Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102518\
Data File : VX005585.D
Acq On : 25 Oct 2018 13:23
Operator : JC/MD
Sample : J5655-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S37-0006

Quant Time: Oct 26 05:21:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	199228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	302610	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	274102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133978	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	129832	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.78%			
35) Dibromofluoromethane	5.49	113	103578	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.10%			
50) Toluene-d8	8.71	98	369058	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.26%			
62) 4-Bromofluorobenzene	11.14	95	122581	44.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.18%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	440	0.287	ug/l #	79
10) Methyl Iodide	2.51	142	410	2.914	ug/l #	90
11) Tert butyl alcohol	3.02	59	3066	4.685	ug/l #	77
13) Acrolein	2.28	56	190	0.569	ug/l #	61
15) Acrylonitrile	3.15	53	376	0.256	ug/l #	36
16) Acetone	2.45	43	7563	5.885	ug/l	97
18) Methyl Acetate	2.78	43	670	Below Cal	#	84
20) Methylene Chloride	2.86	84	977	0.454	ug/l #	91
25) 2-Butanone	4.72	43	1383	0.707	ug/l	95
31) Cyclohexane	5.67	56	4526	1.380	ug/l #	3
36) 1,1-Dichloropropene	5.67	75	14268	4.859	ug/l #	50
38) Carbon Tetrachloride	5.65	117	19099	6.175	ug/l #	16
39) Methylcyclohexane	7.46	83	8601	2.652	ug/l	90
43) Isopropyl Acetate	6.35	43	13766	2.451	ug/l #	63
51) 4-Methyl-2-Pentanone	8.67	43	879	0.233	ug/l #	38
55) 1,1,2-Trichloroethane	9.16	97	1604	0.744	ug/l #	19
59) 2-Hexanone	9.31	43	1149	0.386	ug/l	89
76) 1,2,3-Trichloropropane	11.14	75	61193	21.557	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	61193	70.438	ug/l #	9

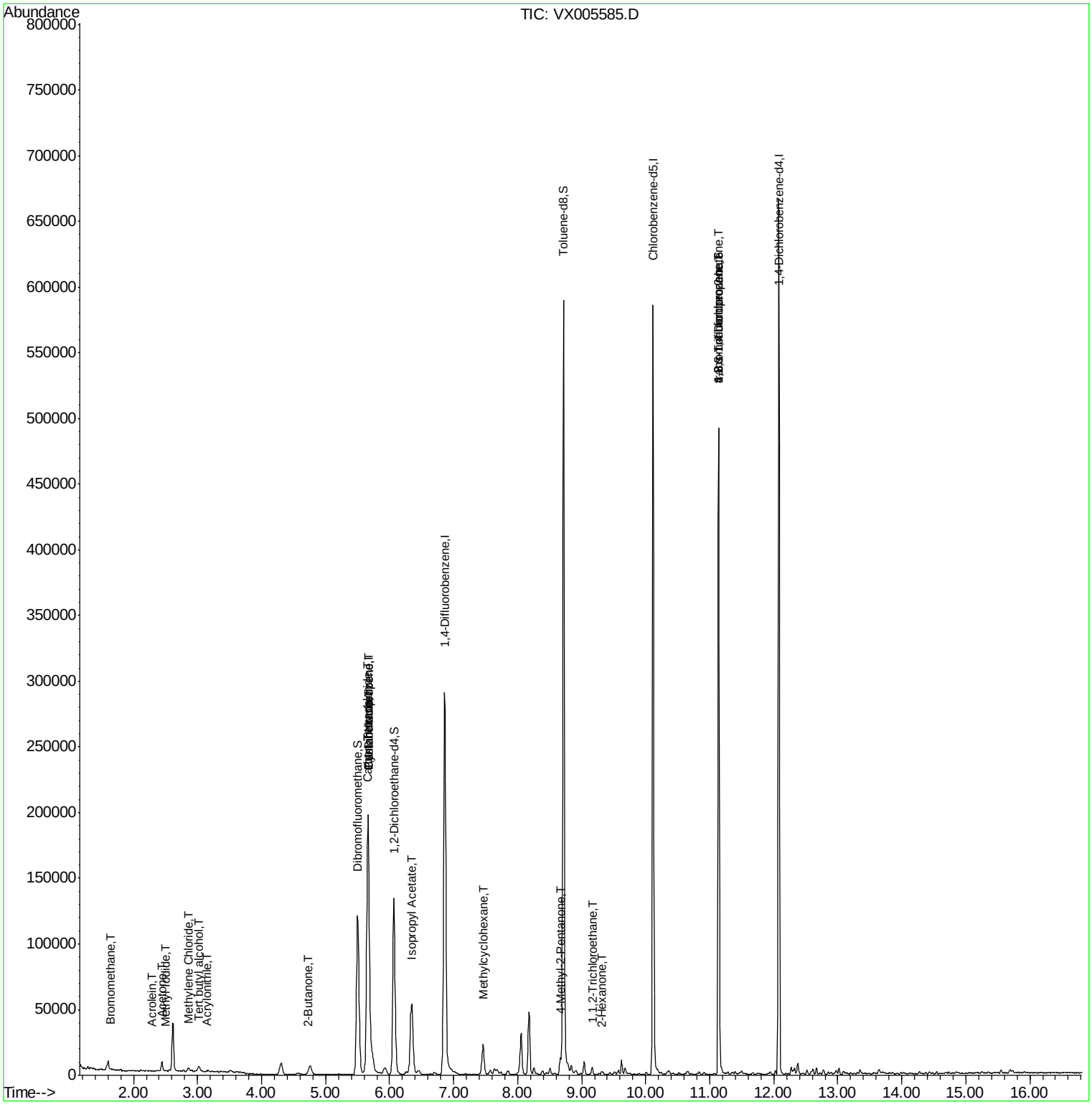
(#) = qualifier out of range (m) = manual integration (+) = signals summed

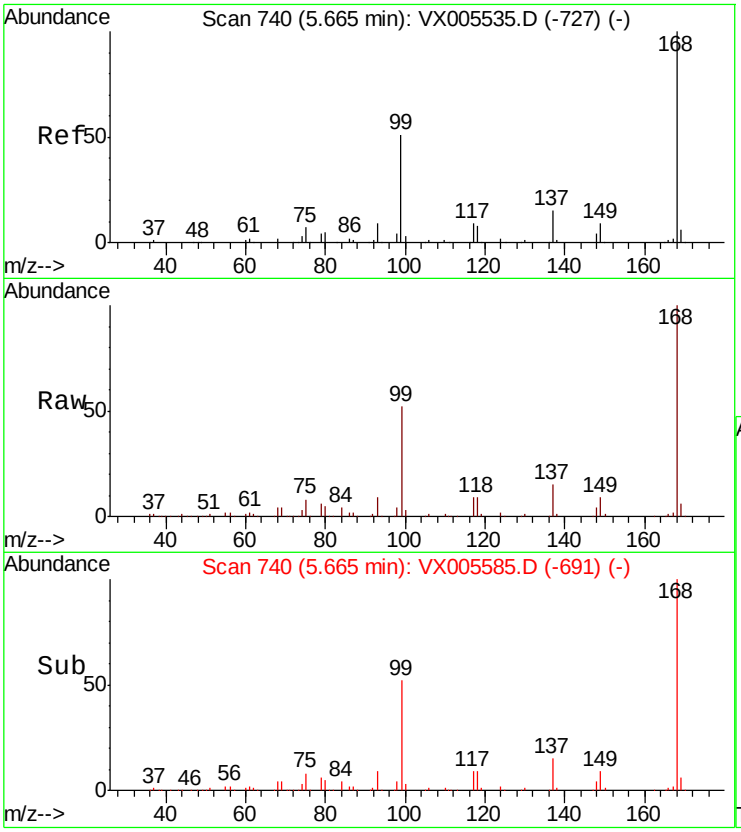
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102518\
Data File : VX005585.D
Acq On : 25 Oct 2018 13:23
Operator : JC/MD
Sample : J5655-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S37-0006

Quant Time: Oct 26 05:21:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration



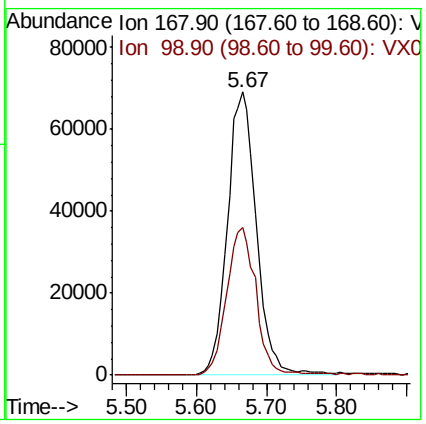


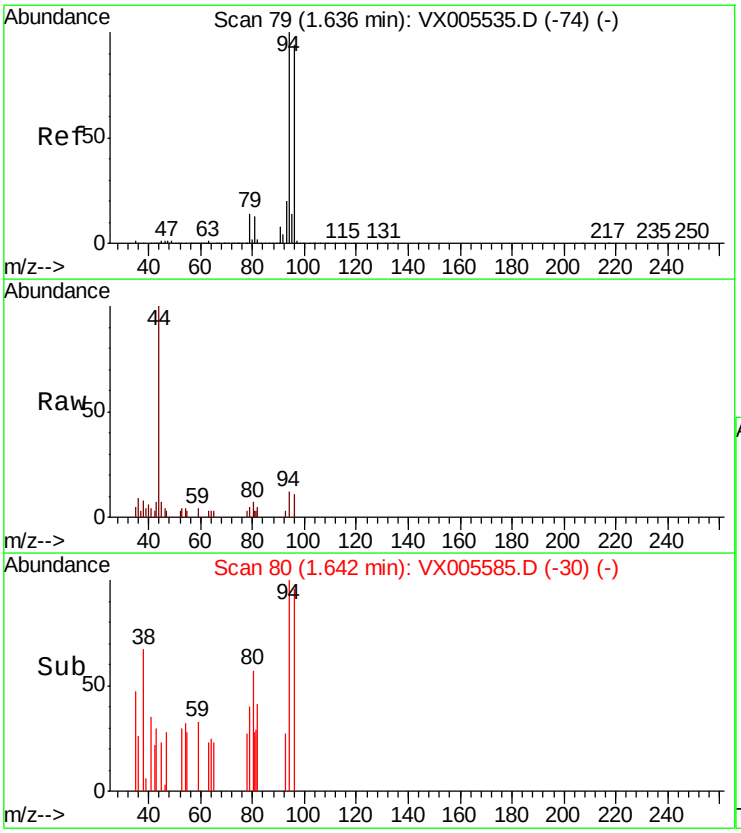
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
S37-0006

