Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX053119\
Data File : VX009982.D
Acq On : 31 May 2019 14:03
Operator : JC/SP
Sample : K2964-05 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 13818

Quant Time: May 31 14:48:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.66	168	175352	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	283254	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	254959	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114830	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	118906	48.00	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.00%				
35) Dibromofluoromethane	5.49	113	86845	48.77	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.54%				
50) Toluene-d8	8.71	98	359504	49.71	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.42%				
62) 4-Bromofluorobenzene	11.13	95	125118	48.17	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.34%				
Target Compounds							Qvalue
6) Chloroethane	1.50	64	3850	2.408	ug/l	#	49
10) Methyl Iodide	2.50	142	78	4.690	ug/l	#	42
11) Tert butyl alcohol	3.01	59	7208	11.824	ug/l	#	79
13) Acrolein	2.28	56	42	21.186	ug/l	#	1
16) Acetone	2.44	43	10893	7.611	ug/l		96
17) Carbon Disulfide	2.56	76	1375	0.638	ug/l		99
18) Methyl Acetate	2.78	43	2616	0.786	ug/l		97
25) 2-Butanone	4.68	43	20463	9.177	ug/l		96
29) Tetrahydrofuran	5.12	42	290	0.203	ug/l	#	39
31) Cyclohexane	5.65	56	4197	1.113	ug/l	#	1
36) 1,1-Dichloropropene	5.65	75	14182	4.935	ug/l	#	50
37) Ethyl Acetate	4.68	43	20463	5.110	ug/l	#	71
38) Carbon Tetrachloride	5.65	117	16401	6.604	ug/l	#	17
49) 1,4-Dioxane	7.83	88	40	0.672	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.64	43	2939	0.699	ug/l		98
57) 1,3-Dichloropropane	9.44	76	1179	0.315	ug/l	#	77
59) 2-Hexanone	9.49	43	1490	0.460	ug/l		91
74) N-amyl acetate	10.92	43	1802	0.356	ug/l	#	62
76) 1,2,3-Trichloropropane	11.38	75	2950	1.074	ug/l		96
81) trans-1,4-Dichloro-2-buten	11.13	75	65186	58.734	ug/l	#	10

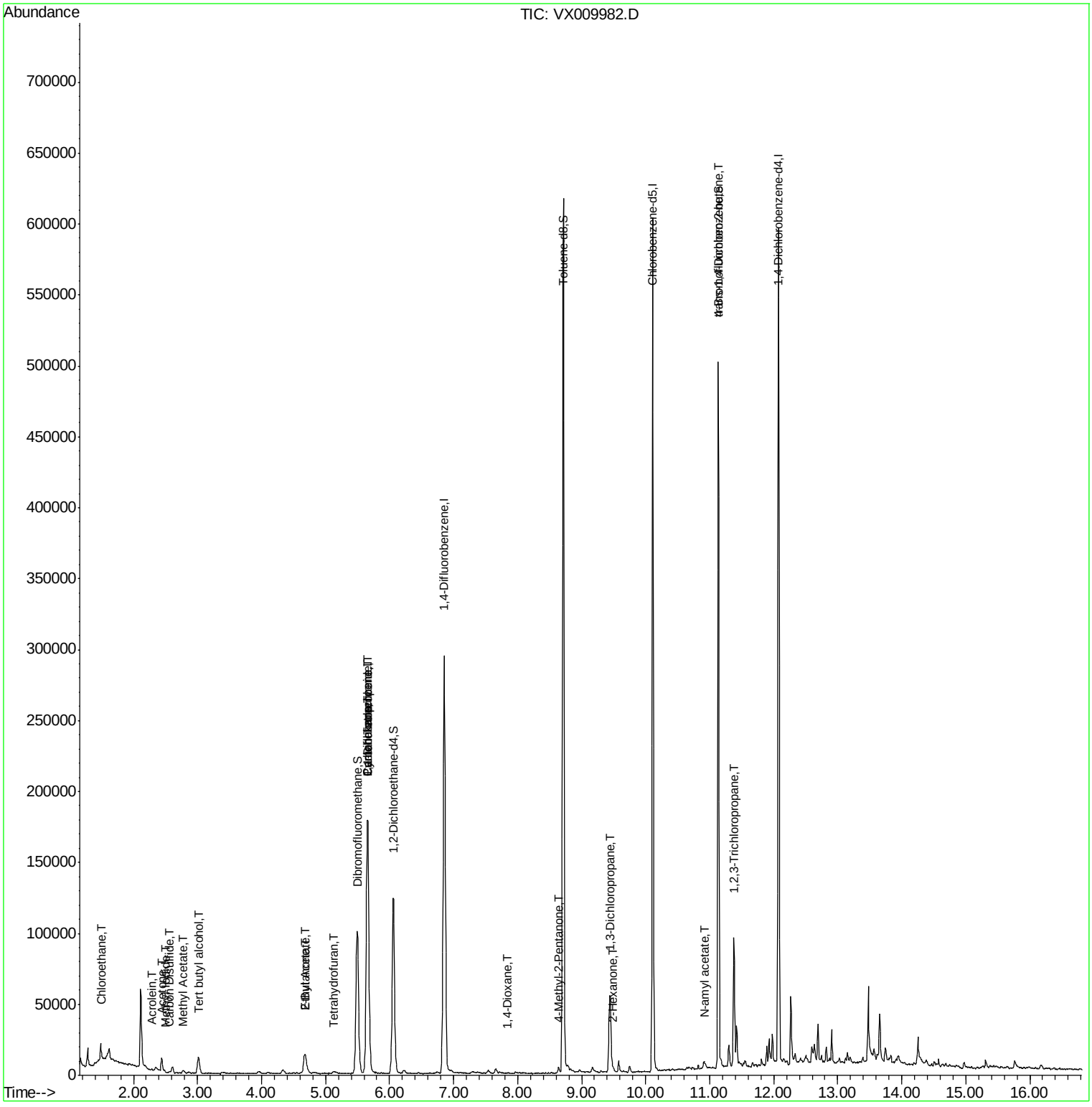
(#) = qualifier out of range (m) = manual integration (+) = signals summed

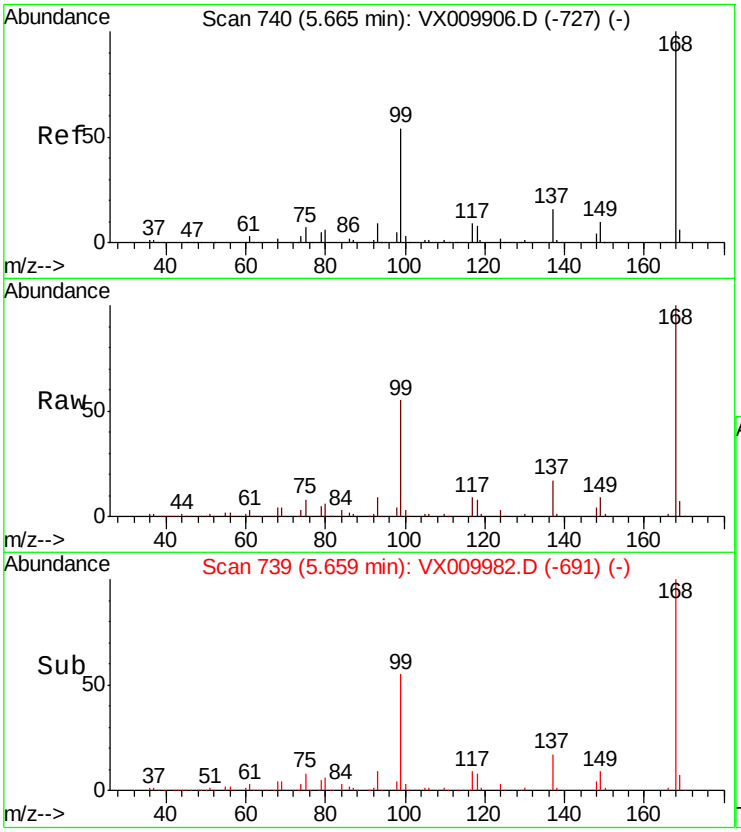
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX053119\
Data File : VX009982.D
Acq On : 31 May 2019 14:03
Operator : JC/SP
Sample : K2964-05 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
13818

Quant Time: May 31 14:48:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration



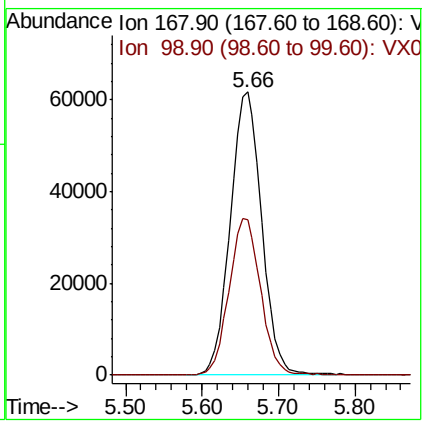


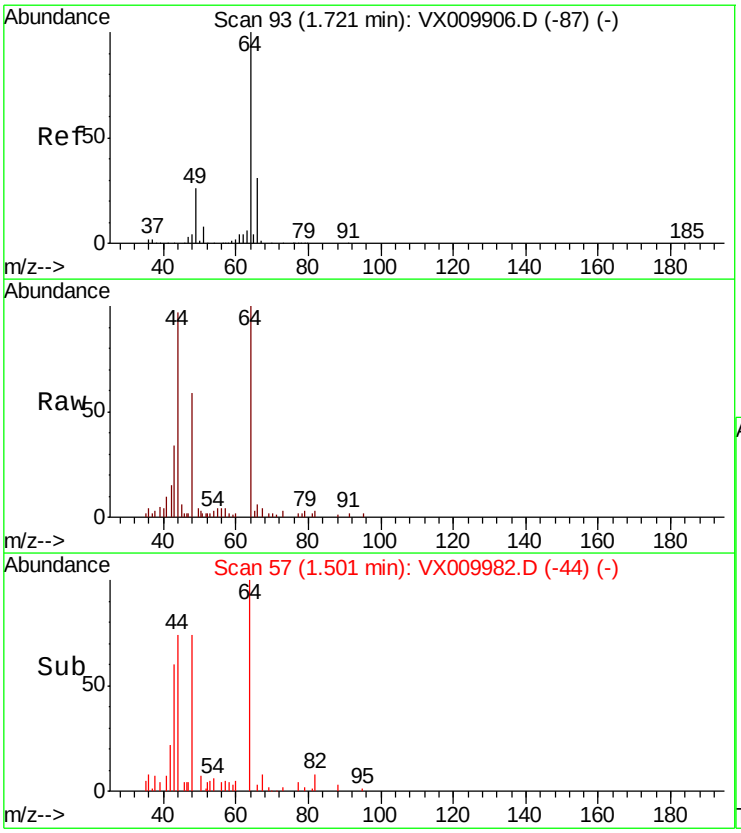
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009982.D
Acq: 31 May 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
13818

