Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091518\
Data File : VX004578.D
Acq On : 15 Sep 2018 12:20
Operator : JC/MD
Sample : VX0915WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0915WBL01

Quant Time: Sep 17 07:16:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.66	168	257099	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.86	114	361396	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	336849	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220232	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	164675	49.68	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.36%				
35) Dibromofluoromethane	5.50	113	154602	46.75	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.50%				
50) Toluene-d8	8.71	98	504466	45.49	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.98%				
62) 4-Bromofluorobenzene	11.14	95	177476	44.83	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.66%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	704	0.21	ug/l		93
5) Bromomethane	1.66	94	1198	Below Cal		#	74
10) Methyl Iodide	2.52	142	1025	4.53	ug/l	#	92
11) Tert butyl alcohol	3.04	59	291	0.37	ug/l	#	72
13) Acrolein	2.30	56	309	0.99	ug/l	#	52
15) Acrylonitrile	3.15	53	672	0.35	ug/l	#	80
16) Acetone	2.44	43	1066	0.66	ug/l		93
17) Carbon Disulfide	2.57	76	2496	0.32	ug/l		99
20) Methylene Chloride	2.86	84	827	0.25	ug/l	#	81
29) Tetrahydrofuran	5.15	42	394	0.25	ug/l	#	91
31) Cyclohexane	5.67	56	4482	0.93	ug/l	#	1
36) 1,1-Dichloropropene	5.67	75	16694	3.80	ug/l	#	49
38) Carbon Tetrachloride	5.65	117	22041	5.14	ug/l	#	15
58) 2-Chloroethyl Vinyl ether	8.32	63	52	7.29	ug/l	#	45
76) 1,2,3-Trichloropropane	11.14	75	83951	18.95	ug/l	#	37
81) trans-1,4-Dichloro-2-buten	11.14	75	83951	60.39	ug/l	#	10
93) 1,2,4-Trichlorobenzene	13.65	180	1603	0.30	ug/l		96
94) Hexachlorobutadiene	13.78	225	566	0.20	ug/l		81
95) Naphthalene	13.83	128	3150	0.21	ug/l		97
96) 1,2,3-Trichlorobenzene	14.02	180	1266	0.23	ug/l		89

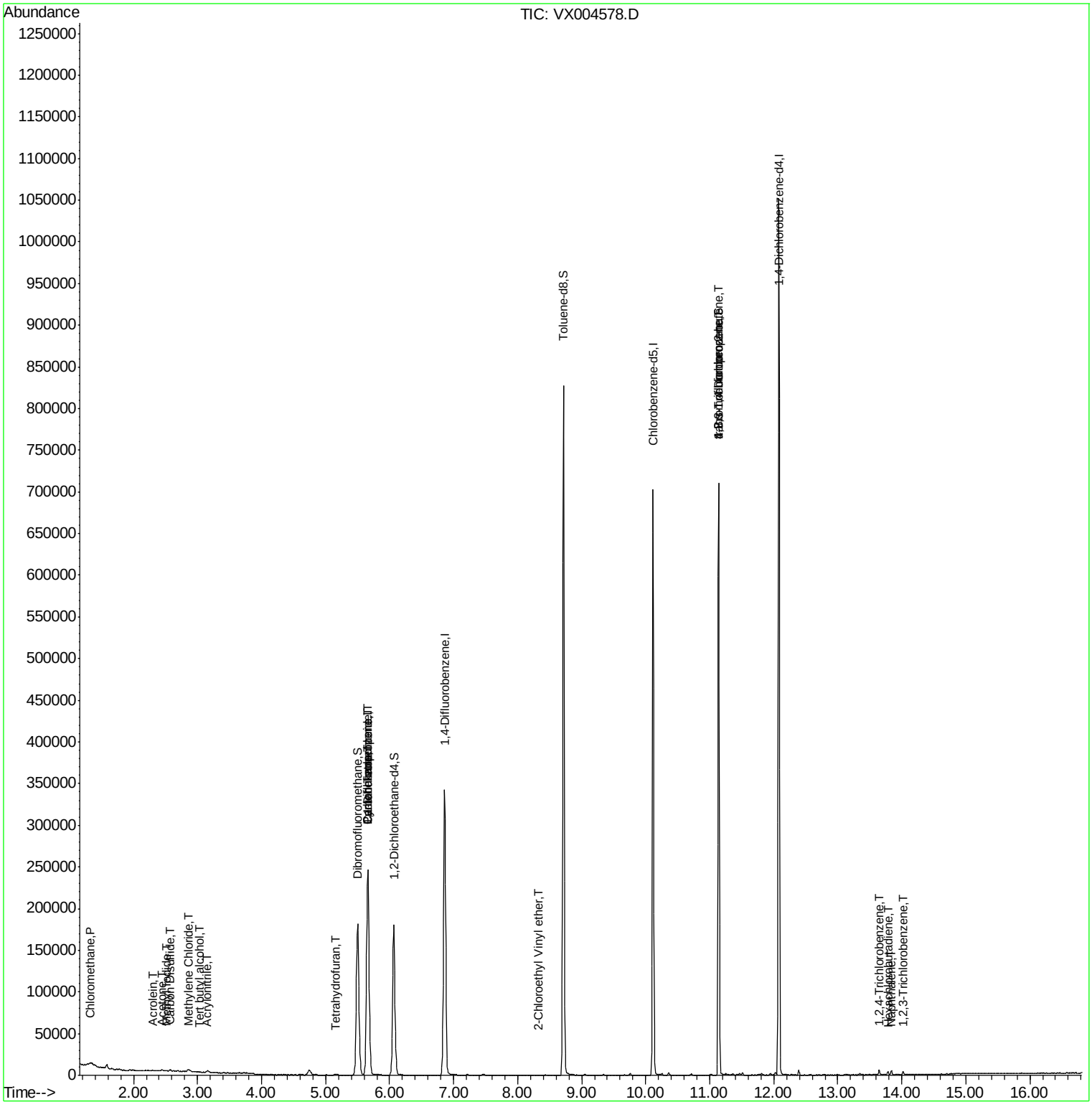
(#) = qualifier out of range (m) = manual integration (+) = signals summed

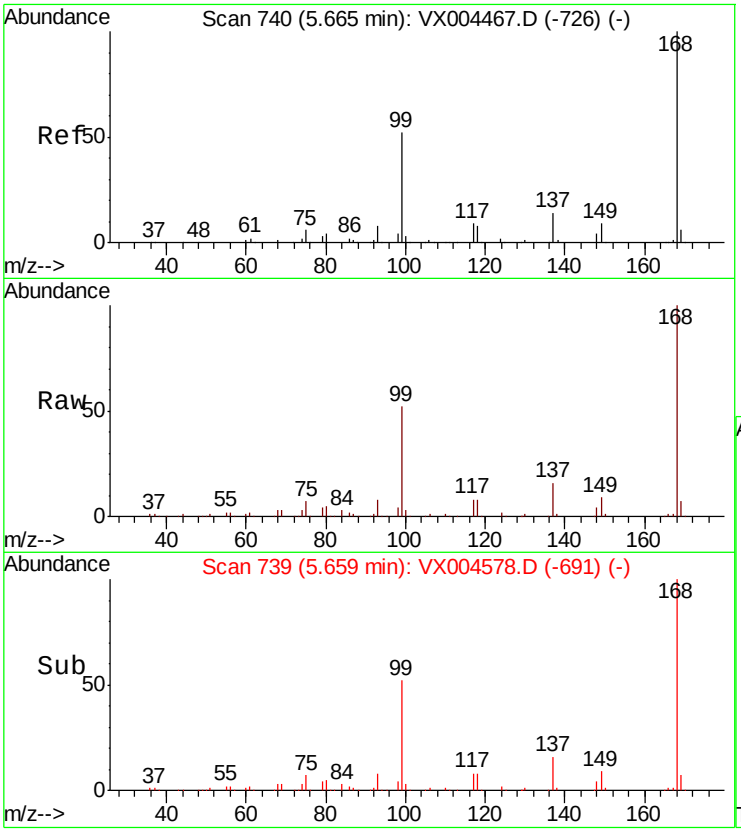
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091518\
Data File : VX004578.D
Acq On : 15 Sep 2018 12:20
Operator : JC/MD
Sample : VX0915WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBL01

Quant Time: Sep 17 07:16:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration



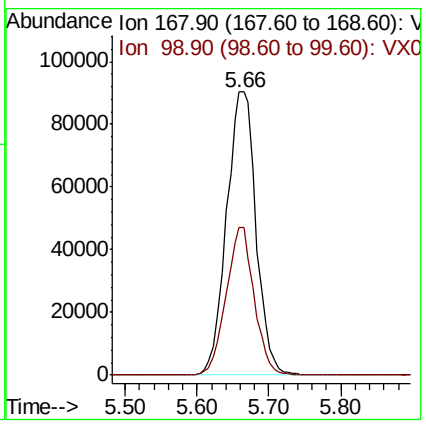


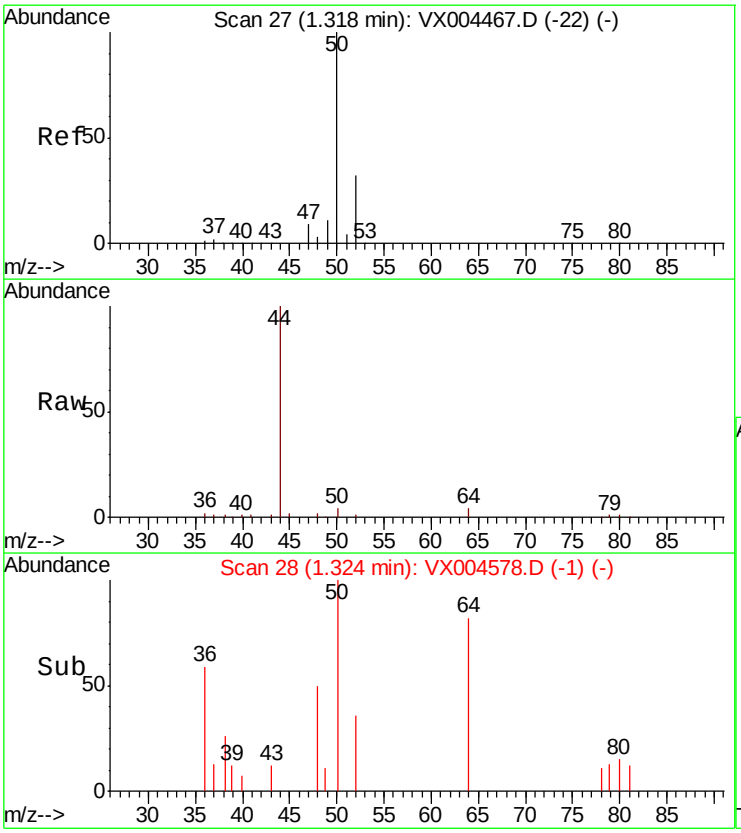
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX004578.D
Acq: 15 Sep 2018 12:20

