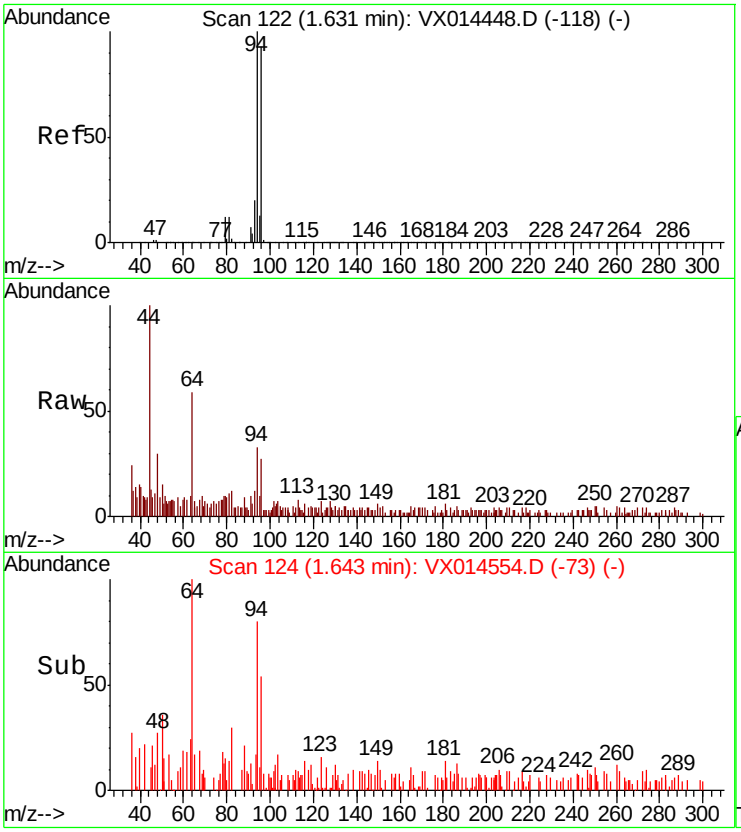


#2
Dichlorodifluoromethane
Concen: 0.325 ug/l
RT: 1.20 min Scan# 51
Delta R.T. 0.01 min
Lab File: VX014554.D
Acq: 10 Jan 2020 22:56

Tgt Ion: 85 Resp: 449

Ion	Ratio	Lower	Upper
85	100		
87	26.8	16.5	49.5



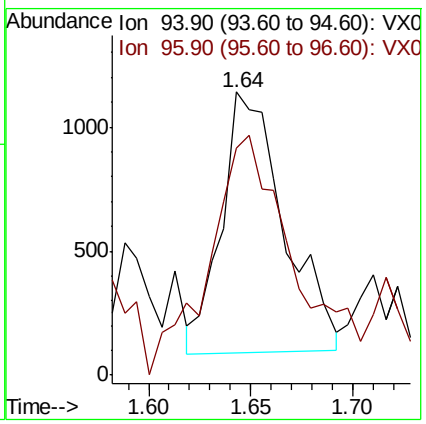


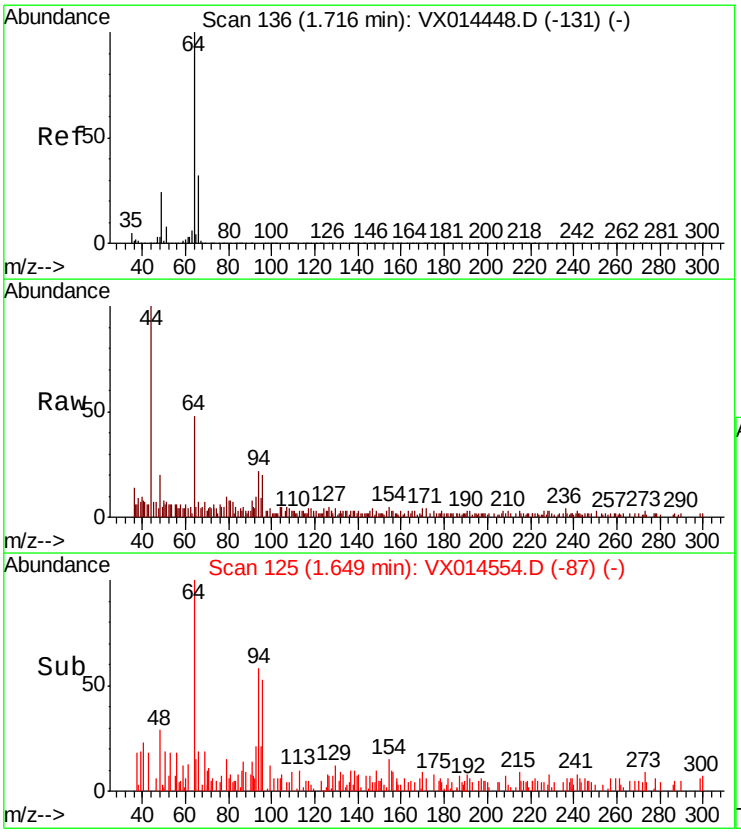
#5
Bromomethane
Concen: 0.477 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.01 min
Lab File: VX014554.D
Acq: 10 Jan 2020 22:56

Instrument : MSVOA_X
ClientSampleId : PB125964TB

Tgt Ion: 94 Resp: 2228

Ion	Ratio	Lower	Upper
94	100		
96	68.1	74.2	111.2#

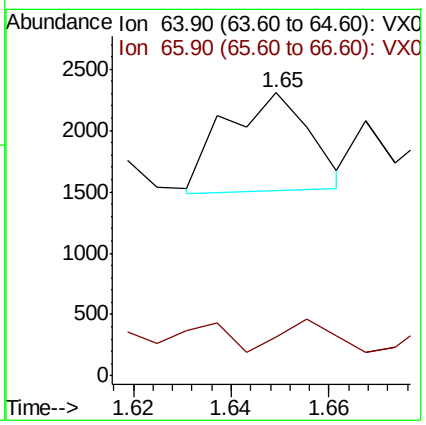


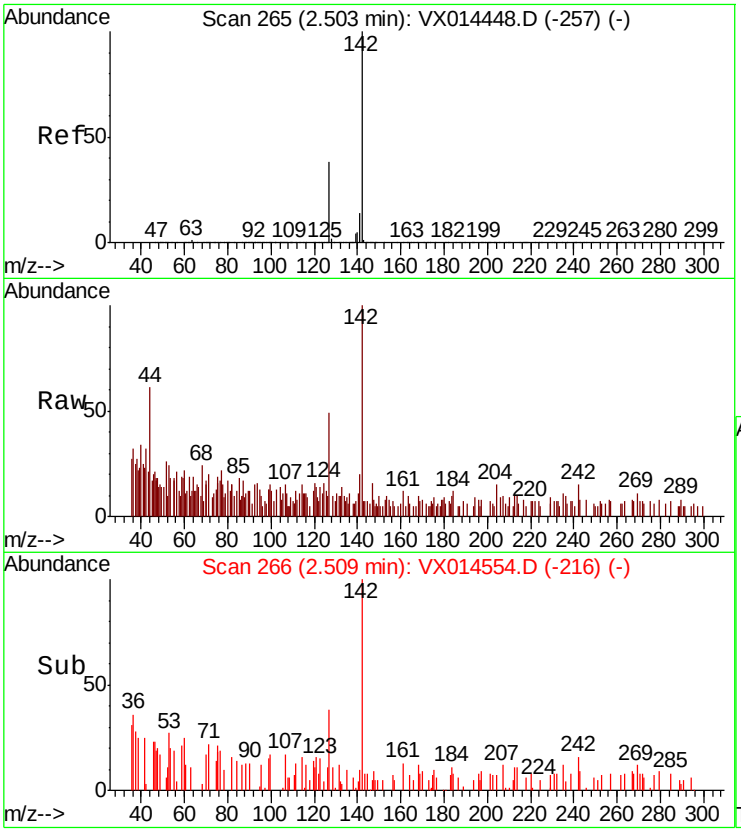


#6
Chloroethane
Concen: Below Cal
RT: 1.65 min Scan# 125
Delta R.T. -0.07 min
Lab File: VX014554.D
Acq: 10 Jan 2020 22:56

