Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005119.D
Acq On : 08 Oct 2018 11:34
Operator : JC/MD
Sample : J5189-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE-117D1-20180926

Quant Time: Oct 09 05:51:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	200270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	315873	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	313556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176910	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	150356	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.12%			
35) Dibromofluoromethane	5.50	113	126334	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.38%			
50) Toluene-d8	8.72	98	458497	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.04%			
62) 4-Bromofluorobenzene	11.14	95	164840	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.82%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	664	0.200	ug/l	98
5) Bromomethane	1.64	94	644	0.350	ug/l #	78
6) Chloroethane	1.68	64	75	Below Cal	#	45
11) Tert butyl alcohol	3.03	59	9274	11.594	ug/l #	77
13) Acrolein	2.32	56	272	0.478	ug/l #	62
14) Allyl chloride	2.62	41	9574	2.022	ug/l #	60
16) Acetone	2.45	43	3464	2.074	ug/l	95
18) Methyl Acetate	2.62	43	23754	5.613	ug/l #	54
20) Methylene Chloride	2.85	84	502	Below Cal	#	83
25) 2-Butanone	4.71	43	2164	0.879	ug/l	94
26) 2,2-Dichloropropane	4.78	77	1426	0.431	ug/l #	50
31) Cyclohexane	5.65	56	3602	0.990	ug/l #	29
36) 1,1-Dichloropropene	5.67	75	14017	3.838	ug/l #	46
38) Carbon Tetrachloride	5.77	117	1304	0.340	ug/l	87
44) Trichloroethene	7.21	130	43658	15.531	ug/l	99
49) 1,4-Dioxane	7.93	88	18	0.228	ug/l #	23
56) Ethyl methacrylate	9.15	69	19	2.866	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.12	63	19	14.250	ug/l #	49
70) Styrene	10.71	104	24	2.143	ug/l #	1
74) N-amyl acetate	10.92	43	119	1.767	ug/l #	52
76) 1,2,3-Trichloropropane	11.14	75	81298	20.503	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	232	Below Cal		69
81) trans-1,4-Dichloro-2-buten	11.14	75	81298	55.684	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	728	Below Cal		99
95) Naphthalene	13.84	128	867	0.778	ug/l #	94

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

Quantitation Report (Not Reviewed)

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Acq On : 08 Oct 2018 11:34
Operator : JC/MD
Sample : J5189-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE-117D1-20180926

Quant Time: Oct 09 05:51:54 2018
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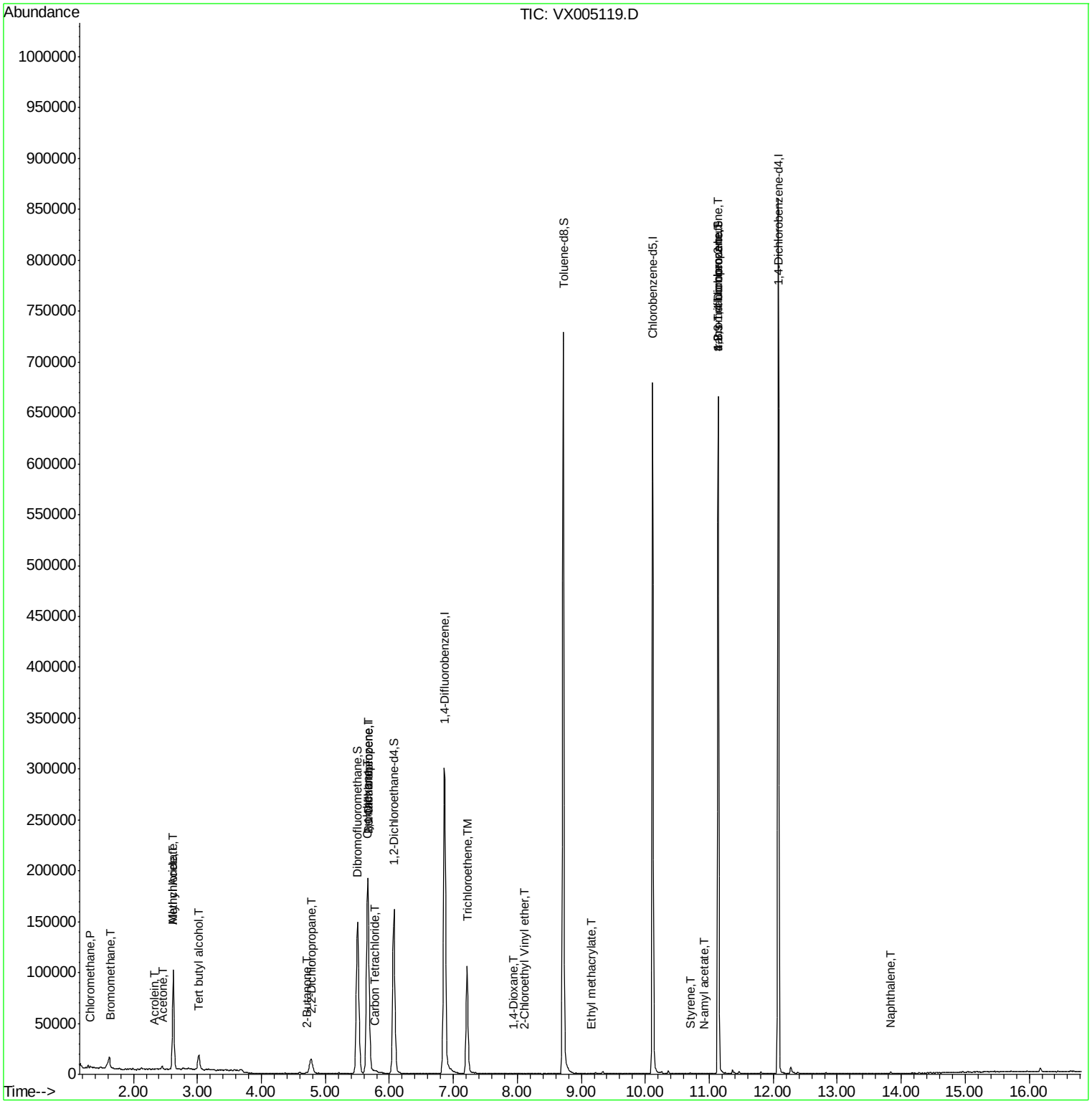
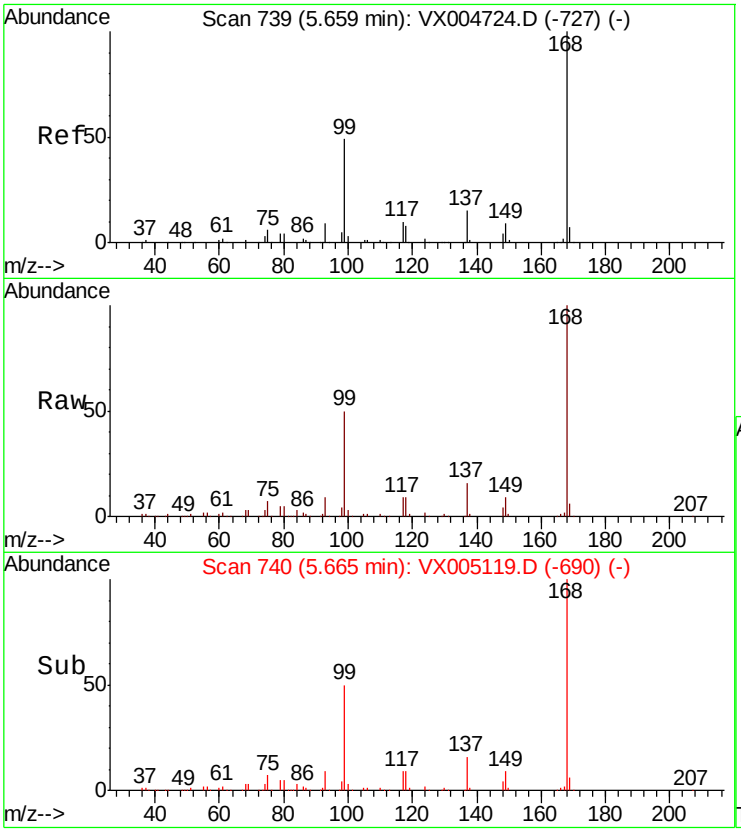
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration



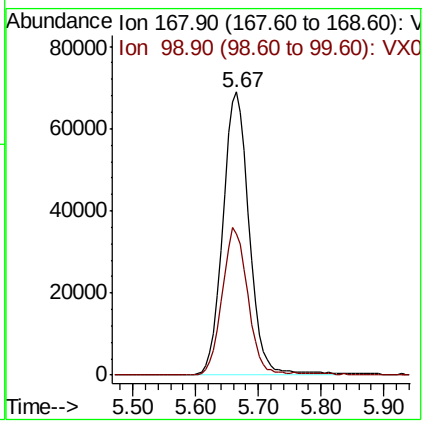


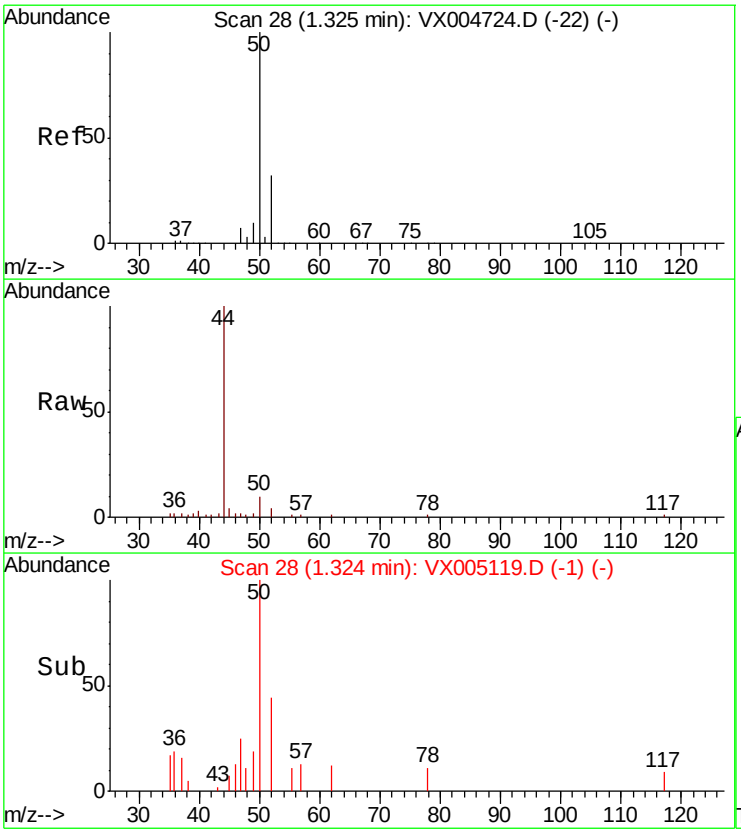
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
RE-117D1-20180926

