Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110118\
Data File : VX005734.D
Acq On : 01 Nov 2018 17:24
Operator : JC/MD
Sample : PB114370TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Nov 01 18:25:57 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	130468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	203994	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	185994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	83193	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	96574	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.26%			
35) Dibromofluoromethane	5.51	113	72277	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.34%			
50) Toluene-d8	8.72	98	260750	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.26%			
62) 4-Bromofluorobenzene	11.14	95	85959	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.02%			
Target Compounds						Qvalue
6) Chloroethane	1.69	64	601	Below Cal	#	42
10) Methyl Iodide	2.51	142	44	1.970	ug/l #	77
11) Tert butyl alcohol	3.02	59	1220	2.355	ug/l #	72
13) Acrolein	2.32	56	83	12.396	ug/l #	14
16) Acetone	2.45	43	12448	3.504	ug/l	95
18) Methyl Acetate	2.78	43	5446	1.989	ug/l	93
20) Methylene Chloride	2.86	84	2816	1.712	ug/l	89
25) 2-Butanone	4.71	43	2038	1.267	ug/l	91
29) Tetrahydrofuran	5.18	42	807	0.822	ug/l #	84
31) Cyclohexane	5.67	56	3070	1.205	ug/l #	6
36) 1,1-Dichloropropene	5.67	75	11428	5.258	ug/l #	48
38) Carbon Tetrachloride	5.67	117	13349	6.798	ug/l #	16
41) Methacrylonitrile	5.15	41	475	0.317	ug/l #	50
43) Isopropyl Acetate	6.46	43	106776	26.532	ug/l	98
48) Methyl methacrylate	7.68	41	3867	1.985	ug/l #	25
51) 4-Methyl-2-Pentanone	8.62	43	1648	0.601	ug/l #	49
54) cis-1,3-Dichloropropene	8.62	75	716	0.310	ug/l #	68
56) Ethyl methacrylate	9.38	69	46	2.488	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.15	63	20	10.351	ug/l #	48
59) 2-Hexanone	9.55	43	5976	2.676	ug/l #	60
76) 1,2,3-Trichloropropane	11.14	75	45749	22.079	ug/l #	36
80) 1,3,5-Trimethylbenzene	11.51	105	1130	0.242	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.14	75	45749	71.337	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	13.15	75	7301	13.670	ug/l #	1
95) Naphthalene	13.83	128	34203	5.896	ug/l	98