Tgt Ion:168 Resp: 175352

Ion	Ratio	Lower	Upper
168	100		
99	55.0	43.0	64.6

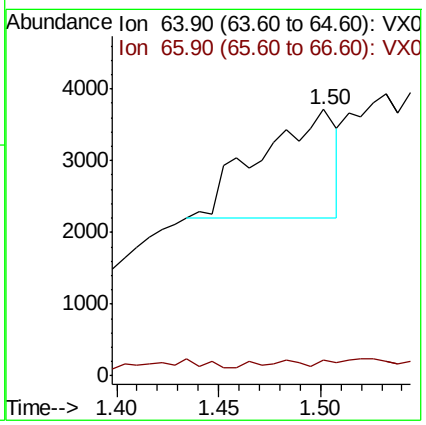


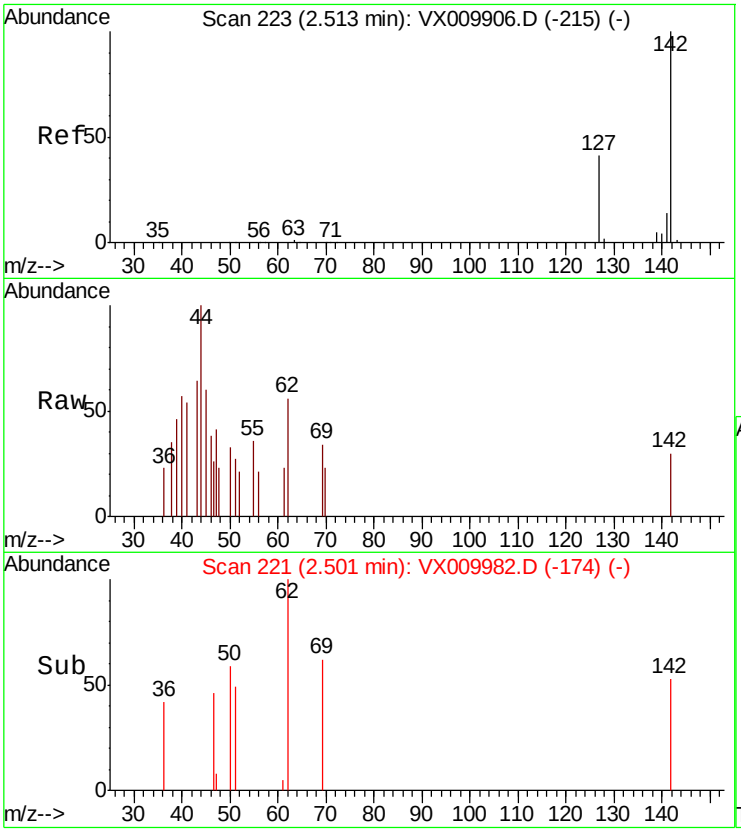


#6
Chloroethane
Concen: 2.408 ug/l
RT: 1.50 min Scan# 57
Delta R.T. -0.22 min
Lab File: VX009982.D
Acq: 31 May 2019 14:03

Tgt Ion: 64 Resp: 3850

Ion	Ratio	Lower	Upper
64	100		
66	3.1	25.1	37.7#



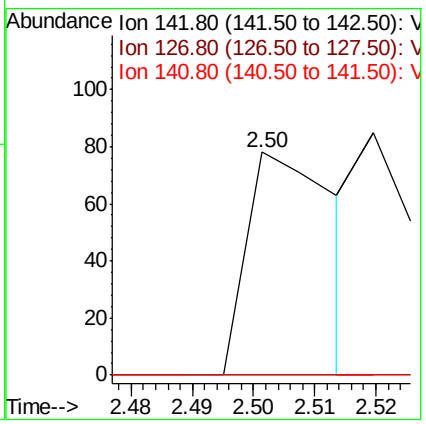


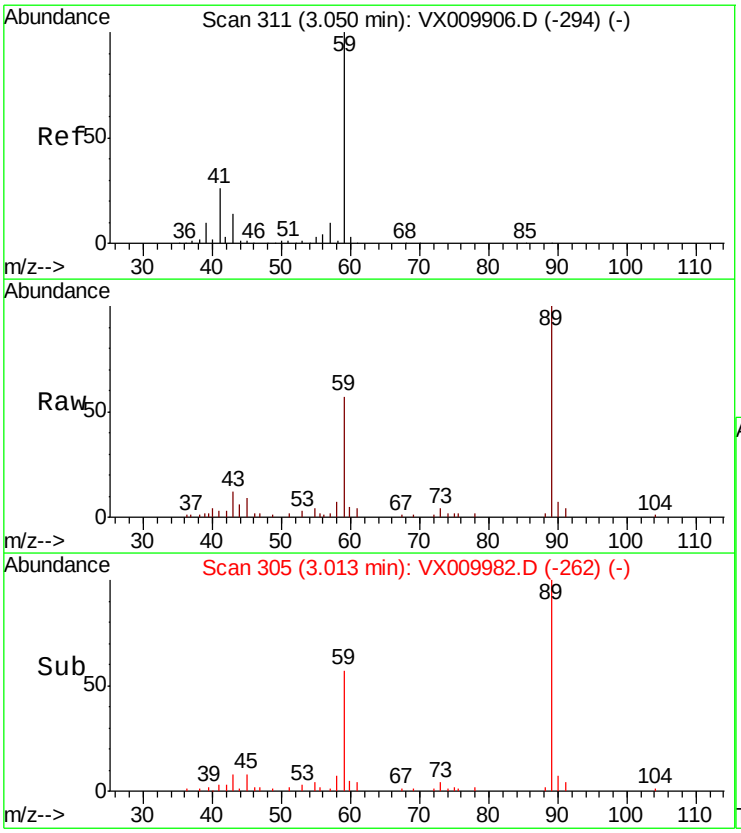
#10
Methyl Iodide
Concen: 4.690 ug/l
RT: 2.50 min Scan# 221
Delta R.T. -0.01 min
Lab File: VX009982.D
Acq: 31 May 2019 14:03

Instrument : MSVOA_X
ClientSampleId : 13818

Tgt Ion:142 Resp: 78

Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.0	49.4#
141	0.0	11.4	17.0#

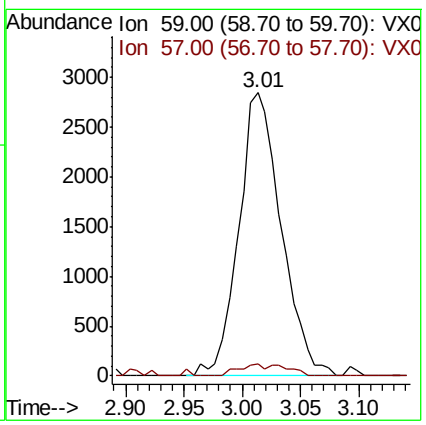


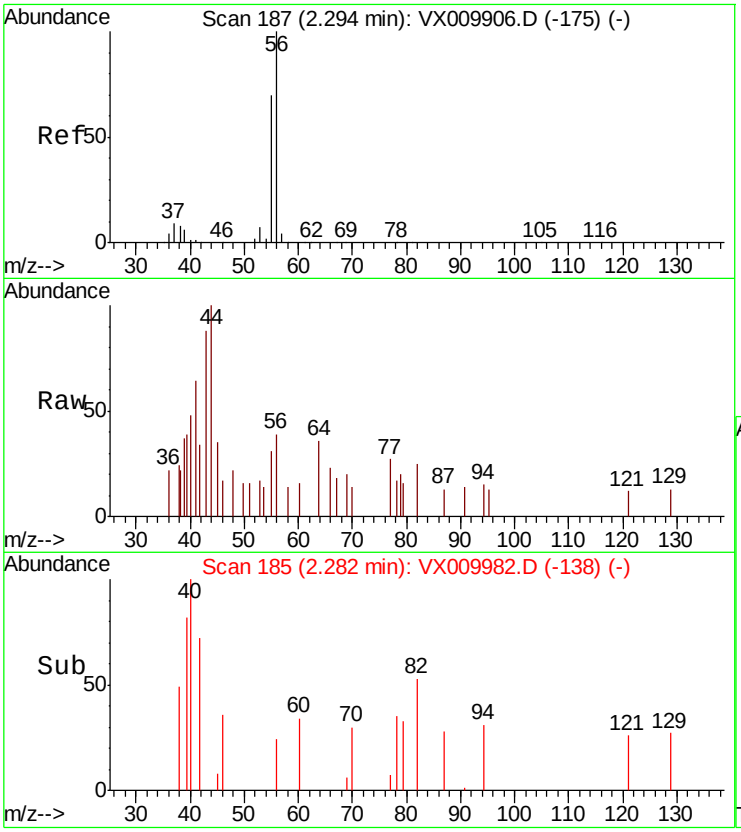


#11
Tert butyl alcohol
Concen: 11.824 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.04 min
Lab File: VX009982.D
Acq: 31 May 2019 14:03

Tgt Ion: 59 Resp: 7208

Ion	Ratio	Lower	Upper
59	100		
57	2.6	8.2	12.2#



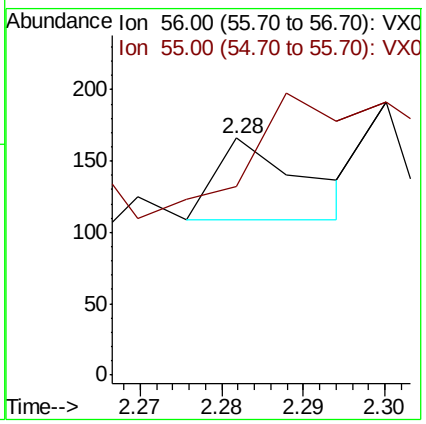


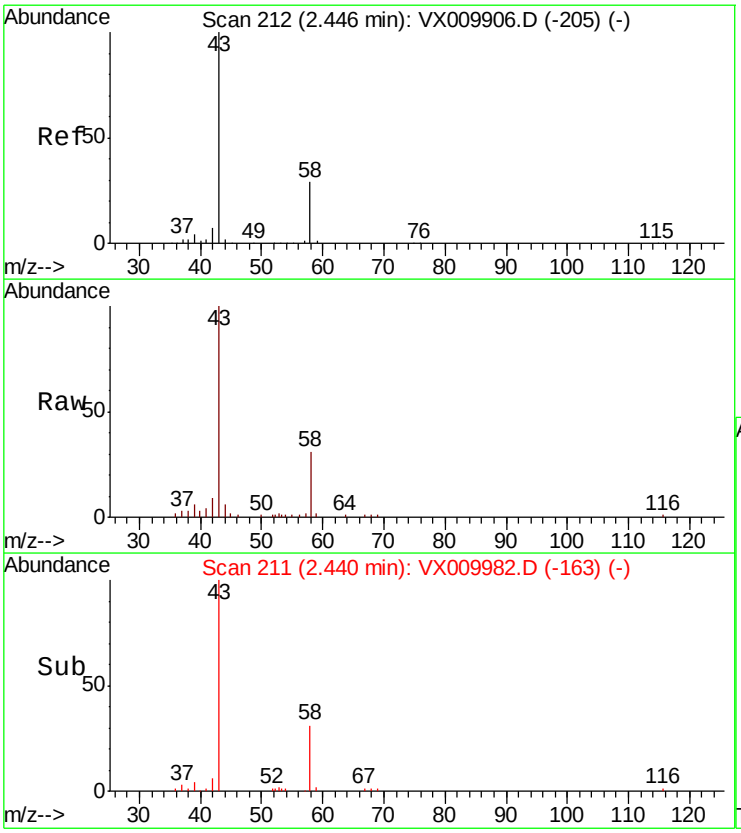
#13
Acrolein
Concen: 21.186 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX009982.D
Acq: 31 May 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
13818