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBL01

Tgt Ion:168 Resp: 257099

Ion	Ratio	Lower	Upper
168	100		
99	52.2	39.9	59.9

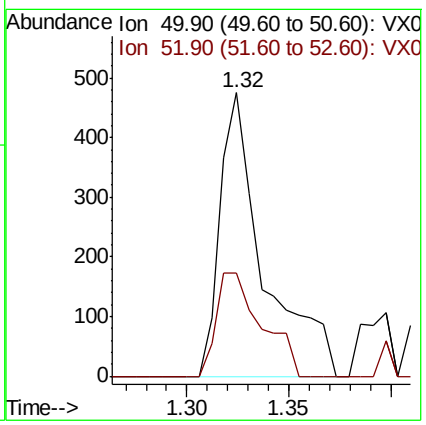


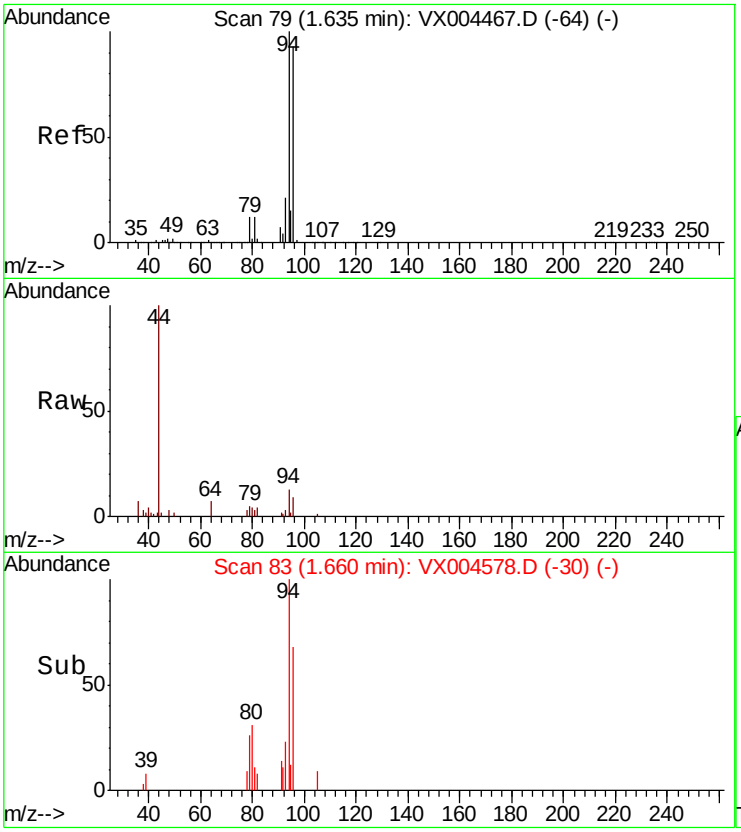


#3
Chloromethane
Concen: 0.21 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.01 min
Lab File: VX004578.D
Acq: 15 Sep 2018 12:20

Tgt Ion: 50 Resp: 704

Ion	Ratio	Lower	Upper
50	100		
52	36.4	26.2	39.2



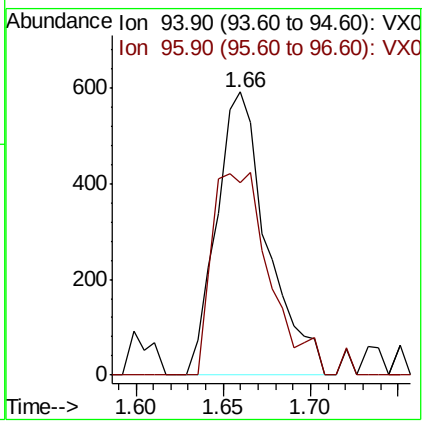


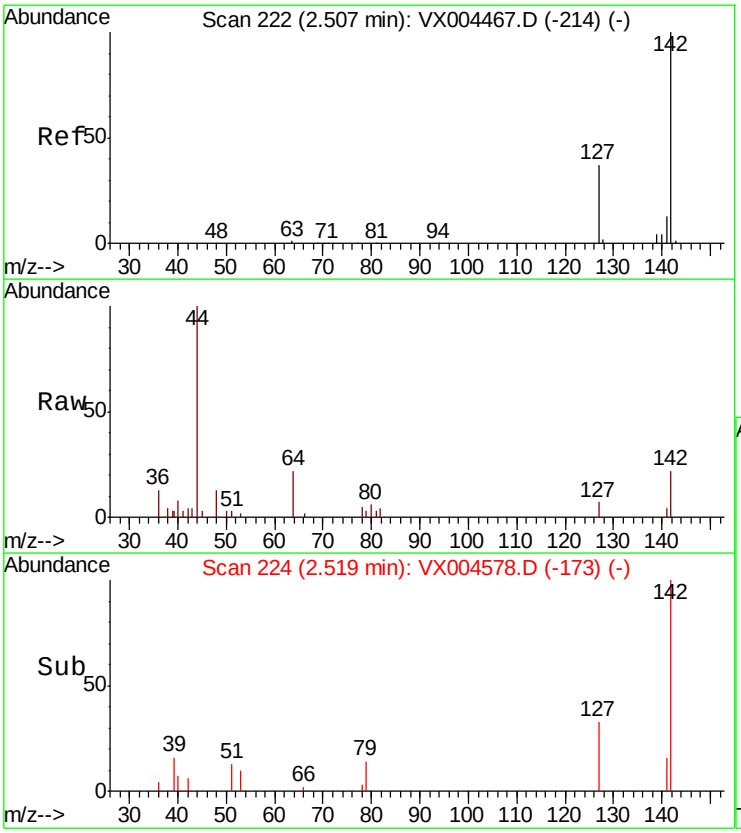
#5
Bromomethane
Concen: Below Cal
RT: 1.66 min Scan# 83
Delta R.T. 0.02 min
Lab File: VX004578.D
Acq: 15 Sep 2018 12:20

Instrument : MSVOA_X
ClientSampleId : VX0915WBL01

Tgt Ion: 94 Resp: 1198

Ion	Ratio	Lower	Upper
94	100		
96	68.1	74.5	111.7#

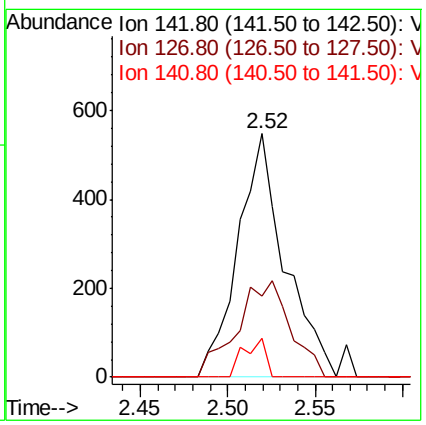


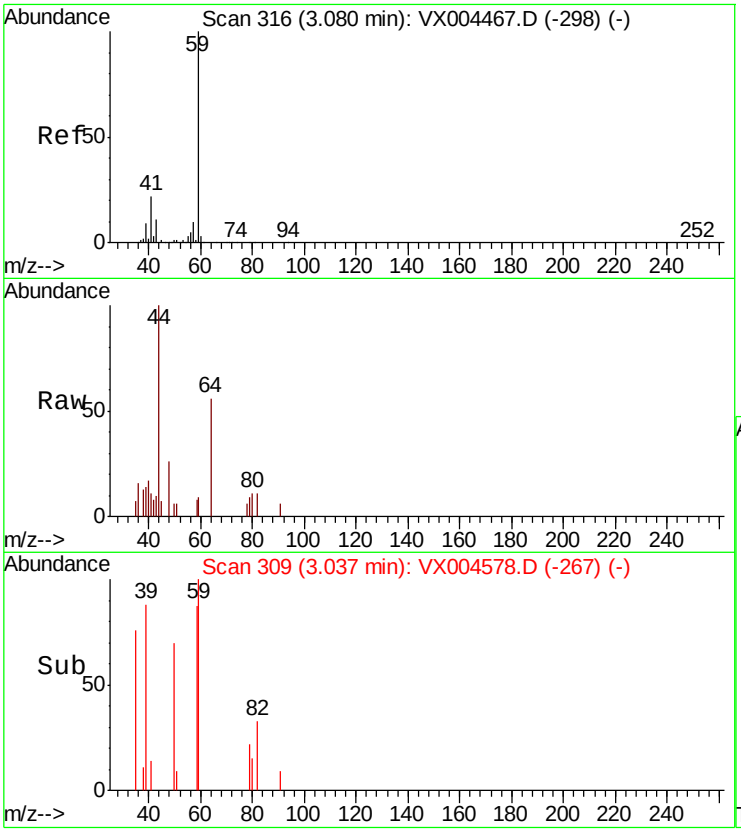


#10
Methyl Iodide
Concen: 4.53 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX004578.D
Acq: 15 Sep 2018 12:20

Tgt Ion:142 Resp: 1025

Ion	Ratio	Lower	Upper
142	100		
127	45.4	33.8	50.6
141	7.4	11.4	17.0#



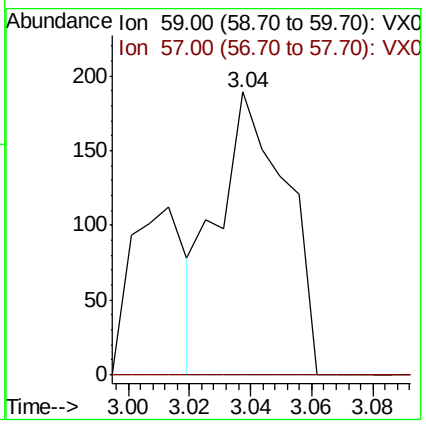


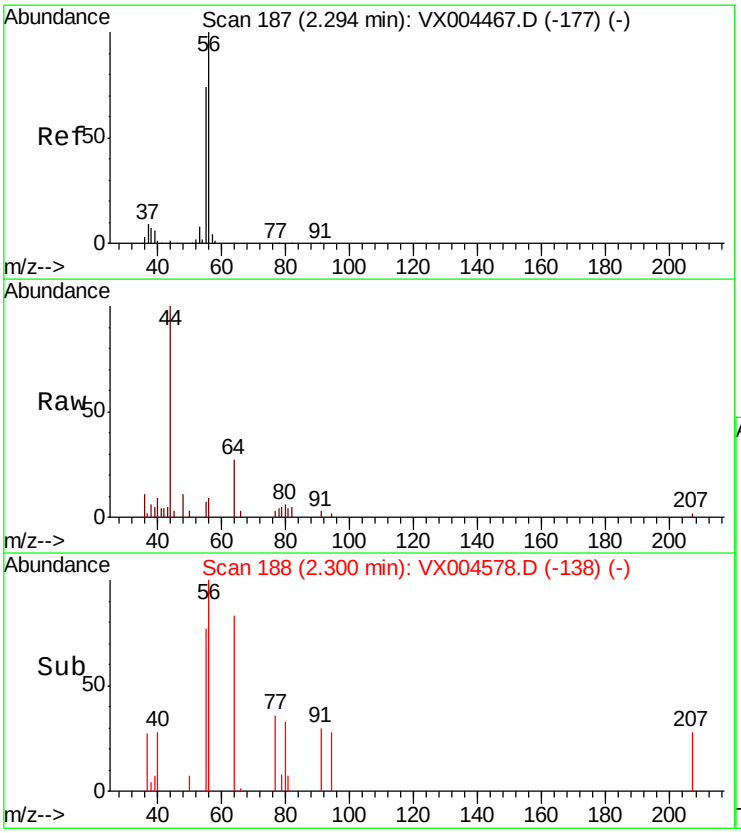
#11
Tert butyl alcohol
Concen: 0.37 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.04 min
Lab File: VX004578.D
Acq: 15 Sep 2018 12:20