Tgt Ion:168 Resp: 200270

Ion	Ratio	Lower	Upper
168	100		
99	50.1	39.3	58.9

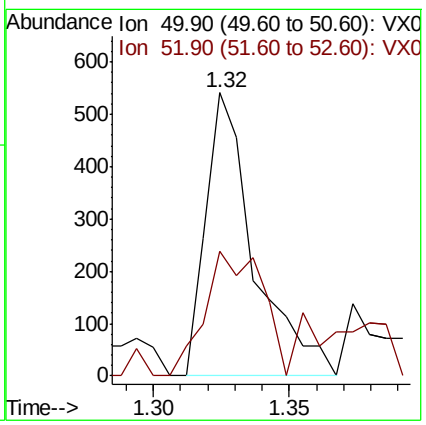


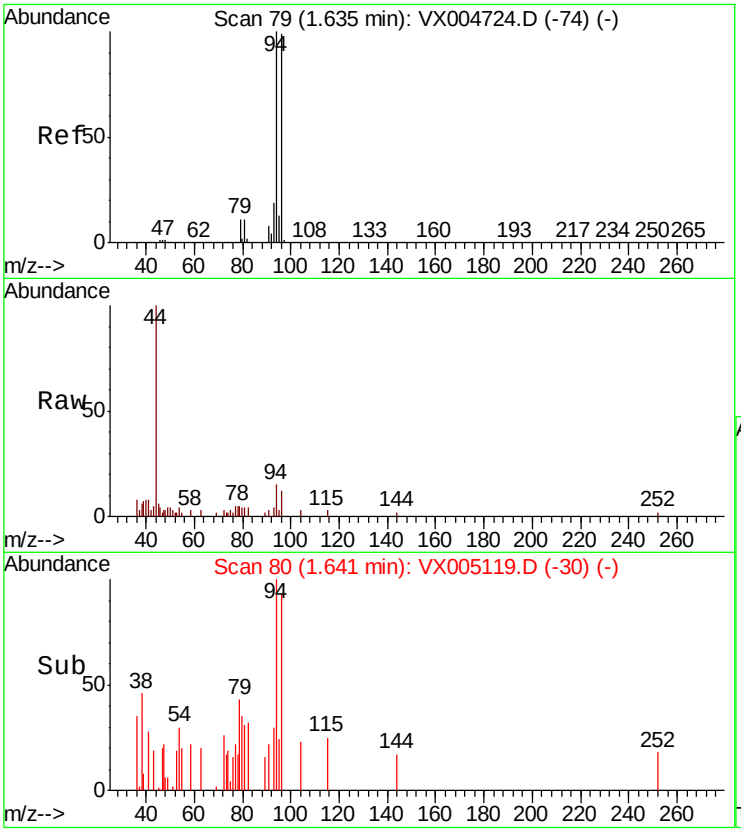


#3
Chloromethane
Concen: 0.200 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Tgt Ion: 50 Resp: 664

Ion	Ratio	Lower	Upper
50	100		
52	33.5	25.8	38.6



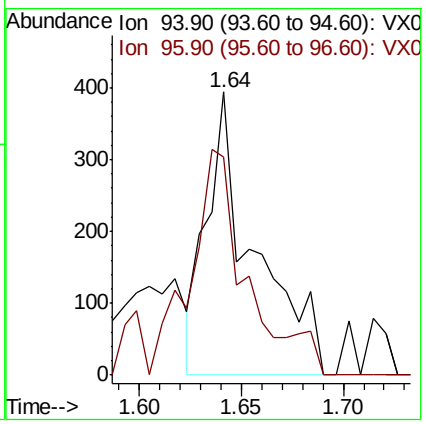


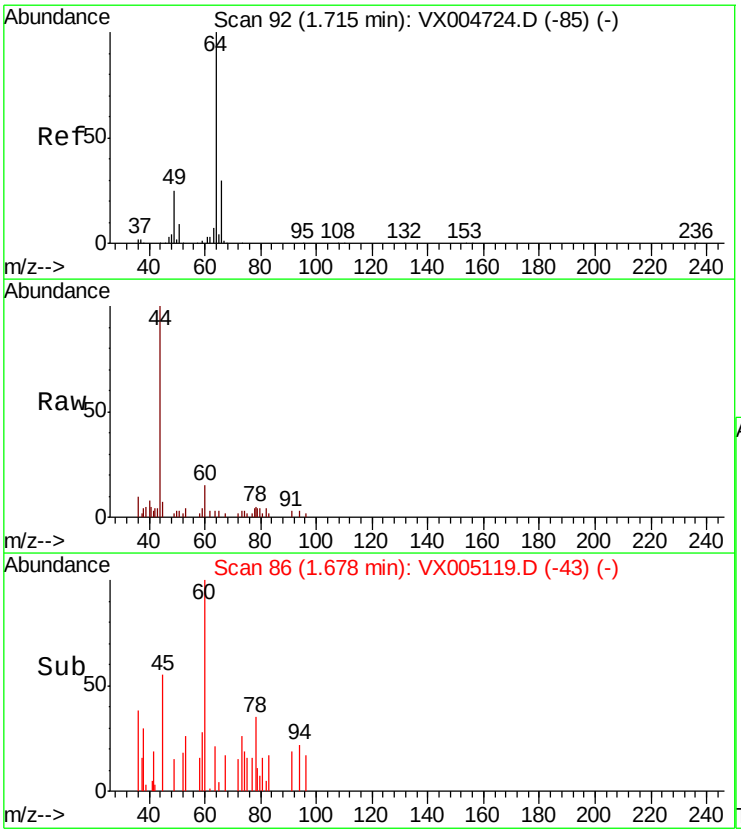
#5
Bromomethane
Concen: 0.350 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.01 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
RE-117D1-20180926

Tgt Ion: 94 Resp: 644

Ion	Ratio	Lower	Upper
94	100		
96	77.2	79.5	119.3#

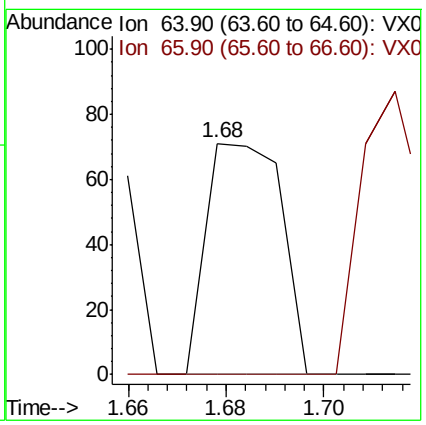


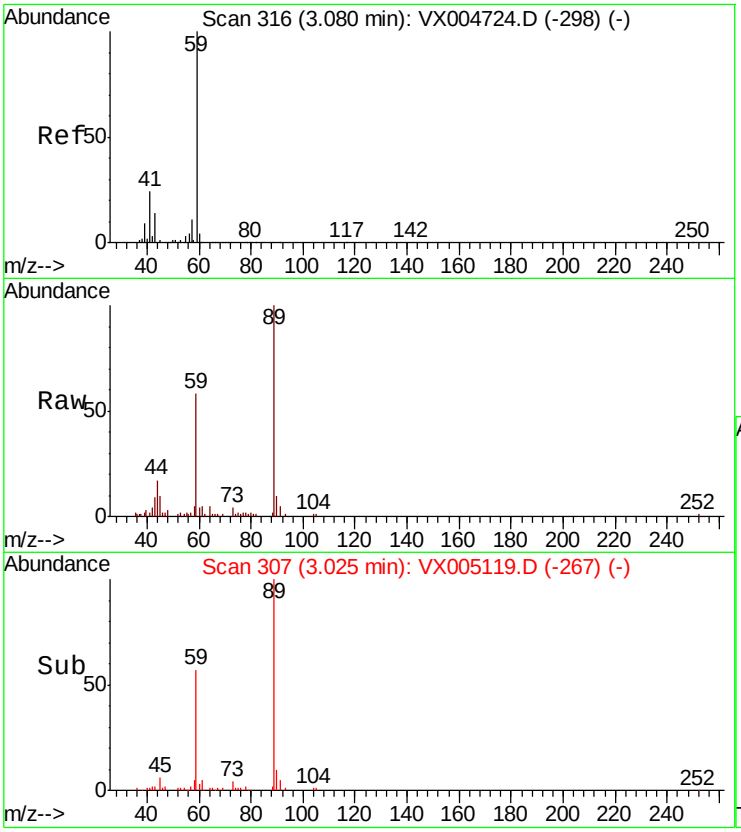


#6
Chloroethane
Concen: Below Cal
RT: 1.68 min Scan# 86
Delta R.T. -0.04 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Tgt Ion: 64 Resp: 75

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.8	35.6#



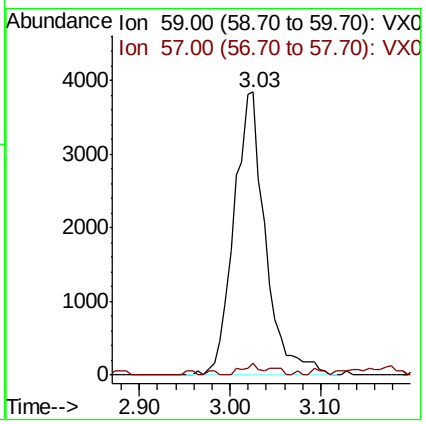


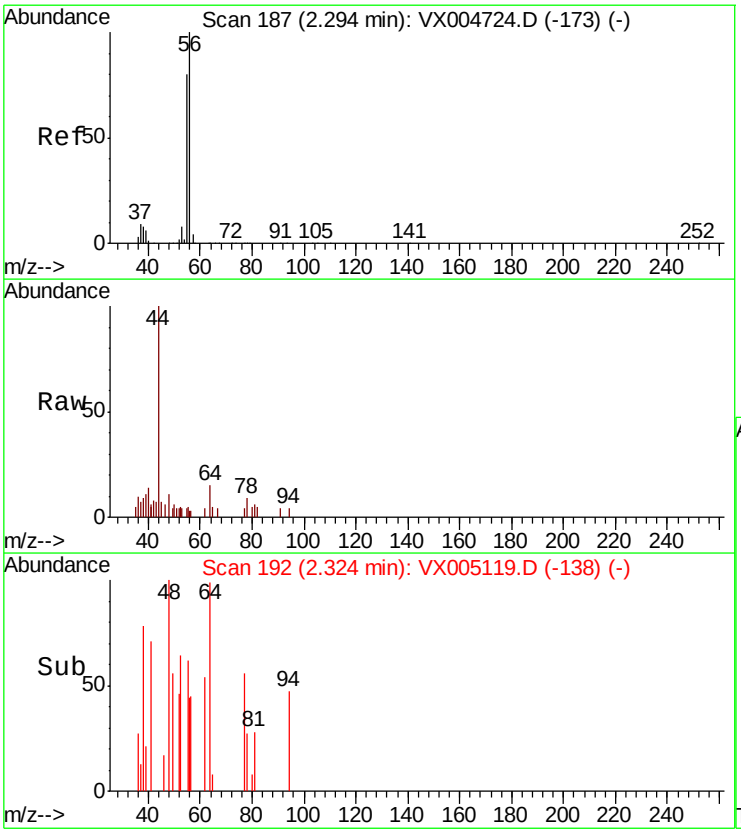
#11
Tert butyl alcohol
Concen: 11.594 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
RE-117D1-20180926

