Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102418\
Data File : VX005543.D
Acq On : 24 Oct 2018 16:06
Operator : JC/MD
Sample : J5655-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S37-EB-2018-1

Quant Time: Oct 25 04:54:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 13:13:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	235724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	328411	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	138247	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.08%			
35) Dibromofluoromethane	5.50	113	107467	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.66%			
50) Toluene-d8	8.71	98	385497	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.50%			
62) 4-Bromofluorobenzene	11.14	95	126414	41.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.78%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	1272	0.429	ug/l	100
4) Vinyl Chloride	1.41	62	729	0.250	ug/l #	84
5) Bromomethane	1.64	94	568	0.313	ug/l	87
10) Methyl Iodide	2.52	142	313	2.847	ug/l #	82
11) Tert butyl alcohol	3.07	59	386	0.499	ug/l #	67
13) Acrolein	2.29	56	106	0.268	ug/l #	1
15) Acrylonitrile	3.14	53	388	0.223	ug/l #	63
16) Acetone	2.45	43	4805	3.160	ug/l	94
17) Carbon Disulfide	2.57	76	1889	0.280	ug/l #	82
18) Methyl Acetate	2.77	43	339	Below Cal	#	87
20) Methylene Chloride	2.86	84	46319	18.189	ug/l	97
25) 2-Butanone	4.70	43	6449	2.785	ug/l	99
29) Tetrahydrofuran	5.15	42	169482	112.477	ug/l	92
31) Cyclohexane	5.65	56	4324	1.115	ug/l #	17
36) 1,1-Dichloropropene	5.65	75	15664	4.915	ug/l #	49
37) Ethyl Acetate	4.70	43	6449	1.586	ug/l #	68
38) Carbon Tetrachloride	5.66	117	20542	6.120	ug/l #	16
41) Methacrylonitrile	5.15	41	97799	43.170	ug/l #	44
76) 1,2,3-Trichloropropane	11.13	75	64604	23.576	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	64604	74.057	ug/l #	10

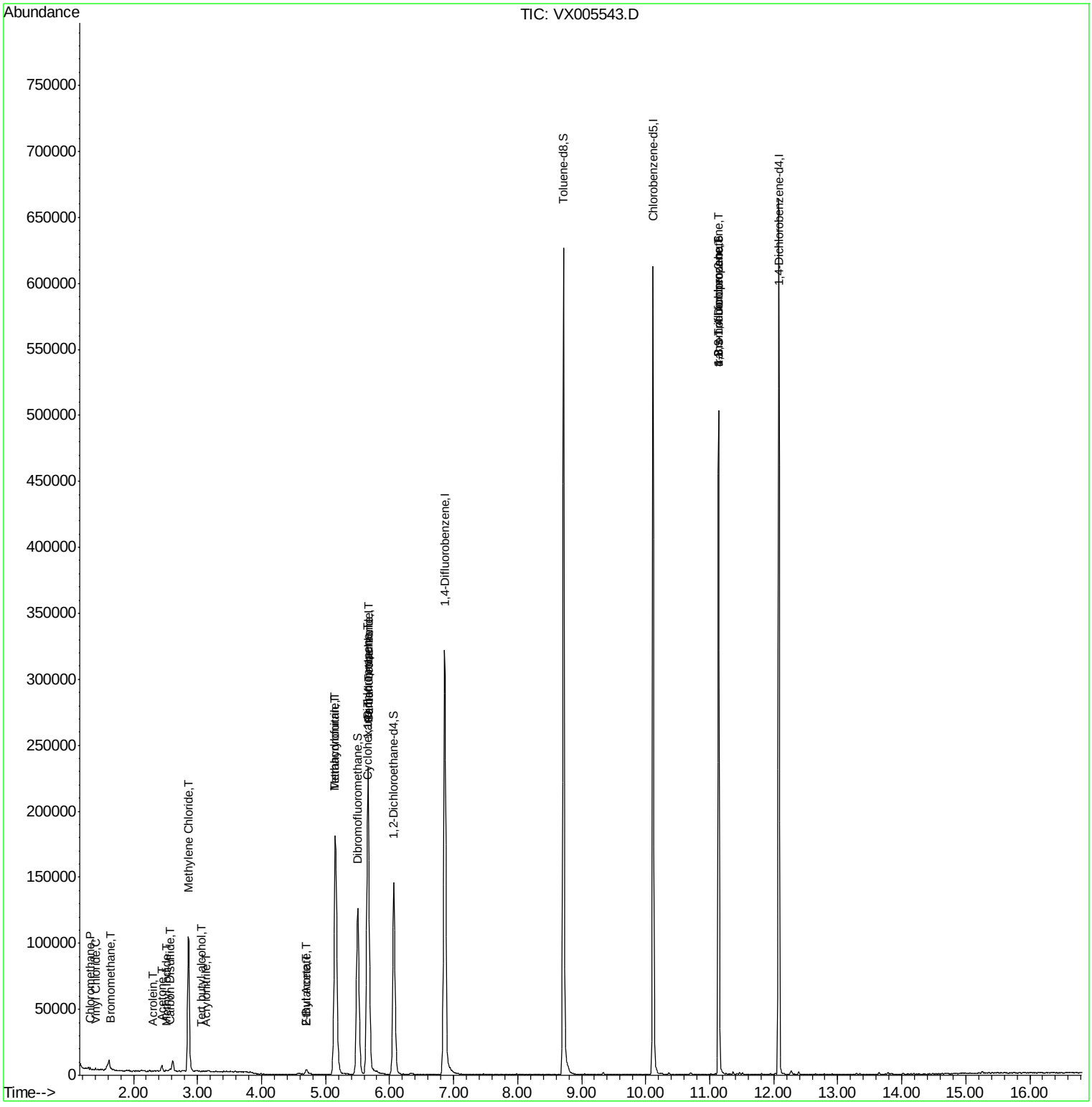
(#) = qualifier out of range (m) = manual integration (+) = signals summed

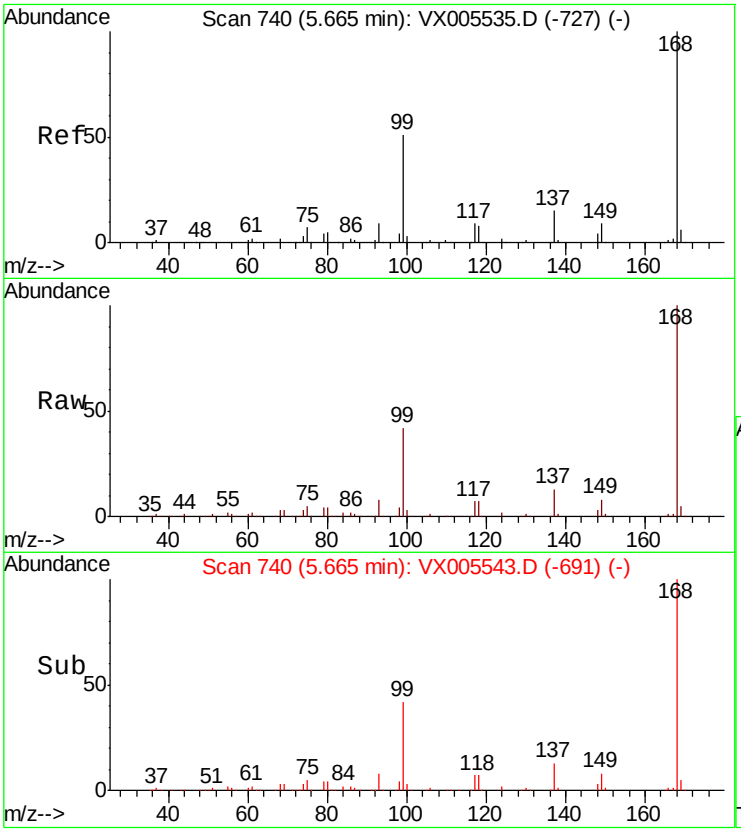
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102418\
Data File : VX005543.D
Acq On : 24 Oct 2018 16:06
Operator : JC/MD
Sample : J5655-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S37-EB-2018-1

Quant Time: Oct 25 04:54:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 13:13:34 2018
Response via : Initial Calibration



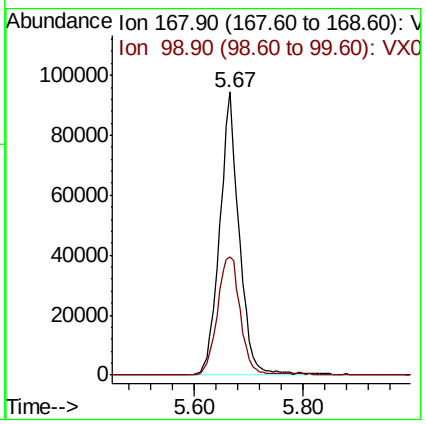


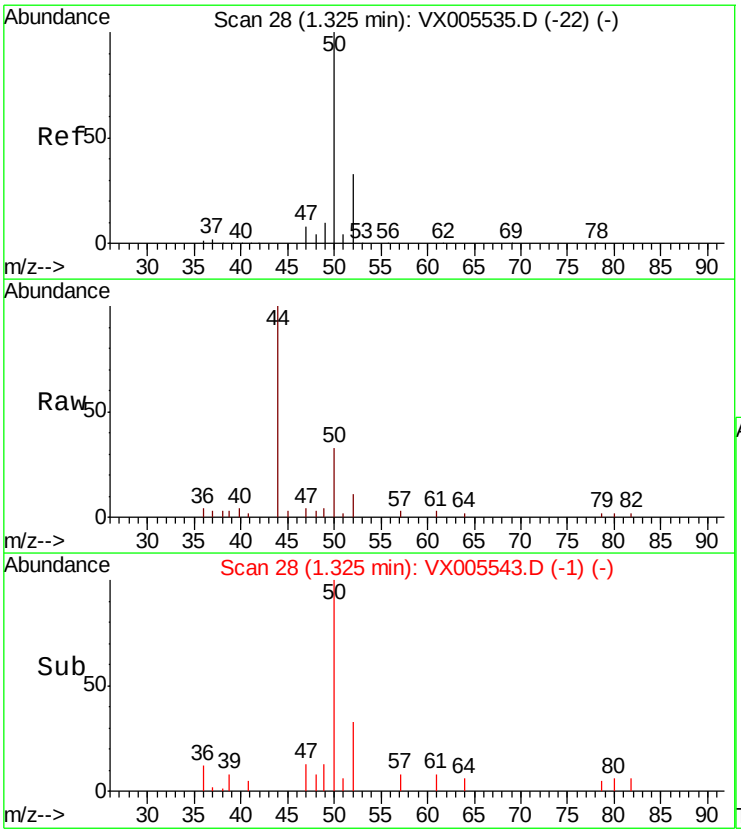
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX005543.D
Acq: 24 Oct 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
S37-EB-2018-1

