Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092718\
Data File : VX004780.D
Acq On : 27 Sep 2018 17:57
Operator : JC/MD
Sample : J5048-12 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-144-SEP18

Quant Time: Sep 28 05:52:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	236310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	376475	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	364008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199549	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	177807	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.34%			
35) Dibromofluoromethane	5.50	113	148484	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.08%			
50) Toluene-d8	8.71	98	541999	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.20%			
62) 4-Bromofluorobenzene	11.14	95	193281	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.16%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.40	62	55808	15.222	ug/l	96
6) Chloroethane	1.89	64	1280	Below Cal	#	47
11) Tert butyl alcohol	3.02	59	6272	6.645	ug/l #	81
12) 1,1-Dichloroethene	2.37	96	2199	0.859	ug/l	99
16) Acetone	2.45	43	8459	4.292	ug/l	90
20) Methylene Chloride	2.85	84	818	Below Cal		87
21) trans-1,2-Dichloroethene	3.17	96	710	0.253	ug/l #	82
24) 1,1-Dichloroethane	3.70	63	4177	0.744	ug/l	97
25) 2-Butanone	4.71	43	675	0.232	ug/l #	47
27) cis-1,2-Dichloroethene	4.60	96	212796	67.959	ug/l	95
29) Tetrahydrofuran	5.17	42	843	0.467	ug/l #	62
31) Cyclohexane	5.67	56	4406	1.026	ug/l #	3
36) 1,1-Dichloropropene	5.66	75	16635	3.821	ug/l #	49
38) Carbon Tetrachloride	5.67	117	21469	4.692	ug/l #	16
44) Trichloroethene	7.21	130	82768	24.704	ug/l	89
58) 2-Chloroethyl Vinyl ether	8.29	63	20	14.249	ug/l #	45
60) Dibromochloromethane	9.34	129	1936	0.590	ug/l #	11
64) Tetrachloroethene	9.34	164	2295	0.641	ug/l	91
70) Styrene	10.72	104	20	2.142	ug/l #	34
74) N-amyl acetate	10.91	43	56	1.756	ug/l #	40
76) 1,2,3-Trichloropropane	11.14	75	96140	21.495	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.51	105	117	Below Cal	#	27
81) trans-1,4-Dichloro-2-buten	11.14	75	96140	58.283	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	188	Below Cal	#	49
95) Naphthalene	13.84	128	319	0.738	ug/l #	70

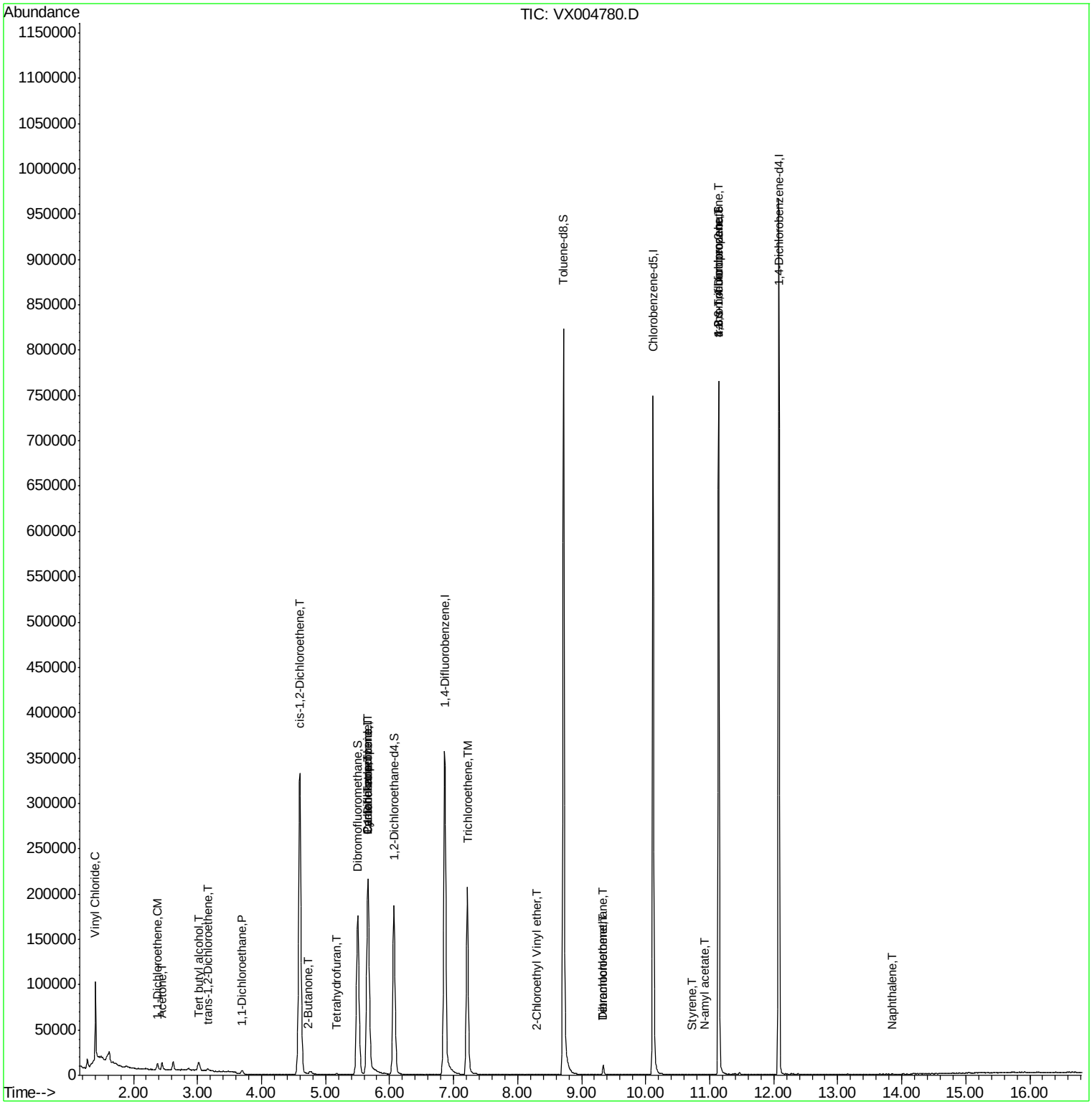
(#) = qualifier out of range (m) = manual integration (+) = signals summed

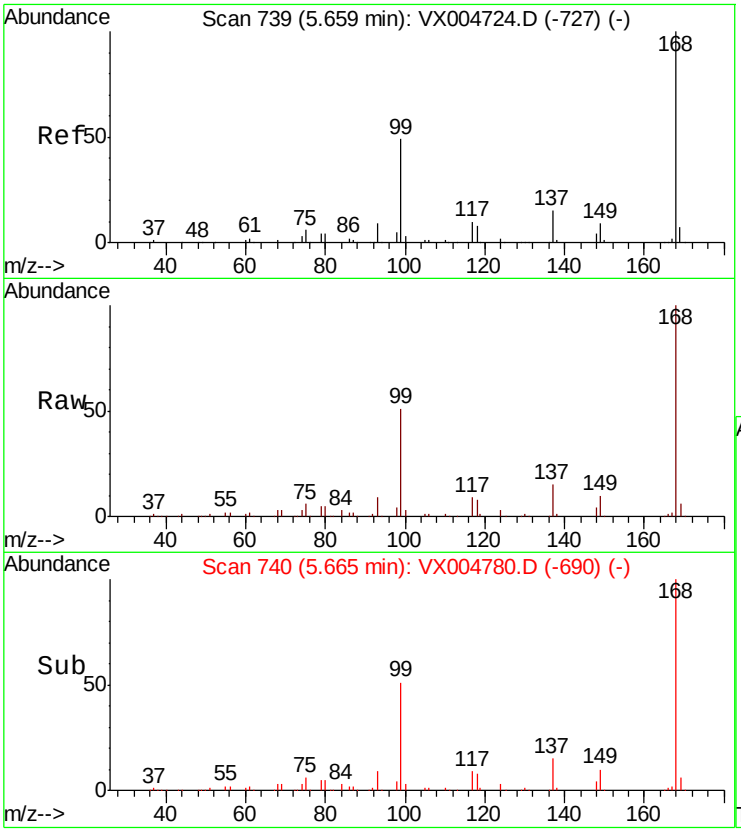
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
Data File : VX004780.D
Acq On : 27 Sep 2018 17:57
Operator : JC/MD
Sample : J5048-12 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-144-SEP18

Quant Time: Sep 28 05:52:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration



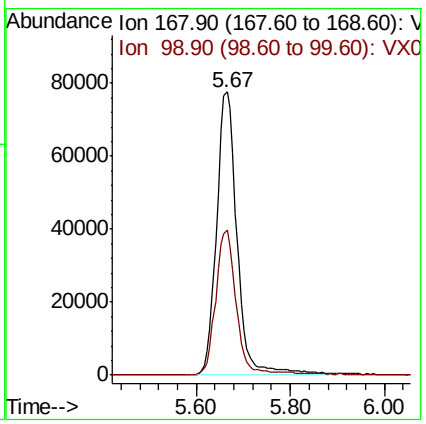


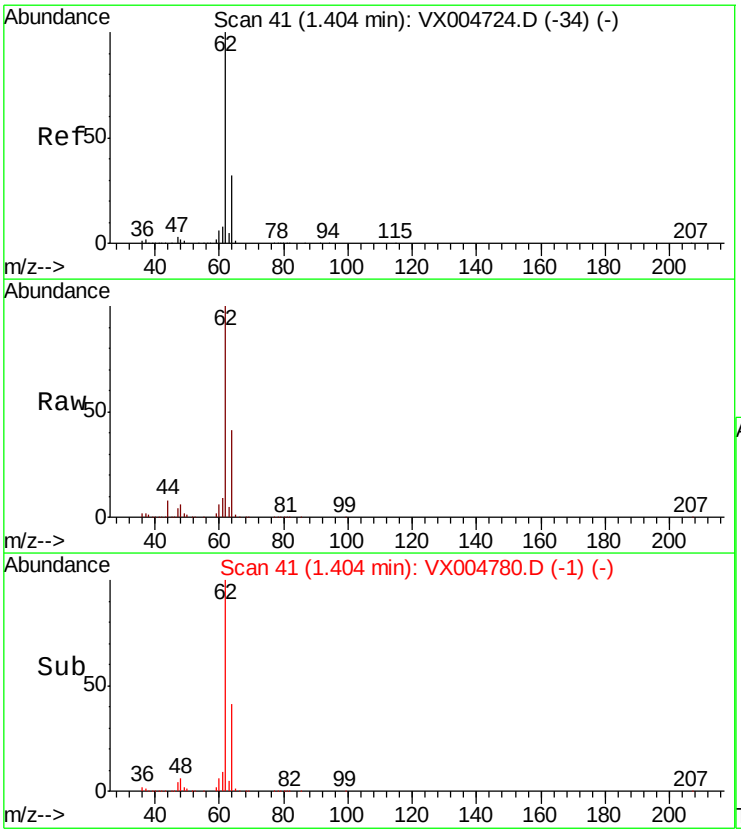
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
MW-144-SEP18