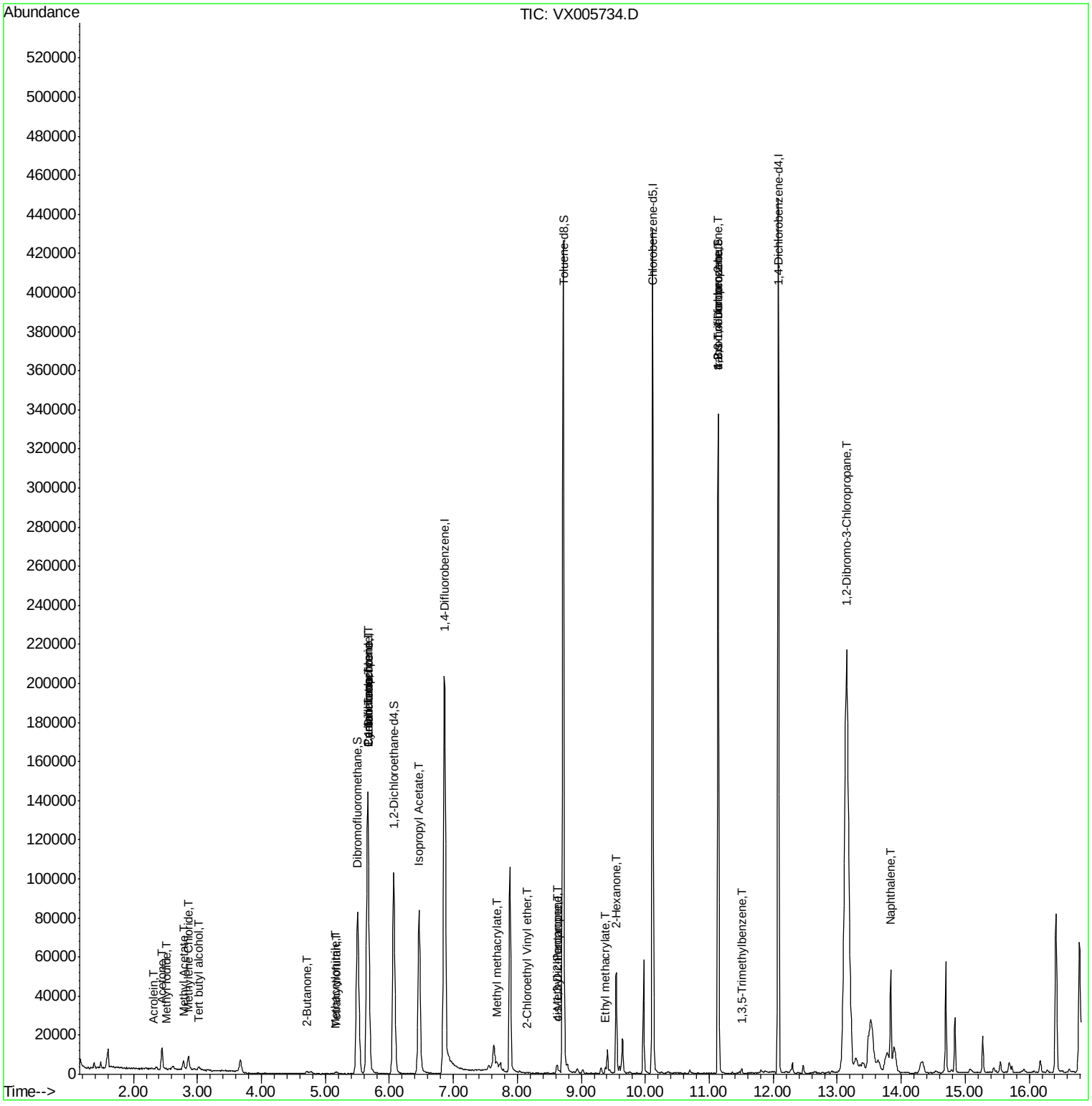
(#) = qualifier out of range (m) = manual integration (+) = signals summed

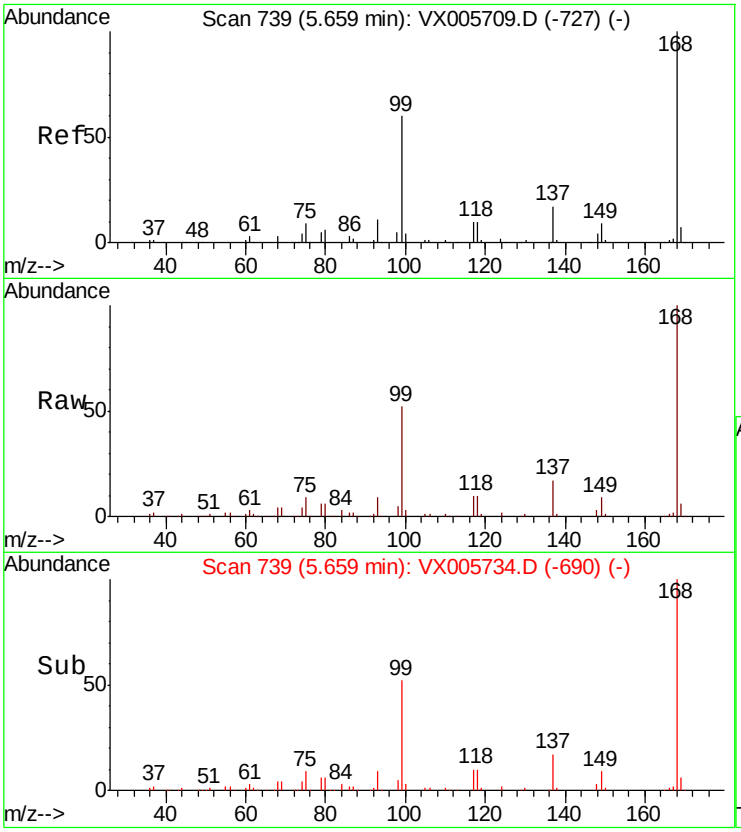
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110118\
Data File : VX005734.D
Acq On : 01 Nov 2018 17:24
Operator : JC/MD
Sample : PB114370TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 01 18:25:57 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