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBL01

Tgt Ion: 59 Resp: 291

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#

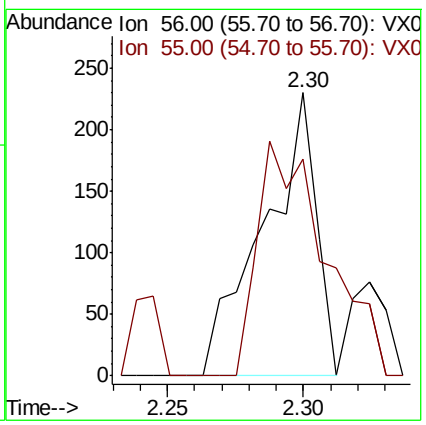


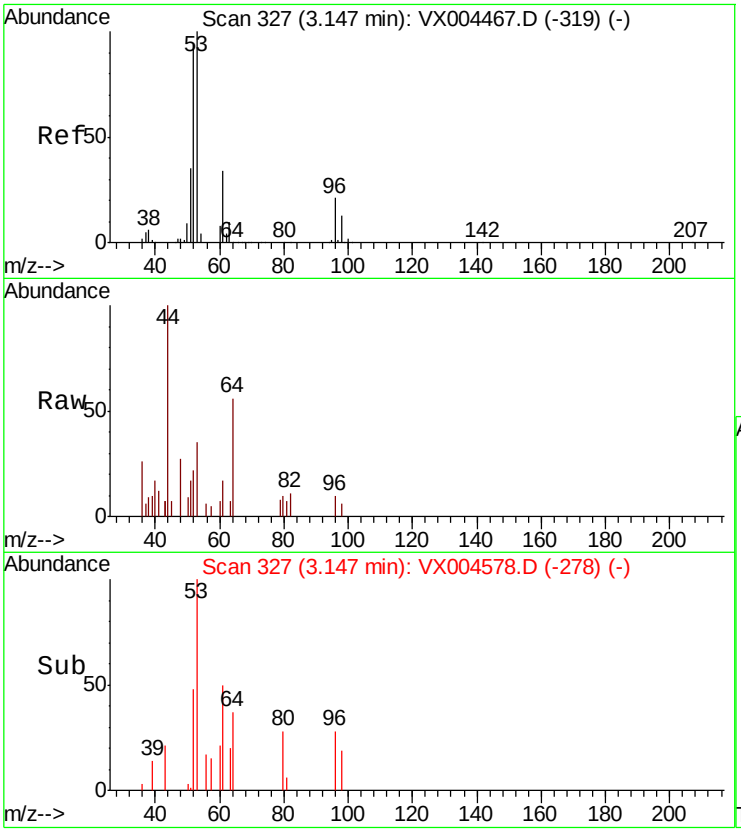


#13
Acrolein
Concen: 0.99 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX004578.D
Acq: 15 Sep 2018 12:20

Tgt Ion: 56 Resp: 309

Ion	Ratio	Lower	Upper
56	100		
55	107.4	54.7	82.1#



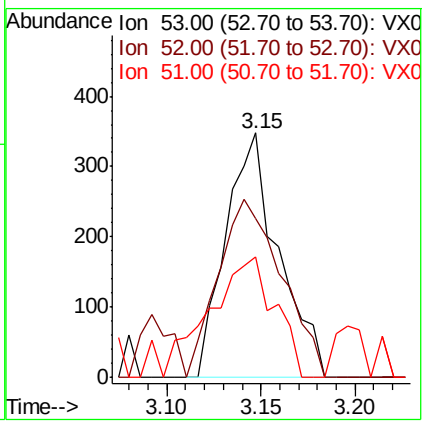


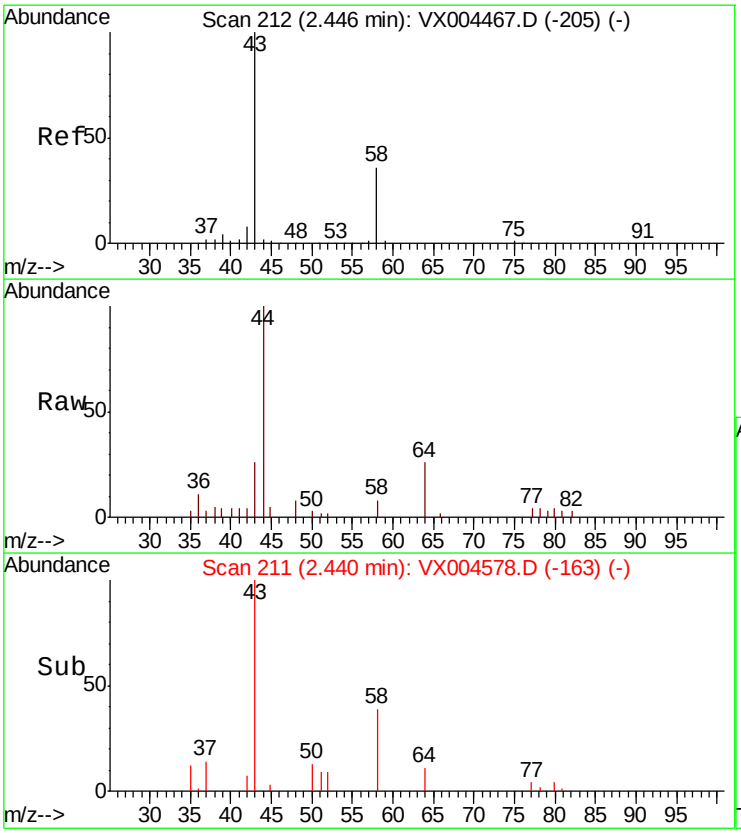
#15
Acrylonitrile
Concen: 0.35 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.00 min
Lab File: VX004578.D
Acq: 15 Sep 2018 12:20

Instrument : MSVOA_X
ClientSampleId : VX0915WBL01

Tgt Ion: 53 Resp: 672

Ion	Ratio	Lower	Upper
53	100		
52	87.9	65.2	97.8
51	63.7	28.2	42.2#

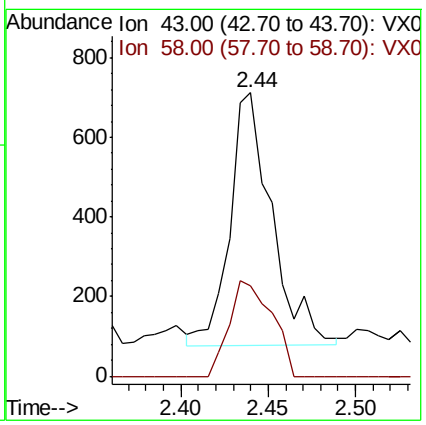


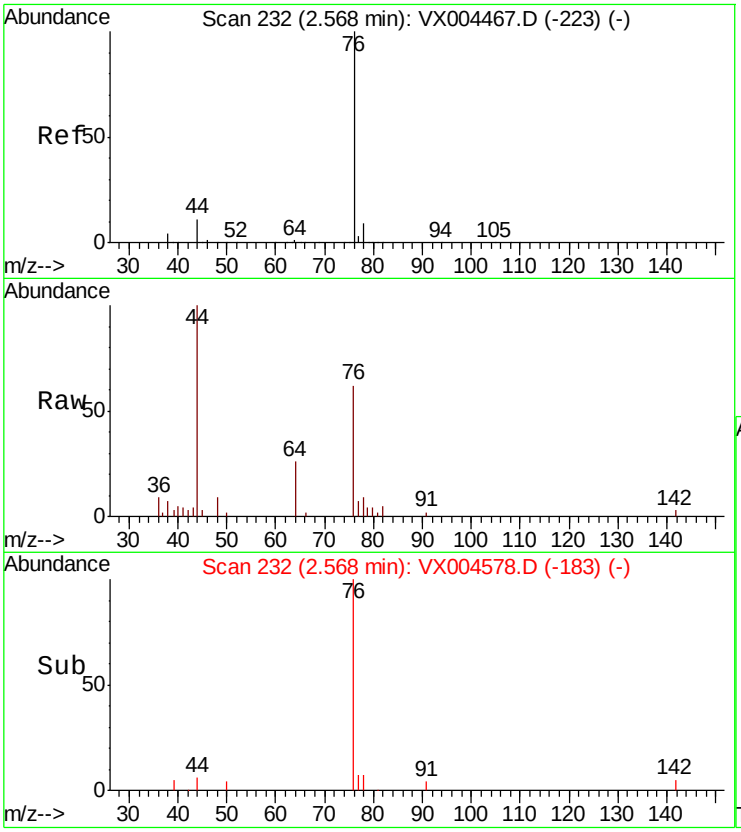


#16
Acetone
Concen: 0.66 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX004578.D
Acq: 15 Sep 2018 12:20