Tgt Ion:168 Resp: 235724

Ion	Ratio	Lower	Upper
168	100		
99	42.0	39.9	59.9

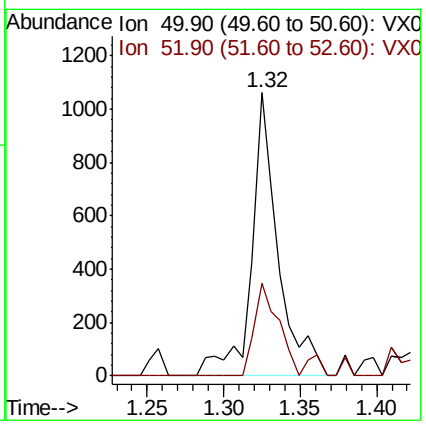


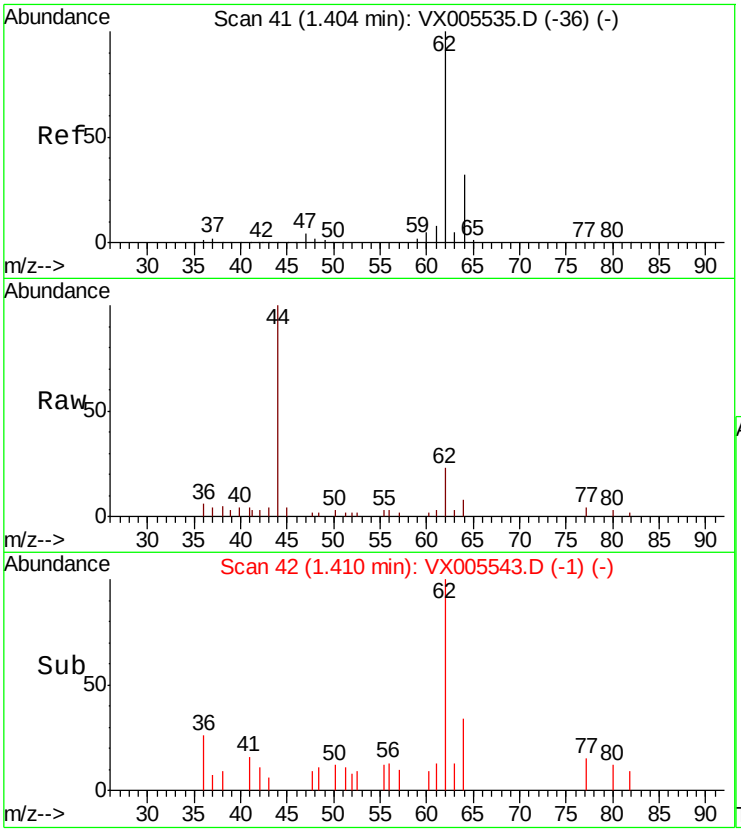


#3
Chloromethane
Concen: 0.429 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005543.D
Acq: 24 Oct 2018 16:06

Tgt Ion: 50 Resp: 1272

Ion	Ratio	Lower	Upper
50	100		
52	32.5	26.2	39.2



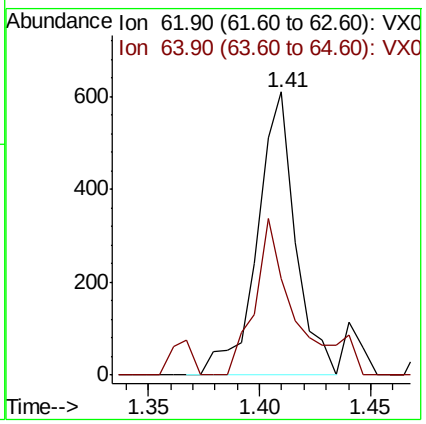


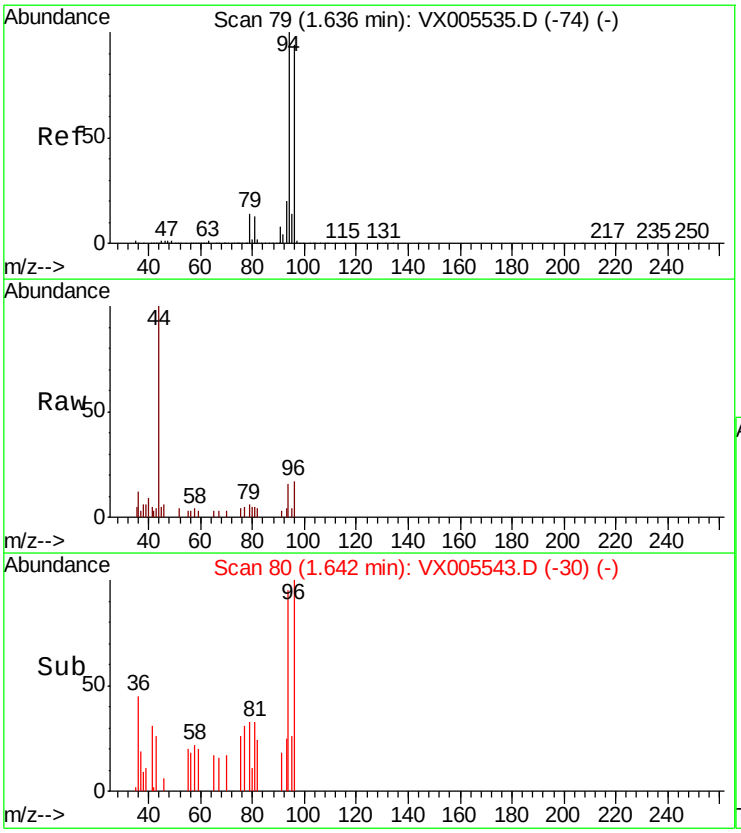
#4
Vinyl Chloride
Concen: 0.250 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.01 min
Lab File: VX005543.D
Acq: 24 Oct 2018 16:06

Instrument : MSVOA_X
ClientSampleId : S37-EB-2018-1

Tgt Ion: 62 Resp: 729

Ion	Ratio	Lower	Upper
62	100		
64	23.3	25.8	38.8#

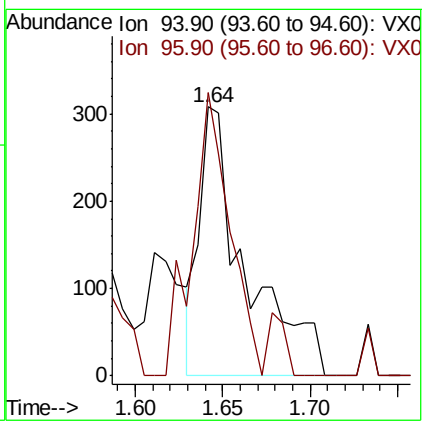


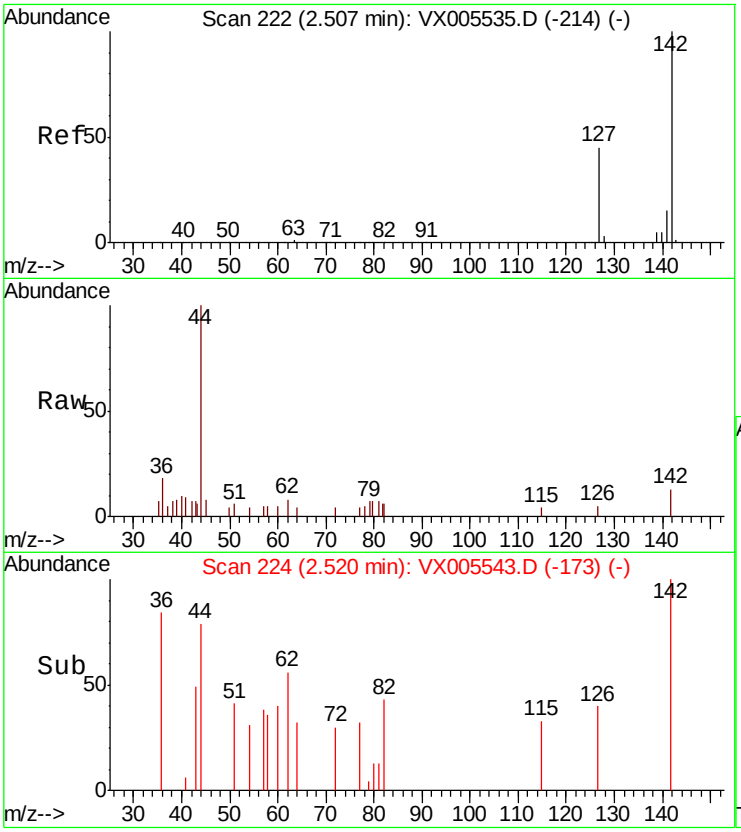


#5
Bromomethane
Concen: 0.313 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX005543.D
Acq: 24 Oct 2018 16:06

Tgt Ion: 94 Resp: 568

Ion	Ratio	Lower	Upper
94	100		
96	105.2	74.5	111.7



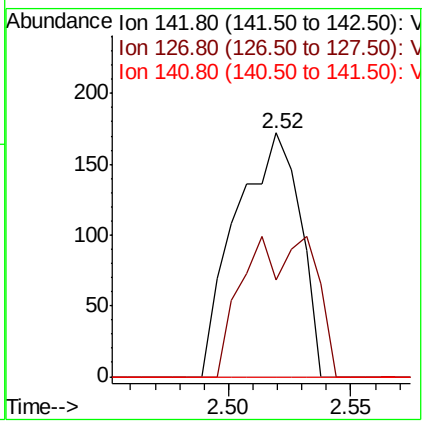


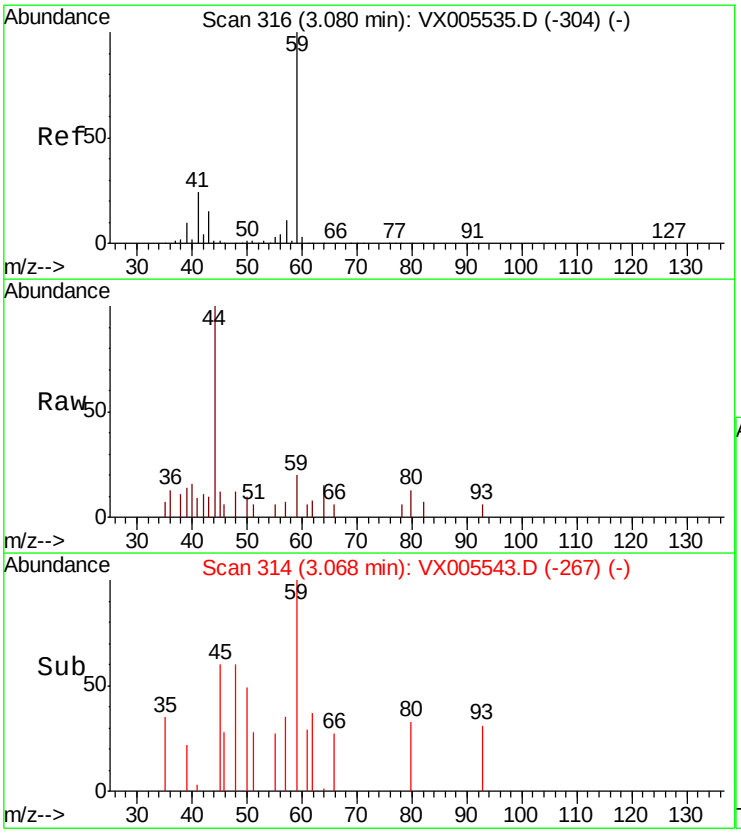
#10
Methyl Iodide
Concen: 2.847 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX005543.D
Acq: 24 Oct 2018 16:06

