Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092718\
Data File : VX004770.D
Acq On : 27 Sep 2018 13:30
Operator : JC/MD
Sample : J5049-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-55-SEP18

Quant Time: Sep 28 05:48:44 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	266249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	434904	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	418417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236132	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	197892	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.06%			
35) Dibromofluoromethane	5.50	113	168583	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.48%			
50) Toluene-d8	8.72	98	621838	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.50%			
62) 4-Bromofluorobenzene	11.14	95	226545	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.64%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	918	0.208	ug/l #	85
4) Vinyl Chloride	1.40	62	2532	0.613	ug/l #	20
5) Bromomethane	1.64	94	505	0.206	ug/l #	49
6) Chloroethane	1.58	64	1265	Below Cal	#	50
11) Tert butyl alcohol	3.02	59	7034	6.614	ug/l #	81
13) Acrolein	2.31	56	247	0.326	ug/l #	16
14) Allyl chloride	2.62	41	7030	1.117	ug/l #	64
16) Acetone	2.44	43	7415	3.339	ug/l	93
20) Methylene Chloride	2.85	84	1232	Below Cal	#	86
25) 2-Butanone	4.71	43	2150	0.657	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	1741	0.493	ug/l	78
31) Cyclohexane	5.67	56	4756	0.983	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	18296	3.638	ug/l #	49
38) Carbon Tetrachloride	5.67	117	23185	4.386	ug/l #	14
52) Toluene	8.79	92	3152	0.364	ug/l	91
56) Ethyl methacrylate	9.27	69	23	2.866	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.54	63	20	14.248	ug/l #	45
70) Styrene	10.71	104	143	2.152	ug/l #	50
74) N-amyl acetate	10.90	43	93	1.759	ug/l #	40
76) 1,2,3-Trichloropropane	11.14	75	111729	21.111	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.66	105	83	Below Cal		77
81) trans-1,4-Dichloro-2-buten	11.14	75	111729	57.275	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	745	Below Cal		97
95) Naphthalene	13.83	128	1024	0.771	ug/l #	93

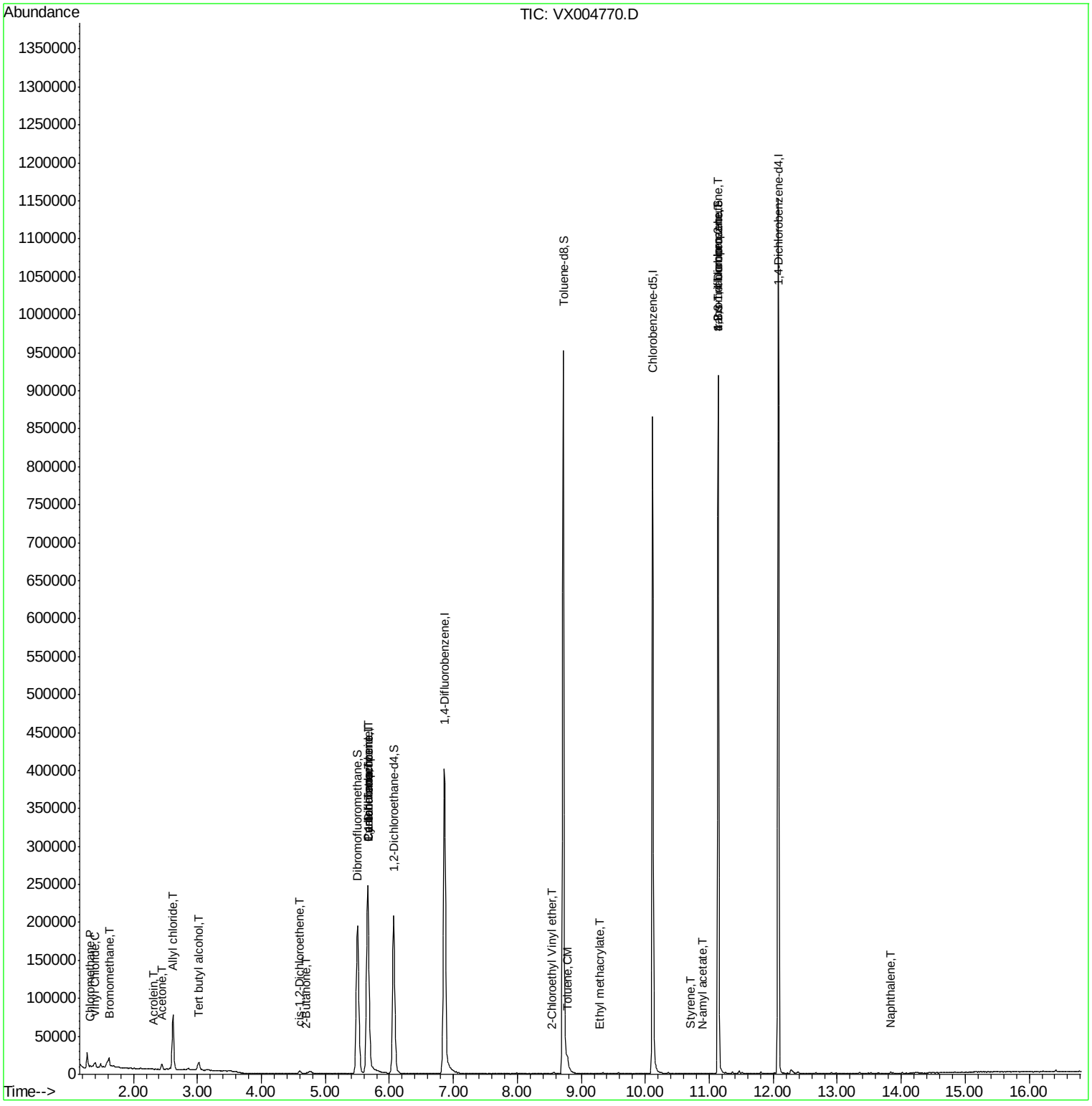
(#) = qualifier out of range (m) = manual integration (+) = signals summed

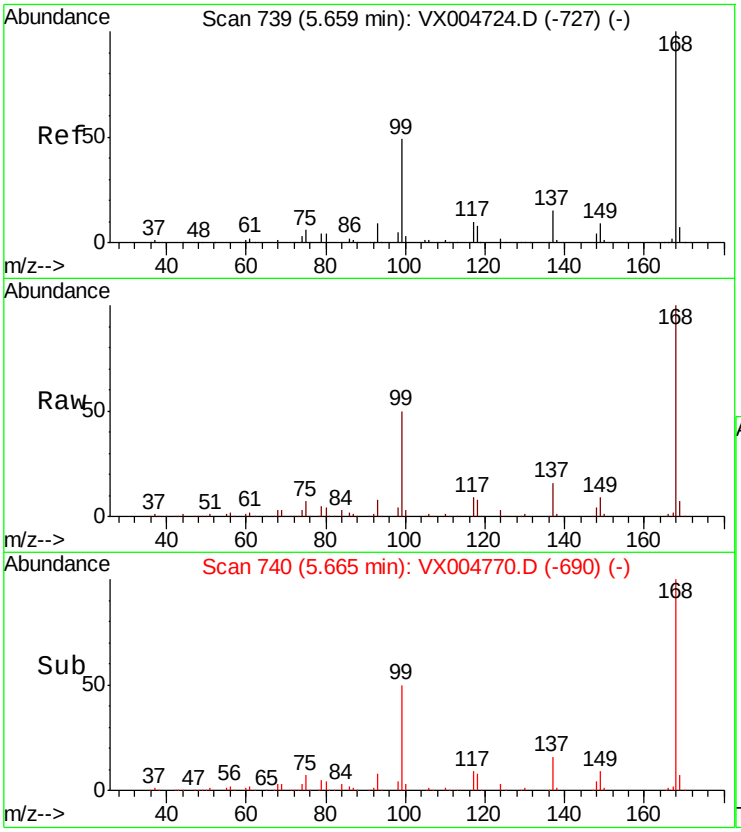
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
Data File : VX004770.D
Acq On : 27 Sep 2018 13:30
Operator : JC/MD
Sample : J5049-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-55-SEP18

Quant Time: Sep 28 05:48:44 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



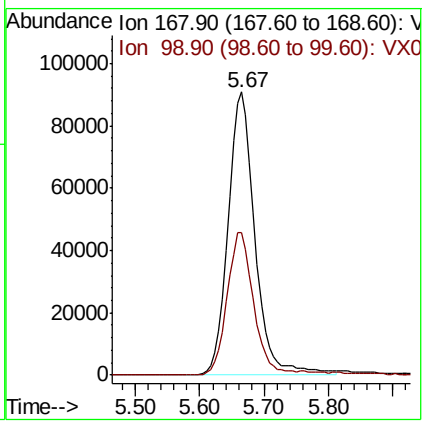


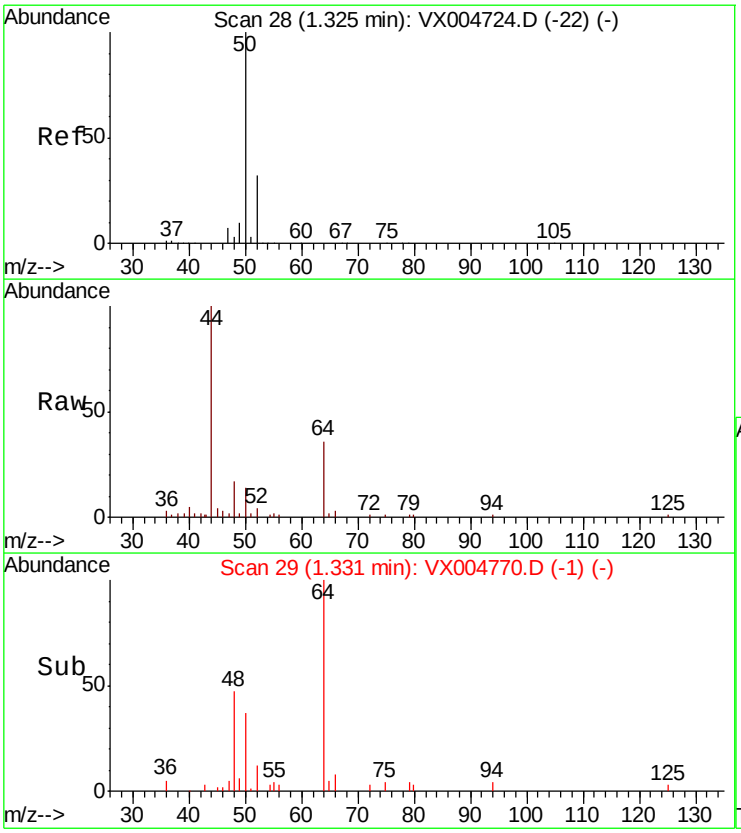
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004770.D
Acq: 27 Sep 2018 13:30