Tgt Ion: 59 Resp: 9274

Ion	Ratio	Lower	Upper
59	100		
57	2.2	8.6	12.8#

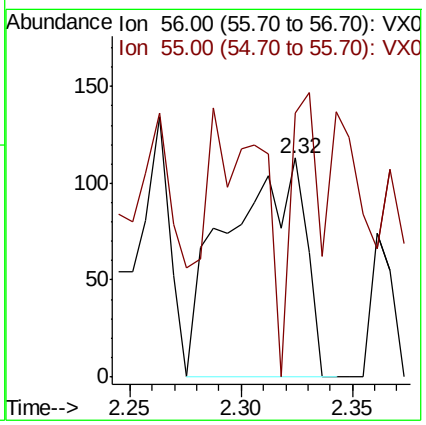


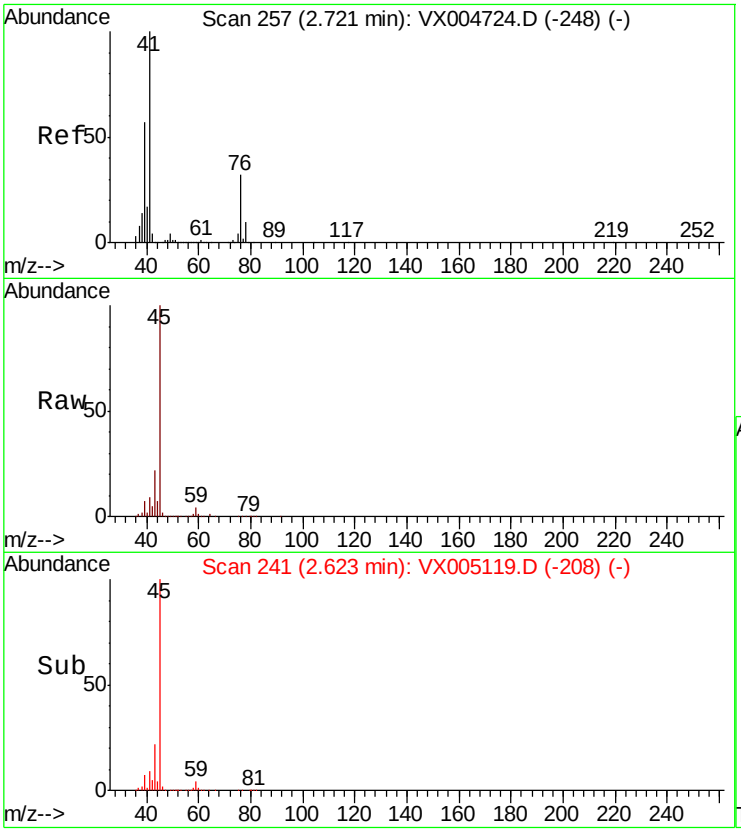


#13
Acrolein
Concen: 0.478 ug/l
RT: 2.32 min Scan# 192
Delta R.T. 0.03 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Tgt Ion: 56 Resp: 272

Ion	Ratio	Lower	Upper
56	100		
55	46.3	63.4	95.2#



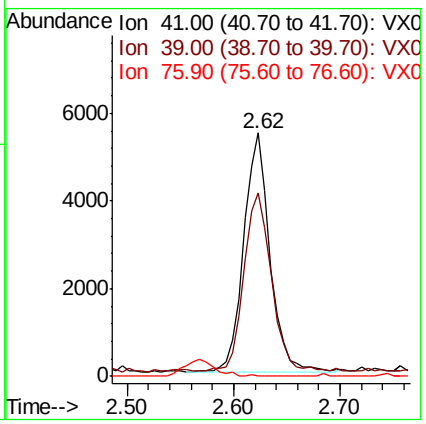


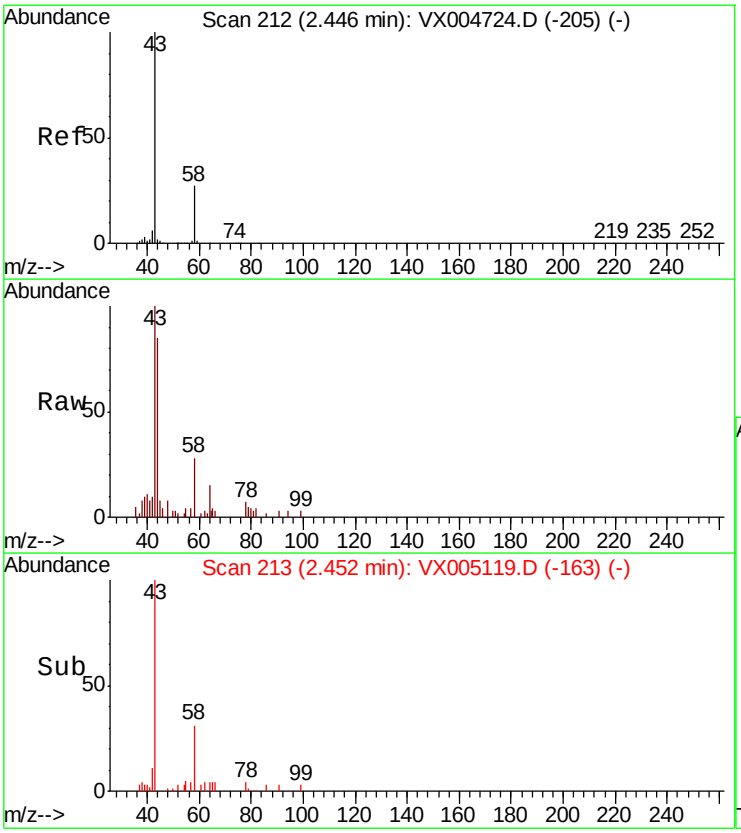
#14
Allyl chloride
Concen: 2.022 ug/l
RT: 2.62 min Scan# 241
Delta R.T. -0.10 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
RE-117D1-20180926

Tgt Ion: 41 Resp: 9574

Ion	Ratio	Lower	Upper
41	100		
39	77.3	44.1	66.1#
76	0.0	25.0	37.4#

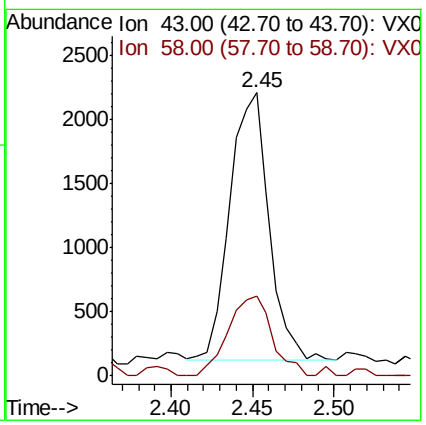


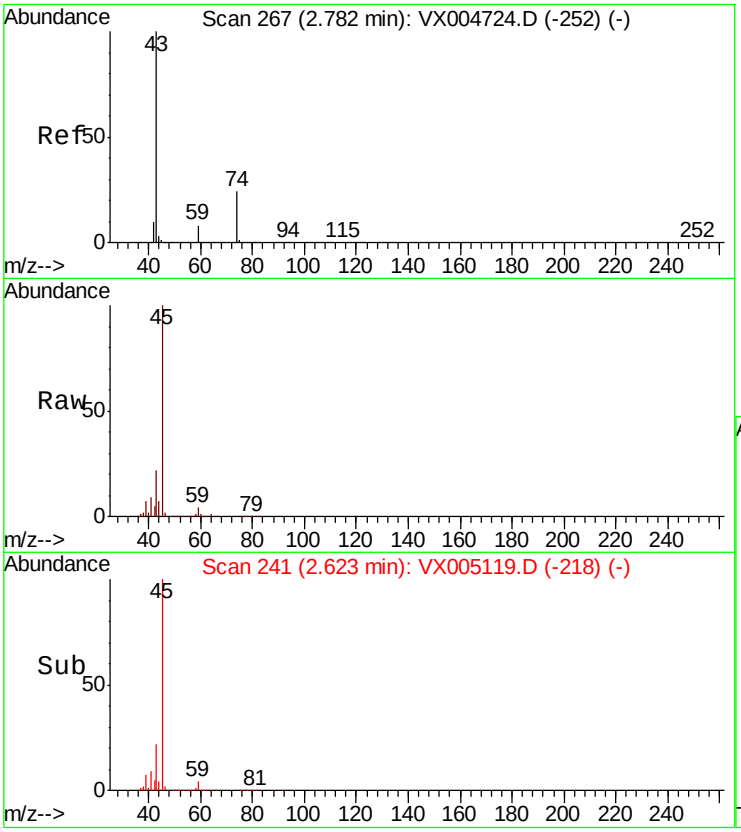


#16
Acetone
Concen: 2.074 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Tgt Ion: 43 Resp: 3464

Ion	Ratio	Lower	Upper
43	100		
58	29.7	21.8	32.6



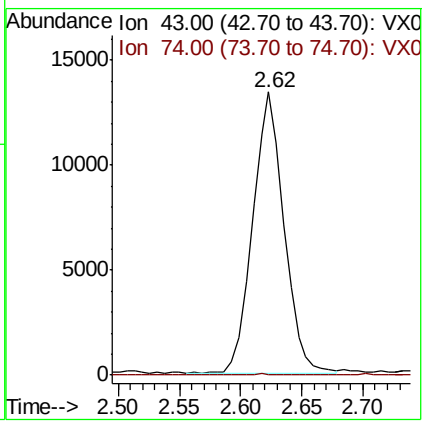


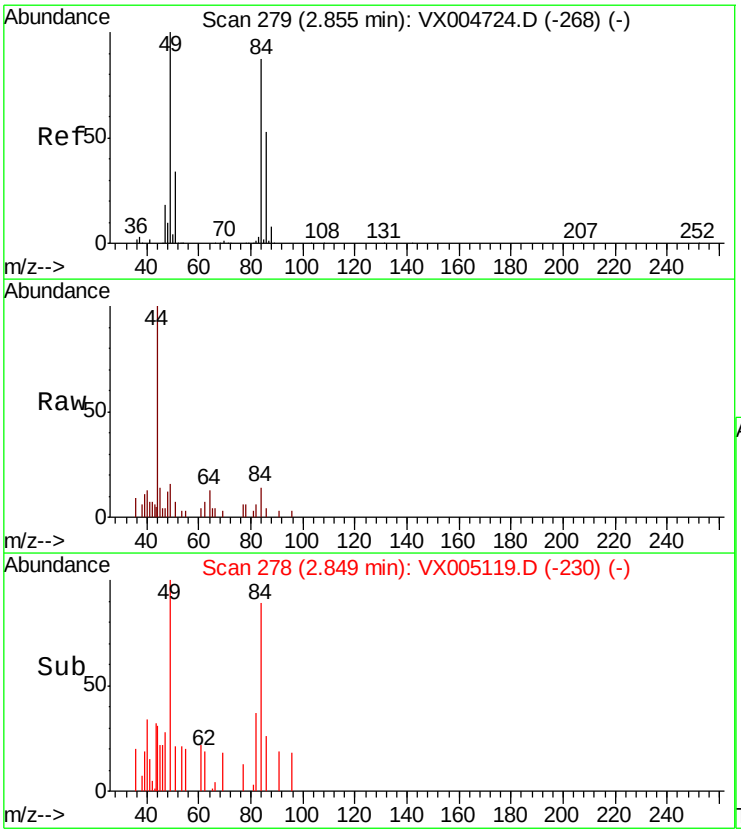
#18
Methyl Acetate
Concen: 5.613 ug/l
RT: 2.62 min Scan# 241
Delta R.T. -0.16 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
RE-117D1-20180926