Tgt Ion: 56 Resp: 42

Ion	Ratio	Lower	Upper
56	100		
55	359.5	57.0	85.4#

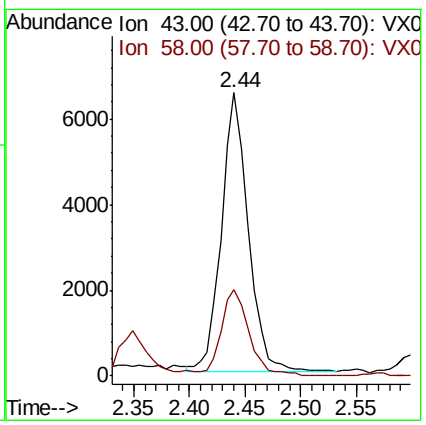


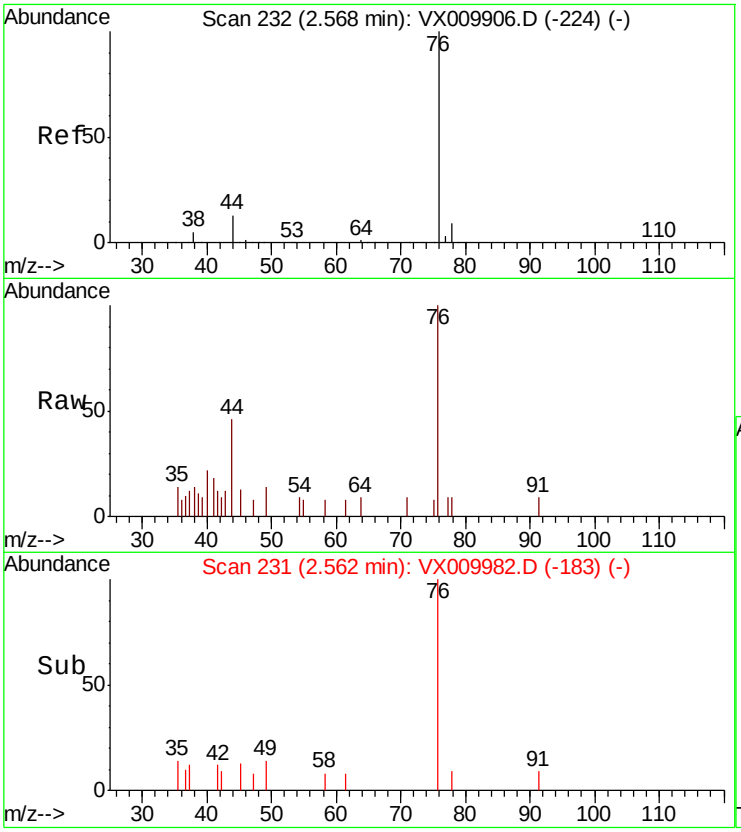


#16
Acetone
Concen: 7.611 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX009982.D
Acq: 31 May 2019 14:03

Tgt Ion: 43 Resp: 10893

Ion	Ratio	Lower	Upper
43	100		
58	31.0	23.2	34.8



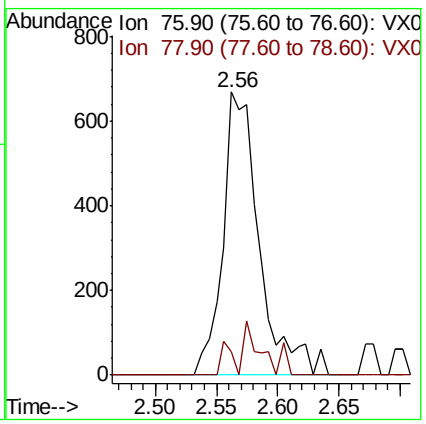


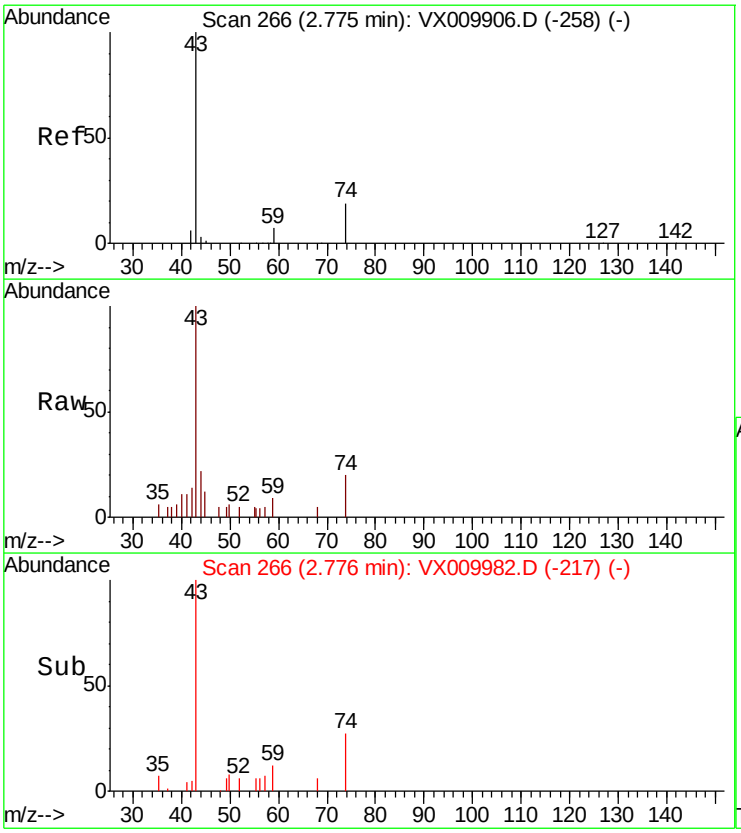
#17
Carbon Disulfide
Concen: 0.638 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX009982.D
Acq: 31 May 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
13818

Tgt Ion: 76 Resp: 1375

Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.0	10.6

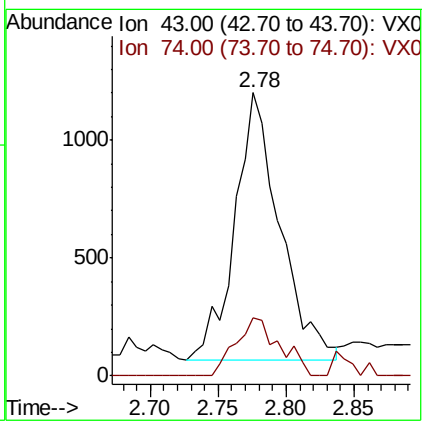


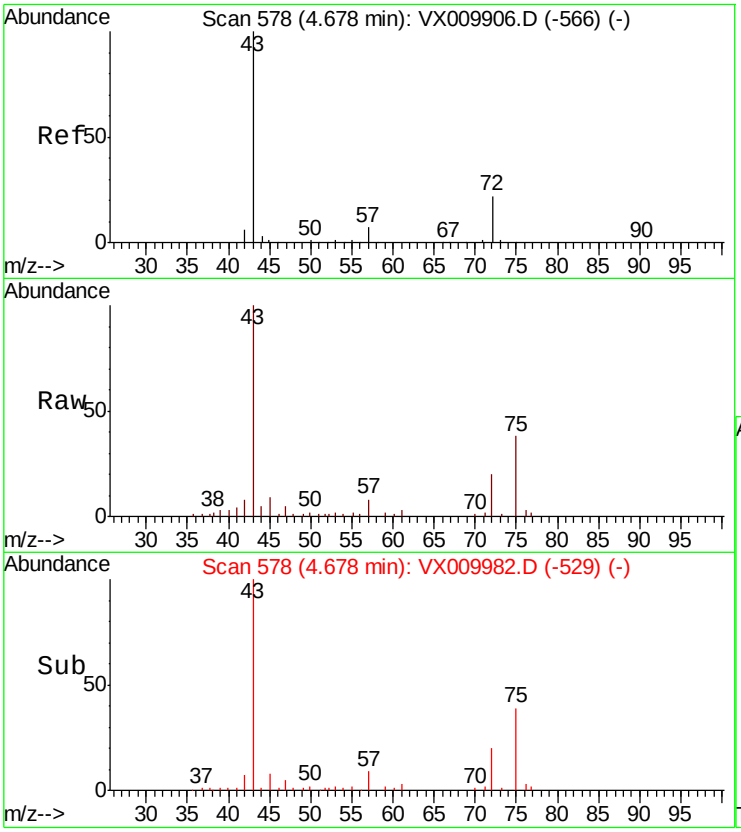


#18
Methyl Acetate
Concen: 0.786 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009982.D
Acq: 31 May 2019 14:03

Tgt Ion: 43 Resp: 2616

Ion	Ratio	Lower	Upper
43	100		
74	21.2	15.8	23.6



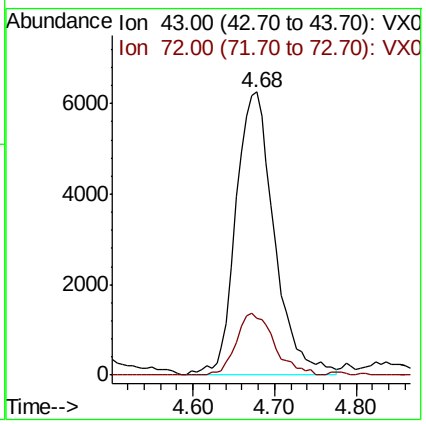


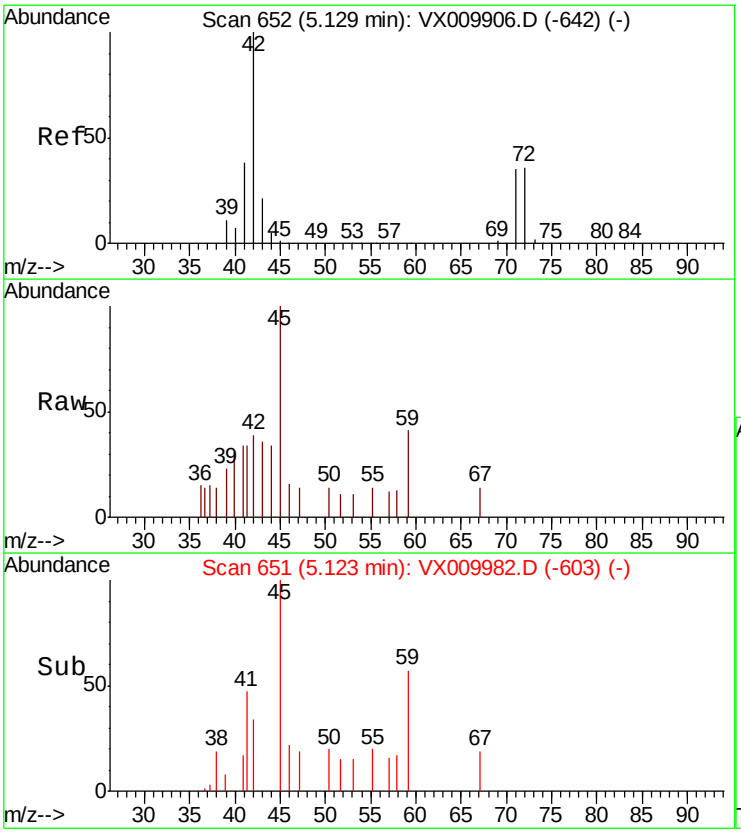
#25
2-Butanone
Concen: 9.177 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.00 min
Lab File: VX009982.D
Acq: 31 May 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
13818