Instrument :
MSVOA_X
ClientSampleId :
MW-55-SEP18

Tgt Ion:168 Resp: 266249

Ion	Ratio	Lower	Upper
168	100		
99	50.2	39.9	59.9

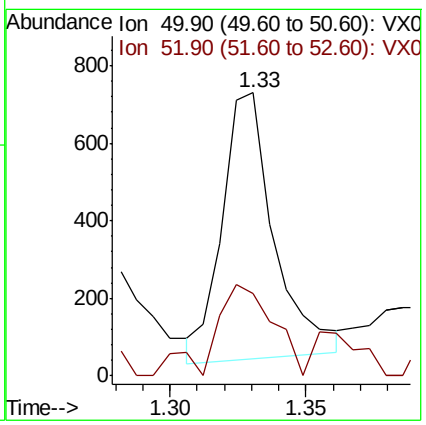


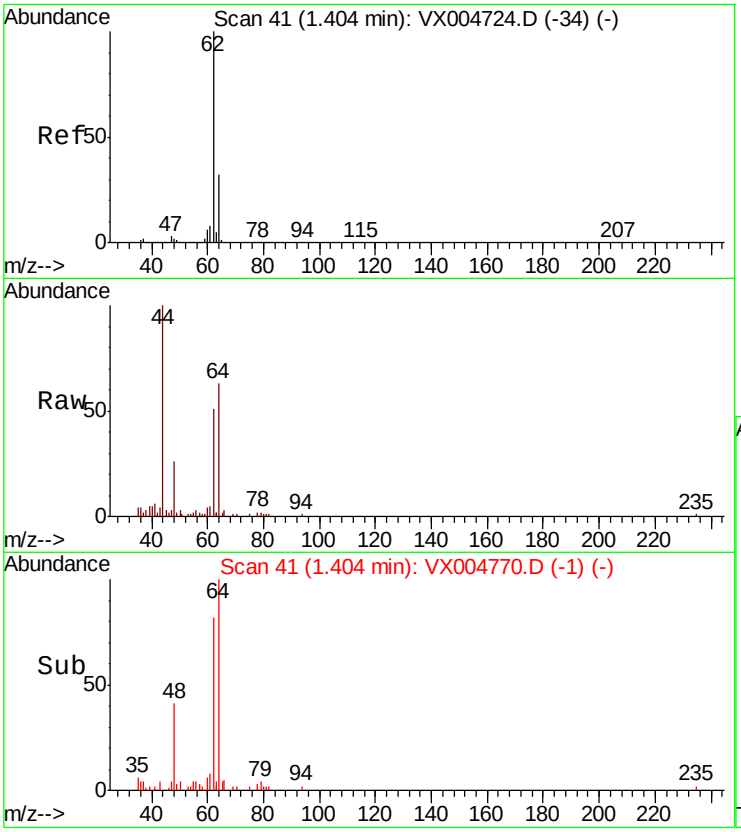


#3
Chloromethane
Concen: 0.208 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX004770.D
Acq: 27 Sep 2018 13:30

Tgt Ion: 50 Resp: 918

Ion	Ratio	Lower	Upper
50	100		
52	24.4	26.2	39.2#



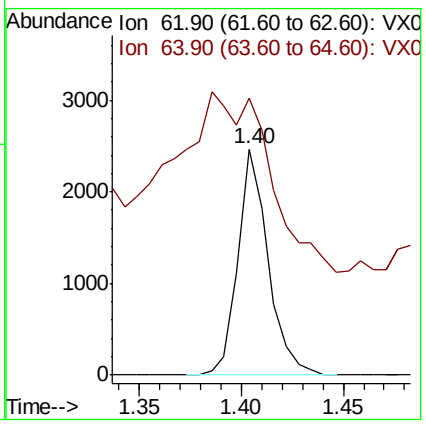


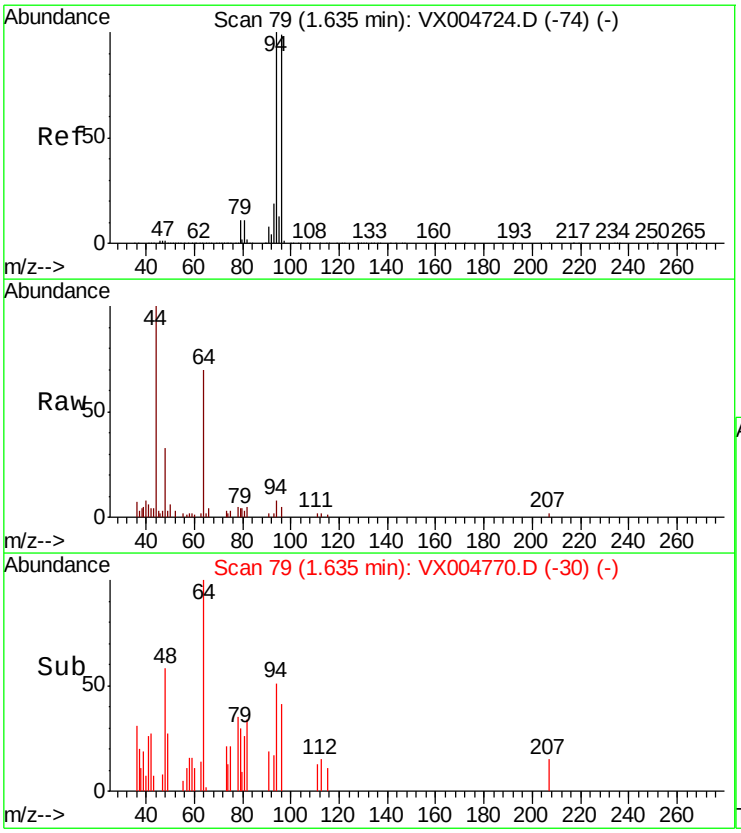
#4
Vinyl Chloride
Concen: 0.613 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.00 min
Lab File: VX004770.D
Acq: 27 Sep 2018 13:30

Instrument :
MSVOA_X
ClientSampleId :
MW-55-SEP18

Tgt Ion: 62 Resp: 2532

Ion	Ratio	Lower	Upper
62	100		
64	77.3	25.8	38.8#

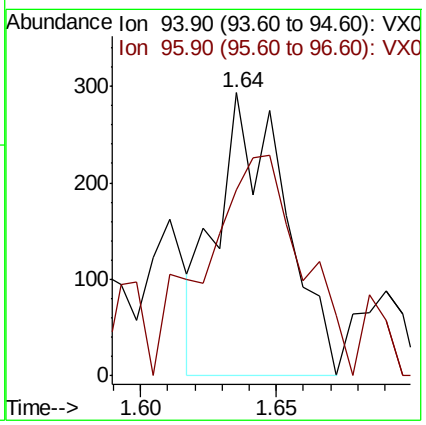


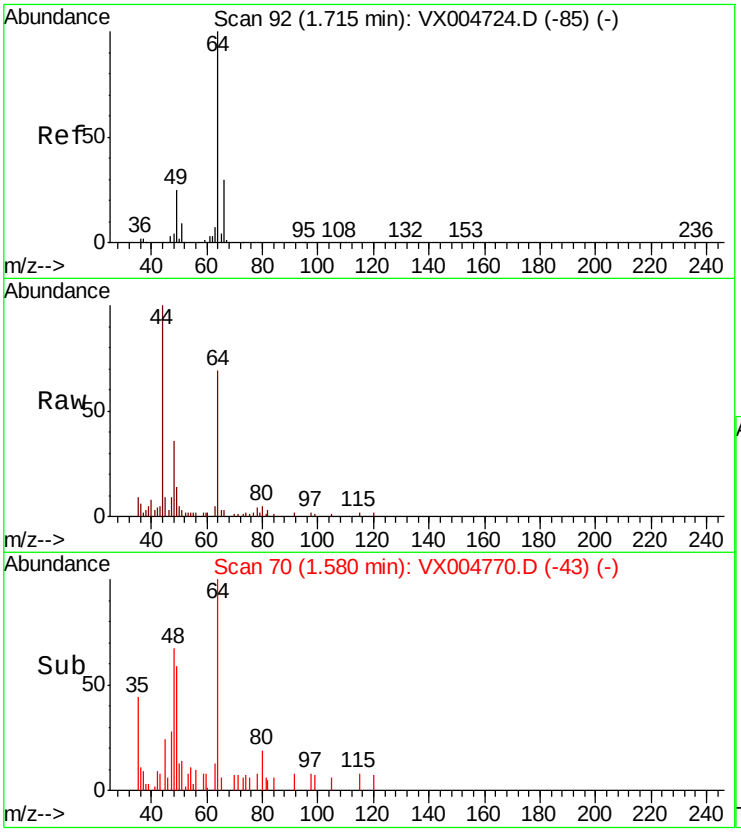


#5
Bromomethane
Concen: 0.206 ug/l
RT: 1.64 min Scan# 79
Delta R.T. -0.00 min
Lab File: VX004770.D
Acq: 27 Sep 2018 13:30

Tgt Ion: 94 Resp: 505

Ion	Ratio	Lower	Upper
94	100		
96	44.4	74.5	111.7#



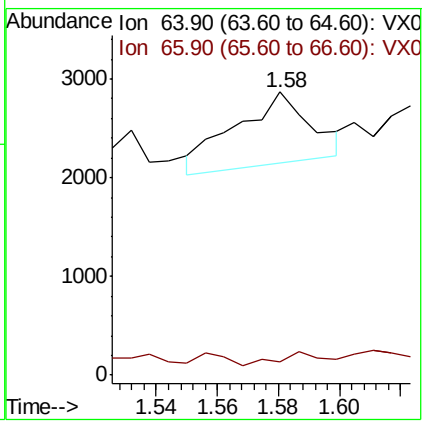


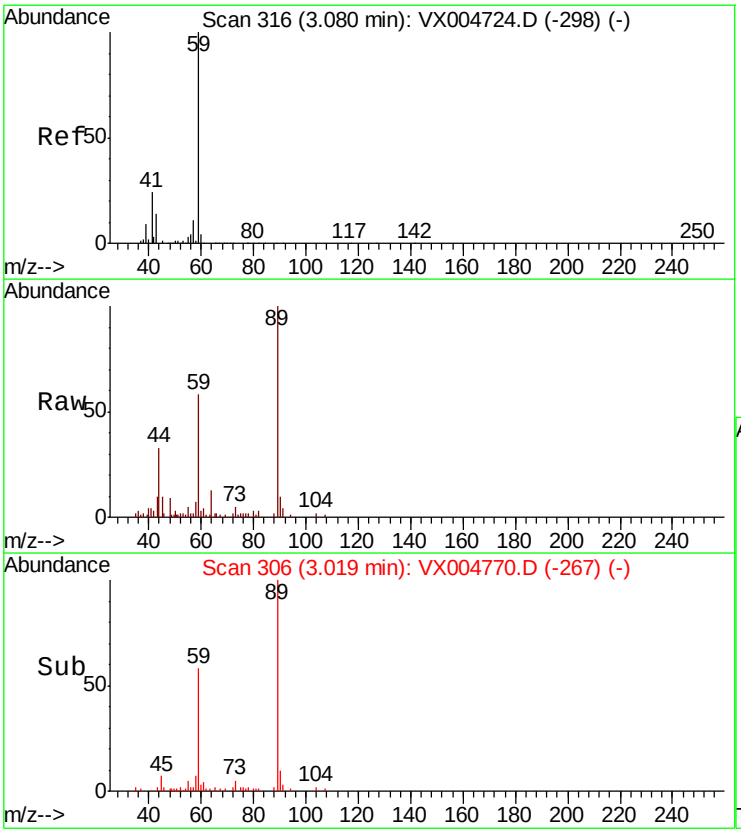
#6
Chloroethane
Concen: Below Cal
RT: 1.58 min Scan# 70
Delta R.T. -0.13 min
Lab File: VX004770.D
Acq: 27 Sep 2018 13:30