Tgt Ion: 43 Resp: 23754

Ion	Ratio	Lower	Upper
43	100		
74	0.1	17.8	26.8#

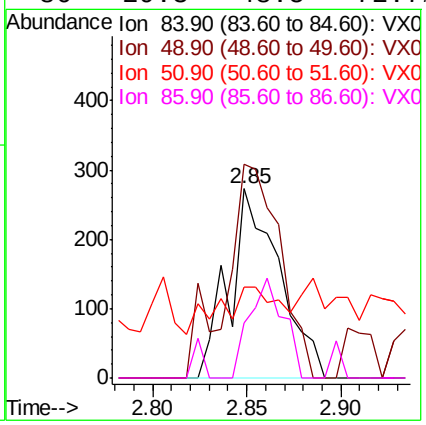


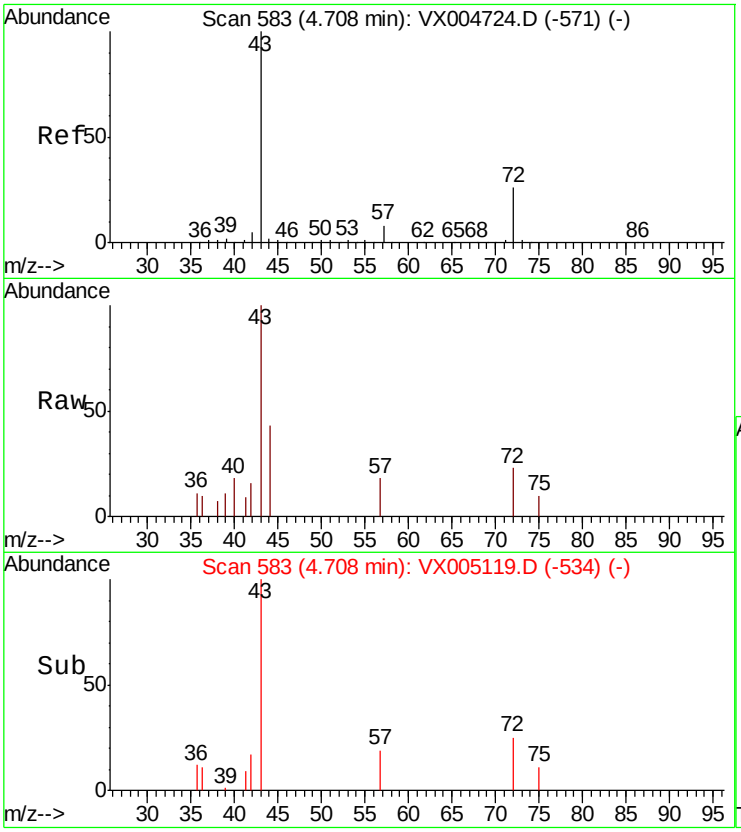


#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Tgt Ion: 84 Resp: 502

Ion	Ratio	Lower	Upper
84	100		
49	112.8	92.3	138.5
51	24.9	31.8	47.6#
86	29.3	48.5	72.7#



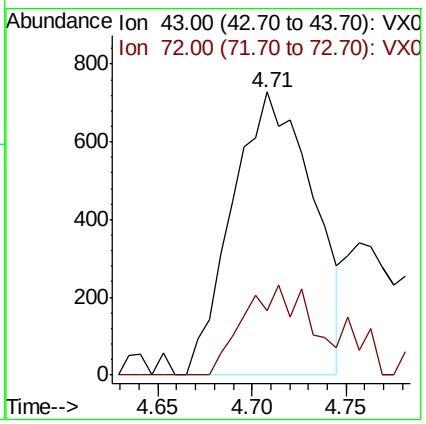


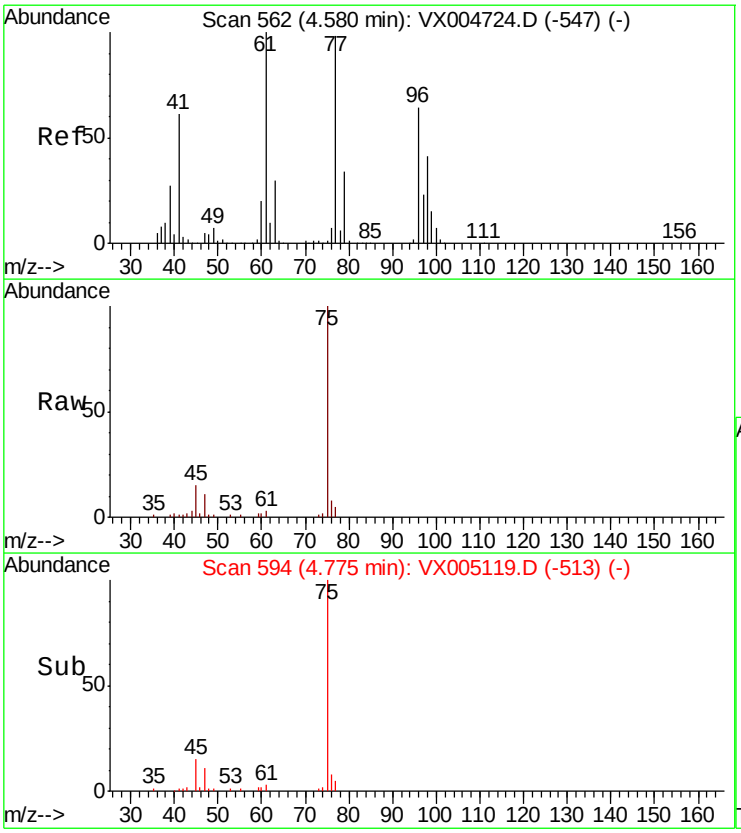
#25
2-Butanone
Concen: 0.879 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
RE-117D1-20180926

Tgt Ion: 43 Resp: 2164

Ion	Ratio	Lower	Upper
43	100		
72	22.8	20.8	31.2

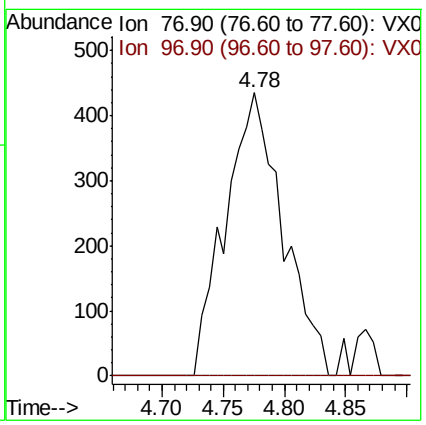


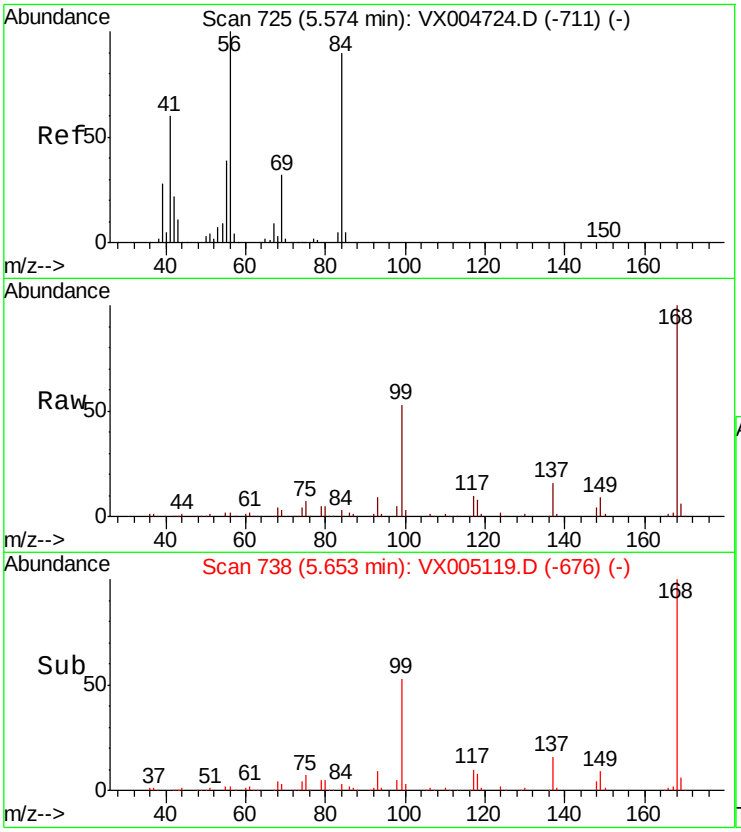


#26
2,2-Dichloropropane
Concen: 0.431 ug/l
RT: 4.78 min Scan# 594
Delta R.T. 0.20 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Tgt Ion: 77 Resp: 1426

Ion	Ratio	Lower	Upper
77	100		
97	0.0	12.6	37.8#



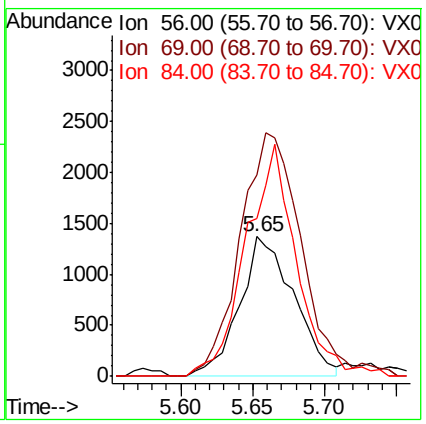


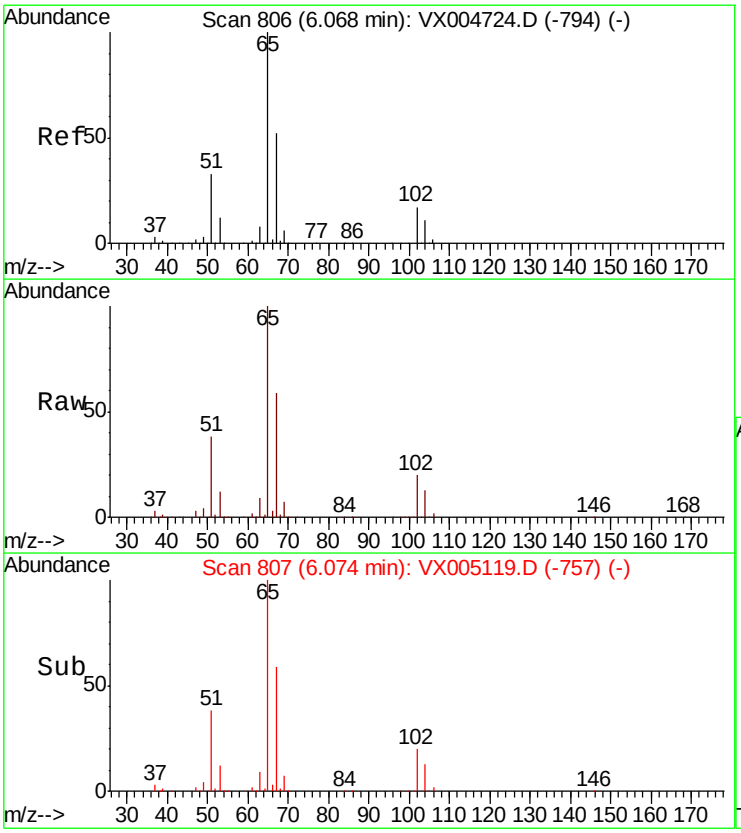
#31
Cyclohexane
Concen: 0.990 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.08 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
RE-117D1-20180926

Tgt Ion: 56 Resp: 3602

Ion	Ratio	Lower	Upper
56	100		
69	144.1	25.9	38.9#
84	112.9	71.9	107.9#

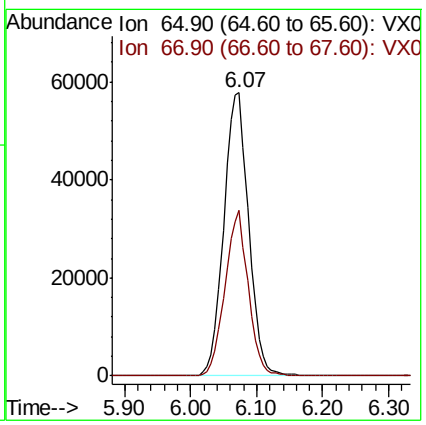


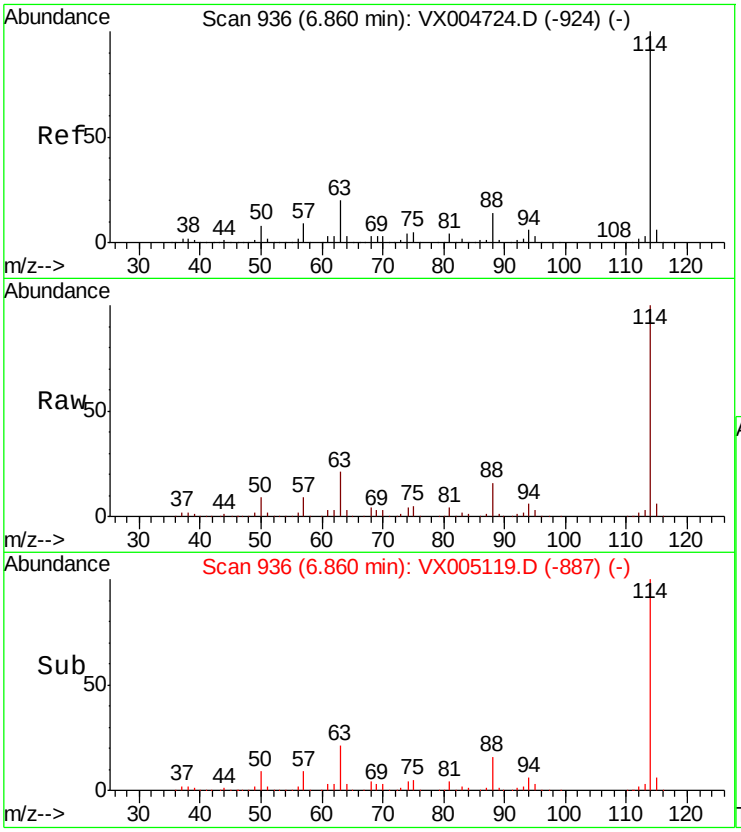


#33
1,2-Dichloroethane-d4
Concen: 52.556 ug/l
RT: 6.07 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Tgt Ion: 65 Resp: 150356