Tgt Ion:168 Resp: 236310

Ion	Ratio	Lower	Upper
168	100		
99	51.1	39.9	59.9

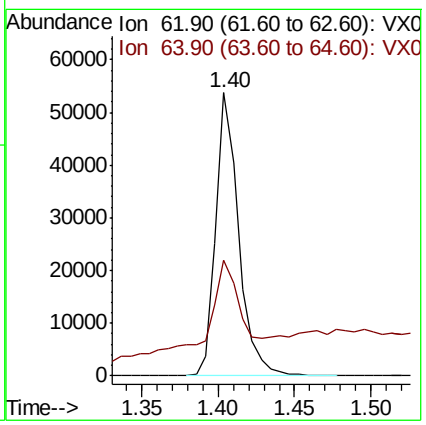


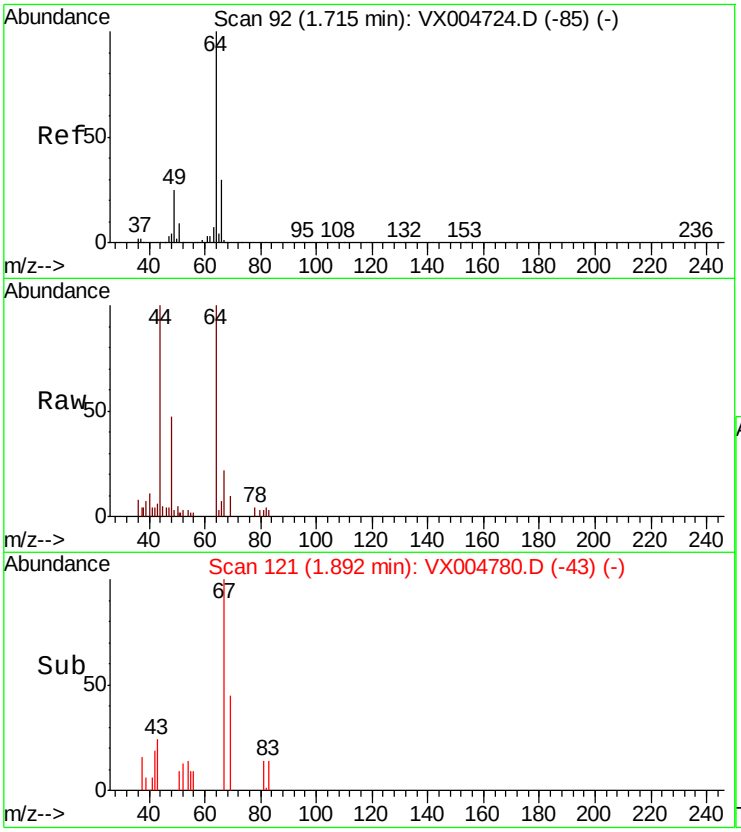


#4
Vinyl Chloride
Concen: 15.222 ug/l
RT: 1.40 min Scan# 41
Delta R.T. 0.00 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Tgt Ion: 62 Resp: 55808

Ion	Ratio	Lower	Upper
62	100		
64	30.0	25.8	38.8



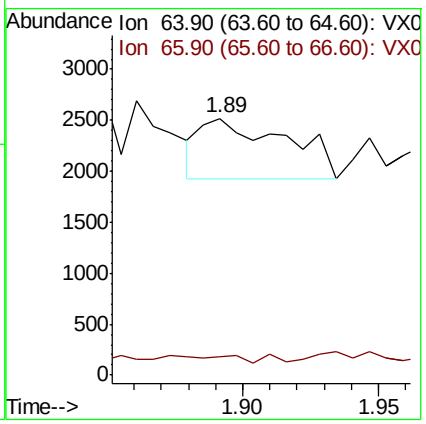


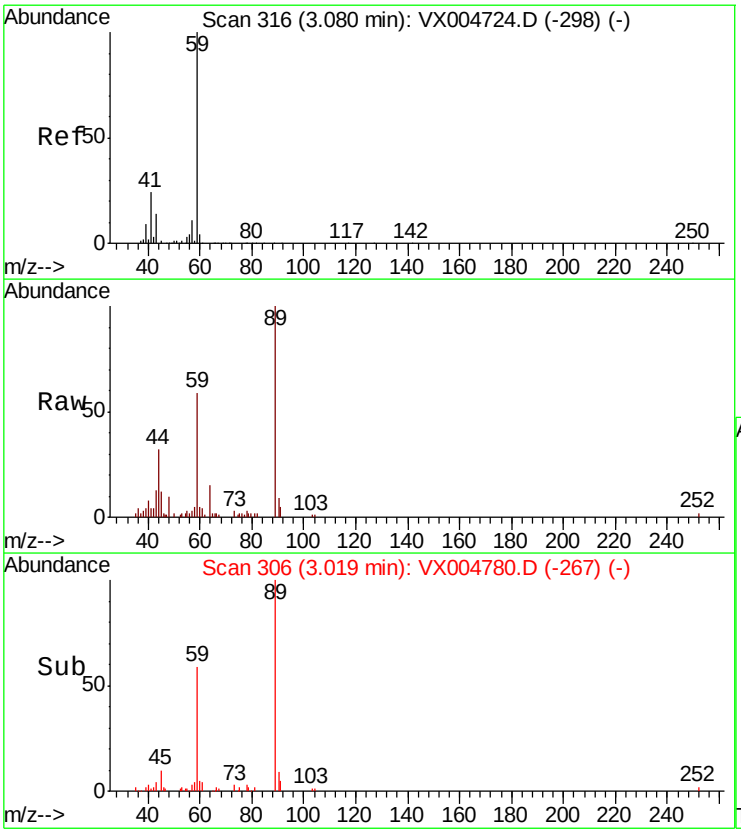
#6
Chloroethane
Concen: Below Cal
RT: 1.89 min Scan# 121
Delta R.T. 0.18 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
MW-144-SEP18

Tgt Ion: 64 Resp: 1280

Ion	Ratio	Lower	Upper
64	100		
66	1.5	24.6	36.8#

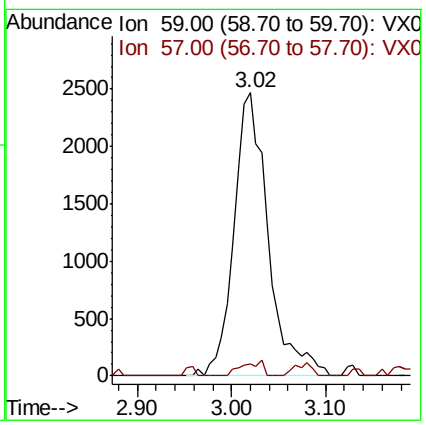


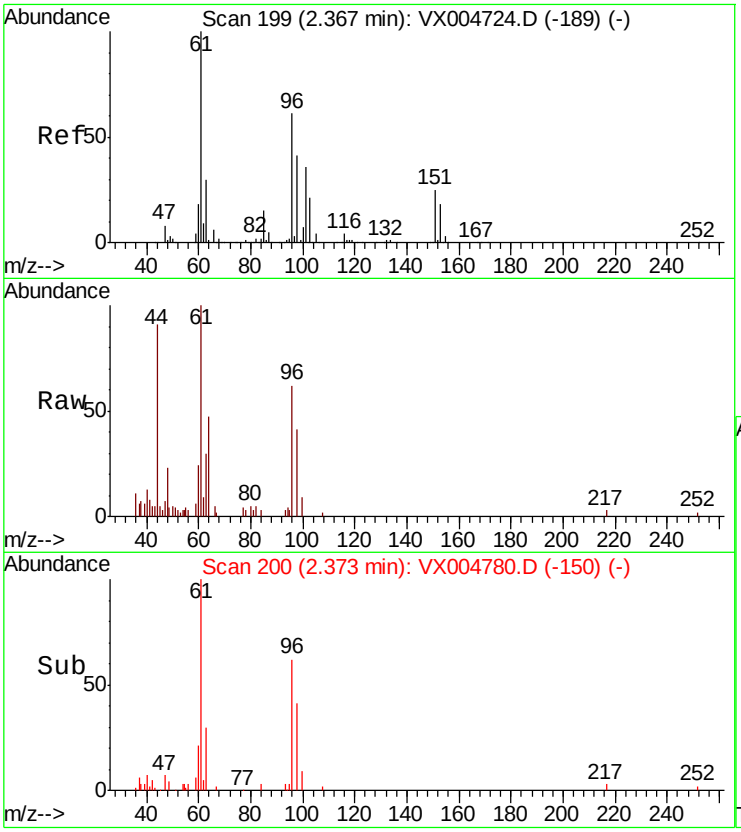


#11
Tert butyl alcohol
Concen: 6.645 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Tgt Ion: 59 Resp: 6272

Ion	Ratio	Lower	Upper
59	100		
57	3.2	8.2	12.4#



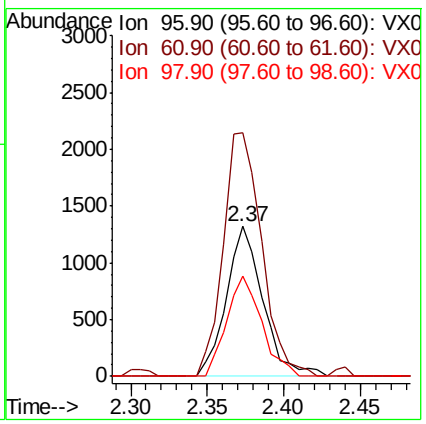


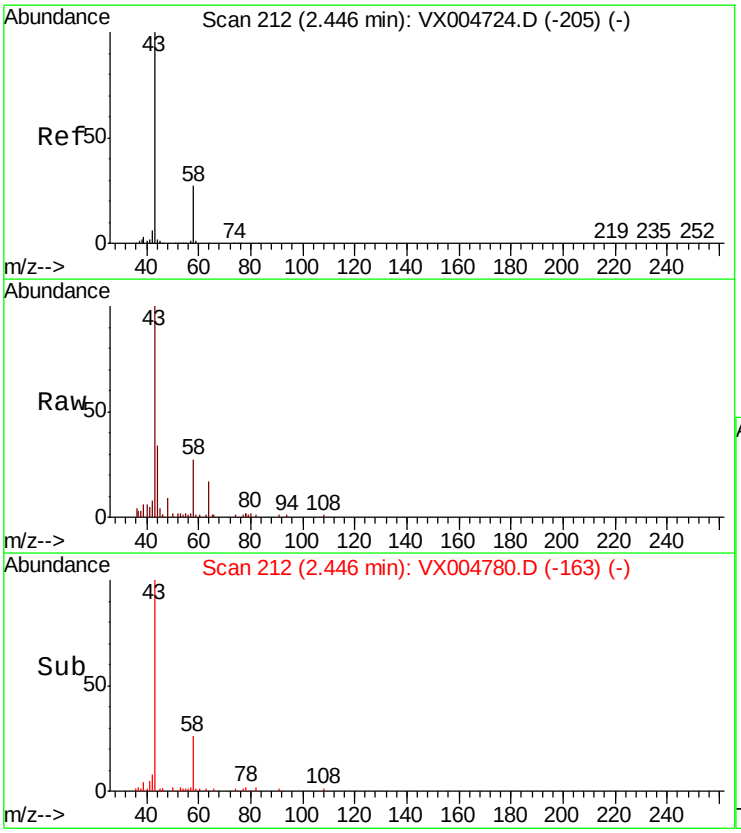
#12
1,1-Dichloroethene
Concen: 0.859 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
MW-144-SEP18