Instrument :
MSVOA_X
ClientSampleId :
MW-55-SEP18

Tgt Ion: 64 Resp: 1265

Ion	Ratio	Lower	Upper
64	100		
66	3.2	24.6	36.8#

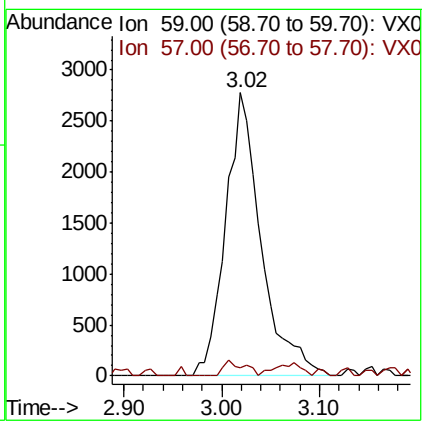


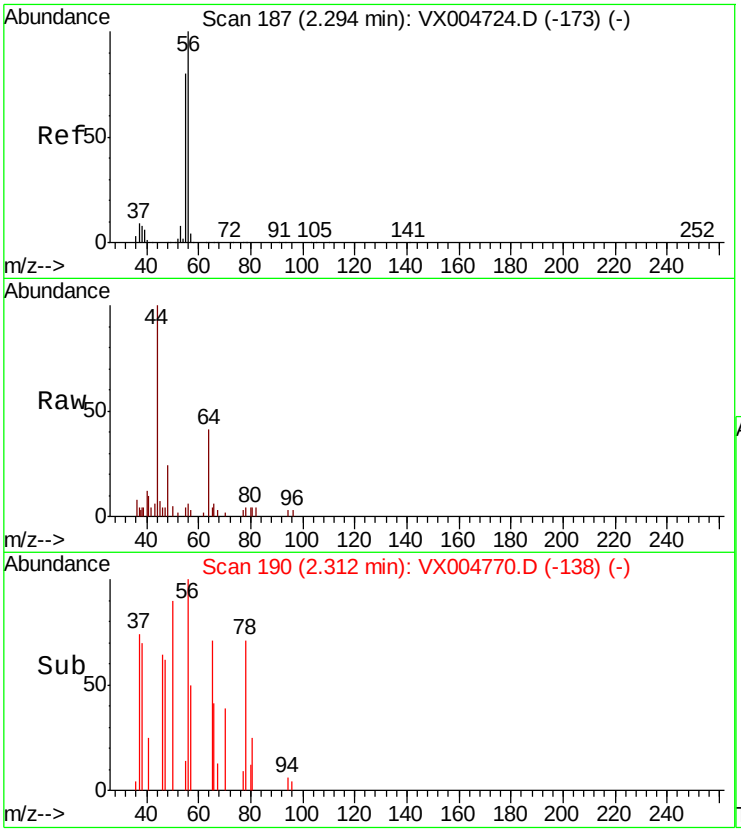


#11
Tert butyl alcohol
Concen: 6.614 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX004770.D
Acq: 27 Sep 2018 13:30

Tgt Ion: 59 Resp: 7034

Ion	Ratio	Lower	Upper
59	100		
57	3.2	8.2	12.4#



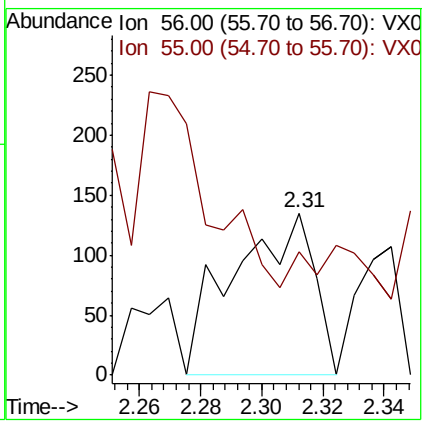


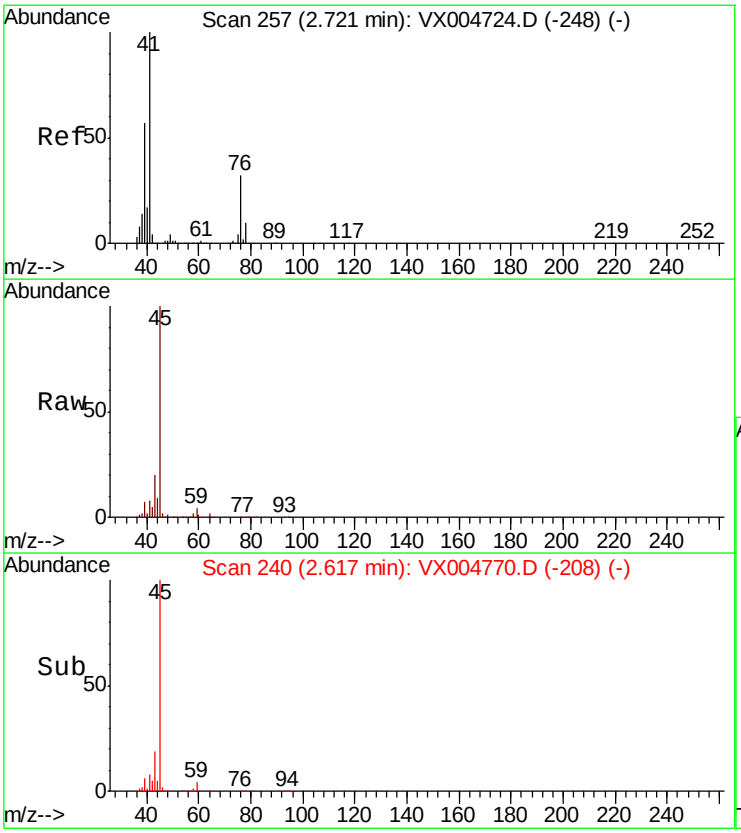
#13
Acrolein
Concen: 0.326 ug/l
RT: 2.31 min Scan# 190
Delta R.T. 0.02 min
Lab File: VX004770.D
Acq: 27 Sep 2018 13:30

Instrument : MSVOA_X
ClientSampleId : MW-55-SEP18

Tgt Ion: 56 Resp: 247

Ion	Ratio	Lower	Upper
56	100		
55	0.0	54.7	82.1#

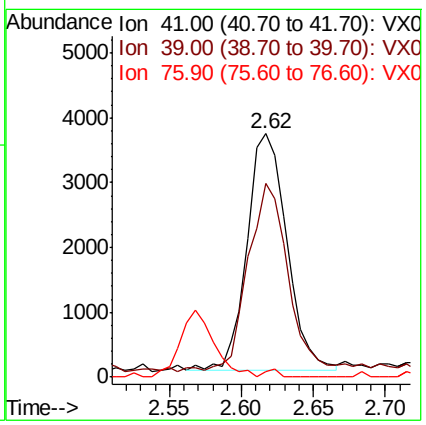


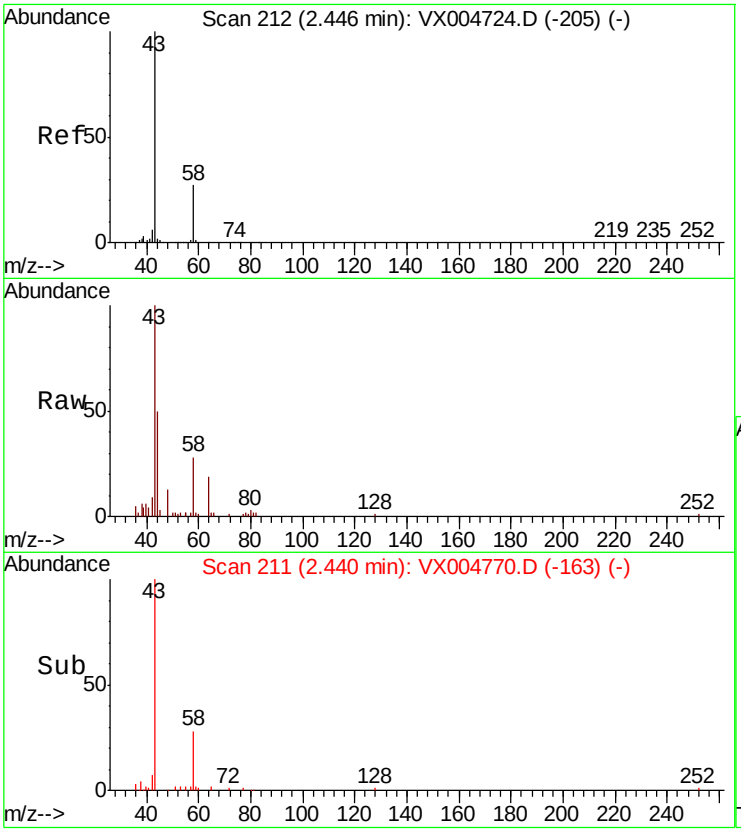


#14
Allyl chloride
Concen: 1.117 ug/l
RT: 2.62 min Scan# 240
Delta R.T. -0.10 min
Lab File: VX004770.D
Acq: 27 Sep 2018 13:30

Tgt Ion: 41 Resp: 7030

Ion	Ratio	Lower	Upper
41	100		
39	79.6	48.9	73.3#
76	1.1	26.7	40.1#



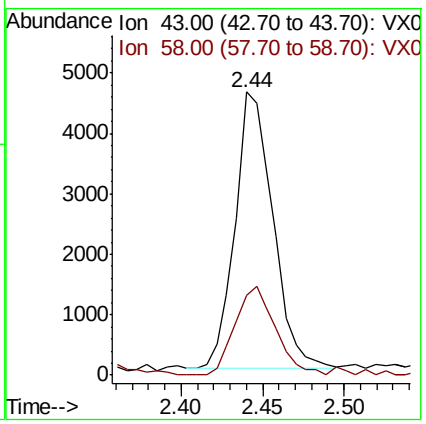


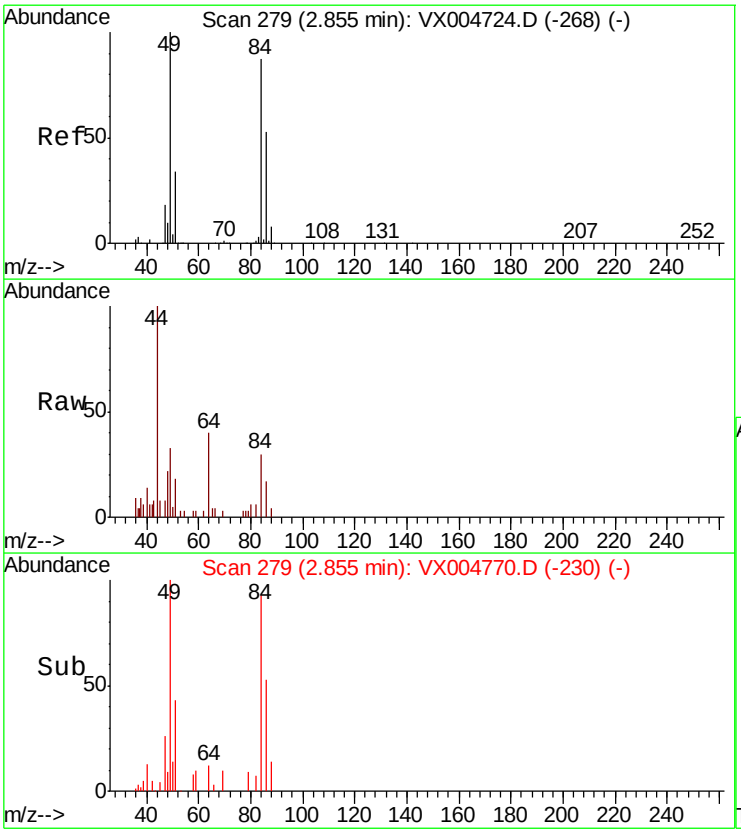
#16
Acetone
Concen: 3.339 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX004770.D
Acq: 27 Sep 2018 13:30