Instrument : MSVOA_X
ClientSampleId : S37-EB-2018-1

Tgt Ion:142 Resp: 313

Ion	Ratio	Lower	Upper
142	100		
127	34.5	33.8	50.6
141	0.0	11.4	17.0#

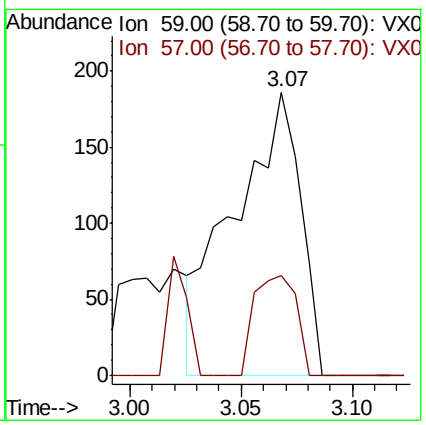


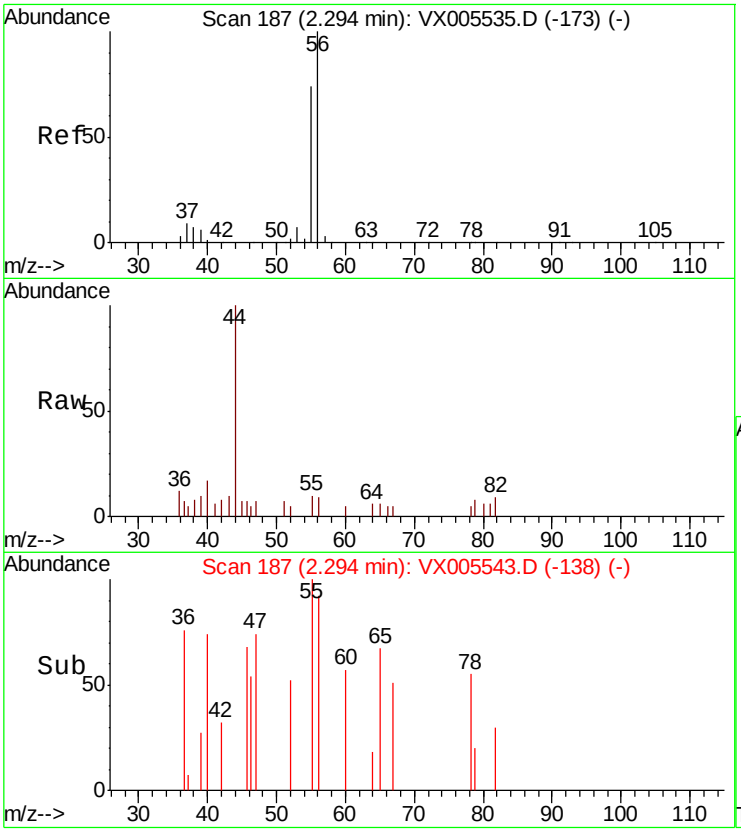


#11
Tert butyl alcohol
Concen: 0.499 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005543.D
Acq: 24 Oct 2018 16:06

Tgt Ion: 59 Resp: 386

Ion	Ratio	Lower	Upper
59	100		
57	22.5	8.2	12.4#



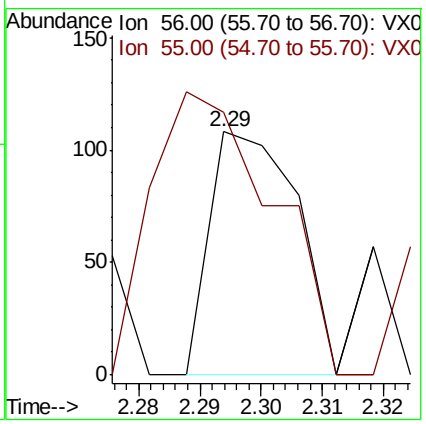


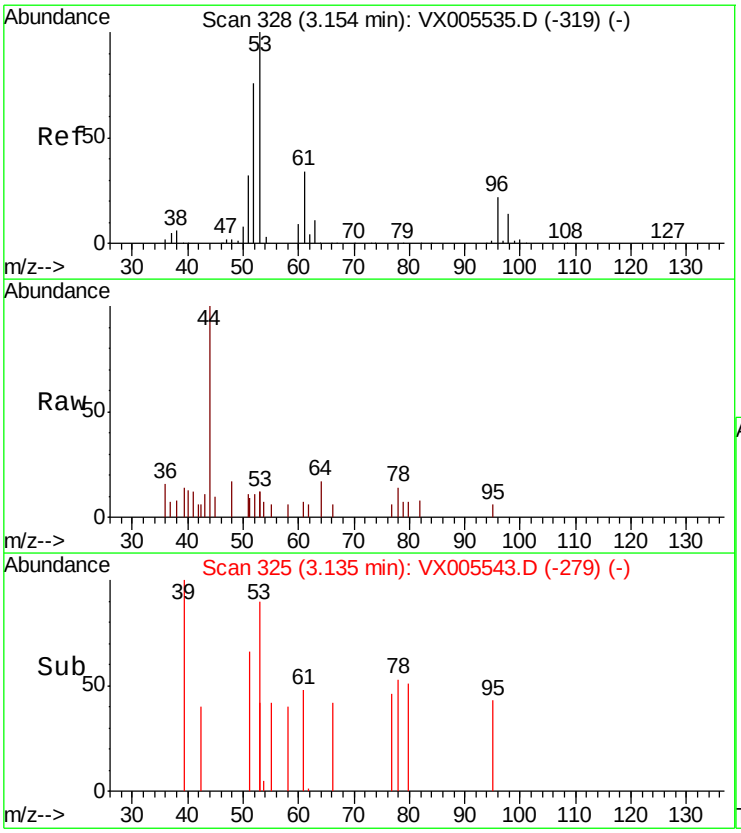
#13
Acrolein
Concen: 0.268 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX005543.D
Acq: 24 Oct 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
S37-EB-2018-1

Tgt Ion: 56 Resp: 106

Ion	Ratio	Lower	Upper
56	100		
55	164.2	54.7	82.1#

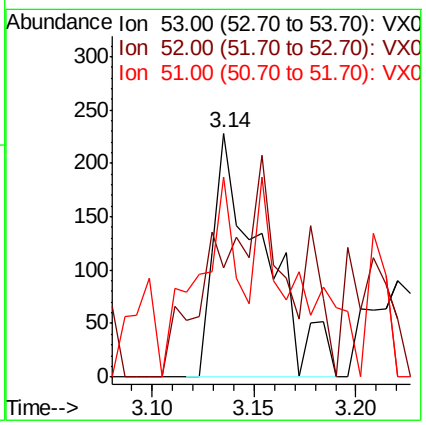


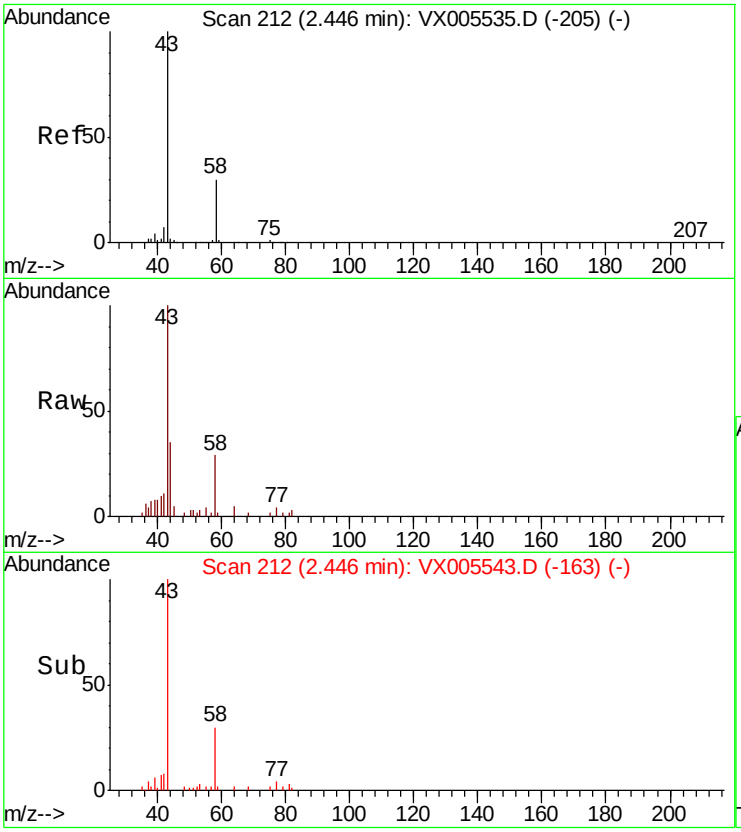


#15
Acrylonitrile
Concen: 0.223 ug/l
RT: 3.14 min Scan# 325
Delta R.T. -0.02 min
Lab File: VX005543.D
Acq: 24 Oct 2018 16:06