Tgt Ion:168 Resp: 199228

Ion	Ratio	Lower	Upper
168	100		
99	52.3	40.7	61.1

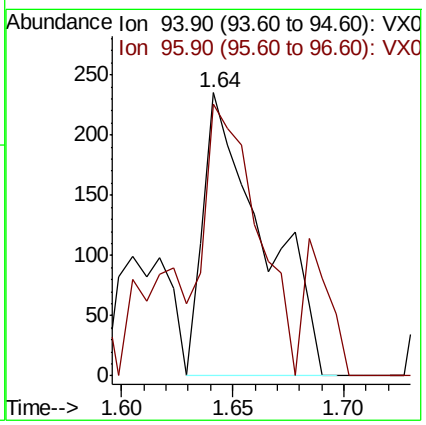


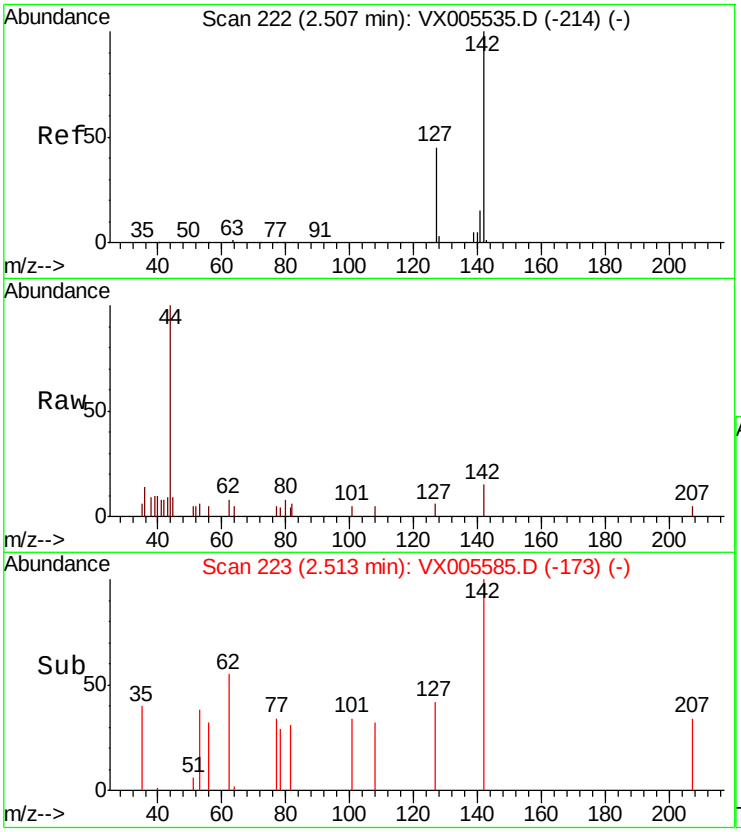


#5
Bromomethane
Concen: 0.287 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

Tgt Ion: 94 Resp: 440

Ion	Ratio	Lower	Upper
94	100		
96	74.0	75.2	112.8#



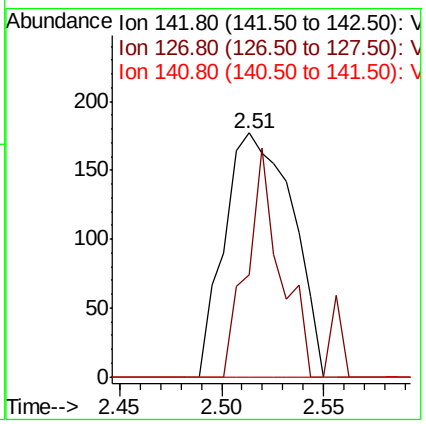


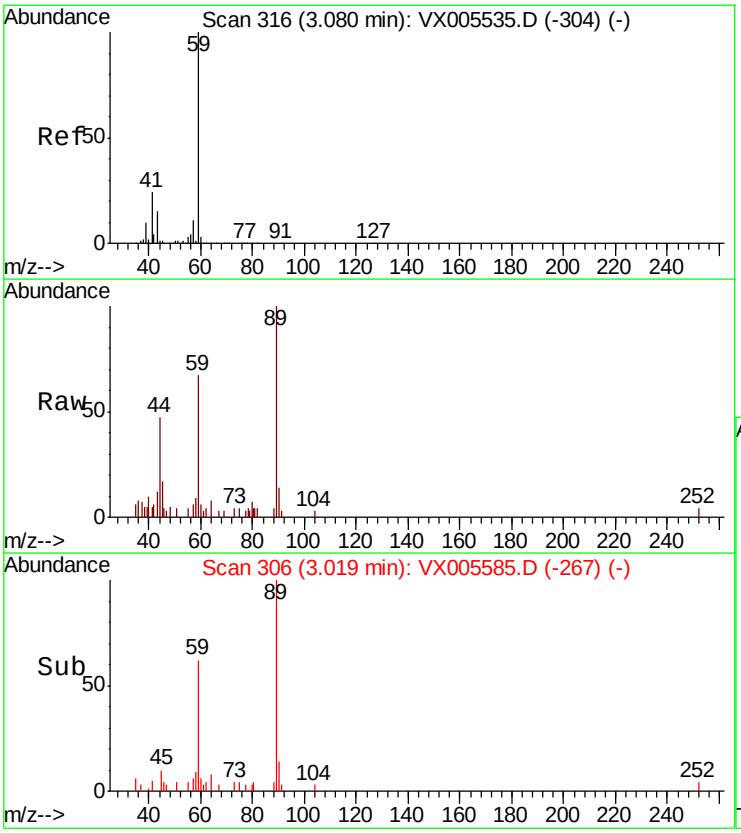
#10
Methyl Iodide
Concen: 2.914 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

Instrument : MSVOA_X
ClientSampleId : S37-0006

Tgt Ion:142 Resp: 410

Ion	Ratio	Lower	Upper
142	100		
127	46.1	36.0	54.0
141	0.0	11.7	17.5#

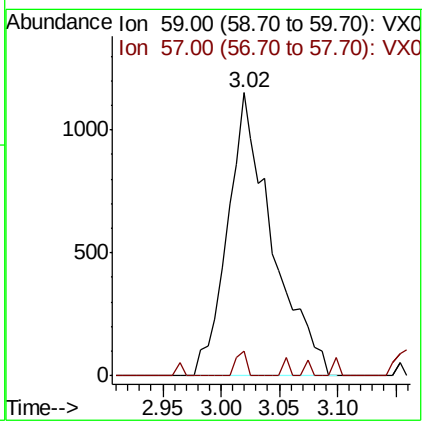


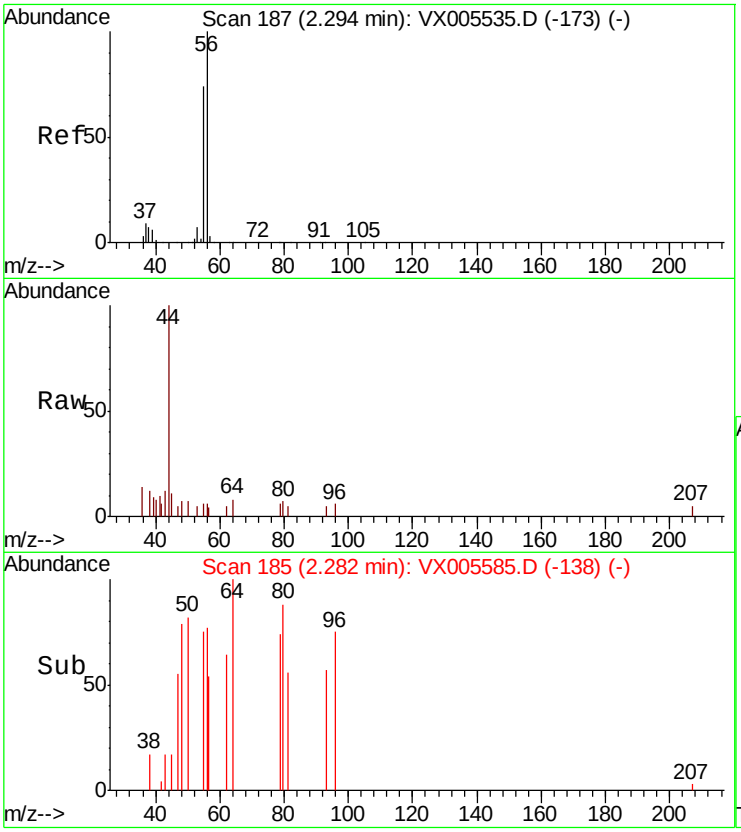


#11
Tert butyl alcohol
Concen: 4.685 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