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	107.4



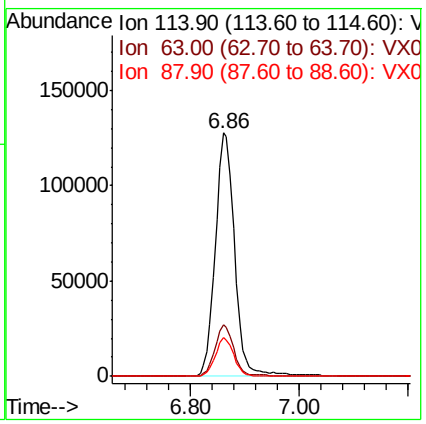


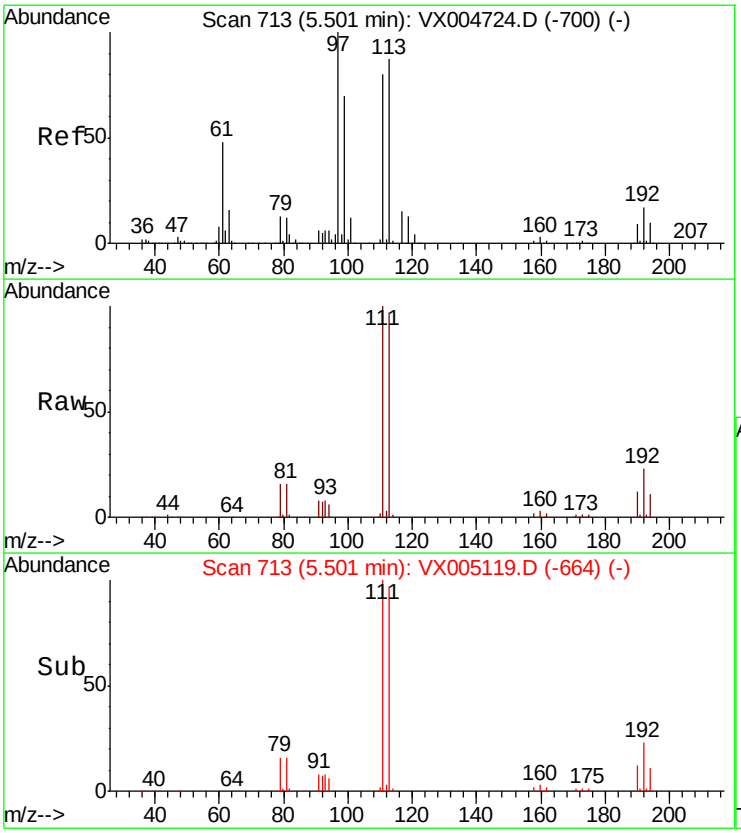
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
RE-117D1-20180926

Tgt Ion:114 Resp: 315873

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	39.8
88	15.9	0.0	27.0

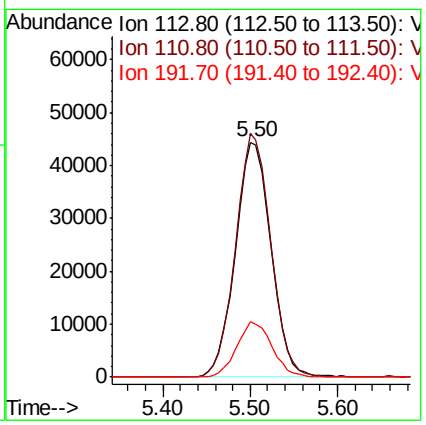


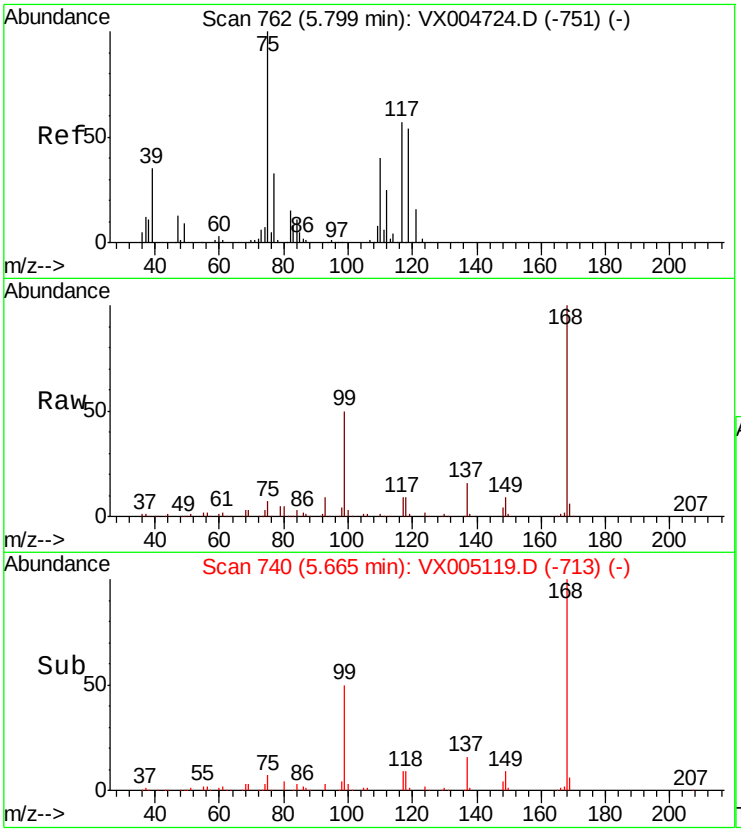


#35
Dibromofluoromethane
Concen: 47.191 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Tgt Ion:113 Resp: 126334

Ion	Ratio	Lower	Upper
113	100		
111	102.0	77.0	115.4
192	23.2	17.0	25.6



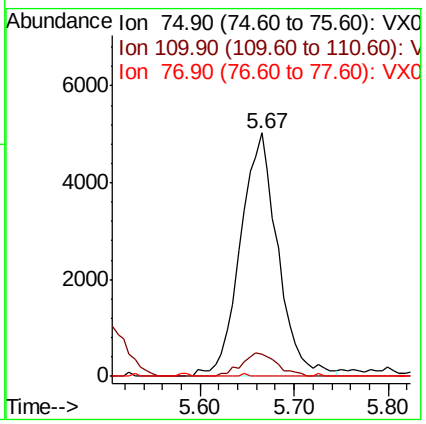


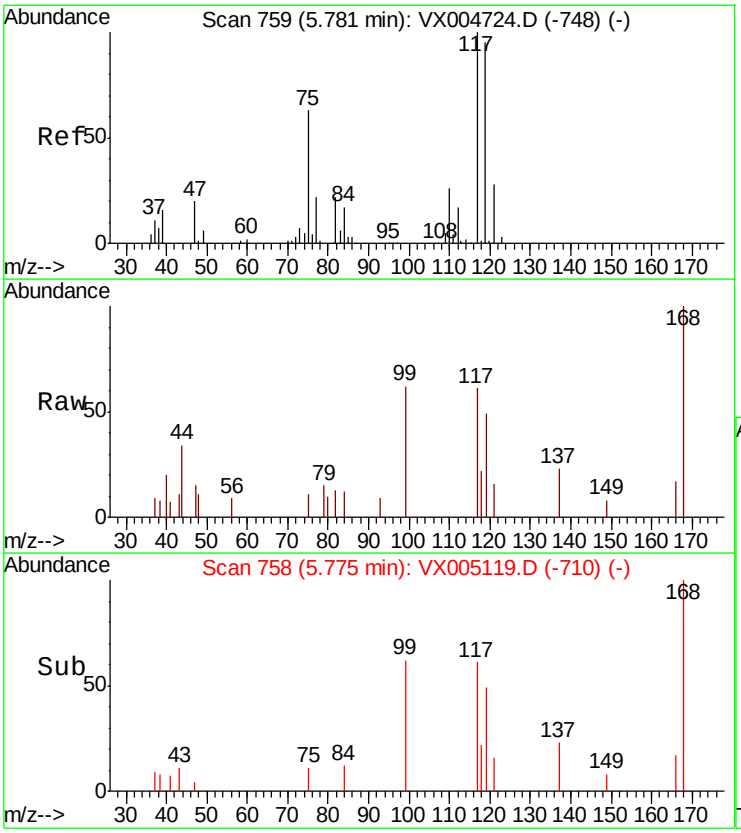
#36
1,1-Dichloropropene
Concen: 3.838 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
RE-117D1-20180926

Tgt Ion: 75 Resp: 14017

Ion	Ratio	Lower	Upper
75	100		
110	9.2	20.0	59.9#
77	0.1	27.1	40.7#

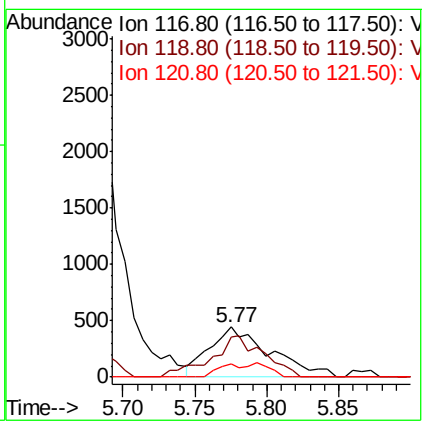


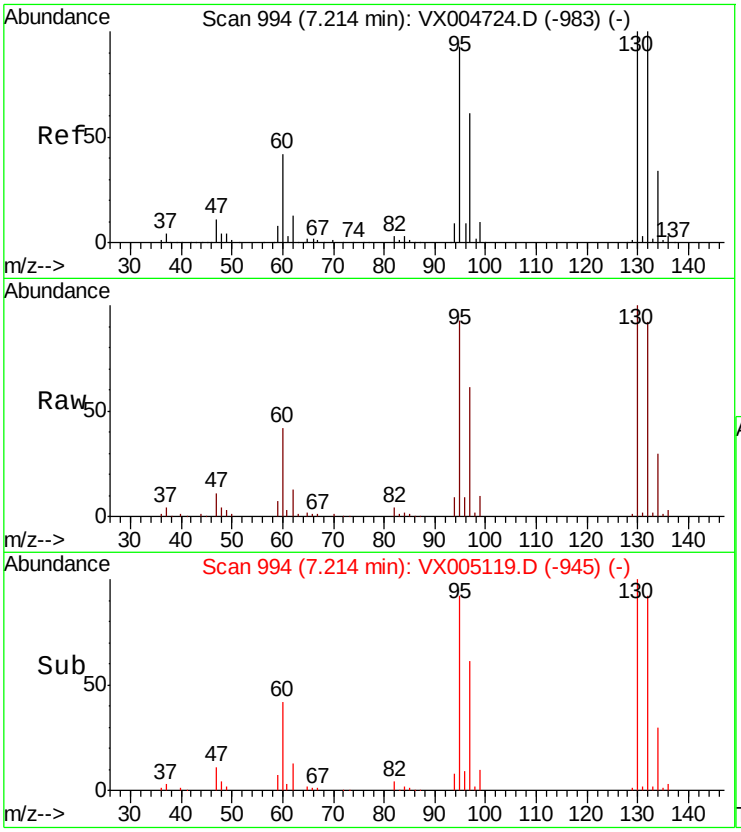


#38
Carbon Tetrachloride
Concen: 0.340 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Tgt Ion:117 Resp: 1304