Tgt Ion: 96 Resp: 2199

Ion	Ratio	Lower	Upper
96	100		
61	162.5	128.8	193.2
98	66.8	52.2	78.2

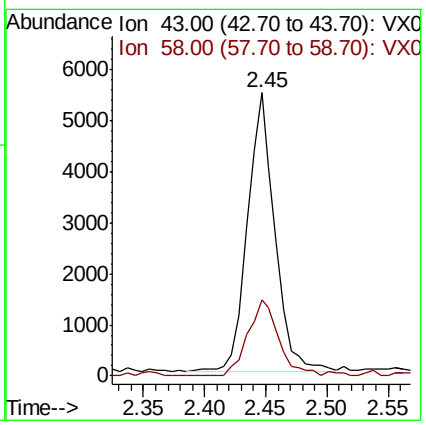


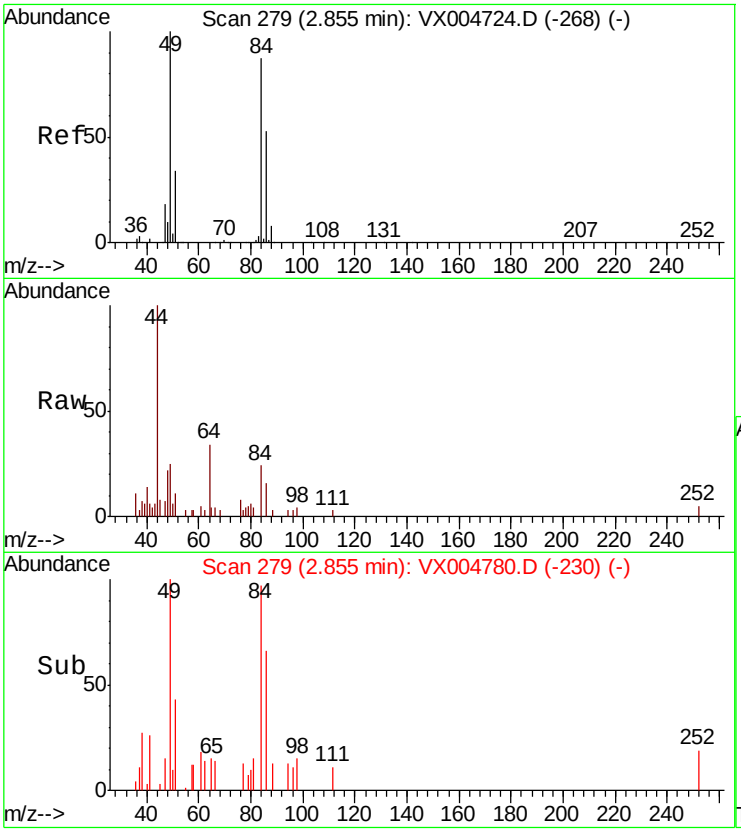


#16
Acetone
Concen: 4.292 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Tgt Ion: 43 Resp: 8459

Ion	Ratio	Lower	Upper
43	100		
58	27.1	26.2	39.4



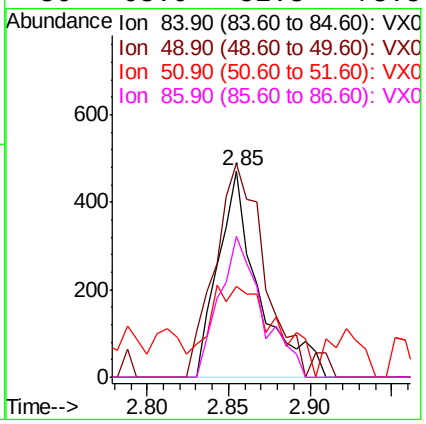


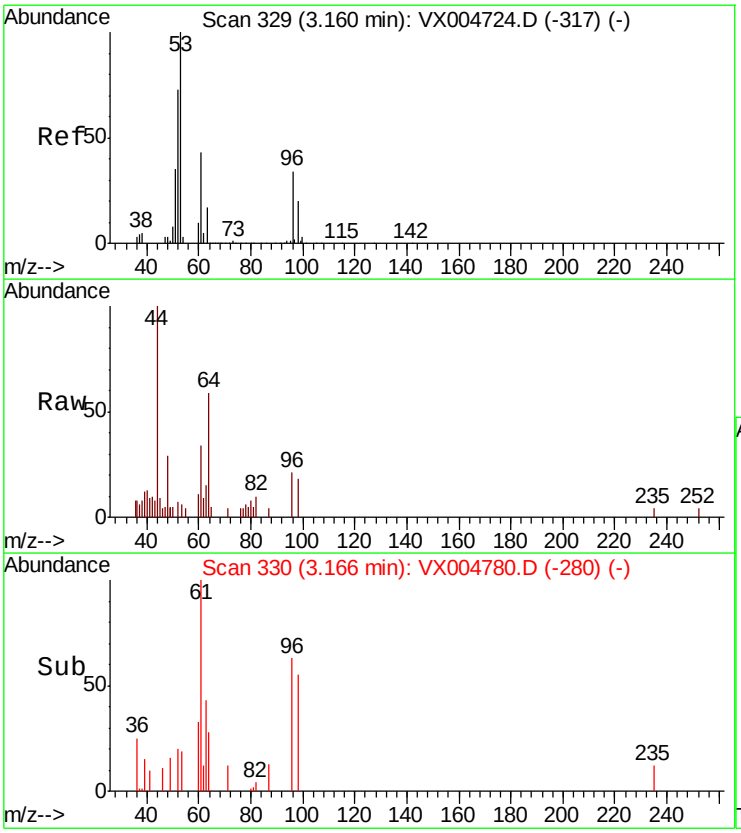
#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Instrument : MSVOA_X
ClientSampleId : MW-144-SEP18

Tgt Ion: 84 Resp: 818

Ion	Ratio	Lower	Upper
84	100		
49	103.4	101.2	151.8
51	33.3	29.5	44.3
86	68.0	52.3	78.5

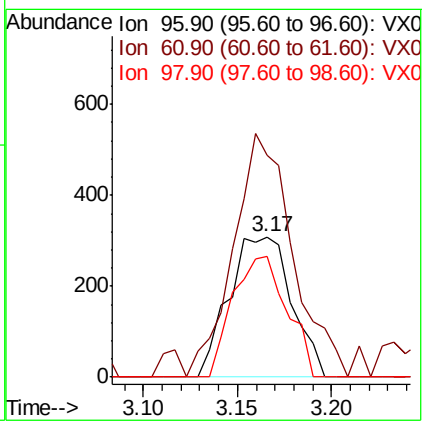


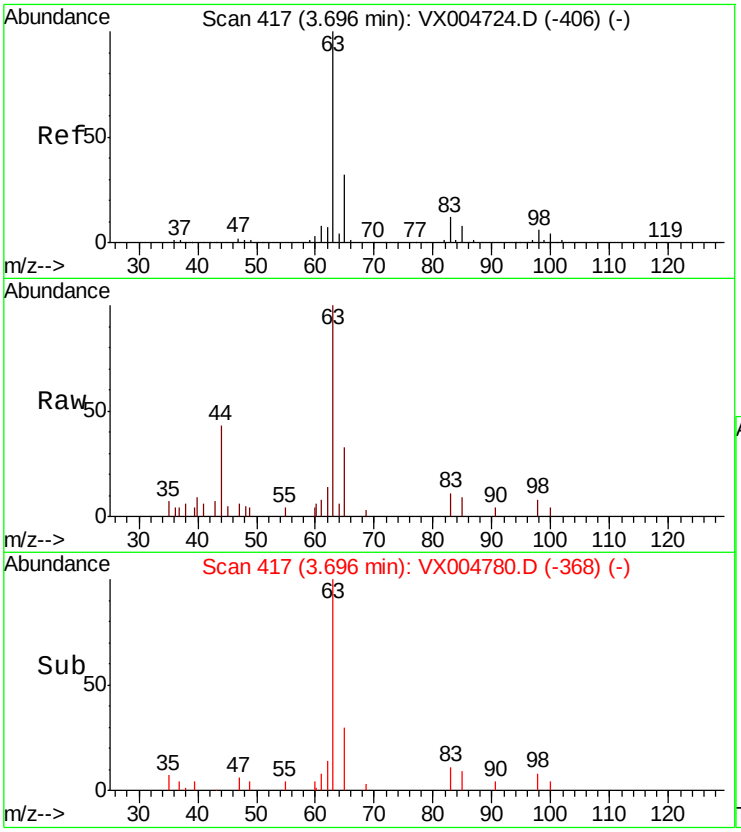


#21
trans-1,2-Dichloroethene
Concen: 0.253 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.01 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Tgt Ion: 96 Resp: 710

Ion	Ratio	Lower	Upper
96	100		
61	158.8	113.8	170.6
98	86.7	51.8	77.8#



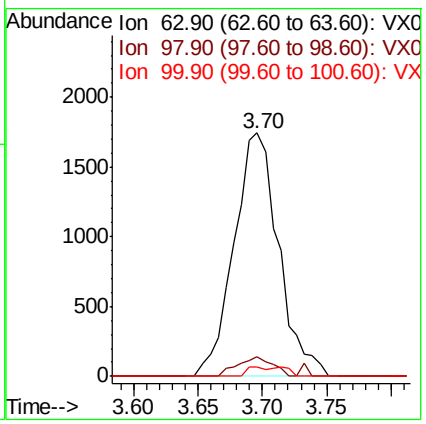


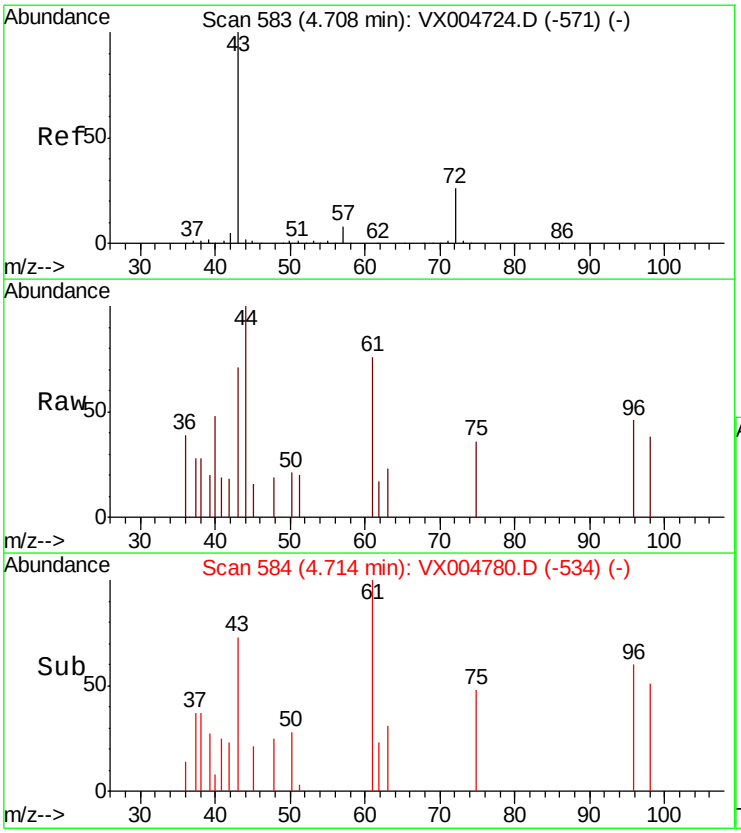
#24
1,1-Dichloroethane
Concen: 0.744 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Instrument : MSVOA_X
ClientSampleId : MW-144-SEP18