Tgt Ion: 53 Resp: 388

Ion	Ratio	Lower	Upper
53	100		
52	104.9	65.2	97.8#
51	0.0	28.2	42.2#



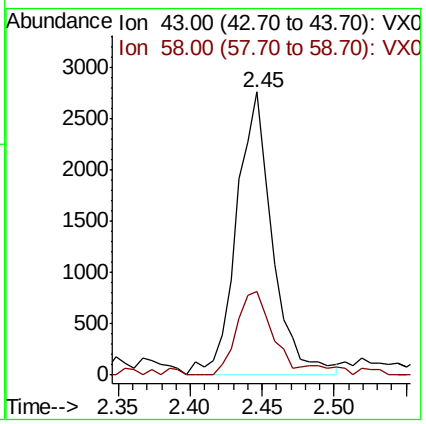


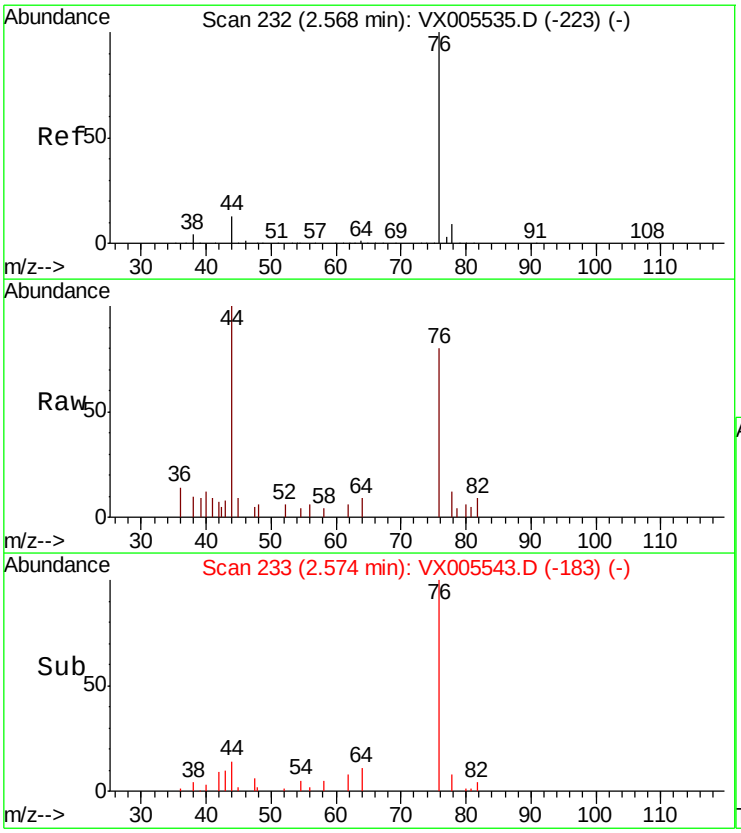
#16
Acetone
Concen: 3.160 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005543.D
Acq: 24 Oct 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
S37-EB-2018-1

Tgt Ion: 43 Resp: 4805

Ion	Ratio	Lower	Upper
43	100		
58	29.5	26.2	39.4

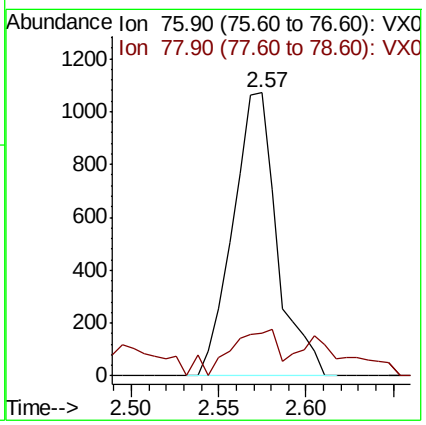


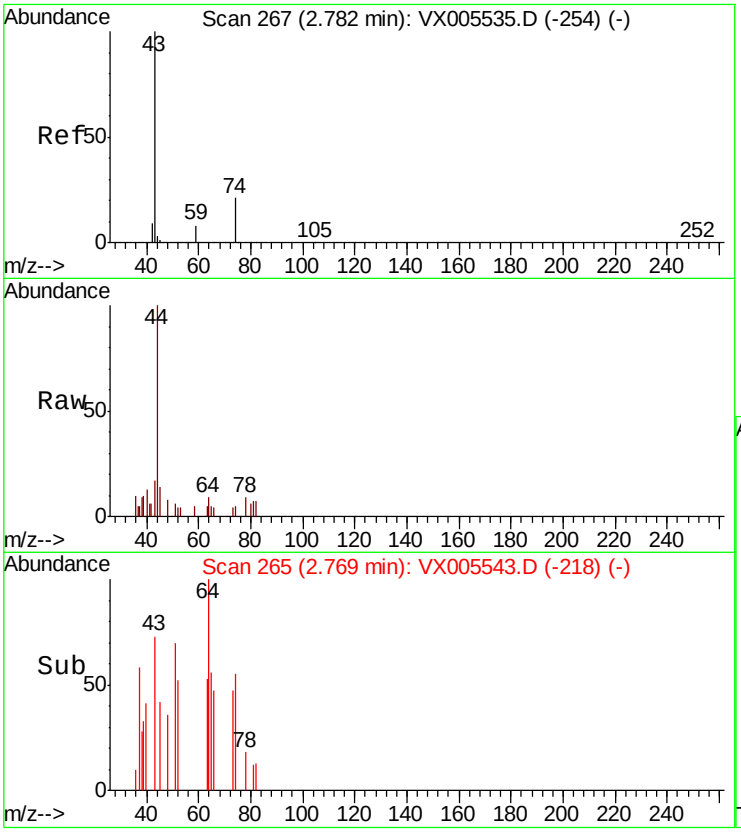


#17
Carbon Disulfide
Concen: 0.280 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX005543.D
Acq: 24 Oct 2018 16:06

Tgt Ion: 76 Resp: 1889

Ion	Ratio	Lower	Upper
76	100		
78	15.2	7.0	10.6#



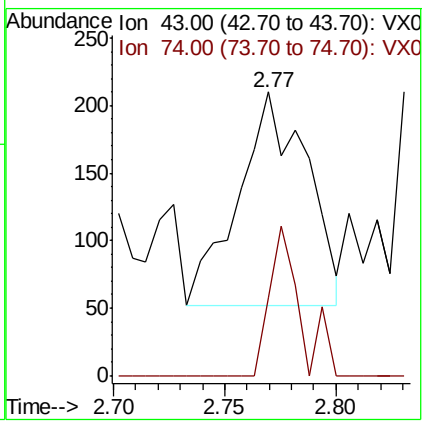


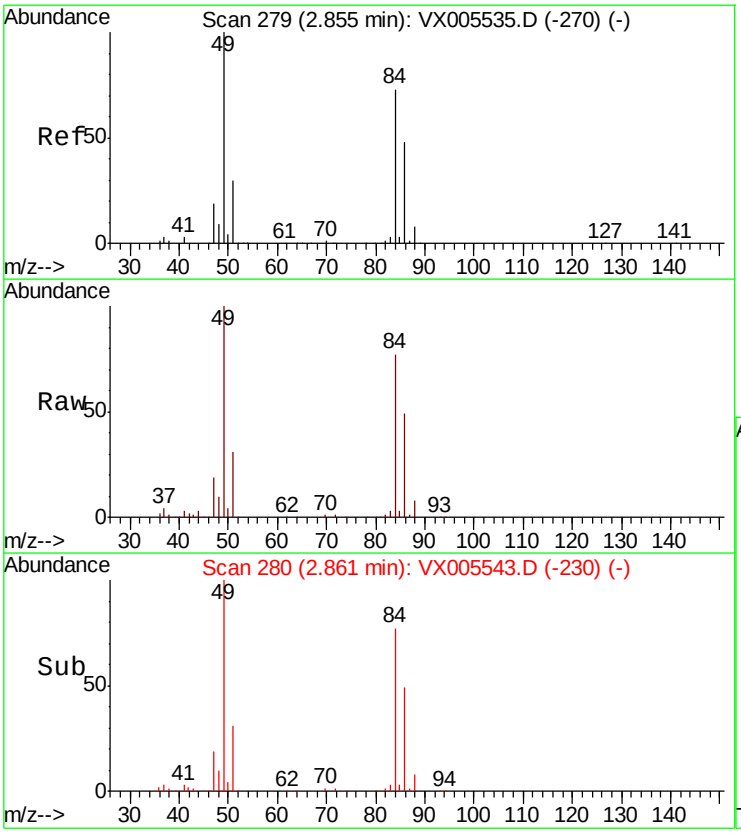
#18
Methyl Acetate
Concen: Below Cal
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX005543.D
Acq: 24 Oct 2018 16:06

Instrument : MSVOA_X
ClientSampleId : S37-EB-2018-1

Tgt Ion: 43 Resp: 339

Ion	Ratio	Lower	Upper
43	100		
74	31.0	19.4	29.2#

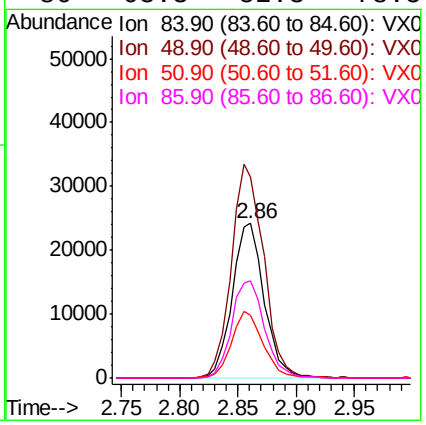


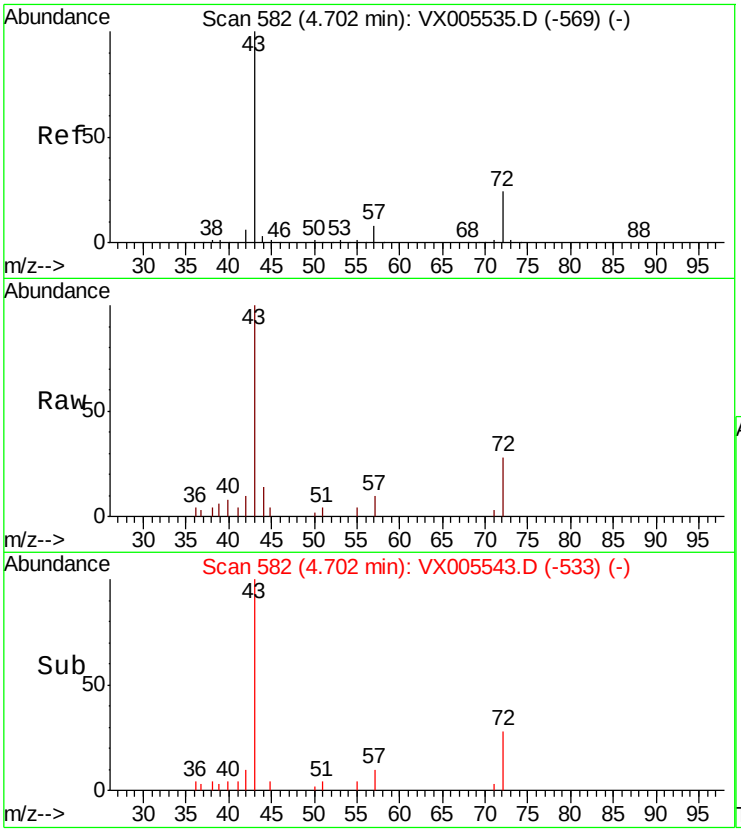


#20
Methylene Chloride
Concen: 18.189 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005543.D
Acq: 24 Oct 2018 16:06

Tgt Ion: 84 Resp: 46319

Ion	Ratio	Lower	Upper
84	100		
49	129.8	101.2	151.8
51	40.5	29.5	44.3
86	63.3	52.3	78.5



