Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110118\
Data File : VX005737.D
Acq On : 01 Nov 2018 18:45
Operator : JC/MD
Sample : PB114370ZHE#03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB114370ZHE#03

Quant Time: Nov 02 04:19:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	136616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	205215	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	181871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	78159	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	98573	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.70%			
35) Dibromofluoromethane	5.51	113	69165	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.36%			
50) Toluene-d8	8.71	98	253981	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.92%			
62) 4-Bromofluorobenzene	11.14	95	81619	44.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.74%			
Target Compounds						Qvalue
6) Chloroethane	1.71	64	24	Below Cal	#	42
11) Tert butyl alcohol	3.06	59	278	0.513	ug/l #	72
13) Acrolein	2.29	56	95	12.416	ug/l #	81
16) Acetone	2.45	43	11145	1.592	ug/l	91
18) Methyl Acetate	2.78	43	7210	2.515	ug/l	97
20) Methylene Chloride	2.85	84	4952	2.875	ug/l	93
25) 2-Butanone	4.71	43	2059	1.222	ug/l	99
29) Tetrahydrofuran	5.17	42	494	0.480	ug/l #	68
31) Cyclohexane	5.67	56	3550	1.330	ug/l #	23
36) 1,1-Dichloropropene	5.66	75	11704	5.353	ug/l #	48
38) Carbon Tetrachloride	5.67	117	12604	6.381	ug/l #	15
43) Isopropyl Acetate	6.46	43	104296	25.761	ug/l	97
48) Methyl methacrylate	7.69	41	3765	1.921	ug/l #	26
51) 4-Methyl-2-Pentanone	8.62	43	1448	0.525	ug/l #	38
54) cis-1,3-Dichloropropene	8.62	75	716	0.309	ug/l #	67
56) Ethyl methacrylate	9.09	69	45	2.487	ug/l #	22
58) 2-Chloroethyl Vinyl ether	8.24	63	20	10.351	ug/l #	48
59) 2-Hexanone	9.55	43	5706	2.540	ug/l	63
76) 1,2,3-Trichloropropane	11.14	75	43068	22.124	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	43068	71.482	ug/l #	9
95) Naphthalene	13.83	128	1985	0.364	ug/l #	93

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

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Quant Time: Nov 02 04:19:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
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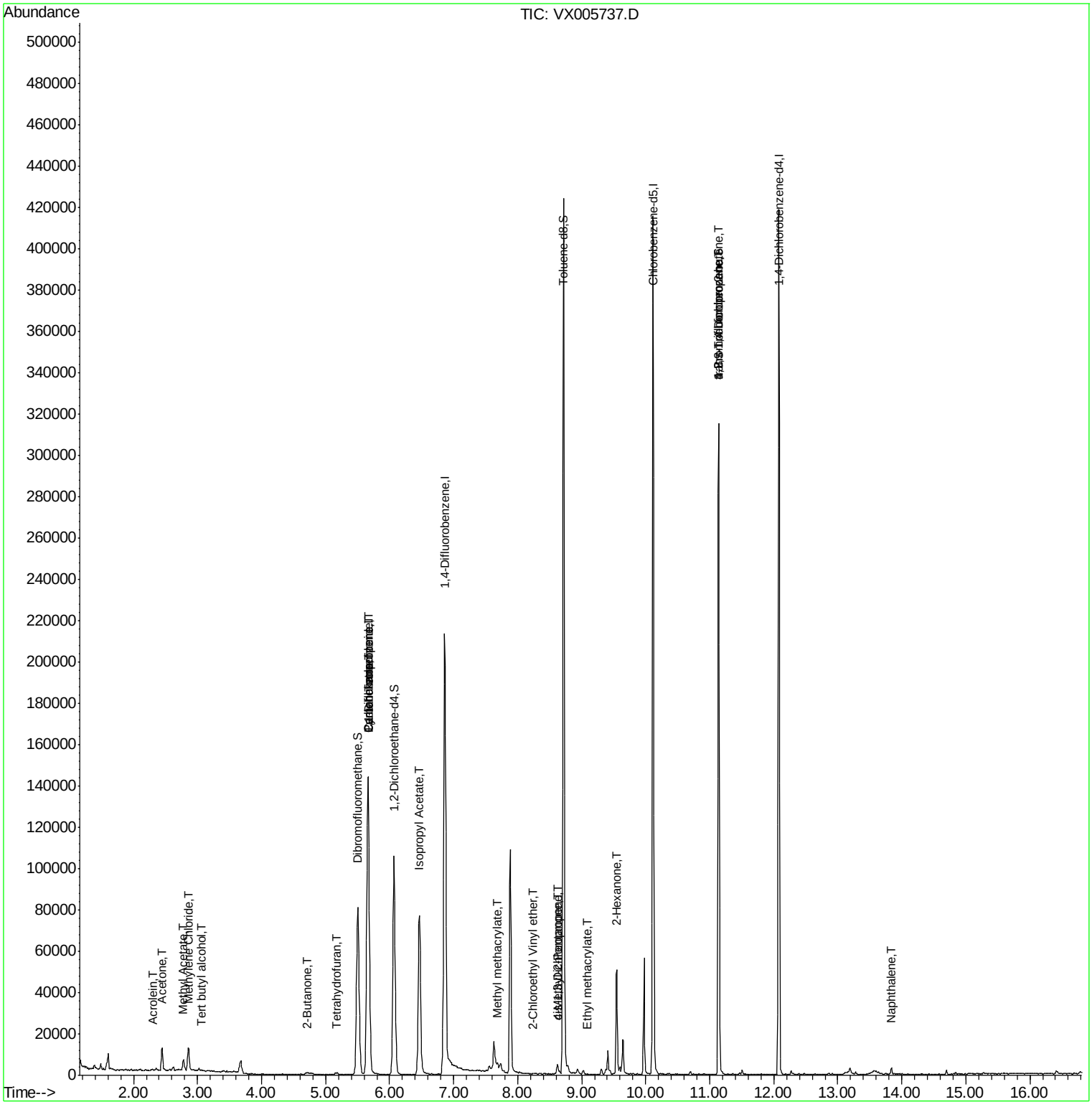
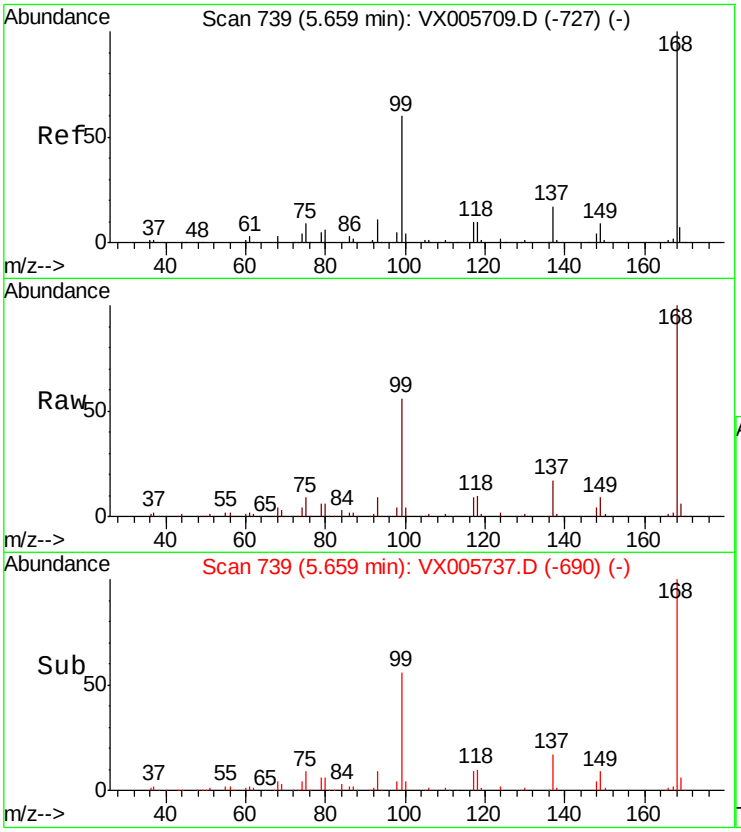


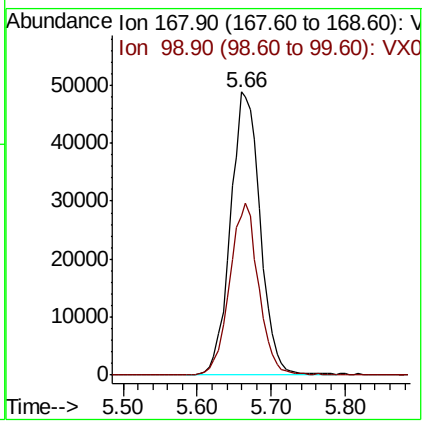


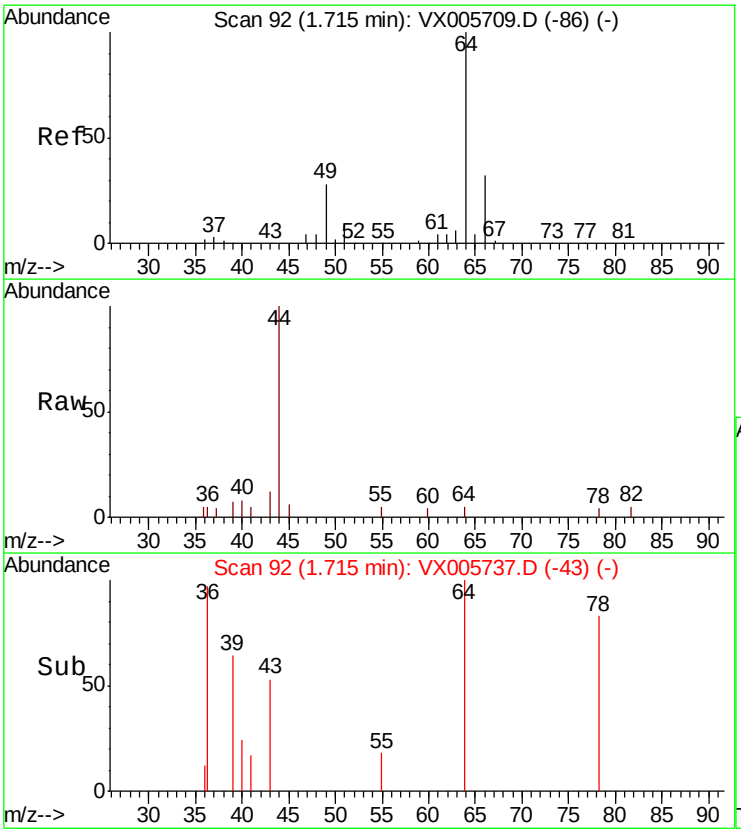
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX005737.D
Acq: 01 Nov 2018 18:45

