Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092718\
Data File : VX004795.D
Acq On : 28 Sep 2018 01:30
Operator : JC/MD
Sample : J5048-13 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-59-SEP18

Quant Time: Sep 28 06:03:57 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	5.66	168	227551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	371286	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	372105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208047	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	180066	55.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.80%			
35) Dibromofluoromethane	5.51	113	149898	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.28%			
50) Toluene-d8	8.72	98	546665	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.52%			
62) 4-Bromofluorobenzene	11.14	95	198323	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.24%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.40	62	6646	1.882	ug/l	98
5) Bromomethane	1.64	94	769	0.367	ug/l	97
6) Chloroethane	1.62	64	4353	Below Cal	#	63
9) 1,1,2-Trichlorotrifluoroet	2.38	101	8111	3.258	ug/l	98
11) Tert butyl alcohol	3.02	59	8489	9.340	ug/l #	77
12) 1,1-Dichloroethene	2.37	96	4878	1.978	ug/l	95
13) Acrolein	2.28	56	251	0.388	ug/l	91
14) Allyl chloride	2.62	41	3934	0.731	ug/l #	63
16) Acetone	2.45	43	17661	9.306	ug/l	99
20) Methylene Chloride	2.85	84	886	Below Cal	#	69
24) 1,1-Dichloroethane	3.70	63	9445	1.748	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	252969	83.899	ug/l	96
29) Tetrahydrofuran	5.18	42	1006	0.579	ug/l #	55
30) Chloroform	5.21	83	1391	0.272	ug/l #	81
31) Cyclohexane	5.66	56	4420	1.069	ug/l #	1
32) 1,1,1-Trichloroethane	5.49	97	17323	4.153	ug/l	98
36) 1,1-Dichloropropene	5.66	75	15245	3.551	ug/l #	50
38) Carbon Tetrachloride	5.66	117	20599	4.564	ug/l #	17
56) Ethyl methacrylate	9.33	69	22	2.866	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.32	63	21	14.249	ug/l #	45
70) Styrene	10.71	104	109	2.151	ug/l #	82
74) N-amyl acetate	10.89	43	175	1.771	ug/l #	37
76) 1,2,3-Trichloropropane	11.14	75	98523	21.128	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.51	105	428	Below Cal		90
81) trans-1,4-Dichloro-2-buten	11.14	75	98523	57.322	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	448	Below Cal		89
91) 1,2-Dichlorobenzene	12.40	146	6634	0.893	ug/l	98
95) Naphthalene	13.83	128	15236	1.587	ug/l	98

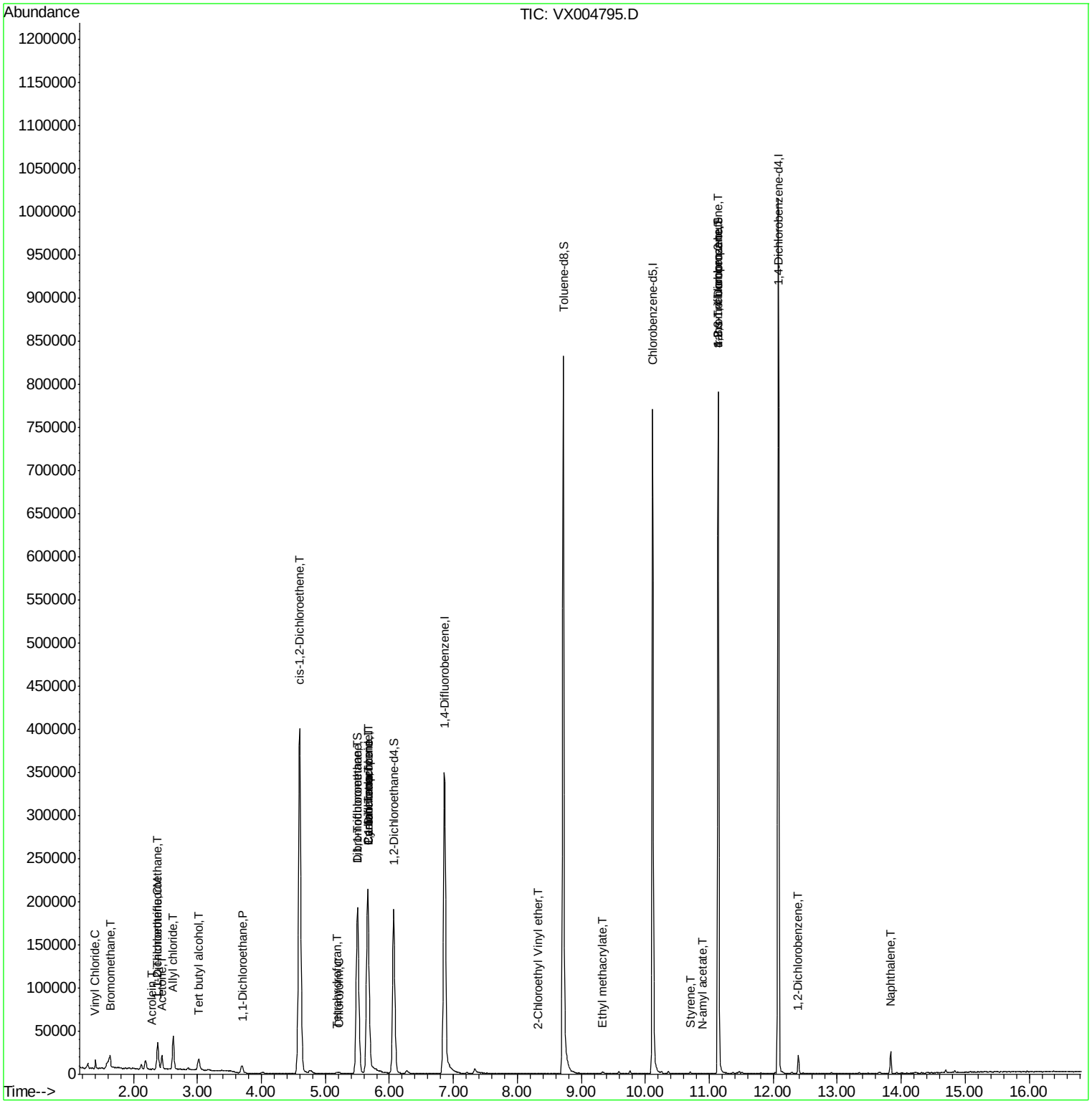
(#) = qualifier out of range (m) = manual integration (+) = signals summed

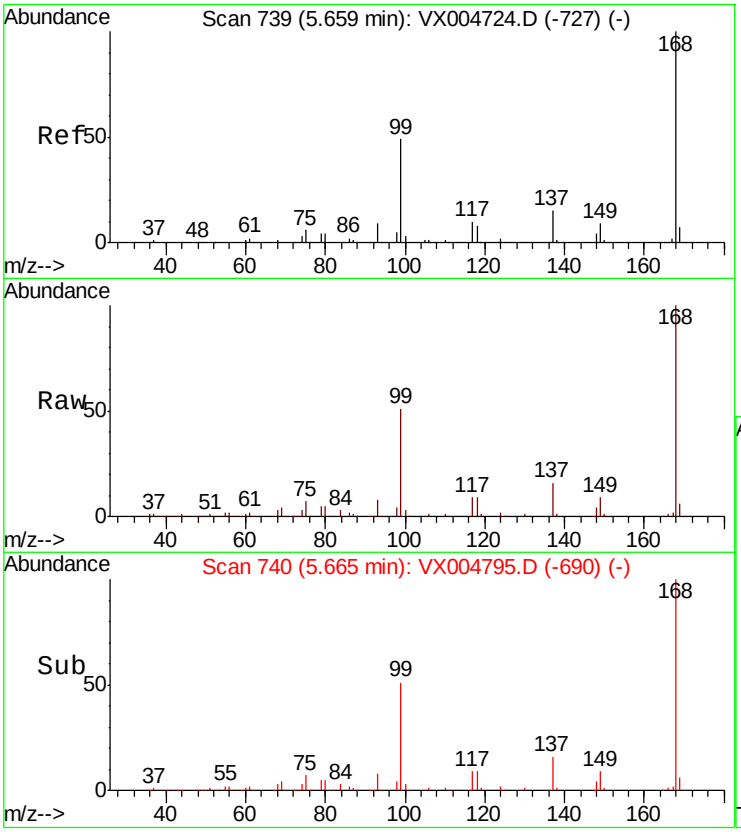
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
Data File : VX004795.D
Acq On : 28 Sep 2018 01:30
Operator : JC/MD
Sample : J5048-13 100X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-59-SEP18

Quant Time: Sep 28 06:03:57 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



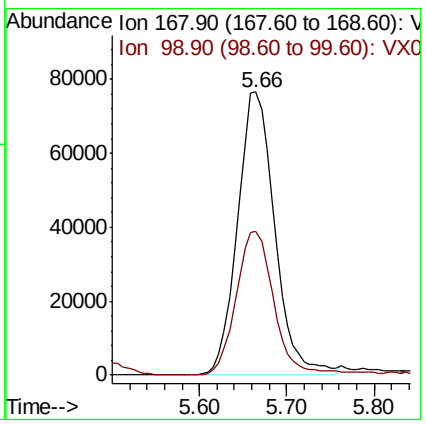


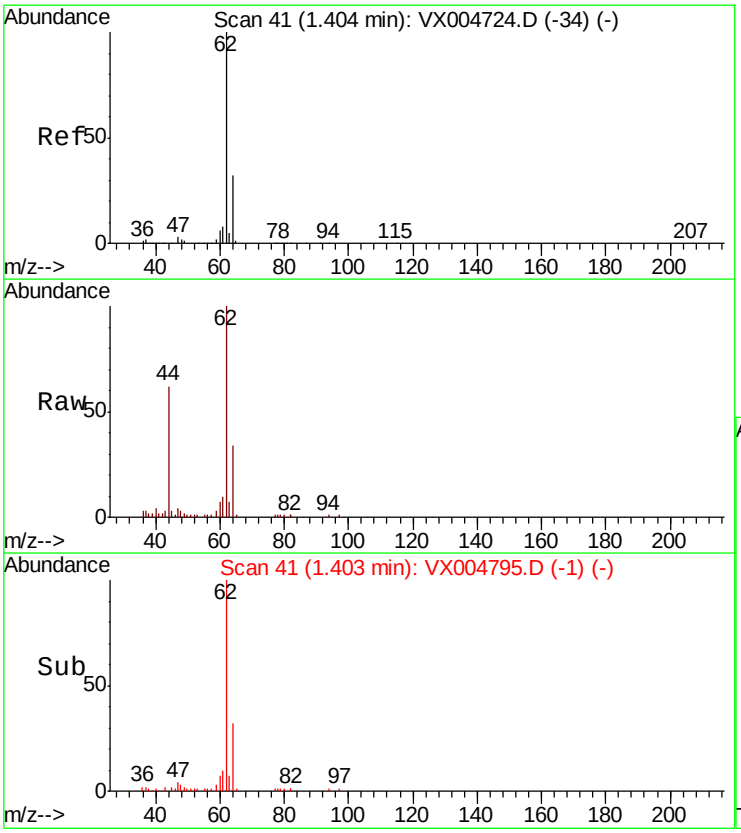
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
MW-59-SEP18