Tgt Ion: 43 Resp: 1066

Ion	Ratio	Lower	Upper
43	100		
58	36.6	26.2	39.4



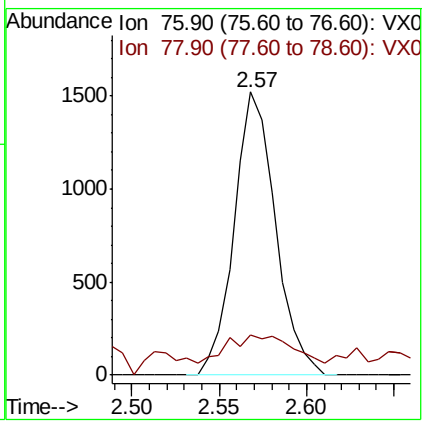


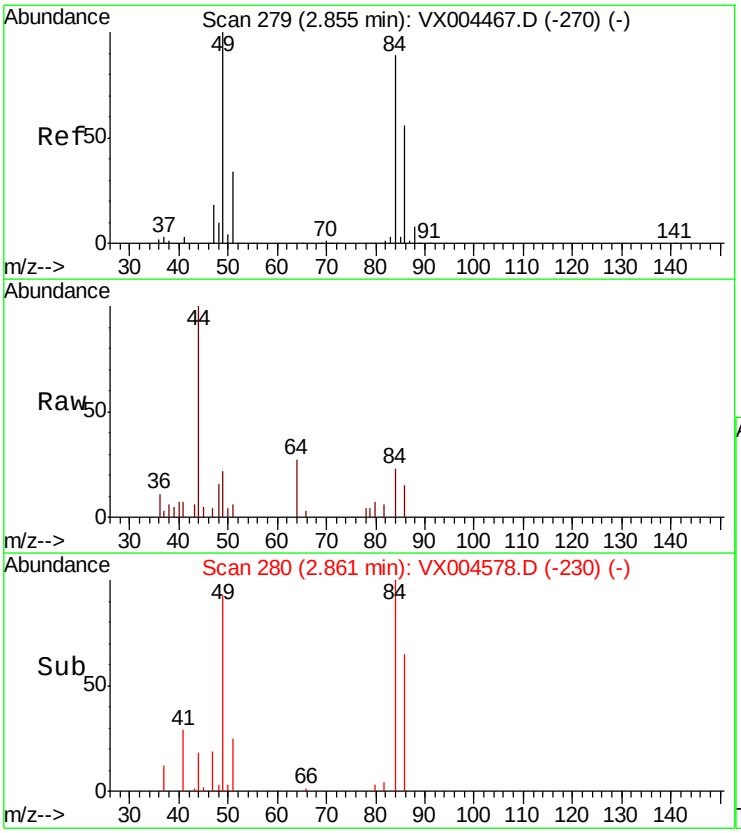
#17
Carbon Disulfide
Concen: 0.32 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004578.D
Acq: 15 Sep 2018 12:20

Instrument : MSVOA_X
ClientSampleId : VX0915WBL01

Tgt Ion: 76 Resp: 2496

Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.0	10.6

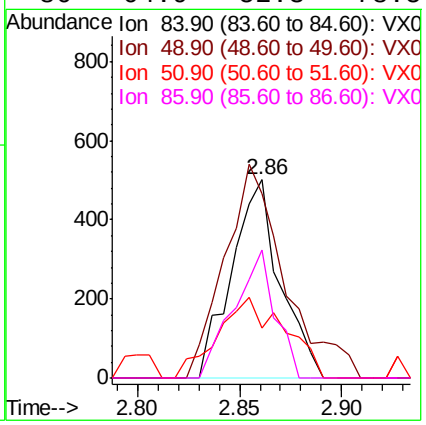


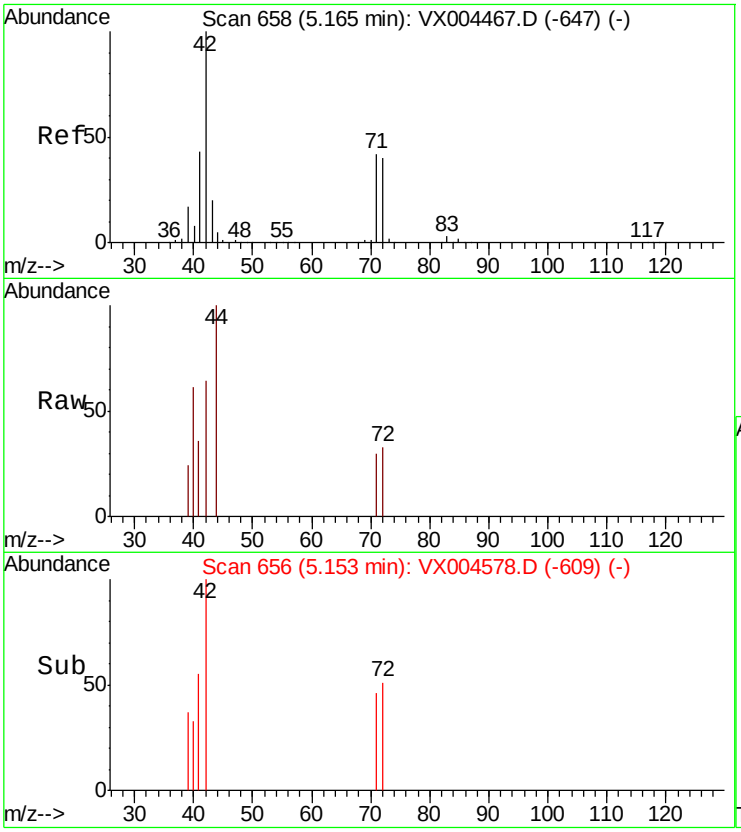


#20
Methylene Chloride
Concen: 0.25 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004578.D
Acq: 15 Sep 2018 12:20

Tgt Ion: 84 Resp: 827

Ion	Ratio	Lower	Upper
84	100		
49	93.2	101.2	151.8#
51	25.3	29.5	44.3#
86	64.9	52.3	78.5



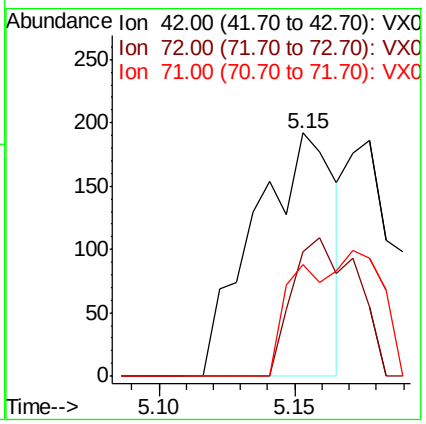


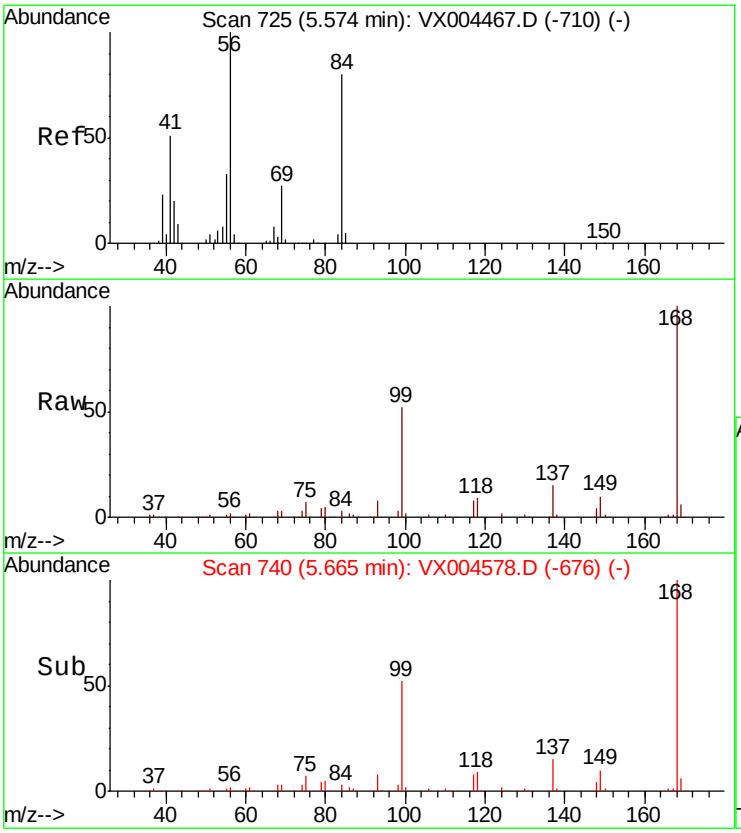
#29
Tetrahydrofuran
Concen: 0.25 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX004578.D
Acq: 15 Sep 2018 12:20

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBL01

Tgt Ion: 42 Resp: 394

Ion	Ratio	Lower	Upper
42	100		
72	45.4	37.4	56.0
71	53.6	34.5	51.7#

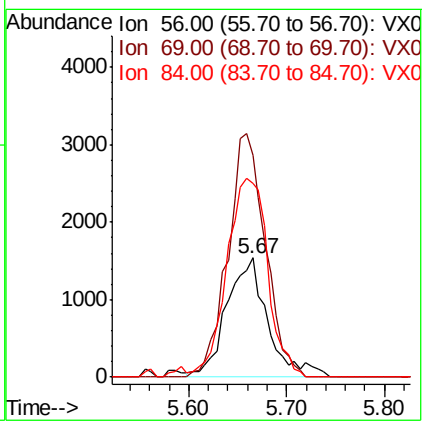


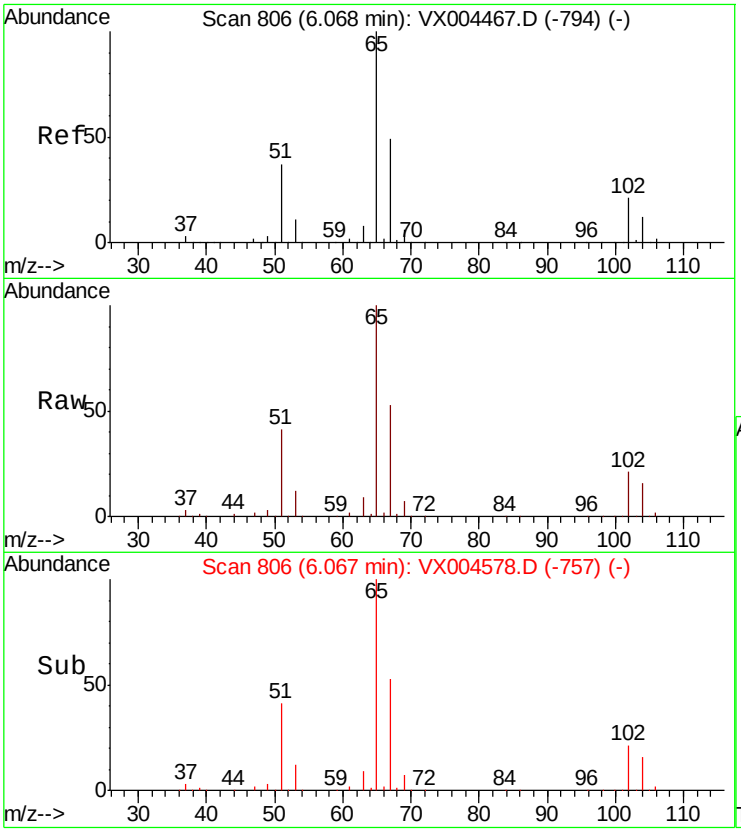


#31
Cyclohexane
Concen: 0.93 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX004578.D
Acq: 15 Sep 2018 12:20