Instrument :
MSVOA_X
ClientSampleId :
PB114370ZHE#03

Tgt Ion:168 Resp: 136616

Ion	Ratio	Lower	Upper
168	100		
99	56.4	40.7	61.1

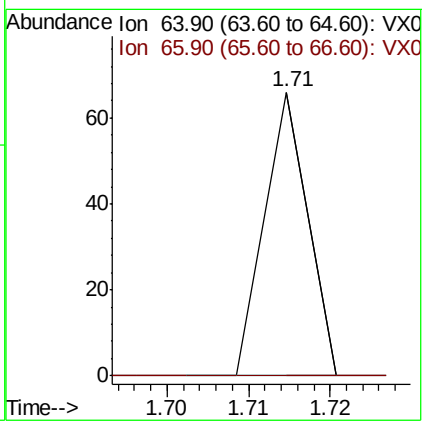


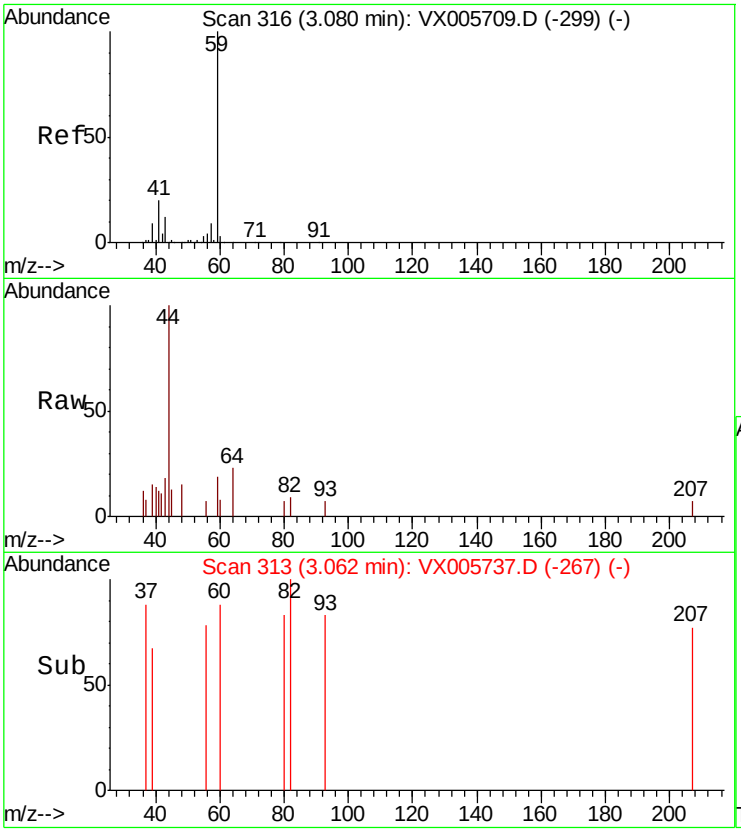


#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 92
Delta R.T. 0.00 min
Lab File: VX005737.D
Acq: 01 Nov 2018 18:45

Tgt Ion: 64 Resp: 24

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.8	38.6#



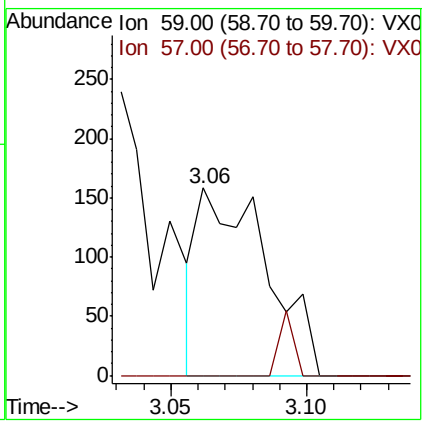


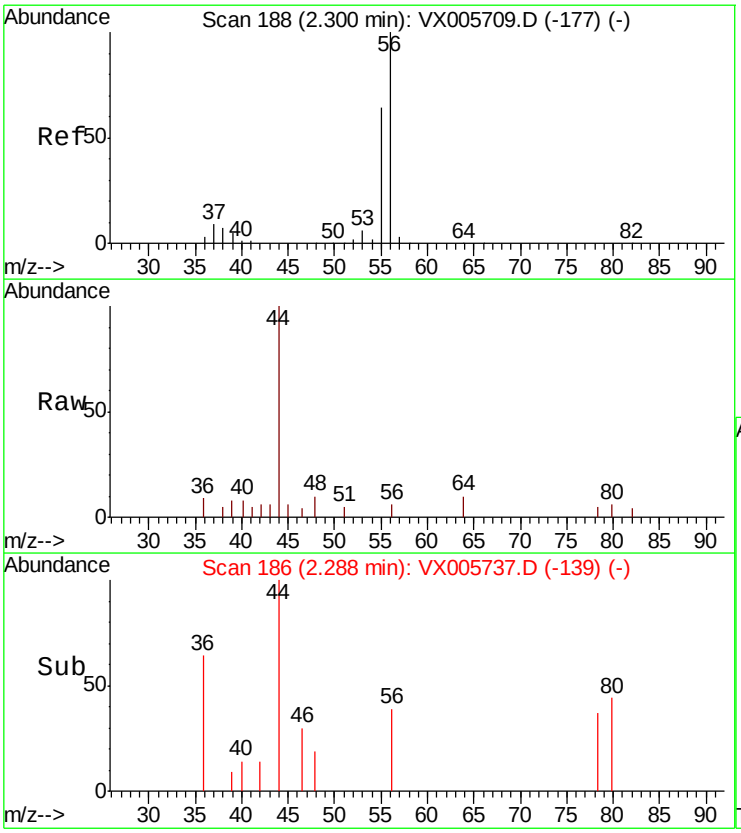
#11
Tert butyl alcohol
Concen: 0.513 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX005737.D
Acq: 01 Nov 2018 18:45

Instrument : MSVOA_X
ClientSampleId : PB114370ZHE#03

Tgt Ion: 59 Resp: 278

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#

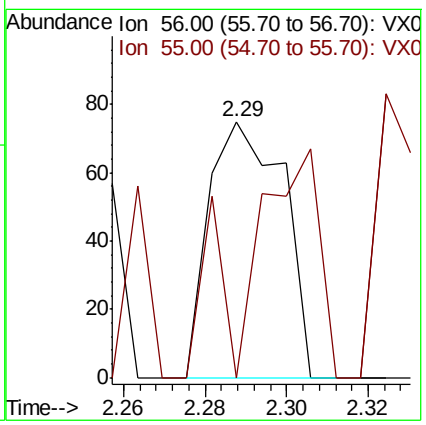


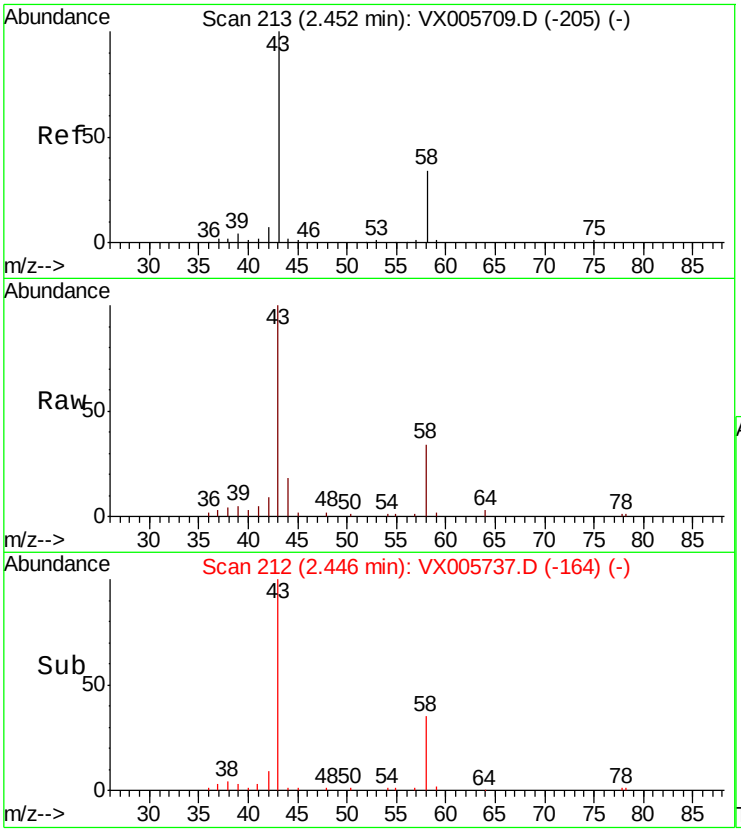


#13
Acrolein
Concen: 12.416 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX005737.D
Acq: 01 Nov 2018 18:45

Tgt Ion: 56 Resp: 95

Ion	Ratio	Lower	Upper
56	100		
55	87.4	57.3	85.9#



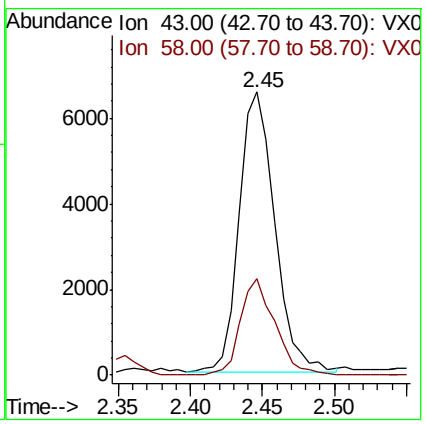


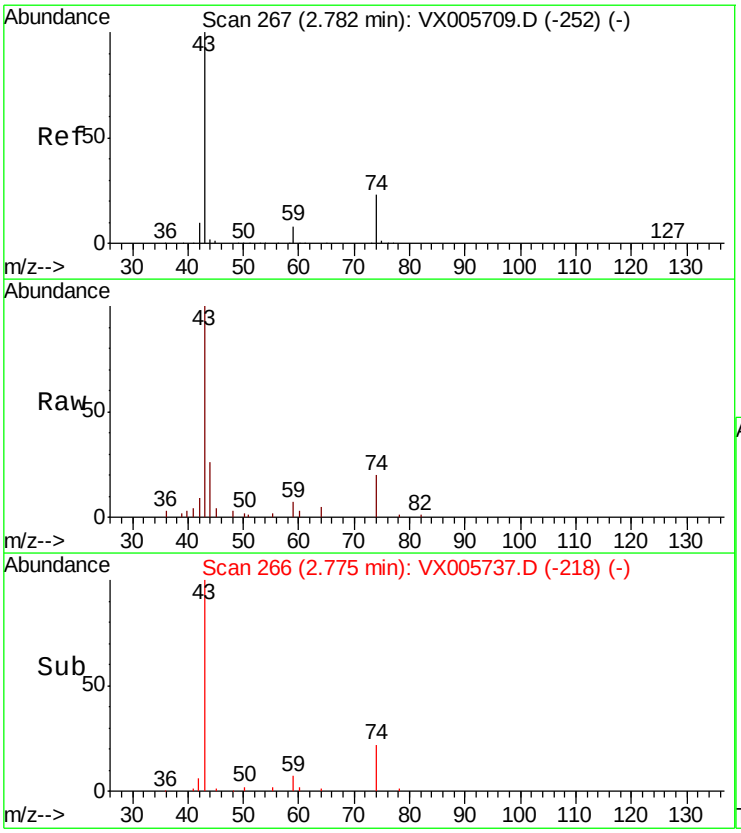
#16
Acetone
Concen: 1.592 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX005737.D
Acq: 01 Nov 2018 18:45