Tgt Ion:168 Resp: 227551

Ion	Ratio	Lower	Upper
168	100		
99	51.0	39.9	59.9

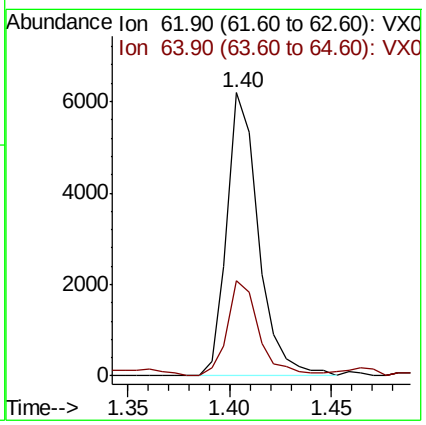


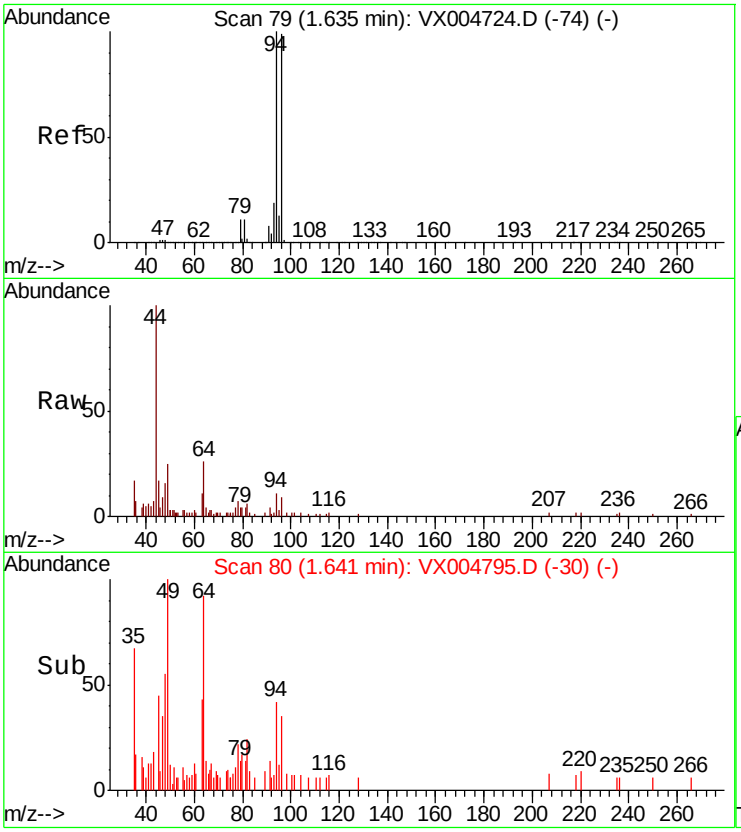


#4
Vinyl Chloride
Concen: 1.882 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.00 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Tgt Ion: 62 Resp: 6646

Ion	Ratio	Lower	Upper
62	100		
64	33.5	25.8	38.8



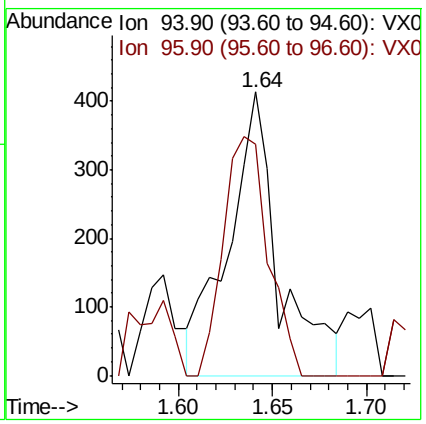


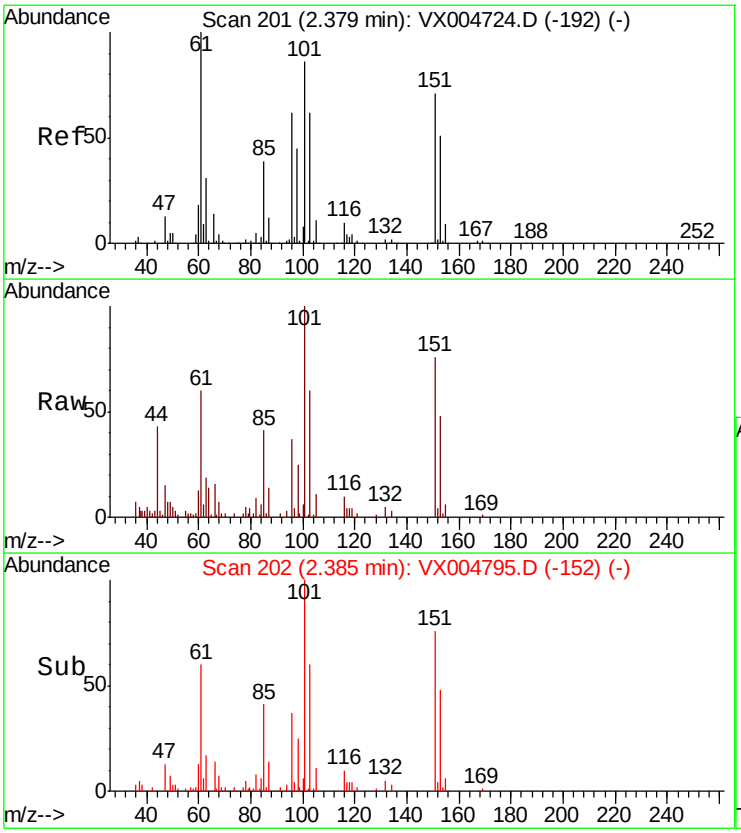
#5
Bromomethane
Concen: 0.367 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
MW-59-SEP18

Tgt Ion: 94 Resp: 769

Ion	Ratio	Lower	Upper
94	100		
96	96.0	74.5	111.7

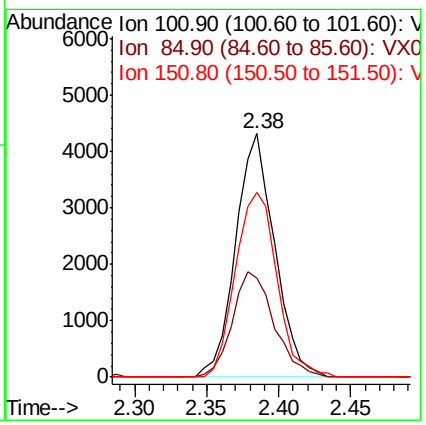


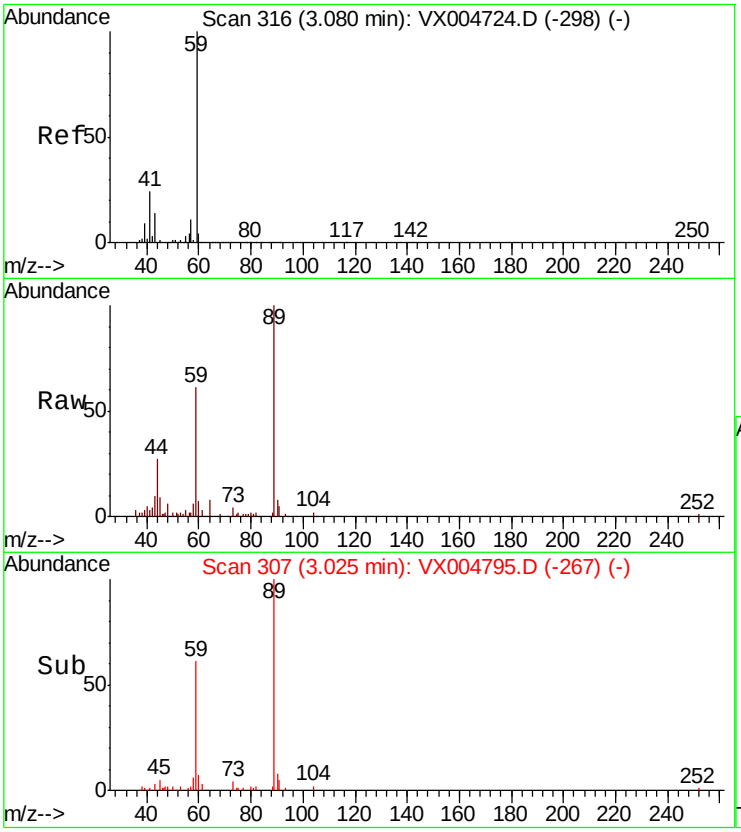


#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.258 ug/l
RT: 2.38 min Scan# 202
Delta R.T. 0.01 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Tgt Ion:101 Resp: 8111

Ion	Ratio	Lower	Upper
101	100		
85	46.1	34.2	51.4
151	80.9	65.0	97.6



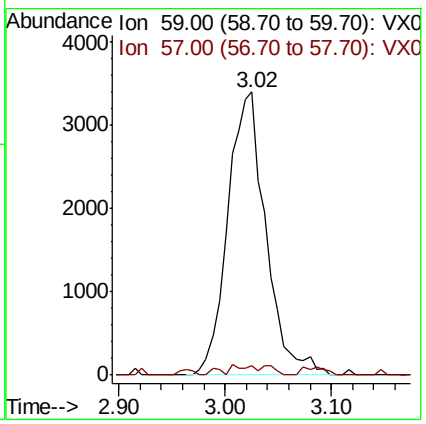


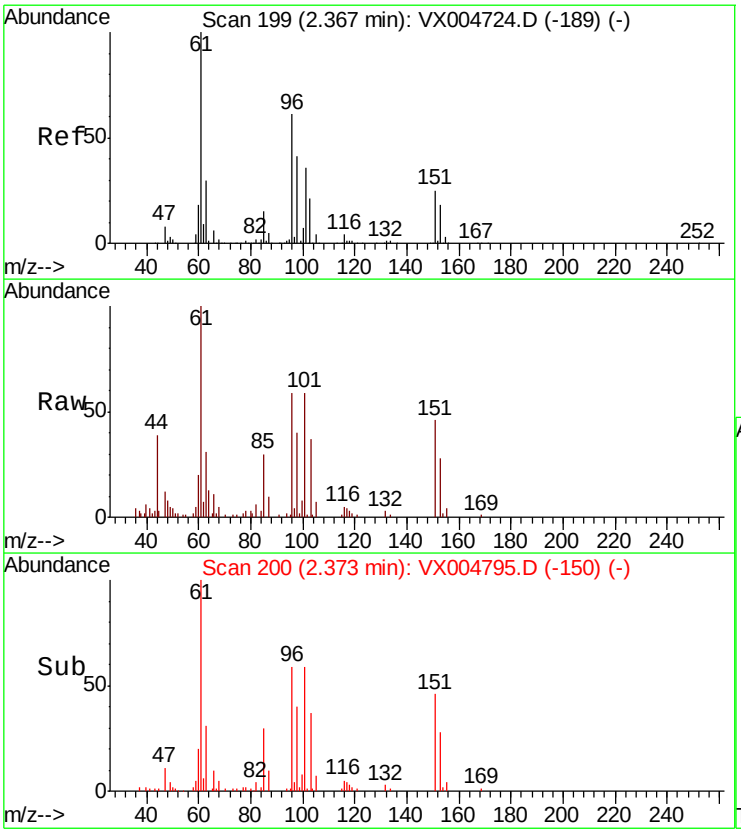
#11
Tert butyl alcohol
Concen: 9.340 ug/l
RT: 3.02 min Scan# 307
Delta R.T. -0.06 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
MW-59-SEP18

Tgt Ion: 59 Resp: 8489

Ion	Ratio	Lower	Upper
59	100		
57	1.9	8.2	12.4#

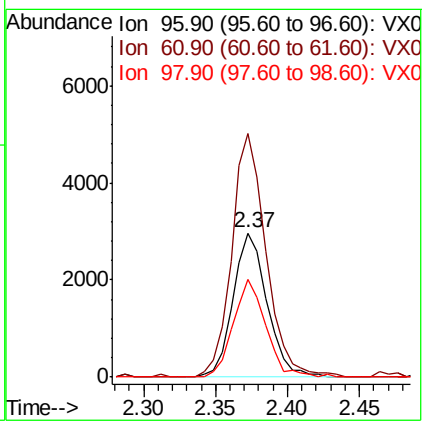


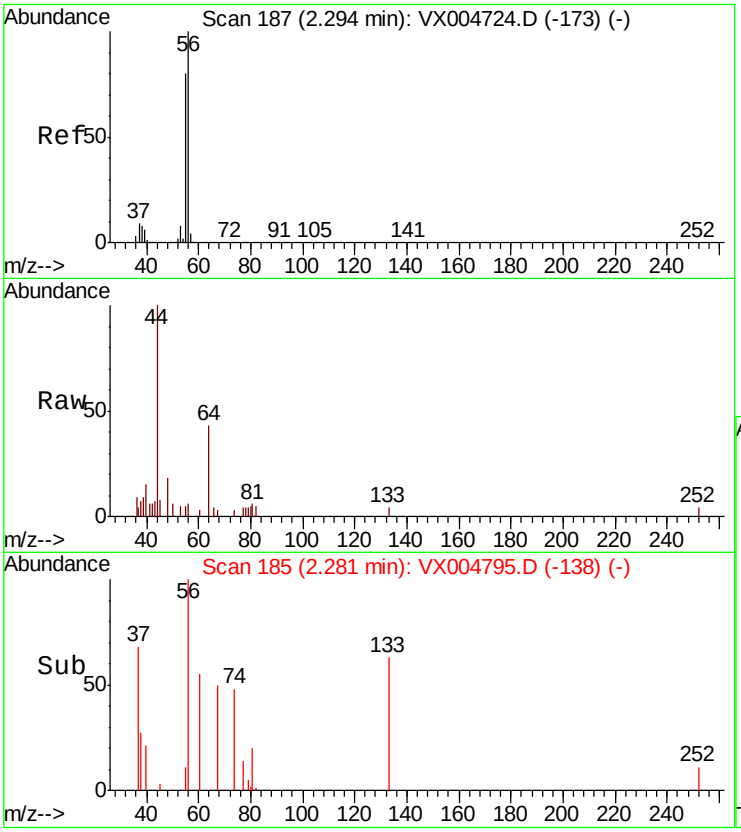


#12
1,1-Dichloroethene
Concen: 1.978 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Tgt Ion: 96 Resp: 4878