Tgt Ion: 43 Resp: 20463

Ion	Ratio	Lower	Upper
43	100		
72	20.0	17.5	26.3

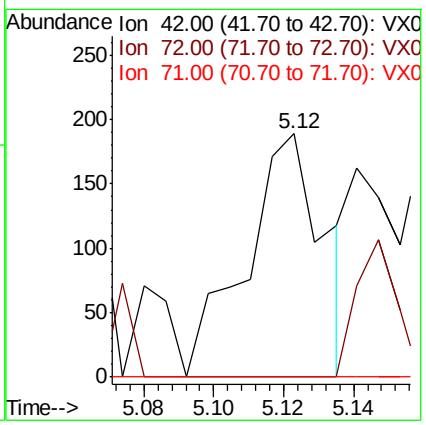


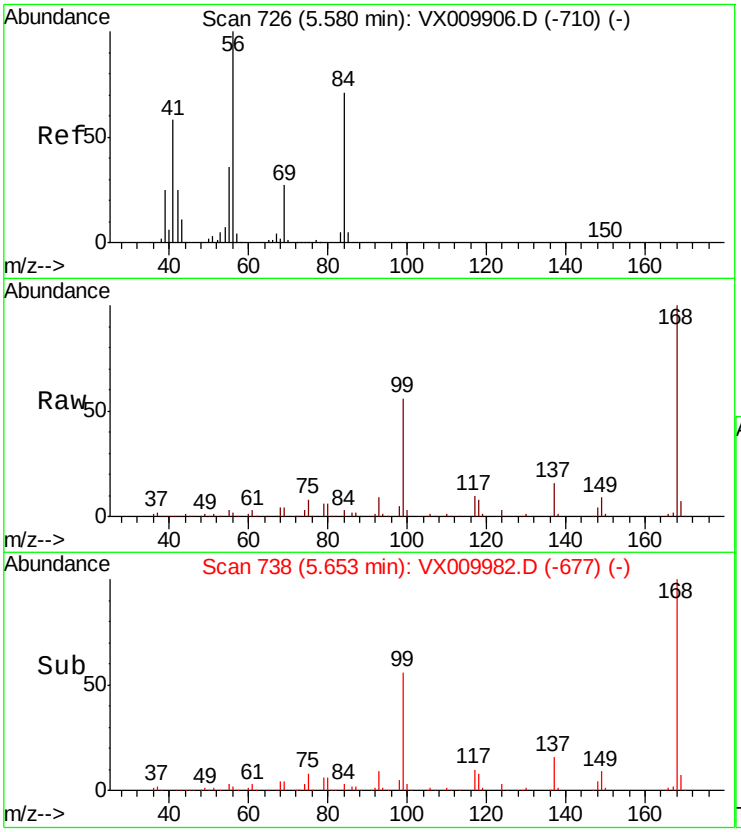


#29
Tetrahydrofuran
Concen: 0.203 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX009982.D
Acq: 31 May 2019 14:03

Tgt Ion: 42 Resp: 290

Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.2	43.8#
71	0.0	27.6	41.4#



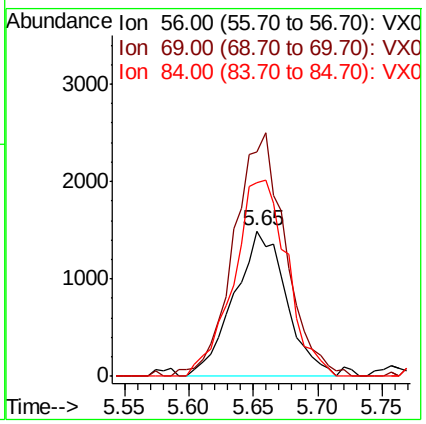


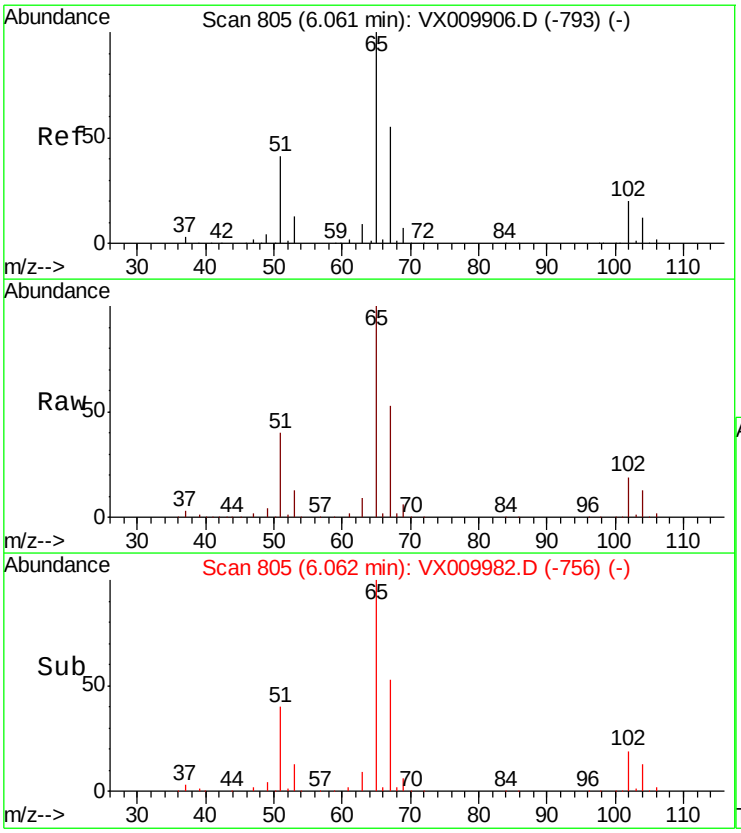
#31
Cyclohexane
Concen: 1.113 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.07 min
Lab File: VX009982.D
Acq: 31 May 2019 14:03

Instrument : MSVOA_X
ClientSampleId : 13818

Tgt Ion: 56 Resp: 4197

Ion	Ratio	Lower	Upper
56	100		
69	150.6	21.6	32.4#
84	132.9	56.8	85.2#

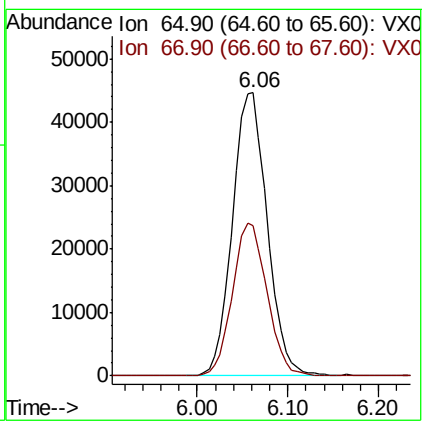


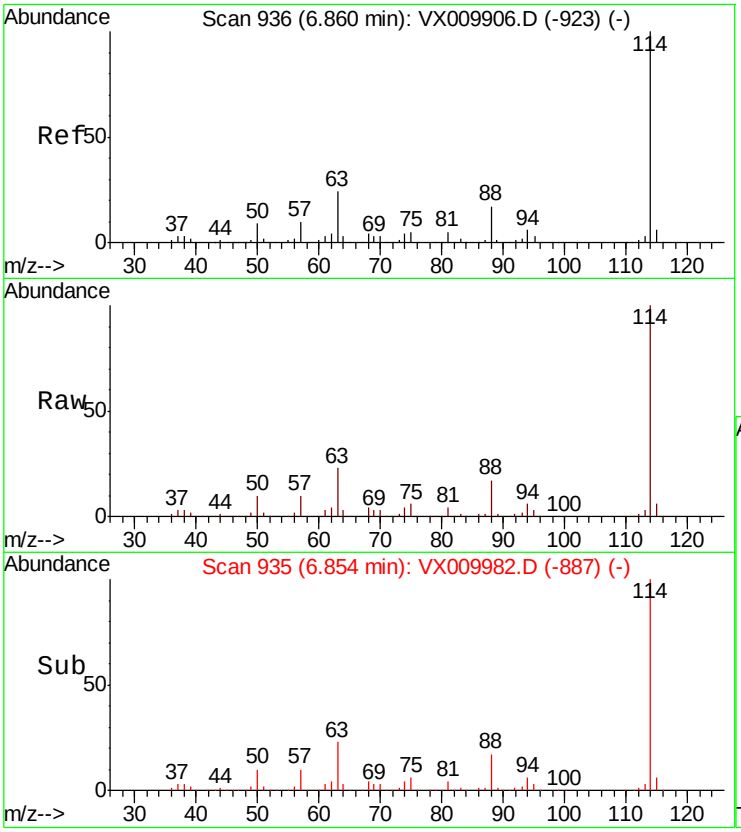


#33
1,2-Dichloroethane-d4
Concen: 48.004 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009982.D
Acq: 31 May 2019 14:03