Instrument :
MSVOA_X
ClientSampleId :
PB114370ZHE#03

Tgt Ion: 43 Resp: 11145

Ion	Ratio	Lower	Upper
43	100		
58	34.6	23.8	35.6

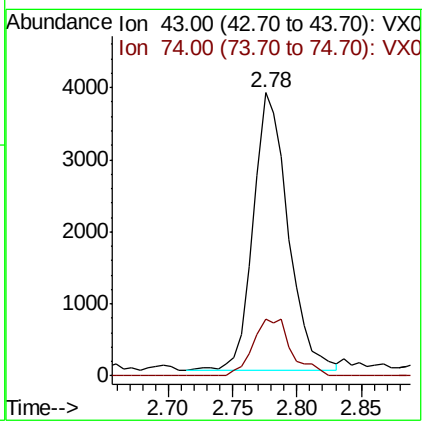


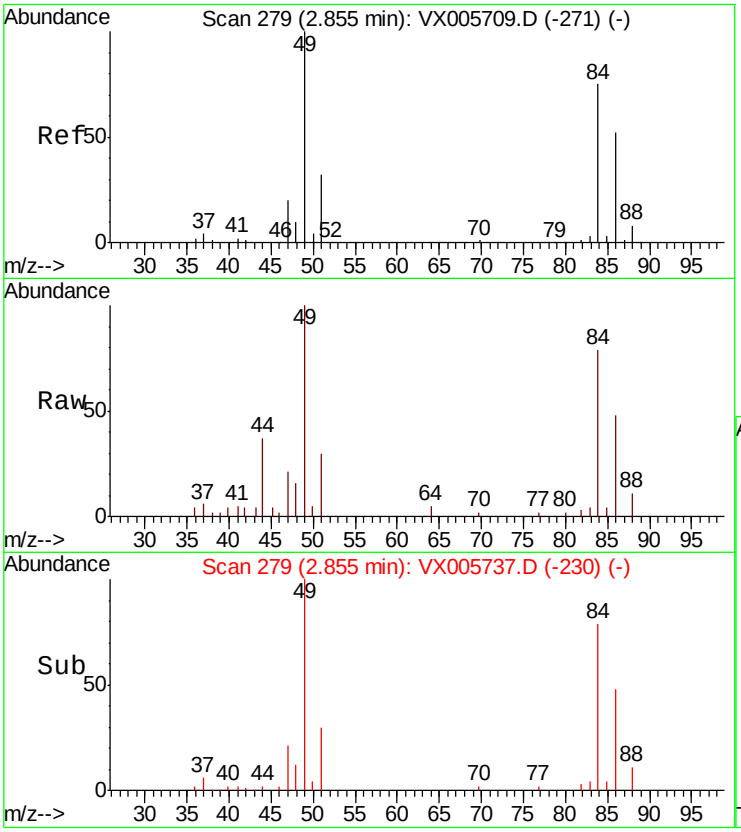


#18
Methyl Acetate
Concen: 2.515 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005737.D
Acq: 01 Nov 2018 18:45

Tgt Ion: 43 Resp: 7210

Ion	Ratio	Lower	Upper
43	100		
74	22.6	16.8	25.2



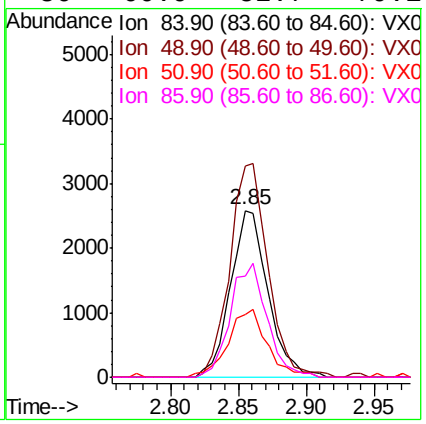


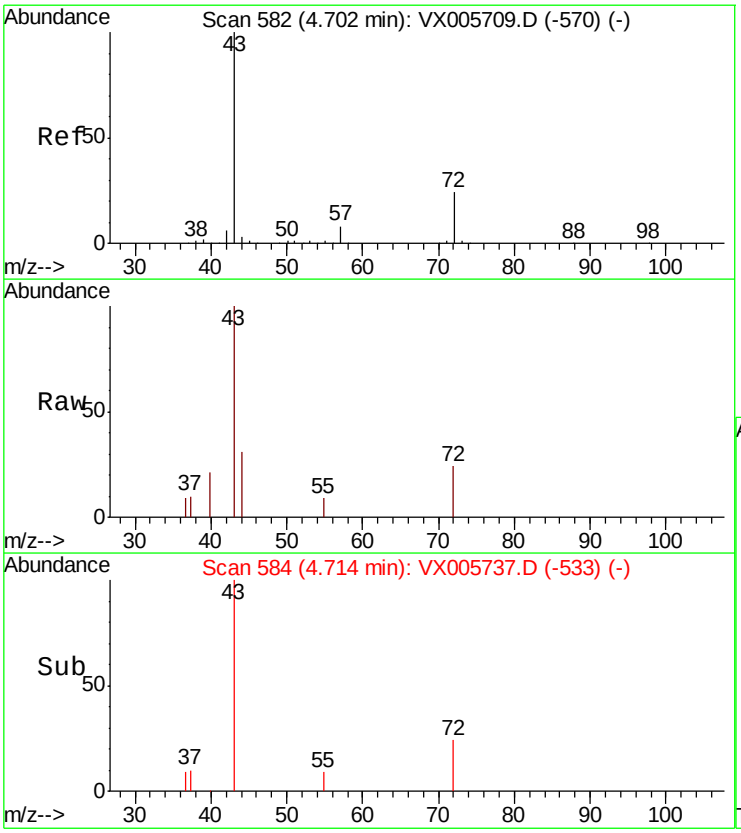
#20
Methylene Chloride
Concen: 2.875 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005737.D
Acq: 01 Nov 2018 18:45

Instrument :
MSVOA_X
ClientSampleId :
PB114370ZHE#03

Tgt Ion: 84 Resp: 4952

Ion	Ratio	Lower	Upper
84	100		
49	126.6	109.5	164.3
51	37.9	33.3	49.9
86	60.9	52.7	79.1

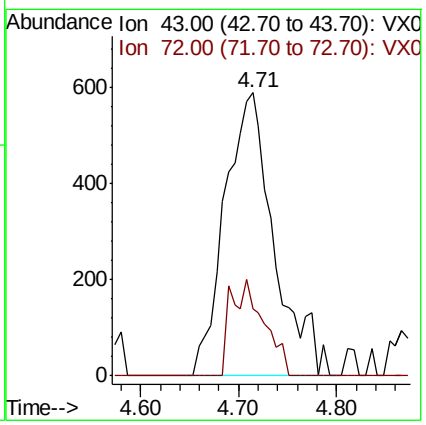


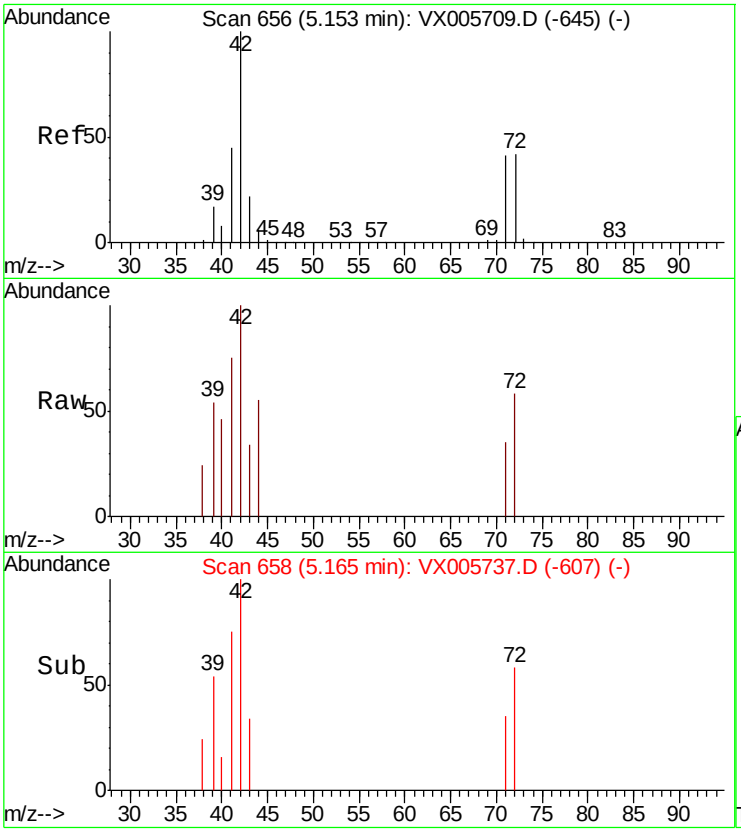


#25
2-Butanone
Concen: 1.222 ug/l
RT: 4.71 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX005737.D
Acq: 01 Nov 2018 18:45

Tgt Ion: 43 Resp: 2059

Ion	Ratio	Lower	Upper
43	100		
72	23.6	19.2	28.8



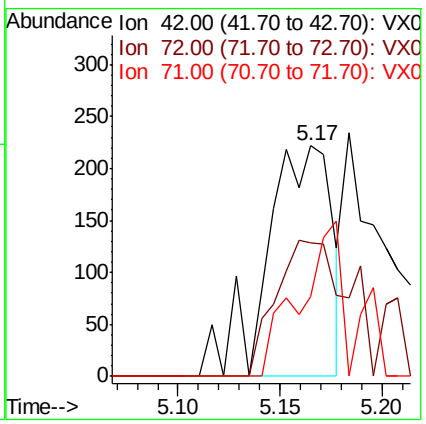


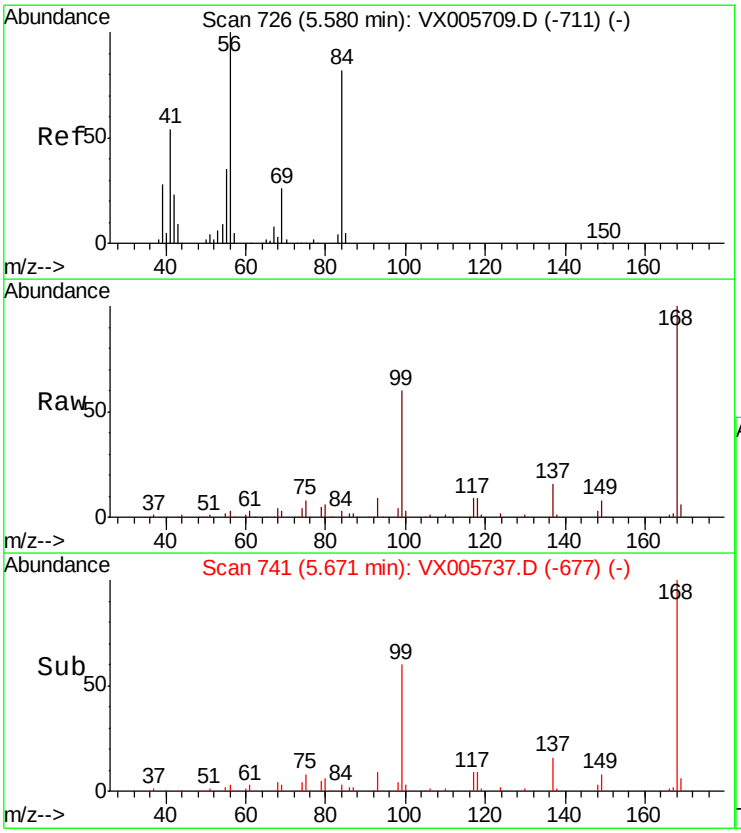
#29
Tetrahydrofuran
Concen: 0.480 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005737.D
Acq: 01 Nov 2018 18:45