Tgt Ion: 64 Resp: 966

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.3	37.9#



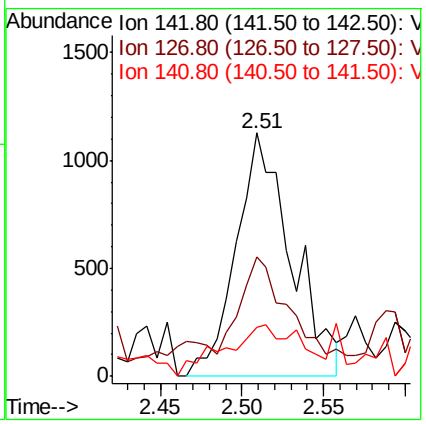


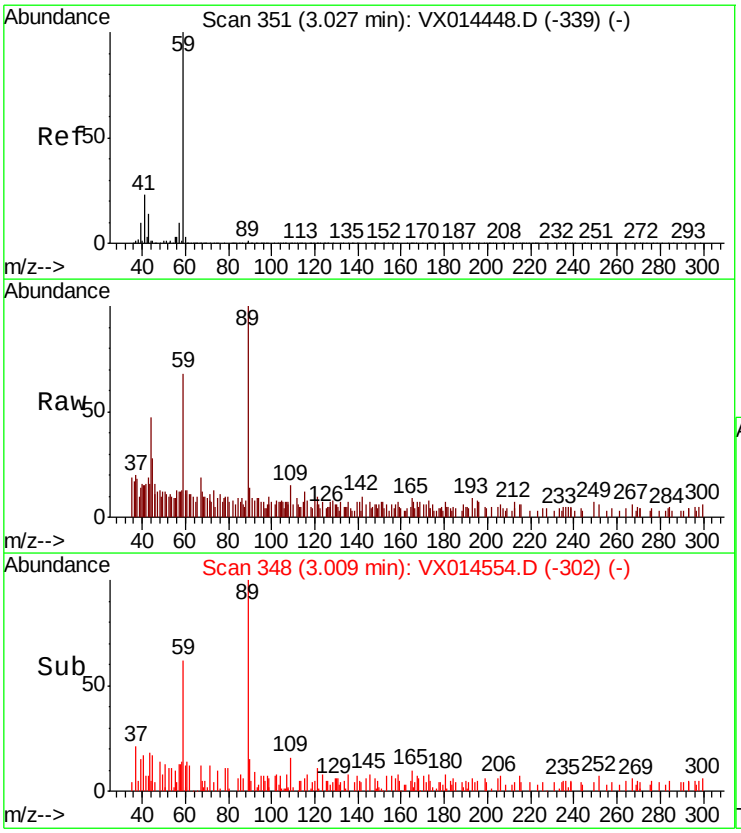
#10
Methyl Iodide
Concen: 0.458 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX014554.D
Acq: 10 Jan 2020 22:56

Instrument : MSVOA_X
ClientSampleId : PB125964TB

Tgt Ion:142 Resp: 2669

Ion	Ratio	Lower	Upper
142	100		
127	40.5	31.2	46.8
141	29.4	11.4	17.2#

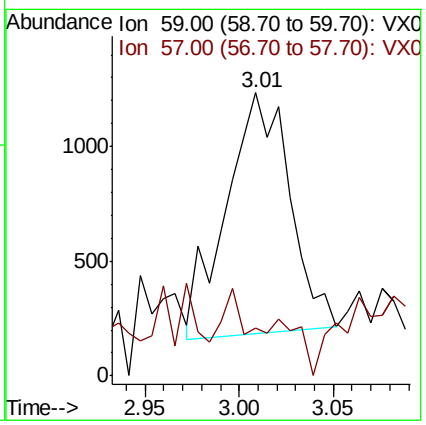


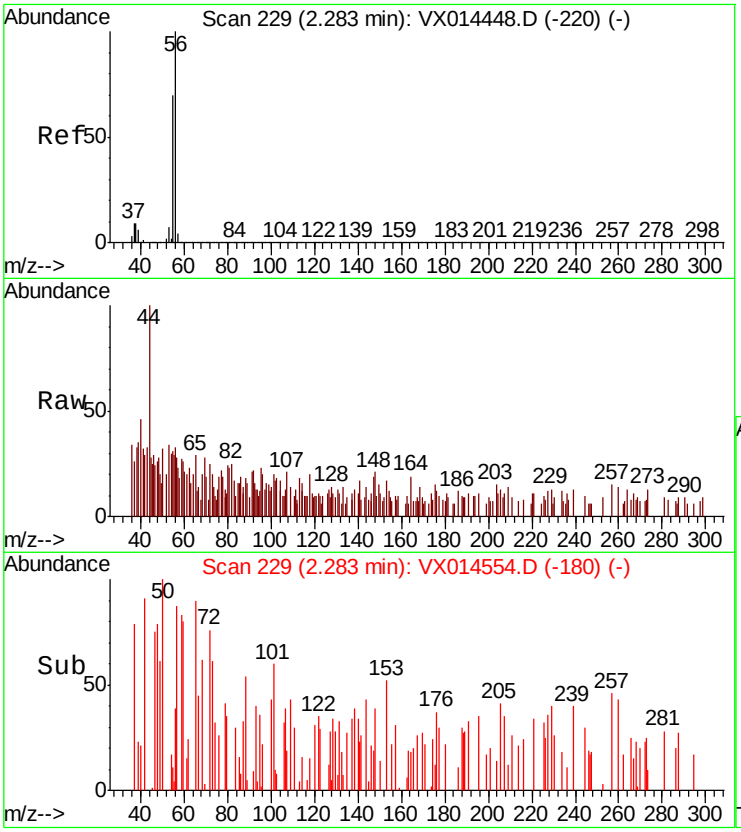


#11
Tert butyl alcohol
Concen: 2.127 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.02 min
Lab File: VX014554.D
Acq: 10 Jan 2020 22:56

Tgt Ion: 59 Resp: 2460

Ion	Ratio	Lower	Upper
59	100		
57	7.2	8.5	12.7#



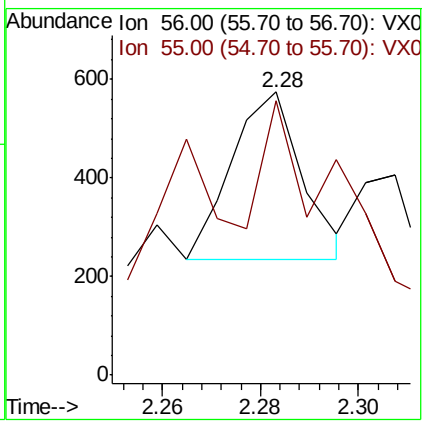


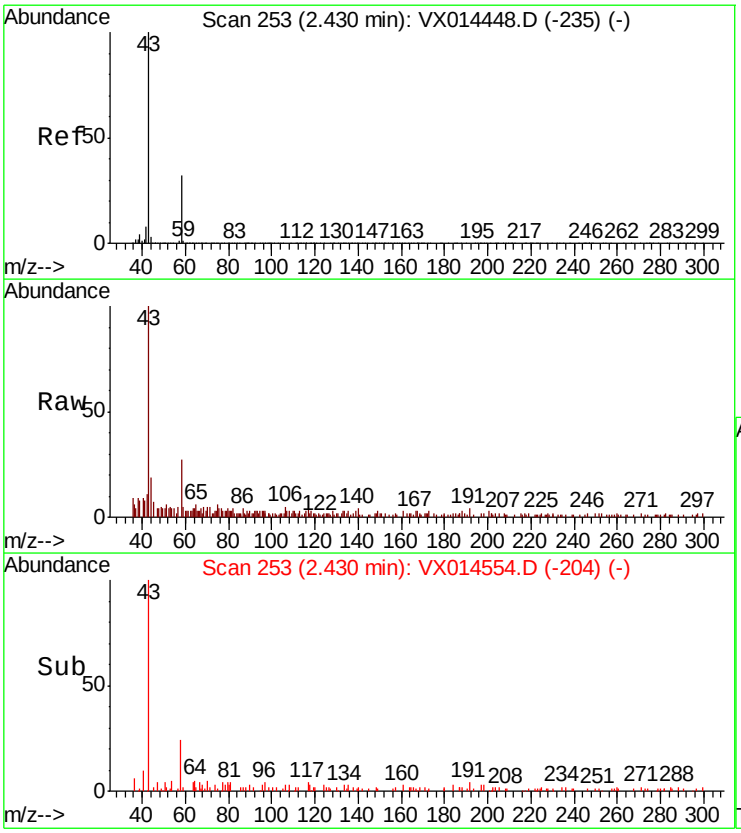
#13
Acrolein
Concen: 0.364 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX014554.D
Acq: 10 Jan 2020 22:56

Instrument :
MSVOA_X
ClientSampleId :
PB125964TB

Tgt Ion: 56 Resp: 337

Ion	Ratio	Lower	Upper
56	100		
55	109.2	55.0	82.6#

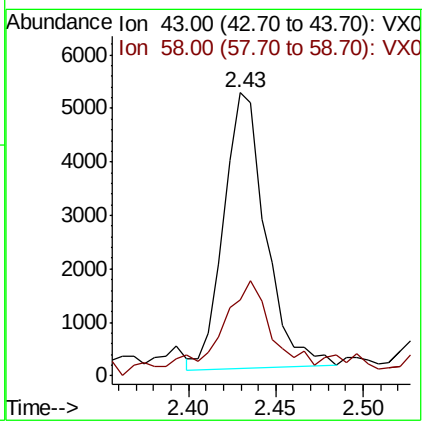


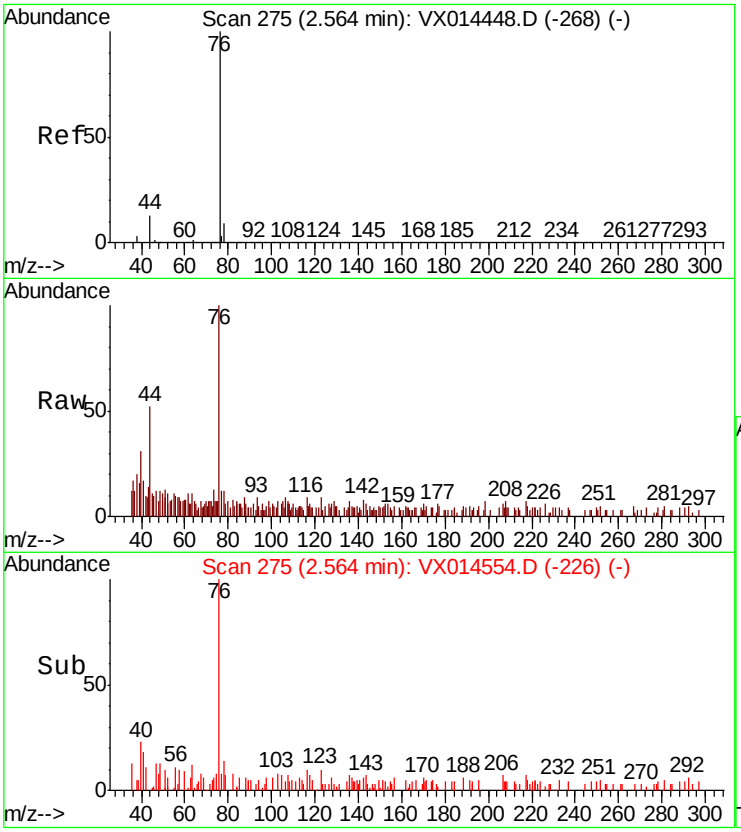


#16
Acetone
Concen: Below Cal
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX014554.D
Acq: 10 Jan 2020 22:56