Instrument :
MSVOA_X
ClientSampleId :
MW-55-SEP18

Tgt Ion: 43 Resp: 7415

Ion	Ratio	Lower	Upper
43	100		
58	28.8	26.2	39.4

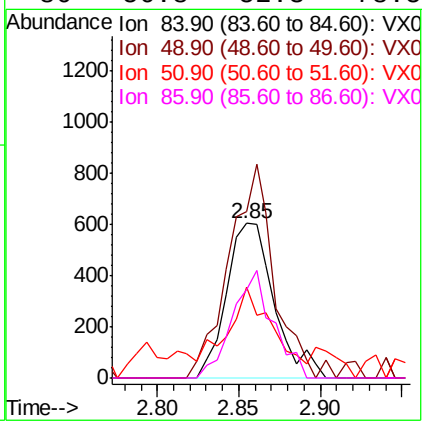


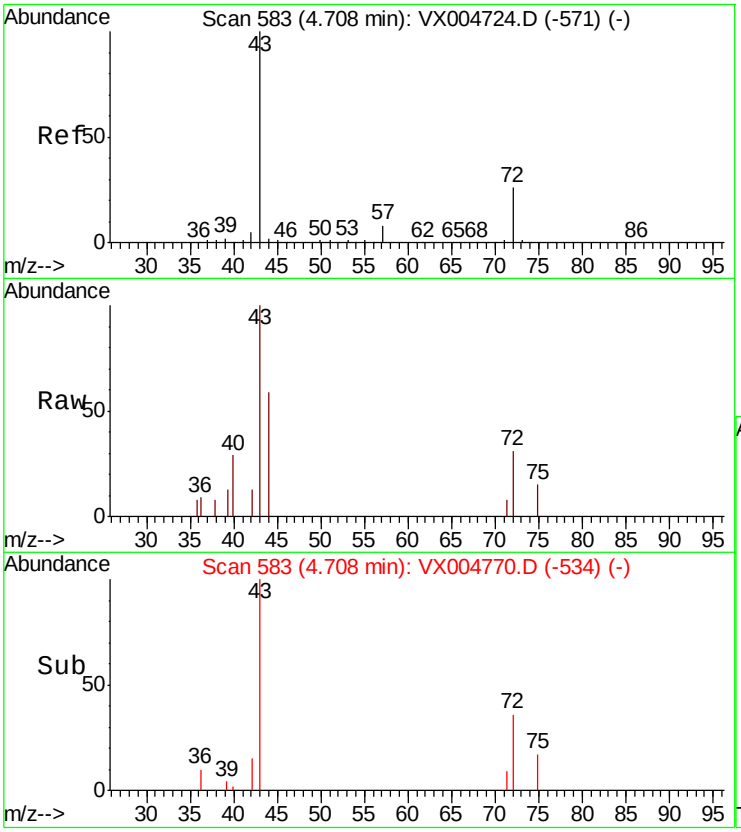


#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004770.D
Acq: 27 Sep 2018 13:30

Tgt Ion: 84 Resp: 1232

Ion	Ratio	Lower	Upper
84	100		
49	107.8	101.2	151.8
51	45.5	29.5	44.3#
86	56.8	52.3	78.5



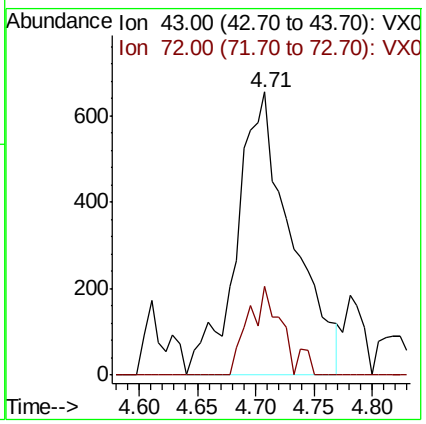


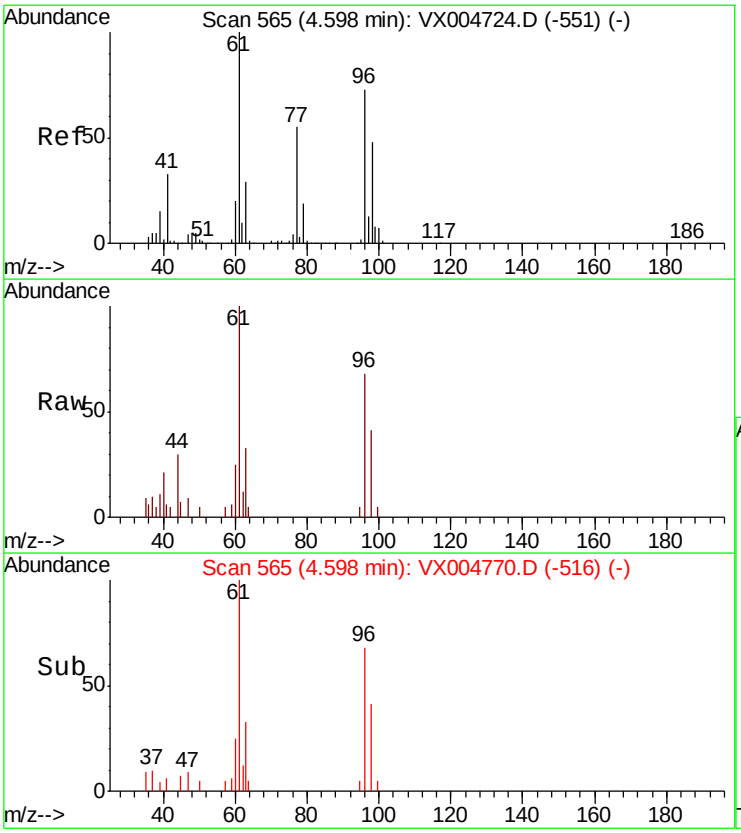
#25
2-Butanone
Concen: 0.657 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX004770.D
Acq: 27 Sep 2018 13:30

Instrument :
MSVOA_X
ClientSampleId :
MW-55-SEP18

Tgt Ion: 43 Resp: 2150

Ion	Ratio	Lower	Upper
43	100		
72	31.5	22.0	33.0

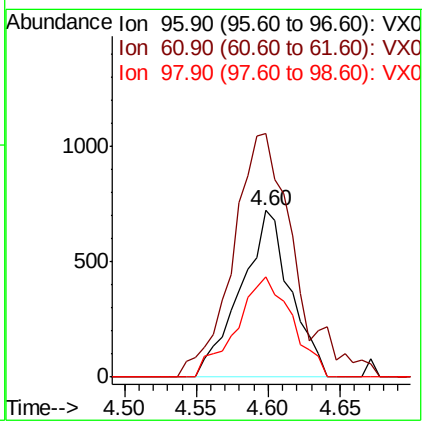


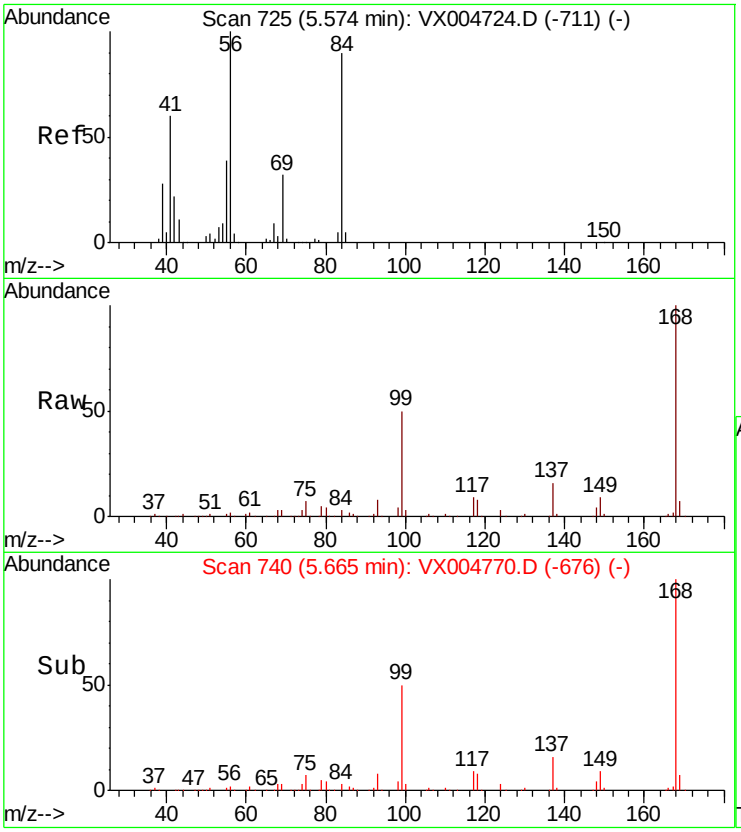


#27
cis-1,2-Dichloroethene
Concen: 0.493 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX004770.D
Acq: 27 Sep 2018 13:30

Tgt Ion: 96 Resp: 1741

Ion	Ratio	Lower	Upper
96	100		
61	179.8	0.0	282.6
98	66.7	0.0	130.2



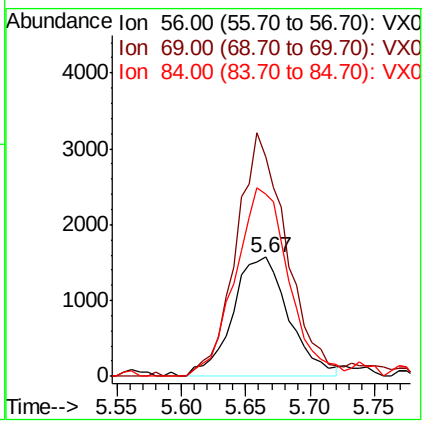


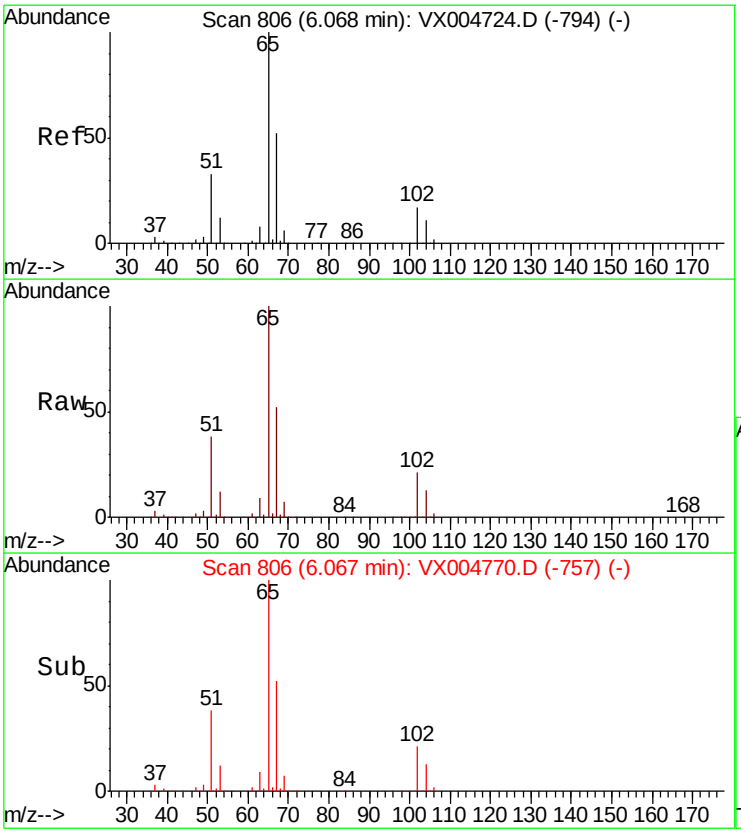
#31
Cyclohexane
Concen: 0.983 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX004770.D
Acq: 27 Sep 2018 13:30