Instrument :
MSVOA_X
ClientSampleId :
PB114370ZHE#03

Tgt Ion: 42 Resp: 494

Ion	Ratio	Lower	Upper
42	100		
72	64.6	32.0	48.0#
71	51.8	29.8	44.8#

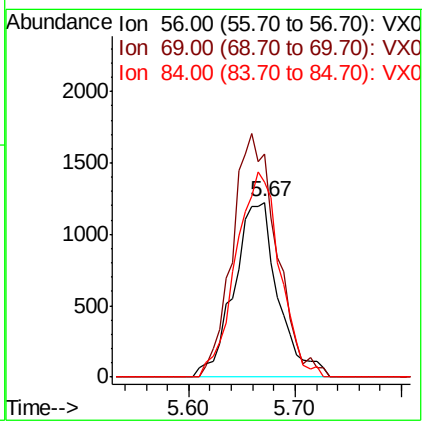


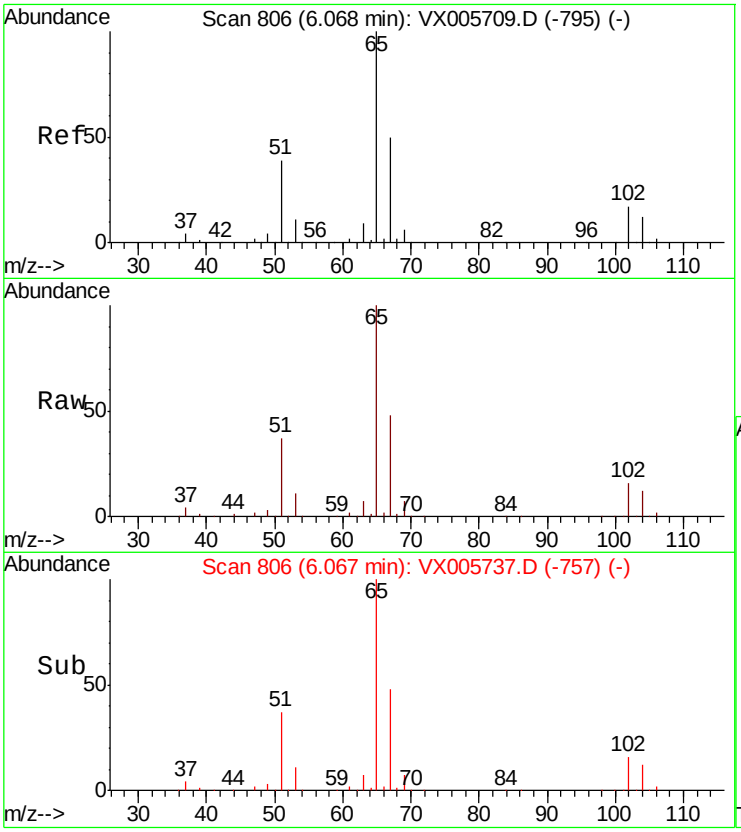


#31
Cyclohexane
Concen: 1.330 ug/l
RT: 5.67 min Scan# 741
Delta R.T. 0.09 min
Lab File: VX005737.D
Acq: 01 Nov 2018 18:45

Tgt Ion: 56 Resp: 3550

Ion	Ratio	Lower	Upper
56	100		
69	127.4	22.6	34.0#
84	111.1	62.7	94.1#



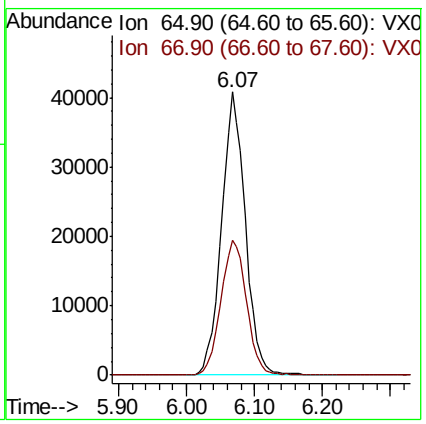


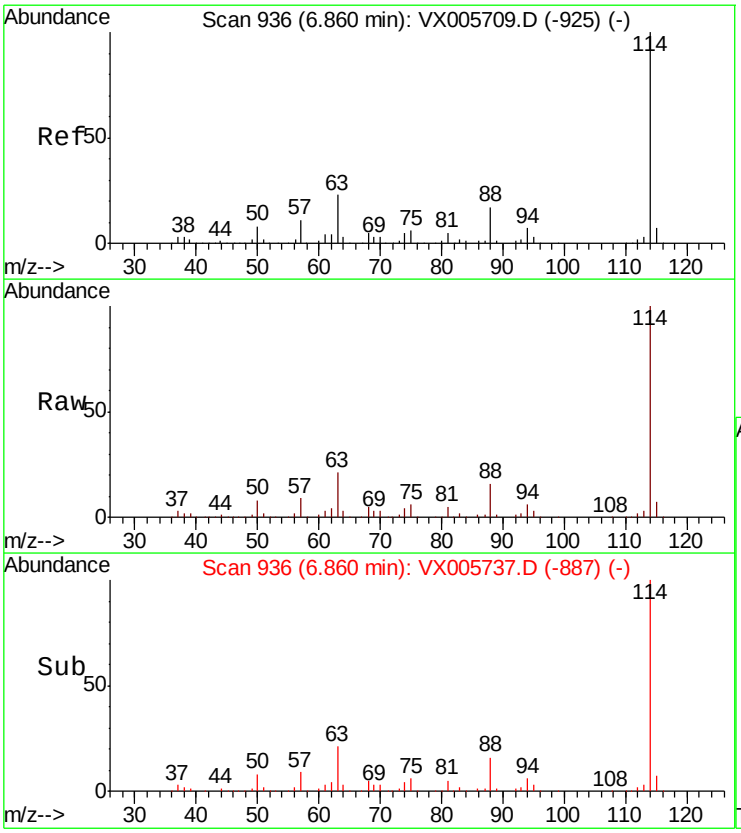
#33
1,2-Dichloroethane-d4
Concen: 49.352 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005737.D
Acq: 01 Nov 2018 18:45

Instrument :
MSVOA_X
ClientSampleId :
PB114370ZHE#03

Tgt Ion: 65 Resp: 98573

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	105.0

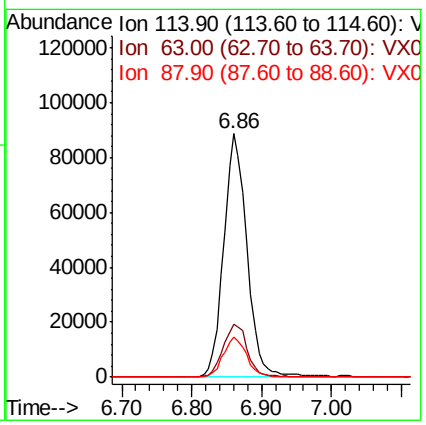


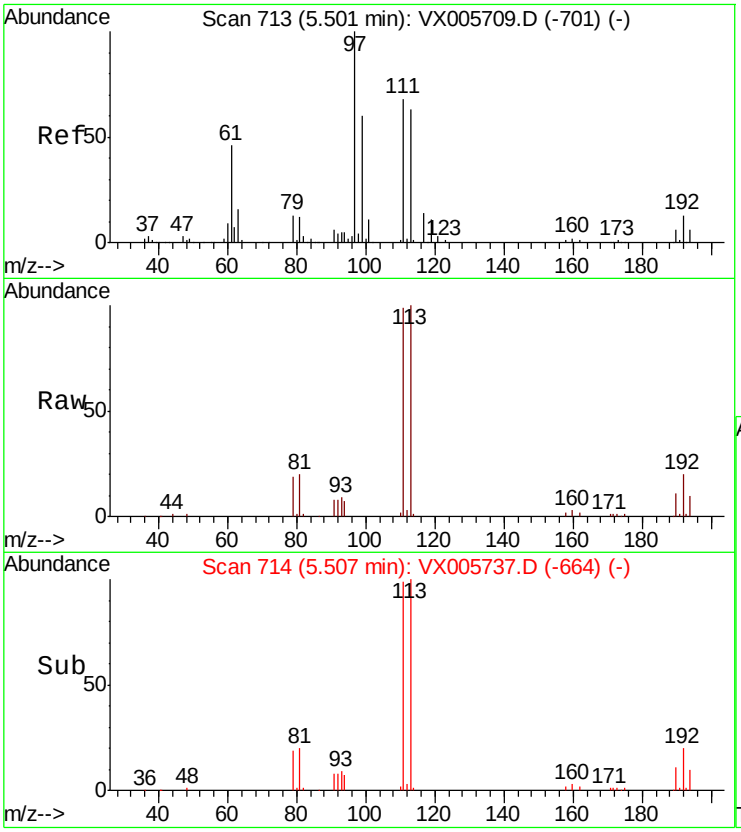


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005737.D
Acq: 01 Nov 2018 18:45

Tgt Ion:114 Resp: 205215

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	42.8
88	16.3	0.0	31.2



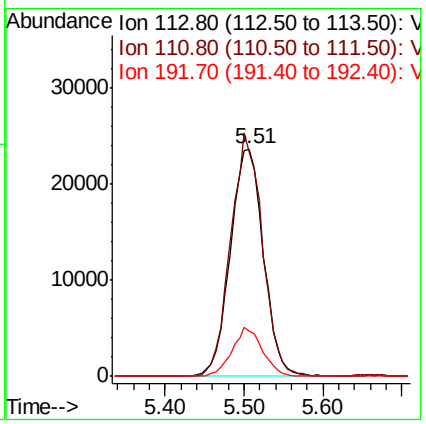


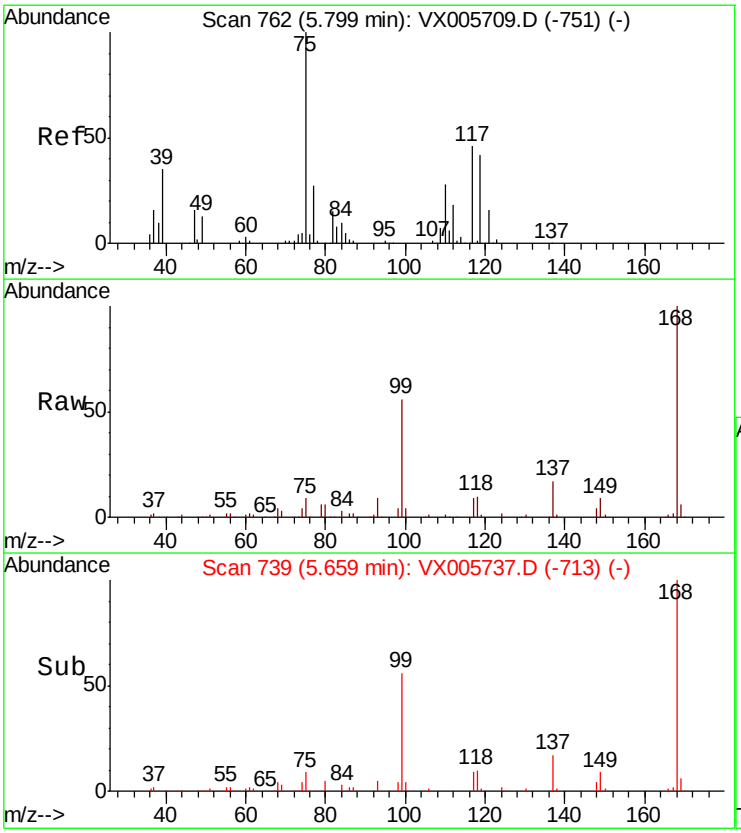
#35
Dibromofluoromethane
Concen: 48.676 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005737.D
Acq: 01 Nov 2018 18:45