Tgt Ion: 43 Resp: 8622

Ion	Ratio	Lower	Upper
43	100		
58	20.4	25.4	38.0#



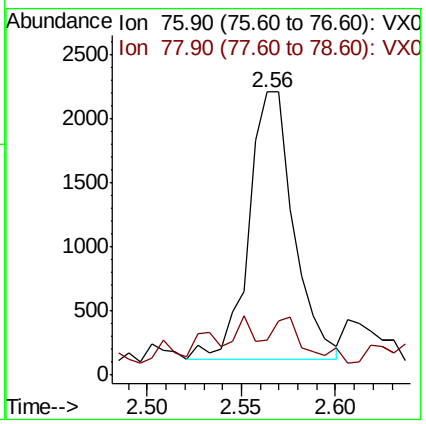


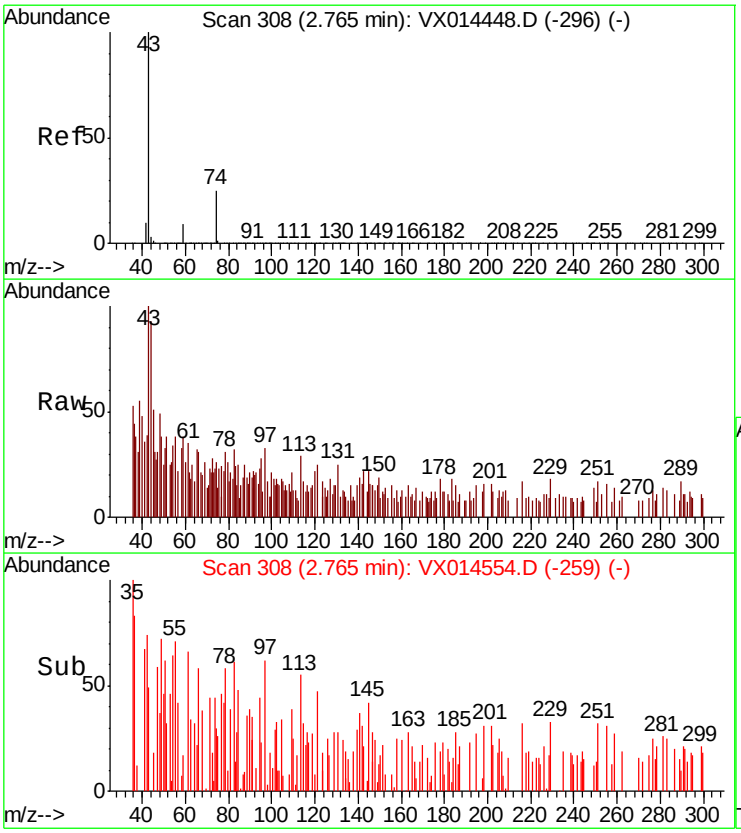
#17
Carbon Disulfide
Concen: 0.253 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX014554.D
Acq: 10 Jan 2020 22:56

Instrument :
MSVOA_X
ClientSampleId :
PB125964TB

Tgt Ion: 76 Resp: 3464

Ion	Ratio	Lower	Upper
76	100		
78	6.4	7.4	11.2#

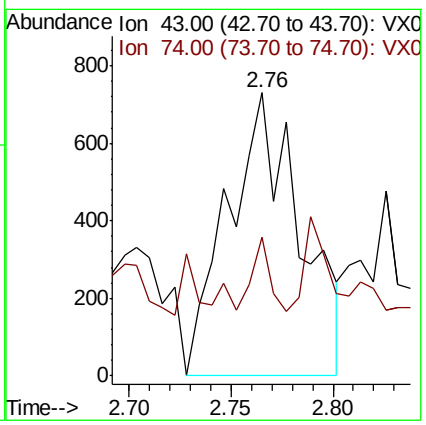


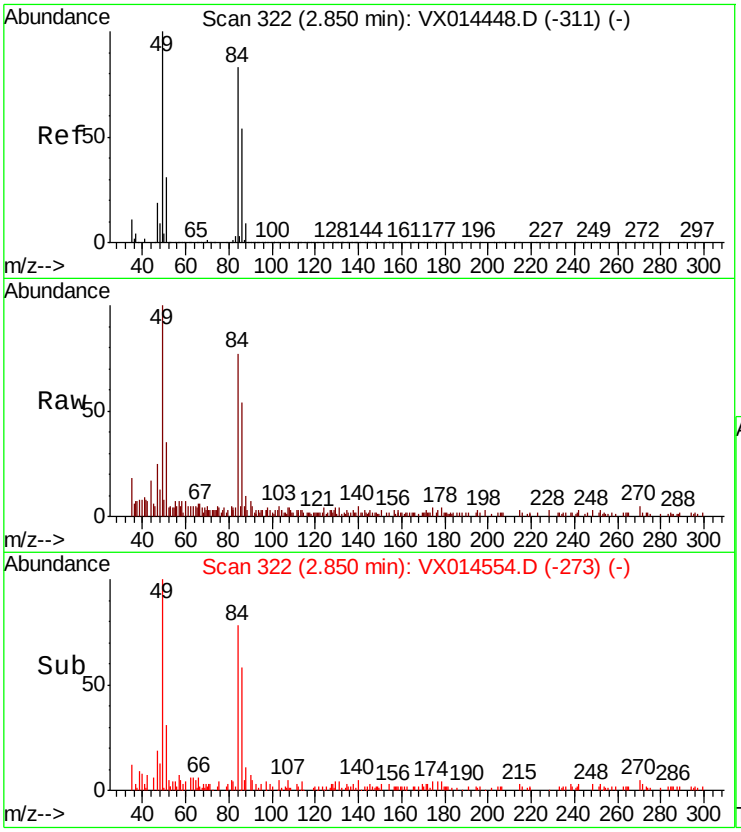


#18
Methyl Acetate
Concen: 0.225 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX014554.D
Acq: 10 Jan 2020 22:56

Tgt Ion: 43 Resp: 1795

Ion	Ratio	Lower	Upper
43	100		
74	6.3	19.4	29.2#



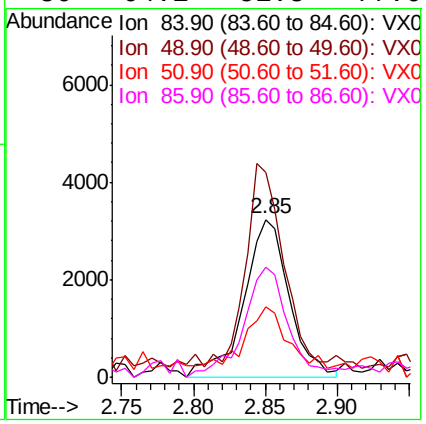


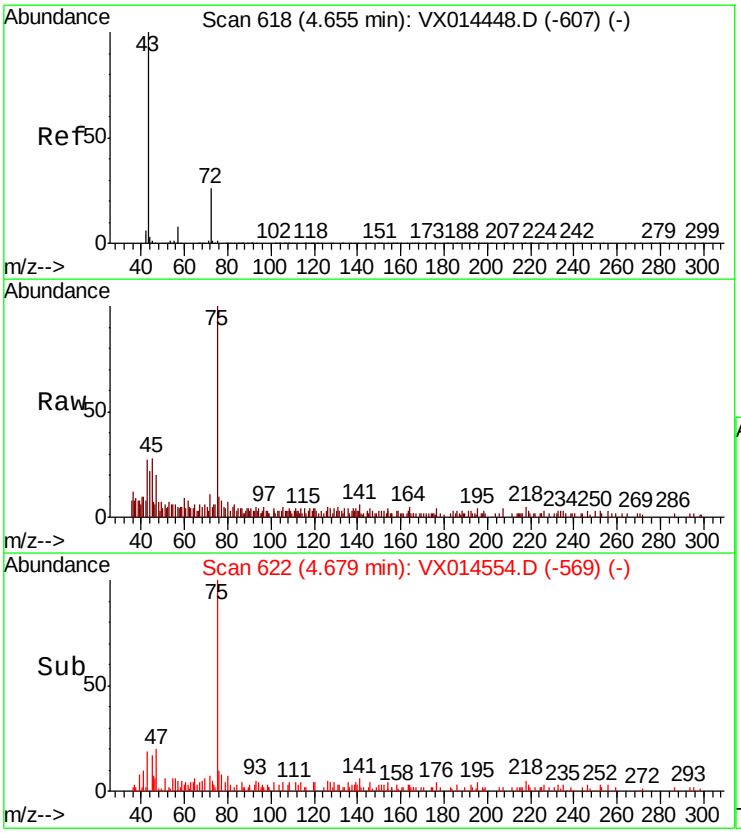
#20
Methylene Chloride
Concen: 1.262 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014554.D
Acq: 10 Jan 2020 22:56