Ion	Ratio	Lower	Upper
96	100		
61	168.8	128.8	193.2
98	67.5	52.2	78.2



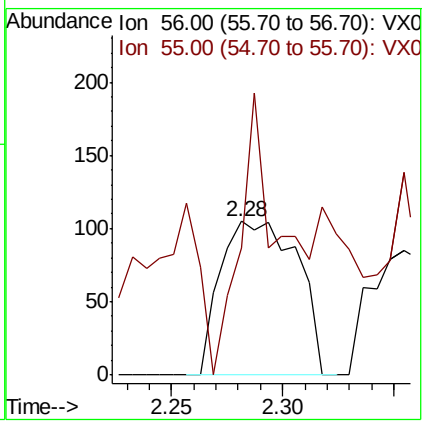


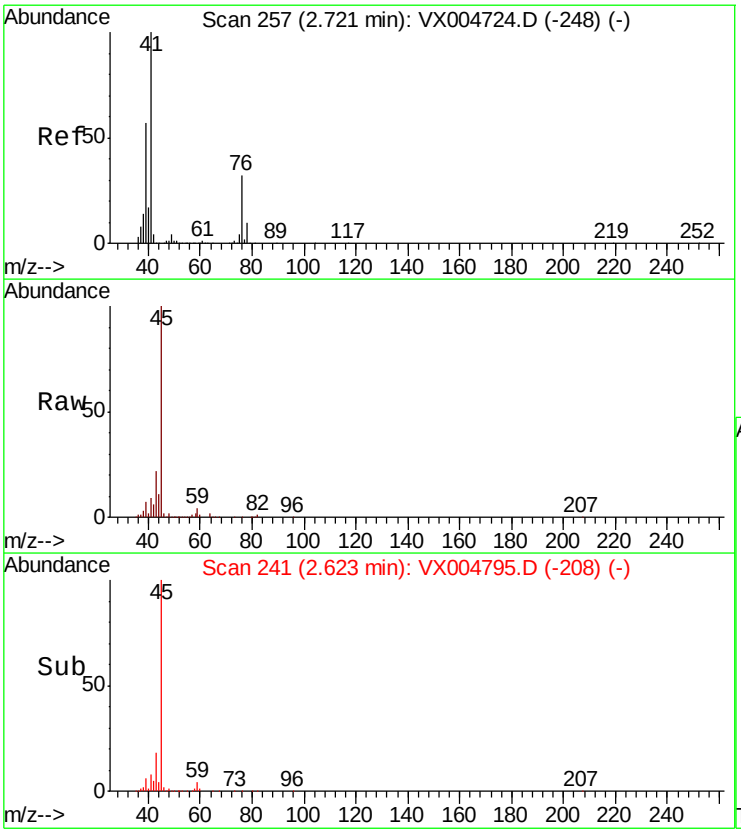
#13
Acrolein
Concen: 0.388 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
MW-59-SEP18

Tgt Ion: 56 Resp: 251

Ion	Ratio	Lower	Upper
56	100		
55	75.3	54.7	82.1

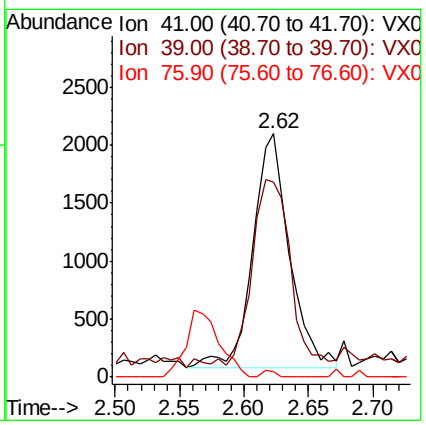


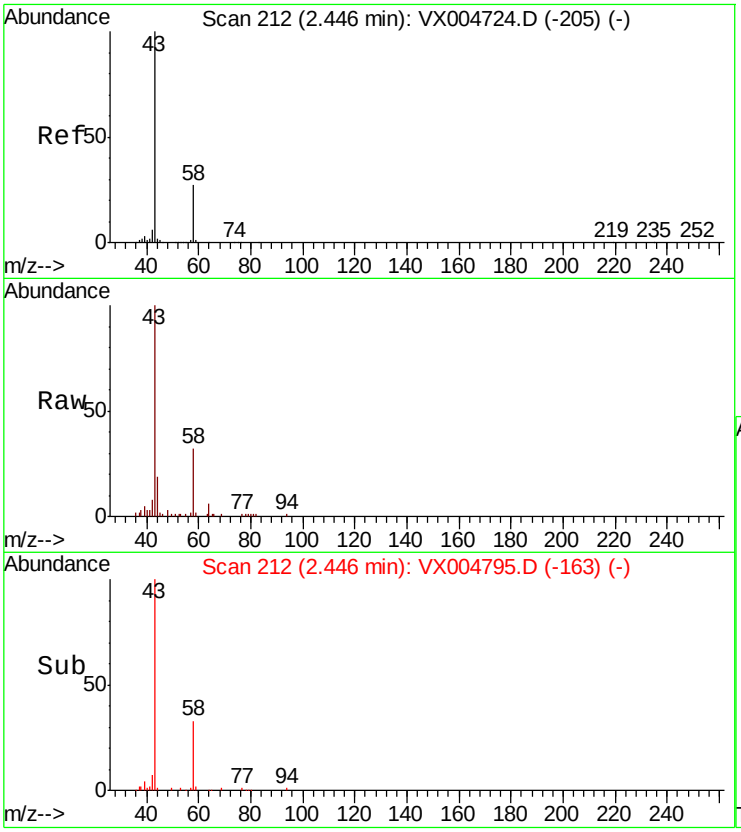


#14
Allyl chloride
Concen: 0.731 ug/l
RT: 2.62 min Scan# 241
Delta R.T. -0.10 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Tgt Ion: 41 Resp: 3934

Ion	Ratio	Lower	Upper
41	100		
39	81.0	48.9	73.3#
76	1.0	26.7	40.1#



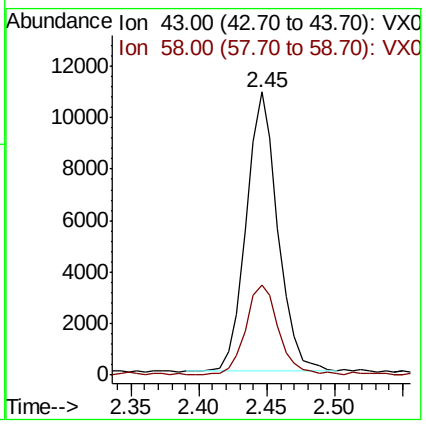


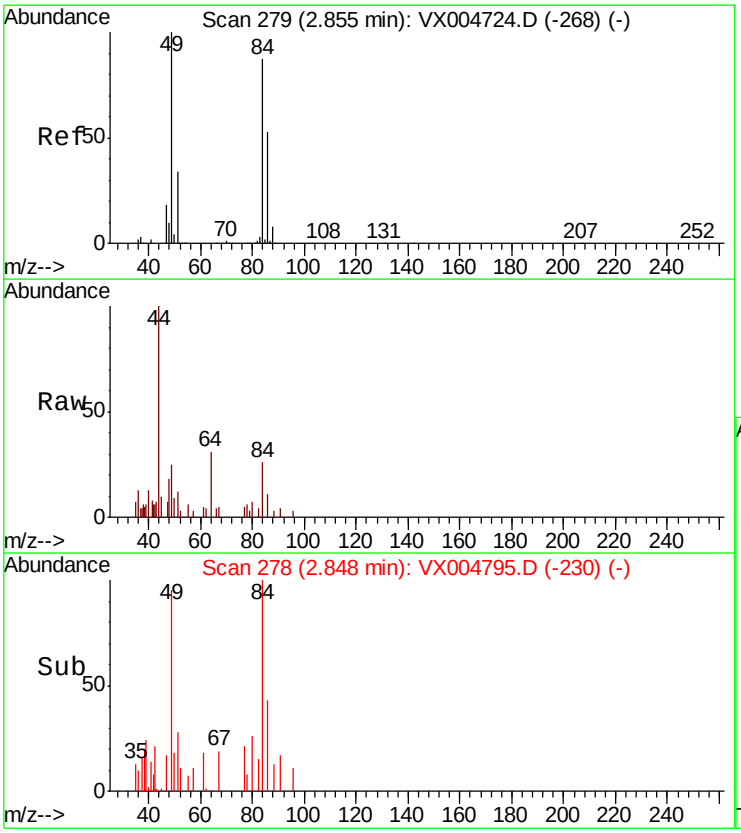
#16
Acetone
Concen: 9.306 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
MW-59-SEP18

Tgt Ion: 43 Resp: 17661

Ion	Ratio	Lower	Upper
43	100		
58	32.4	26.2	39.4

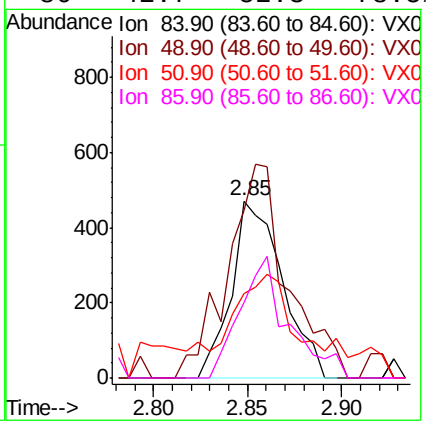


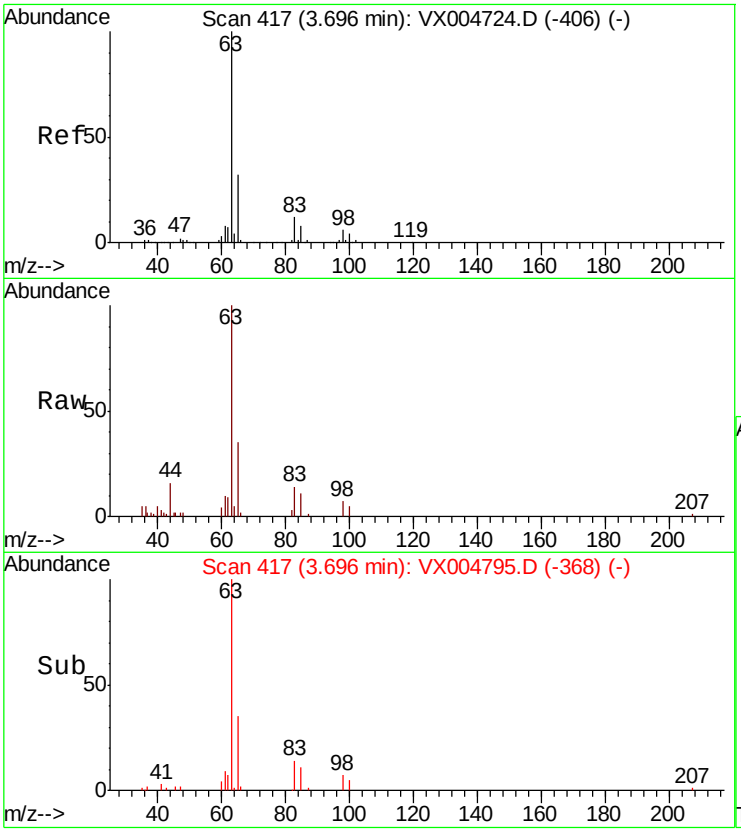


#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Tgt Ion: 84 Resp: 886

Ion	Ratio	Lower	Upper
84	100		
49	82.2	101.2	151.8#
51	32.5	29.5	44.3
86	42.7	52.3	78.5#