Instrument :
MSVOA_X
ClientSampleId :
PB114370ZHE#03

Tgt Ion:113 Resp: 69165

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.3	123.5
192	19.6	17.9	26.9

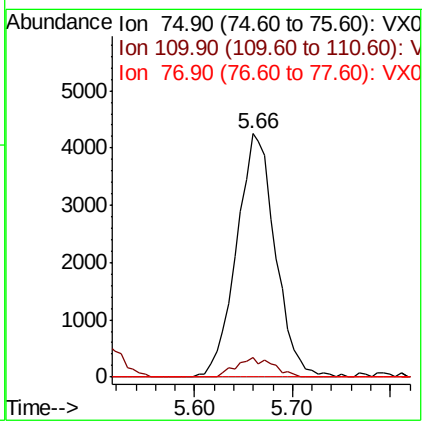


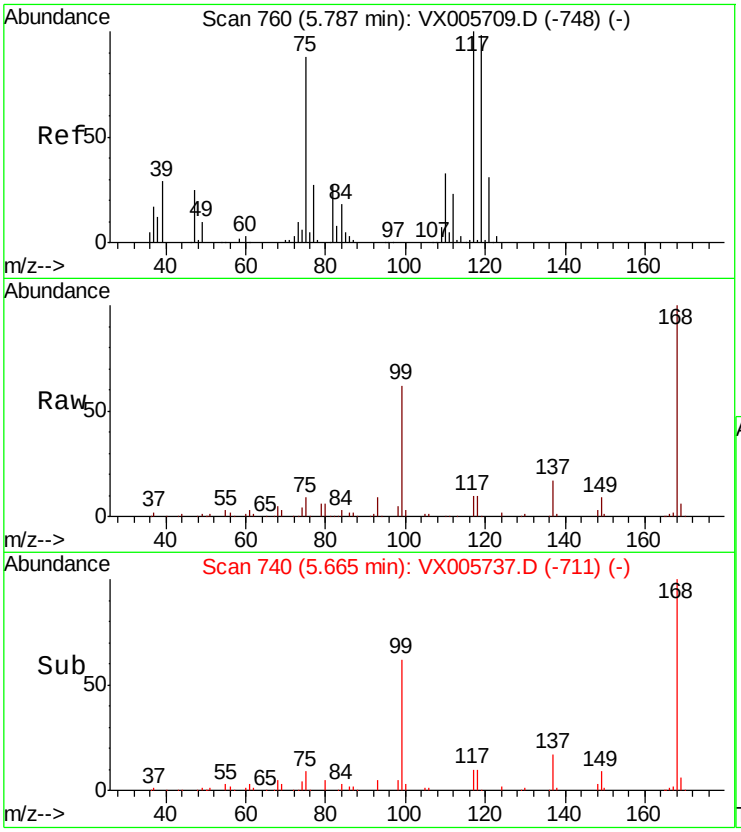


#36
1,1-Dichloropropene
Concen: 5.353 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX005737.D
Acq: 01 Nov 2018 18:45

Tgt Ion: 75 Resp: 11704

Ion	Ratio	Lower	Upper
75	100		
110	7.6	17.4	52.2#
77	0.0	25.8	38.6#



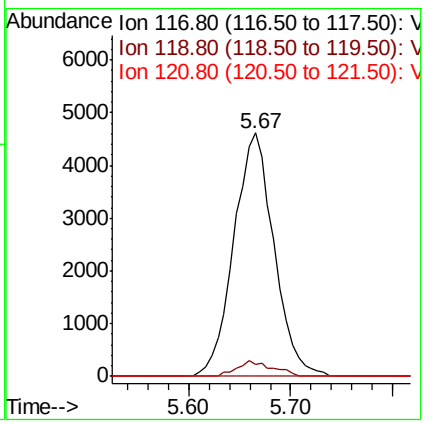


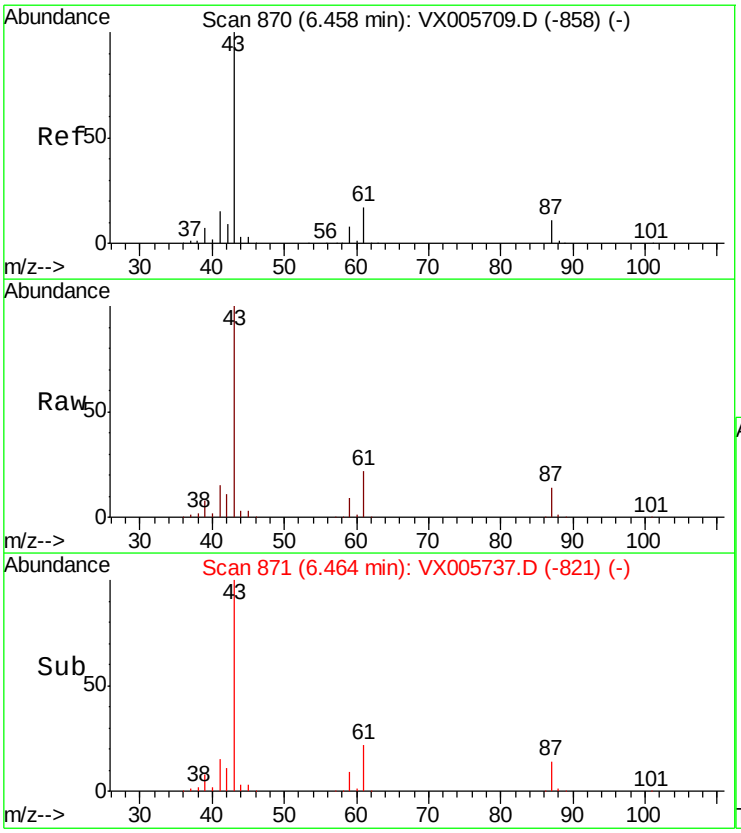
#38
Carbon Tetrachloride
Concen: 6.381 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005737.D
Acq: 01 Nov 2018 18:45

Instrument :
MSVOA_X
ClientSampleId :
PB114370ZHE#03

Tgt Ion:117 Resp: 12604

Ion	Ratio	Lower	Upper
117	100		
119	5.1	78.1	117.1#
121	0.0	24.6	36.8#

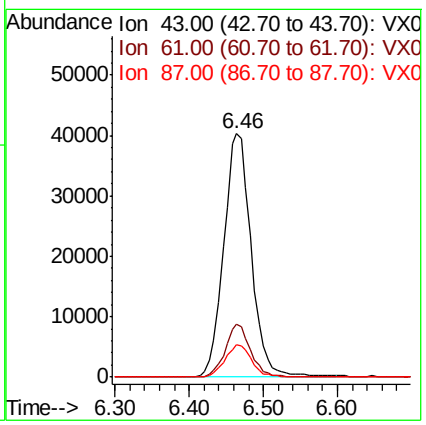


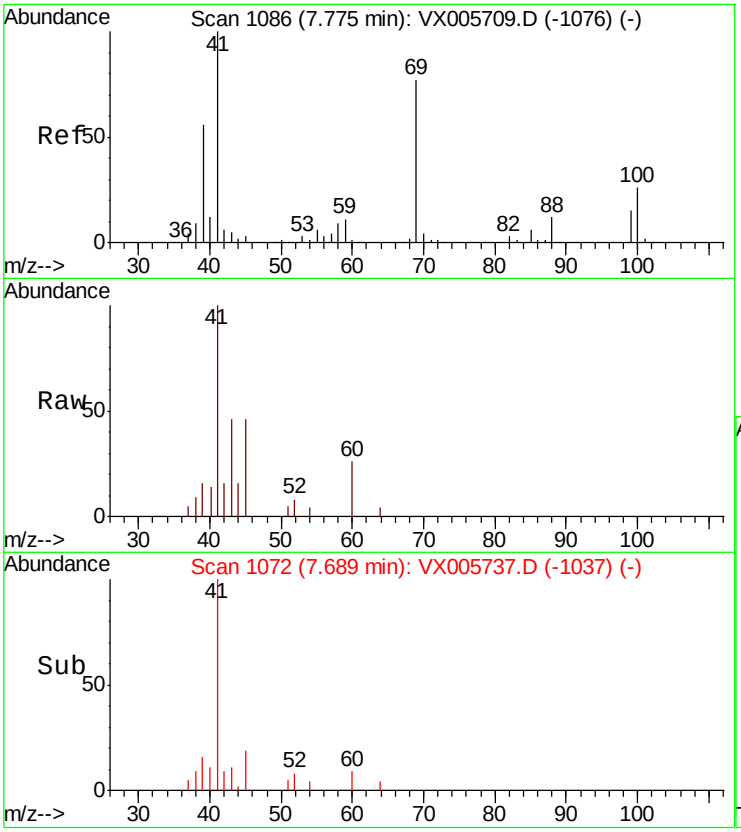


#43
Isopropyl Acetate
Concen: 25.761 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX005737.D
Acq: 01 Nov 2018 18:45

Tgt Ion: 43 Resp: 104296

Ion	Ratio	Lower	Upper
43	100		
61	20.0	14.6	22.0
87	12.8	9.6	14.4



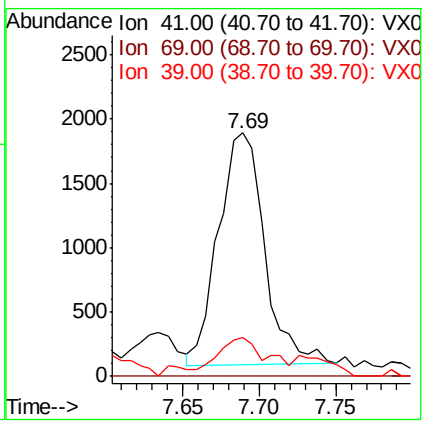


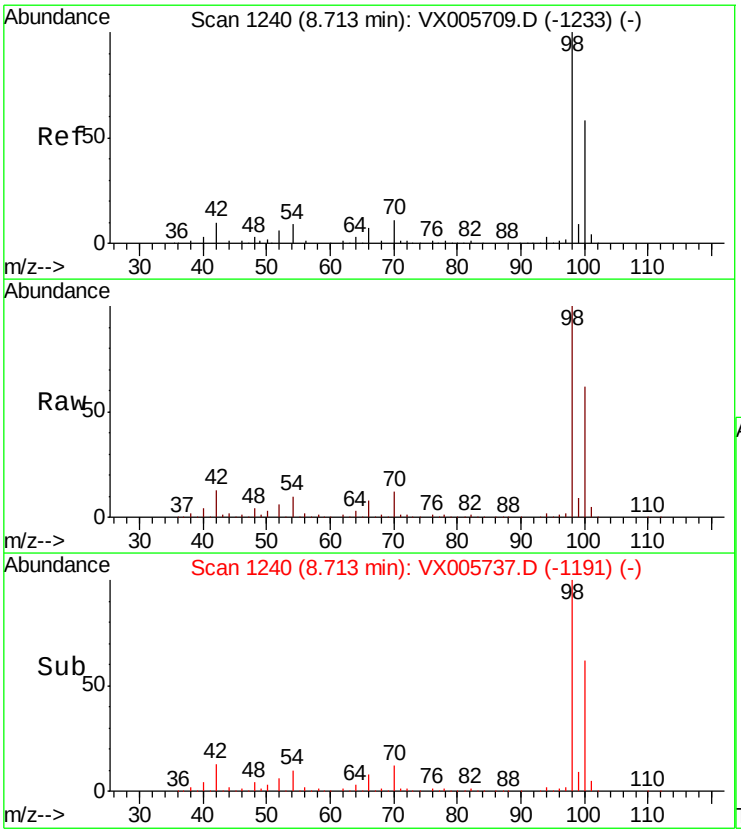
#48
Methyl methacrylate
Concen: 1.921 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.09 min
Lab File: VX005737.D
Acq: 01 Nov 2018 18:45