Tgt Ion: 59 Resp: 3066

Ion	Ratio	Lower	Upper
59	100		
57	2.1	8.5	12.7#



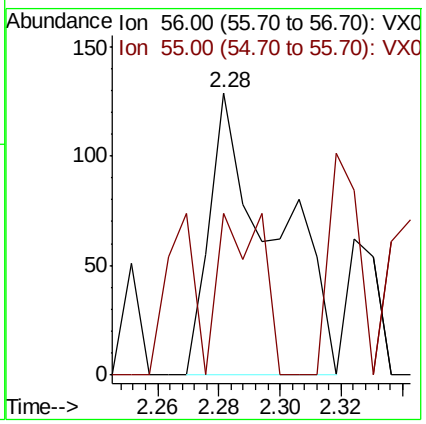


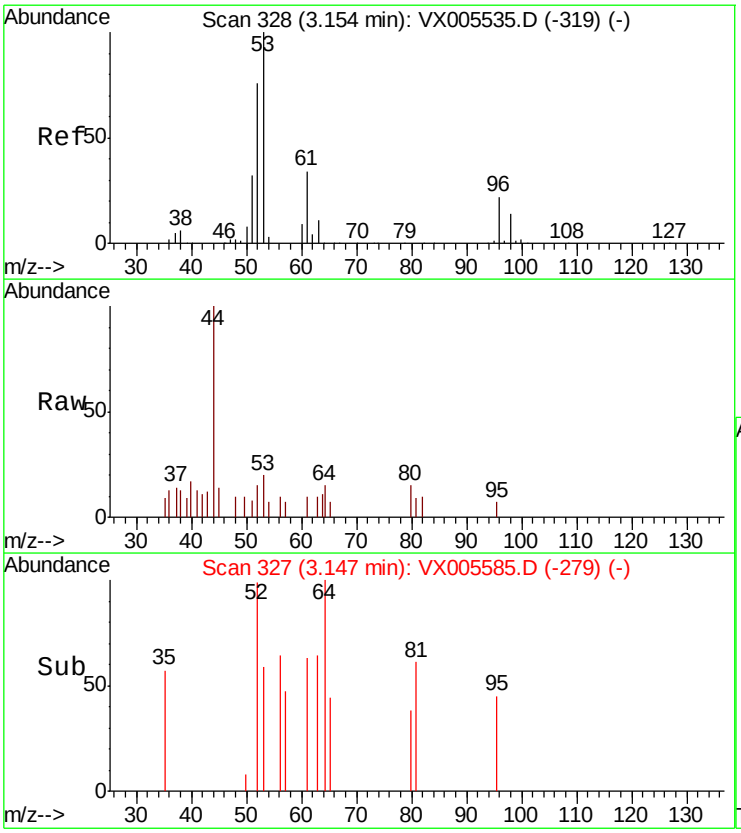
#13
Acrolein
Concen: 0.569 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
S37-0006

Tgt Ion: 56 Resp: 190

Ion	Ratio	Lower	Upper
56	100		
55	38.9	57.3	85.9#

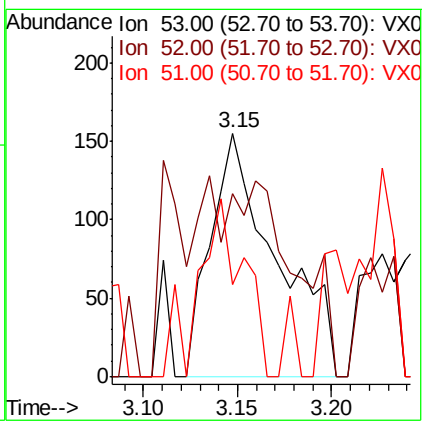


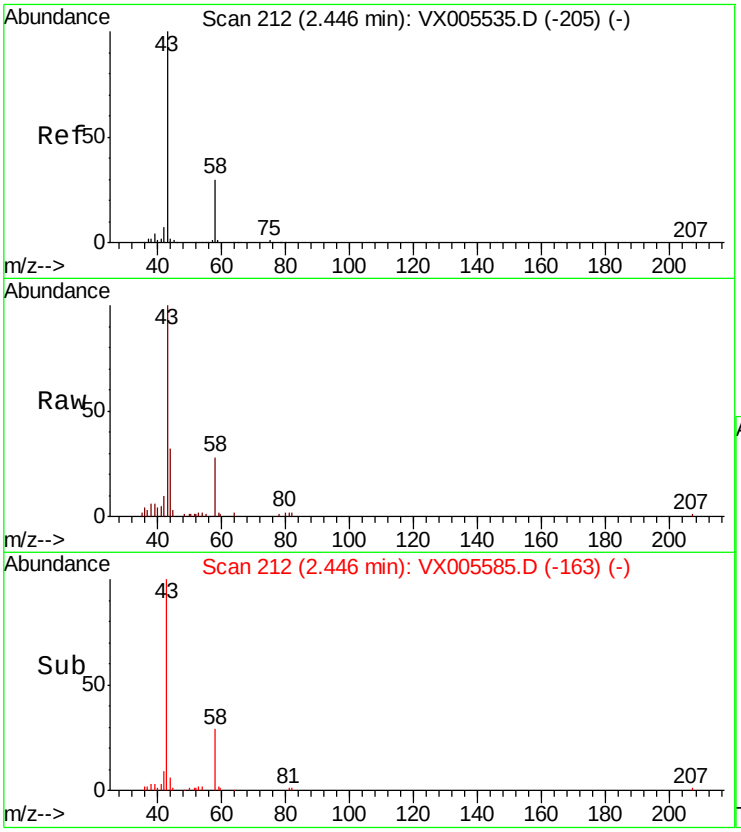


#15
Acrylonitrile
Concen: 0.256 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.01 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

Tgt Ion: 53 Resp: 376

Ion	Ratio	Lower	Upper
53	100		
52	10.1	66.6	99.8#
51	50.0	28.4	42.6#



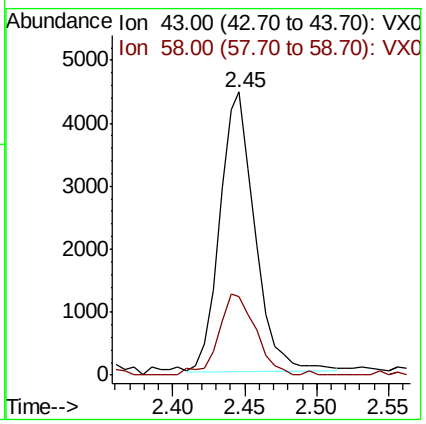


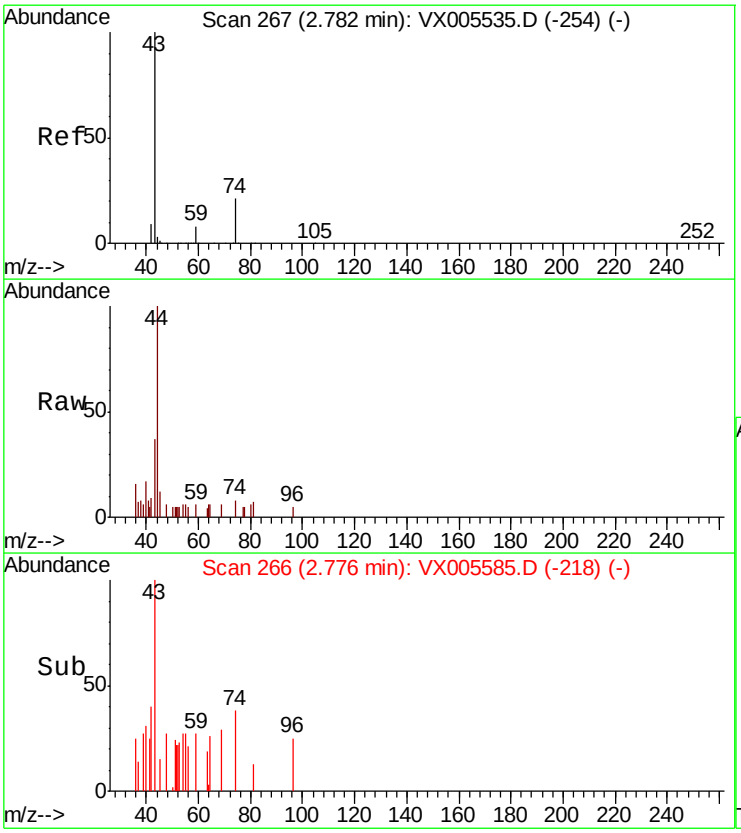
#16
Acetone
Concen: 5.885 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
S37-0006