Instrument : MSVOA_X
ClientSampleId : PB125964TB

Tgt Ion: 84 Resp: 7034

Ion	Ratio	Lower	Upper
84	100		
49	121.9	95.8	143.8
51	37.9	30.2	45.4
86	64.1	51.8	77.6

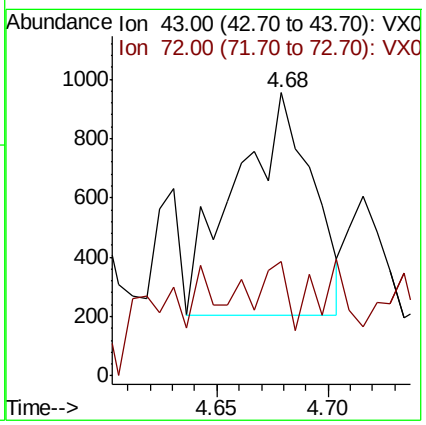


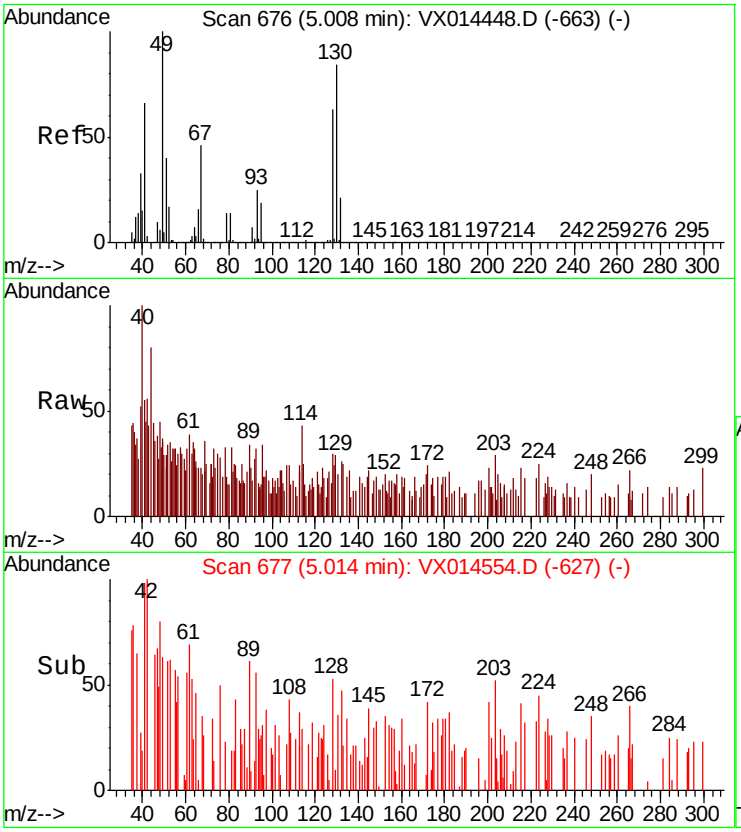


#25
2-Butanone
Concen: 0.434 ug/l
RT: 4.68 min Scan# 622
Delta R.T. 0.02 min
Lab File: VX014554.D
Acq: 10 Jan 2020 22:56

Tgt Ion: 43 Resp: 1795

Ion	Ratio	Lower	Upper
43	100		
72	5.2	20.6	31.0#



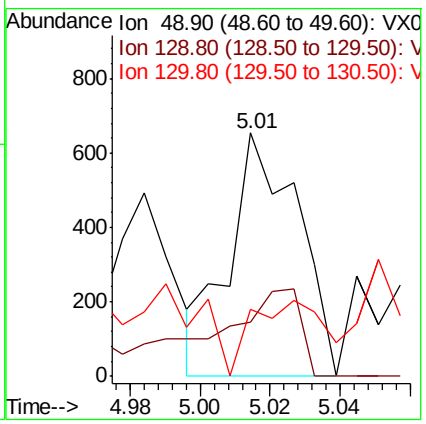


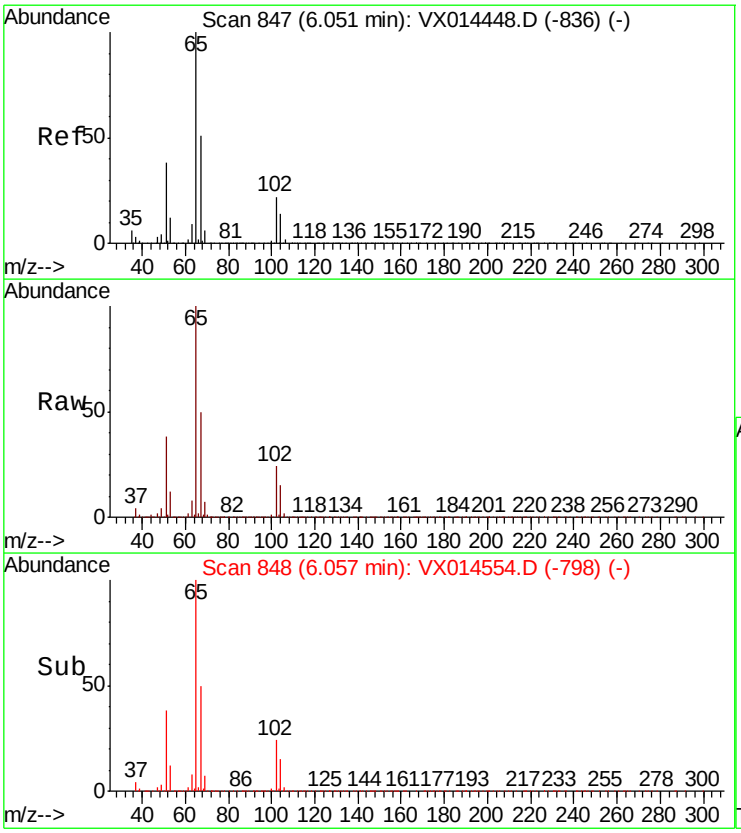
#28
Bromochloromethane
Concen: 0.236 ug/l
RT: 5.01 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX014554.D
Acq: 10 Jan 2020 22:56

Instrument : MSVOA_X
ClientSampleId : PB125964TB

Tgt Ion: 49 Resp: 898

Ion	Ratio	Lower	Upper
49	100		
129	46.3	0.0	4.4#
130	32.6	67.0	100.4#

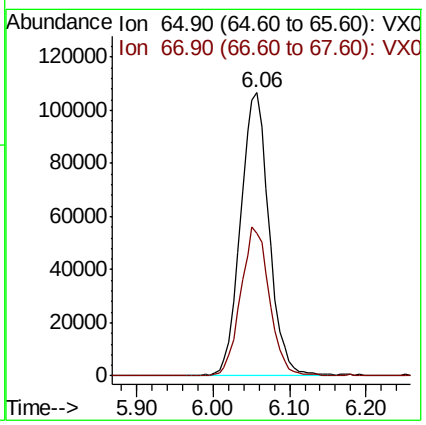


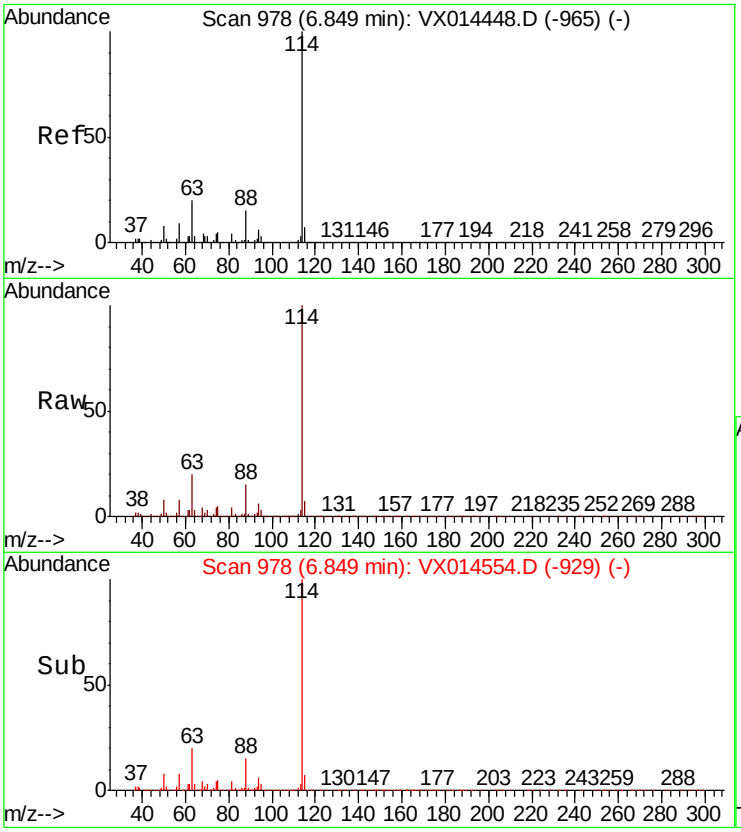


#33
1,2-Dichloroethane-d4
Concen: 49.548 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX014554.D
Acq: 10 Jan 2020 22:56