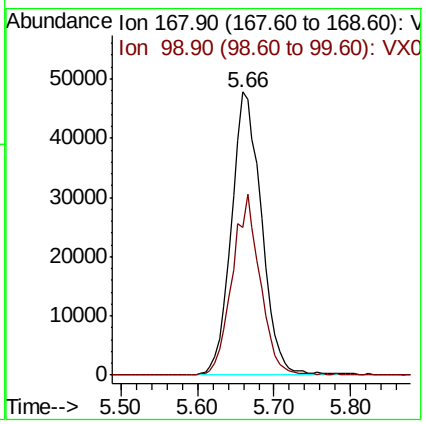


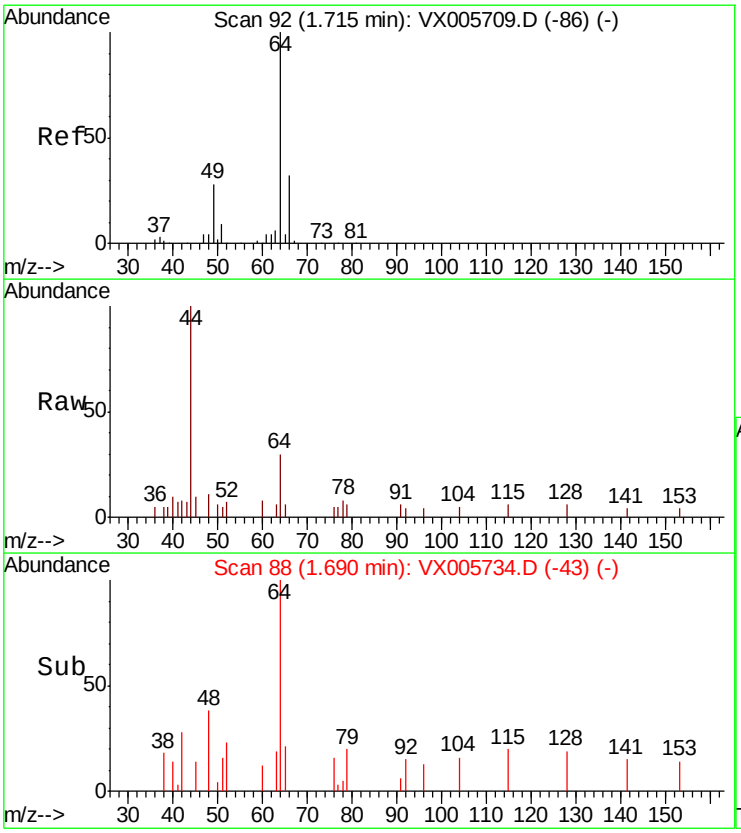
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 130468