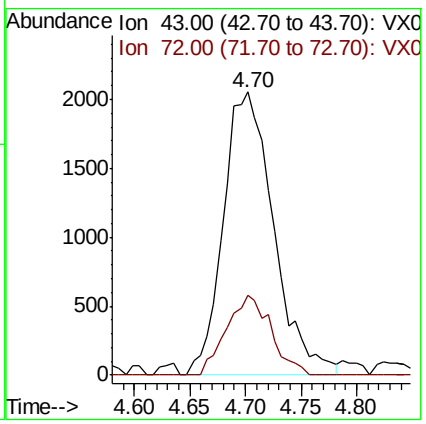


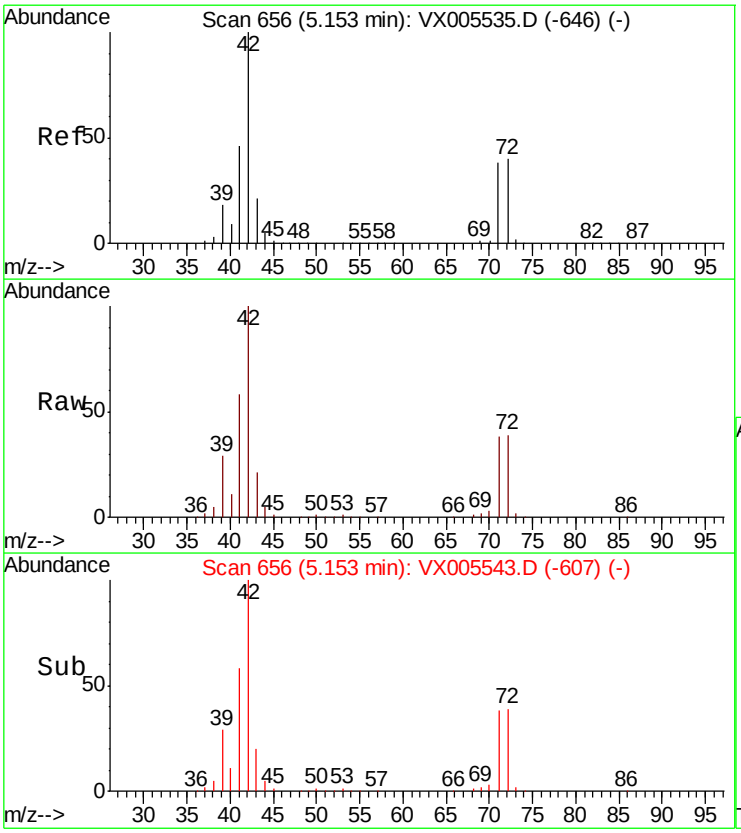
#25
2-Butanone
Concen: 2.785 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX005543.D
Acq: 24 Oct 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
S37-EB-2018-1

Tgt Ion: 43 Resp: 6449

Ion	Ratio	Lower	Upper
43	100		
72	28.3	22.0	33.0

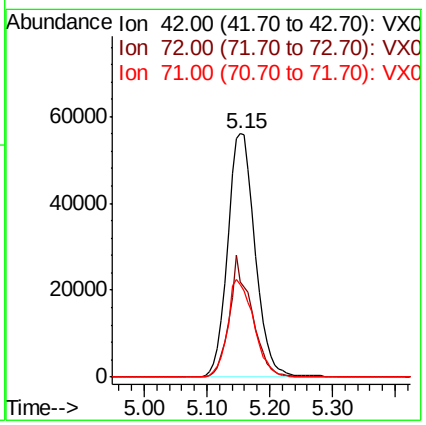


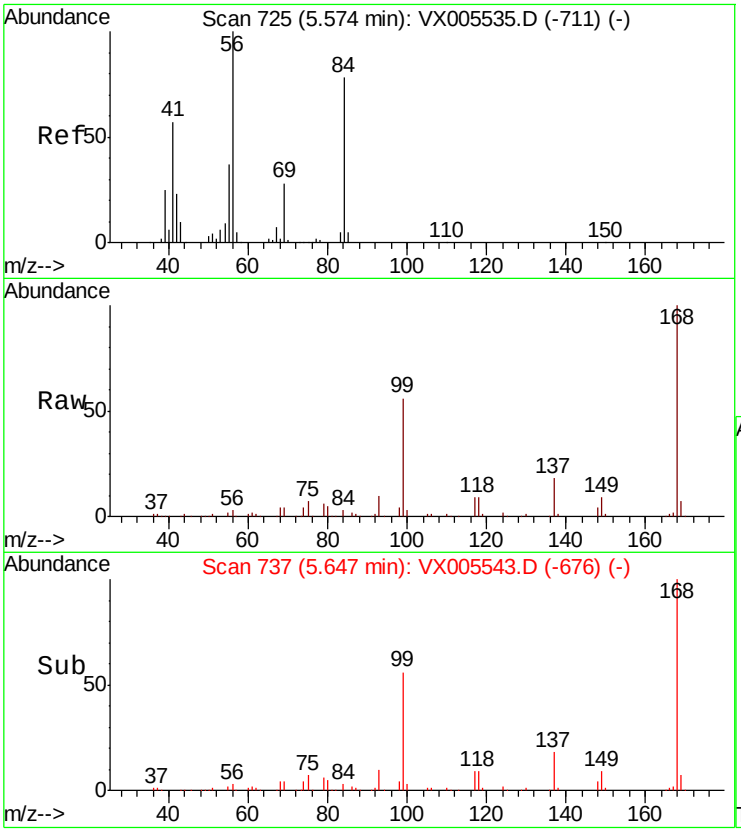


#29
Tetrahydrofuran
Concen: 112.477 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005543.D
Acq: 24 Oct 2018 16:06

Tgt Ion: 42 Resp: 169482

Ion	Ratio	Lower	Upper
42	100		
72	40.5	37.4	56.0
71	38.4	34.5	51.7



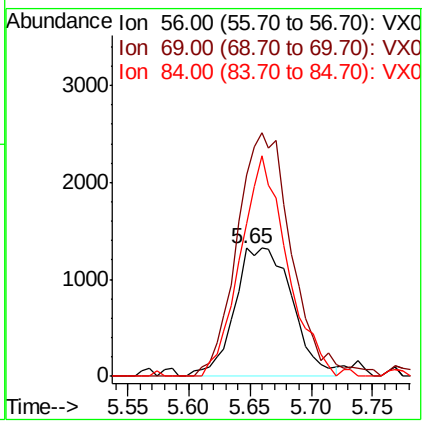


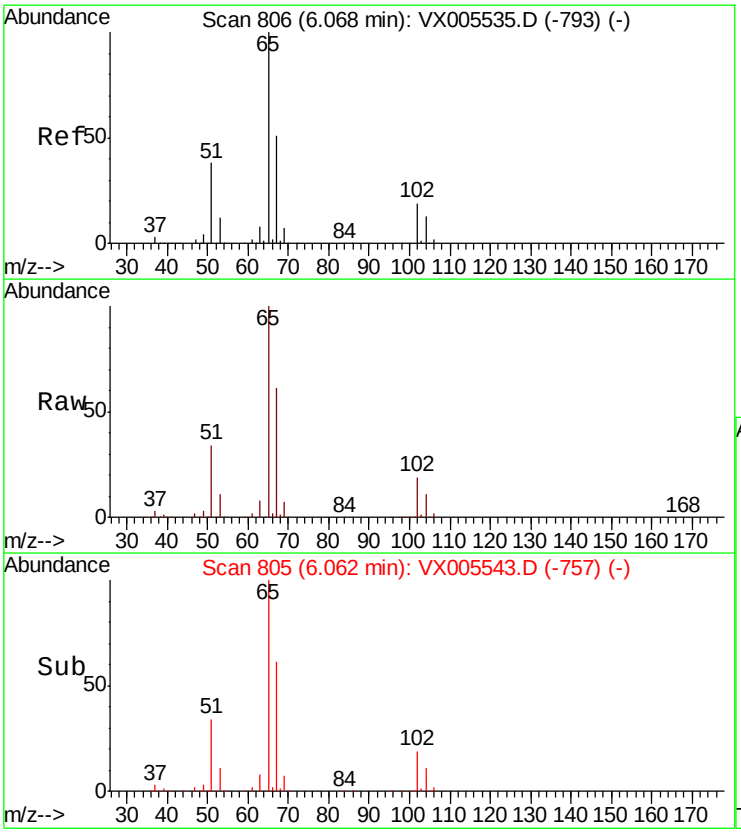
#31
Cyclohexane
Concen: 1.115 ug/l
RT: 5.65 min Scan# 737
Delta R.T. 0.07 min
Lab File: VX005543.D
Acq: 24 Oct 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
S37-EB-2018-1

Tgt Ion: 56 Resp: 4324

Ion	Ratio	Lower	Upper
56	100		
69	157.5	25.4	38.2#
84	119.6	71.4	107.2#

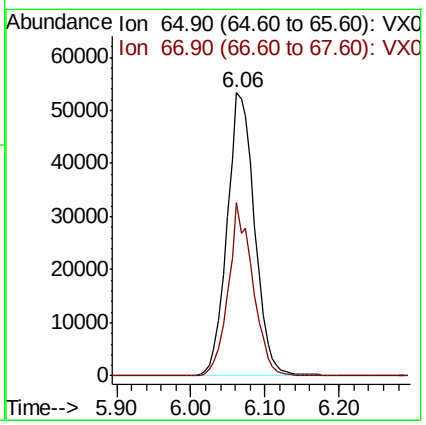


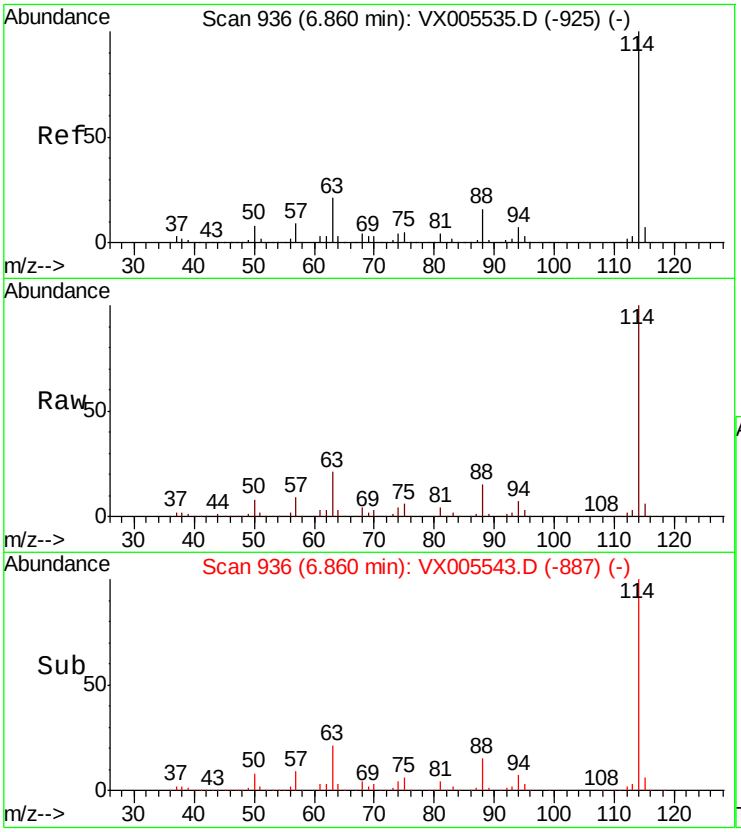


#33
1,2-Dichloroethane-d4
Concen: 48.045 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX005543.D
Acq: 24 Oct 2018 16:06