Tgt Ion: 43 Resp: 7563

Ion	Ratio	Lower	Upper
43	100		
58	28.3	23.8	35.6

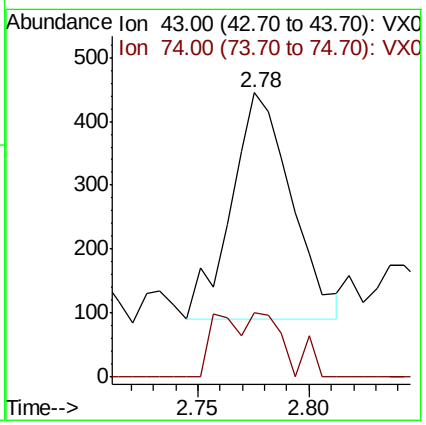


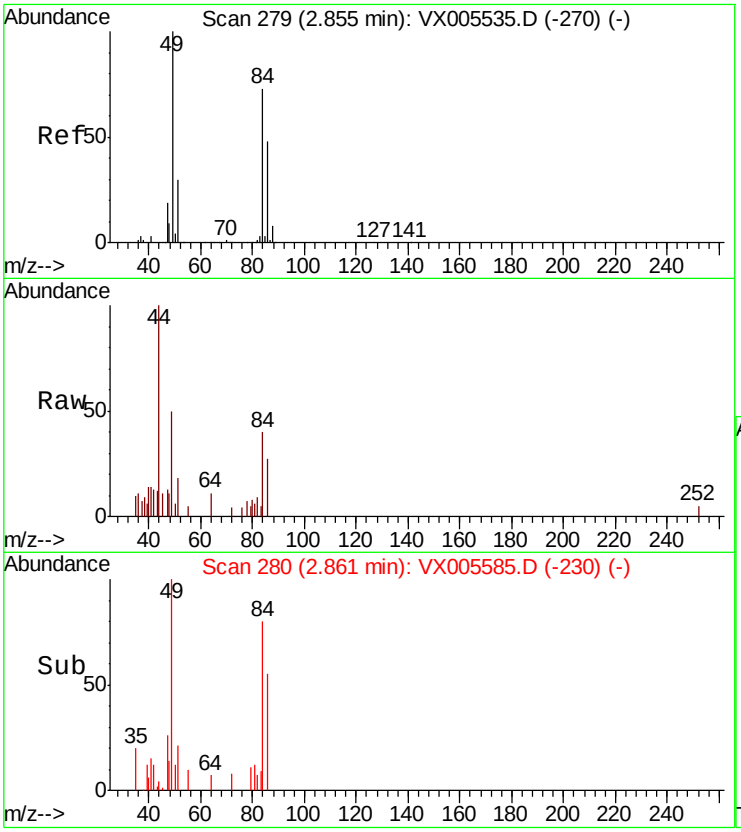


#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

Tgt Ion: 43 Resp: 670

Ion	Ratio	Lower	Upper
43	100		
74	13.7	16.8	25.2#



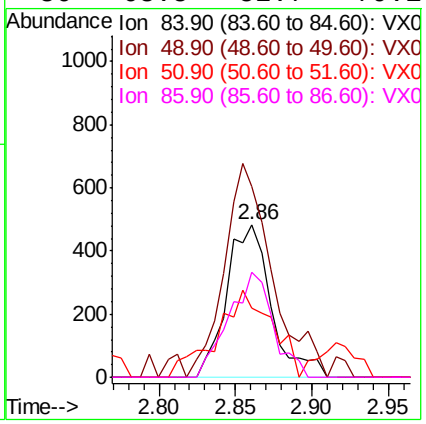


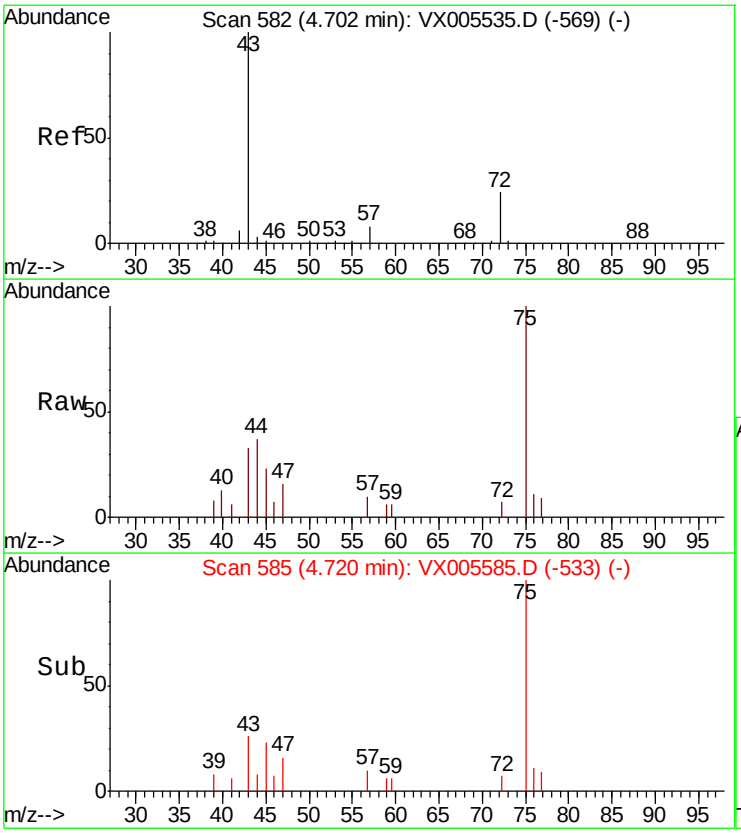
#20
Methylene Chloride
Concen: 0.454 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

Instrument : MSVOA_X
ClientSampleId : S37-0006

Tgt Ion: 84 Resp: 977

Ion	Ratio	Lower	Upper
84	100		
49	124.8	109.5	164.3
51	31.9	33.3	49.9#
86	68.5	52.7	79.1

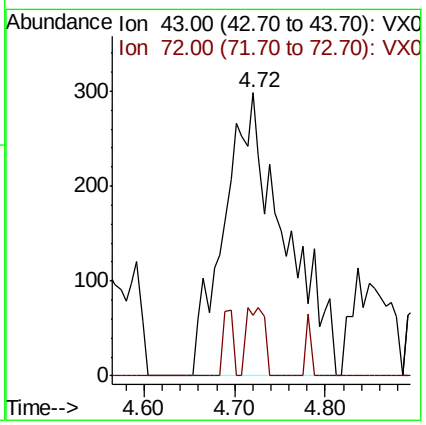


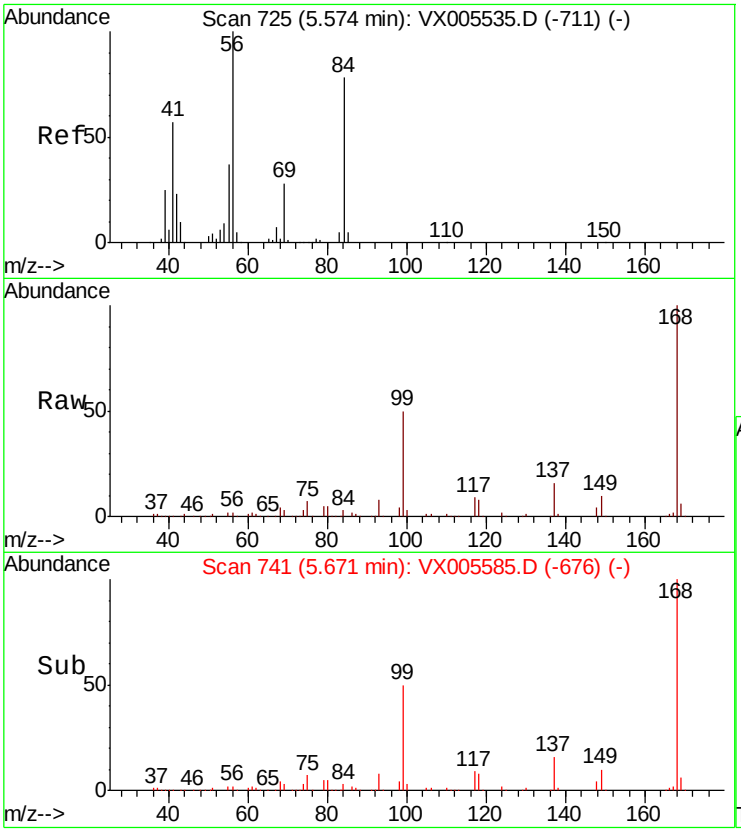


#25
2-Butanone
Concen: 0.707 ug/l
RT: 4.72 min Scan# 585
Delta R.T. 0.02 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

Tgt Ion: 43 Resp: 1383

Ion	Ratio	Lower	Upper
43	100		
72	21.5	19.2	28.8



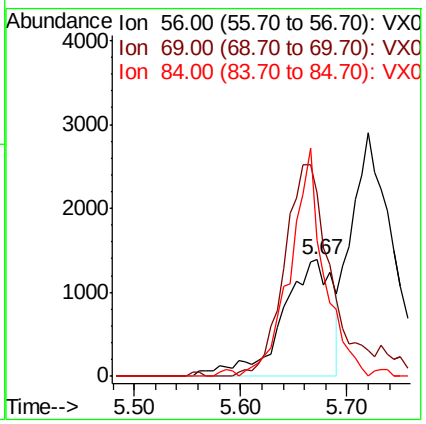


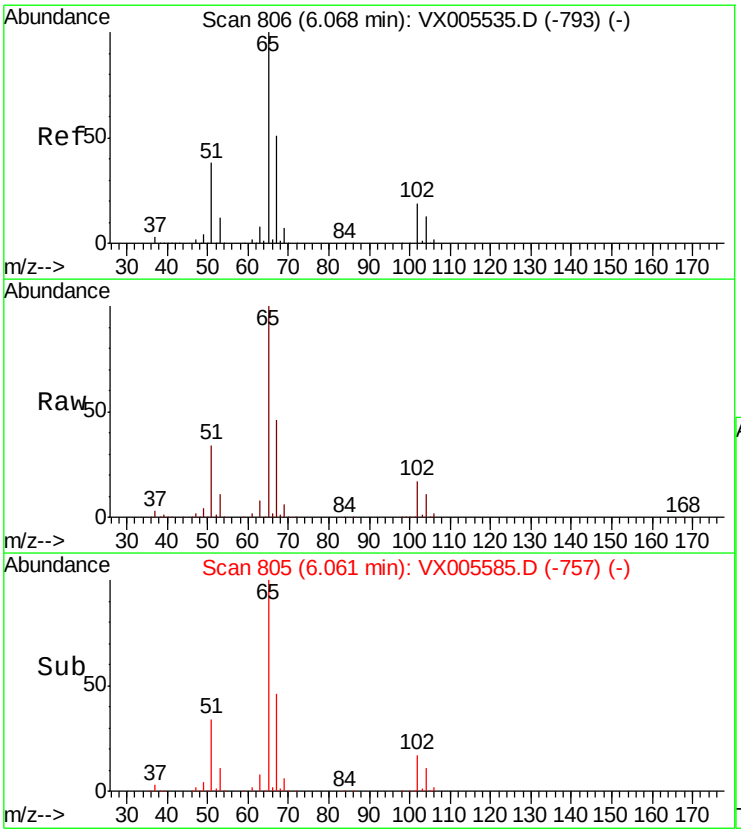
#31
Cyclohexane
Concen: 1.380 ug/l
RT: 5.67 min Scan# 741
Delta R.T. 0.10 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

Instrument : MSVOA_X
ClientSampleId : S37-0006

Tgt Ion: 56 Resp: 4526

Ion	Ratio	Lower	Upper
56	100		
69	157.2	22.6	34.0#
84	116.4	62.7	94.1#

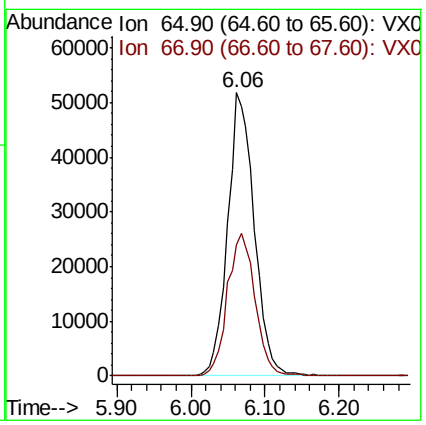


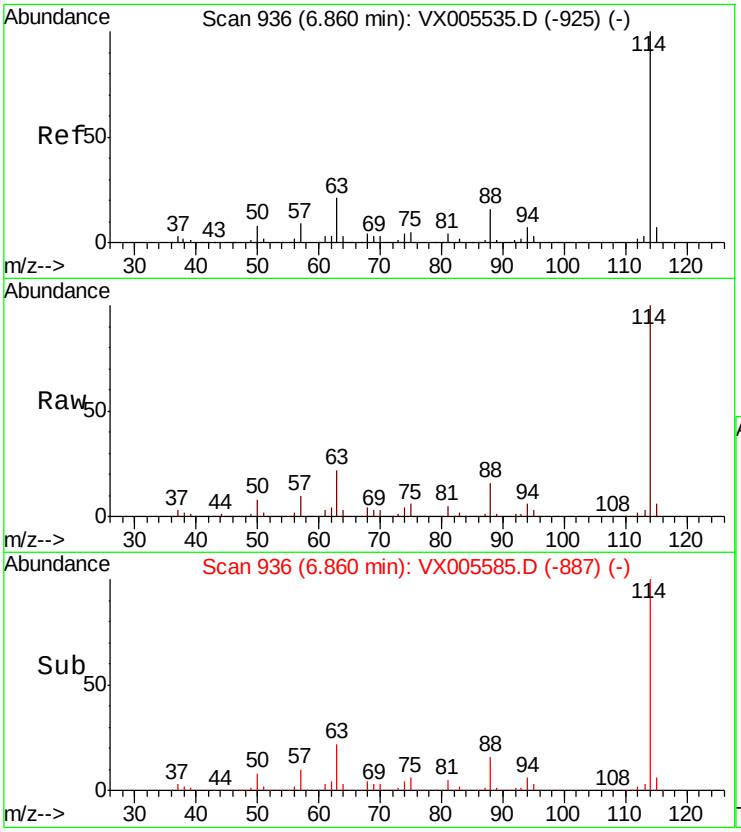


#33
1,2-Dichloroethane-d4
Concen: 53.386 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