Instrument :
MSVOA_X
ClientSampleId :
MW-55-SEP18

Tgt Ion: 56 Resp: 4756

Ion	Ratio	Lower	Upper
56	100		
69	184.4	25.4	38.2#
84	153.0	71.4	107.2#

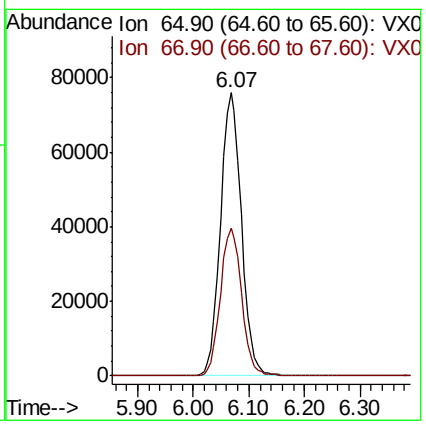


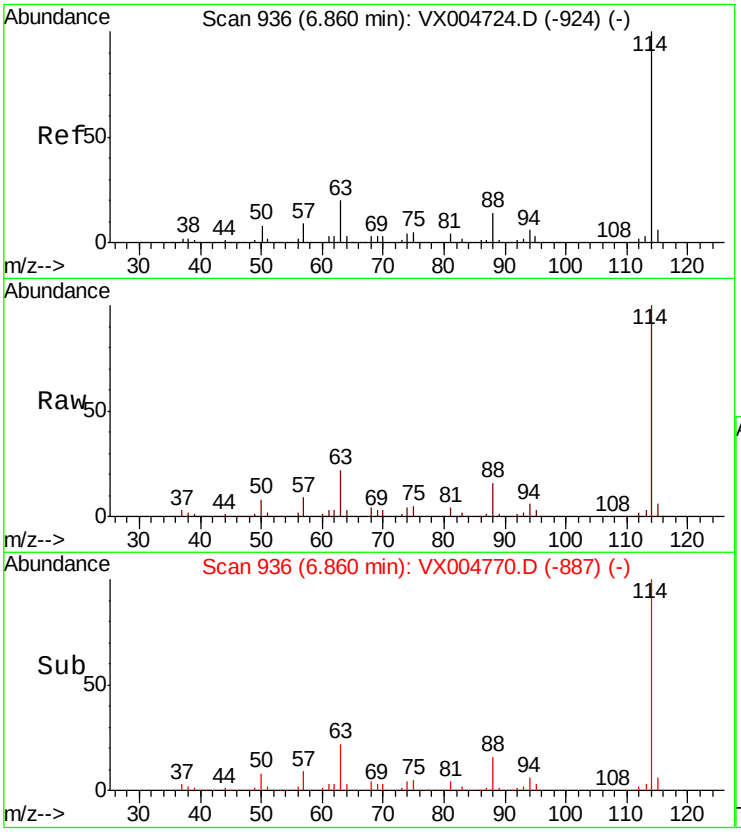


#33
1,2-Dichloroethane-d4
Concen: 52.031 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004770.D
Acq: 27 Sep 2018 13:30

Tgt Ion: 65 Resp: 197892

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	106.8



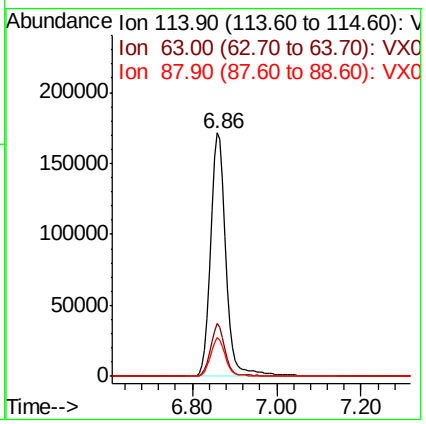


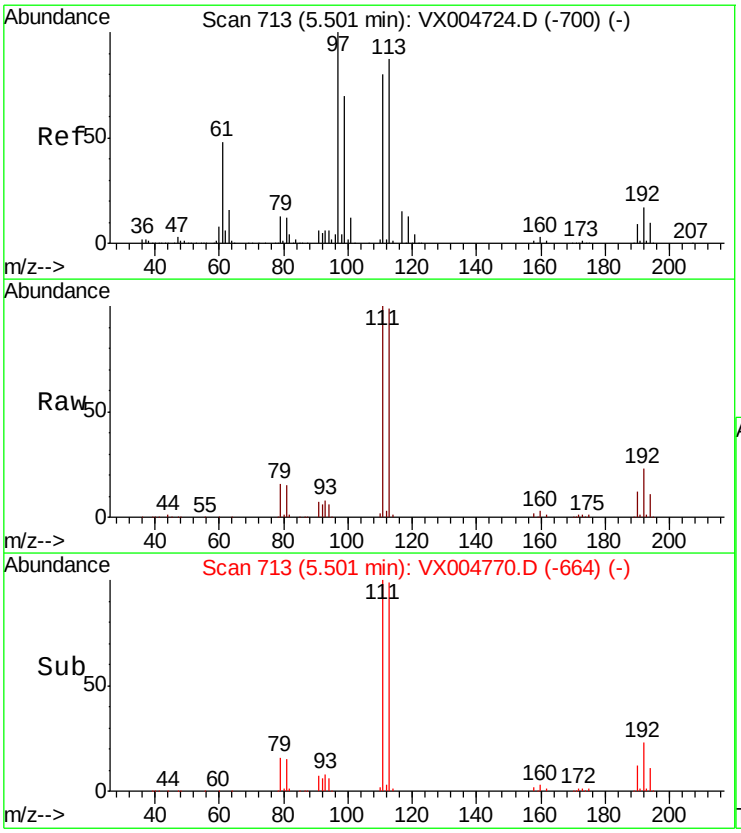
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX004770.D
Acq: 27 Sep 2018 13:30

Instrument :
MSVOA_X
ClientSampleId :
MW-55-SEP18

Tgt Ion:114 Resp: 434904

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	39.0
88	15.8	0.0	30.4

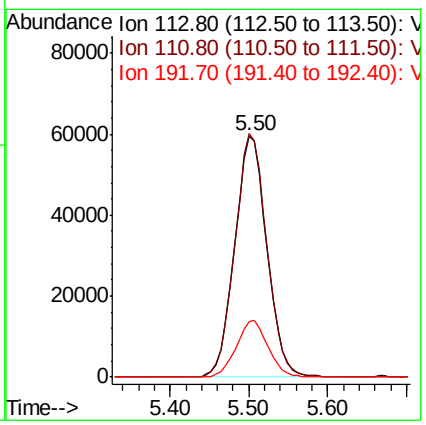


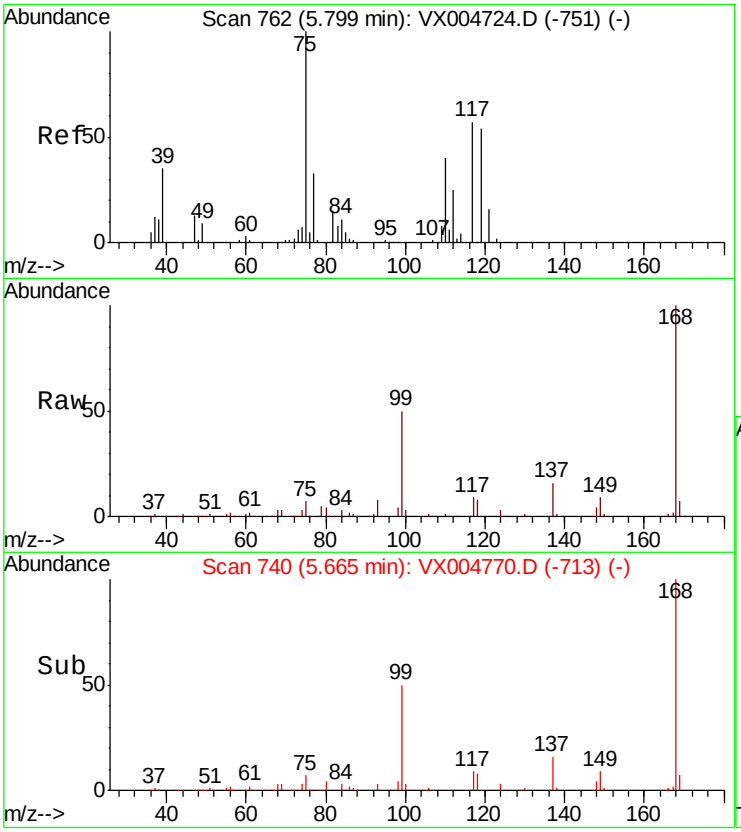


#35
Dibromofluoromethane
Concen: 45.738 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX004770.D
Acq: 27 Sep 2018 13:30

Tgt Ion:113 Resp: 168583

Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.4	123.6
192	23.1	19.4	29.2



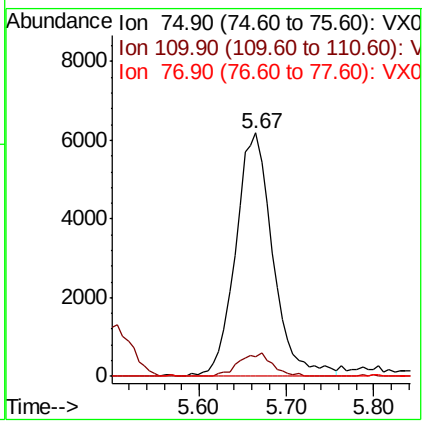


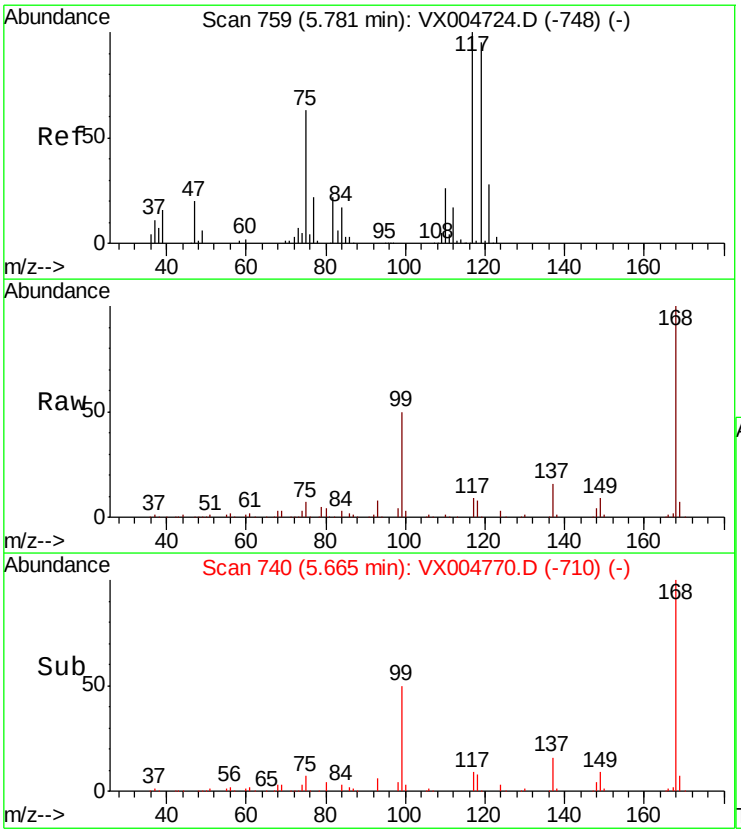
#36
1,1-Dichloropropene
Concen: 3.638 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX004770.D
Acq: 27 Sep 2018 13:30