Tgt Ion: 65 Resp: 138247

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	106.8



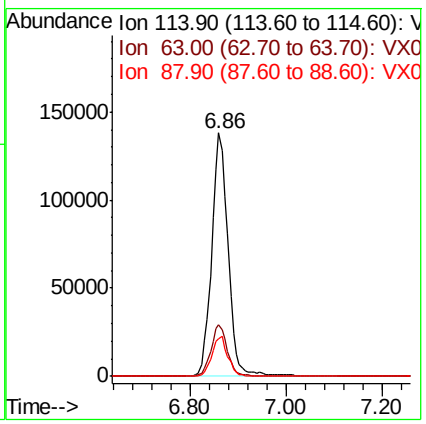


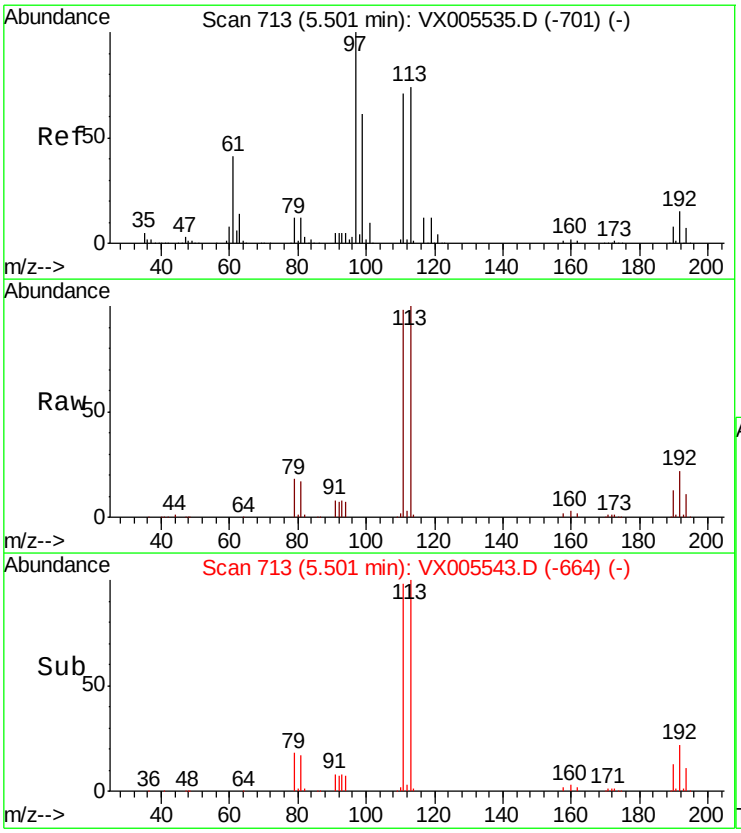
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005543.D
Acq: 24 Oct 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
S37-EB-2018-1

Tgt Ion:114 Resp: 328411

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	39.0
88	15.5	0.0	30.4

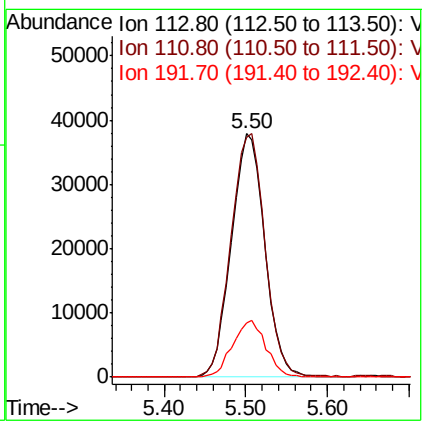


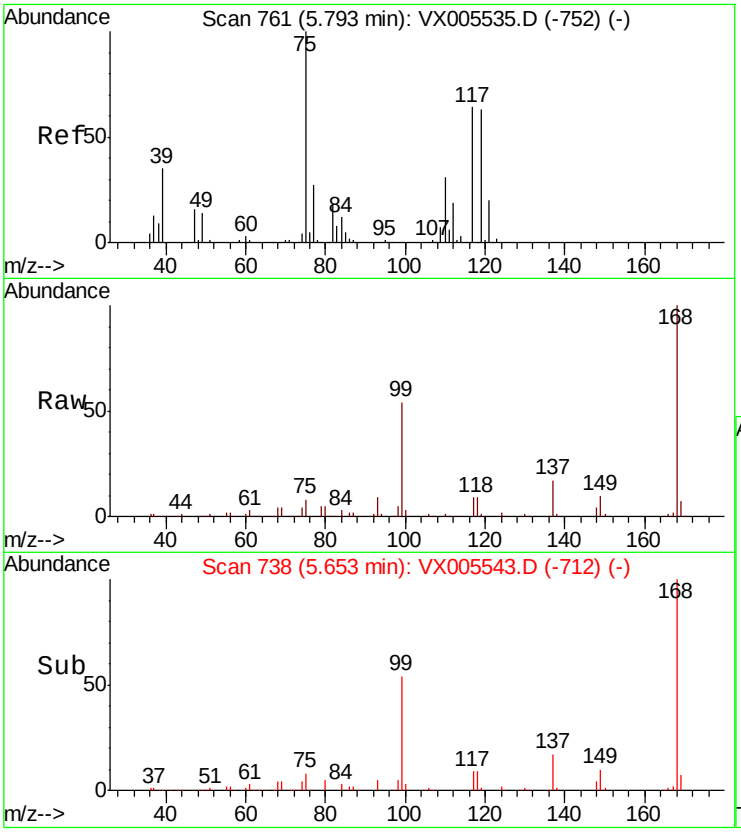


#35
Dibromofluoromethane
Concen: 48.328 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005543.D
Acq: 24 Oct 2018 16:06

Tgt Ion:113 Resp: 107467

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.4	123.6
192	23.1	19.4	29.2



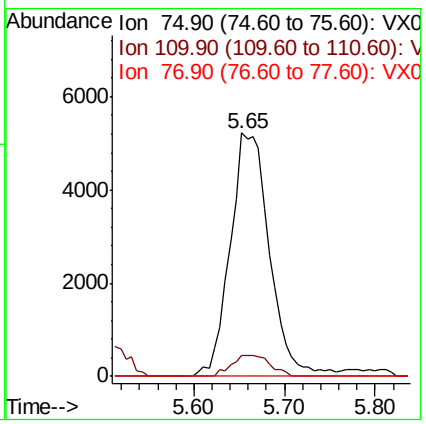


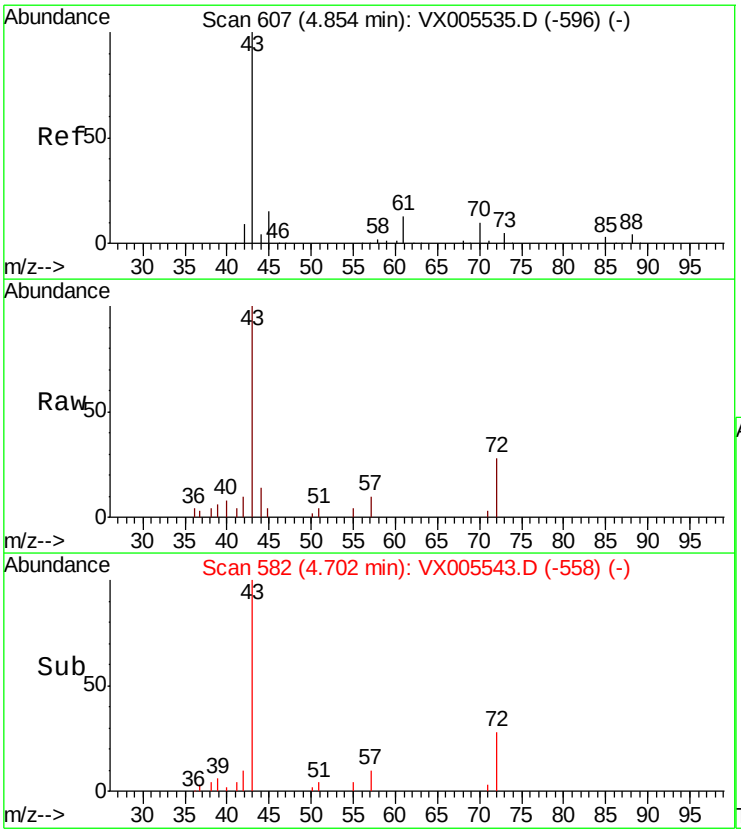
#36
1,1-Dichloropropene
Concen: 4.915 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.14 min
Lab File: VX005543.D
Acq: 24 Oct 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
S37-EB-2018-1

Tgt Ion: 75 Resp: 15664

Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.0	54.0#
77	0.0	24.6	36.8#

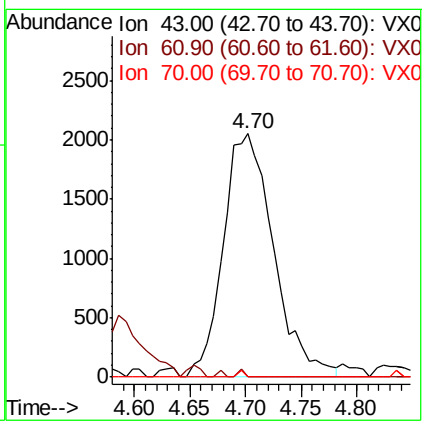


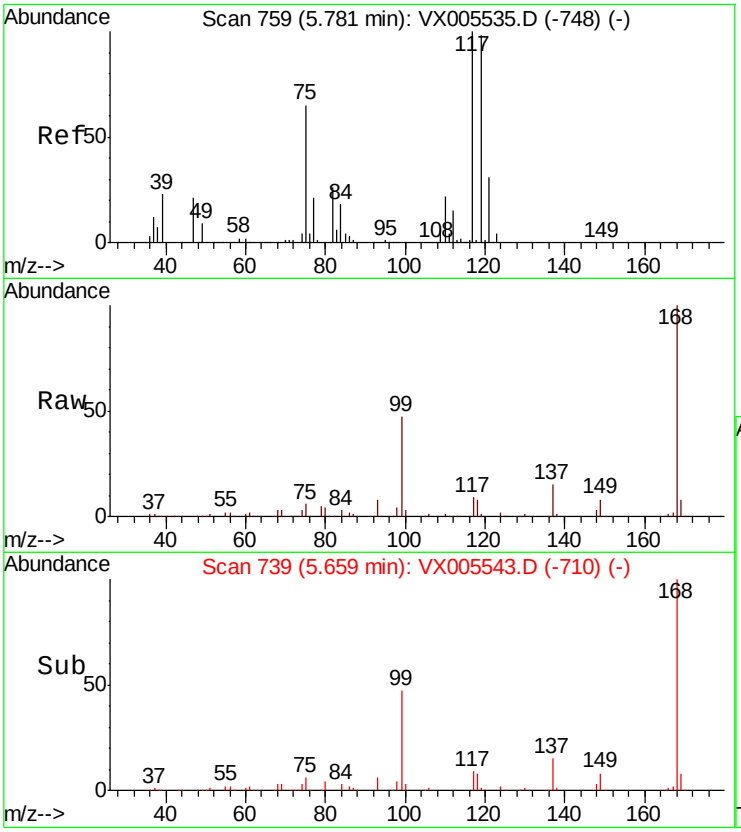


#37
Ethyl Acetate
Concen: 1.586 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.15 min
Lab File: VX005543.D
Acq: 24 Oct 2018 16:06