Tgt Ion: 65 Resp: 129832

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	105.0



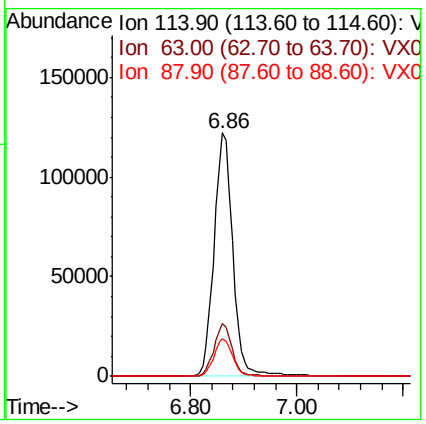


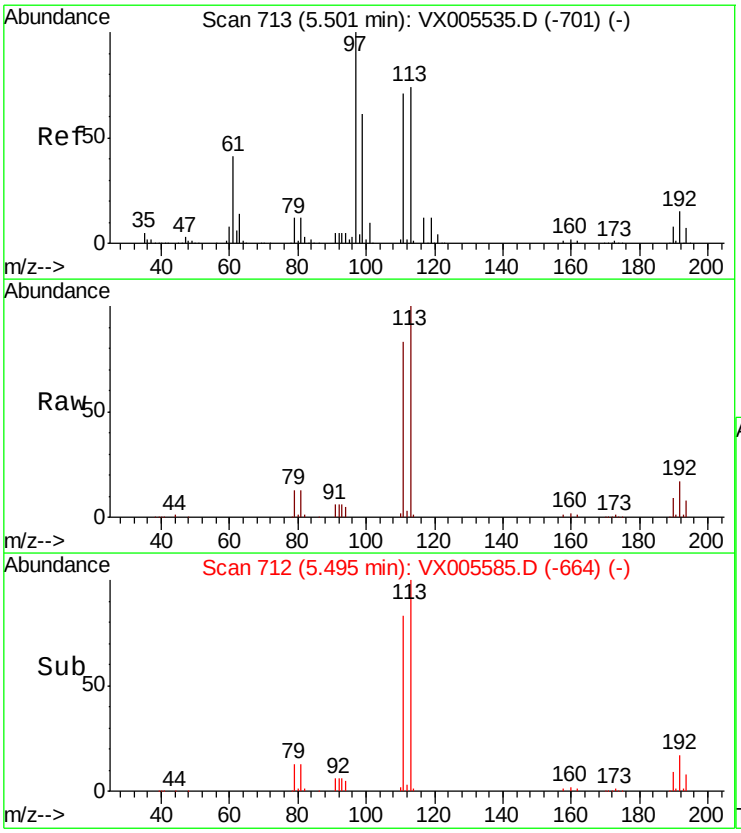
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
S37-0006

Tgt Ion:114 Resp: 302610

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	42.8
88	15.6	0.0	31.2

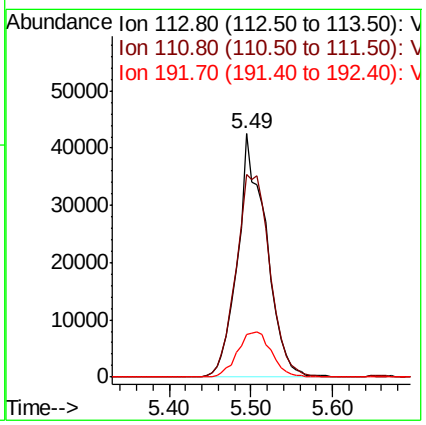


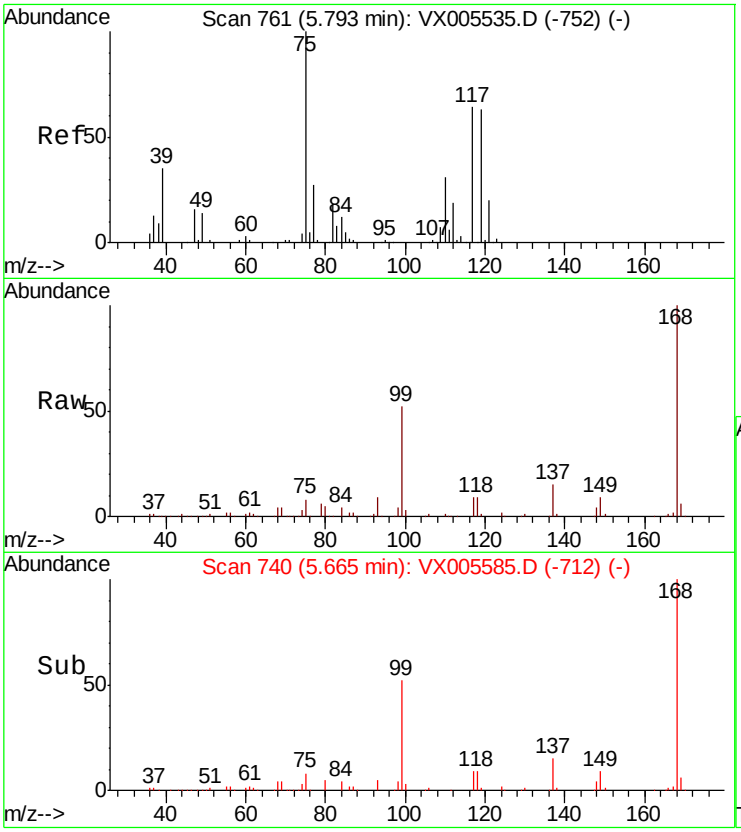


#35
Dibromofluoromethane
Concen: 50.550 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

Tgt Ion:113 Resp: 103578

Ion	Ratio	Lower	Upper
113	100		
111	98.7	82.3	123.5
192	22.2	17.9	26.9



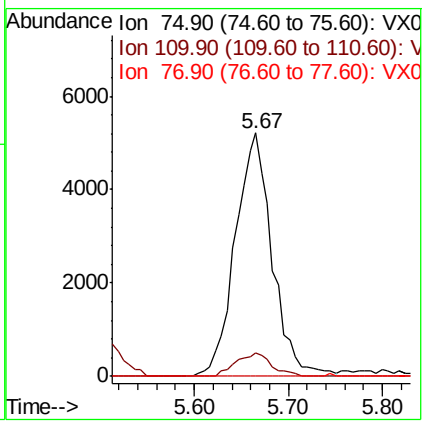


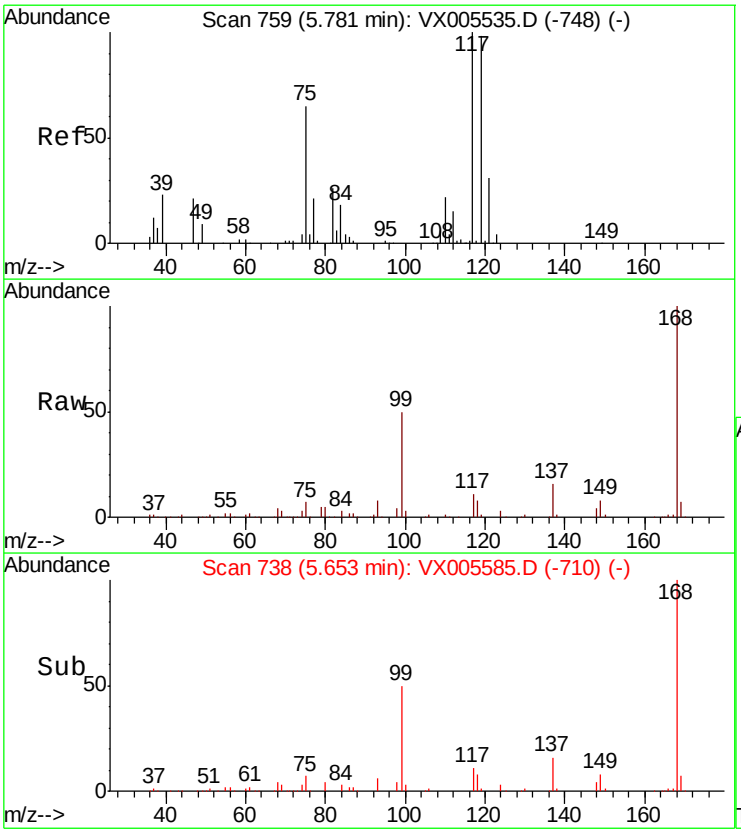
#36
1,1-Dichloropropene
Concen: 4.859 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