Tgt Ion: 56 Resp: 4482

Ion	Ratio	Lower	Upper
56	100		
69	186.0	25.4	38.2#
84	162.7	71.4	107.2#



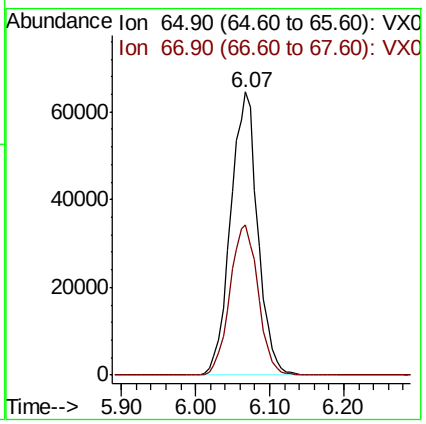


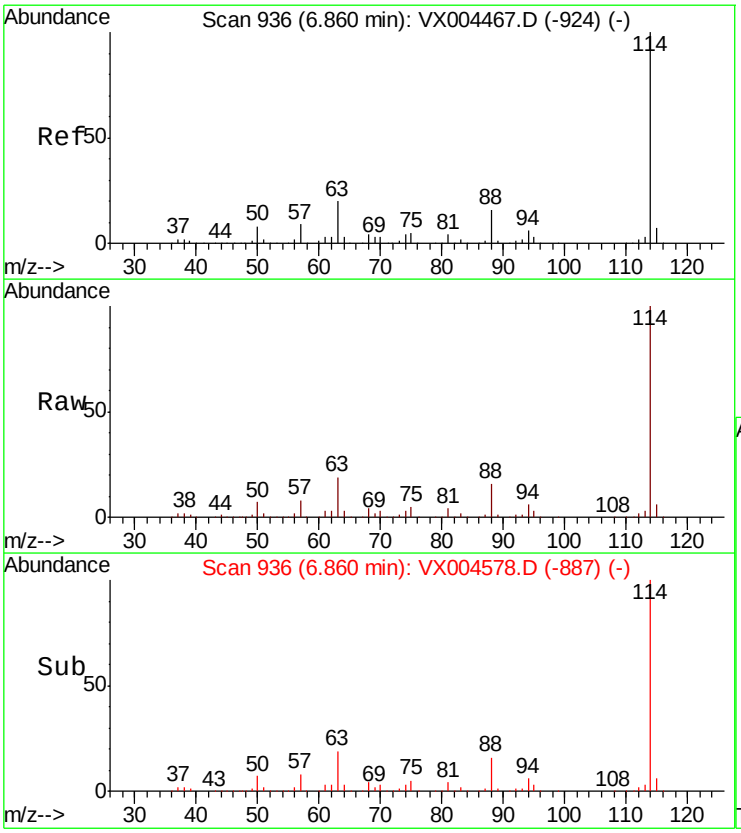
#33
1,2-Dichloroethane-d4
Concen: 49.68 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004578.D
Acq: 15 Sep 2018 12:20

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBL01

Tgt Ion: 65 Resp: 164675

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	106.8

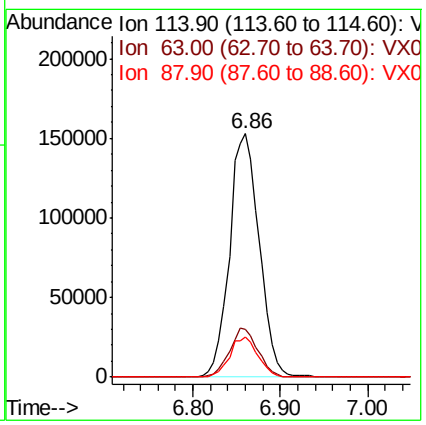


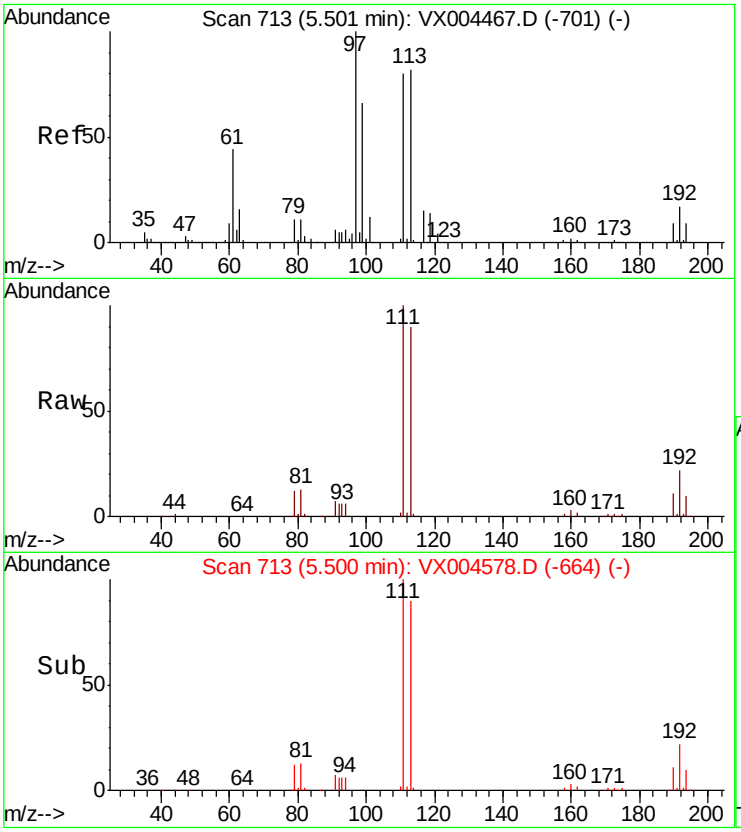


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX004578.D
Acq: 15 Sep 2018 12:20

Tgt Ion:114 Resp: 361396

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.0
88	16.3	0.0	30.4



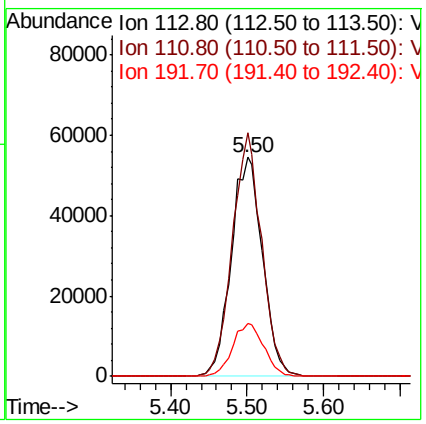


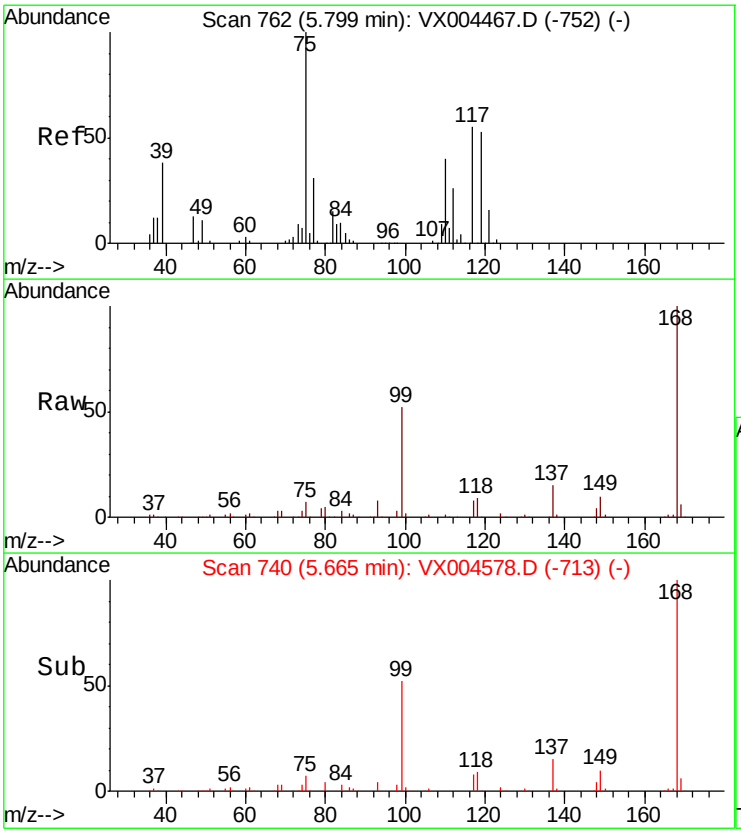
#35
Dibromofluoromethane
Concen: 46.75 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX004578.D
Acq: 15 Sep 2018 12:20

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBL01

Tgt Ion:113 Resp: 154602

Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.4	123.6
192	24.3	19.4	29.2

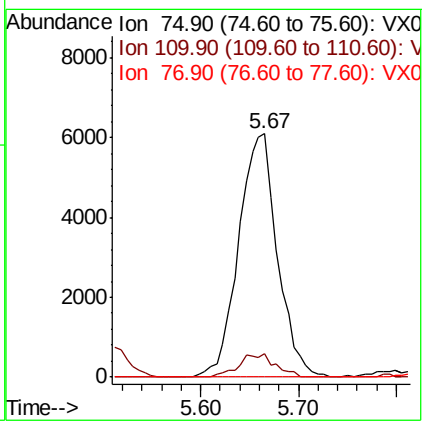


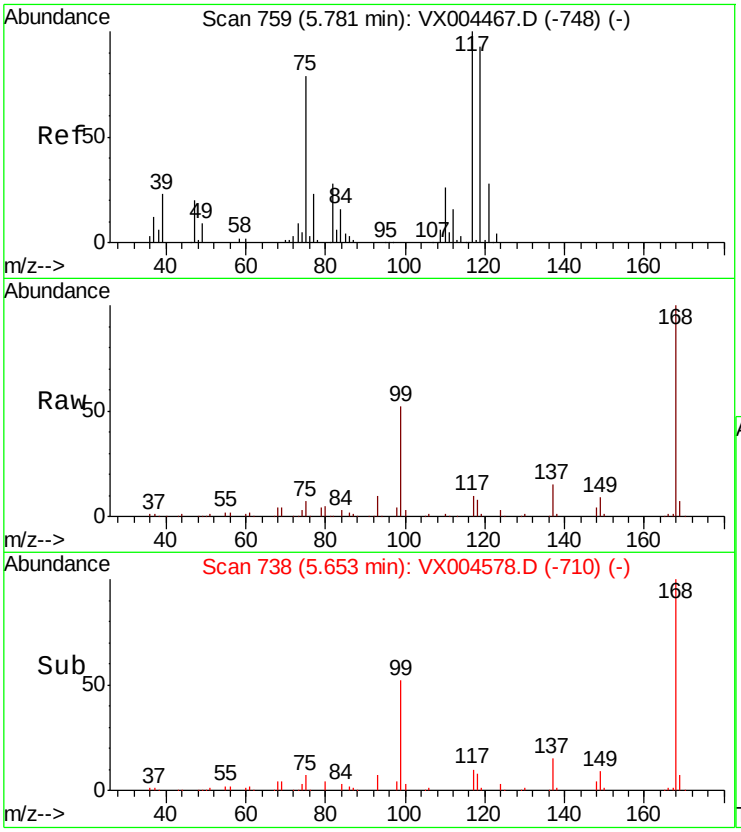


#36
1,1-Dichloropropene
Concen: 3.80 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX004578.D
Acq: 15 Sep 2018 12:20