Tgt Ion: 43 Resp: 6449

Ion	Ratio	Lower	Upper
43	100		
61	0.4	11.5	17.3#
70	0.0	9.0	13.6#



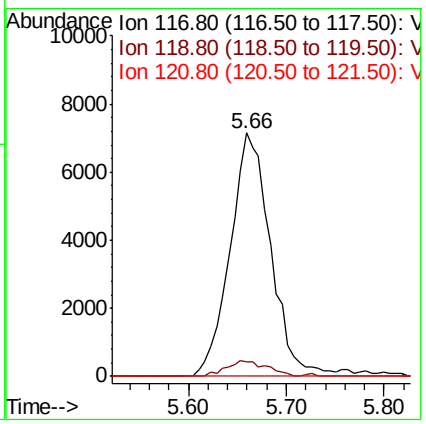


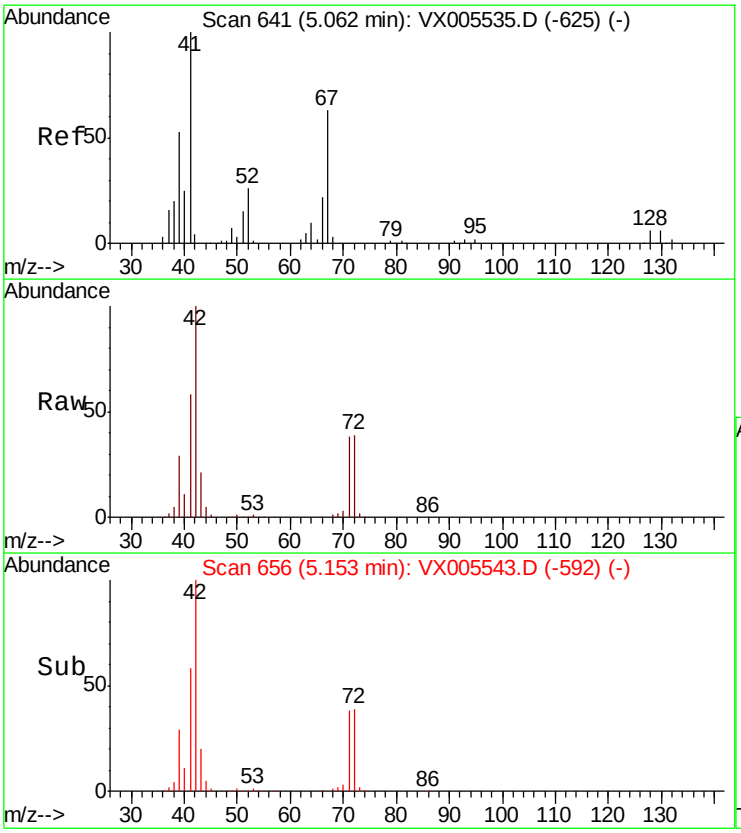
#38
Carbon Tetrachloride
Concen: 6.120 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX005543.D
Acq: 24 Oct 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
S37-EB-2018-1

Tgt Ion:117 Resp: 20542

Ion	Ratio	Lower	Upper
117	100		
119	6.0	78.8	118.2#
121	0.0	24.9	37.3#

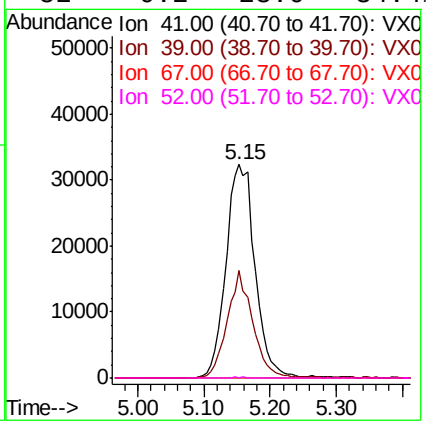


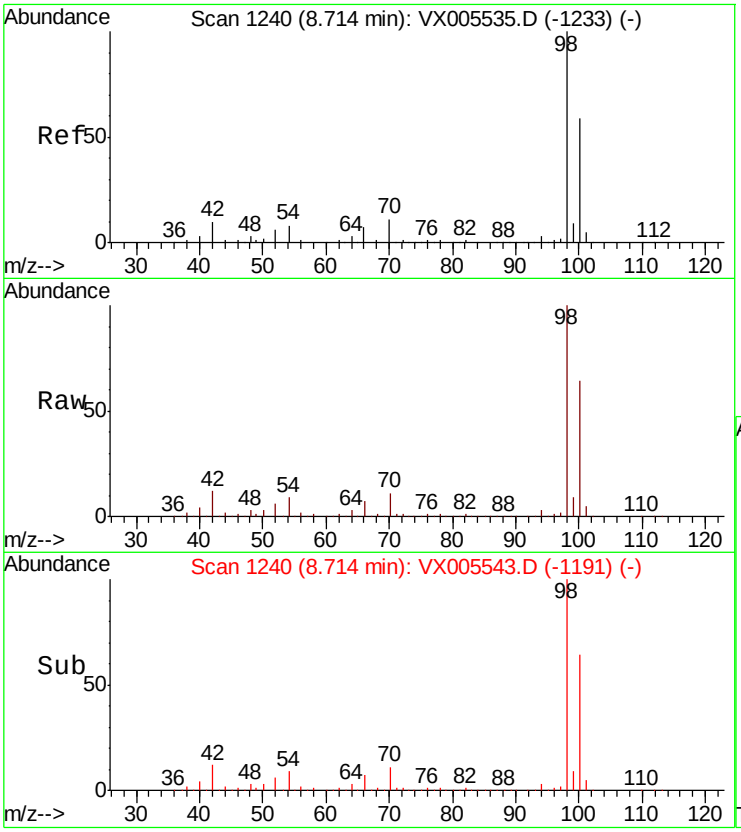


#41
Methacrylonitrile
Concen: 43.170 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.09 min
Lab File: VX005543.D
Acq: 24 Oct 2018 16:06

Tgt Ion: 41 Resp: 97799

Ion	Ratio	Lower	Upper
41	100		
39	44.3	42.4	63.6
67	0.0	59.2	88.8#
52	0.2	23.0	34.4#



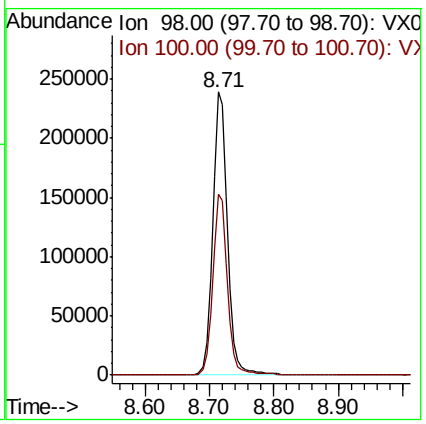


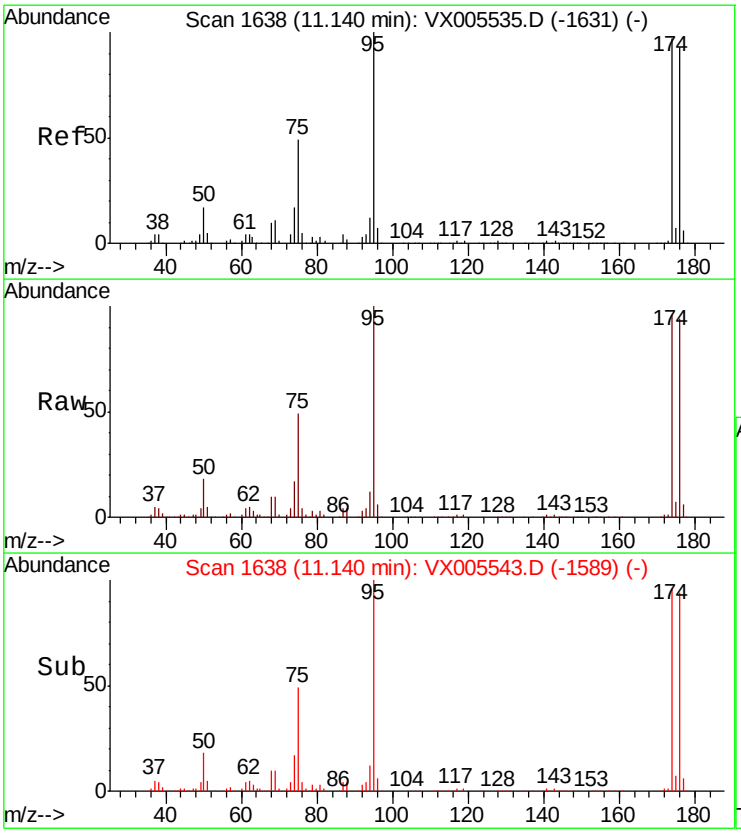
#50
Toluene-d8
Concen: 48.246 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005543.D
Acq: 24 Oct 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
S37-EB-2018-1