Tgt Ion: 63 Resp: 4177

Ion	Ratio	Lower	Upper
63	100		
98	8.3	3.5	10.4
100	3.8	2.4	7.1

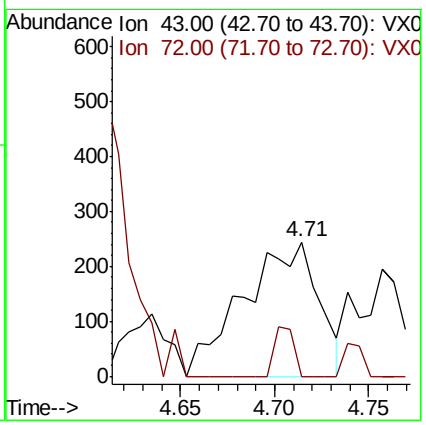


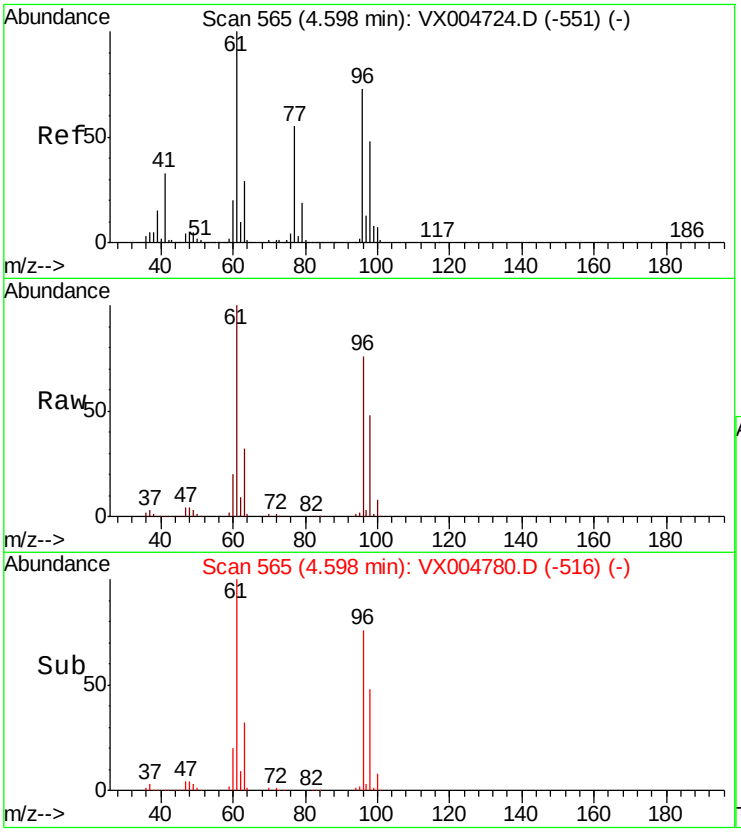


#25
2-Butanone
Concen: 0.232 ug/l
RT: 4.71 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Tgt Ion: 43 Resp: 675

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.0	33.0#



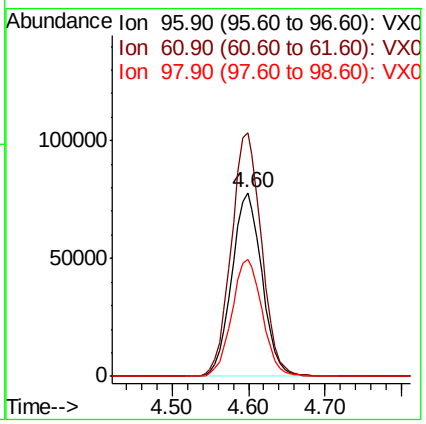


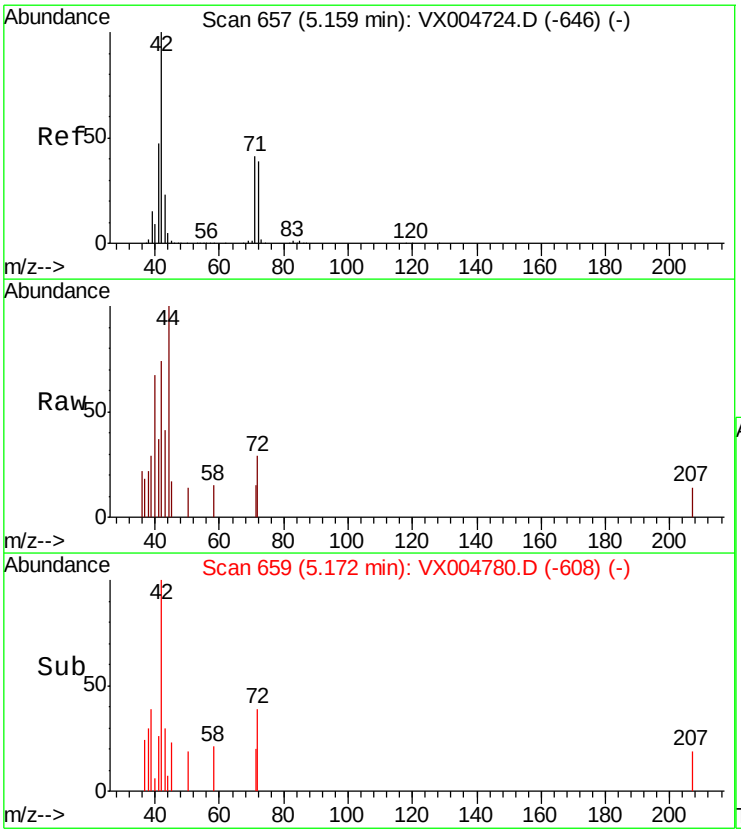
#27
cis-1,2-Dichloroethene
Concen: 67.959 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Instrument : MSVOA_X
ClientSampleId : MW-144-SEP18

Tgt Ion: 96 Resp: 212796

Ion	Ratio	Lower	Upper
96	100		
61	133.0	0.0	282.6
98	64.2	0.0	130.2

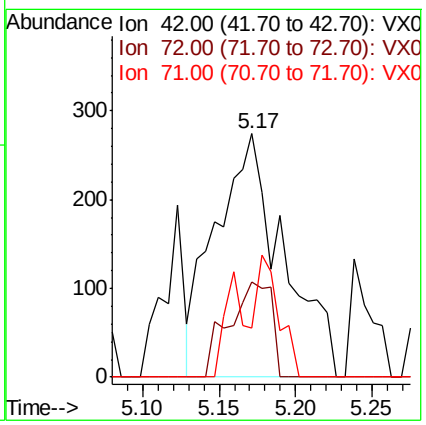


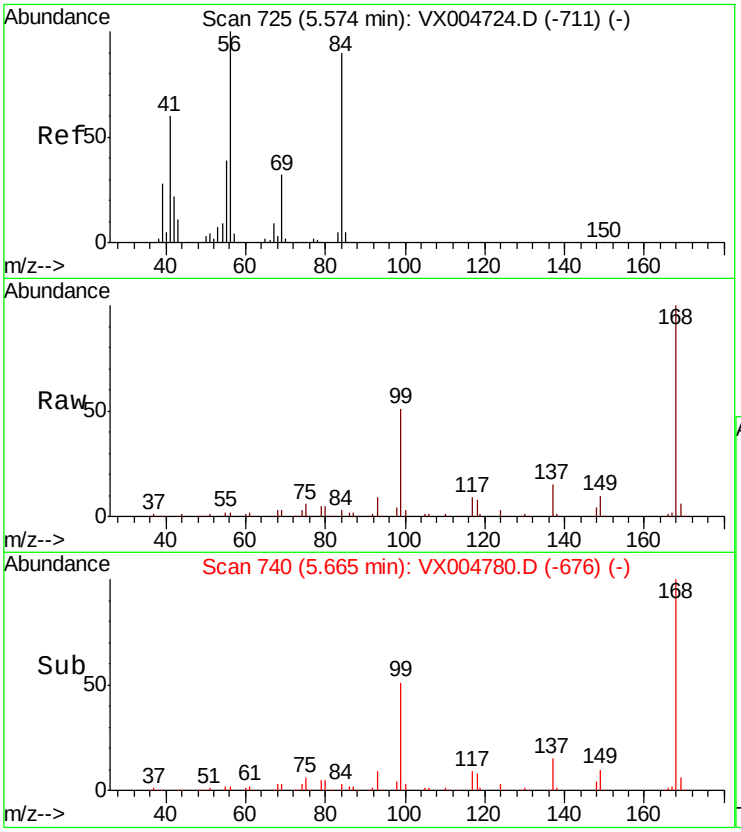


#29
Tetrahydrofuran
Concen: 0.467 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Tgt Ion: 42 Resp: 843

Ion	Ratio	Lower	Upper
42	100		
72	24.7	37.4	56.0#
71	16.0	34.5	51.7#



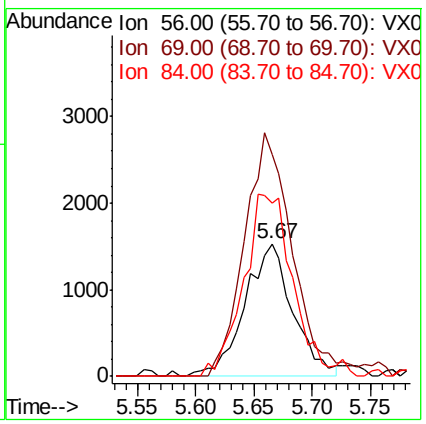


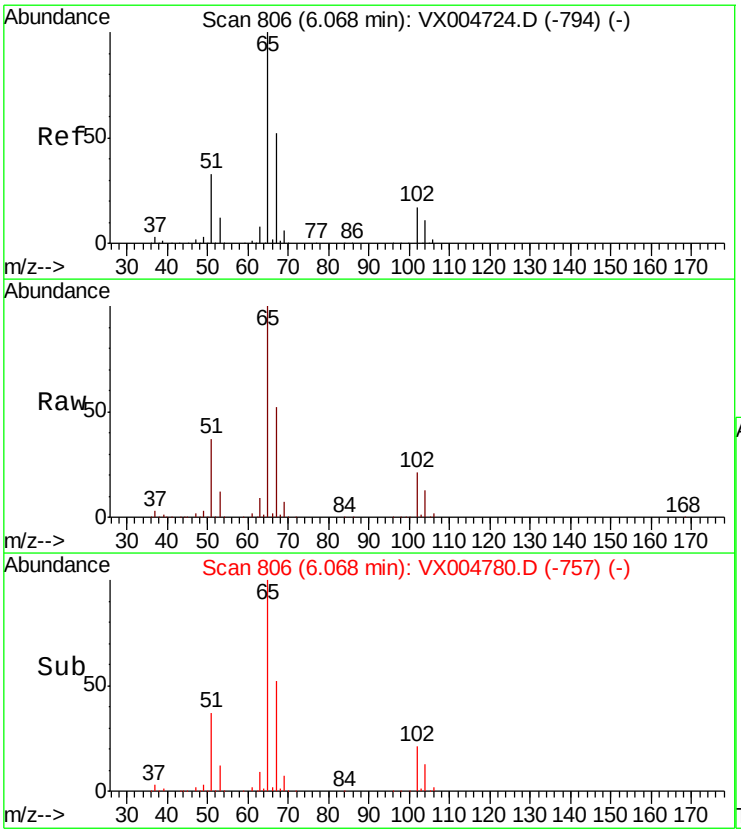
#31
Cyclohexane
Concen: 1.026 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
MW-144-SEP18

Tgt Ion: 56 Resp: 4406

Ion	Ratio	Lower	Upper
56	100		
69	167.6	25.4	38.2#
84	130.7	71.4	107.2#

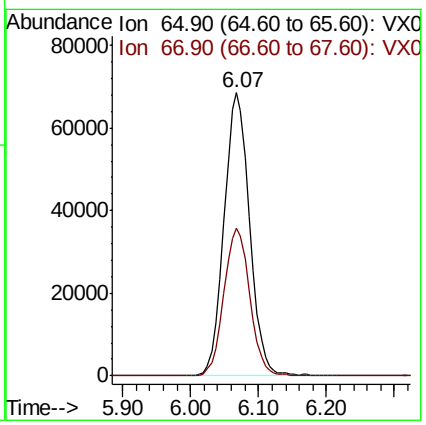


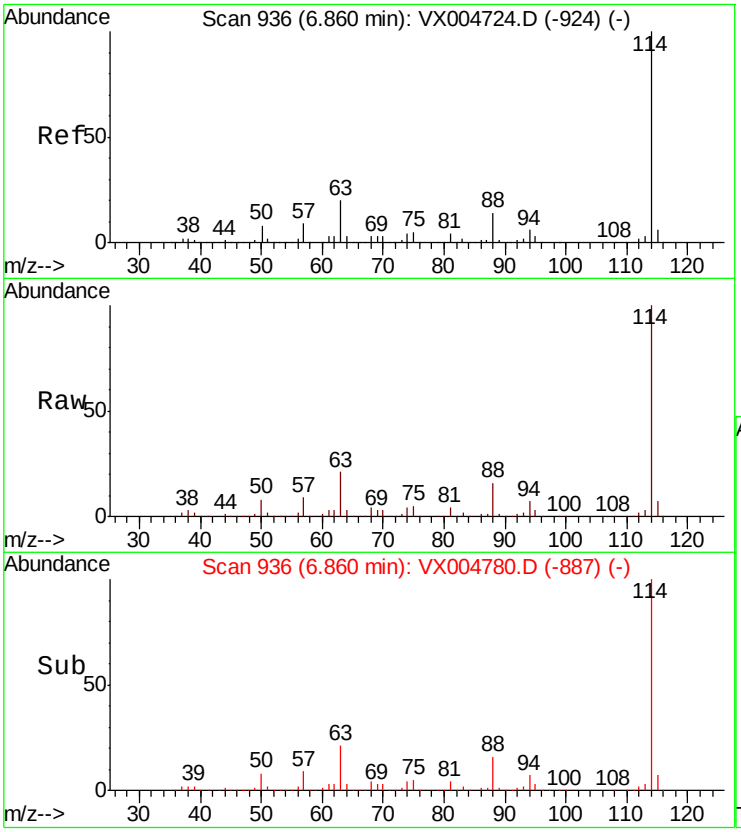


#33
1,2-Dichloroethane-d4
Concen: 52.673 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Tgt Ion: 65 Resp: 177807