Instrument : MSVOA_X
ClientSampleId : S37-0006

Tgt Ion: 75 Resp: 14268

Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.4	52.2#
77	0.0	25.8	38.6#

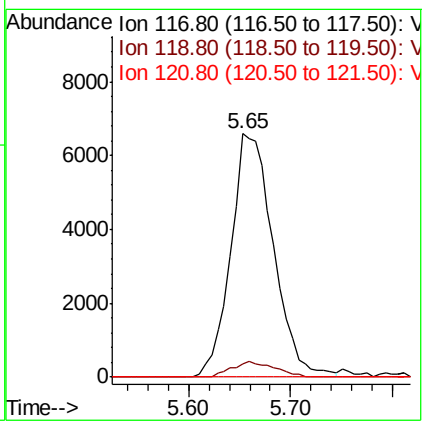


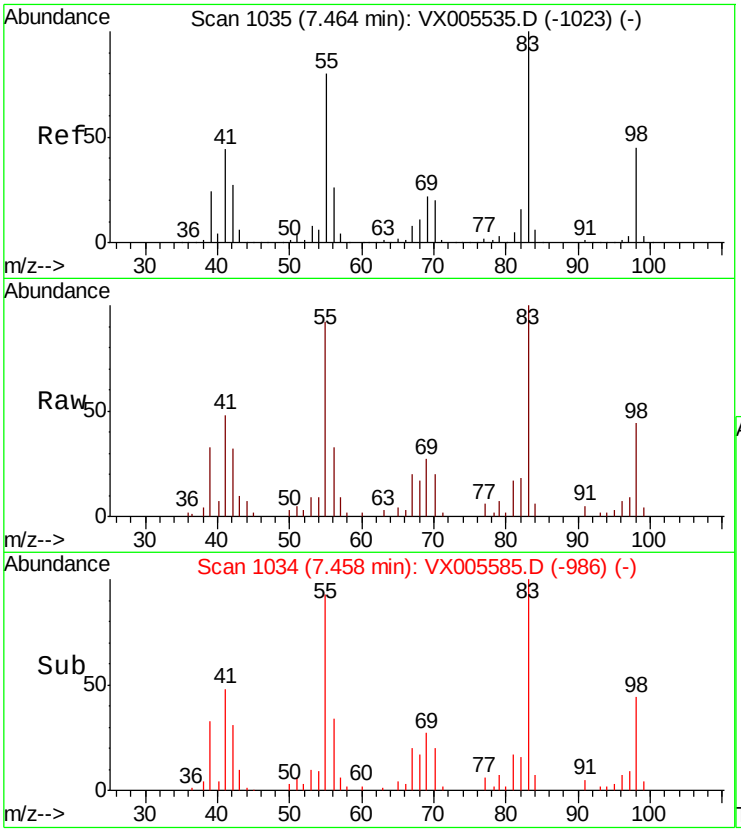


#38
Carbon Tetrachloride
Concen: 6.175 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

Tgt Ion:117 Resp: 19099

Ion	Ratio	Lower	Upper
117	100		
119	5.6	78.1	117.1#
121	0.0	24.6	36.8#



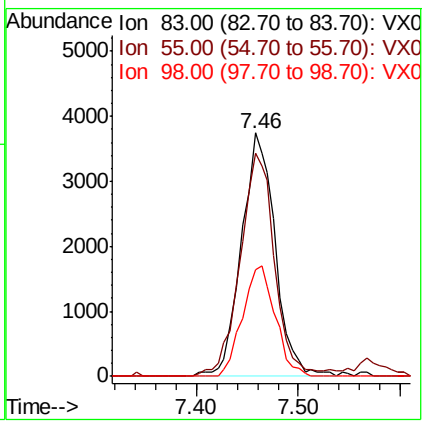


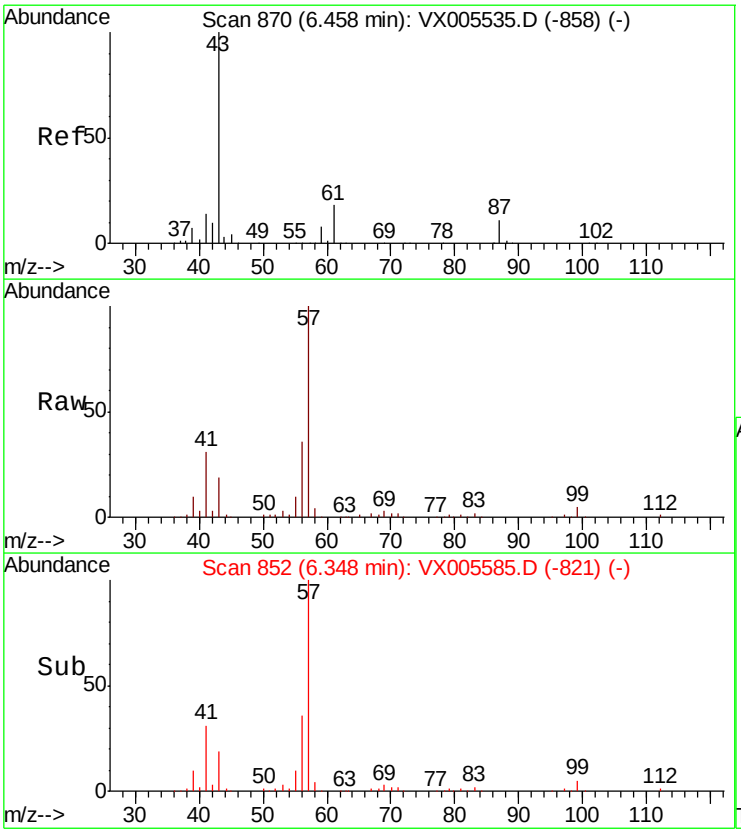
#39
Methylcyclohexane
Concen: 2.652 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
S37-0006

Tgt Ion: 83 Resp: 8601

Ion	Ratio	Lower	Upper
83	100		
55	91.7	63.7	95.5
98	43.8	36.2	54.2

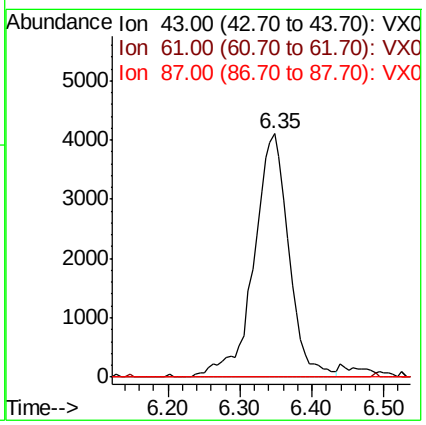


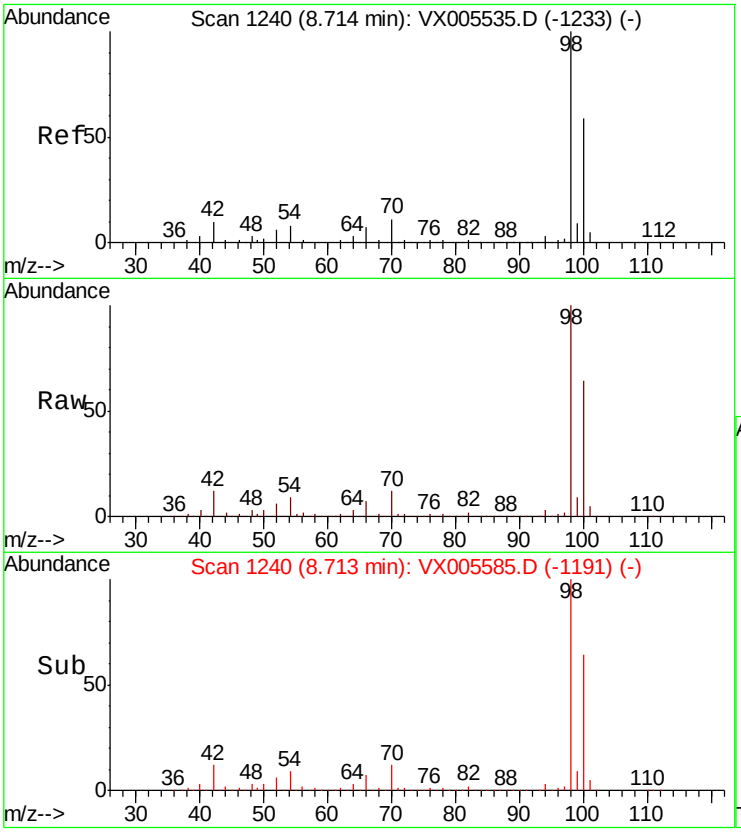


#43
Isopropyl Acetate
Concen: 2.451 ug/l
RT: 6.35 min Scan# 852
Delta R.T. -0.11 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

Tgt Ion: 43 Resp: 13766

Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.6	22.0#
87	0.0	9.6	14.4#



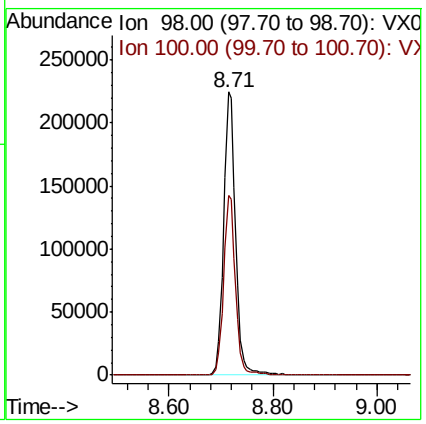


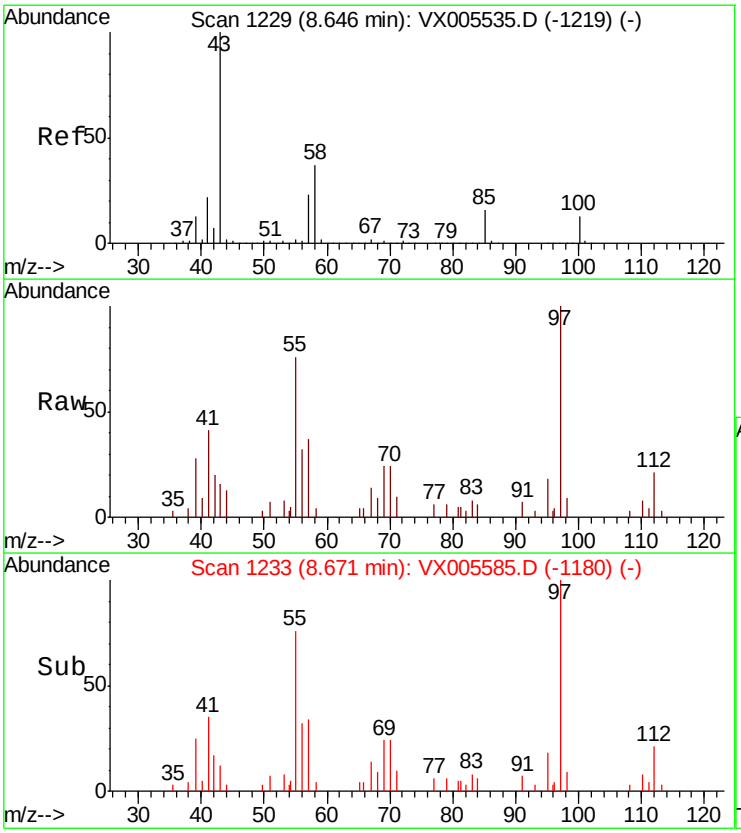
#50
Toluene-d8
Concen: 50.126 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
S37-0006