Tgt Ion: 98 Resp: 385497

Ion	Ratio	Lower	Upper
98	100		
100	63.6	52.9	79.3

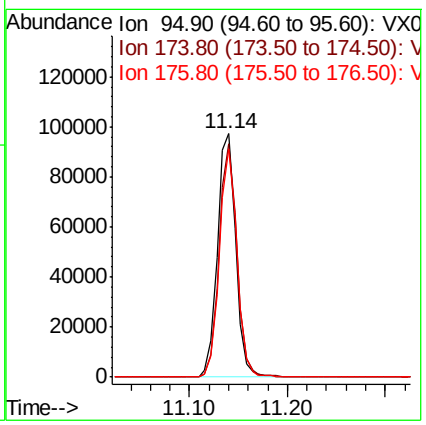


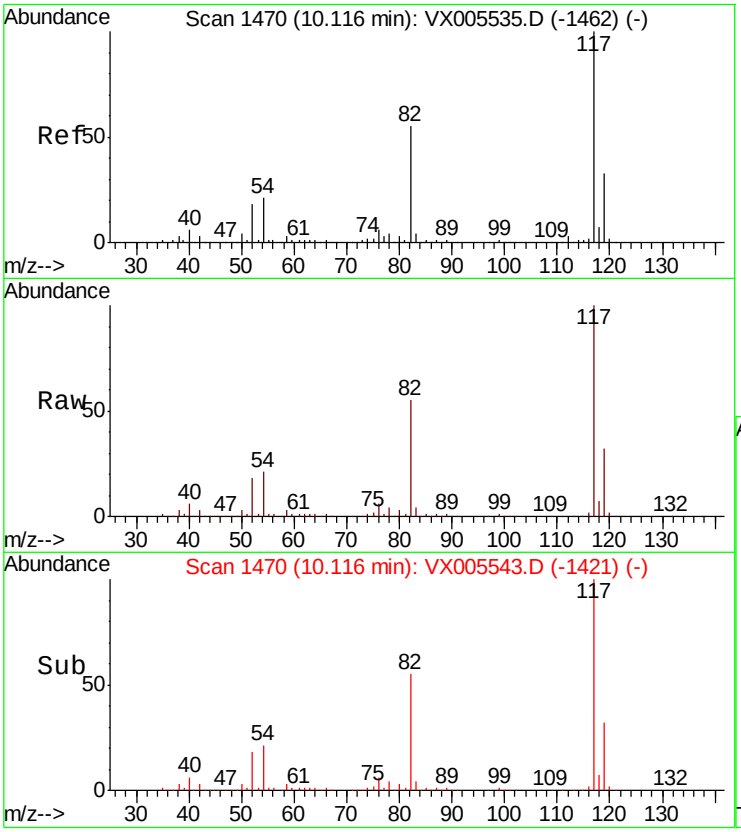


#62
4-Bromofluorobenzene
Concen: 41.894 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005543.D
Acq: 24 Oct 2018 16:06

Tgt Ion: 95 Resp: 126414

Ion	Ratio	Lower	Upper
95	100		
174	93.3	0.0	185.2
176	90.0	0.0	178.6



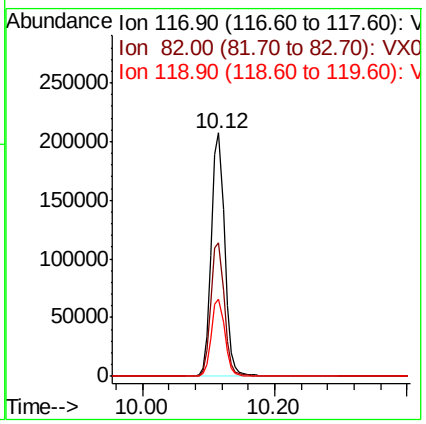


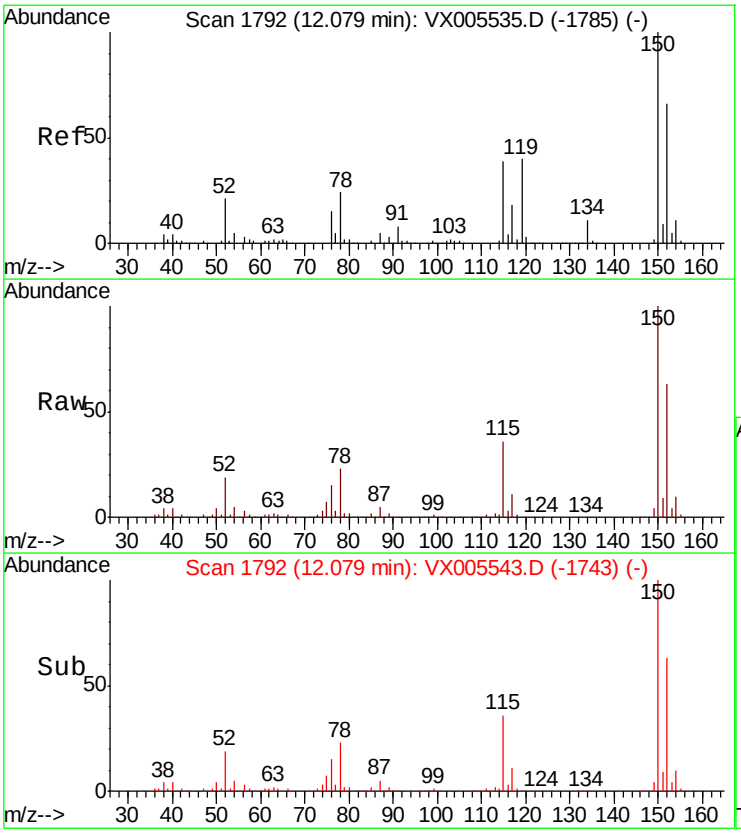
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005543.D
Acq: 24 Oct 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
S37-EB-2018-1

Tgt Ion:117 Resp: 288711

Ion	Ratio	Lower	Upper
117	100		
82	54.8	47.8	71.6
119	31.9	29.3	43.9

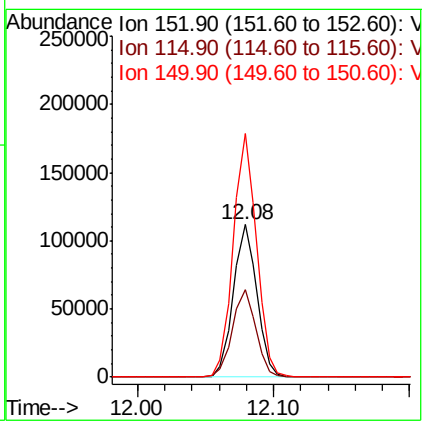


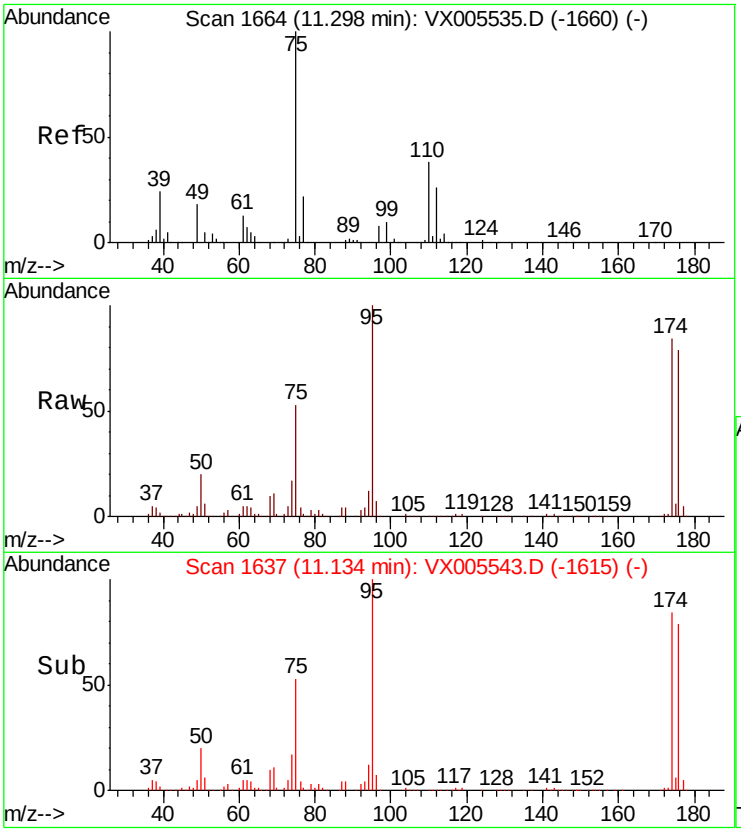


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005543.D
Acq: 24 Oct 2018 16:06

Tgt Ion:152 Resp: 134533

Ion	Ratio	Lower	Upper
152	100		
115	57.0	39.0	117.0
150	158.3	0.0	351.0



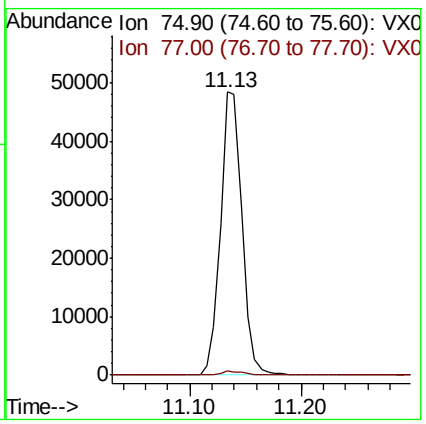


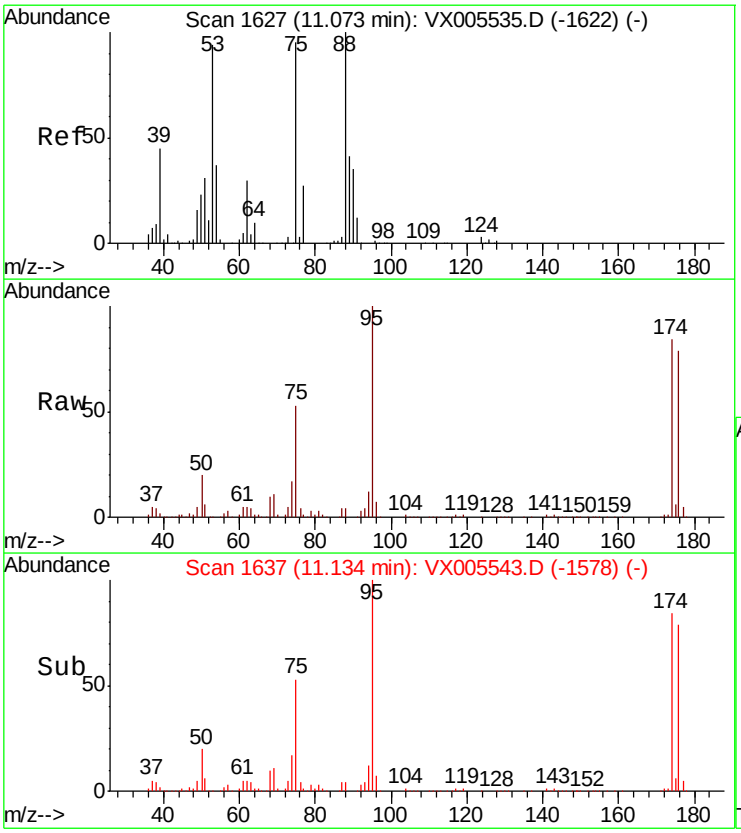
#76
1,2,3-Trichloropropane
Concen: 23.576 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX005543.D
Acq: 24 Oct 2018 16:06

Instrument :
MSVOA_X
ClientSampleId :
S37-EB-2018-1

Tgt Ion: 75 Resp: 64604

Ion	Ratio	Lower	Upper
75	100		
77	1.5	20.2	60.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 74.057 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX005543.D
Acq: 24 Oct 2018 16:06

Tgt Ion: 75 Resp: 64604

Ion	Ratio	Lower	Upper
75	100		
53	0.3	80.1	120.1#
89	0.0	37.2	55.8#