Instrument :
MSVOA_X
ClientSampleId :
MW-55-SEP18

Tgt Ion: 75 Resp: 18296

Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.0	54.0#
77	0.0	24.6	36.8#

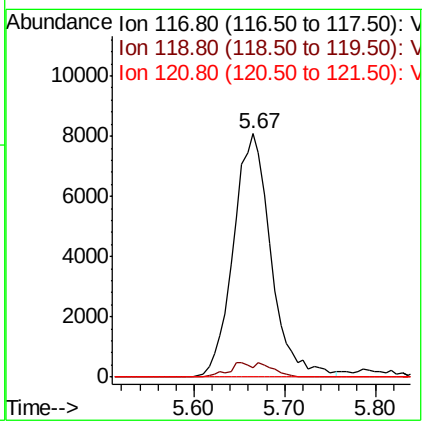


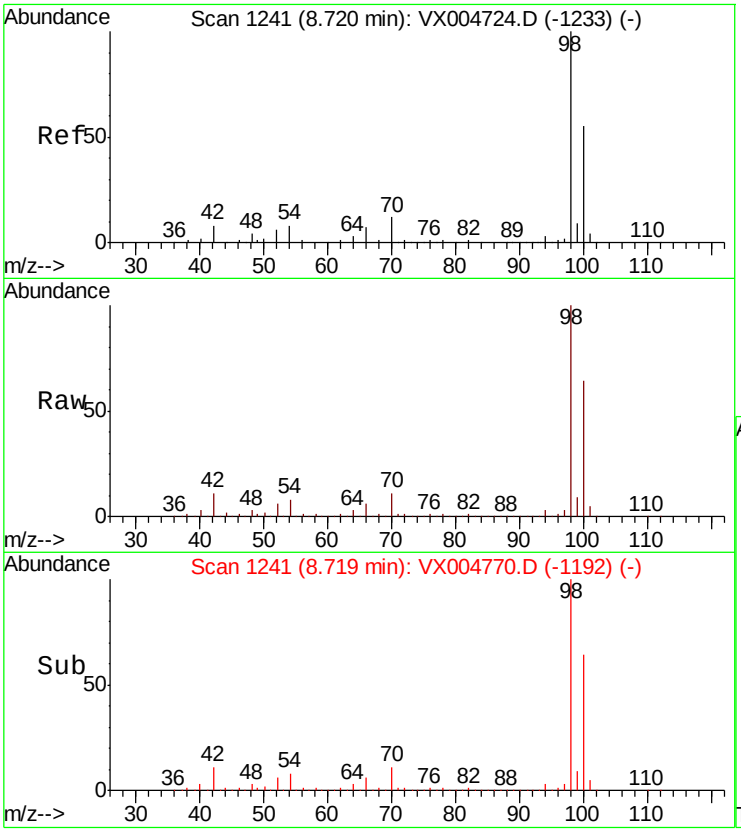


#38
Carbon Tetrachloride
Concen: 4.386 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX004770.D
Acq: 27 Sep 2018 13:30

Tgt Ion:117 Resp: 23185

Ion	Ratio	Lower	Upper
117	100		
119	3.6	78.8	118.2#
121	0.0	24.9	37.3#



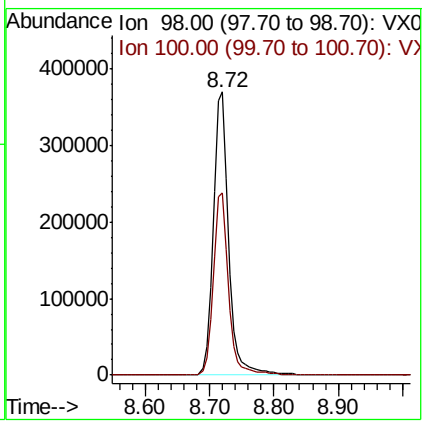


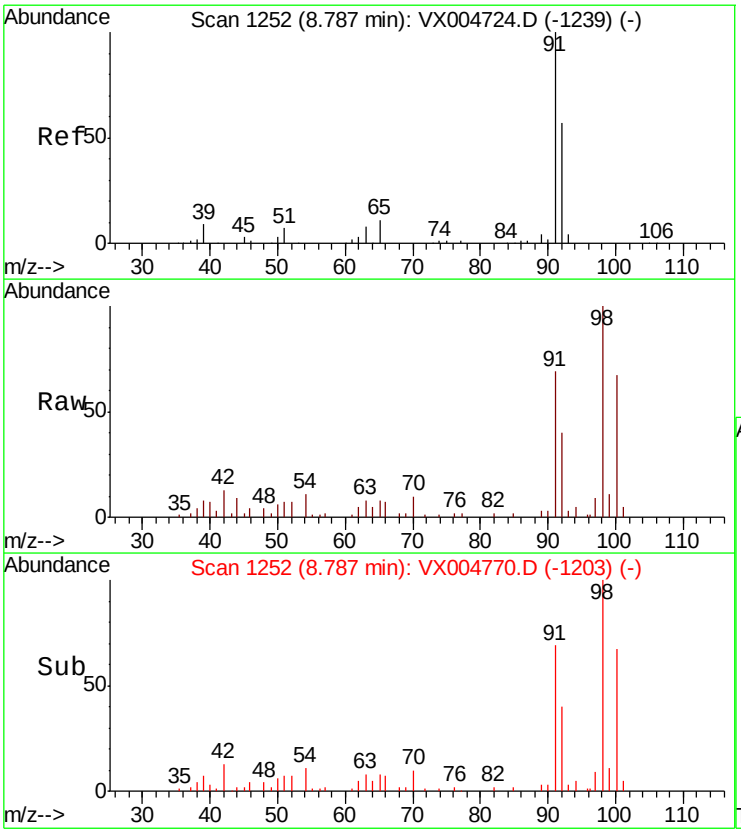
#50
Toluene-d8
Concen: 50.747 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004770.D
Acq: 27 Sep 2018 13:30

Instrument :
MSVOA_X
ClientSampleId :
MW-55-SEP18

Tgt Ion: 98 Resp: 621838

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.9	79.3

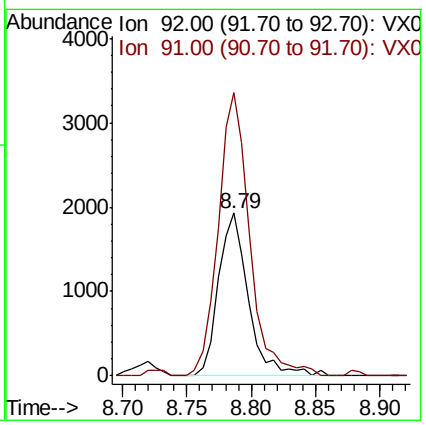


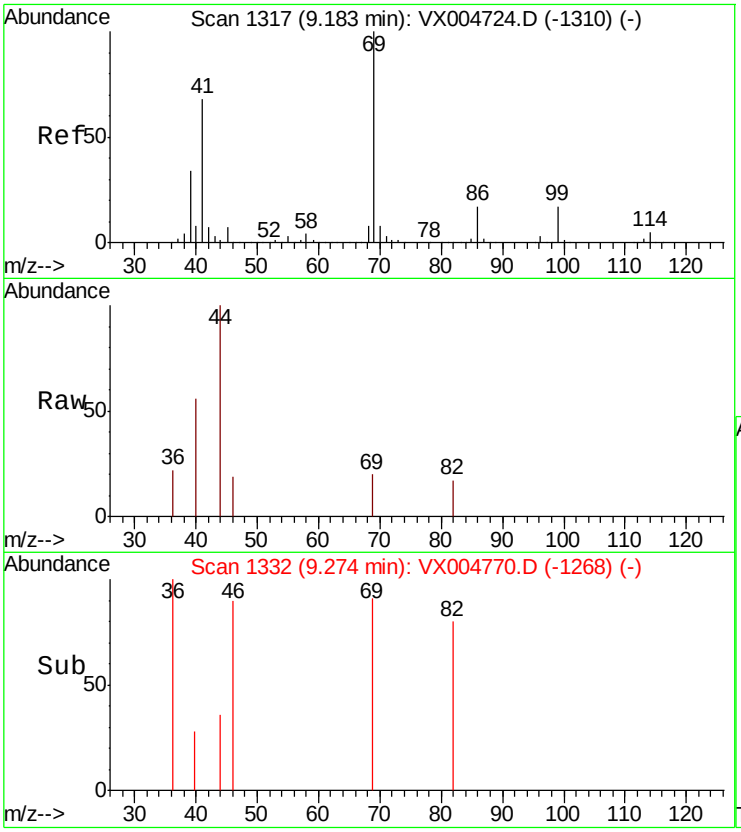


#52
Toluene
Concen: 0.364 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004770.D
Acq: 27 Sep 2018 13:30

Tgt Ion: 92 Resp: 3152

Ion	Ratio	Lower	Upper
92	100		
91	182.2	136.4	204.6



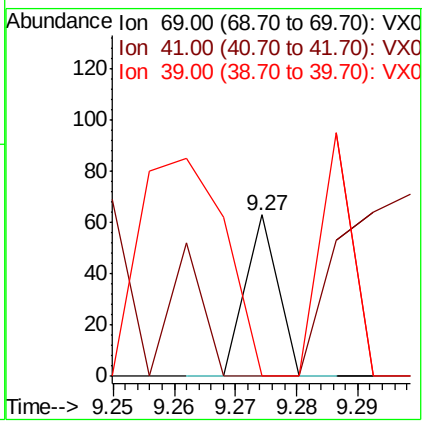


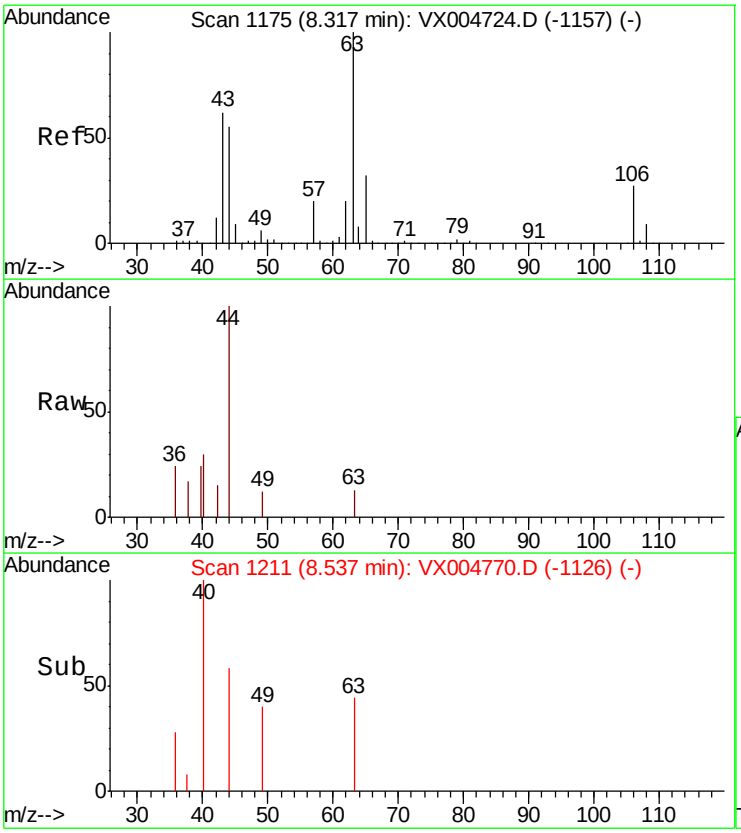
#56
Ethyl methacrylate
Concen: 2.866 ug/l
RT: 9.27 min Scan# 1332
Delta R.T. 0.09 min
Lab File: VX004770.D
Acq: 27 Sep 2018 13:30