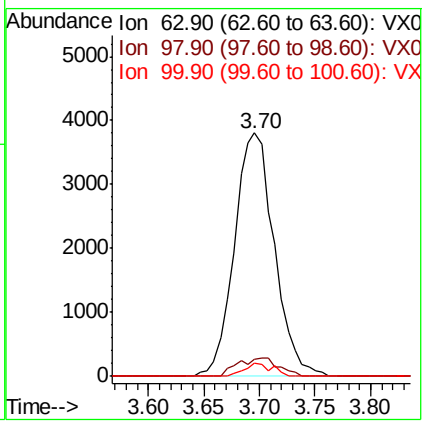


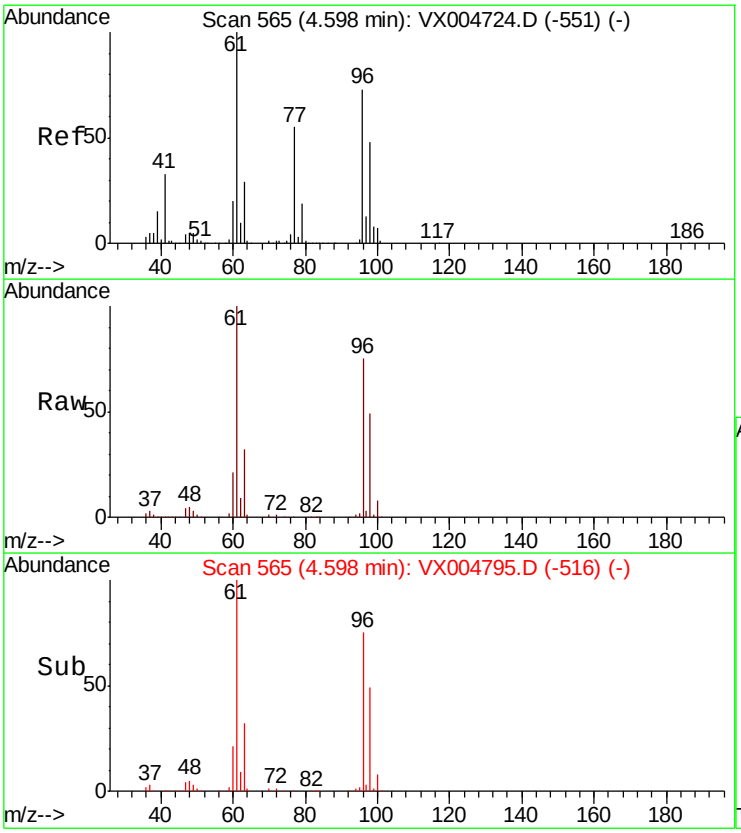
#24
1,1-Dichloroethane
Concen: 1.748 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Instrument : MSVOA_X
ClientSampleId : MW-59-SEP18

Tgt Ion: 63 Resp: 9445

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.5	10.4
100	5.3	2.4	7.1

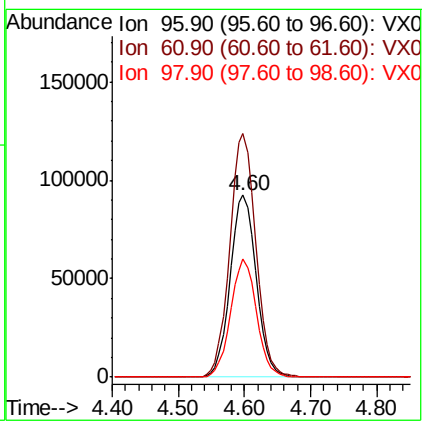


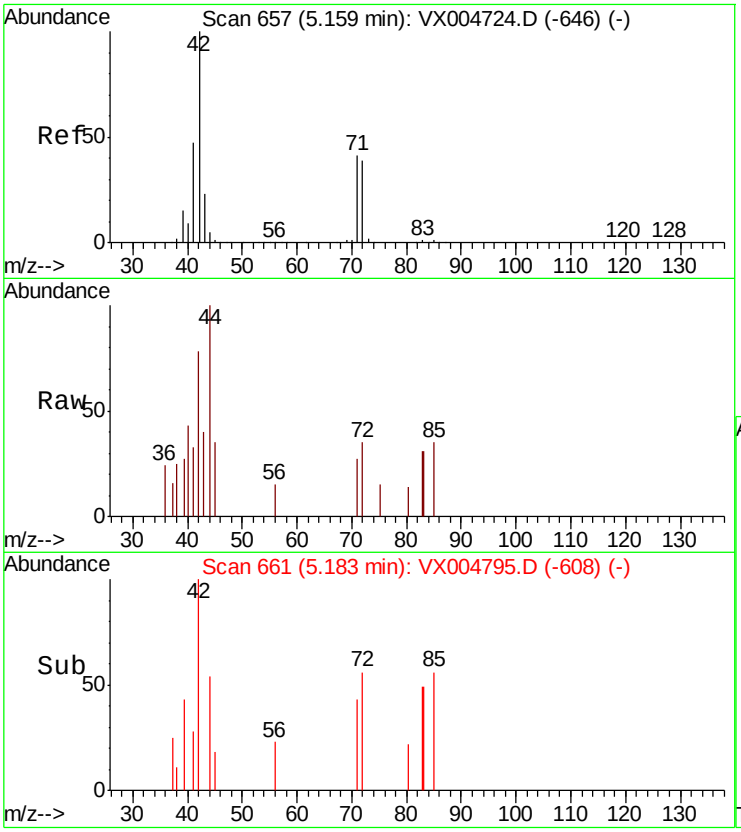


#27
cis-1,2-Dichloroethene
Concen: 83.899 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Tgt Ion: 96 Resp: 252969

Ion	Ratio	Lower	Upper
96	100		
61	133.8	0.0	282.6
98	64.6	0.0	130.2



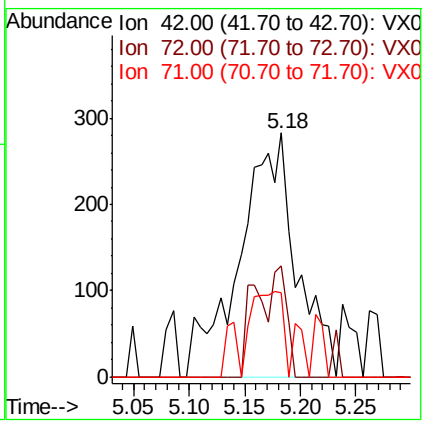


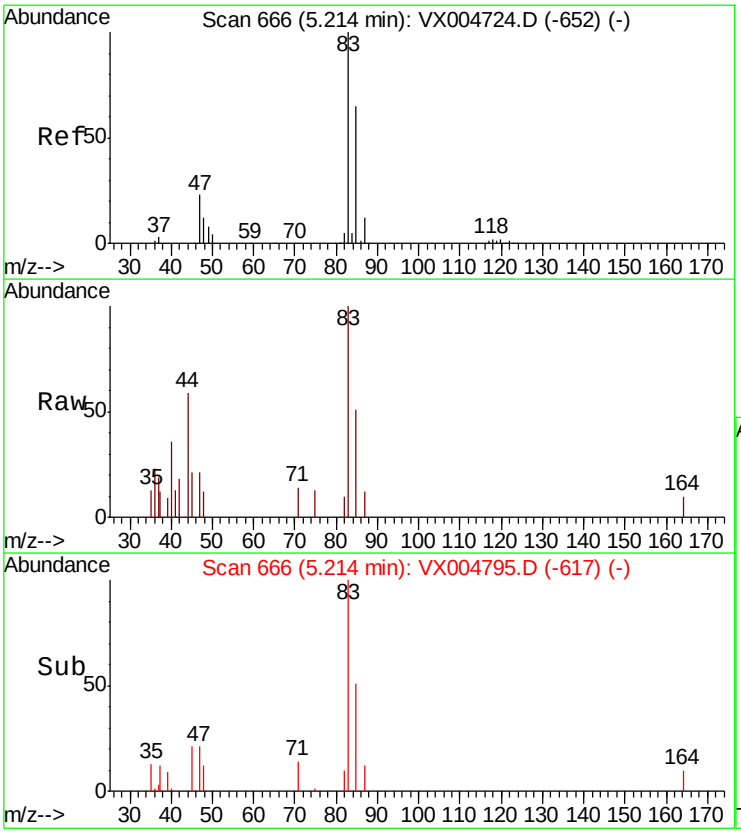
#29
Tetrahydrofuran
Concen: 0.579 ug/l
RT: 5.18 min Scan# 661
Delta R.T. 0.02 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
MW-59-SEP18

Tgt Ion: 42 Resp: 1006

Ion	Ratio	Lower	Upper
42	100		
72	11.4	37.4	56.0#
71	19.5	34.5	51.7#

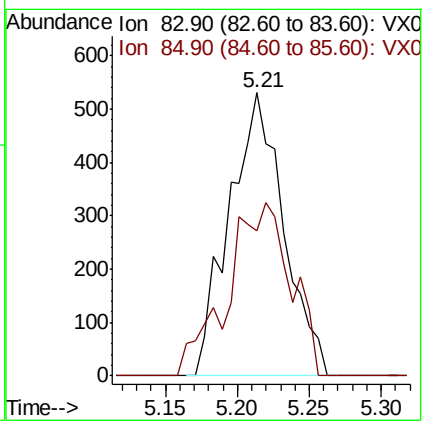


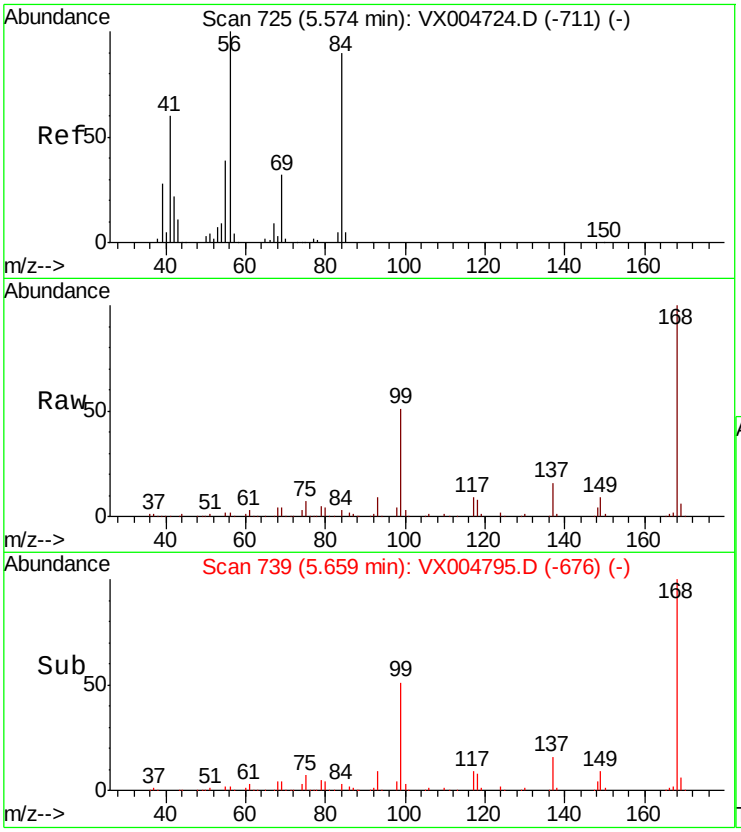


#30
Chloroform
Concen: 0.272 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Tgt Ion: 83 Resp: 1391

Ion	Ratio	Lower	Upper
83	100		
85	51.0	52.6	79.0#



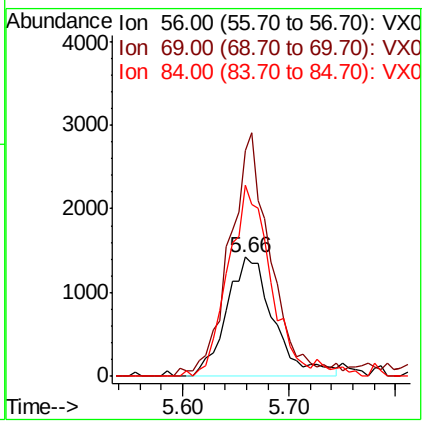


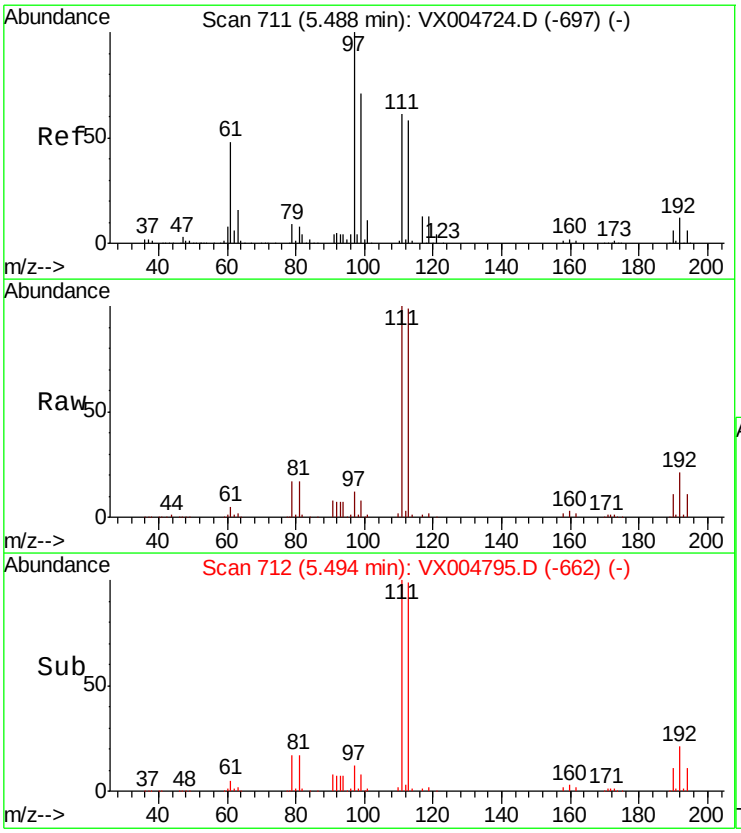
#31
Cyclohexane
Concen: 1.069 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Instrument : MSVOA_X
ClientSampleId : MW-59-SEP18