Tgt Ion: 65 Resp: 118906

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	108.4



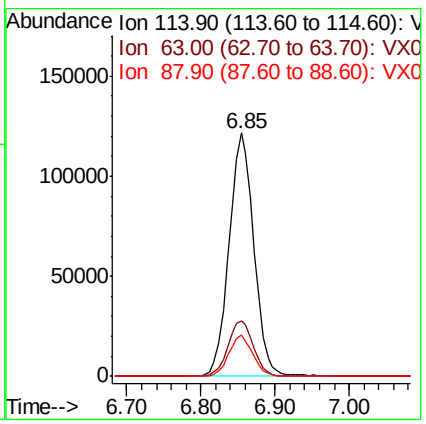


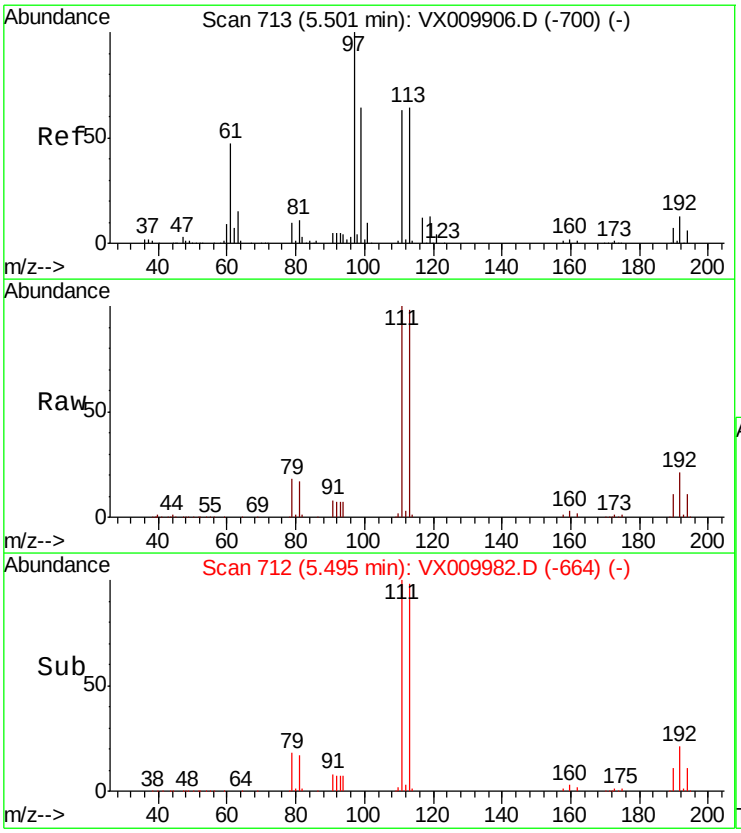
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX009982.D
Acq: 31 May 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
13818

Tgt Ion:114 Resp: 283254

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	47.4
88	16.8	0.0	33.0

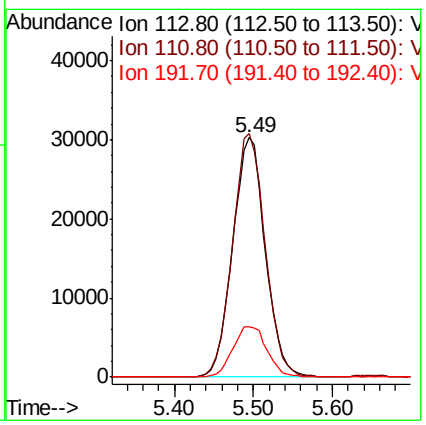


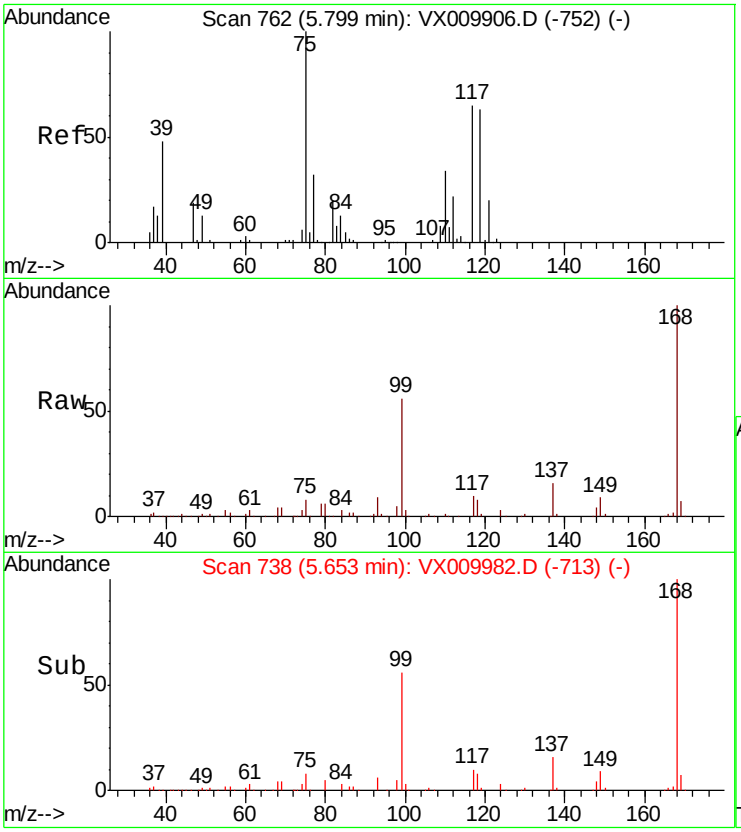


#35
Dibromofluoromethane
Concen: 48.767 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX009982.D
Acq: 31 May 2019 14:03

Tgt Ion:113 Resp: 86845

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.2	123.2
192	22.0	17.1	25.7



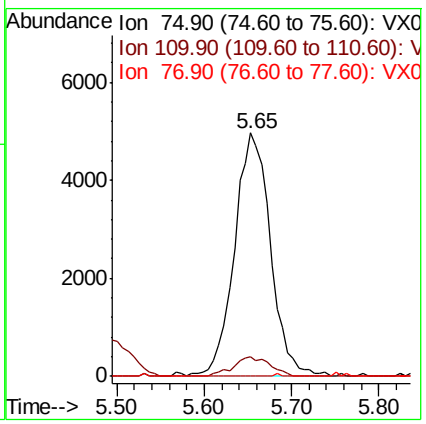


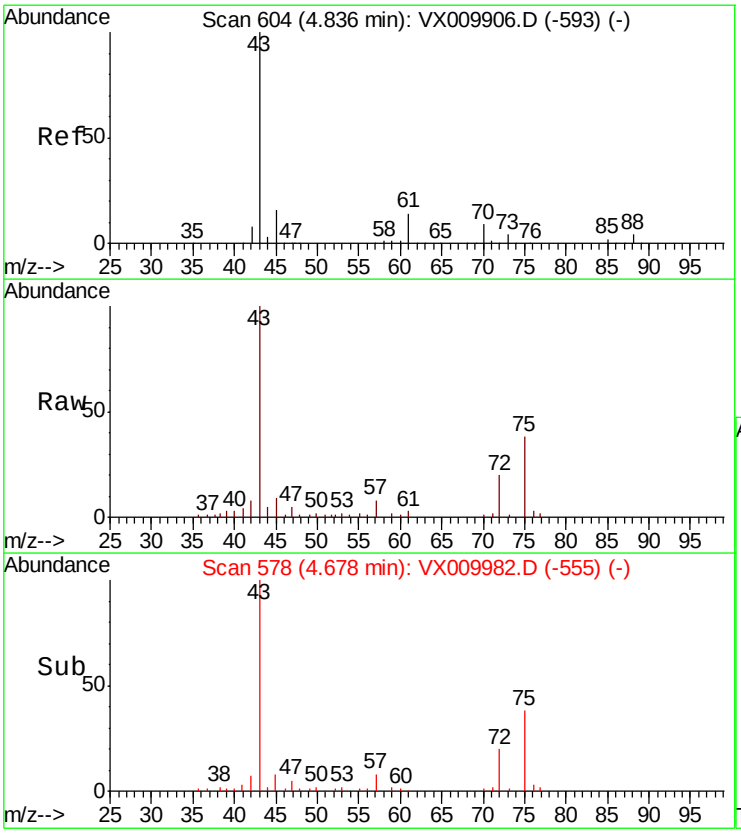
#36
1,1-Dichloropropene
Concen: 4.935 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.15 min
Lab File: VX009982.D
Acq: 31 May 2019 14:03

Instrument : MSVOA_X
ClientSampleId : 13818

Tgt Ion: 75 Resp: 14182

Ion	Ratio	Lower	Upper
75	100		
110	8.3	16.7	50.1#
77	0.0	25.0	37.4#

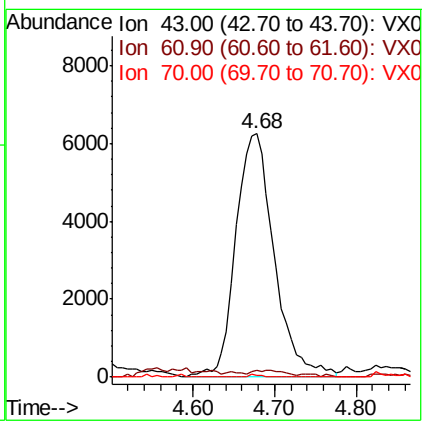


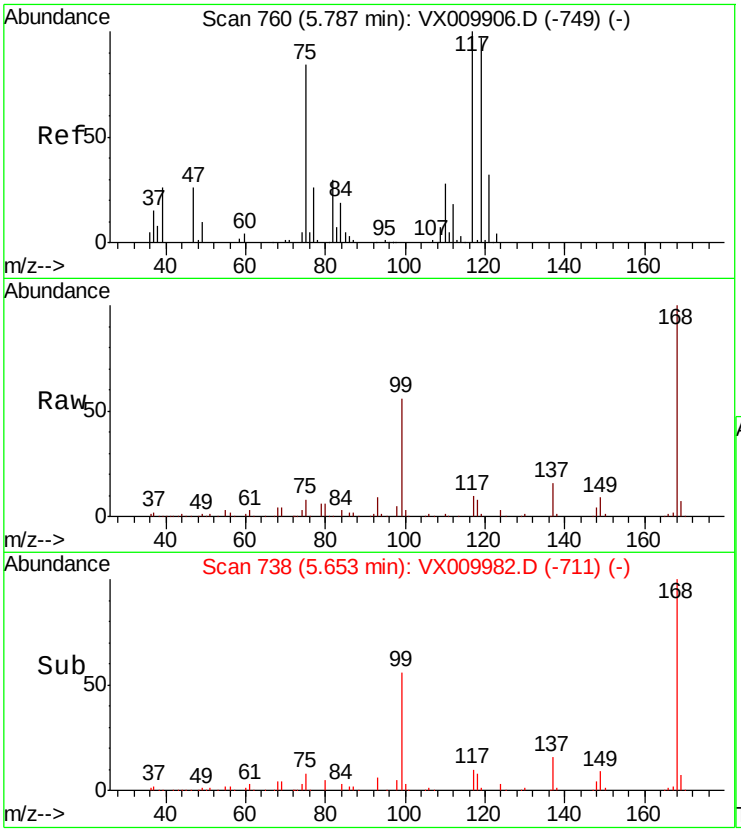


#37
Ethyl Acetate
Concen: 5.110 ug/l
RT: 4.68 min Scan# 578
Delta R.T. -0.16 min
Lab File: VX009982.D
Acq: 31 May 2019 14:03