Tgt Ion: 75 Resp: 16694

Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.0	54.0#
77	0.0	24.6	36.8#



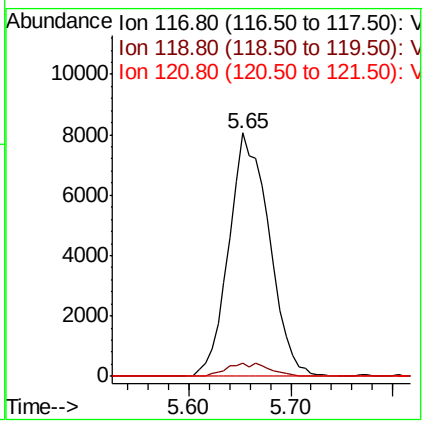


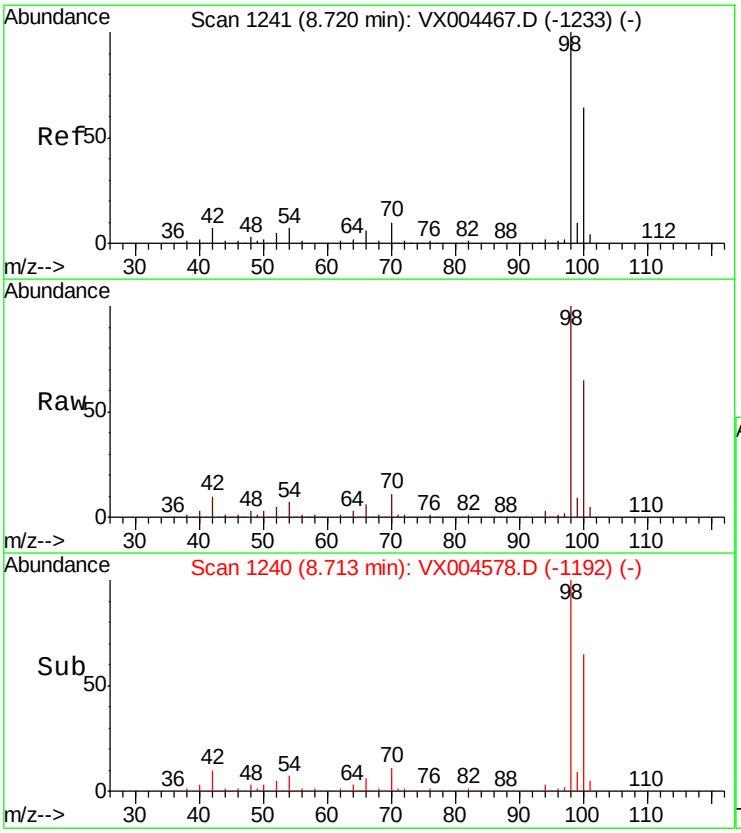
#38
Carbon Tetrachloride
Concen: 5.14 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.13 min
Lab File: VX004578.D
Acq: 15 Sep 2018 12:20

Instrument : MSVOA_X
ClientSampleId : VX0915WBL01

Tgt Ion:117 Resp: 22041

Ion	Ratio	Lower	Upper
117	100		
119	5.6	78.8	118.2#
121	0.0	24.9	37.3#

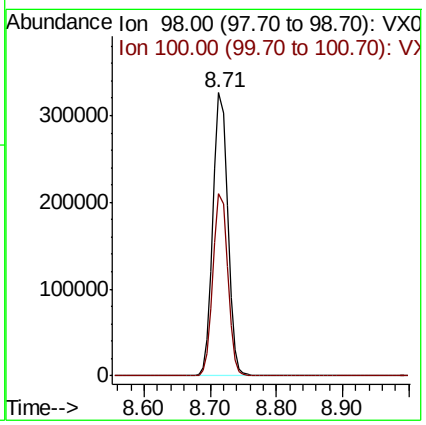


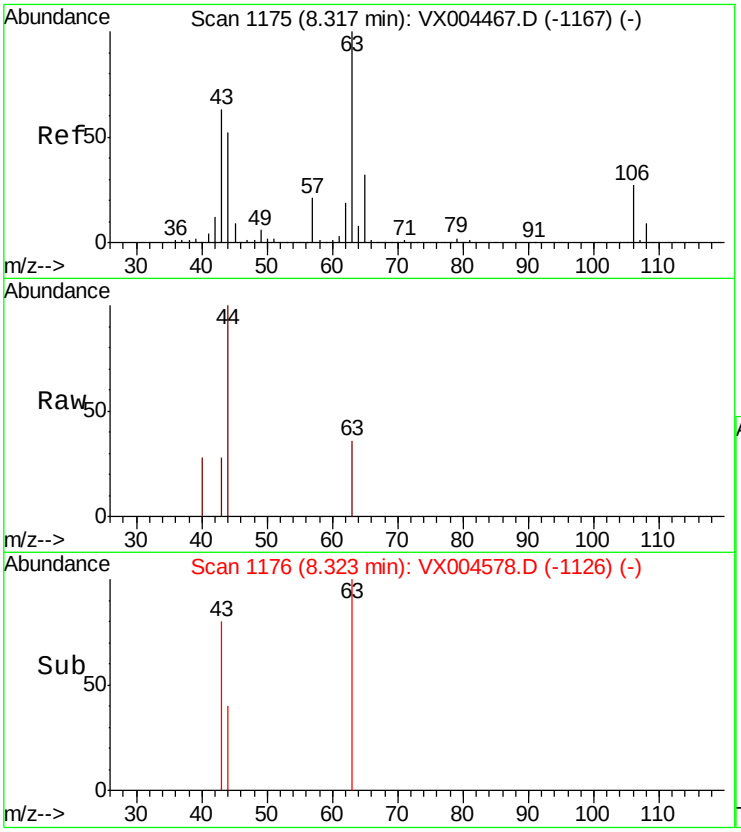


#50
Toluene-d8
Concen: 45.49 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004578.D
Acq: 15 Sep 2018 12:20

Tgt Ion: 98 Resp: 504466

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.9	79.3



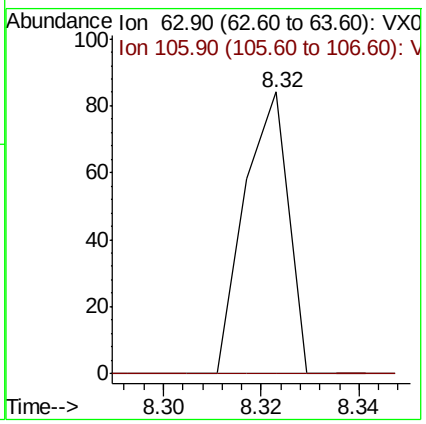


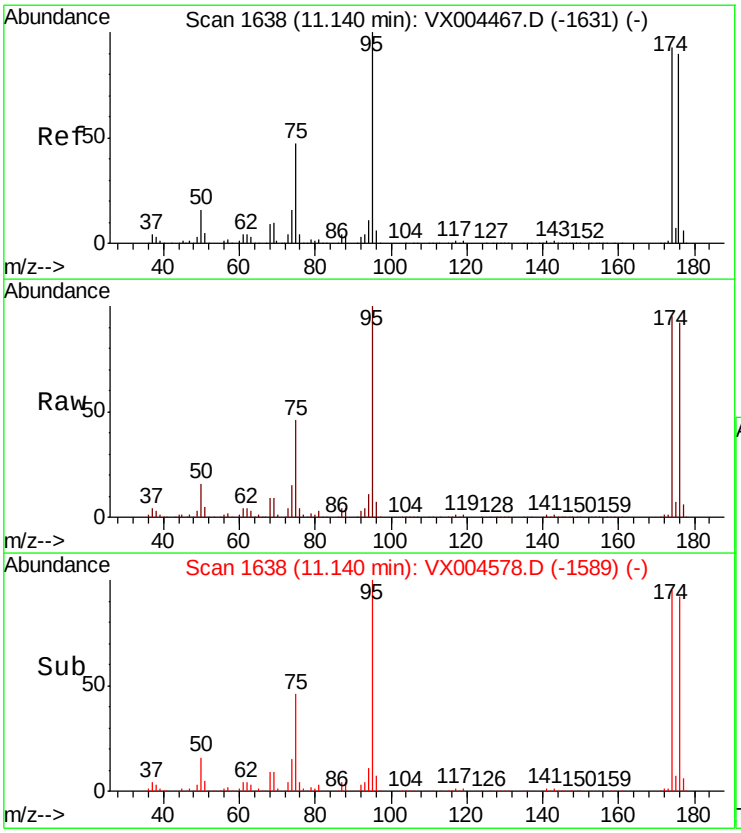
#58
2-Chloroethyl Vinyl ether
Concen: 7.29 ug/l
RT: 8.32 min Scan# 1176
Delta R.T. 0.01 min
Lab File: VX004578.D
Acq: 15 Sep 2018 12:20

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBL01

Tgt Ion: 63 Resp: 52

Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.9	35.9#

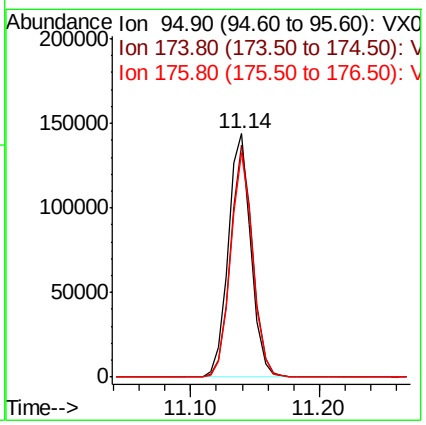


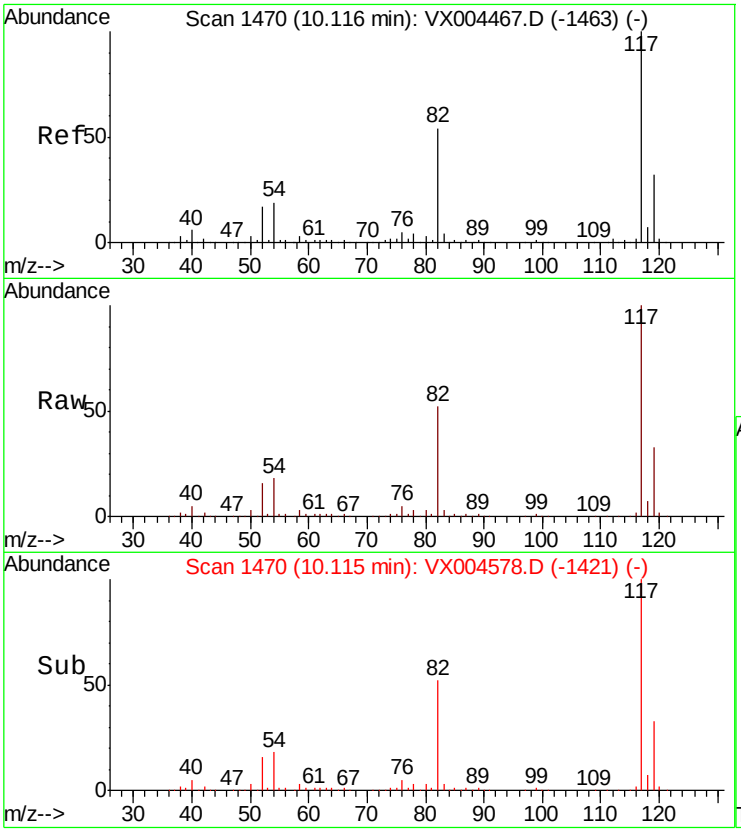


#62
4-Bromofluorobenzene
Concen: 44.83 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004578.D
Acq: 15 Sep 2018 12:20