Tgt Ion: 56 Resp: 4420

Ion	Ratio	Lower	Upper
56	100		
69	185.0	25.4	38.2#
84	155.3	71.4	107.2#

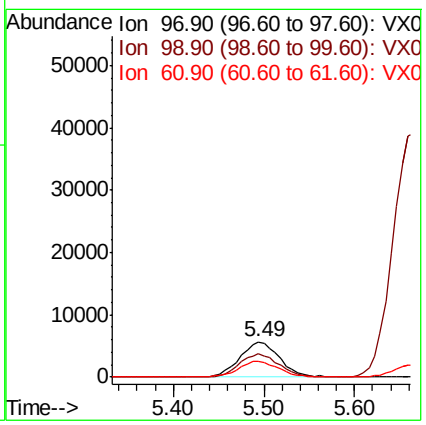


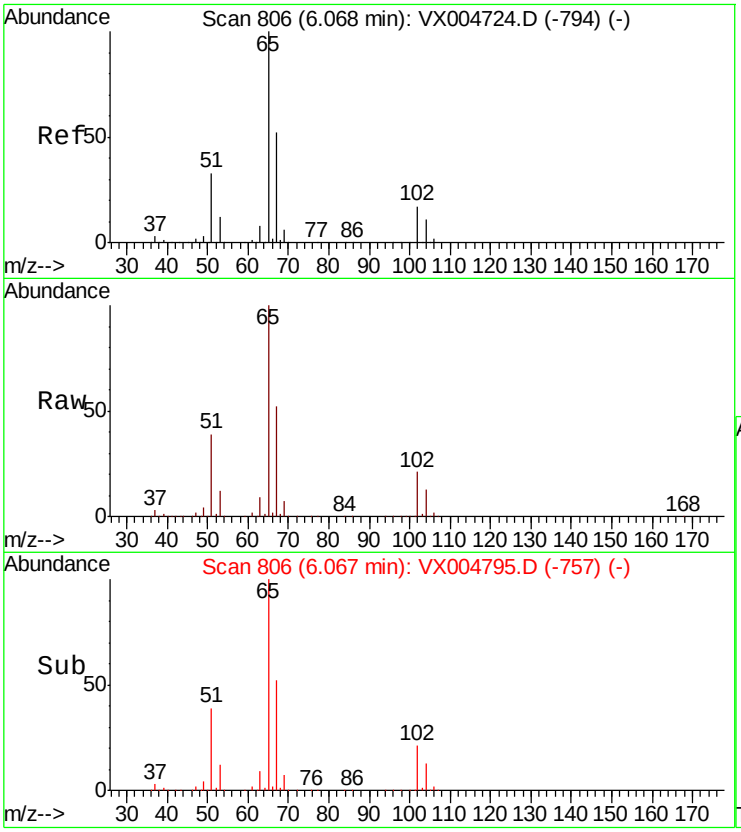


#32
1,1,1-Trichloroethane
Concen: 4.153 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Tgt Ion: 97 Resp: 17323

Ion	Ratio	Lower	Upper
97	100		
99	66.1	52.0	78.0
61	45.2	34.9	52.3



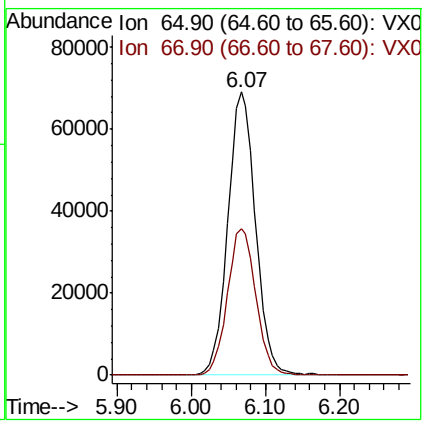


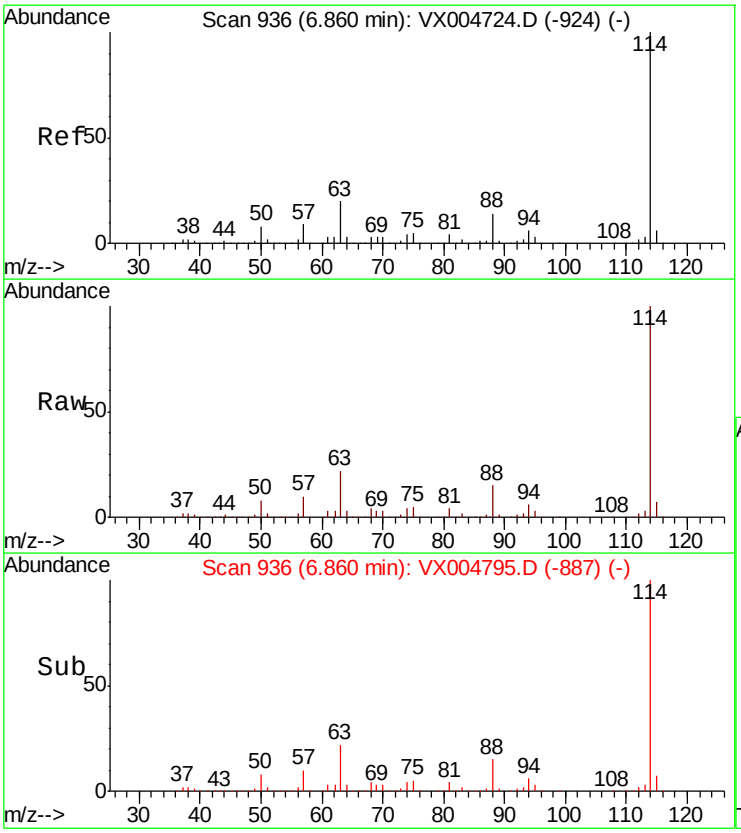
#33
1,2-Dichloroethane-d4
Concen: 55.395 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
MW-59-SEP18

Tgt Ion: 65 Resp: 180066

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.8

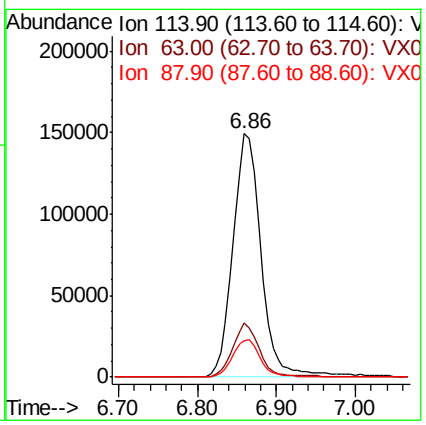


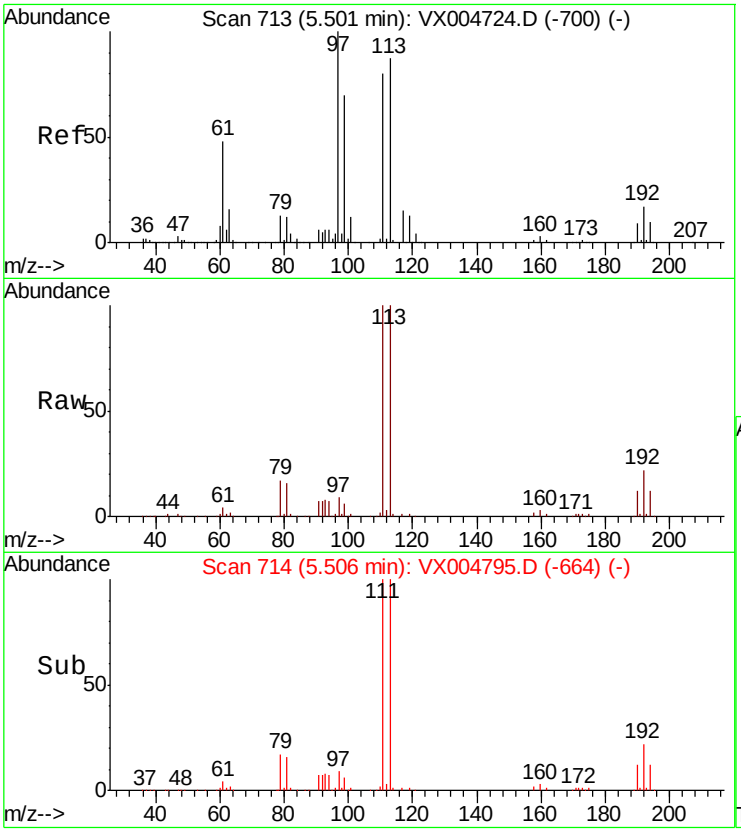


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Tgt Ion:114 Resp: 371286

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	39.0
88	15.1	0.0	30.4



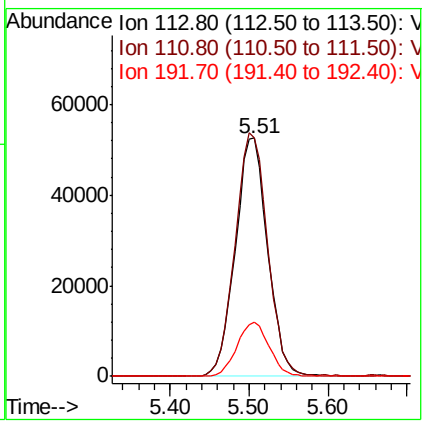


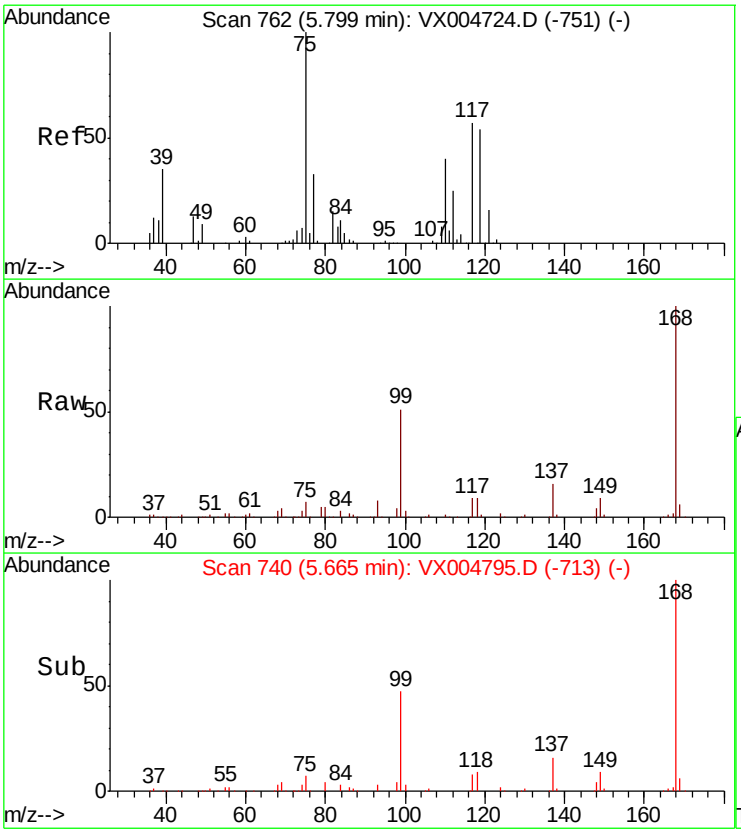
#35
Dibromofluoromethane
Concen: 47.637 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
MW-59-SEP18