Tgt Ion: 43 Resp: 20463

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.2	15.2#
70	0.3	7.4	11.2#



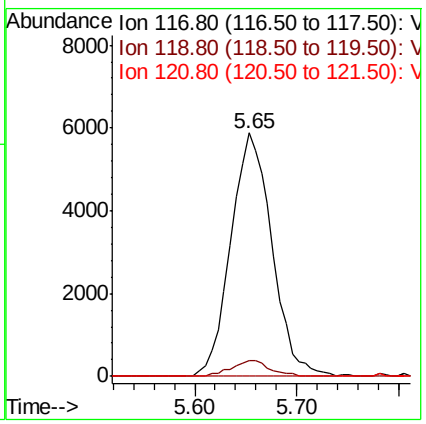


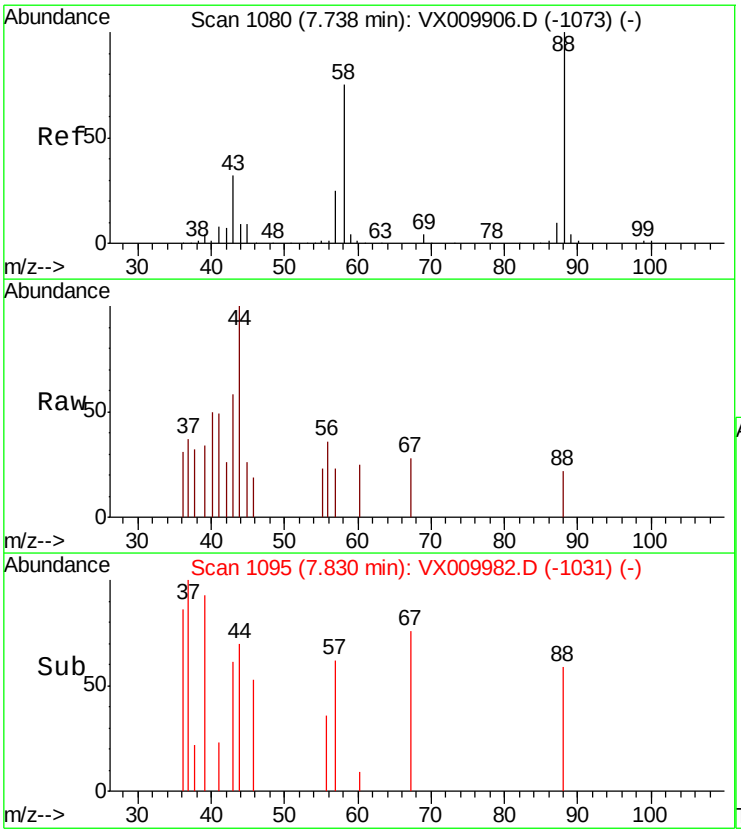
#38
Carbon Tetrachloride
Concen: 6.604 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX009982.D
Acq: 31 May 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
13818

Tgt Ion:117 Resp: 16401

Ion	Ratio	Lower	Upper
117	100		
119	6.3	77.3	115.9#
121	0.0	25.4	38.0#

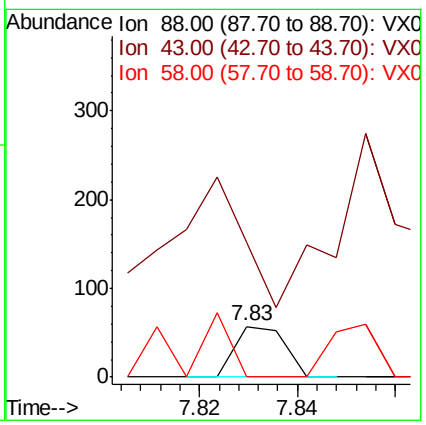


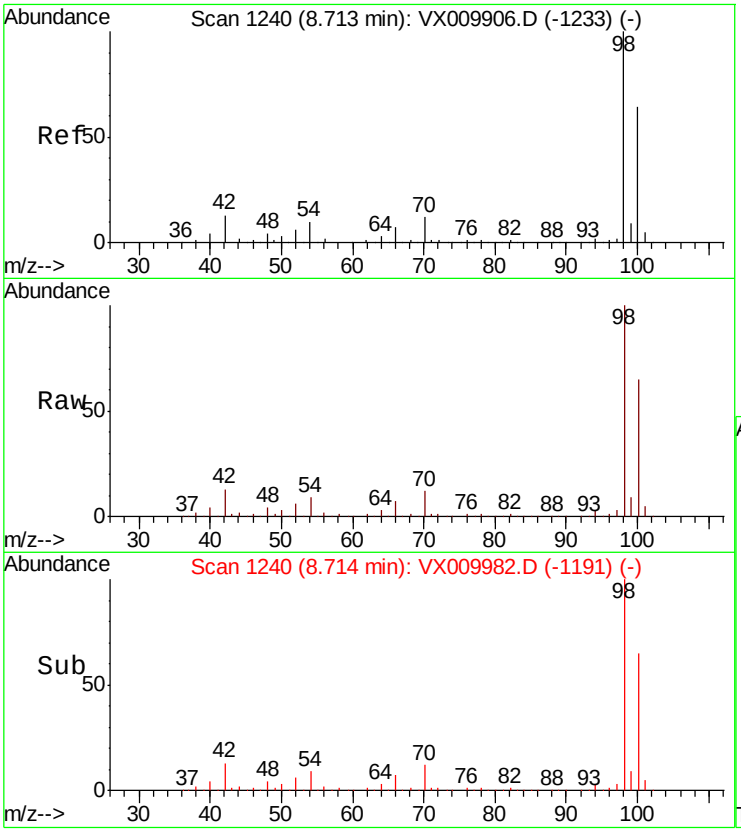


#49
1,4-Dioxane
Concen: 0.672 ug/l
RT: 7.83 min Scan# 1095
Delta R.T. 0.09 min
Lab File: VX009982.D
Acq: 31 May 2019 14:03

Tgt Ion: 88 Resp: 40

Ion	Ratio	Lower	Upper
88	100		
43	337.5	30.2	45.4#
58	0.0	64.0	96.0#



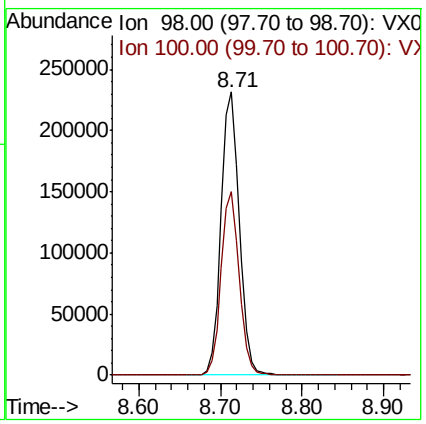


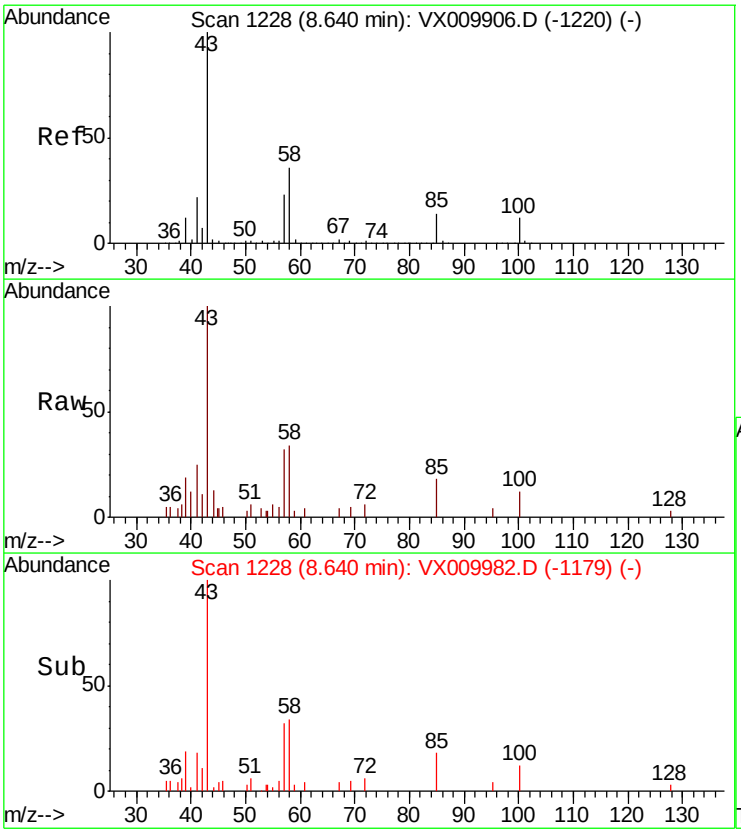
#50
Toluene-d8
Concen: 49.713 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009982.D
Acq: 31 May 2019 14:03

Instrument : MSVOA_X
ClientSampleId : 13818

Tgt Ion: 98 Resp: 359504

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.5	77.3

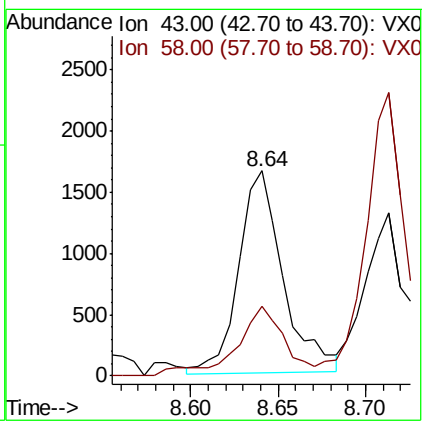


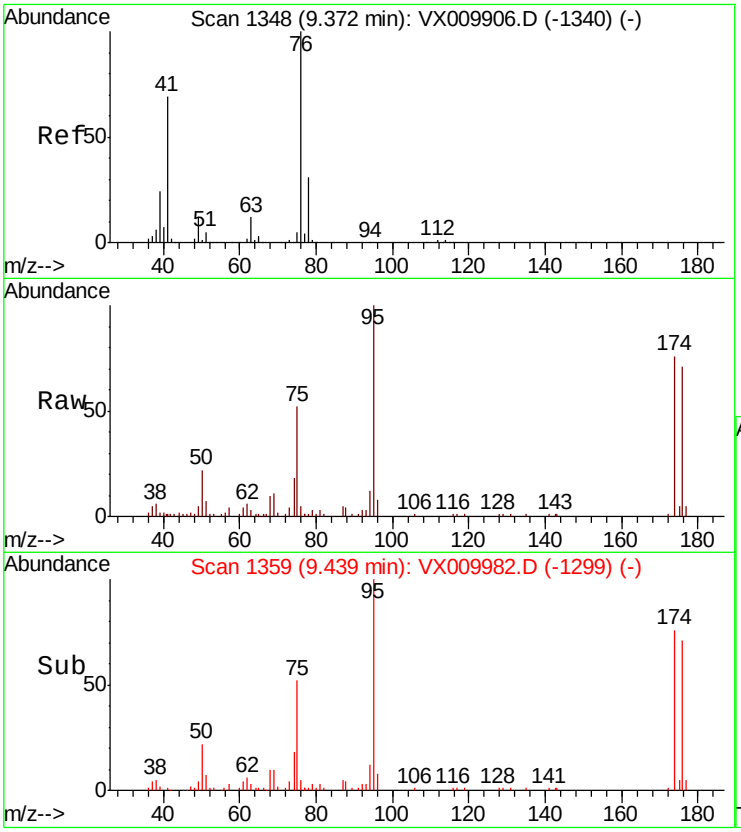


#51
4-Methyl-2-Pentanone
Concen: 0.699 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX009982.D
Acq: 31 May 2019 14:03