Ion	Ratio	Lower	Upper
168	100		
99	52.1	40.7	61.1

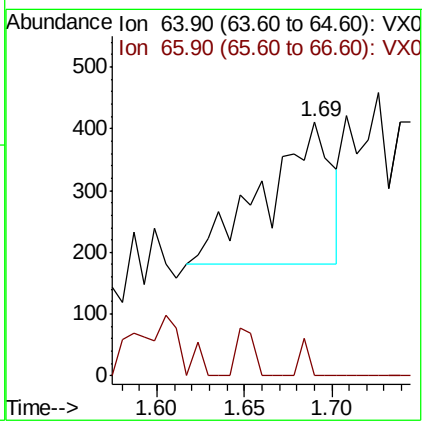


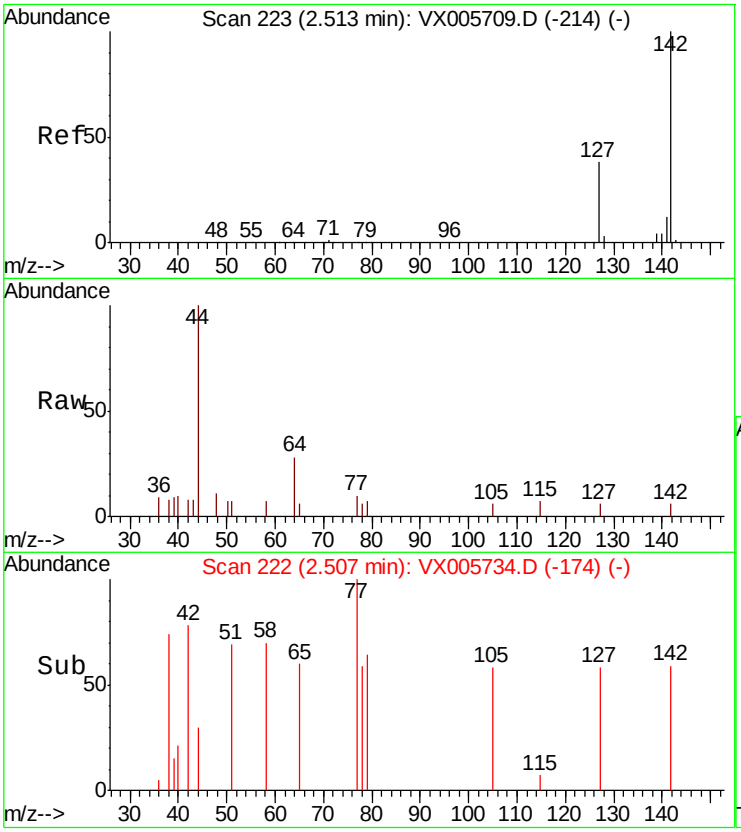


#6
Chloroethane
Concen: Below Cal
RT: 1.69 min Scan# 88
Delta R.T. -0.02 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Tgt Ion: 64 Resp: 601

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.8	38.6#



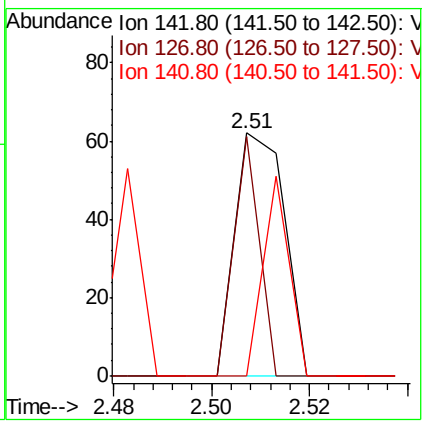


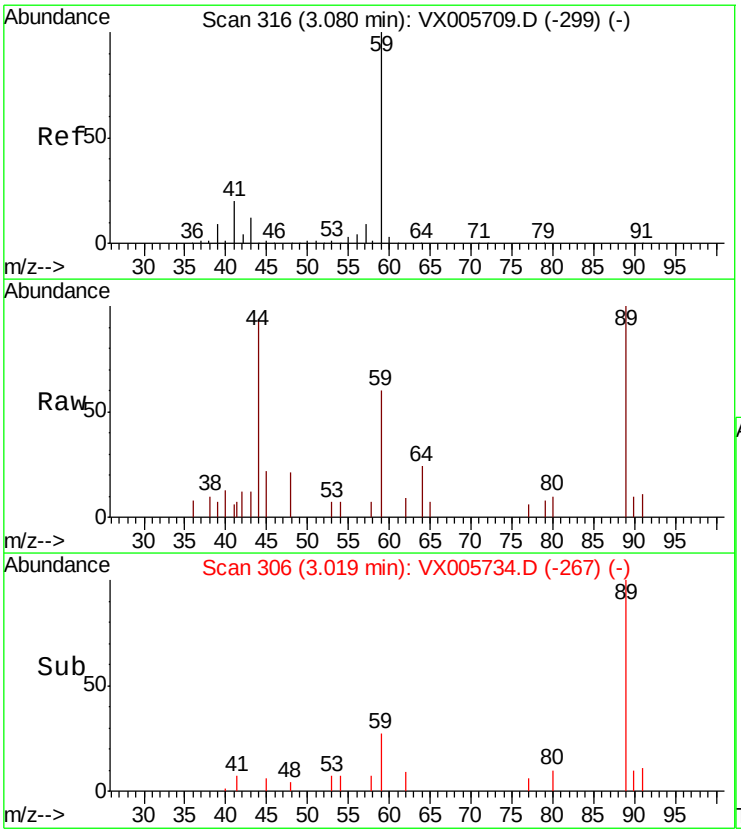
#10
Methyl Iodide
Concen: 1.970 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.01 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 44