Instrument : MSVOA_X
ClientSampleId : PB114370ZHE#03

Tgt Ion: 41 Resp: 3765

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.2	94.8#
39	17.6	42.2	63.2#

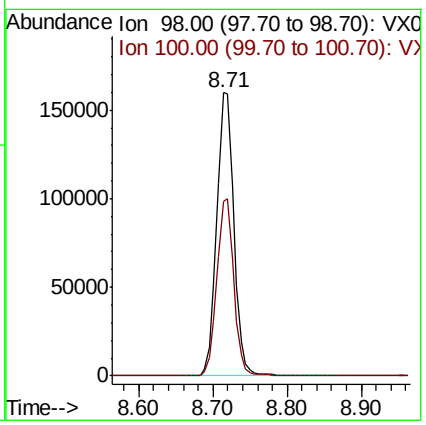


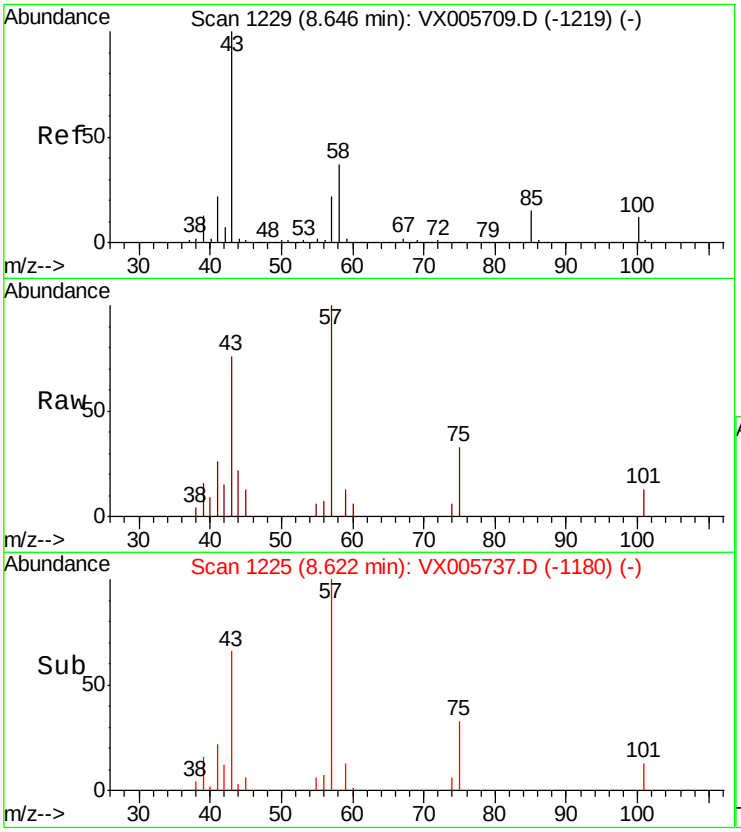


#50
Toluene-d8
Concen: 50.963 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005737.D
Acq: 01 Nov 2018 18:45

Tgt Ion: 98 Resp: 253981

Ion	Ratio	Lower	Upper
98	100		
100	61.9	51.3	76.9



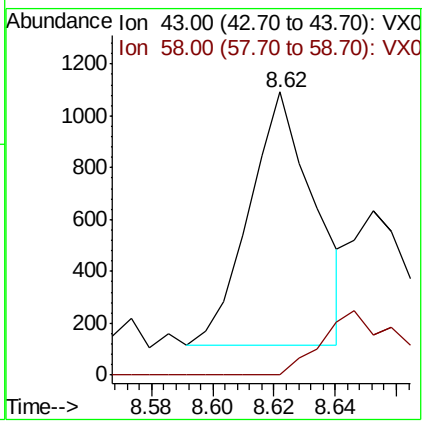


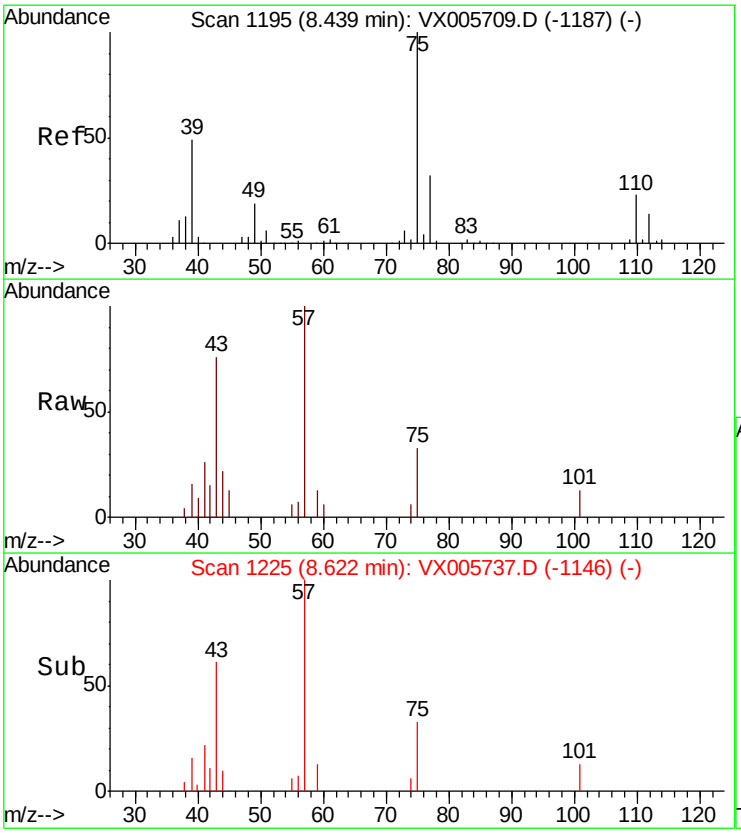
#51
4-Methyl-2-Pentanone
Concen: 0.525 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VX005737.D
Acq: 01 Nov 2018 18:45

Instrument :
MSVOA_X
ClientSampleId :
PB114370ZHE#03

Tgt Ion: 43 Resp: 1448

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.7	44.5#

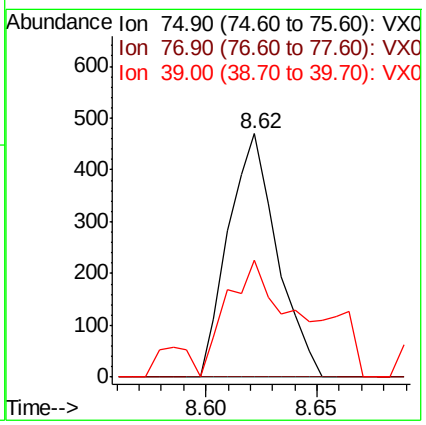


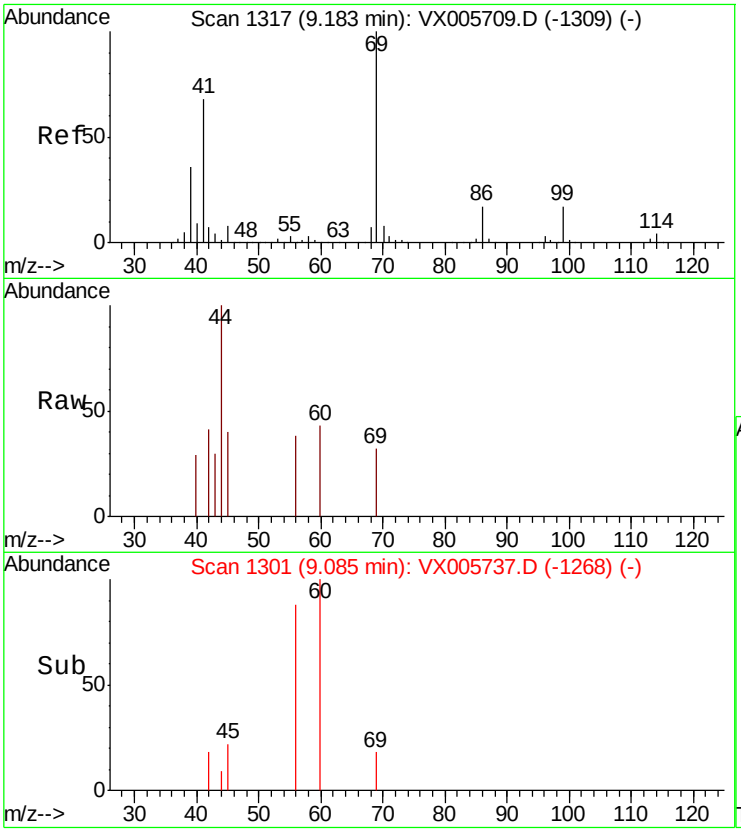


#54
cis-1,3-Dichloropropene
Concen: 0.309 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.18 min
Lab File: VX005737.D
Acq: 01 Nov 2018 18:45

Tgt Ion: 75 Resp: 716

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.2	37.8#
39	36.6	38.2	57.2#



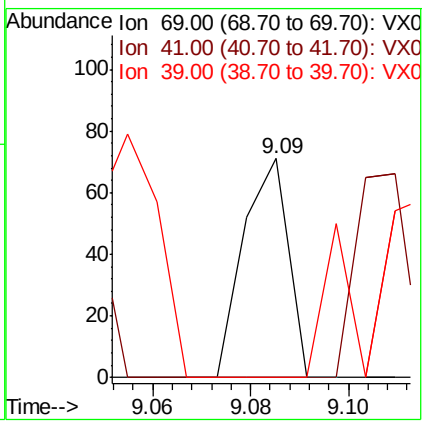


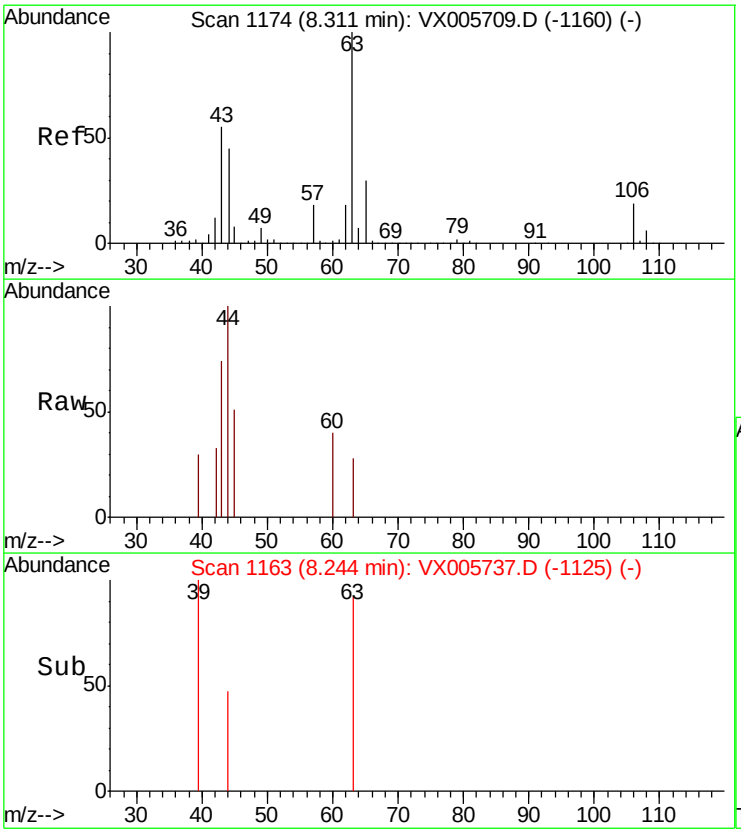
#56
Ethyl methacrylate
Concen: 2.487 ug/l
RT: 9.09 min Scan# 1301
Delta R.T. -0.10 min
Lab File: VX005737.D
Acq: 01 Nov 2018 18:45