Tgt Ion: 43 Resp: 2939

Ion	Ratio	Lower	Upper
43	100		
58	37.3	28.8	43.2



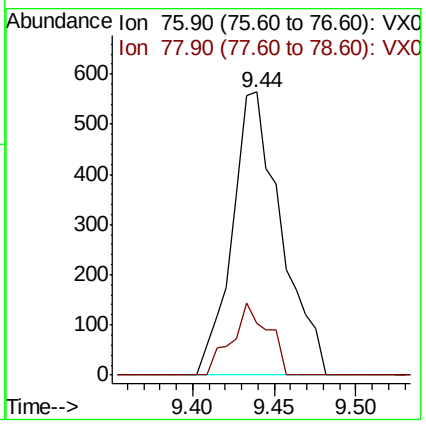


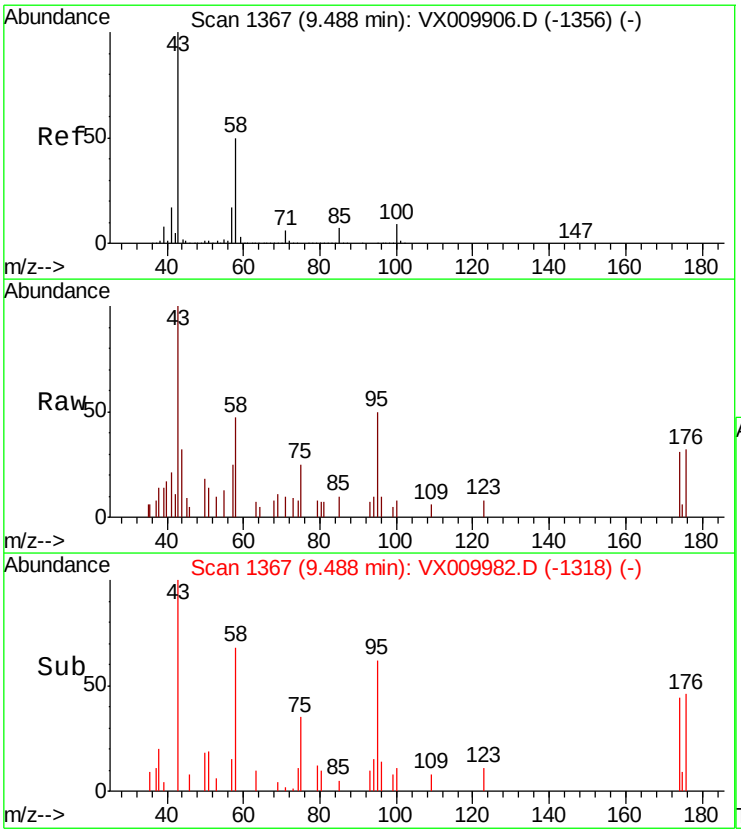
#57
1,3-Dichloropropane
Concen: 0.315 ug/l
RT: 9.44 min Scan# 1359
Delta R.T. 0.07 min
Lab File: VX009982.D
Acq: 31 May 2019 14:03

Instrument : MSVOA_X
ClientSampleId : 13818

Tgt Ion: 76 Resp: 1179

Ion	Ratio	Lower	Upper
76	100		
78	19.1	25.4	38.0#

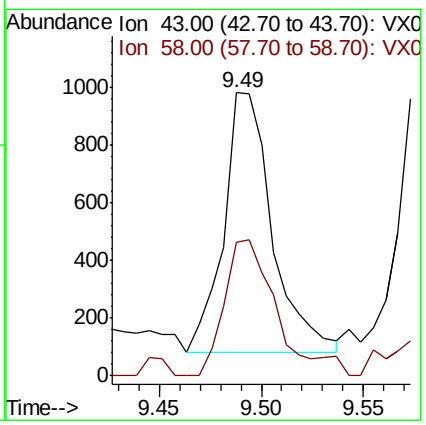


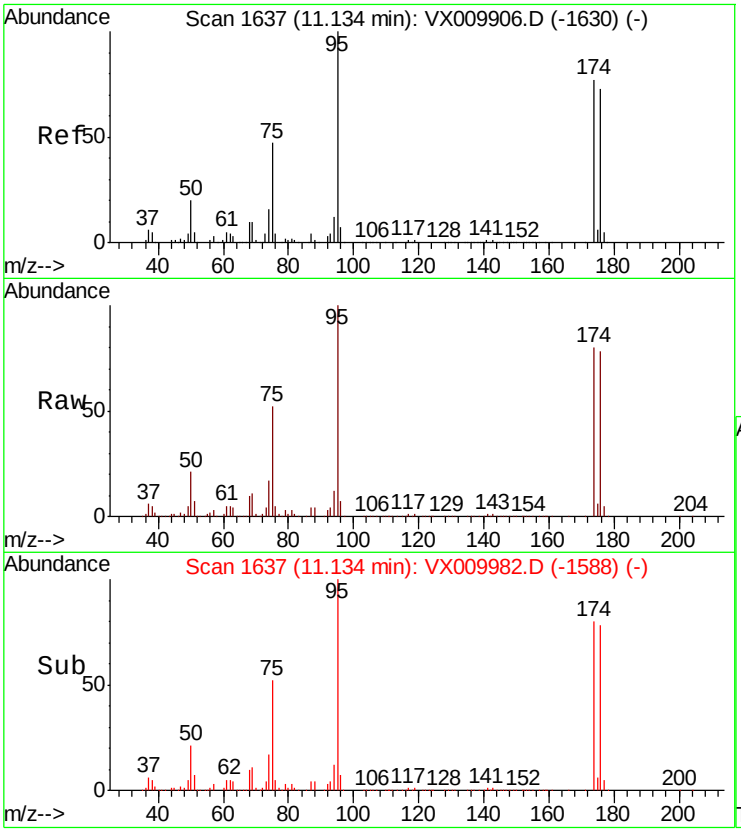


#59
2-Hexanone
Concen: 0.460 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009982.D
Acq: 31 May 2019 14:03

Tgt Ion: 43 Resp: 1490

Ion	Ratio	Lower	Upper
43	100		
58	56.2	25.1	75.3



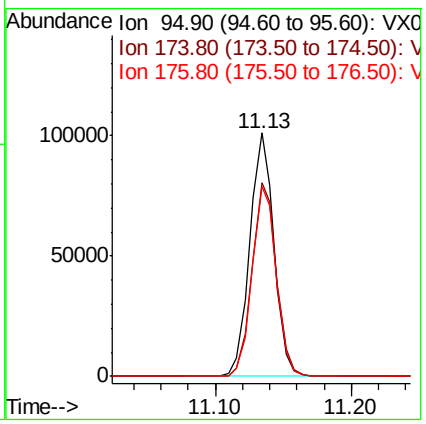


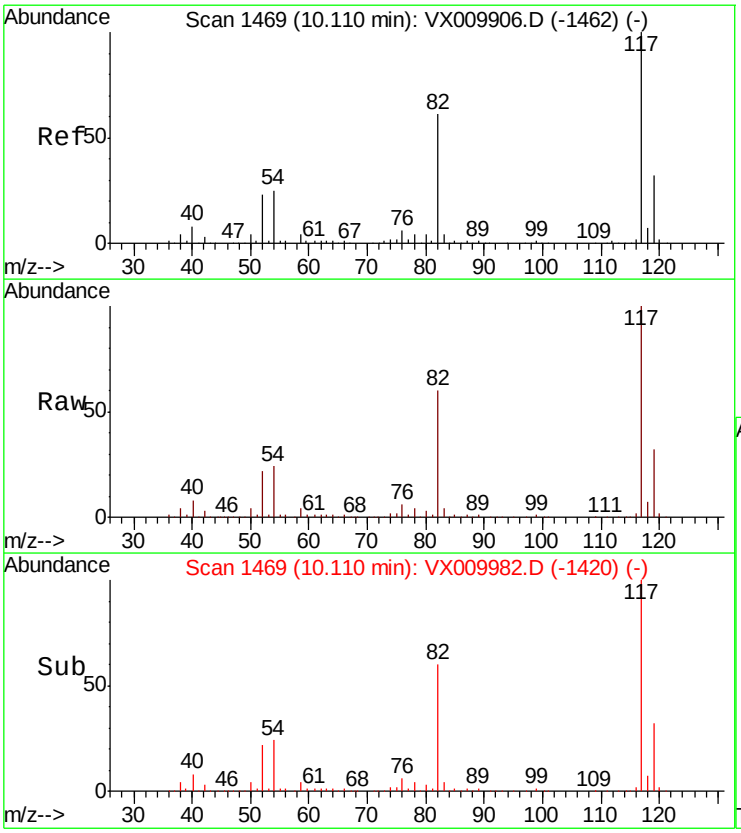
#62
4-Bromofluorobenzene
Concen: 48.170 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009982.D
Acq: 31 May 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
13818