Tgt Ion: 65 Resp: 274472

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	106.2



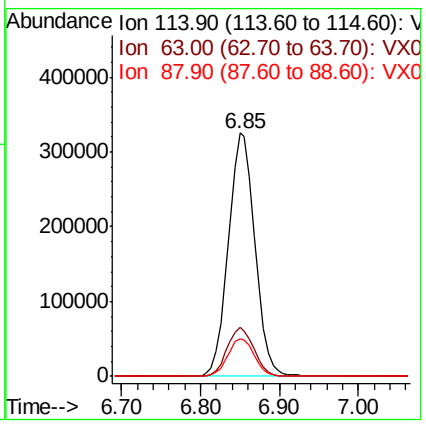


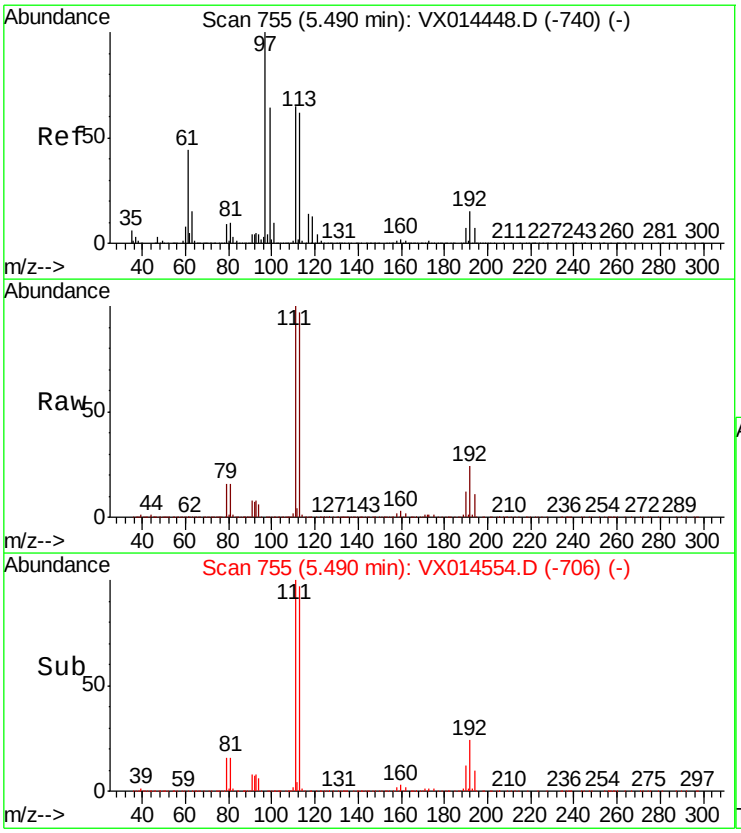
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX014554.D
Acq: 10 Jan 2020 22:56

Instrument :
MSVOA_X
ClientSampleId :
PB125964TB

Tgt Ion:114 Resp: 760942

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.6
88	15.3	0.0	30.8

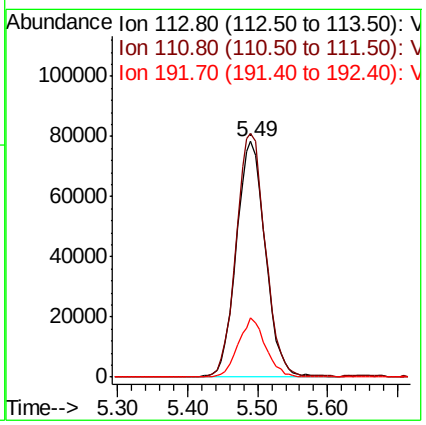


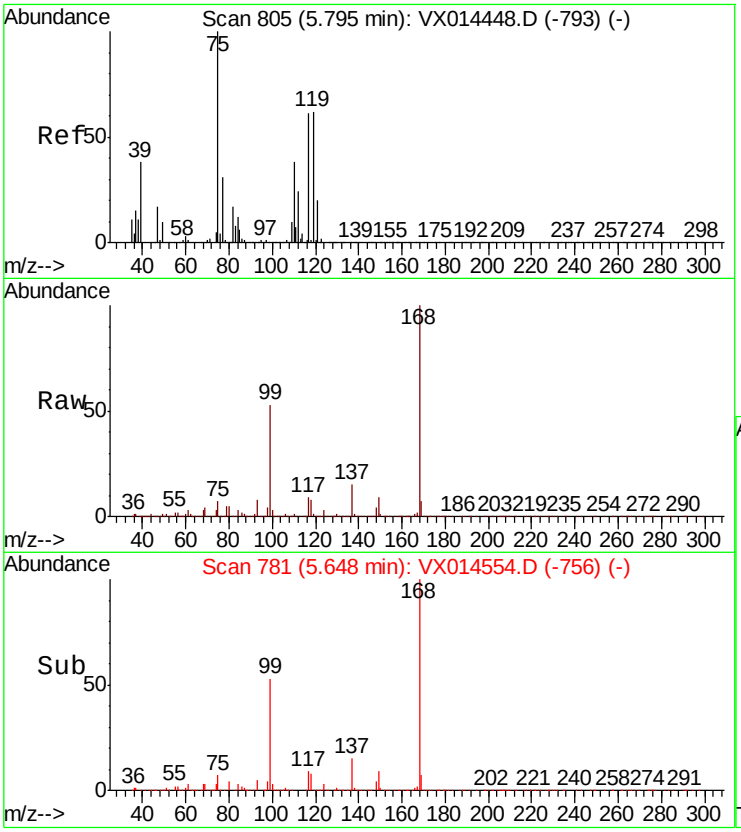


#35
Dibromofluoromethane
Concen: 49.098 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014554.D
Acq: 10 Jan 2020 22:56

Tgt Ion:113 Resp: 226163

Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.5	122.3
192	23.9	19.2	28.8



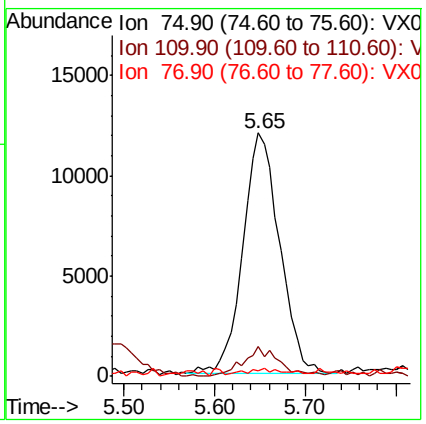


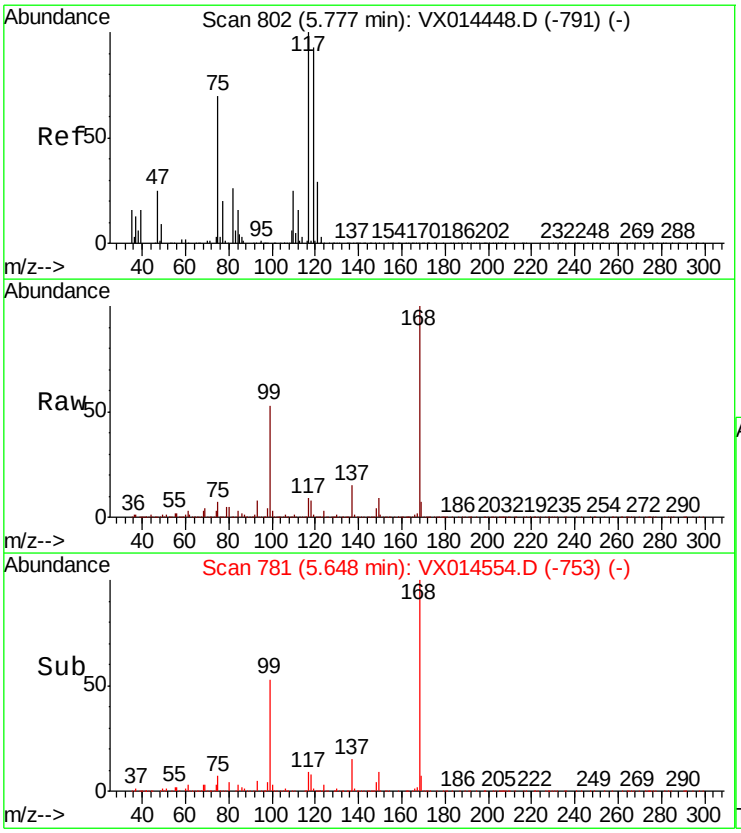
#36
1,1-Dichloropropene
Concen: 4.702 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.15 min
Lab File: VX014554.D
Acq: 10 Jan 2020 22:56