Instrument :
MSVOA_X
ClientSampleId :
PB114370ZHE#03

Tgt Ion: 69 Resp: 45

Ion	Ratio	Lower	Upper
69	100		
41	0.0	57.0	85.6#
39	0.0	28.3	42.5#

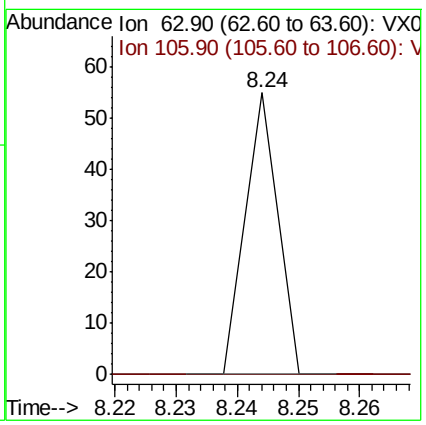


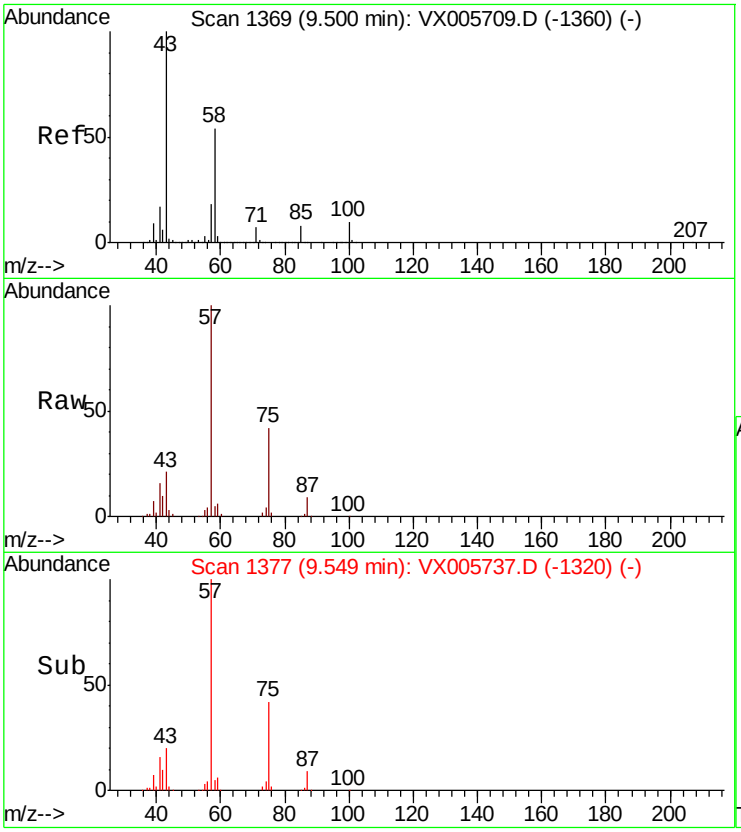


#58
2-Chloroethyl Vinyl ether
Concen: 10.351 ug/l
RT: 8.24 min Scan# 1163
Delta R.T. -0.07 min
Lab File: VX005737.D
Acq: 01 Nov 2018 18:45

Tgt Ion: 63 Resp: 20

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.3	31.9#



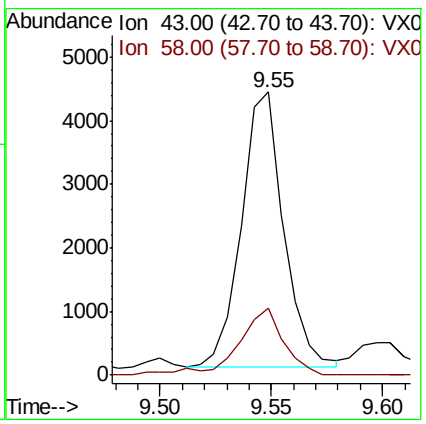


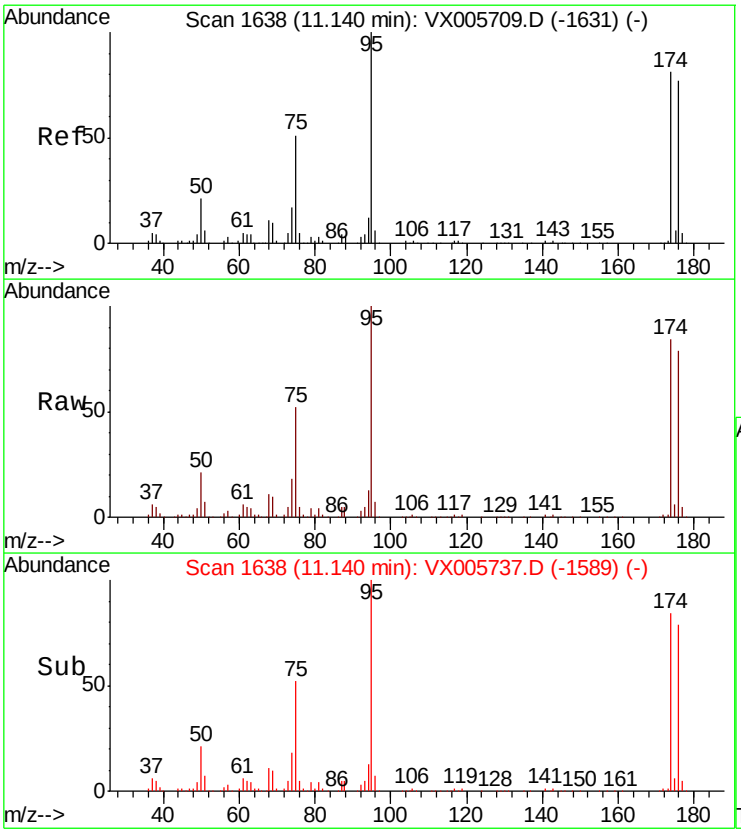
#59
2-Hexanone
Concen: 2.540 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX005737.D
Acq: 01 Nov 2018 18:45

Instrument :
MSVOA_X
ClientSampleId :
PB114370ZHE#03

Tgt Ion: 43 Resp: 5706

Ion	Ratio	Lower	Upper
43	100		
58	26.2	25.9	77.8

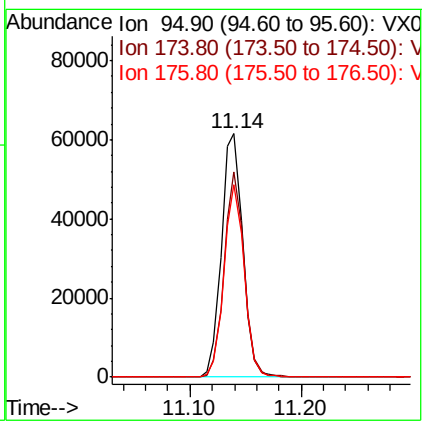


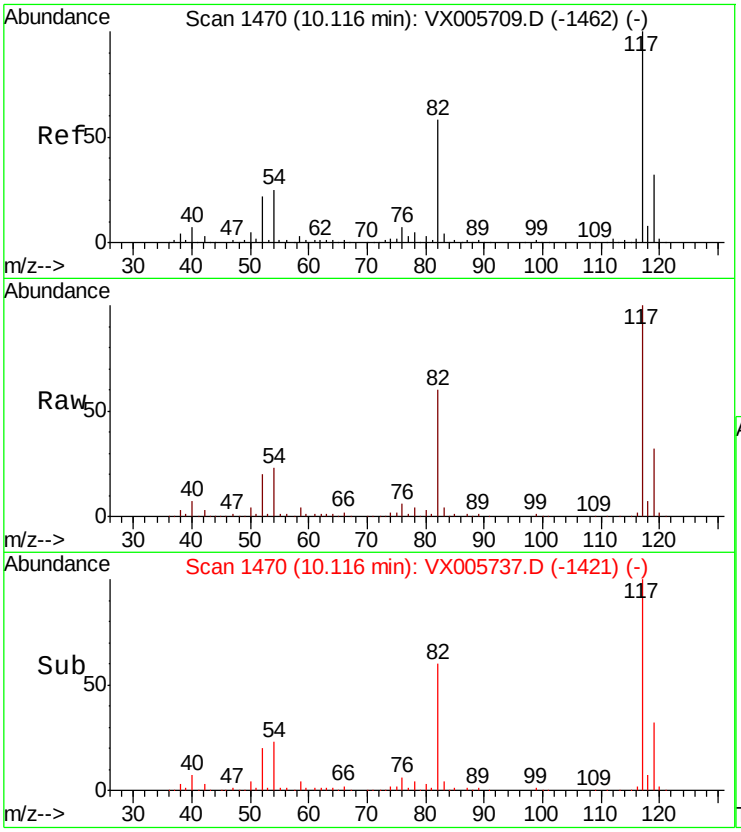


#62
4-Bromofluorobenzene
Concen: 44.375 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005737.D
Acq: 01 Nov 2018 18:45