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.8



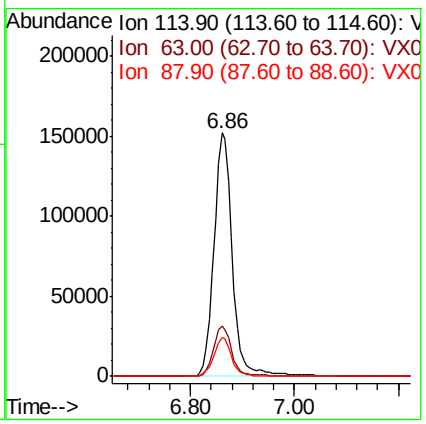


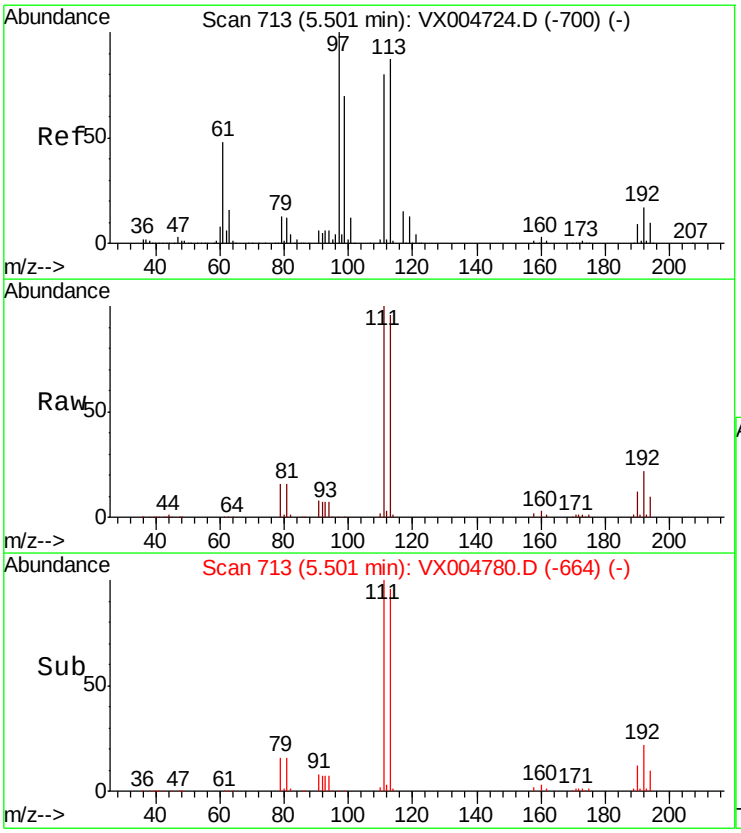
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
MW-144-SEP18

Tgt Ion:114 Resp: 376475

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	39.0
88	16.0	0.0	30.4

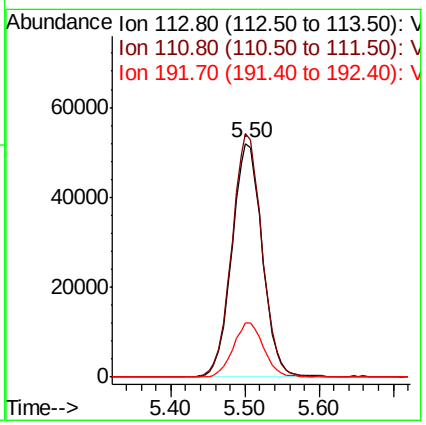


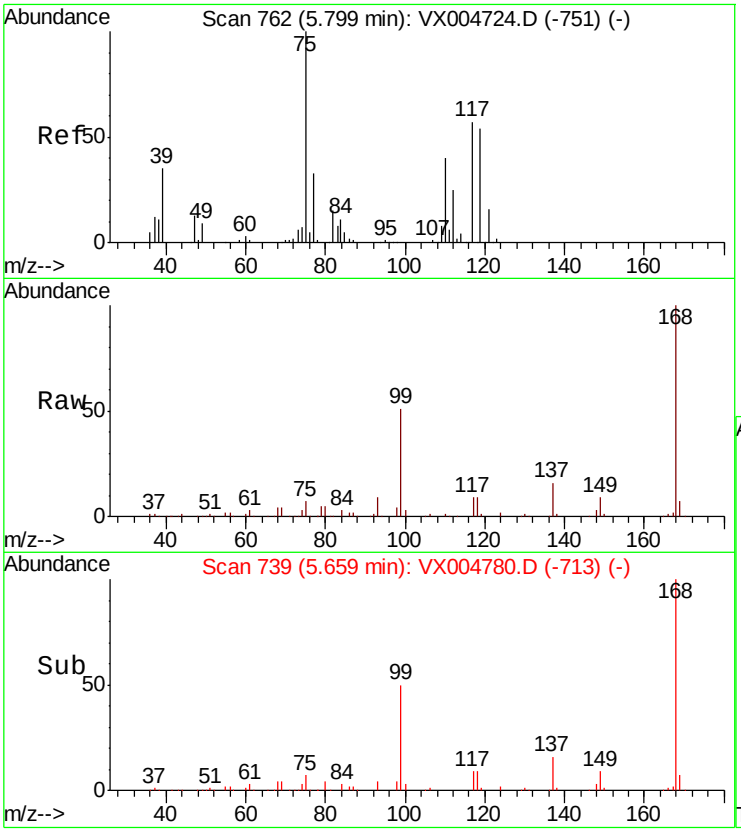


#35
Dibromofluoromethane
Concen: 46.537 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Tgt Ion:113 Resp: 148484

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.4	123.6
192	23.2	19.4	29.2



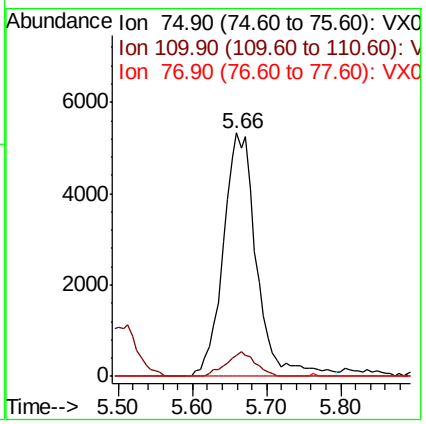


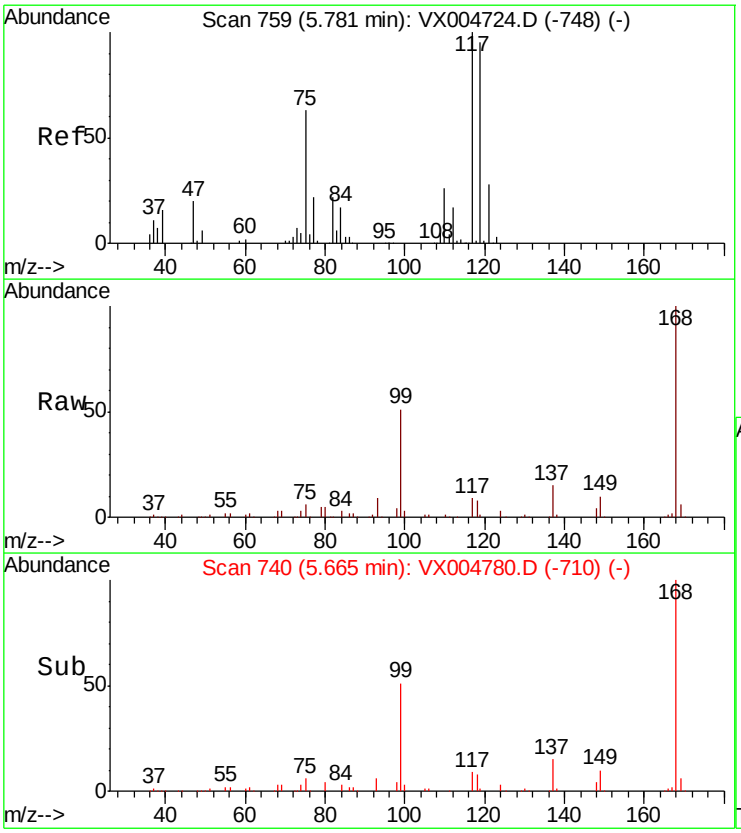
#36
1,1-Dichloropropene
Concen: 3.821 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
MW-144-SEP18

Tgt Ion: 75 Resp: 16635

Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.0	54.0#
77	0.0	24.6	36.8#

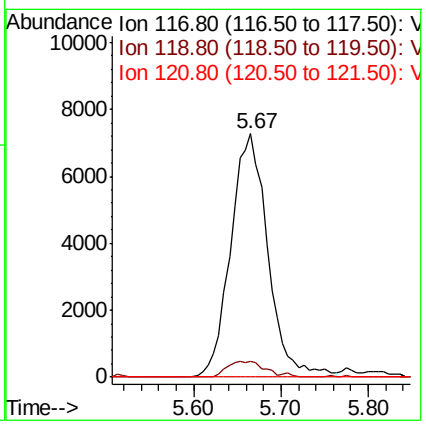


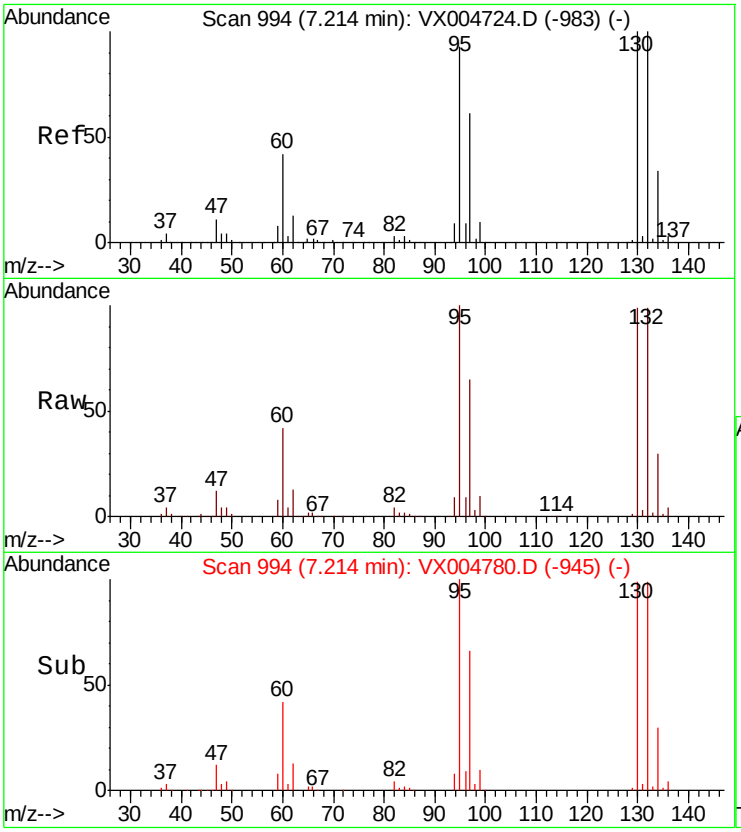


#38
Carbon Tetrachloride
Concen: 4.692 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Tgt Ion:117 Resp: 21469