Instrument :
MSVOA_X
ClientSampleId :
PB125964TB

Tgt Ion: 75 Resp: 33650

Ion	Ratio	Lower	Upper
75	100		
110	12.3	18.6	55.8#
77	1.4	24.5	36.7#

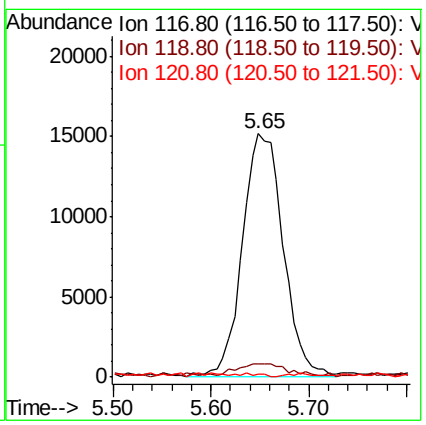


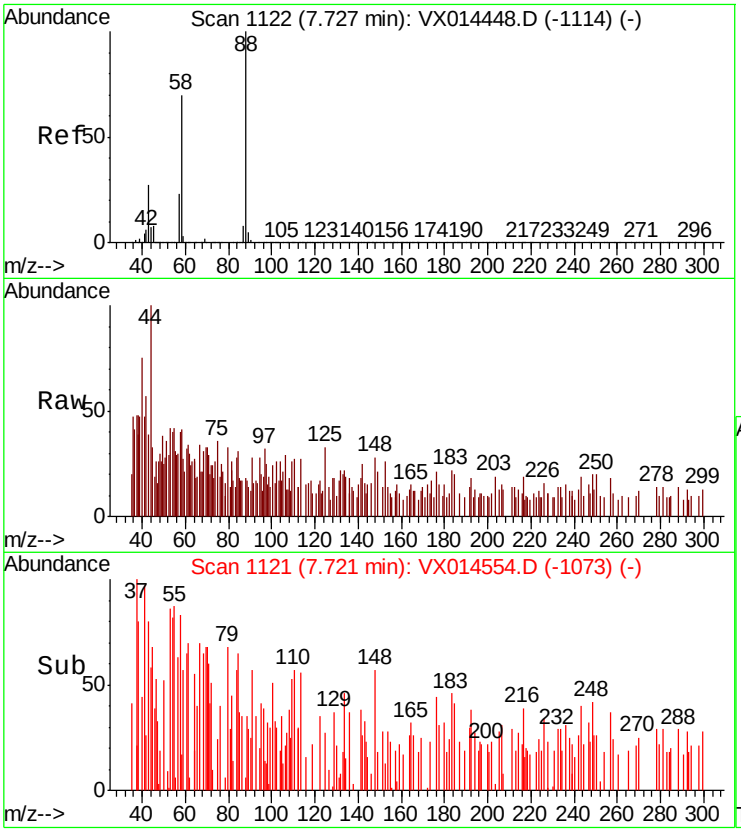


#38
Carbon Tetrachloride
Concen: 6.704 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX014554.D
Acq: 10 Jan 2020 22:56

Tgt Ion:117 Resp: 44146

Ion	Ratio	Lower	Upper
117	100		
119	5.6	73.8	110.8#
121	1.4	23.4	35.0#



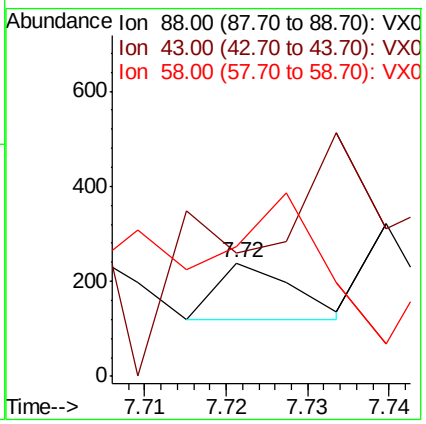


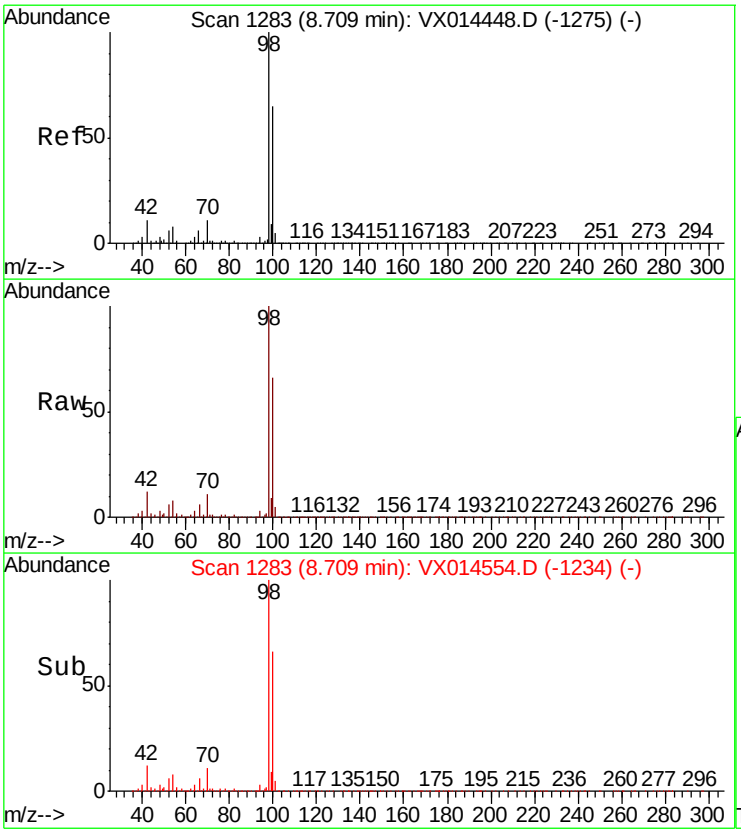
#49
1,4-Dioxane
Concen: 0.620 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VX014554.D
Acq: 10 Jan 2020 22:56

Instrument :
MSVOA_X
ClientSampleId :
PB125964TB

Tgt Ion: 88 Resp: 79

Ion	Ratio	Lower	Upper
88	100		
43	1367.1	27.4	41.0#
58	0.0	57.1	85.7#

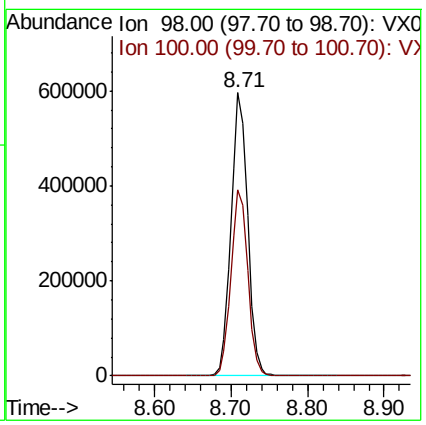


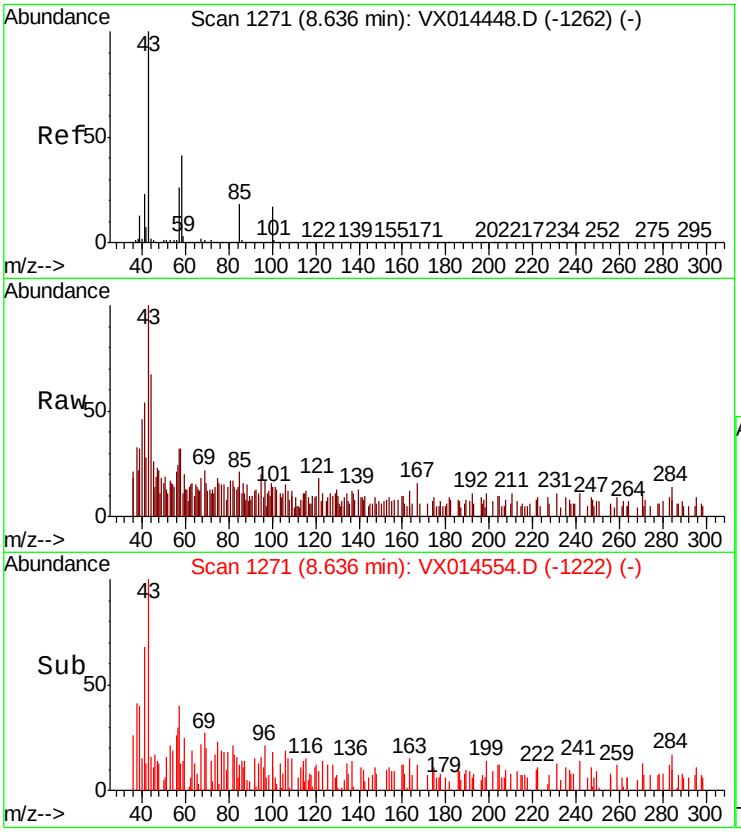


#50
Toluene-d8
Concen: 50.304 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014554.D
Acq: 10 Jan 2020 22:56

Tgt Ion: 98 Resp: 899217

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.2	79.8



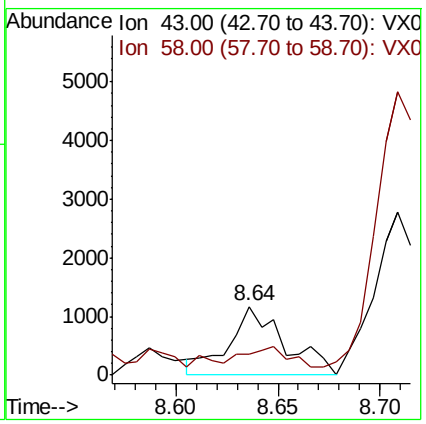


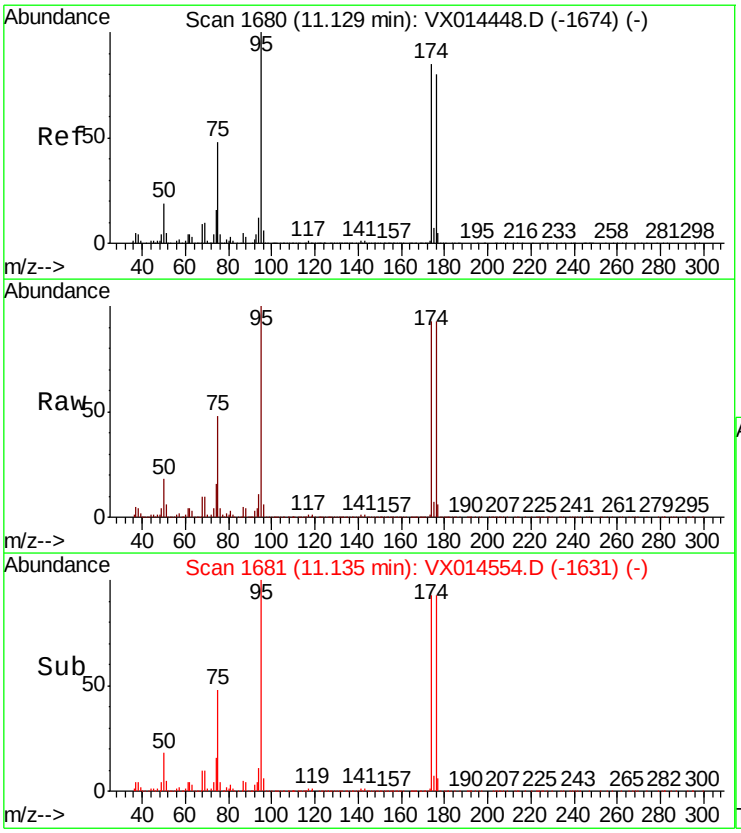
#51
4-Methyl-2-Pentanone
Concen: 0.289 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX014554.D
Acq: 10 Jan 2020 22:56