Tgt Ion: 95 Resp: 177476

Ion	Ratio	Lower	Upper
95	100		
174	93.5	0.0	185.2
176	90.0	0.0	178.6



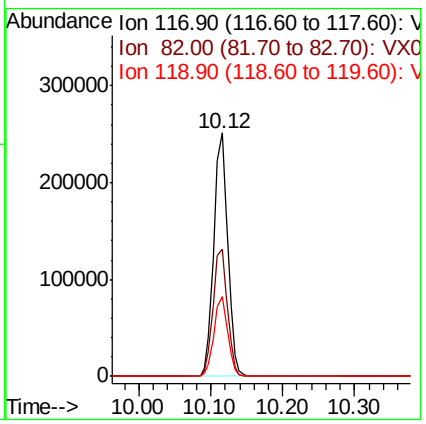


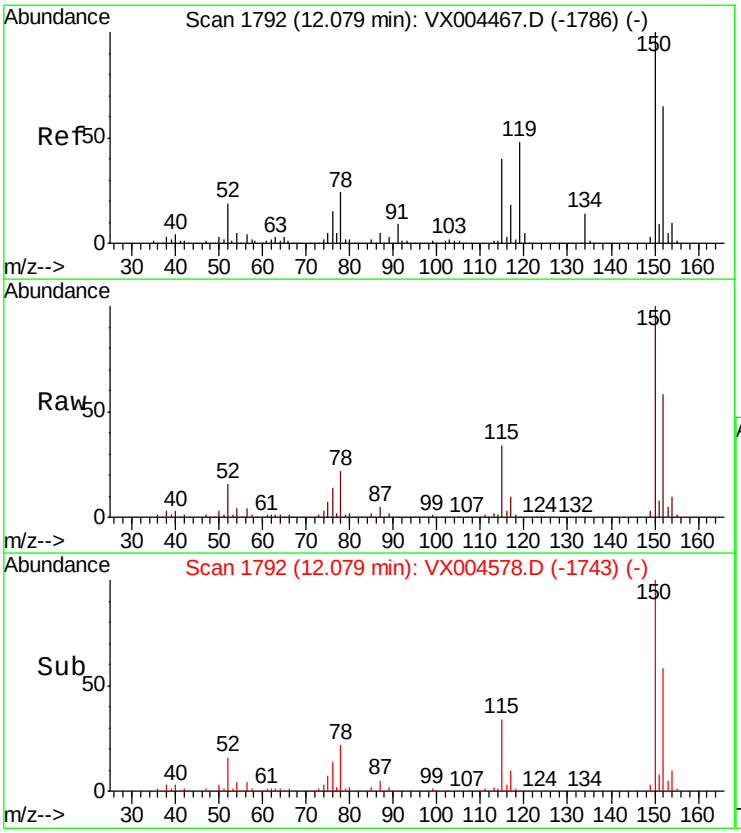
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004578.D
Acq: 15 Sep 2018 12:20

Instrument : MSVOA_X
ClientSampleId : VX0915WBL01

Tgt Ion:117 Resp: 336849

Ion	Ratio	Lower	Upper
117	100		
82	52.1	47.8	71.6
119	32.6	29.3	43.9

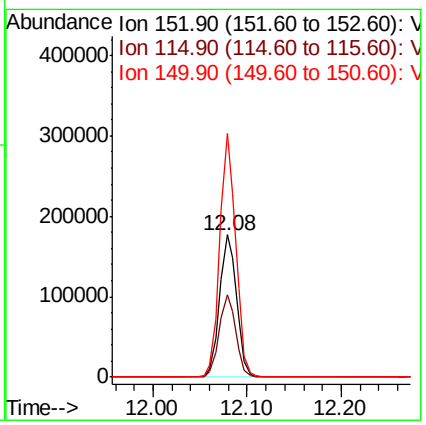


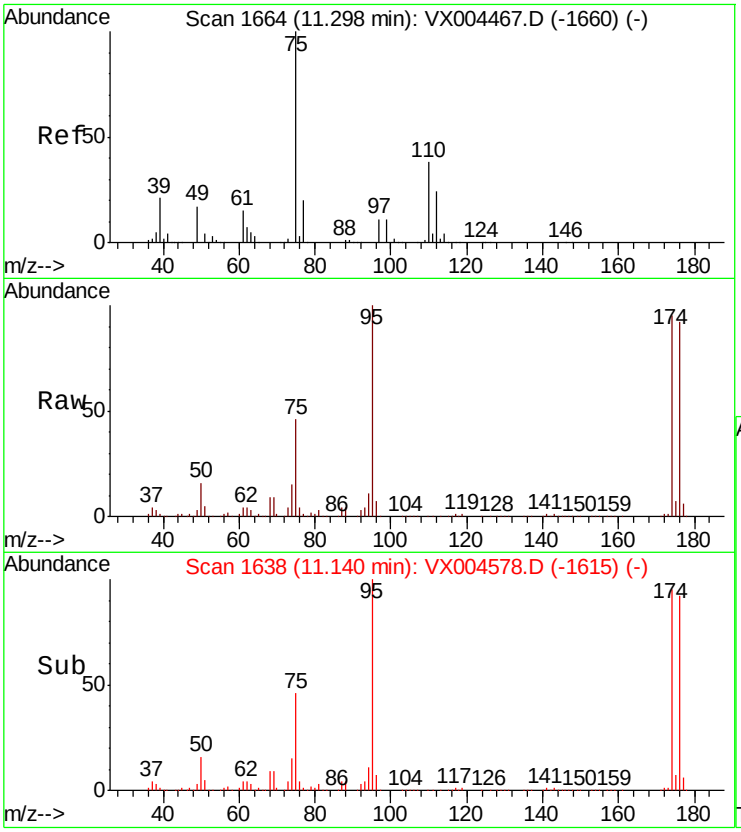


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004578.D
Acq: 15 Sep 2018 12:20

Tgt Ion:152 Resp: 220232

Ion	Ratio	Lower	Upper
152	100		
115	56.7	39.0	117.0
150	161.9	0.0	351.0



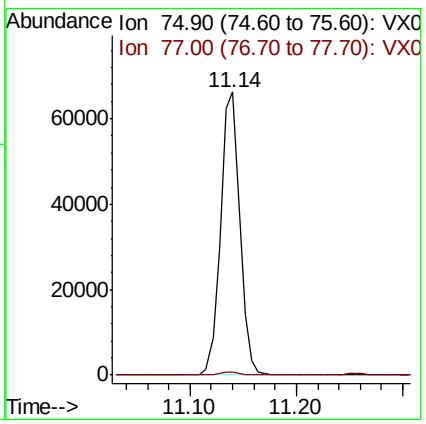


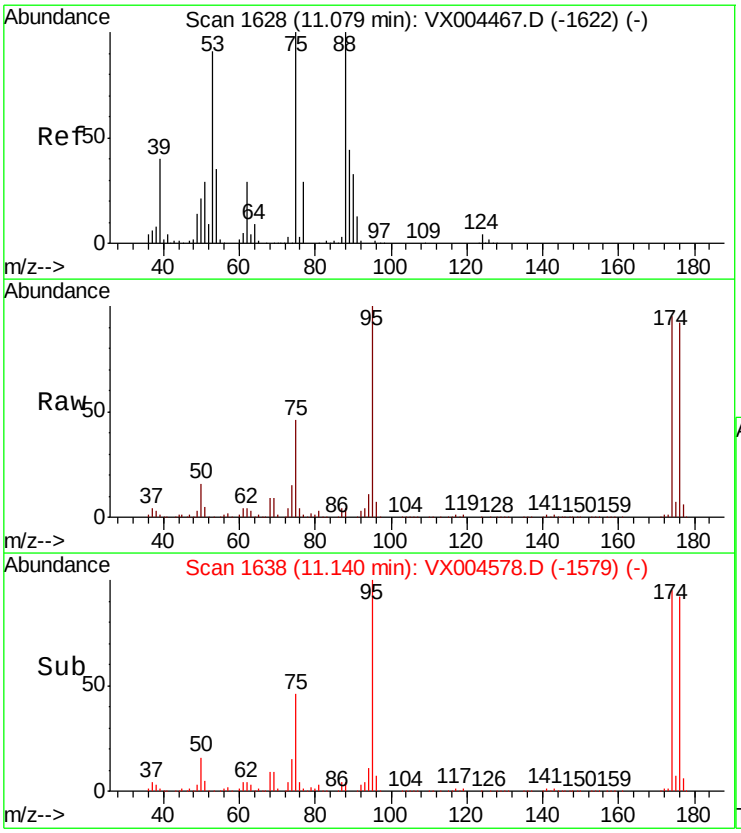
#76
1,2,3-Trichloropropane
Concen: 18.95 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004578.D
Acq: 15 Sep 2018 12:20