Tgt Ion:113 Resp: 149898

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.4	123.6
192	22.8	19.4	29.2

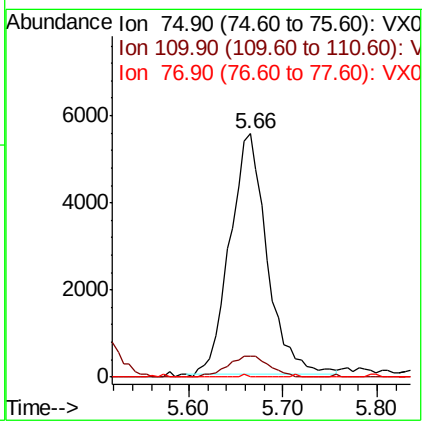


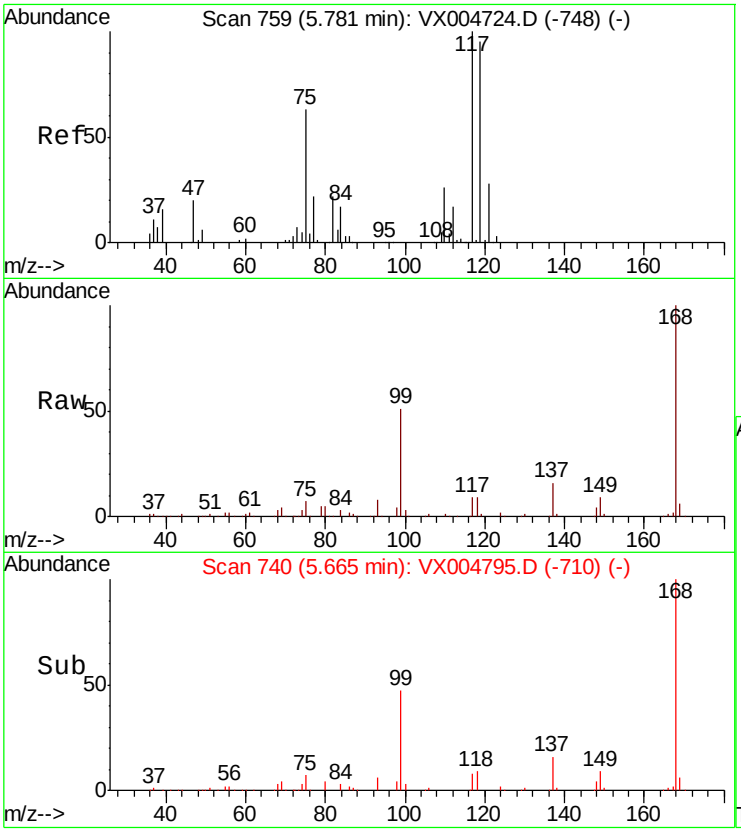


#36
1,1-Dichloropropene
Concen: 3.551 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Tgt Ion: 75 Resp: 15245

Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.0	54.0#
77	0.1	24.6	36.8#



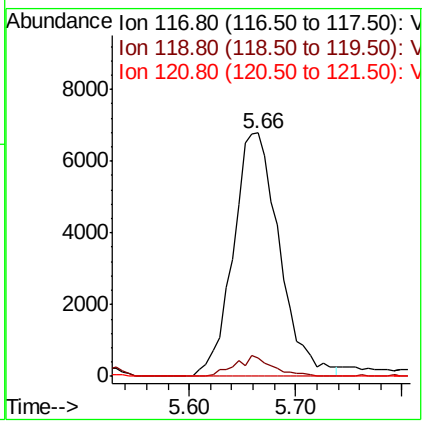


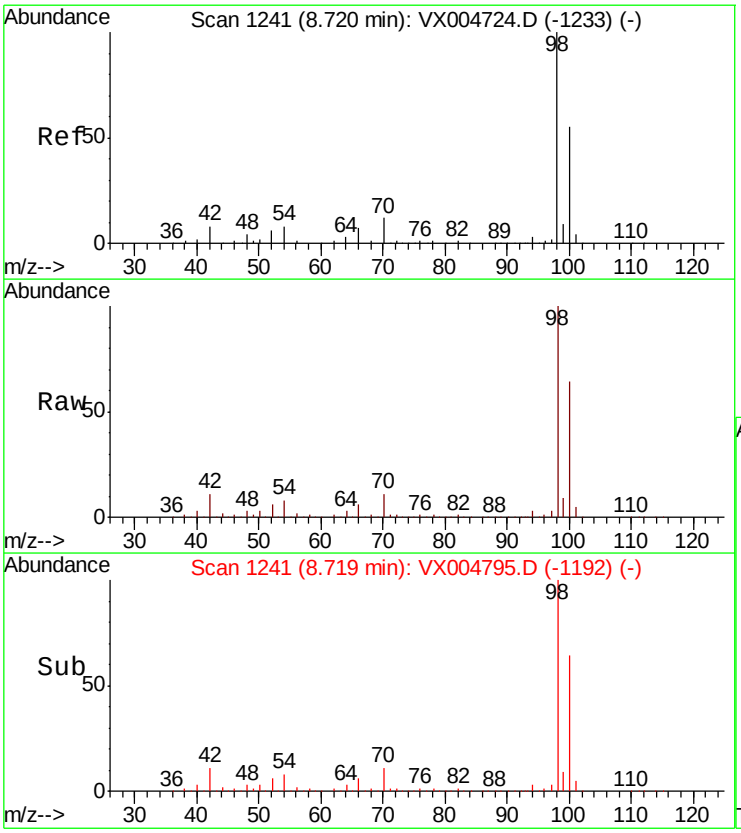
#38
Carbon Tetrachloride
Concen: 4.564 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
MW-59-SEP18

Tgt Ion:117 Resp: 20599

Ion	Ratio	Lower	Upper
117	100		
119	7.4	78.8	118.2#
121	0.0	24.9	37.3#

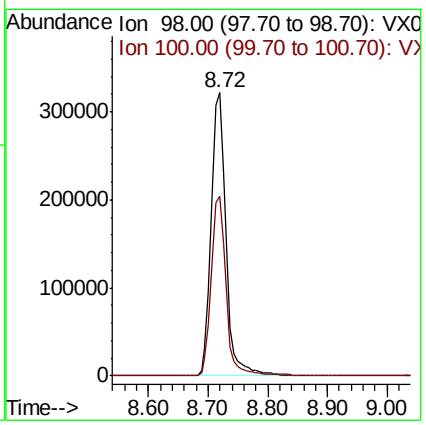


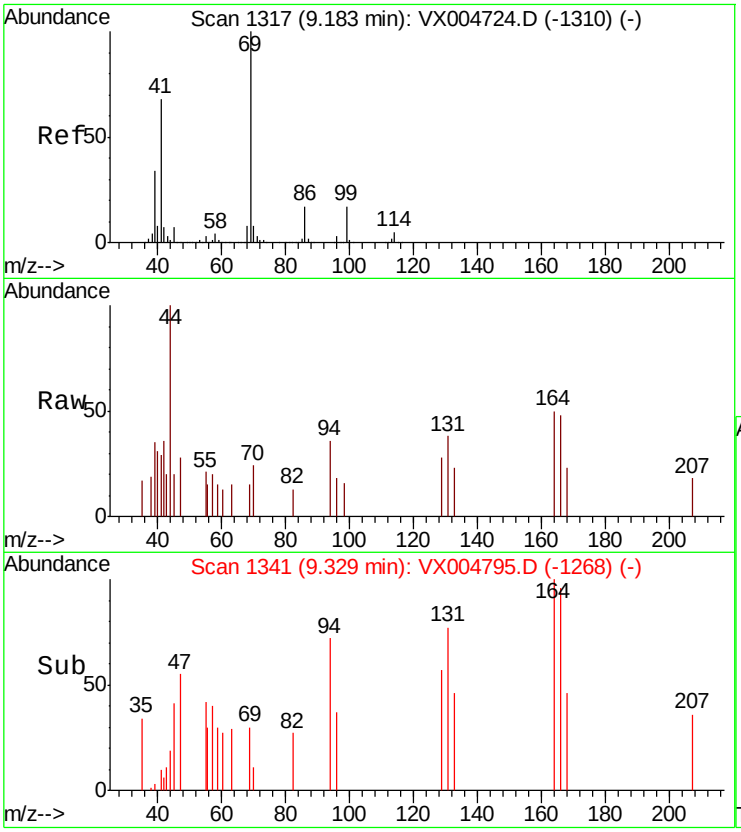


#50
Toluene-d8
Concen: 52.257 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Tgt Ion: 98 Resp: 546665

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.9	79.3



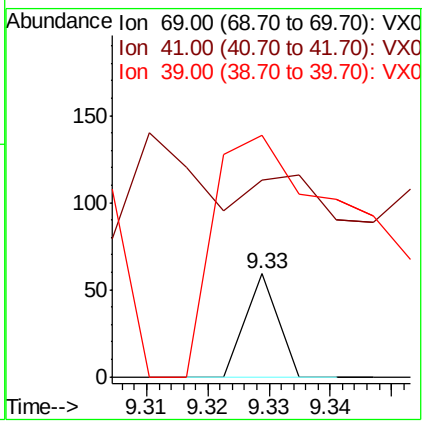


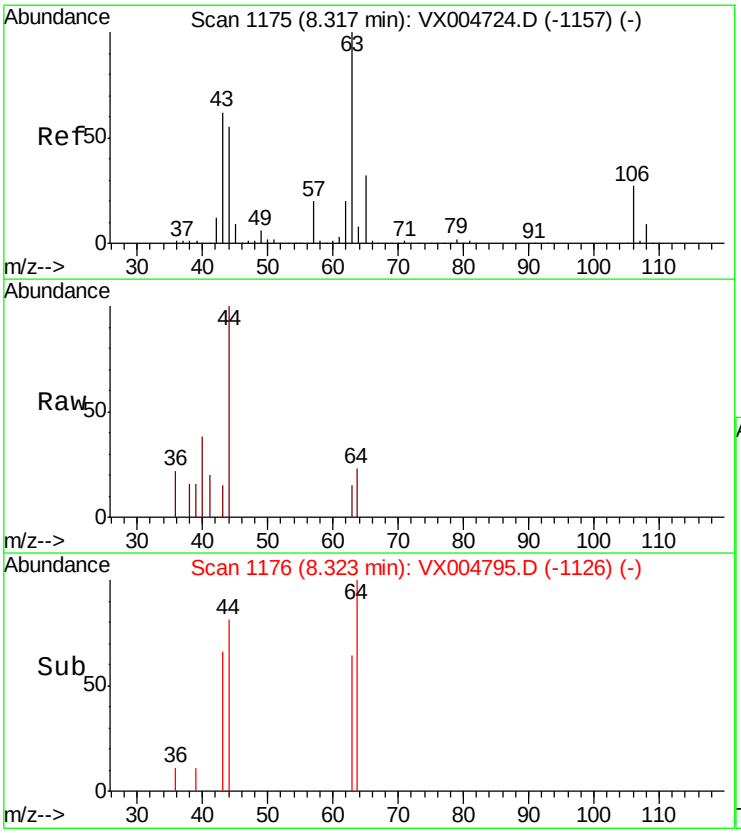
#56
Ethyl methacrylate
Concen: 2.866 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. 0.15 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
MW-59-SEP18