Instrument : MSVOA_X
ClientSampleId : PB125964TB

Tgt Ion: 43 Resp: 2211

Ion	Ratio	Lower	Upper
43	100		
58	28.9	32.4	48.6#

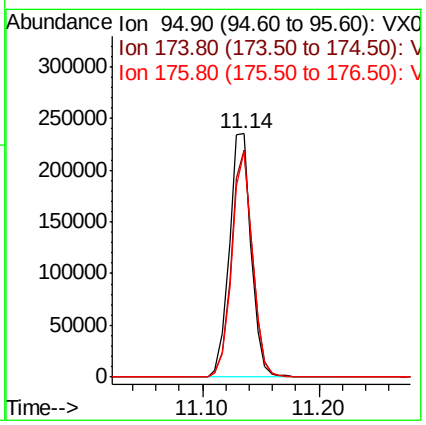


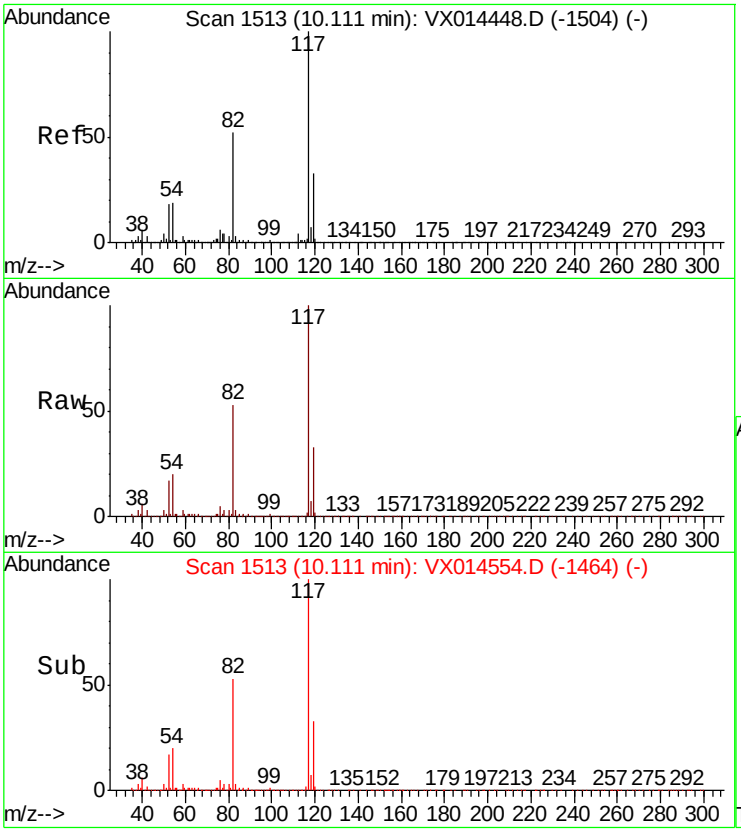


#62
4-Bromofluorobenzene
Concen: 46.825 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX014554.D
Acq: 10 Jan 2020 22:56

Tgt Ion: 95 Resp: 307279

Ion	Ratio	Lower	Upper
95	100		
174	90.0	0.0	180.8
176	87.6	0.0	172.8



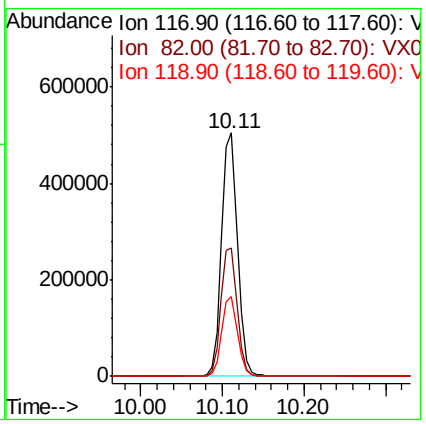


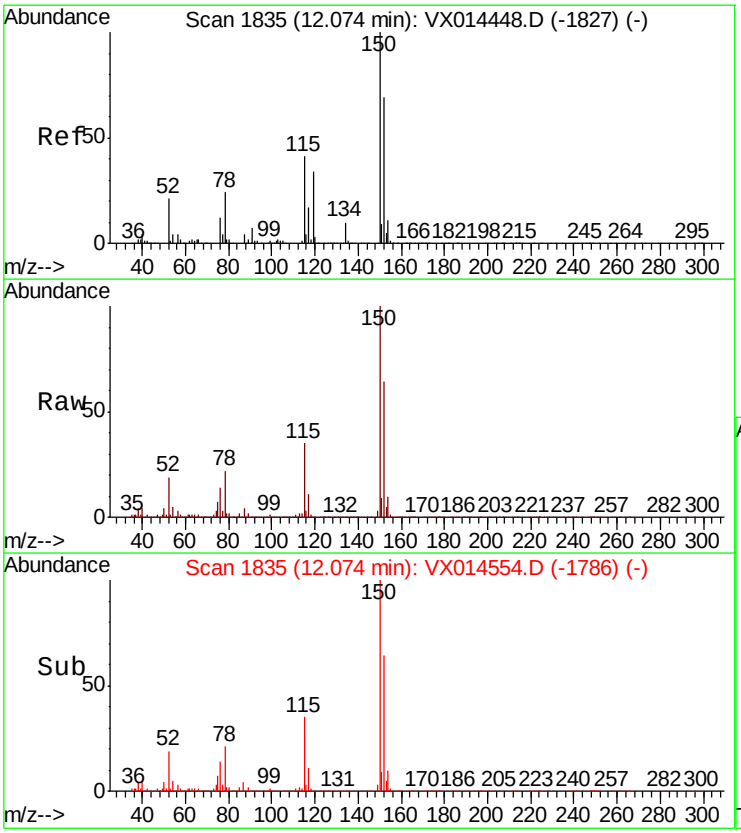
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014554.D
Acq: 10 Jan 2020 22:56

Instrument : MSVOA_X
ClientSampleId : PB125964TB

Tgt Ion:117 Resp: 685349

Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.8	62.6
119	32.5	26.2	39.4

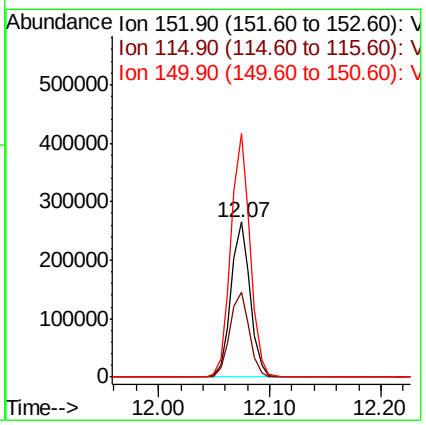


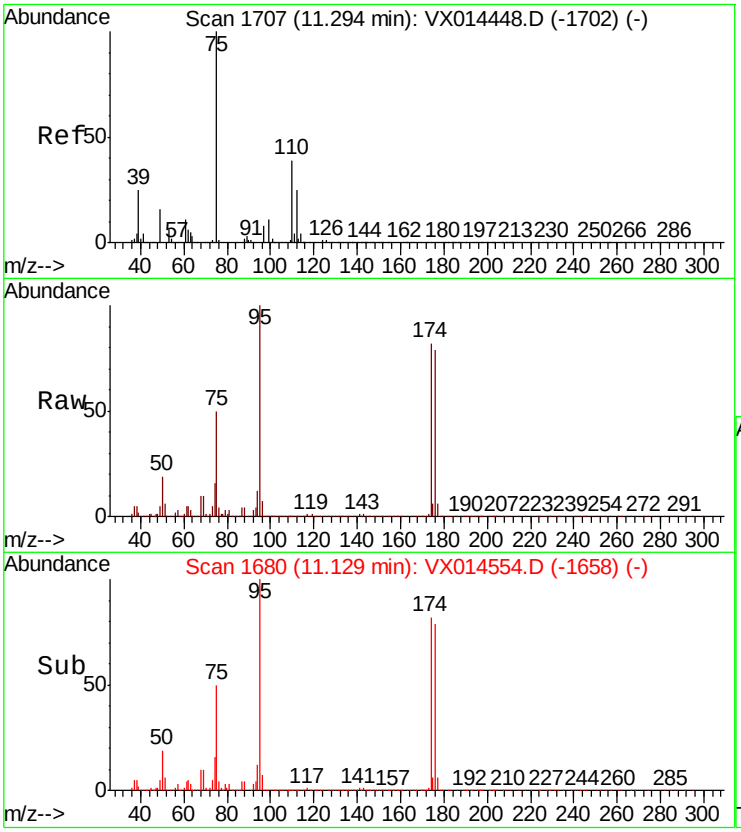


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014554.D
Acq: 10 Jan 2020 22:56