Ion	Ratio	Lower	Upper
117	100		
119	79.7	75.2	112.8
121	25.5	22.5	33.7



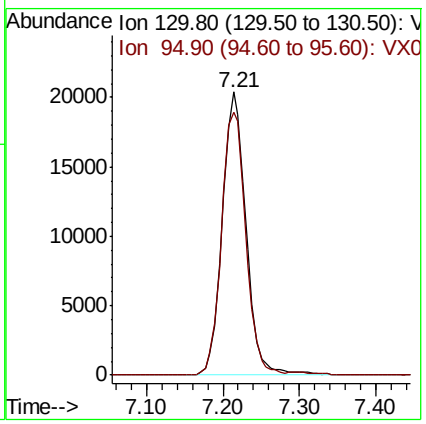


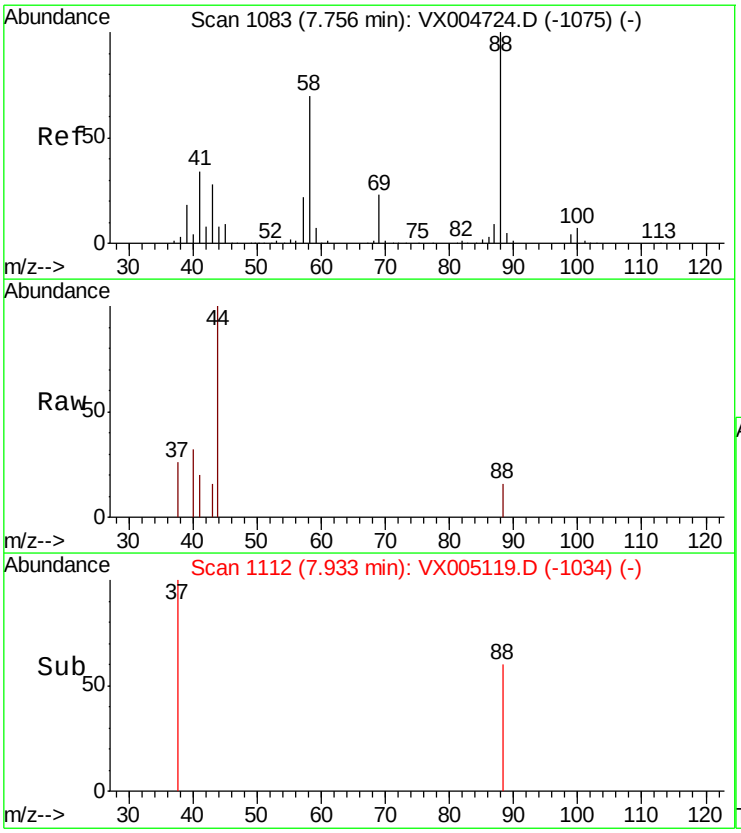
#44
Trichloroethene
Concen: 15.531 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
RE-117D1-20180926

Tgt Ion:130 Resp: 43658

Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	186.8

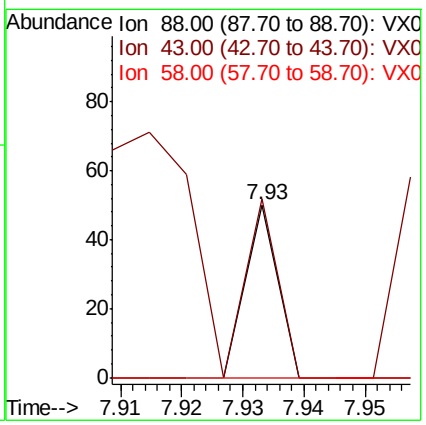


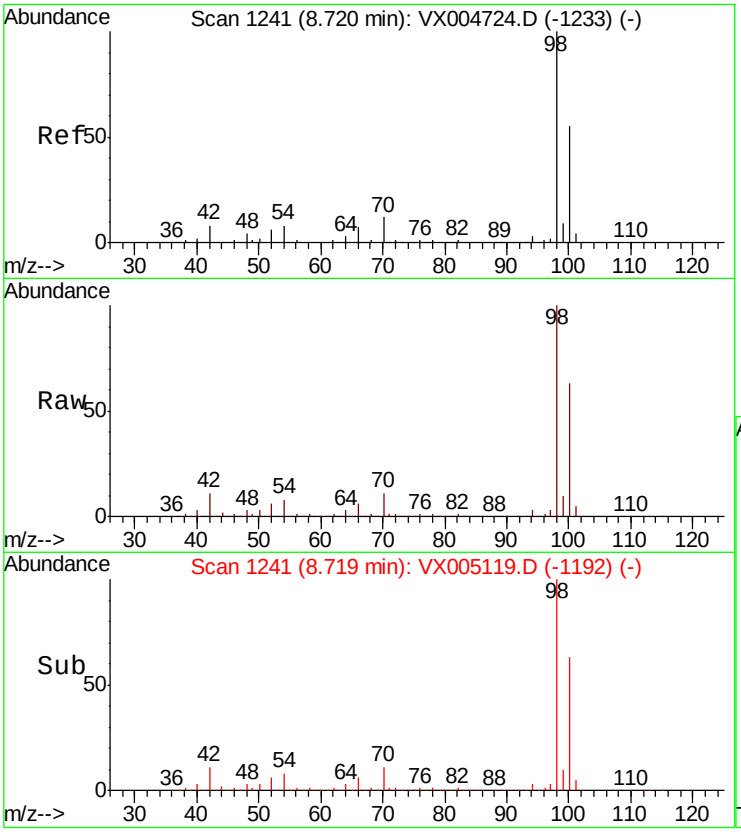


#49
1,4-Dioxane
Concen: 0.228 ug/l
RT: 7.93 min Scan# 1112
Delta R.T. 0.18 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Tgt Ion: 88 Resp: 18

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.1	37.7#
58	0.0	56.2	84.2#



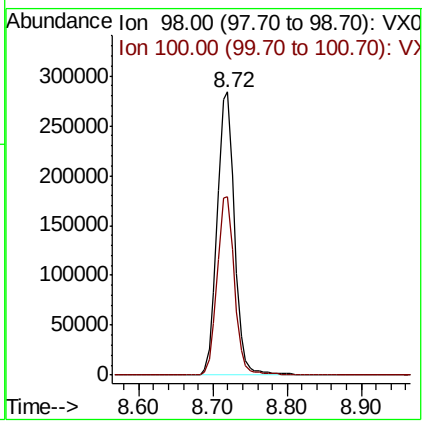


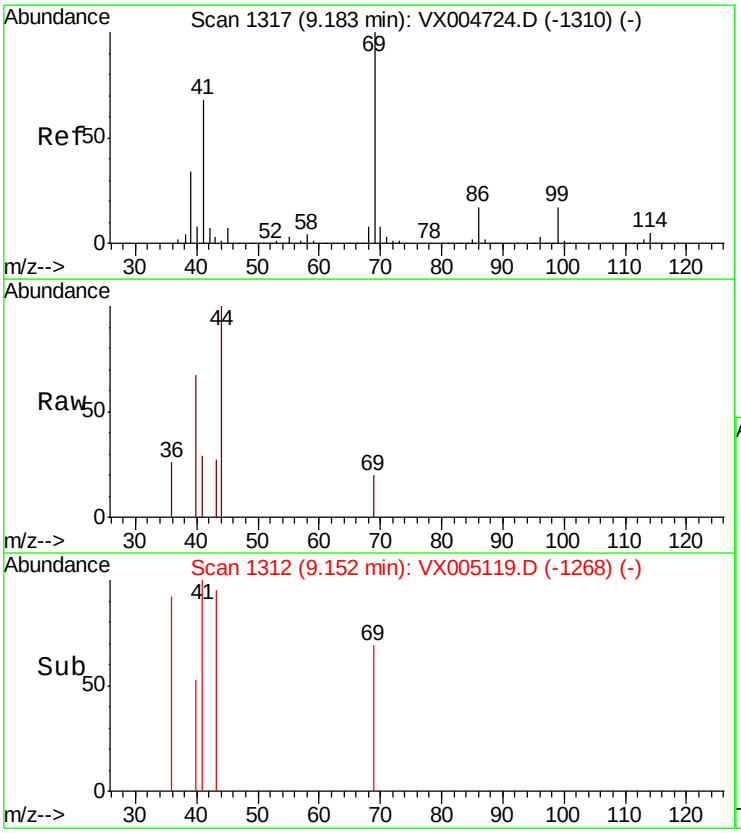
#50
Toluene-d8
Concen: 51.517 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
RE-117D1-20180926

Tgt Ion: 98 Resp: 458497

Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.9	77.9

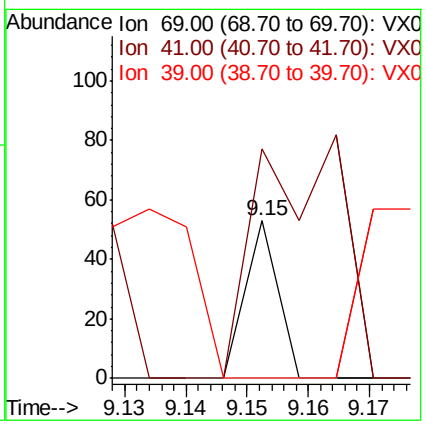


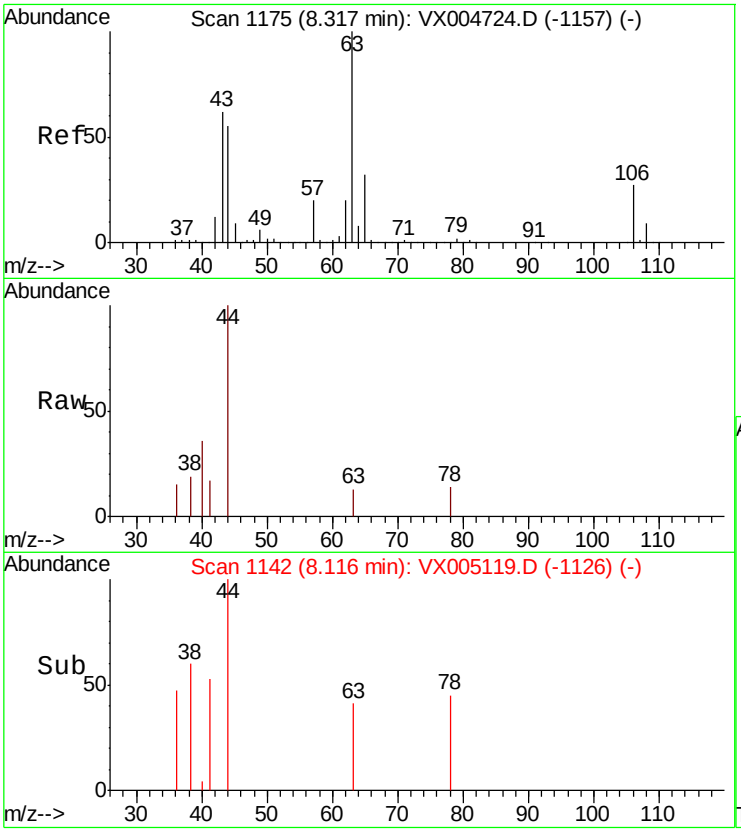


#56
Ethyl methacrylate
Concen: 2.866 ug/l
RT: 9.15 min Scan# 1312
Delta R.T. -0.03 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Tgt Ion: 69 Resp: 19