Instrument : MSVOA_X
ClientSampleId : MW-55-SEP18

Tgt Ion: 69 Resp: 23

Ion	Ratio	Lower	Upper
69	100		
41	0.0	51.0	76.4#
39	152.2	26.1	39.1#

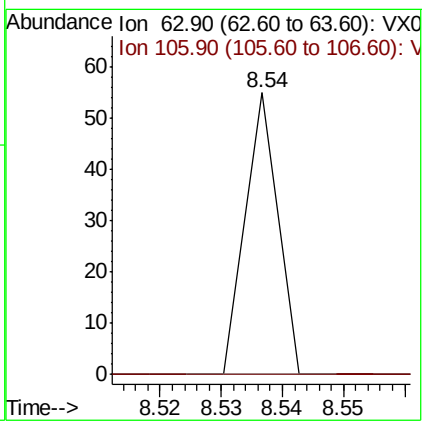


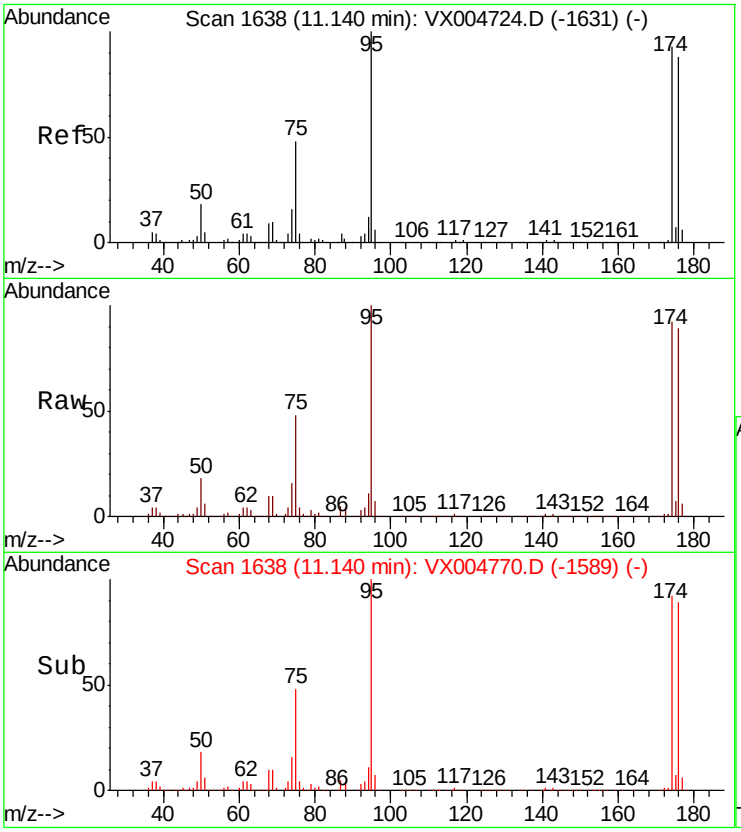


#58
2-Chloroethyl Vinyl ether
Concen: 14.248 ug/l
RT: 8.54 min Scan# 1211
Delta R.T. 0.22 min
Lab File: VX004770.D
Acq: 27 Sep 2018 13:30

Tgt Ion: 63 Resp: 20

Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.9	35.9#



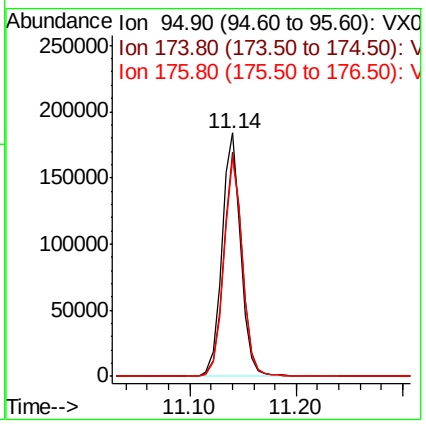


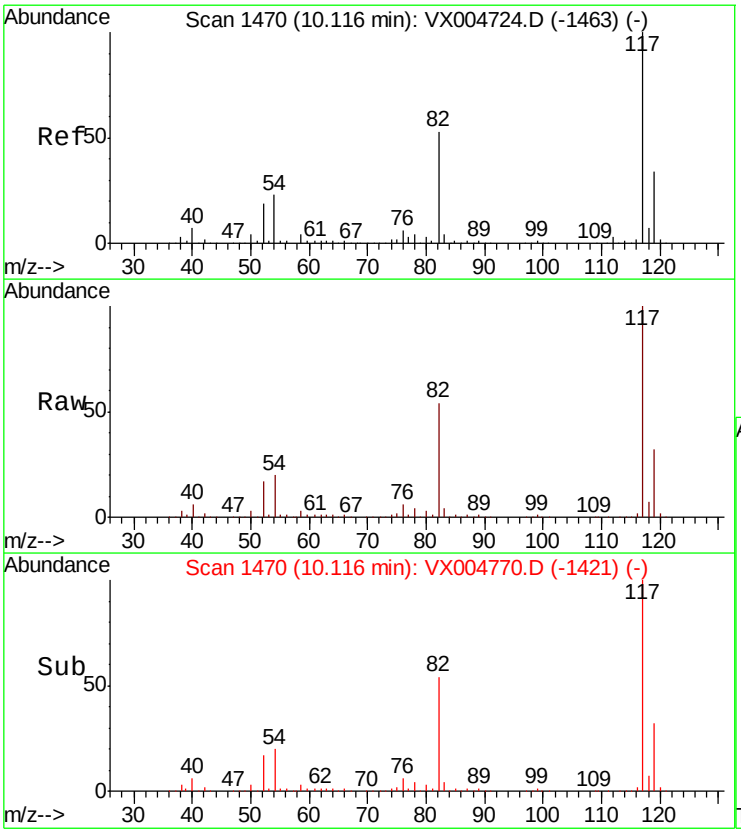
#62
4-Bromofluorobenzene
Concen: 51.319 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004770.D
Acq: 27 Sep 2018 13:30

Instrument :
MSVOA_X
ClientSampleId :
MW-55-SEP18

Tgt Ion: 95 Resp: 226545

Ion	Ratio	Lower	Upper
95	100		
174	91.6	0.0	185.2
176	88.8	0.0	178.6

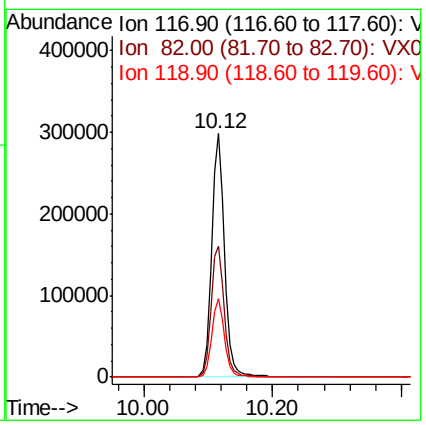


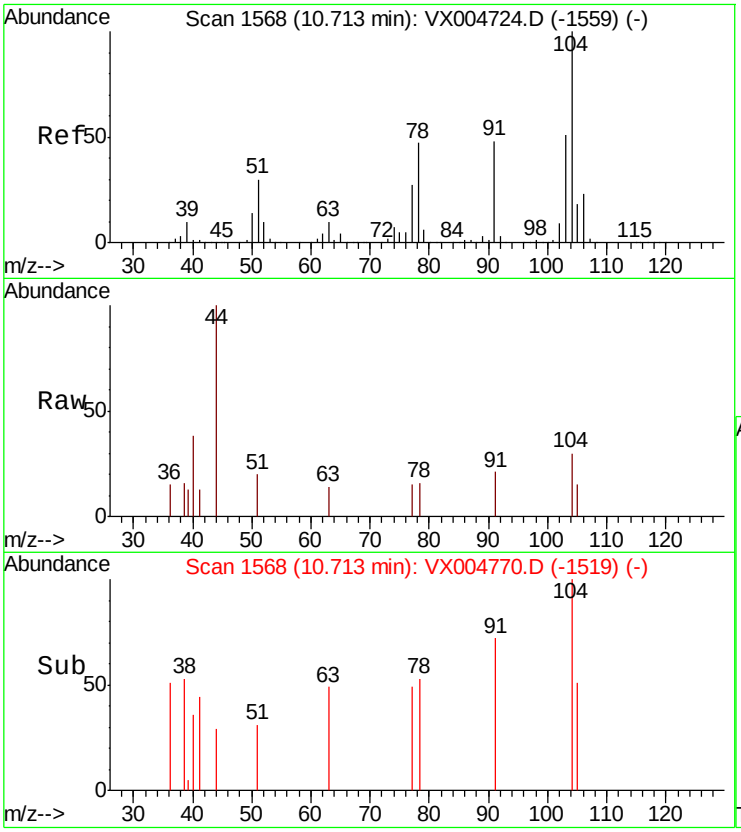


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004770.D
Acq: 27 Sep 2018 13:30

Tgt Ion:117 Resp: 418417

Ion	Ratio	Lower	Upper
117	100		
82	53.9	47.8	71.6
119	32.0	29.3	43.9



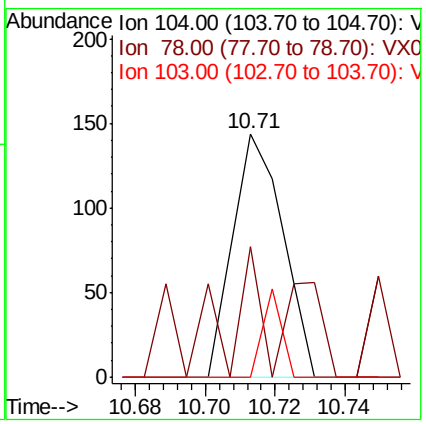


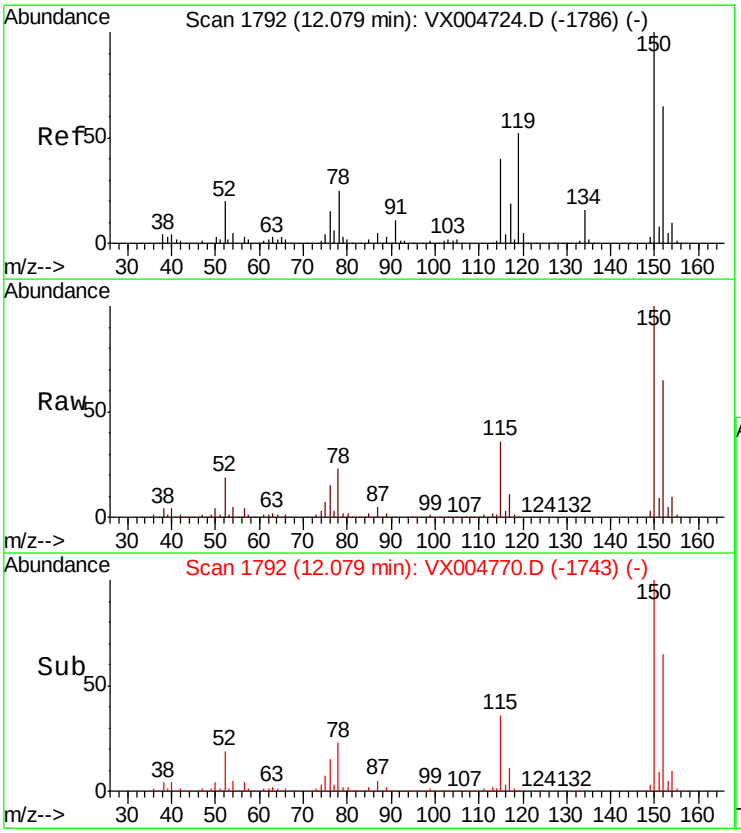
#70
Stvrene
Concen: 2.152 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004770.D
Acq: 27 Sep 2018 13:30