Ion	Ratio	Lower	Upper
117	100		
119	6.6	78.8	118.2#
121	0.0	24.9	37.3#



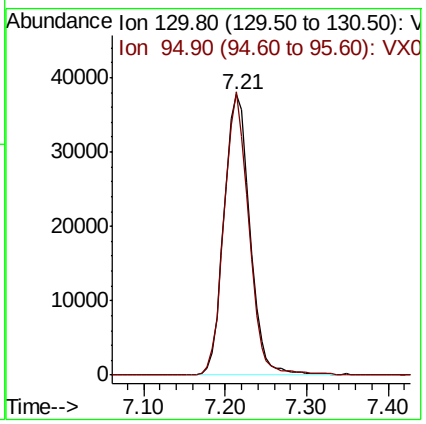


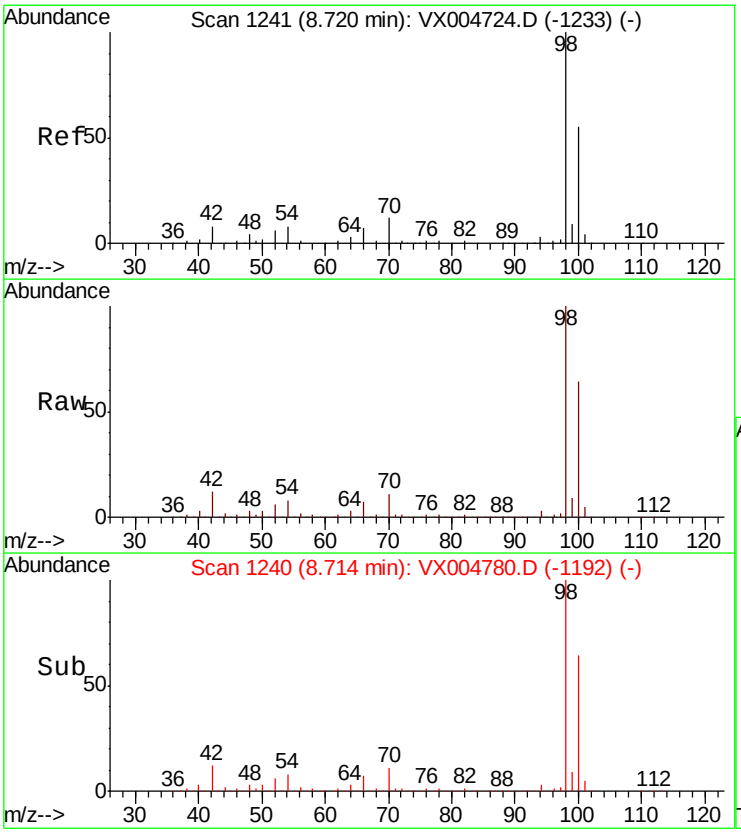
#44
Trichloroethene
Concen: 24.704 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
MW-144-SEP18

Tgt Ion:130 Resp: 82768

Ion	Ratio	Lower	Upper
130	100		
95	100.9	0.0	181.6

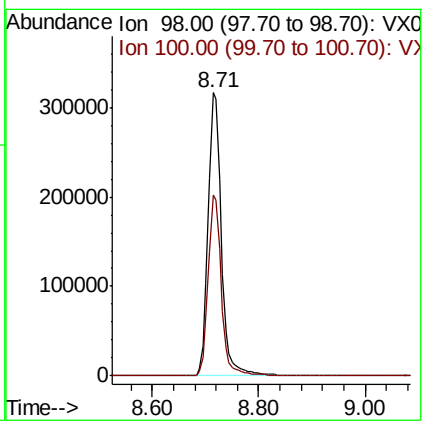


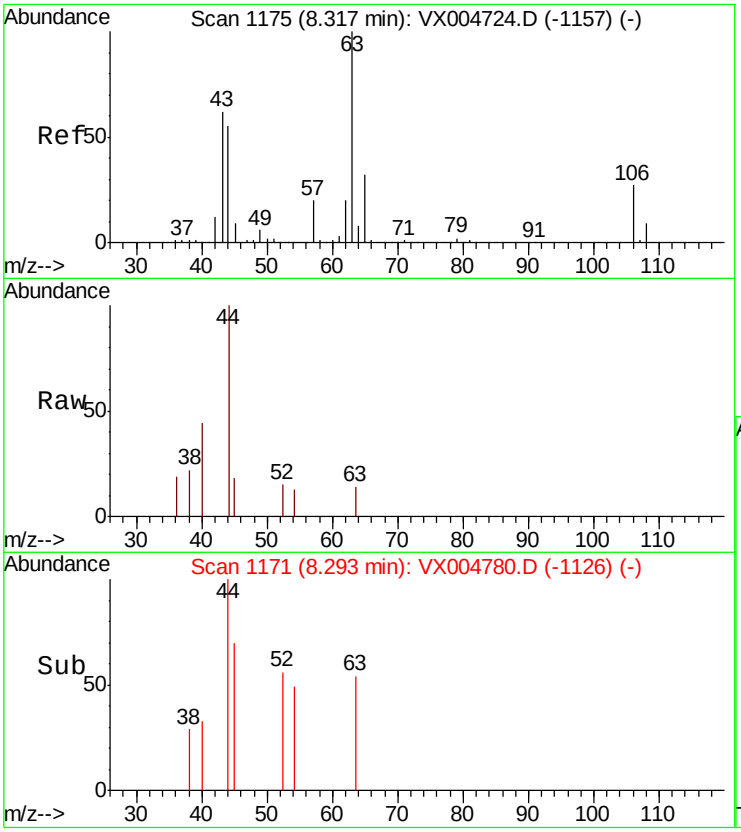


#50
Toluene-d8
Concen: 51.096 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Tgt Ion: 98 Resp: 541999

Ion	Ratio	Lower	Upper
98	100		
100	63.6	52.9	79.3



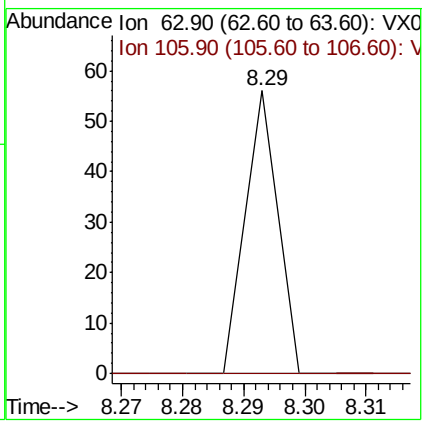


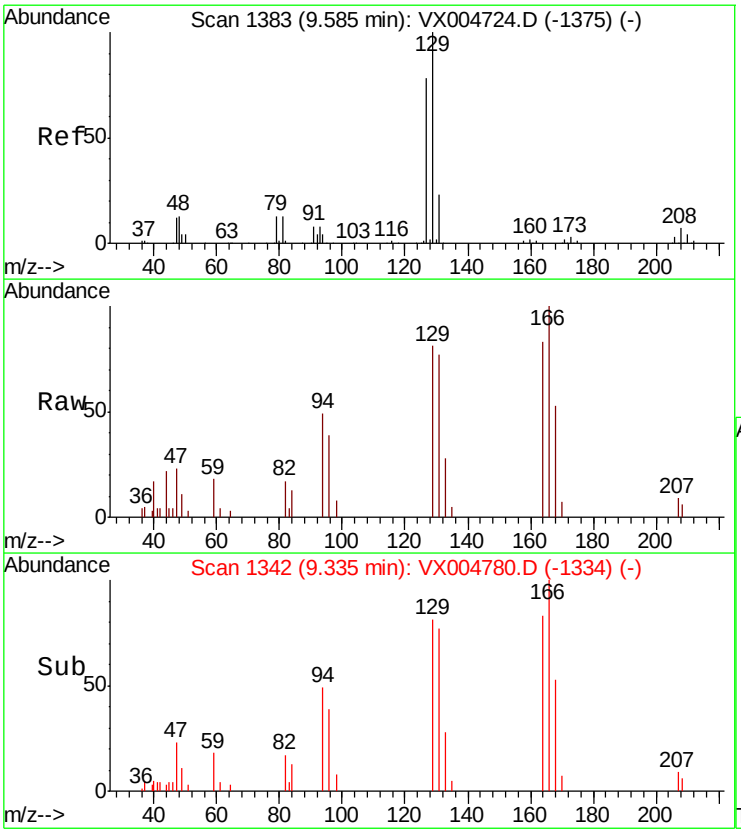
#58
2-Chloroethyl Vinyl ether
Concen: 14.249 ug/l
RT: 8.29 min Scan# 1171
Delta R.T. -0.02 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
MW-144-SEP18

Tgt Ion: 63 Resp: 20

Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.9	35.9#

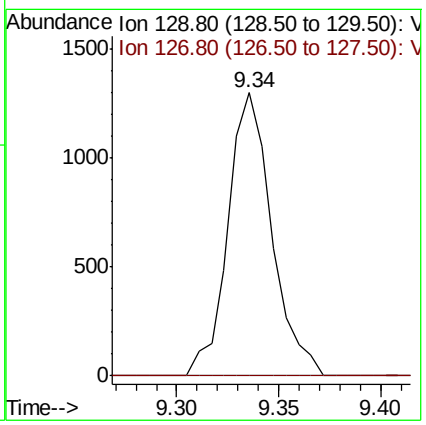


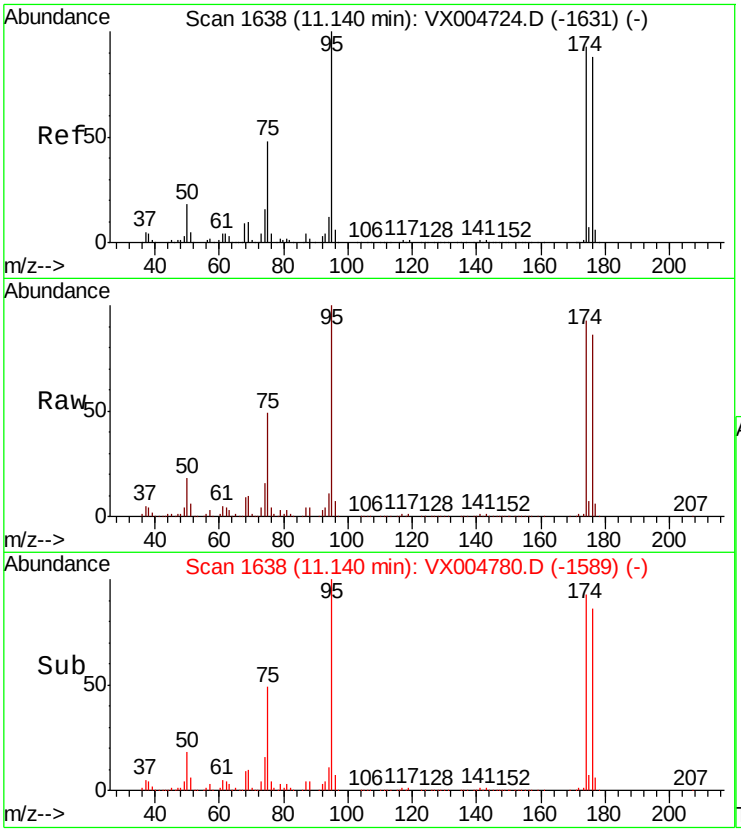


#60
Dibromochloromethane
Concen: 0.590 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.25 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Tgt Ion:129 Resp: 1936