Ion	Ratio	Lower	Upper
142	100		
127	50.0	36.0	54.0
141	43.2	11.7	17.5#

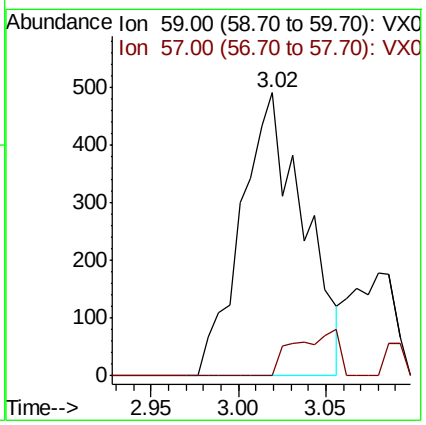


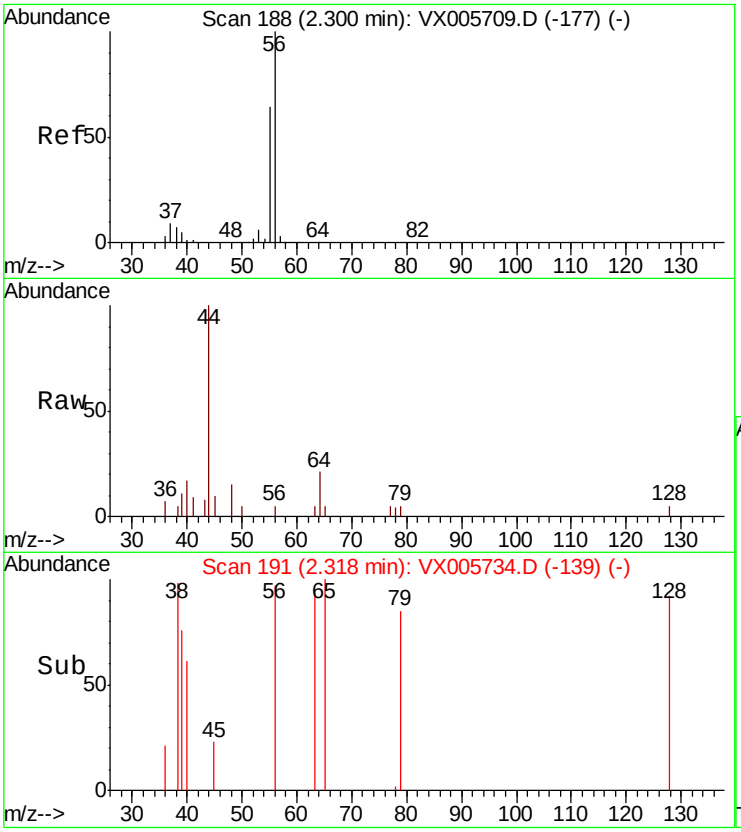


#11
Tert butyl alcohol
Concen: 2.355 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Tgt Ion: 59 Resp: 1220

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#



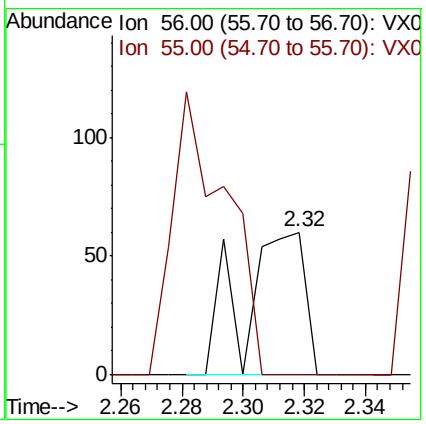


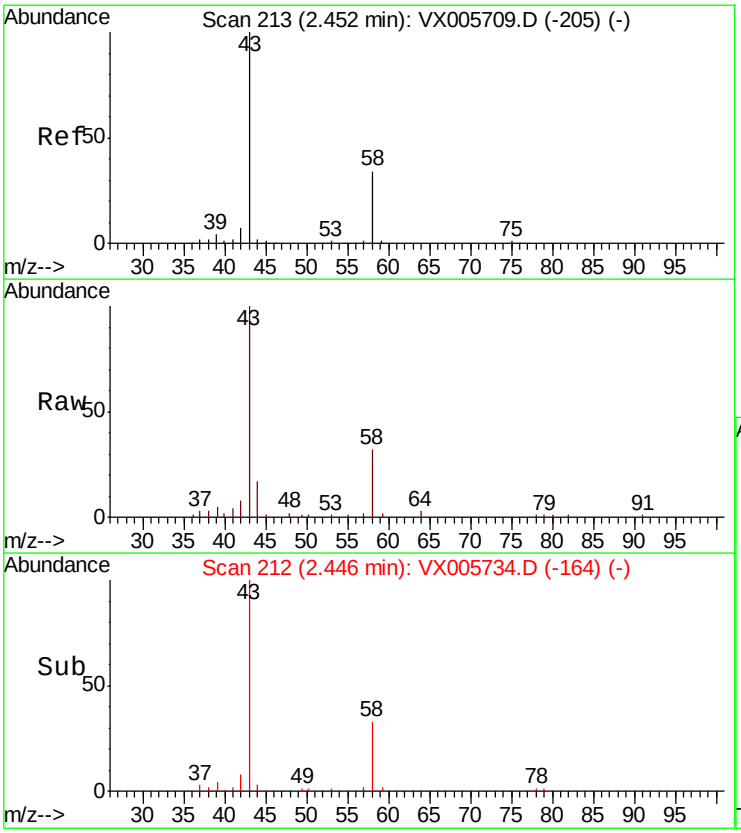
#13
Acrolein
Concen: 12.396 ug/l
RT: 2.32 min Scan# 191
Delta R.T. 0.02 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 83