Instrument :
MSVOA_X
ClientSampleId :
MW-55-SEP18

Tgt Ion:104 Resp: 143

Ion	Ratio	Lower	Upper
104	100		
78	19.6	37.4	56.0#
103	13.3	43.8	65.6#

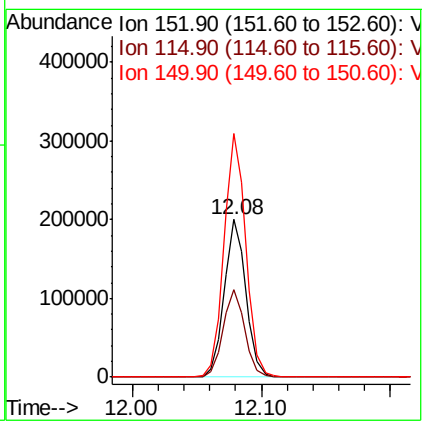


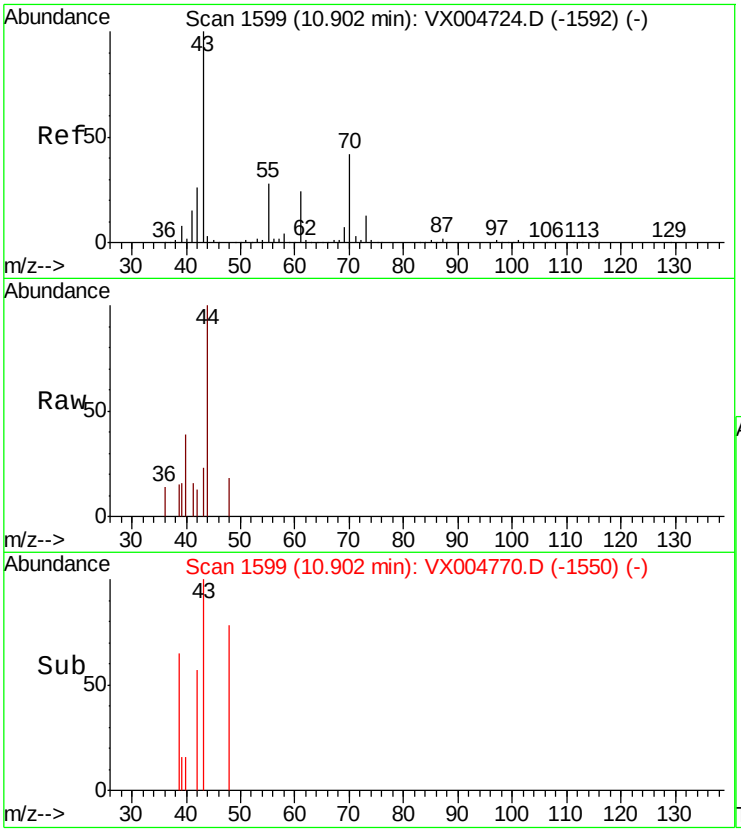


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004770.D
Acq: 27 Sep 2018 13:30

Tgt Ion:152 Resp: 236132

Ion	Ratio	Lower	Upper
152	100		
115	55.5	39.0	117.0
150	156.0	0.0	351.0



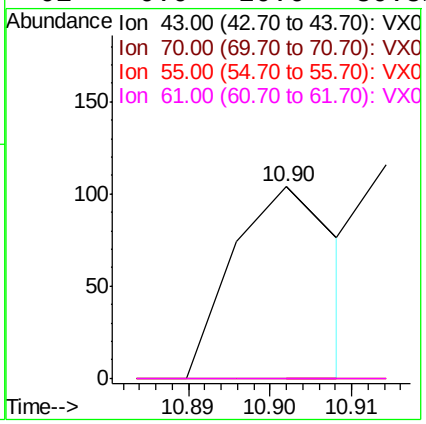


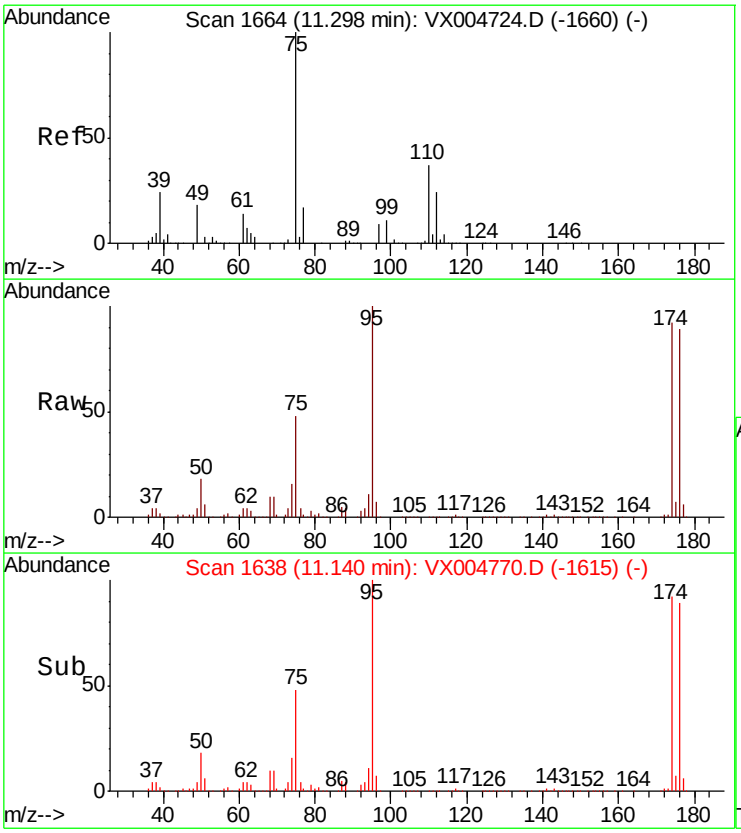
#74
N-amyl acetate
Concen: 1.759 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VX004770.D
Acq: 27 Sep 2018 13:30

Instrument : MSVOA_X
ClientSampleId : MW-55-SEP18

Tgt Ion: 43 Resp: 93

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#

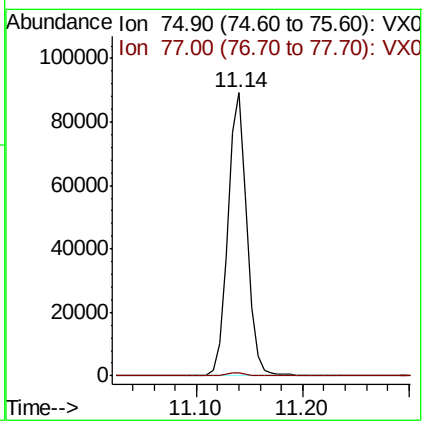


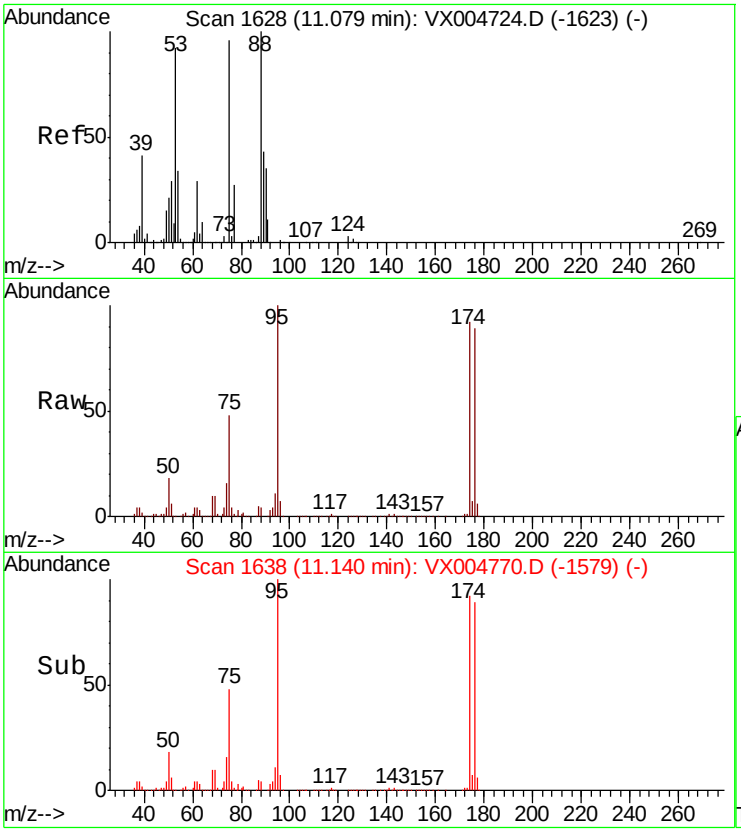


#76
1,2,3-Trichloropropane
Concen: 21.111 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004770.D
Acq: 27 Sep 2018 13:30

Tgt Ion: 75 Resp: 111729

Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.2	60.6#



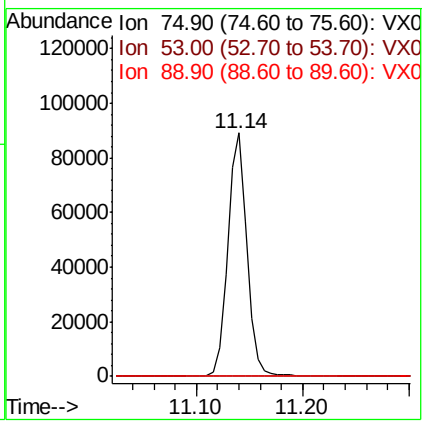


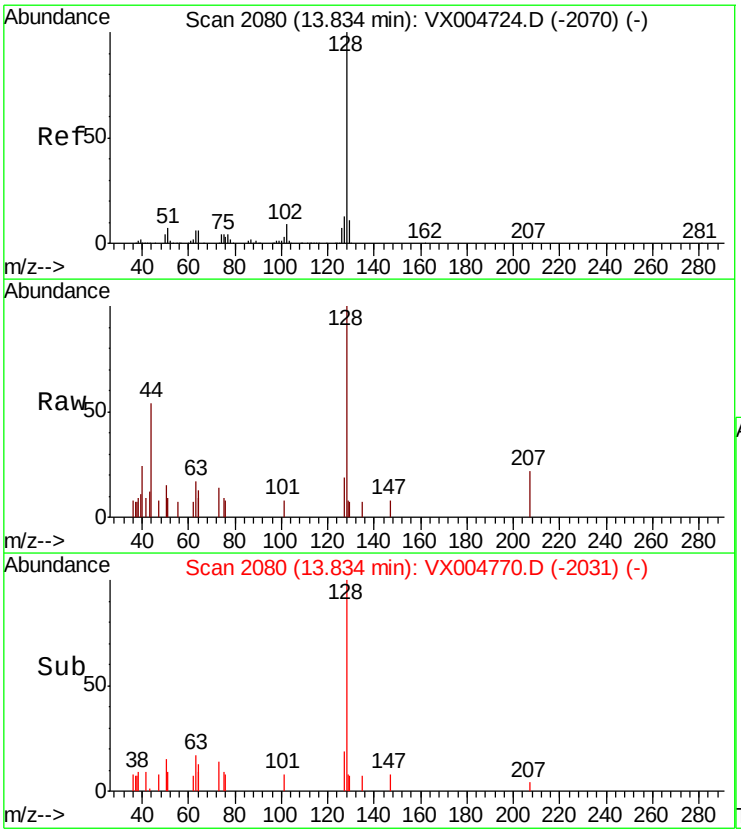
#81
trans-1,4-Dichloro-2-butene
Concen: 57.275 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX004770.D
Acq: 27 Sep 2018 13:30

Instrument :
MSVOA_X
ClientSampleId :
MW-55-SEP18

Tgt Ion: 75 Resp: 111729

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





#95
Naphthalene
Concen: 0.771 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004770.D
Acq: 27 Sep 2018 13:30

Tgt Ion:128 Resp: 1024

Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.2	15.2
129	5.6	8.6	12.8#