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.5#



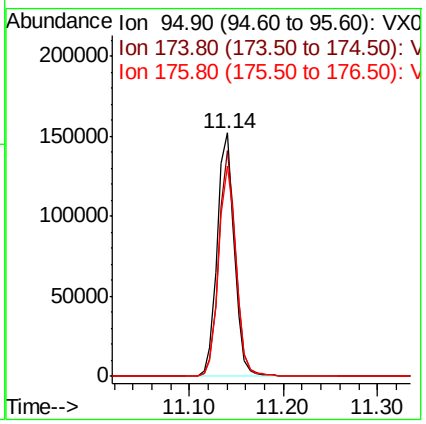


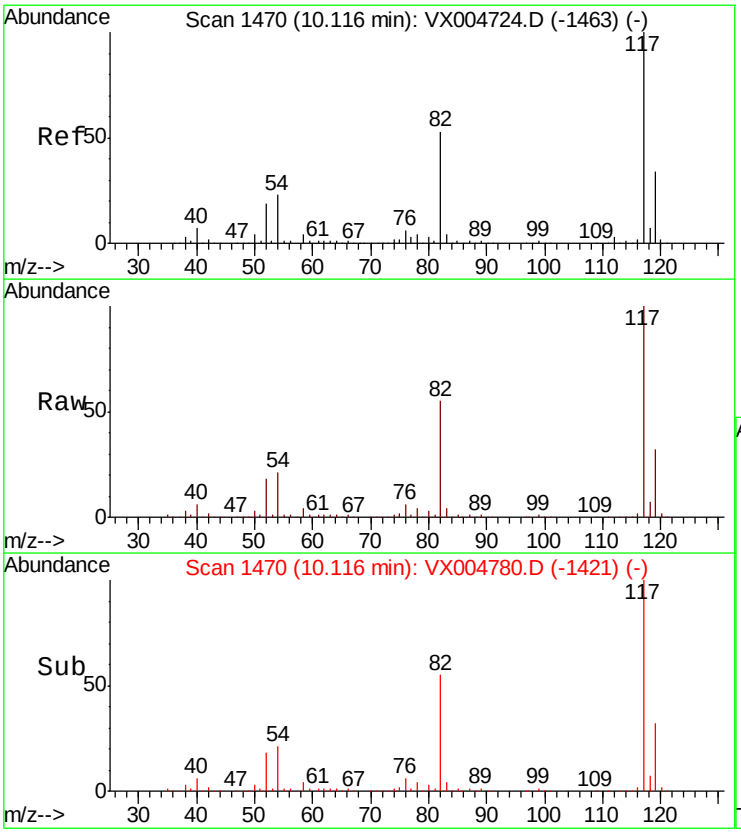
#62
4-Bromofluorobenzene
Concen: 50.579 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
MW-144-SEP18

Tgt Ion: 95 Resp: 193281

Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	185.2
176	87.7	0.0	178.6

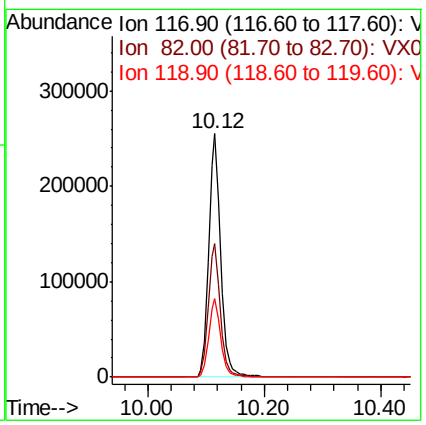


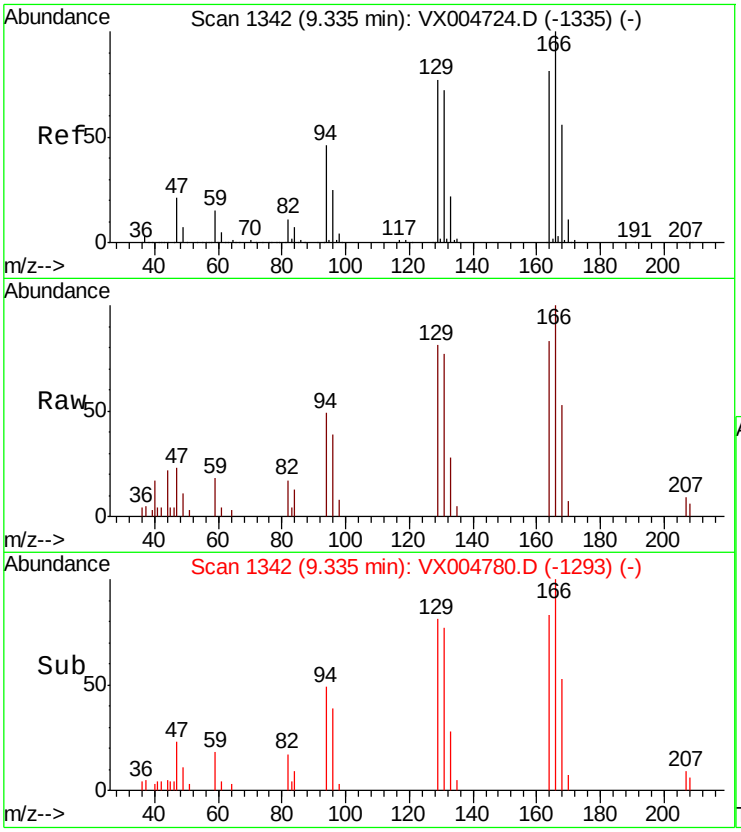


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Tgt Ion:117 Resp: 364008

Ion	Ratio	Lower	Upper
117	100		
82	55.1	47.8	71.6
119	32.0	29.3	43.9



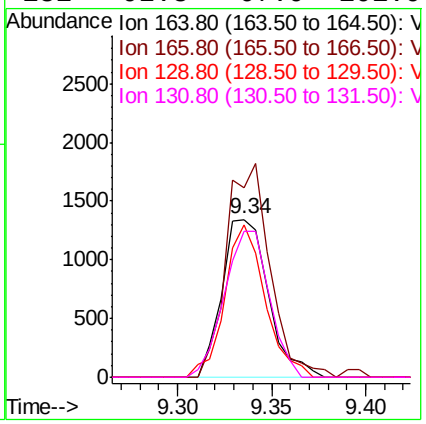


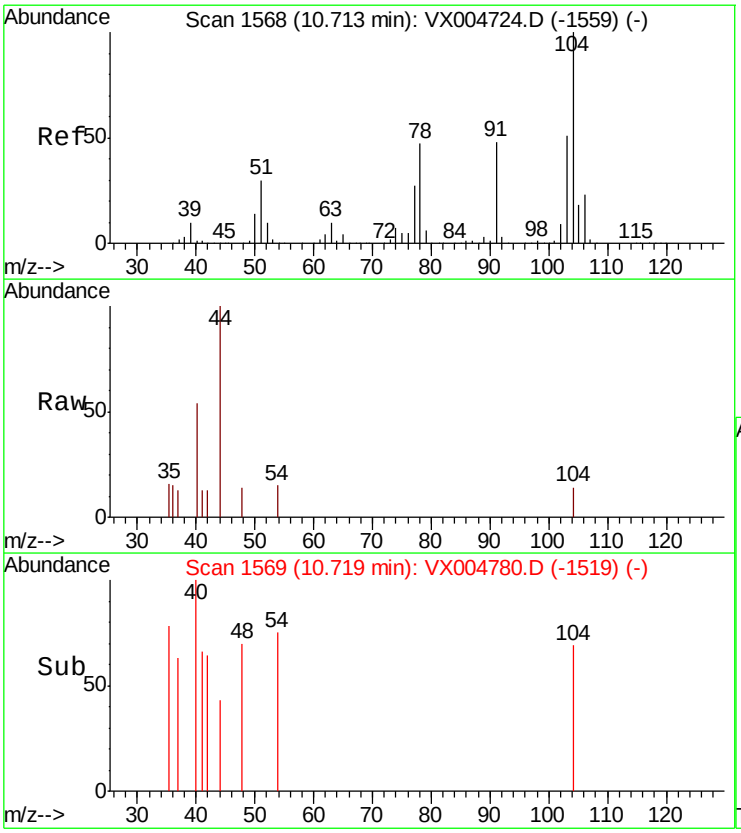
#64
Tetrachloroethene
Concen: 0.641 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
MW-144-SEP18

Tgt Ion:164 Resp: 2295

Ion	Ratio	Lower	Upper
164	100		
166	120.2	102.8	154.2
129	96.8	69.4	104.0
131	92.3	67.9	101.9

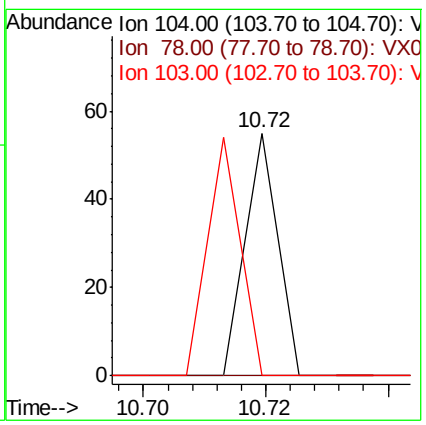


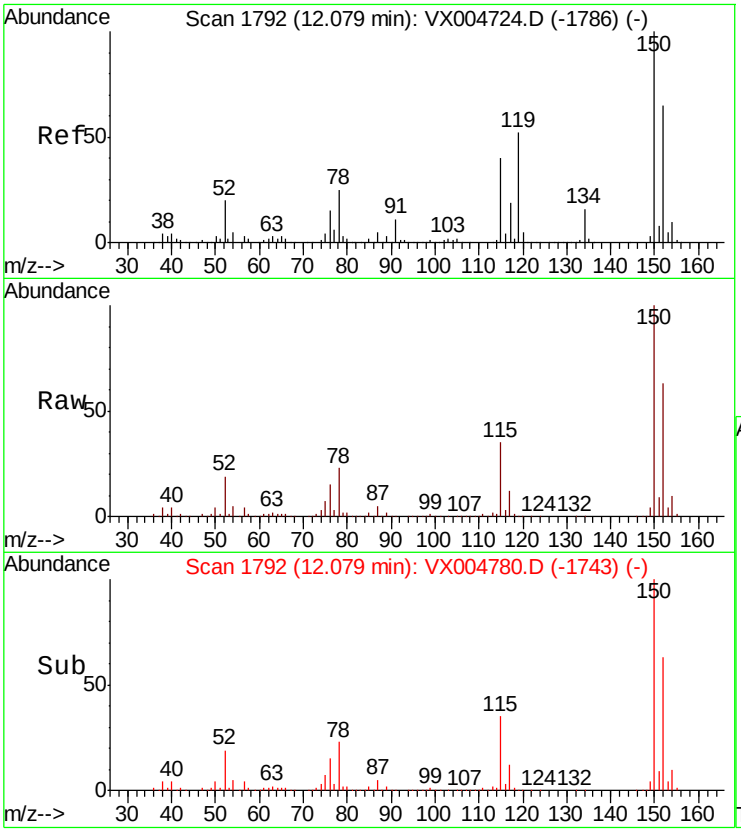


#70
Styrene
Concen: 2.142 ug/l
RT: 10.72 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Tgt Ion:104 Resp: 20