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.3	85.9#

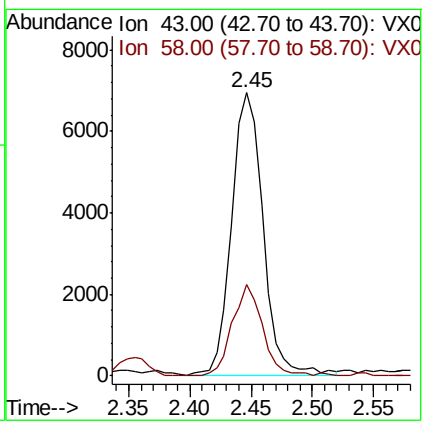


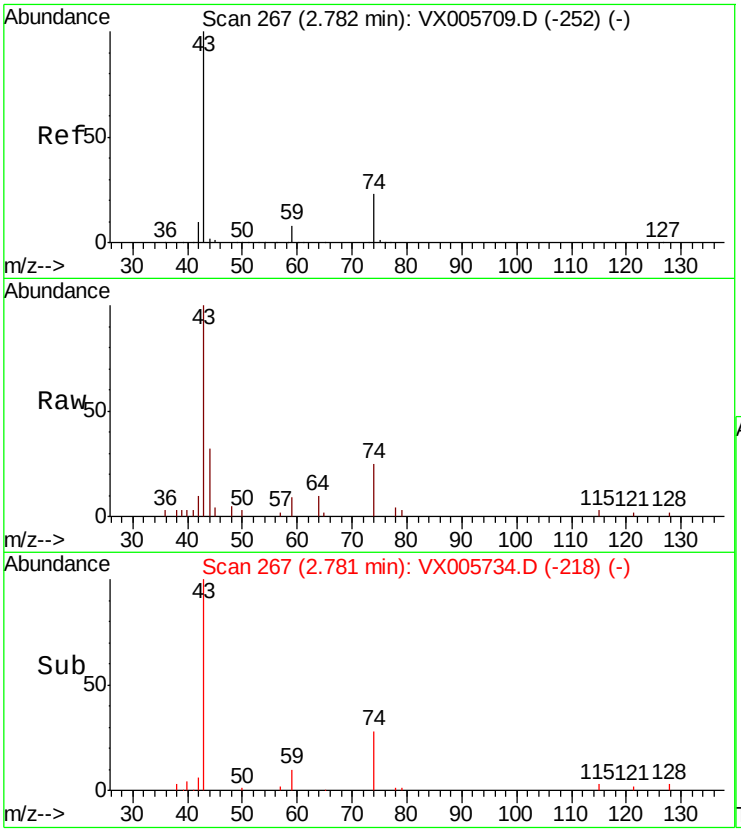


#16
Acetone
Concen: 3.504 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Tgt Ion: 43 Resp: 12448