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBL01

Tgt Ion: 75 Resp: 83951

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.2	60.6#

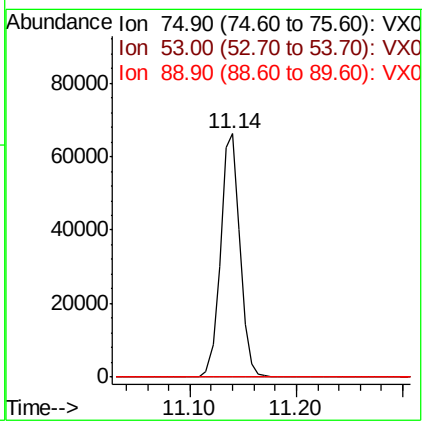


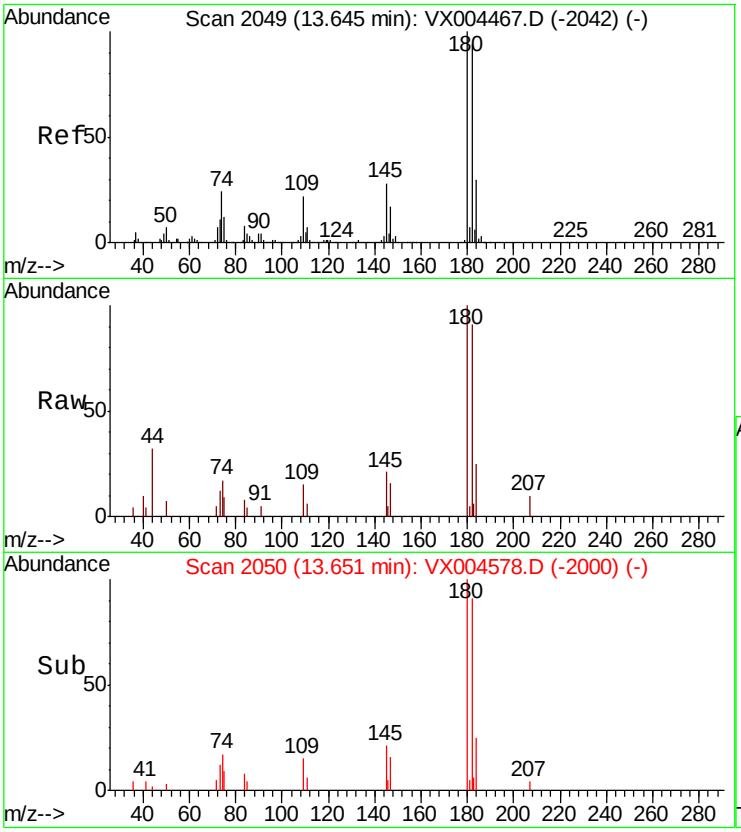


#81
trans-1,4-Dichloro-2-butene
Concen: 60.39 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX004578.D
Acq: 15 Sep 2018 12:20

Tgt Ion: 75 Resp: 83951

Ion	Ratio	Lower	Upper
75	100		
53	0.1	80.1	120.1#
89	0.0	37.2	55.8#



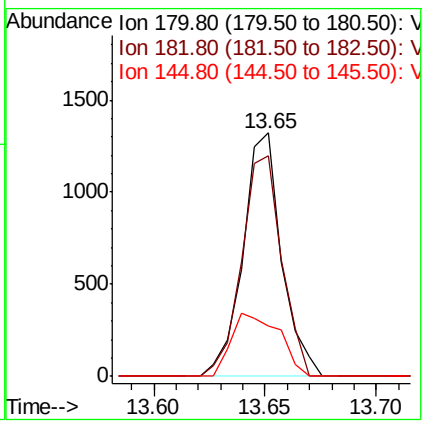


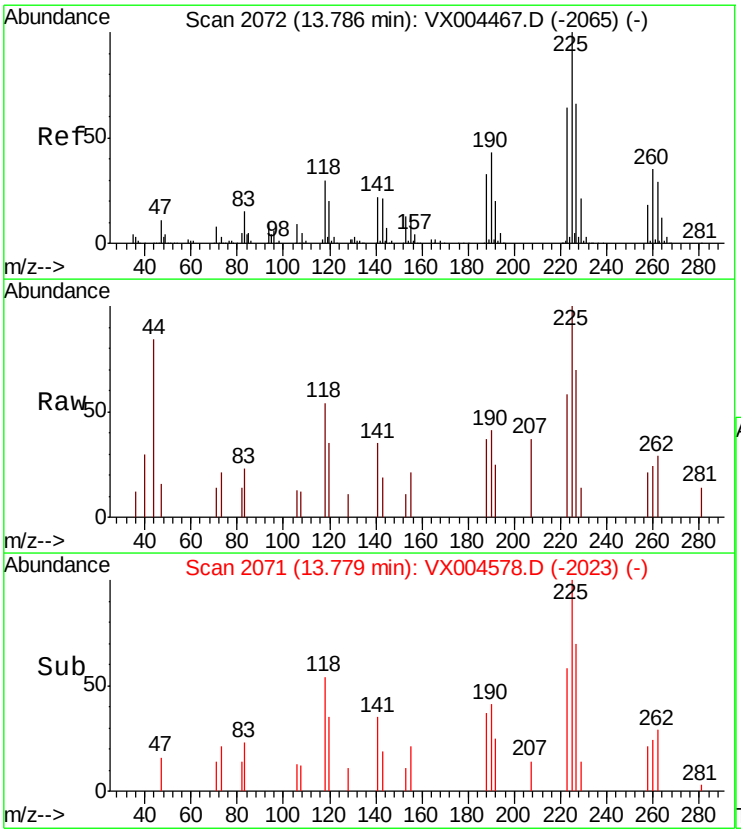
#93
1,2,4-Trichlorobenzene
Concen: 0.30 ug/l
RT: 13.65 min Scan# 2050
Delta R.T. 0.01 min
Lab File: VX004578.D
Acq: 15 Sep 2018 12:20

Instrument : MSVOA_X
ClientSampleId : VX0915WBL01

Tgt Ion:180 Resp: 1603

Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.4	145.0
145	31.8	14.3	42.9

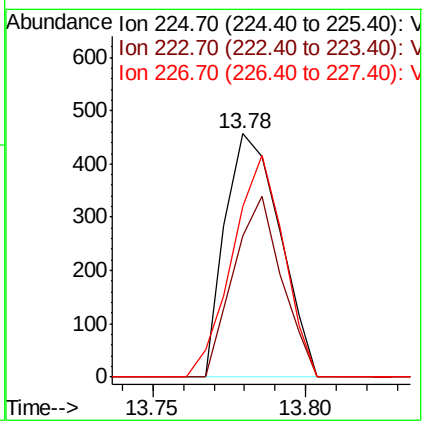


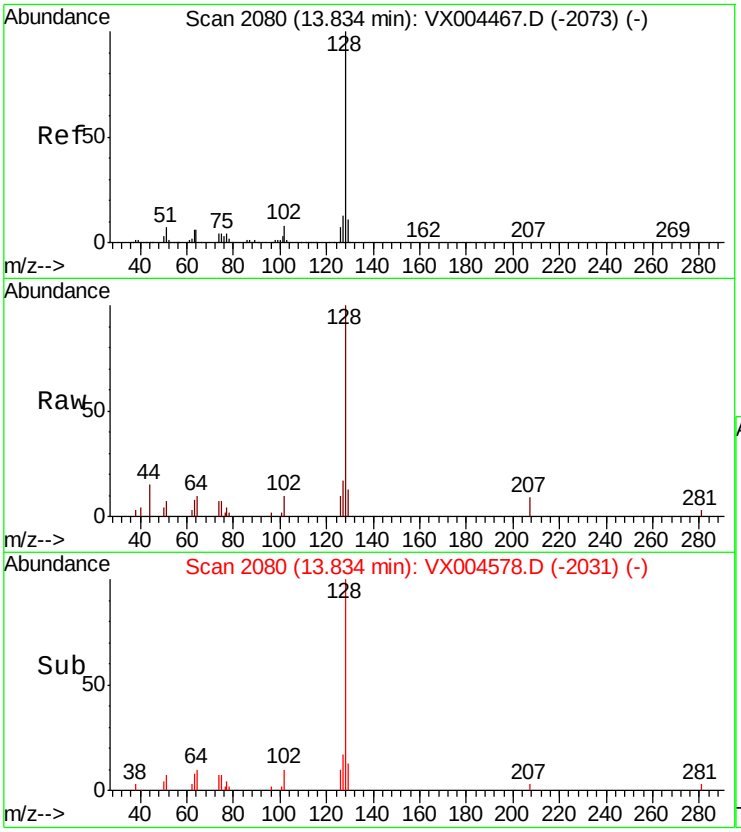


#94
Hexachlorobutadiene
Concen: 0.20 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.01 min
Lab File: VX004578.D
Acq: 15 Sep 2018 12:20

Tgt Ion:225 Resp: 566

Ion	Ratio	Lower	Upper
225	100		
223	65.2	30.1	90.5
227	85.3	30.8	92.4



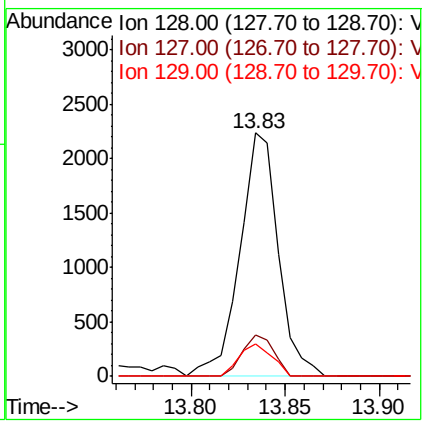


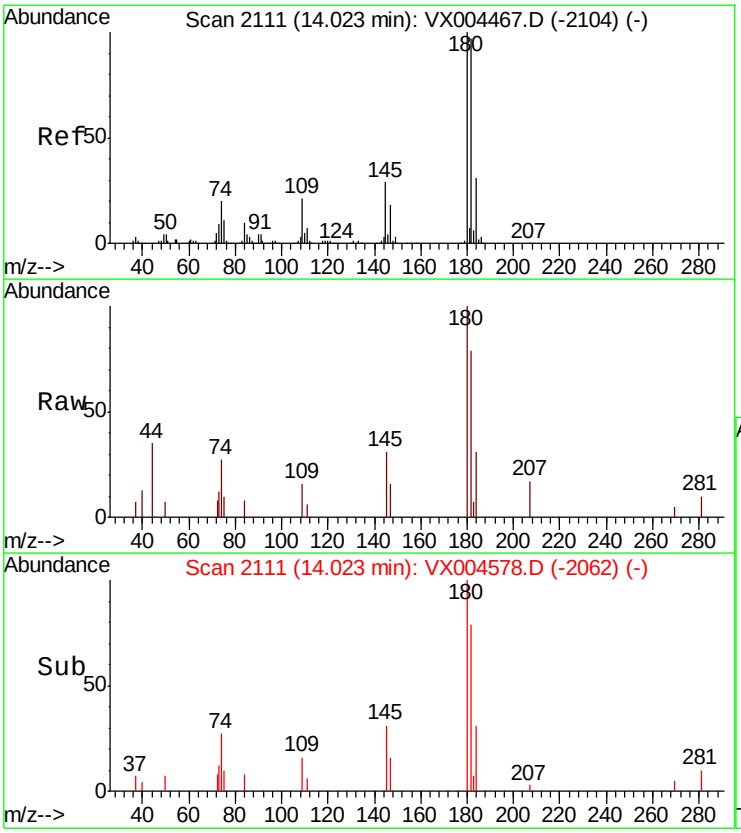
#95
Naphthalene
Concen: 0.21 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004578.D
Acq: 15 Sep 2018 12:20

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBL01

Tgt Ion:128 Resp: 3150

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.2	15.2
129	11.5	8.6	12.8





#96
1,2,3-Trichlorobenzene
Concen: 0.23 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004578.D
Acq: 15 Sep 2018 12:20

Tgt Ion:180 Resp: 1266

Ion	Ratio	Lower	Upper
180	100		
182	85.5	48.5	145.6
145	25.4	14.9	44.9