Ion	Ratio	Lower	Upper
69	100		
41	410.5	56.9	85.3#
39	0.0	28.4	42.6#



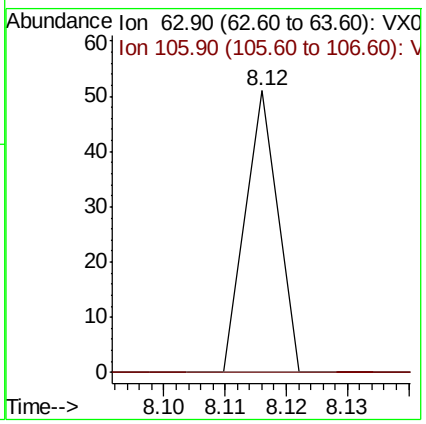


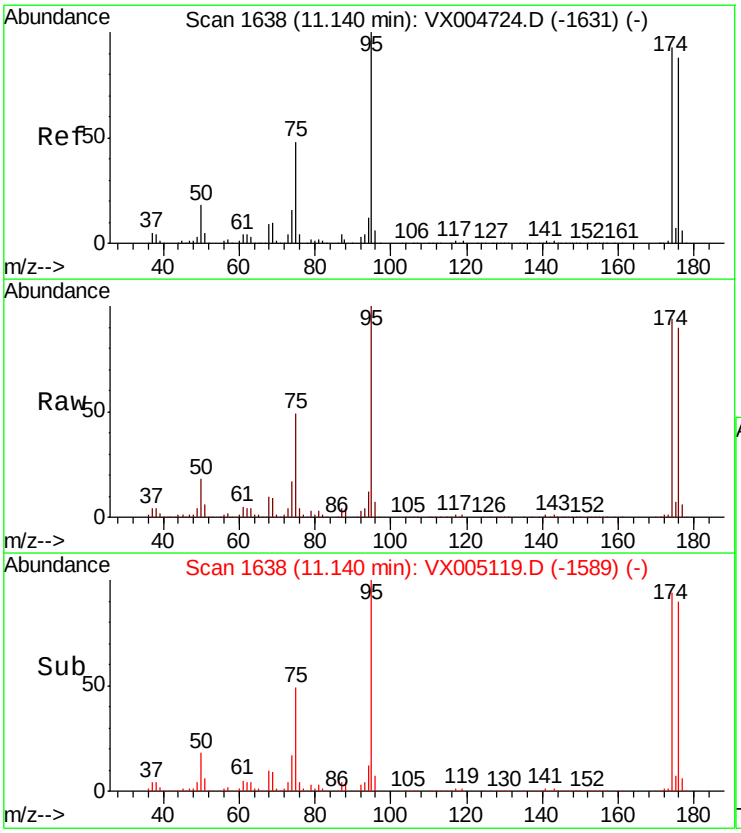
#58
2-Chloroethyl Vinyl ether
Concen: 14.250 ug/l
RT: 8.12 min Scan# 1142
Delta R.T. -0.20 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
RE-117D1-20180926

Tgt Ion: 63 Resp: 19

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.0	31.6#

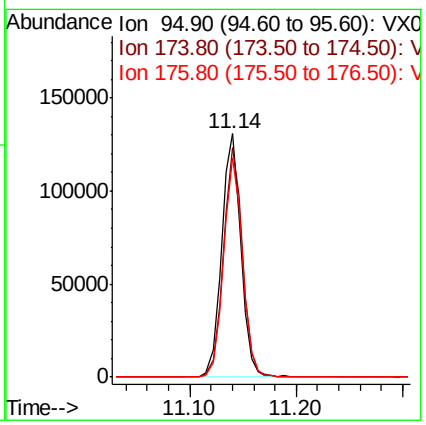


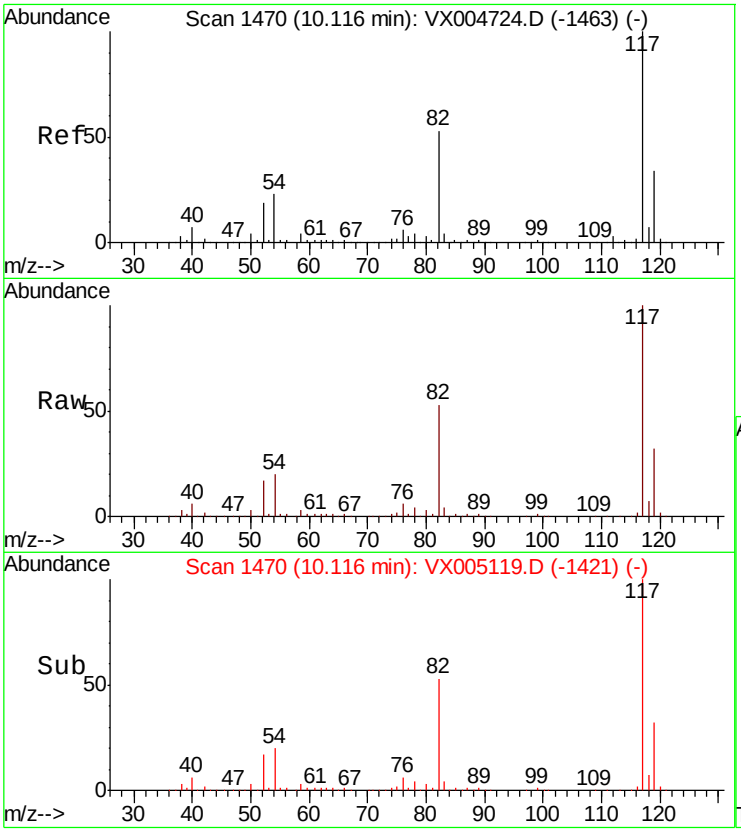


#62
4-Bromofluorobenzene
Concen: 51.412 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Tgt Ion: 95 Resp: 164840

Ion	Ratio	Lower	Upper
95	100		
174	93.9	0.0	185.0
176	89.8	0.0	180.2



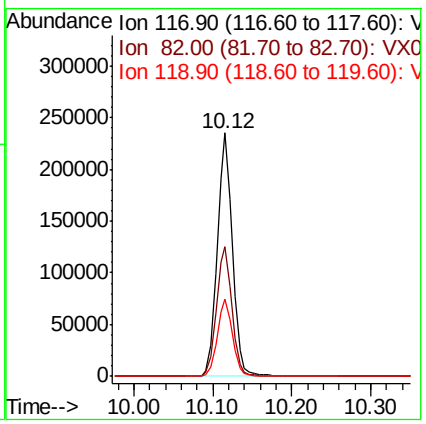


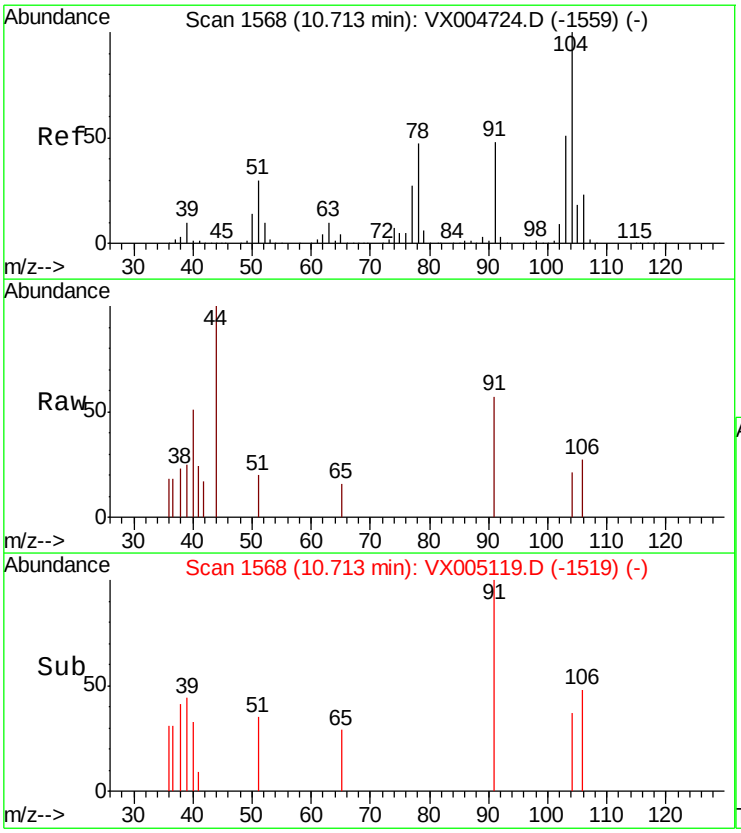
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
RE-117D1-20180926

Tgt Ion:117 Resp: 313556

Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.2	63.4
119	31.7	27.4	41.0

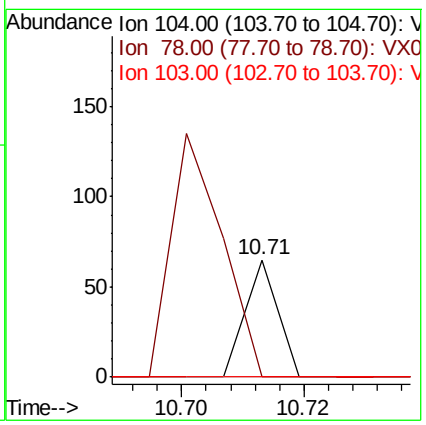


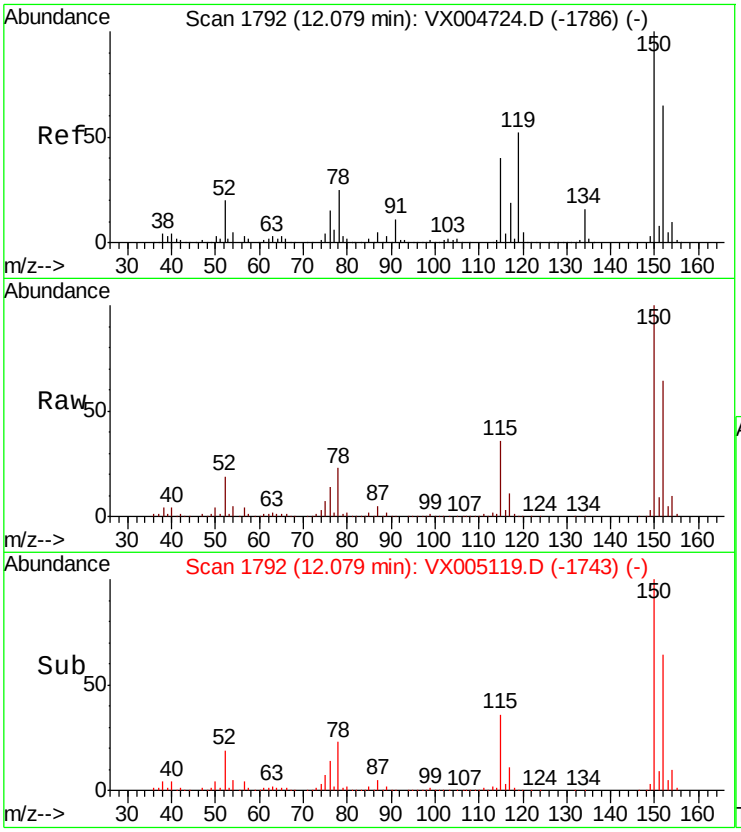


#70
Styrene
Concen: 2.143 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Tgt Ion:104 Resp: 24