Tgt Ion: 69 Resp: 22

Ion	Ratio	Lower	Upper
69	100		
41	0.0	51.0	76.4#
39	1304.5	26.1	39.1#

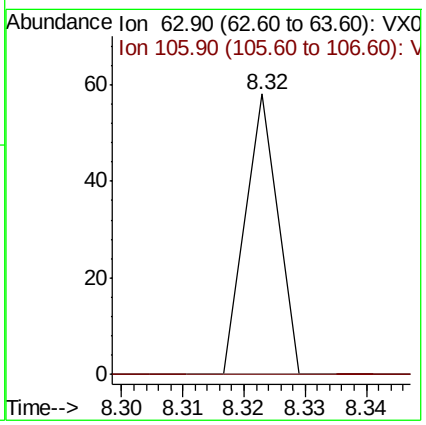


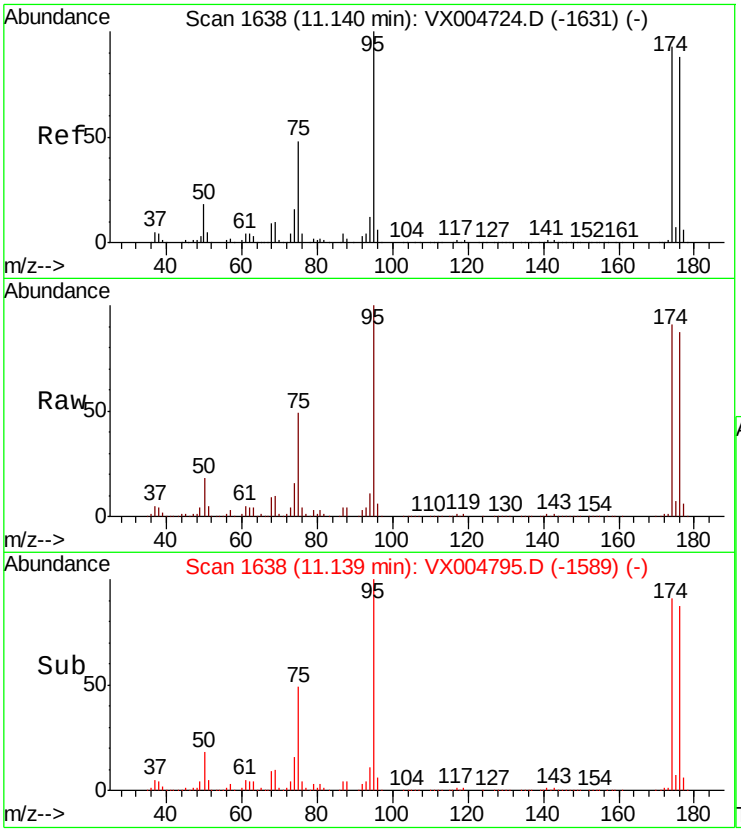


#58
2-Chloroethyl Vinyl ether
Concen: 14.249 ug/l
RT: 8.32 min Scan# 1176
Delta R.T. 0.01 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Tgt Ion: 63 Resp: 21

Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.9	35.9#



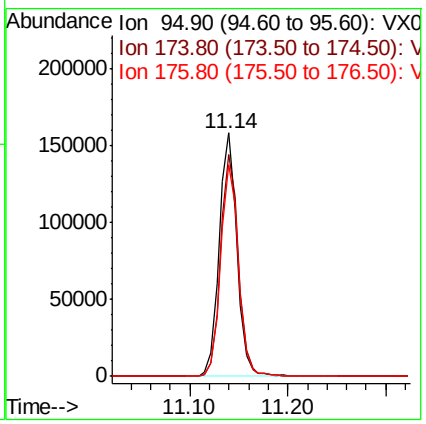


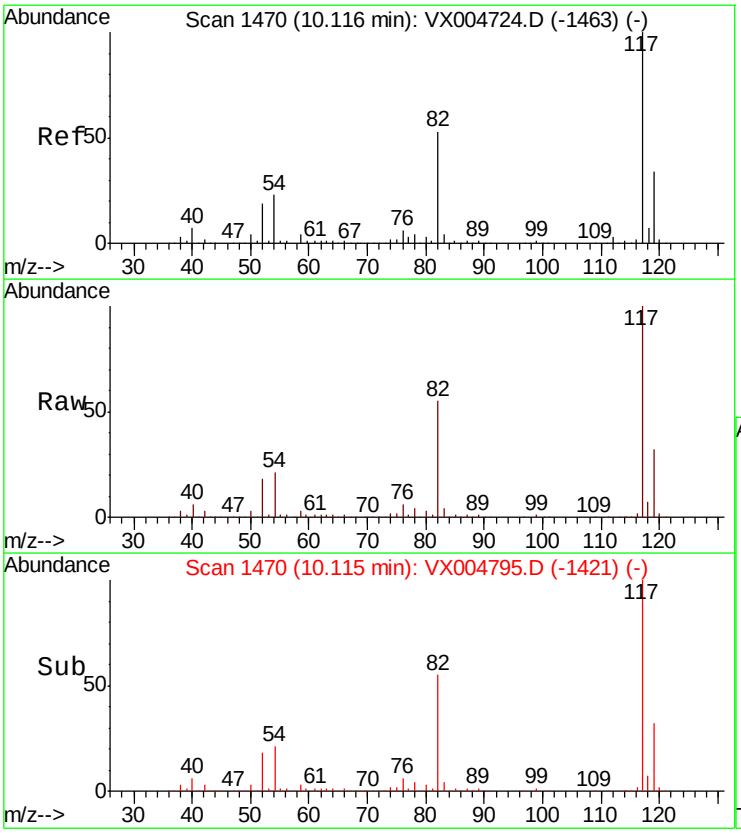
#62
4-Bromofluorobenzene
Concen: 52.624 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
MW-59-SEP18

Tgt Ion: 95 Resp: 198323

Ion	Ratio	Lower	Upper
95	100		
174	92.1	0.0	185.2
176	87.6	0.0	178.6

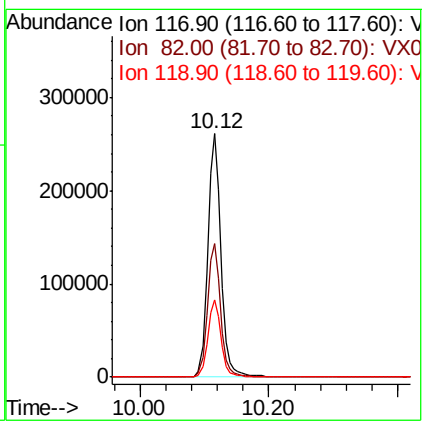


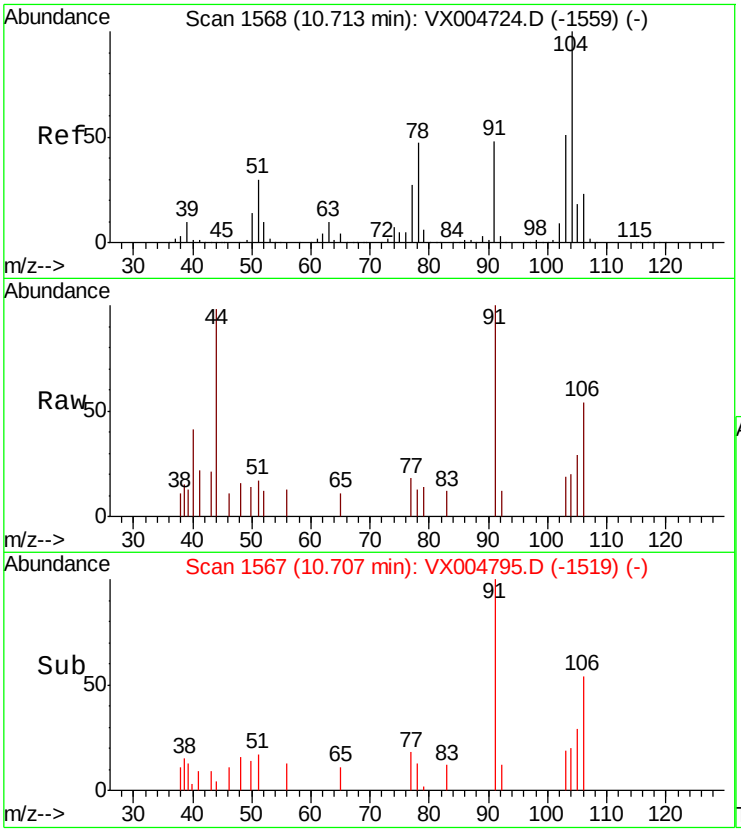


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Tgt Ion:117 Resp: 372105

Ion	Ratio	Lower	Upper
117	100		
82	54.7	47.8	71.6
119	31.8	29.3	43.9



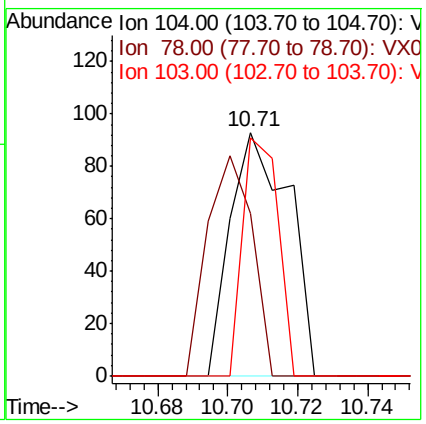


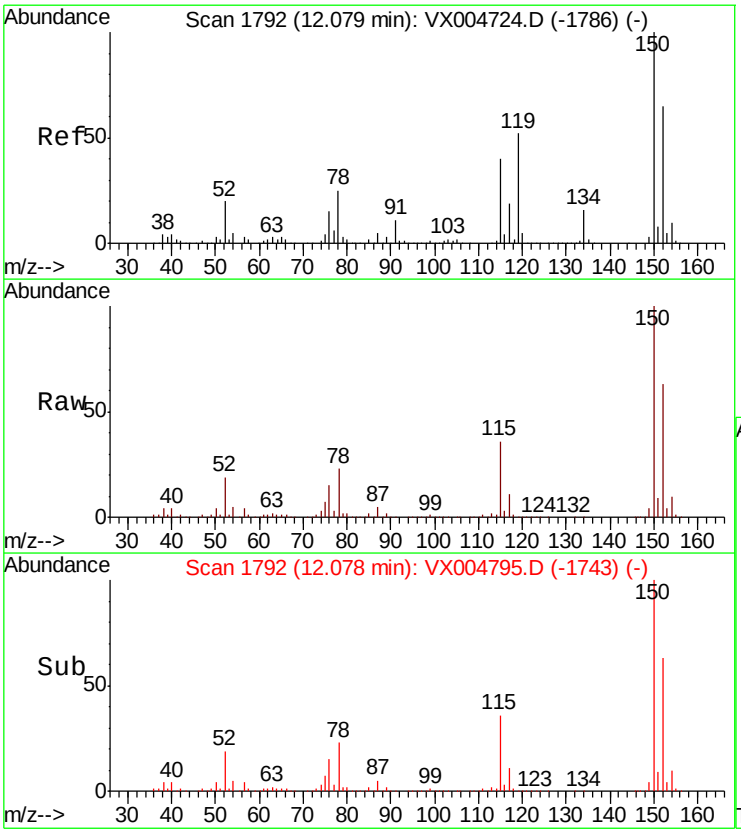
#70
Stvrene
Concen: 2.151 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
MW-59-SEP18