Tgt Ion:152 Resp: 315107

Ion	Ratio	Lower	Upper
152	100		
115	55.7	39.5	118.3
150	157.1	0.0	350.2



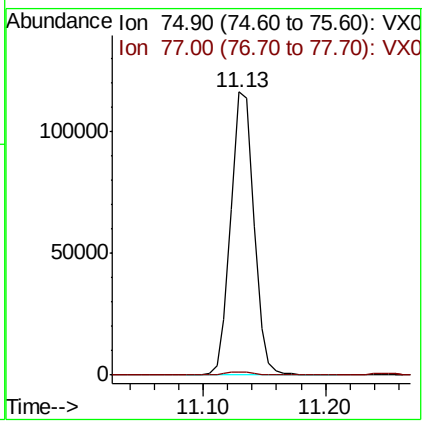


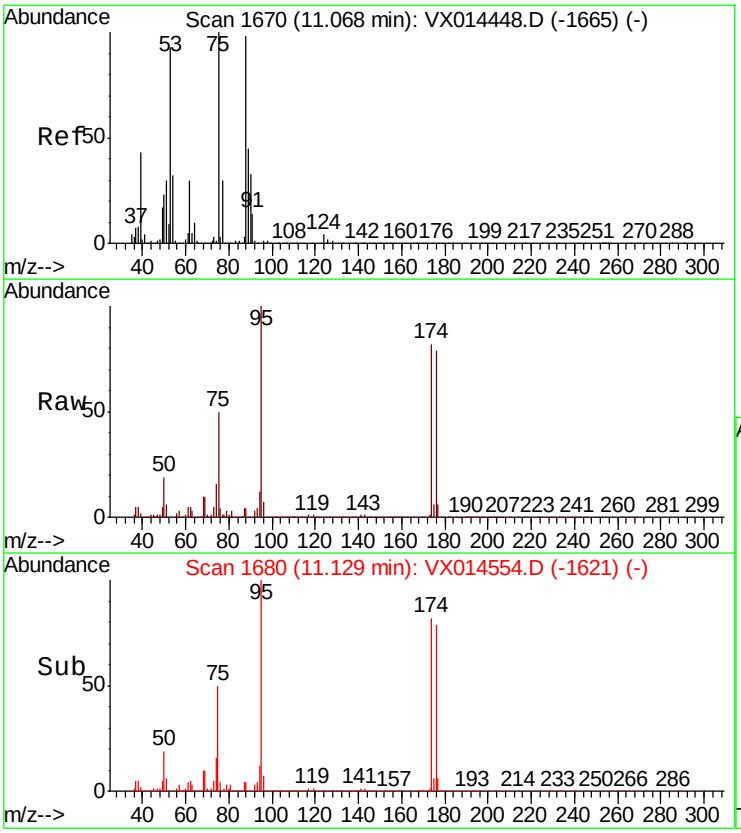
#76
1,2,3-Trichloropropane
Concen: 23.309 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014554.D
Acq: 10 Jan 2020 22:56

Instrument :
MSVOA_X
ClientSampleId :
PB125964TB

Tgt Ion: 75 Resp: 151964

Ion	Ratio	Lower	Upper
75	100		
77	1.6	21.9	65.7#

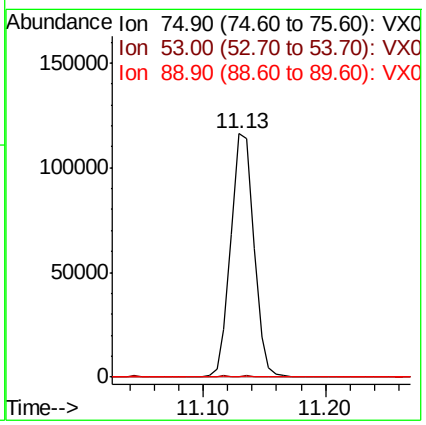


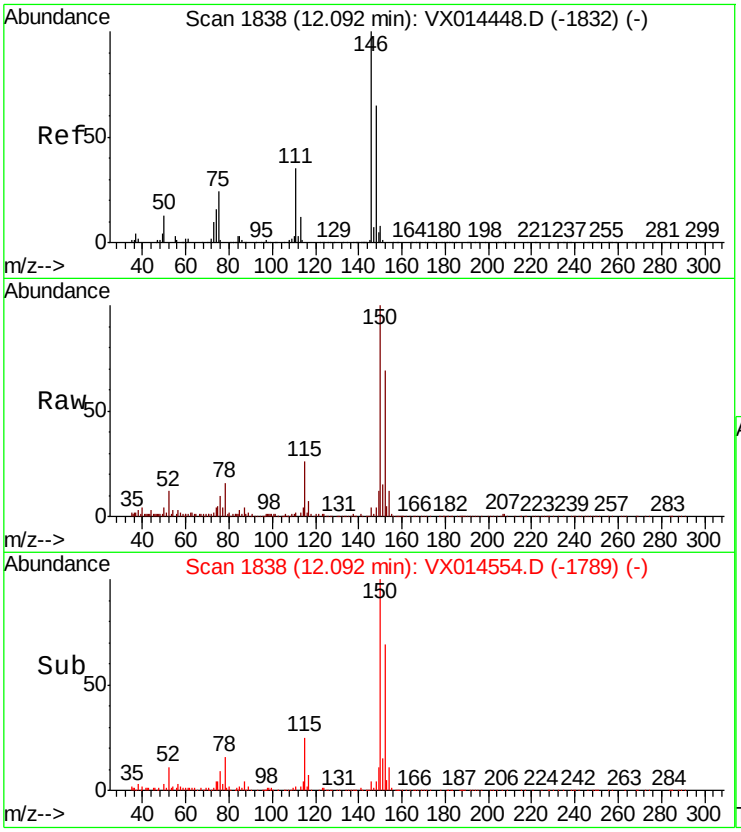


#81
trans-1,4-Dichloro-2-butene
Concen: 61.624 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014554.D
Acq: 10 Jan 2020 22:56

Tgt Ion: 75 Resp: 151964

Ion	Ratio	Lower	Upper
75	100		
53	0.4	74.8	112.2#
89	0.2	36.3	54.5#



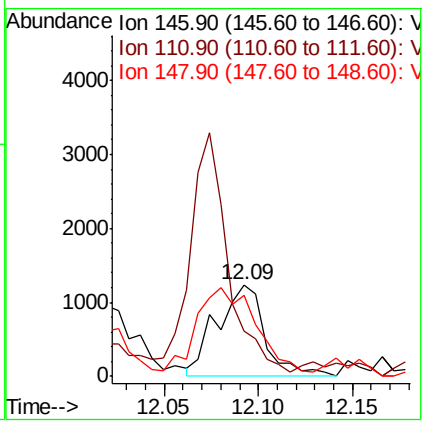


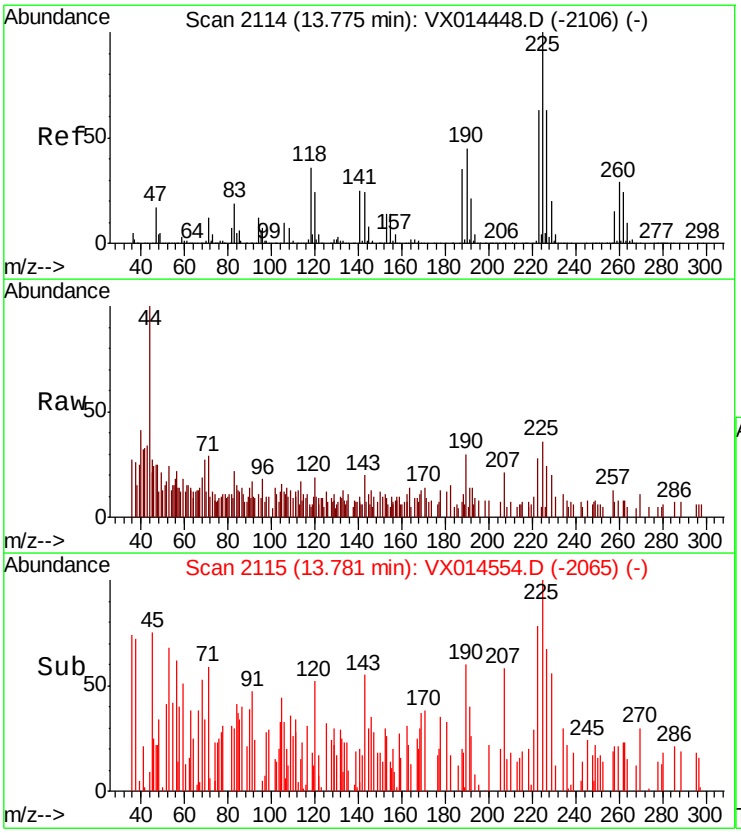
#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX014554.D
Acq: 10 Jan 2020 22:56

Instrument : MSVOA_X
ClientSampleId : PB125964TB

Tgt Ion:146 Resp: 2202

Ion	Ratio	Lower	Upper
146	100		
111	203.9	18.1	54.1#
148	123.1	32.1	96.3#





#94
Hexachlorobutadiene
Concen: 0.260 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VX014554.D
Acq: 10 Jan 2020 22:56

Tgt Ion:225 Resp: 706

Ion	Ratio	Lower	Upper
225	100		
223	70.1	31.1	93.2
227	101.7	31.4	94.2#