Ion	Ratio	Lower	Upper
104	100		
78	0.0	37.4	56.0#
103	100.0	43.8	65.6#



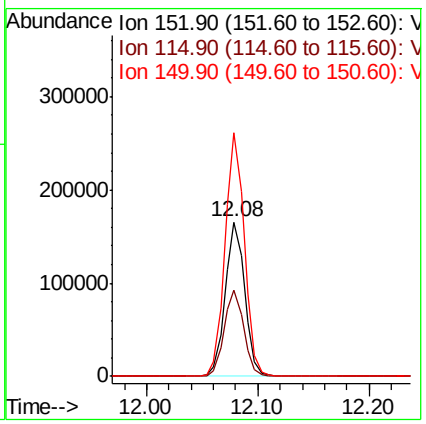


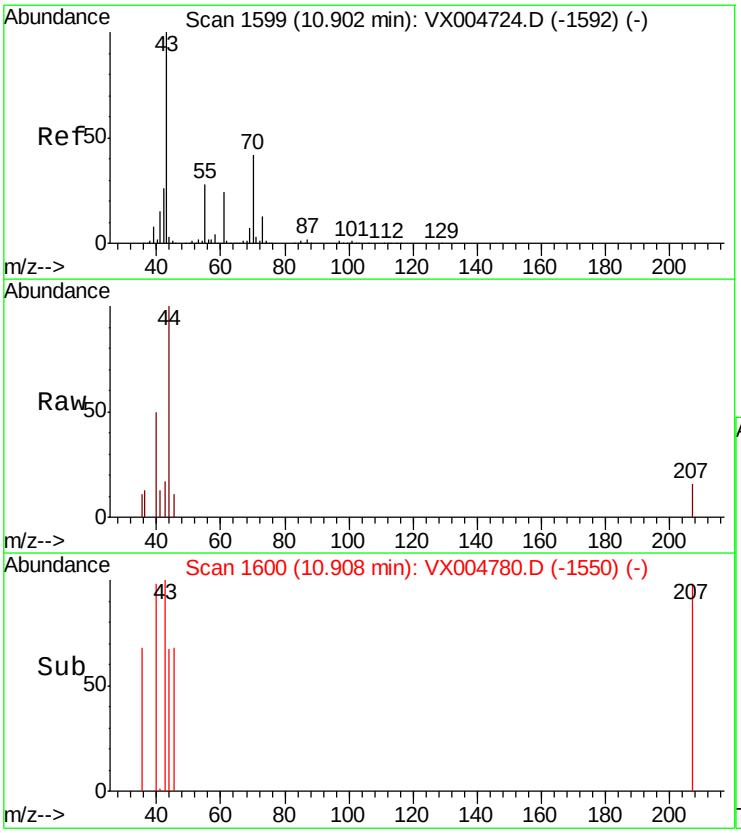
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
MW-144-SEP18

Tgt Ion:152 Resp: 199549

Ion	Ratio	Lower	Upper
152	100		
115	56.0	39.0	117.0
150	156.9	0.0	351.0

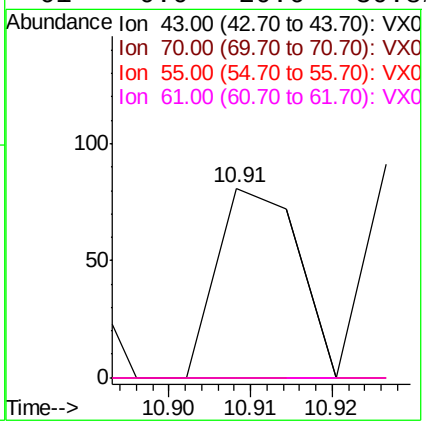


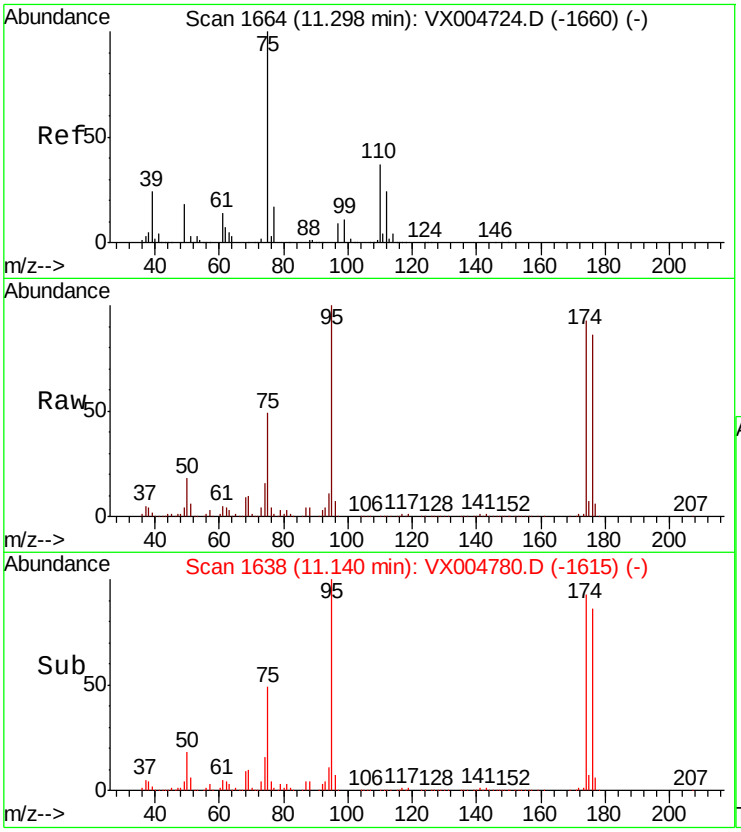


#74
N-amyl acetate
Concen: 1.756 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Tgt Ion: 43 Resp: 56

Ion	Ratio	Lower	Upper
43	100		
70	0.0	37.4	56.0#
55	0.0	21.8	32.8#
61	0.0	20.6	30.8#



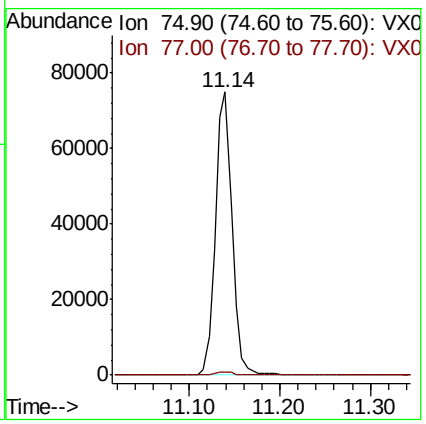


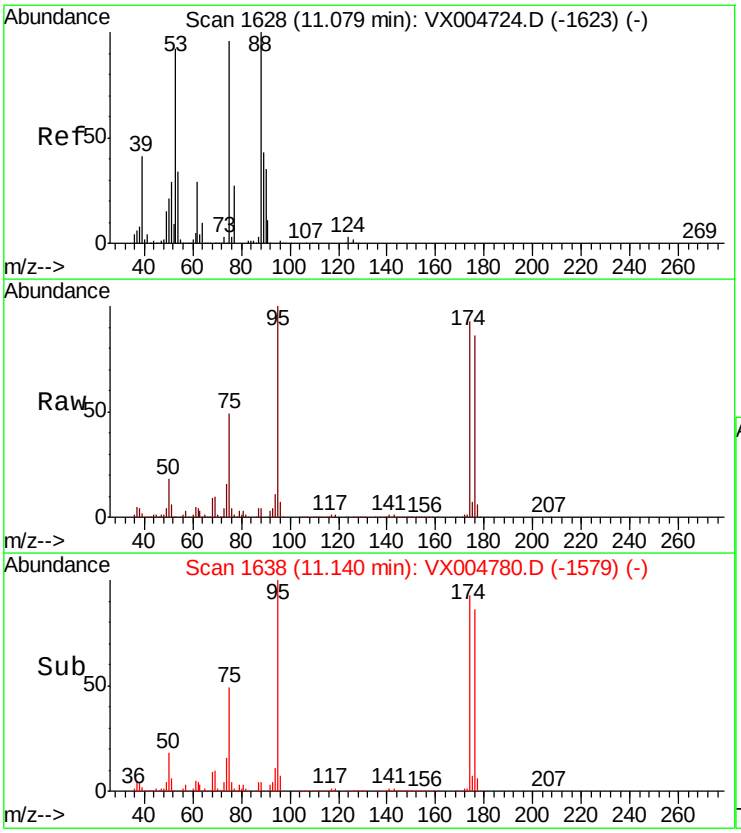
#76
1,2,3-Trichloropropane
Concen: 21.495 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
MW-144-SEP18

Tgt Ion: 75 Resp: 96140

Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.2	60.6#

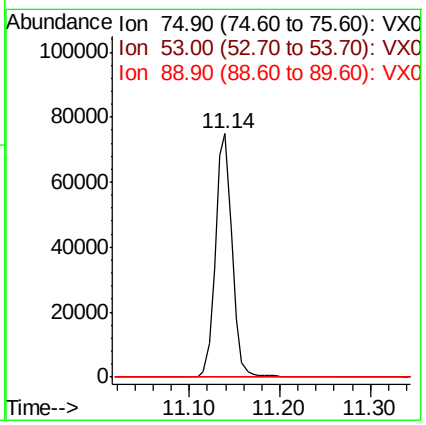


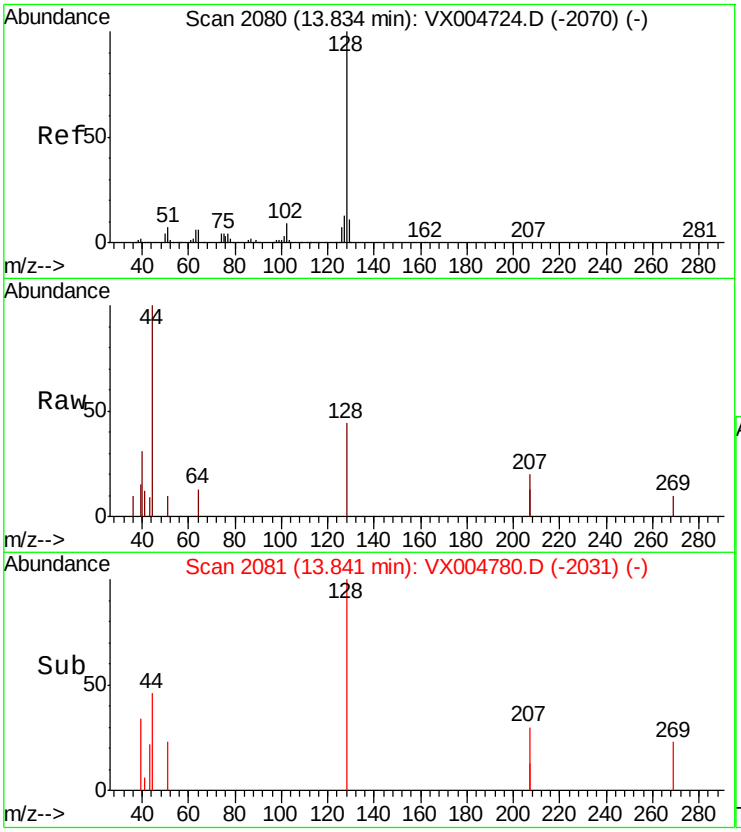


#81
trans-1,4-Dichloro-2-butene
Concen: 58.283 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Tgt Ion: 75 Resp: 96140

Ion	Ratio	Lower	Upper
75	100		
53	0.2	80.1	120.1#
89	0.0	37.2	55.8#





#95
Naphthalene
Concen: 0.738 ug/l
RT: 13.84 min Scan# 2081
Delta R.T. 0.01 min
Lab File: VX004780.D
Acq: 27 Sep 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
MW-144-SEP18

Tgt Ion:128 Resp: 319

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.6	12.8#