Tgt Ion: 98 Resp: 369058

Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.3	76.9

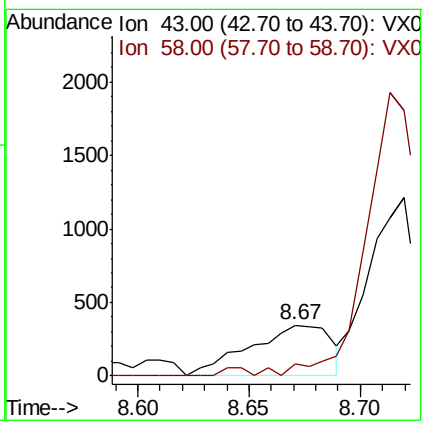


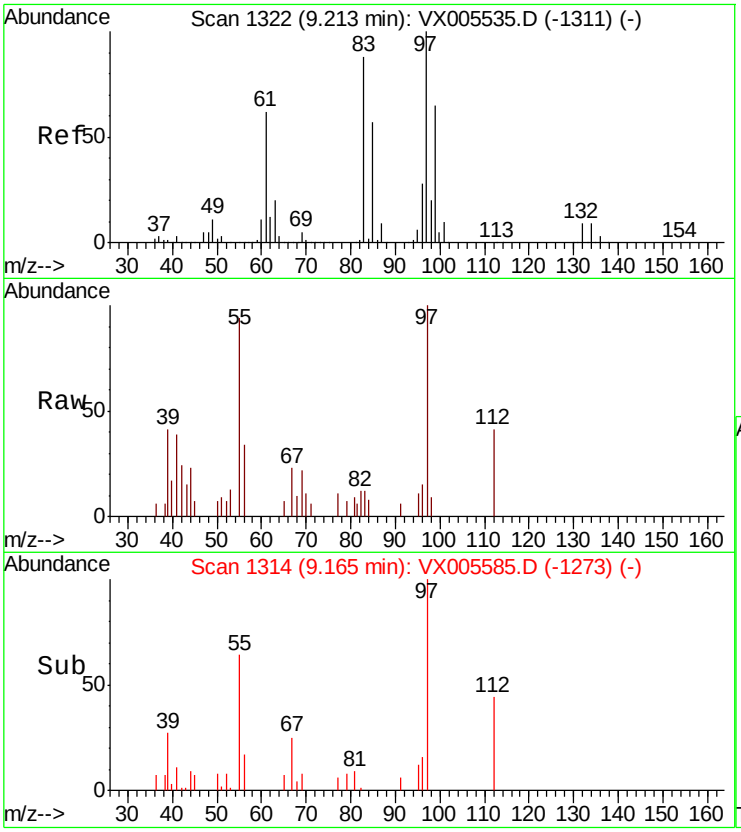


#51
4-Methyl-2-Pentanone
Concen: 0.233 ug/l
RT: 8.67 min Scan# 1233
Delta R.T. 0.02 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

Tgt Ion: 43 Resp: 879

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.7	44.5#



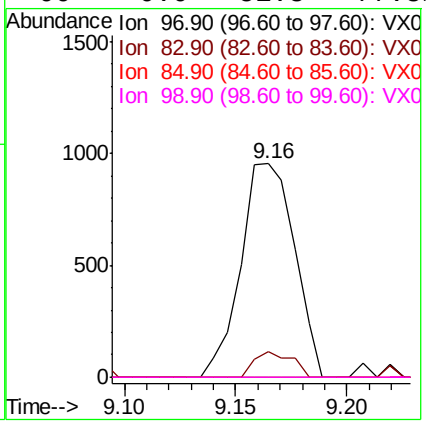


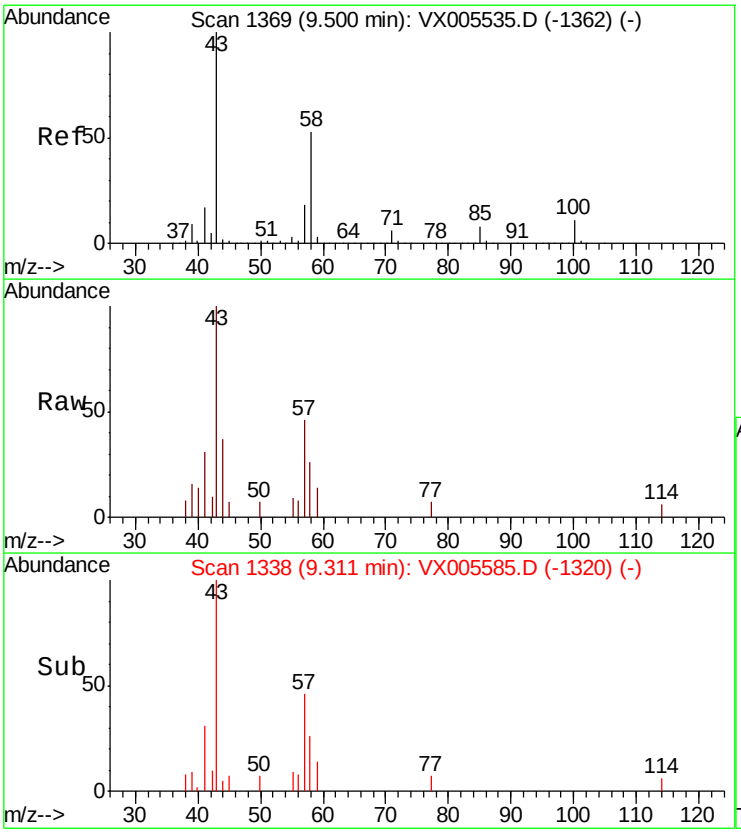
#55
1,1,2-Trichloroethane
Concen: 0.744 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.05 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

Instrument : MSVOA_X
ClientSampleId : S37-0006

Tgt Ion: 97 Resp: 1604

Ion	Ratio	Lower	Upper
97	100		
83	12.0	70.7	106.1#
85	0.0	45.8	68.6#
99	0.0	51.8	77.8#

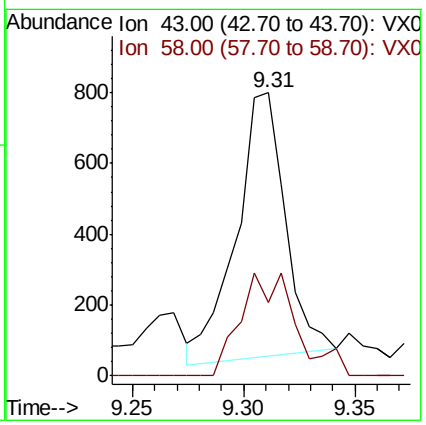


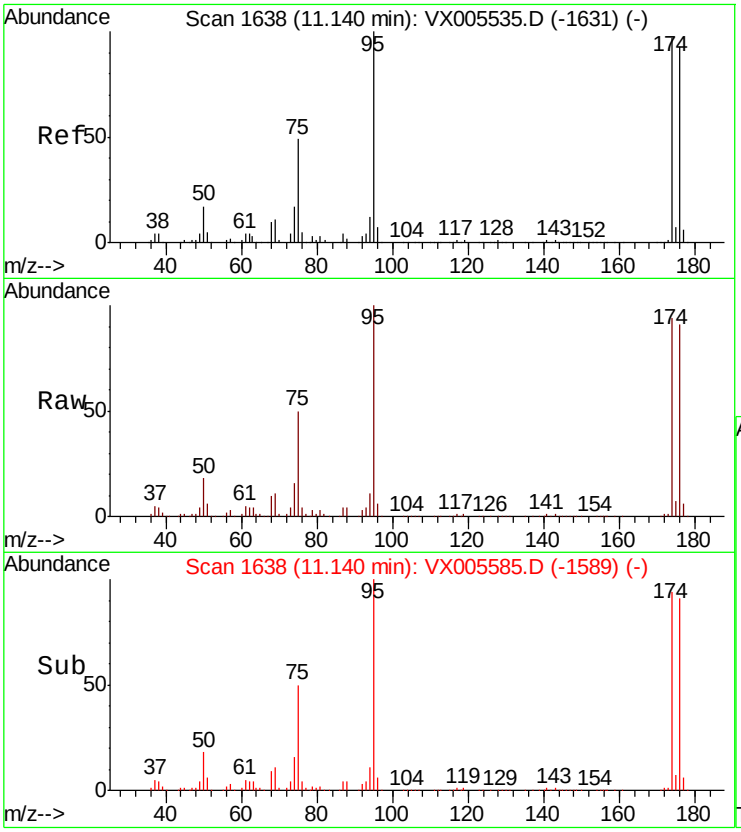


#59
2-Hexanone
Concen: 0.386 ug/l
RT: 9.31 min Scan# 1338
Delta R.T. -0.19 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