Ion	Ratio	Lower	Upper
43	100		
58	32.2	23.8	35.6



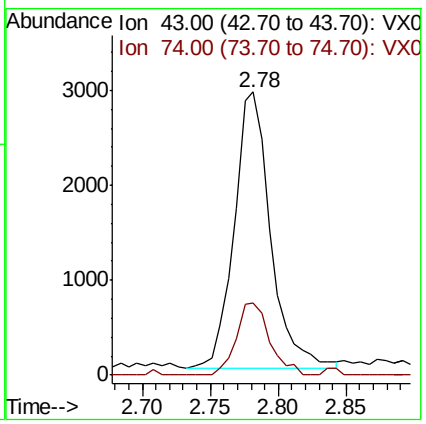


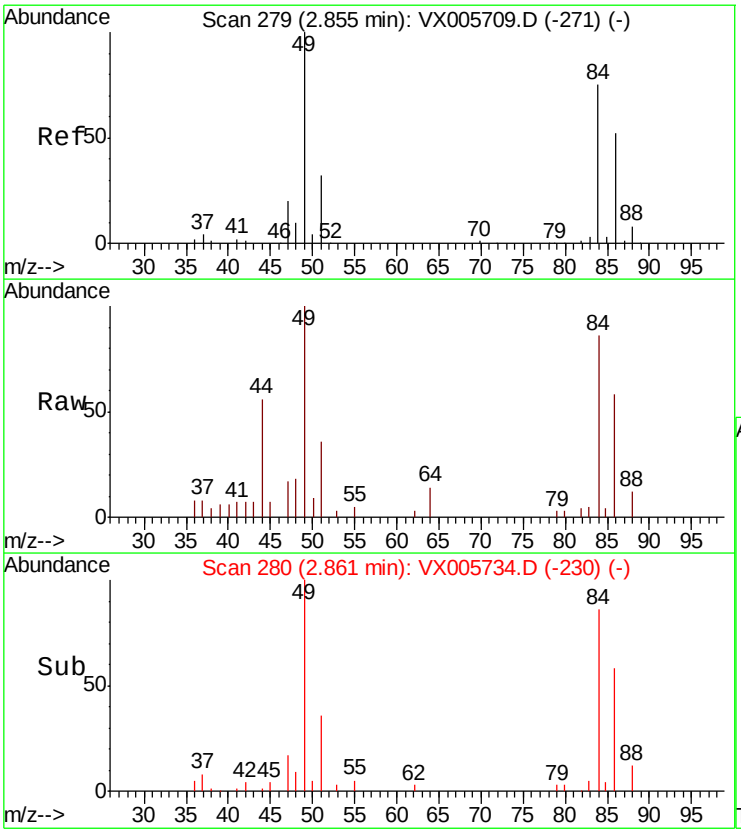
#18
Methyl Acetate
Concen: 1.989 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 5446