Tgt Ion:104 Resp: 109

Ion	Ratio	Lower	Upper
104	100		
78	68.8	37.4	56.0#
103	58.7	43.8	65.6

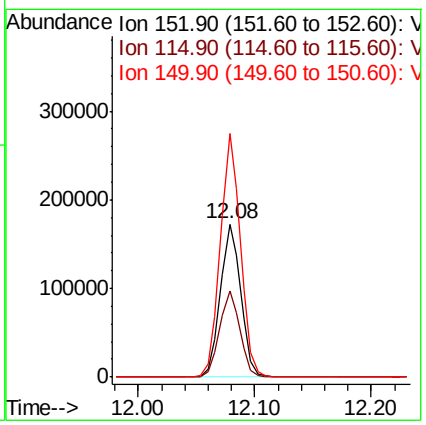


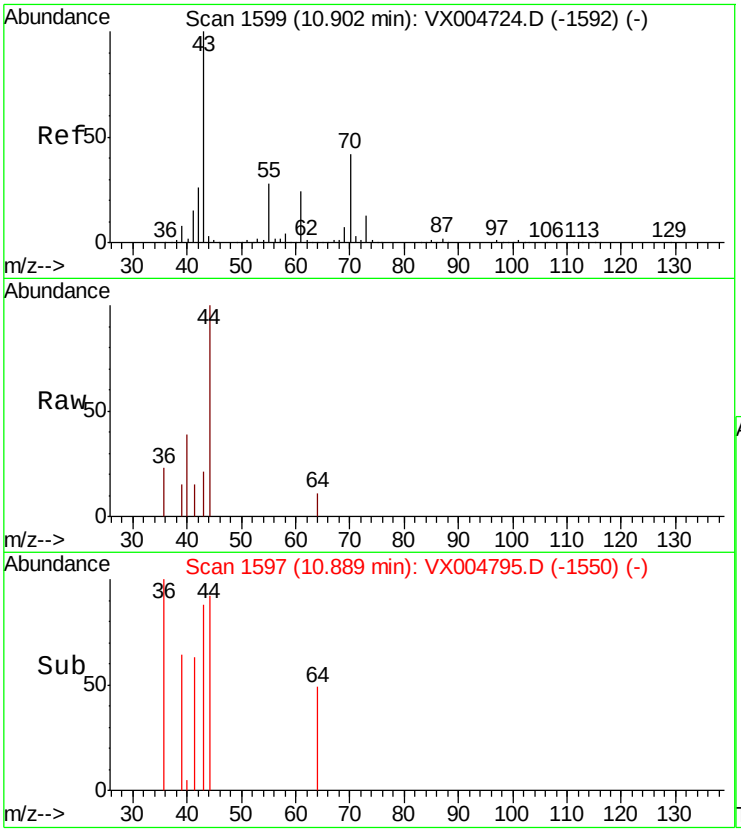


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Tgt Ion:152 Resp: 208047

Ion	Ratio	Lower	Upper
152	100		
115	55.9	39.0	117.0
150	156.9	0.0	351.0



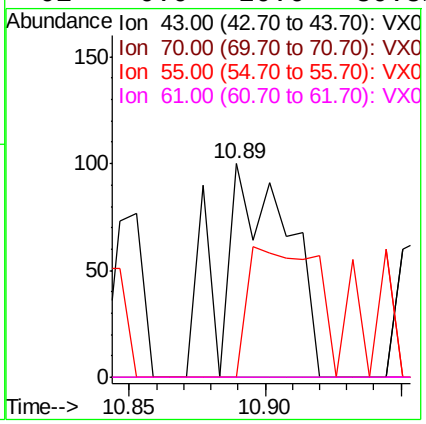


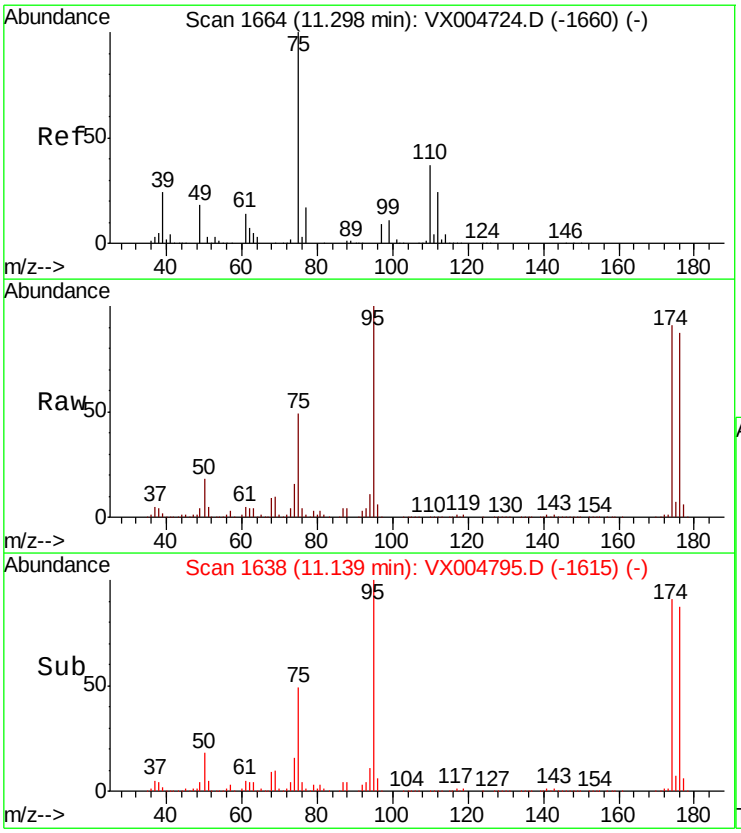
#74
N-amyl acetate
Concen: 1.771 ug/l
RT: 10.89 min Scan# 1597
Delta R.T. -0.01 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
MW-59-SEP18

Tgt Ion: 43 Resp: 175

Ion	Ratio	Lower	Upper
43	100		
70	0.0	37.4	56.0#
55	60.0	21.8	32.8#
61	0.0	20.6	30.8#

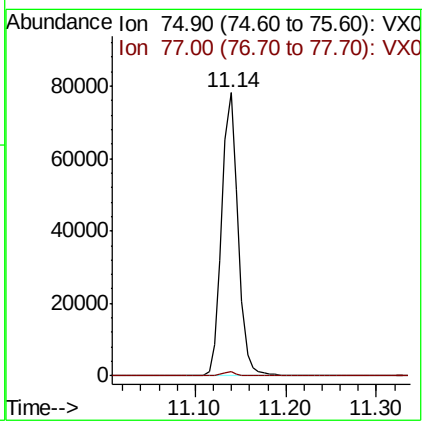


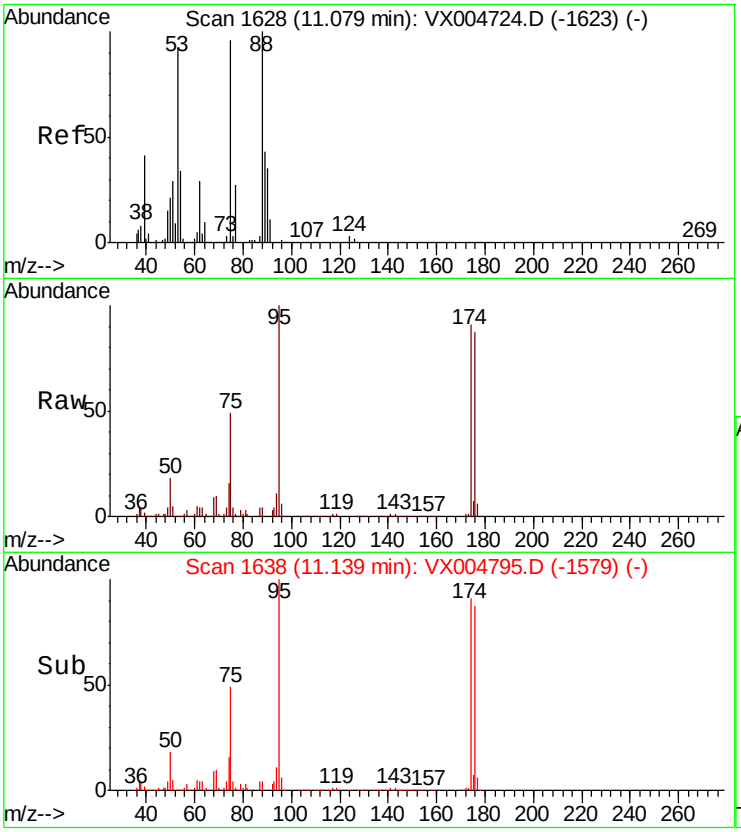


#76
1,2,3-Trichloropropane
Concen: 21.128 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Tgt Ion: 75 Resp: 98523

Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.2	60.6#



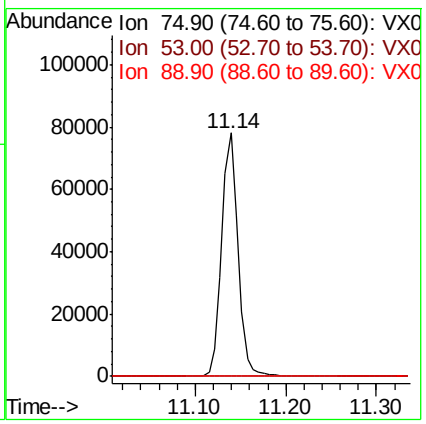


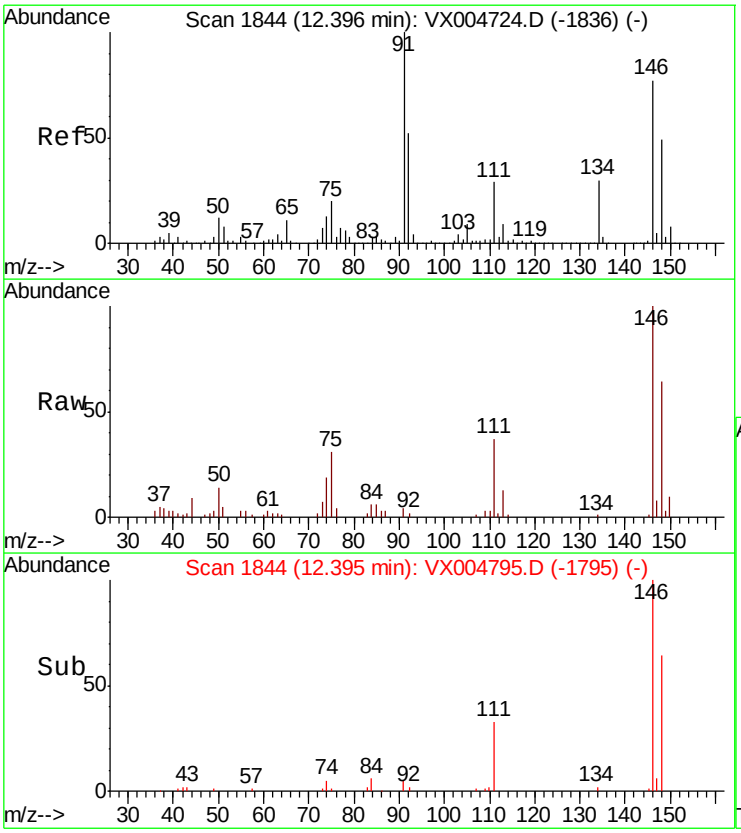
#81
trans-1,4-Dichloro-2-butene
Concen: 57.322 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
MW-59-SEP18

Tgt Ion: 75 Resp: 98523

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

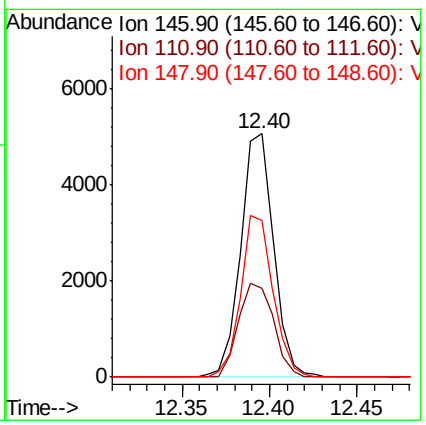


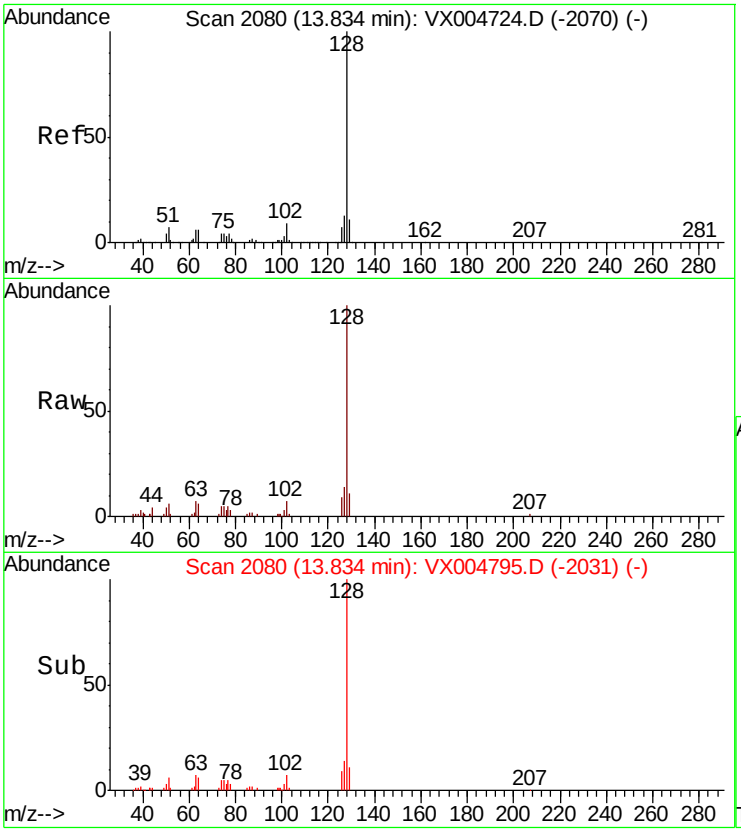


#91
1,2-Dichlorobenzene
Concen: 0.893 ug/l
RT: 12.40 min Scan# 1844
Delta R.T. -0.00 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Tgt Ion:146 Resp: 6634

Ion	Ratio	Lower	Upper
146	100		
111	41.2	19.4	58.1
148	65.0	32.8	98.3





#95
Naphthalene
Concen: 1.587 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004795.D
Acq: 28 Sep 2018 01:30

Instrument :
MSVOA_X
ClientSampleId :
MW-59-SEP18

Tgt Ion:128 Resp: 15236

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	11.7	8.6	12.8