Tgt Ion: 95 Resp: 125118

Ion	Ratio	Lower	Upper
95	100		
174	80.9	0.0	160.4
176	78.7	0.0	154.6

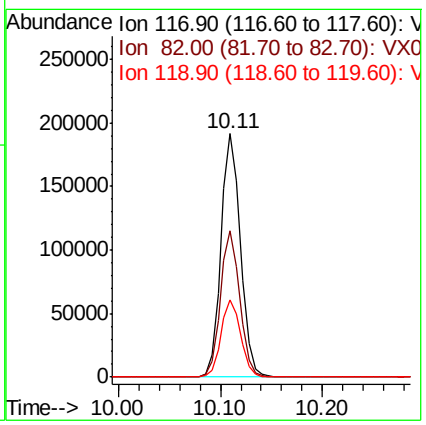


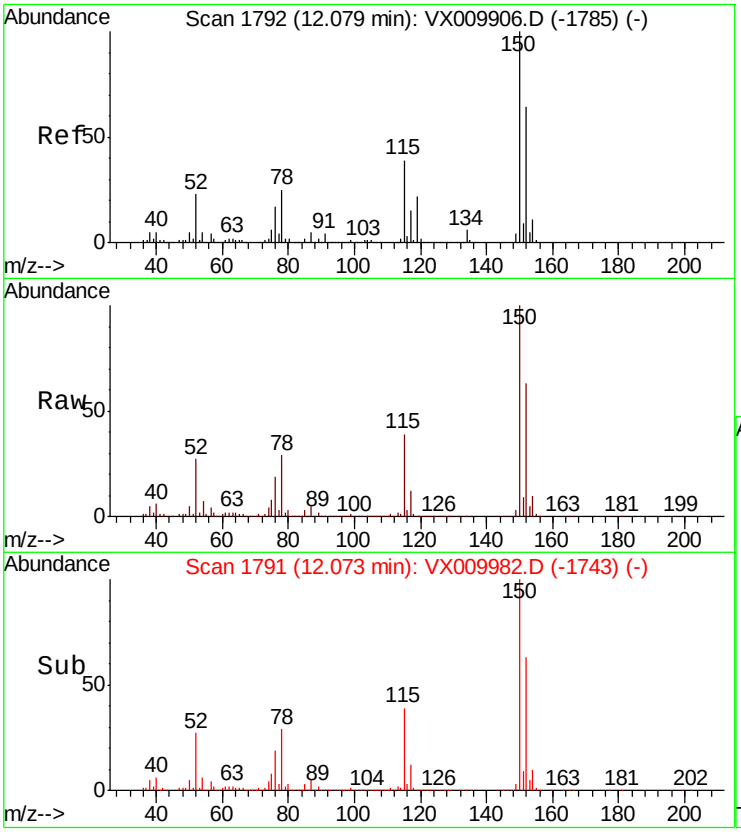


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009982.D
Acq: 31 May 2019 14:03

Tgt Ion:117 Resp: 254959

Ion	Ratio	Lower	Upper
117	100		
82	60.0	49.2	73.8
119	31.7	25.2	37.8



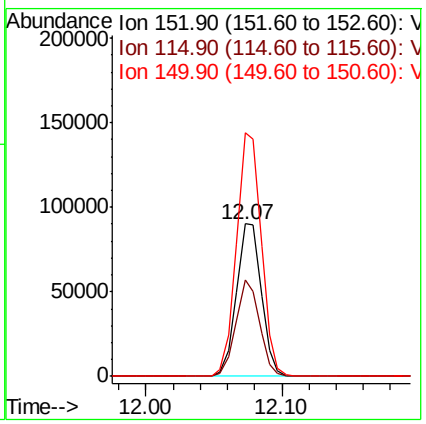


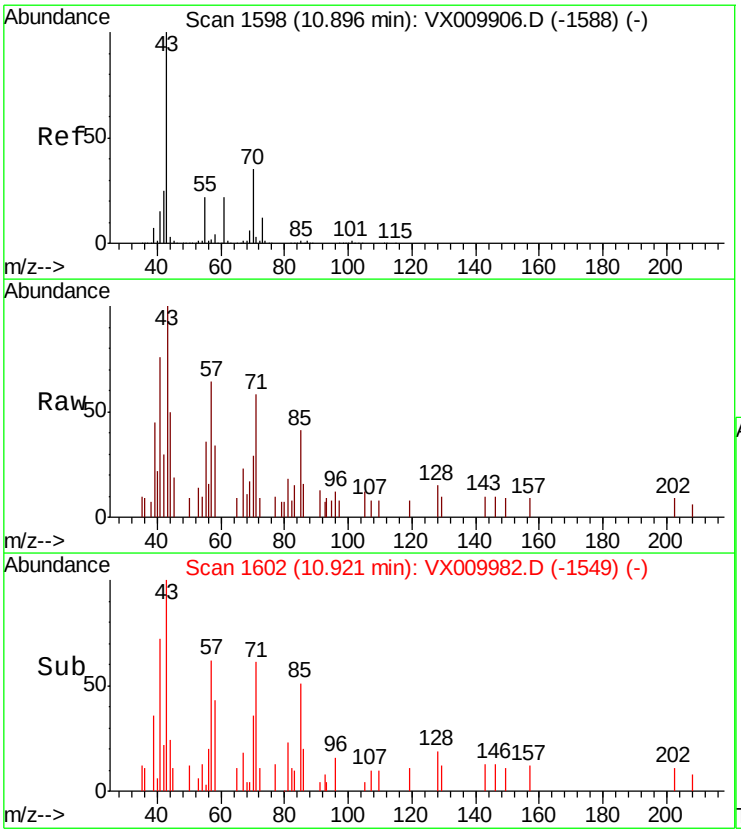
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX009982.D
Acq: 31 May 2019 14:03

Instrument : MSVOA_X
ClientSampleId : 13818

Tgt Ion:152 Resp: 114830

Ion	Ratio	Lower	Upper
152	100		
115	60.4	41.4	124.2
150	159.5	0.0	345.2

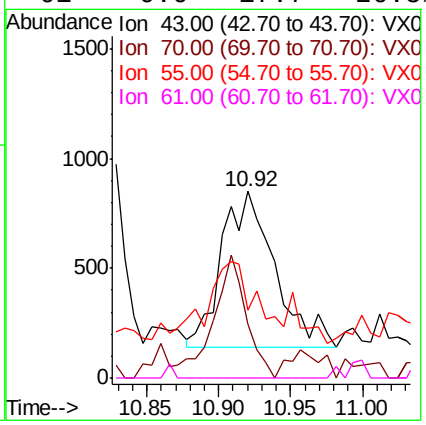


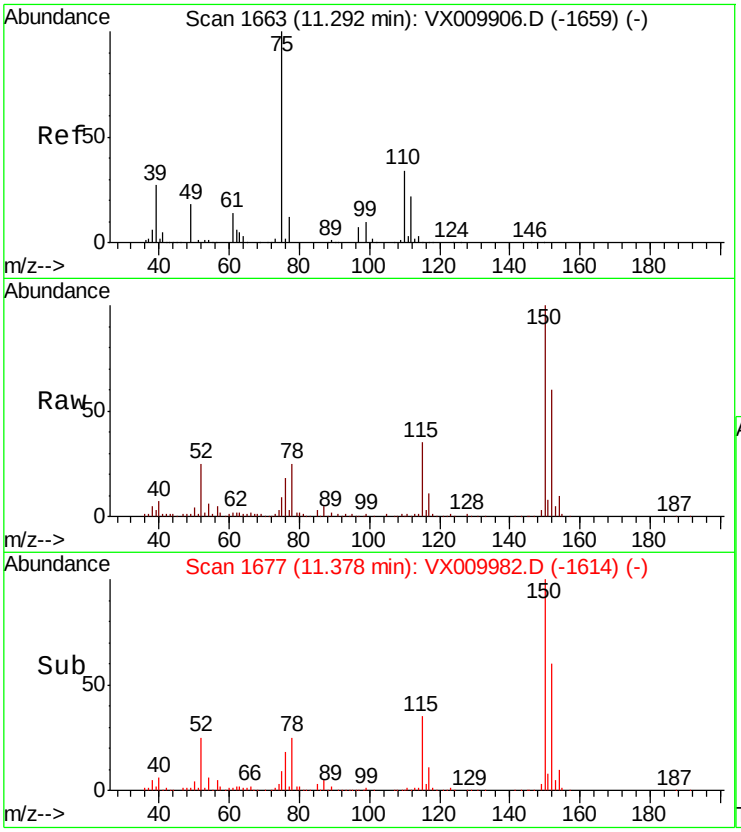


#74
N-amyl acetate
Concen: 0.356 ug/l
RT: 10.92 min Scan# 1602
Delta R.T. 0.02 min
Lab File: VX009982.D
Acq: 31 May 2019 14:03

Tgt Ion: 43 Resp: 1802

Ion	Ratio	Lower	Upper
43	100		
70	49.0	28.6	43.0#
55	48.8	17.8	26.8#
61	0.0	17.7	26.5#



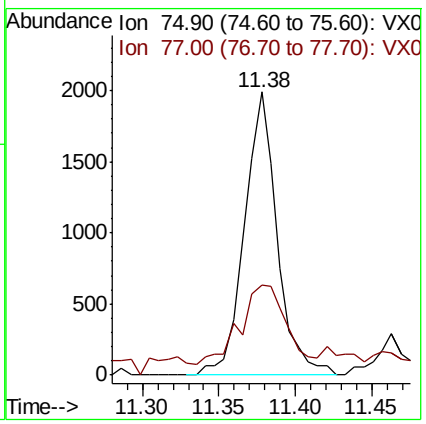


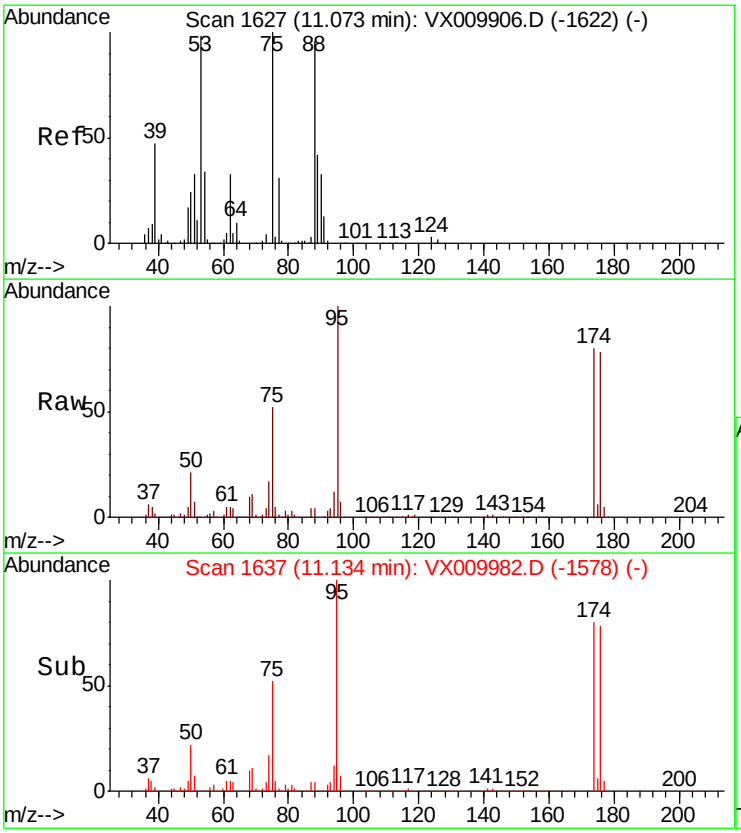
#76
1,2,3-Trichloropropane
Concen: 1.074 ug/l
RT: 11.38 min Scan# 1677
Delta R.T. 0.09 min
Lab File: VX009982.D
Acq: 31 May 2019 14:03

Instrument :
MSVOA_X
ClientSampleId :
13818

Tgt Ion: 75 Resp: 2950

Ion	Ratio	Lower	Upper
75	100		
77	41.3	22.1	66.1





#81
trans-1,4-Dichloro-2-butene
Concen: 58.734 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009982.D
Acq: 31 May 2019 14:03

Tgt Ion: 75 Resp: 65186

Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.8	119.6#
89	0.0	34.2	51.4#