Tgt Ion: 95 Resp: 81619

Ion	Ratio	Lower	Upper
95	100		
174	78.6	0.0	184.4
176	75.2	0.0	177.4



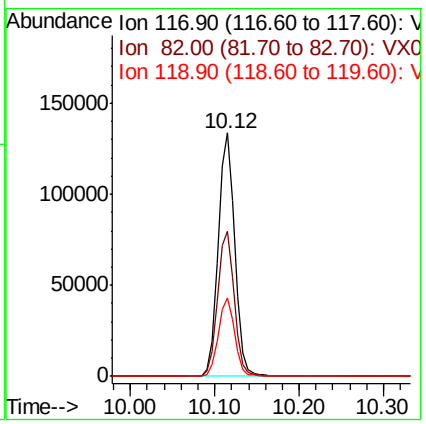


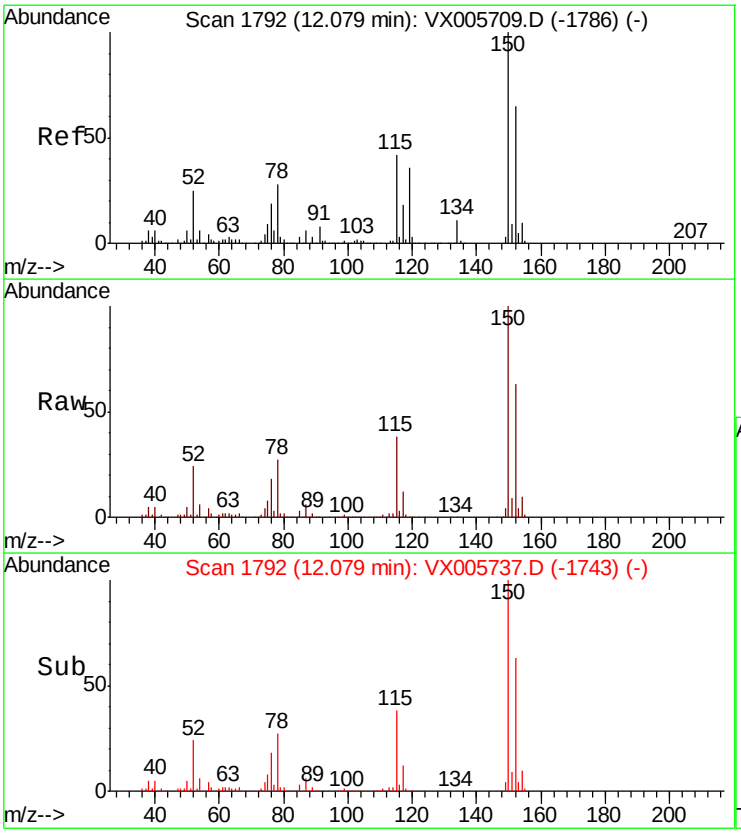
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005737.D
Acq: 01 Nov 2018 18:45

Instrument : MSVOA_X
ClientSampleId : PB114370ZHE#03

Tgt Ion:117 Resp: 181871

Ion	Ratio	Lower	Upper
117	100		
82	59.8	44.1	66.1
119	32.2	26.2	39.2

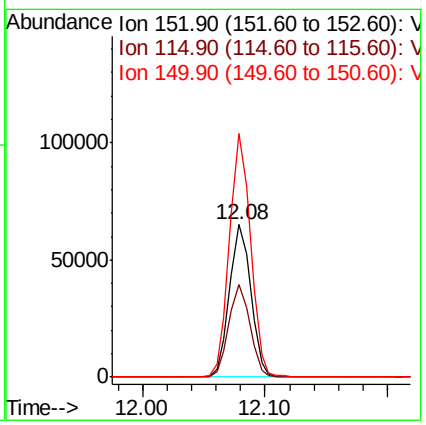


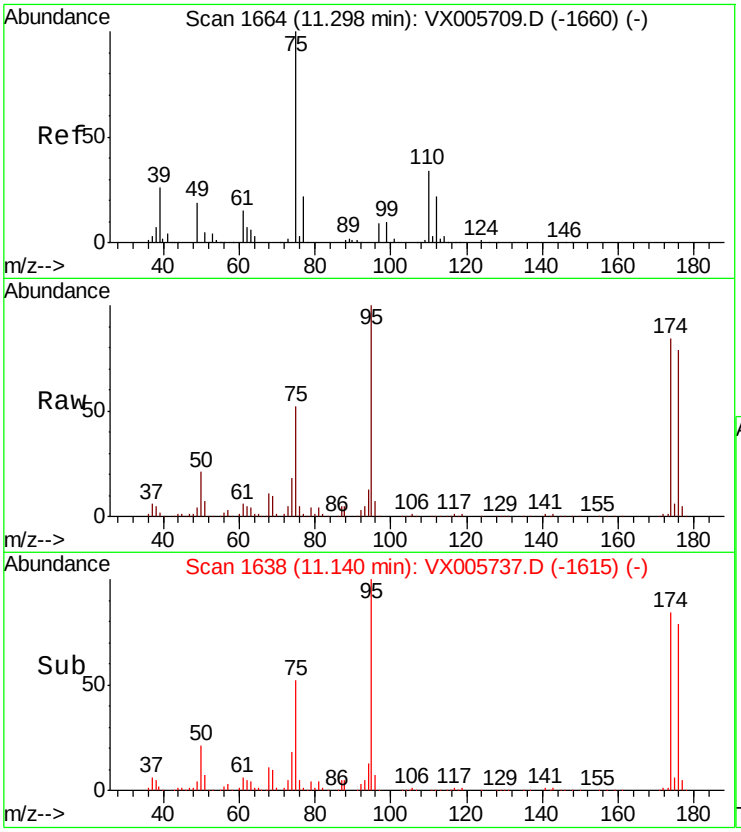


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005737.D
Acq: 01 Nov 2018 18:45

Tgt Ion:152 Resp: 78159

Ion	Ratio	Lower	Upper
152	100		
115	60.2	39.4	118.1
150	158.1	0.0	346.4



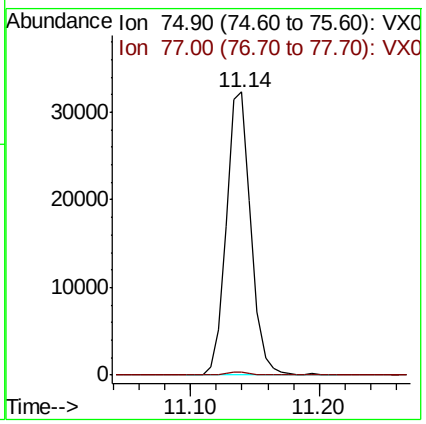


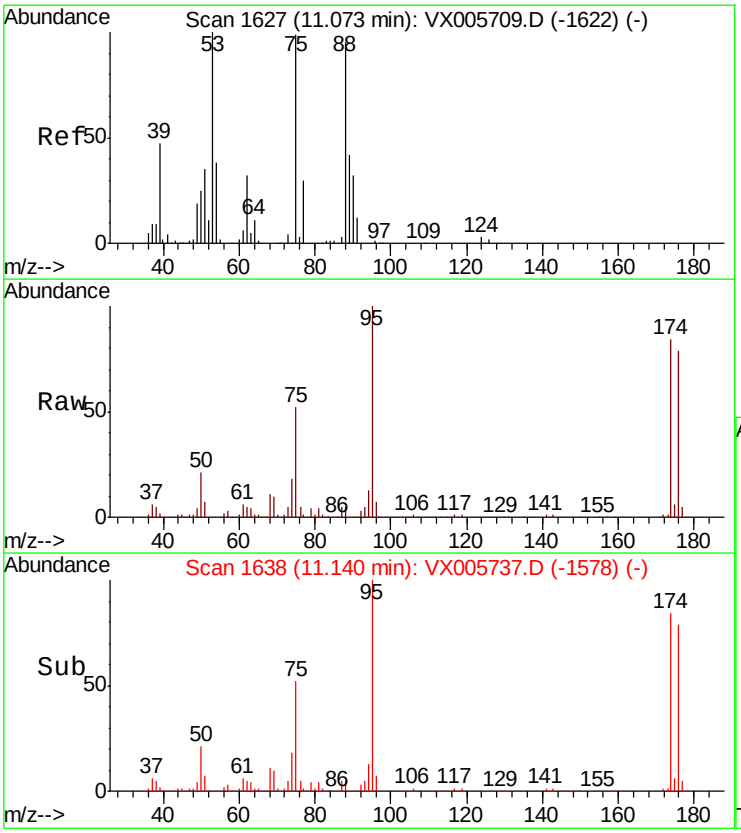
#76
1,2,3-Trichloropropane
Concen: 22.124 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005737.D
Acq: 01 Nov 2018 18:45

Instrument :
MSVOA_X
ClientSampleId :
PB114370ZHE#03

Tgt Ion: 75 Resp: 43068

Ion	Ratio	Lower	Upper
75	100		
77	1.1	20.5	61.6#

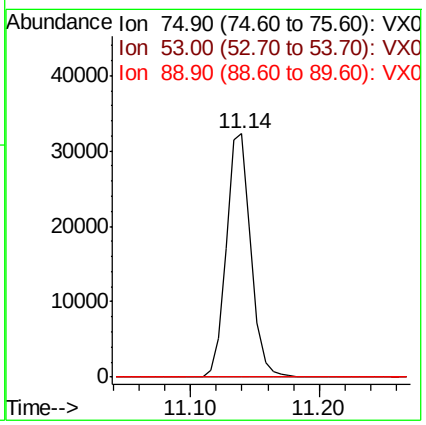


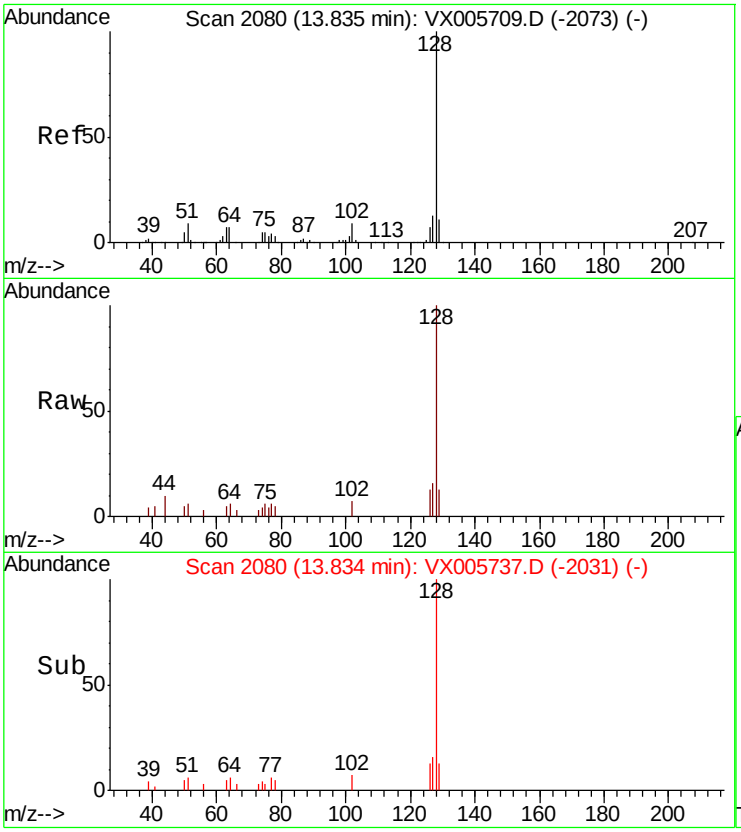


#81
trans-1,4-Dichloro-2-butene
Concen: 71.482 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005737.D
Acq: 01 Nov 2018 18:45

Tgt Ion: 75 Resp: 43068

Ion	Ratio	Lower	Upper
75	100		
53	0.3	80.2	120.2#
89	0.0	39.8	59.8#





#95
Naphthalene
Concen: 0.364 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005737.D
Acq: 01 Nov 2018 18:45

Instrument :
MSVOA_X
ClientSampleId :
PB114370ZHE#03

Tgt Ion:128 Resp: 1985

Ion	Ratio	Lower	Upper
128	100		
127	16.4	10.4	15.6#
129	12.9	8.7	13.1