Ion	Ratio	Lower	Upper
104	100		
78	325.0	40.0	60.0#
103	0.0	44.3	66.5#



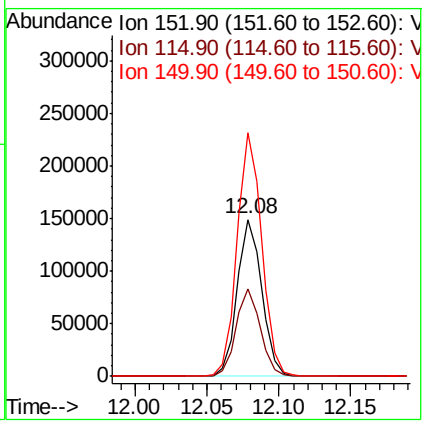


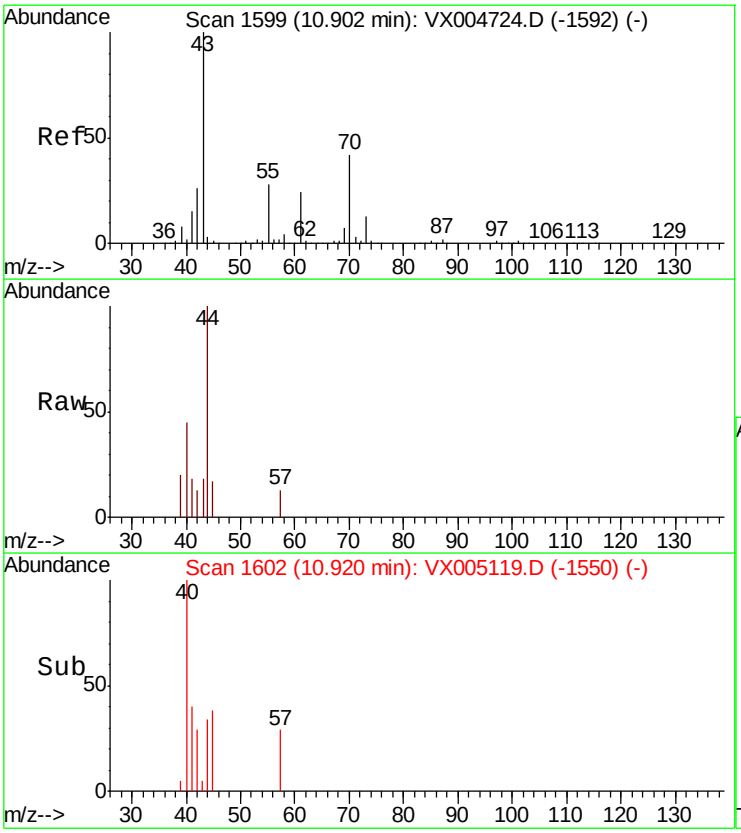
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
RE-117D1-20180926

Tgt Ion:152 Resp: 176910

Ion	Ratio	Lower	Upper
152	100		
115	55.1	40.2	120.6
150	155.7	0.0	351.0

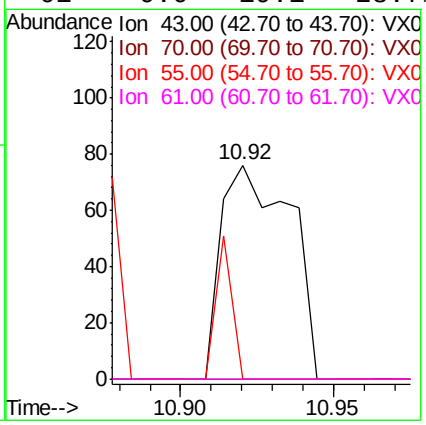


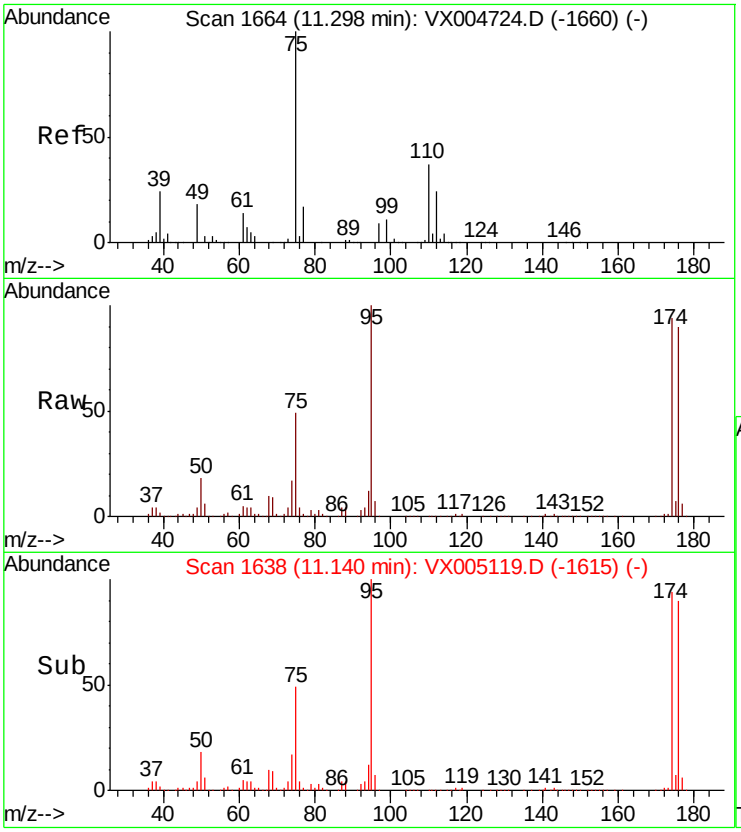


#74
N-amyl acetate
Concen: 1.767 ug/l
RT: 10.92 min Scan# 1602
Delta R.T. 0.02 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Tgt Ion: 43 Resp: 119

Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.6	48.8#
55	16.0	21.6	32.4#
61	0.0	19.1	28.7#



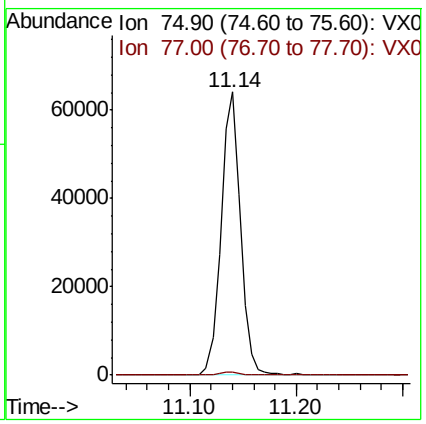


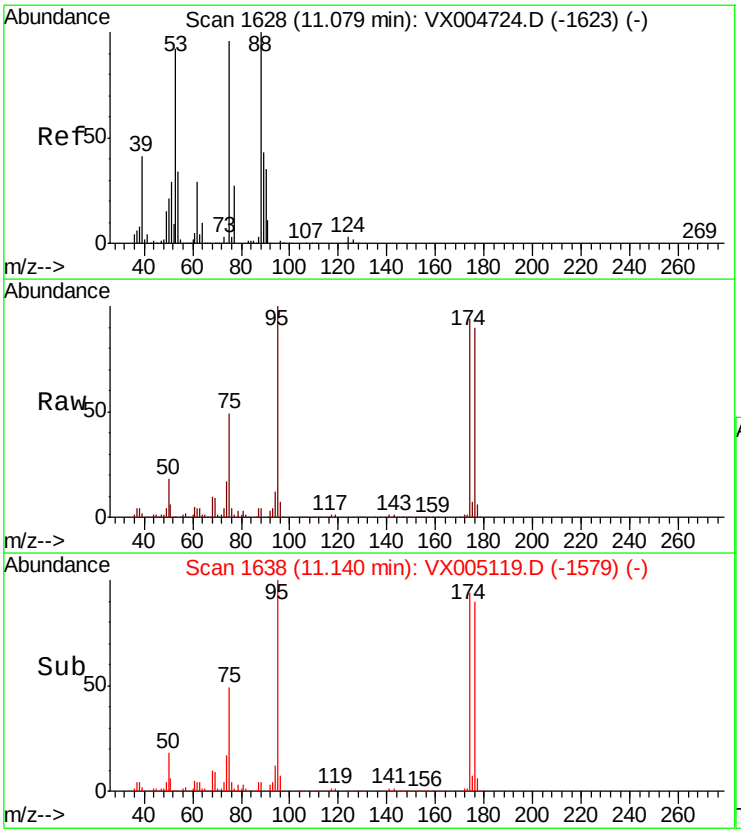
#76
1,2,3-Trichloropropane
Concen: 20.503 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
RE-117D1-20180926

Tgt Ion: 75 Resp: 81298

Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.4	64.3#

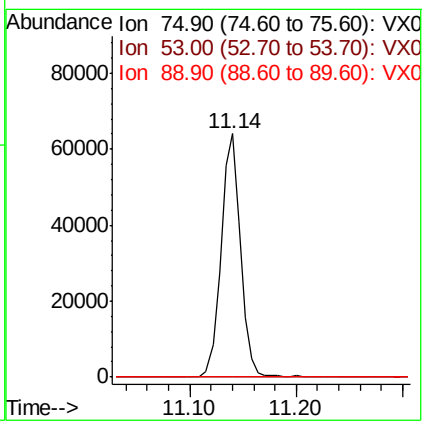


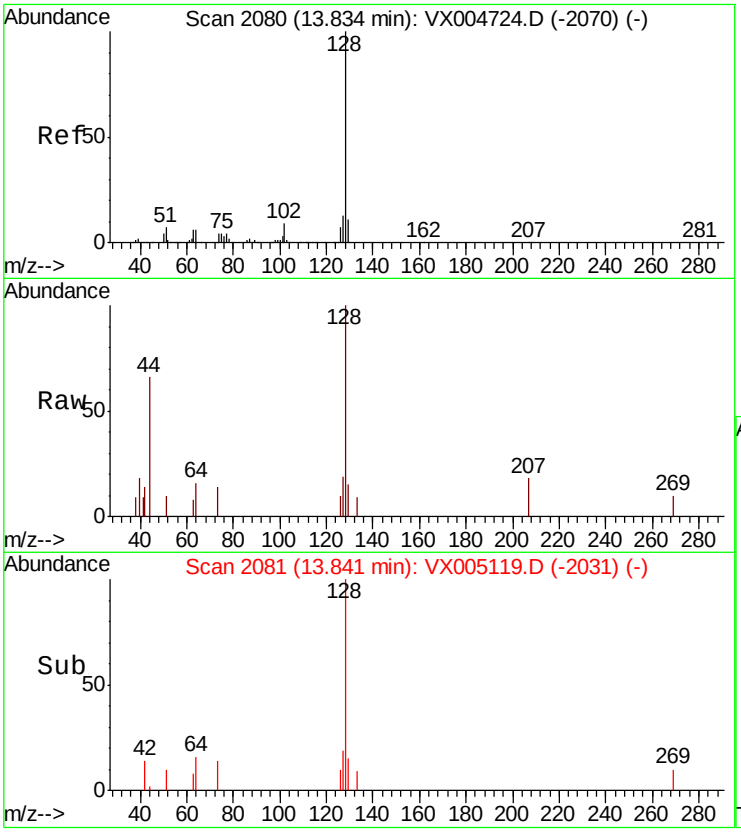


#81
trans-1,4-Dichloro-2-butene
Concen: 55.684 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.06 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Tgt Ion: 75 Resp: 81298

Ion	Ratio	Lower	Upper
75	100		
53	0.3	80.2	120.4#
89	0.0	37.1	55.7#





#95
Naphthalene
Concen: 0.778 ug/l
RT: 13.84 min Scan# 2081
Delta R.T. 0.01 min
Lab File: VX005119.D
Acq: 08 Oct 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :
RE-117D1-20180926

Tgt Ion:128 Resp: 867

Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.4	15.6
129	14.2	8.7	13.1#