Tgt Ion: 43 Resp: 1149

Ion	Ratio	Lower	Upper
43	100		
58	43.9	25.9	77.8



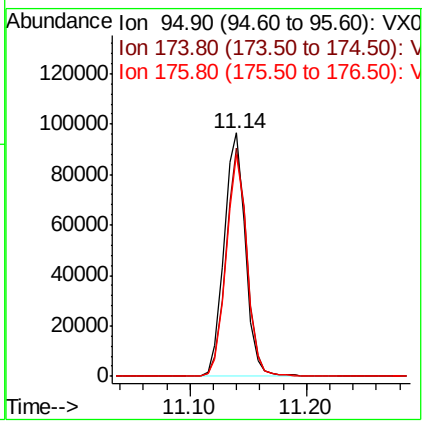


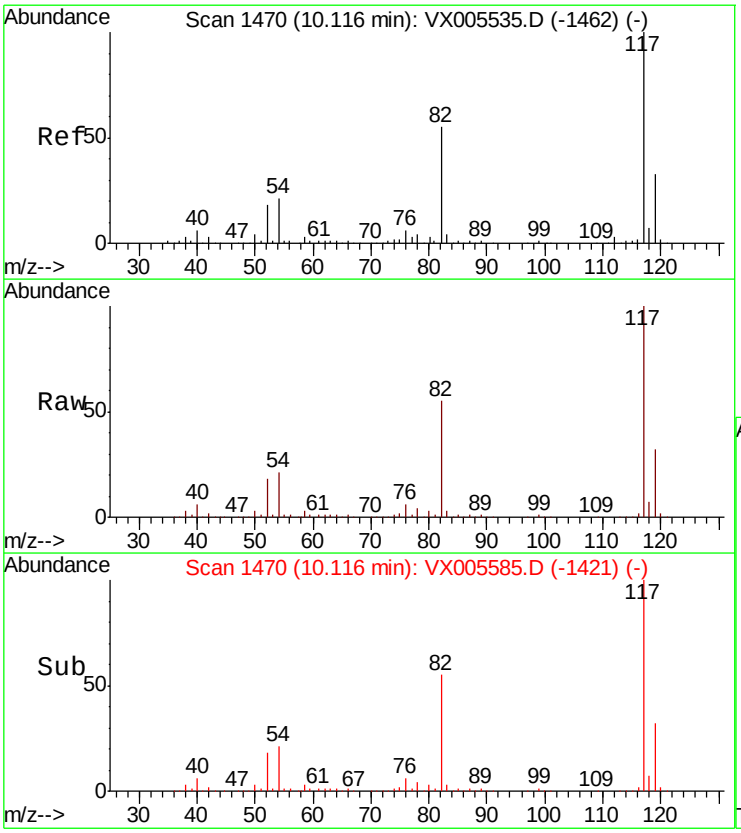
#62
4-Bromofluorobenzene
Concen: 44.087 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
S37-0006

Tgt Ion: 95 Resp: 122581

Ion	Ratio	Lower	Upper
95	100		
174	92.0	0.0	184.4
176	89.0	0.0	177.4

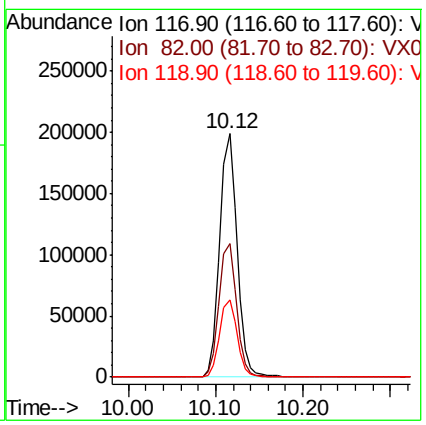


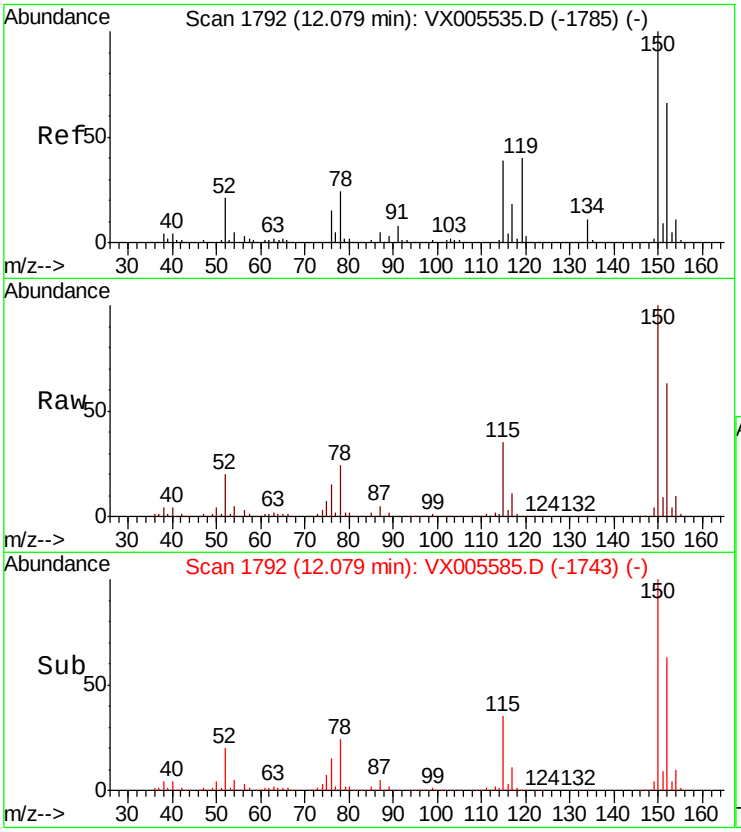


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

Tgt Ion:117 Resp: 274102

Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.1	66.1
119	31.7	26.2	39.2



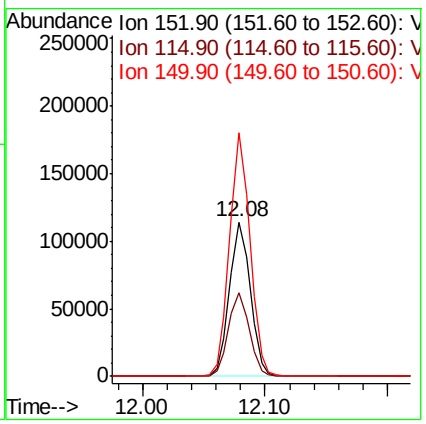


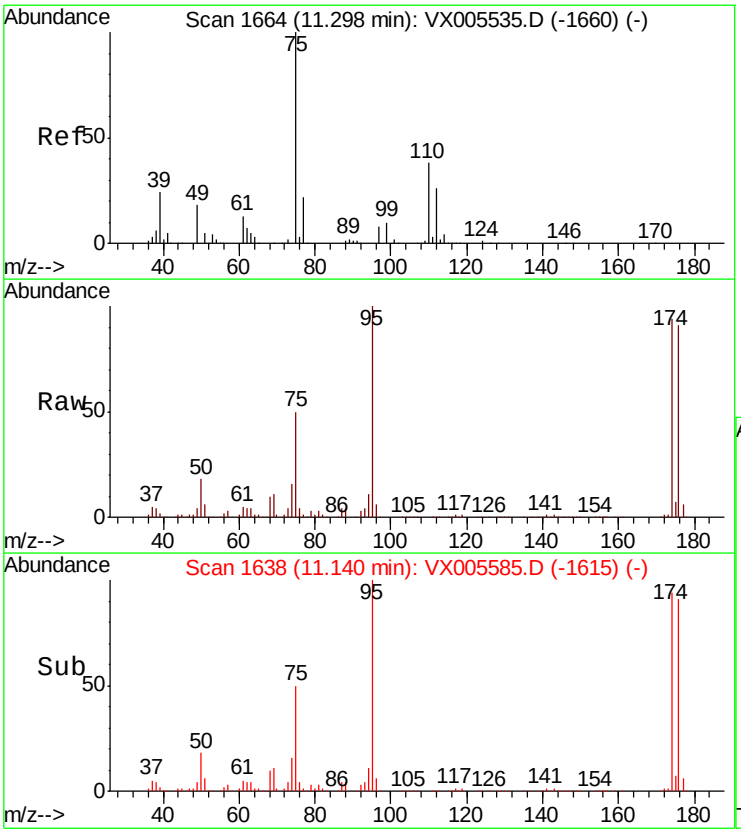
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

Instrument : MSVOA_X
ClientSampleId : S37-0006

Tgt Ion:152 Resp: 133978

Ion	Ratio	Lower	Upper
152	100		
115	54.5	39.4	118.1
150	155.4	0.0	346.4

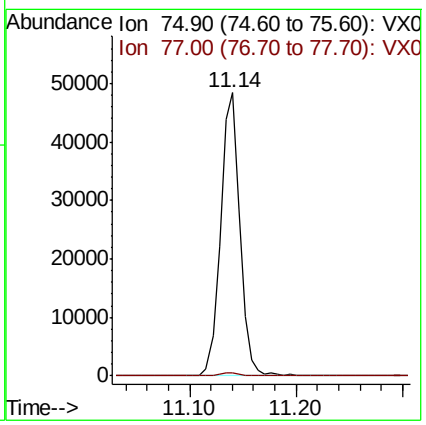


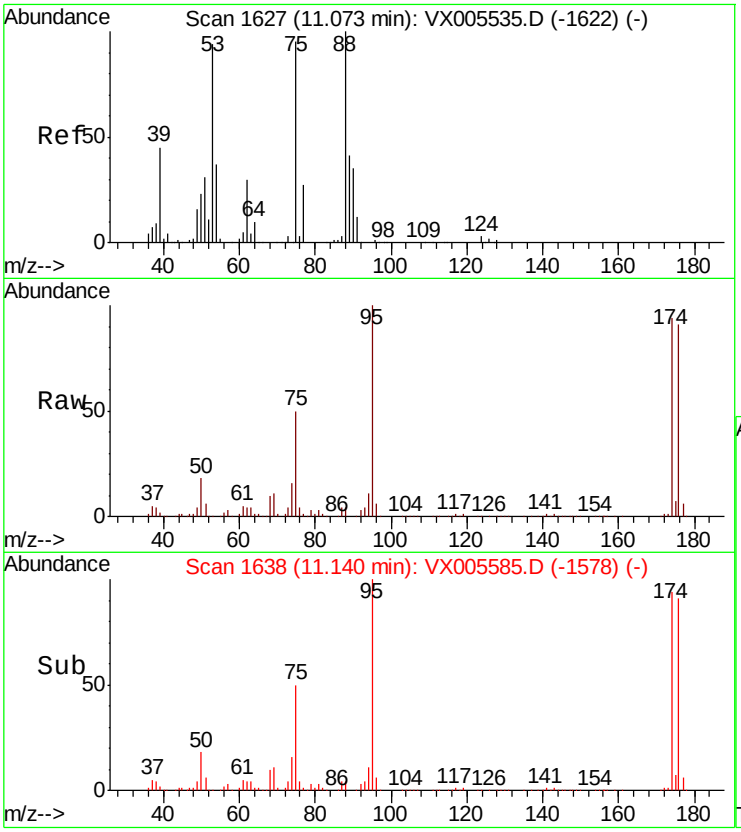


#76
1,2,3-Trichloropropane
Concen: 21.557 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

Tgt Ion: 75 Resp: 61193

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.5	61.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.438 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005585.D
Acq: 25 Oct 2018 13:23

Instrument :
MSVOA_X
ClientSampleId :
S37-0006

Tgt Ion: 75 Resp: 61193

Ion	Ratio	Lower	Upper
75	100		
53	0.3	80.2	120.2#
89	0.0	39.8	59.8#