Ion	Ratio	Lower	Upper
43	100		
74	24.1	16.8	25.2

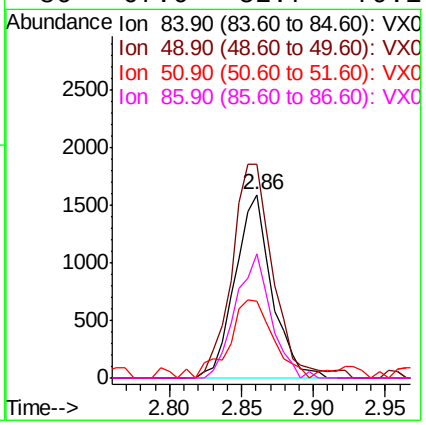


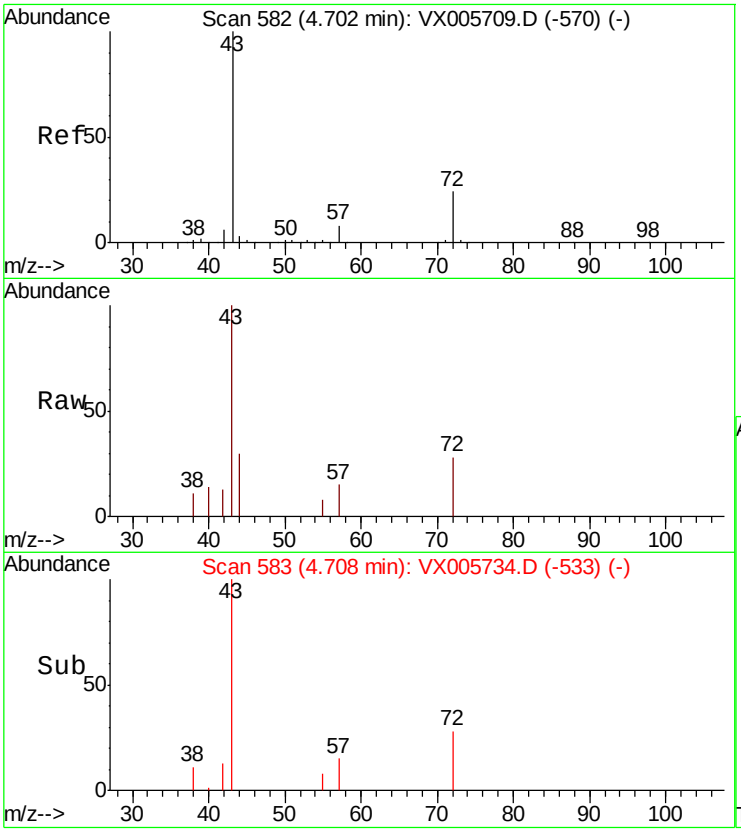


#20
Methylene Chloride
Concen: 1.712 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Tgt Ion: 84 Resp: 2816

Ion	Ratio	Lower	Upper
84	100		
49	116.1	109.5	164.3
51	38.3	33.3	49.9
86	67.6	52.7	79.1



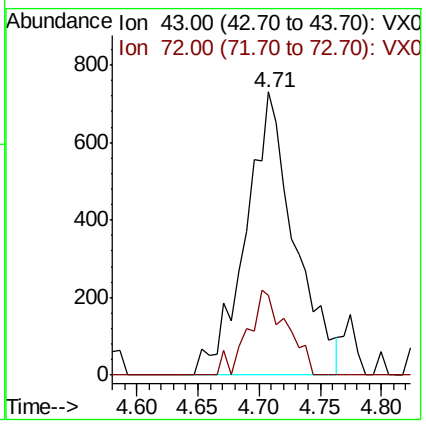


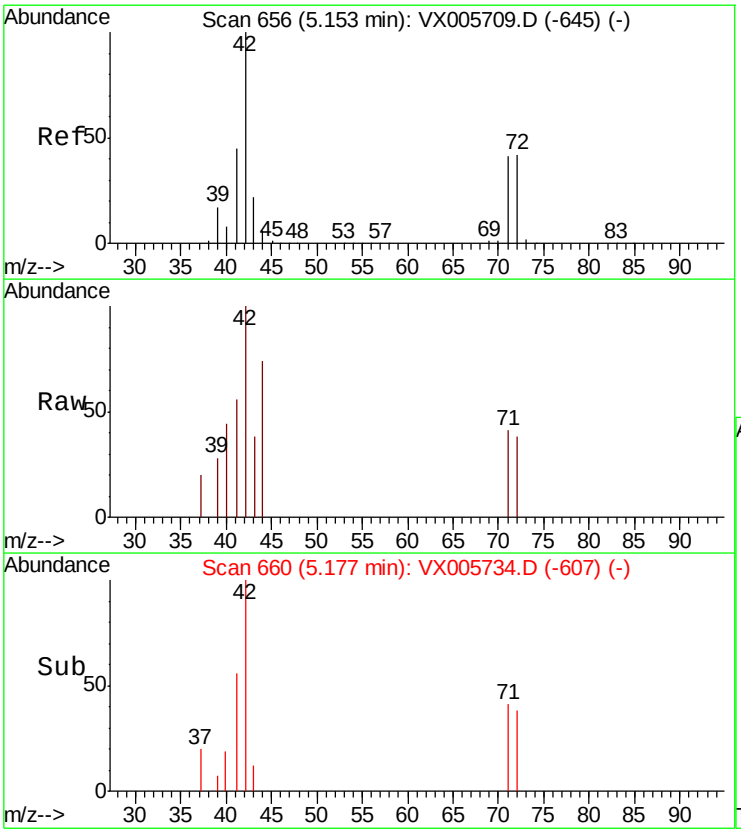
#25
2-Butanone
Concen: 1.267 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2038

Ion	Ratio	Lower	Upper
43	100		
72	28.4	19.2	28.8

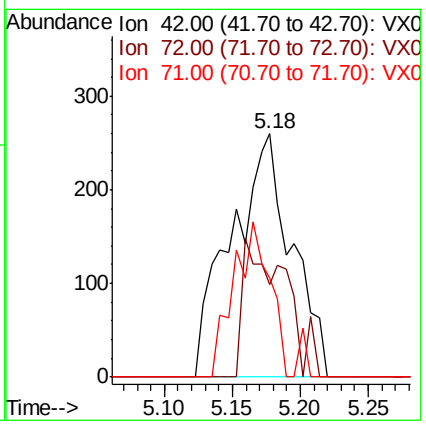


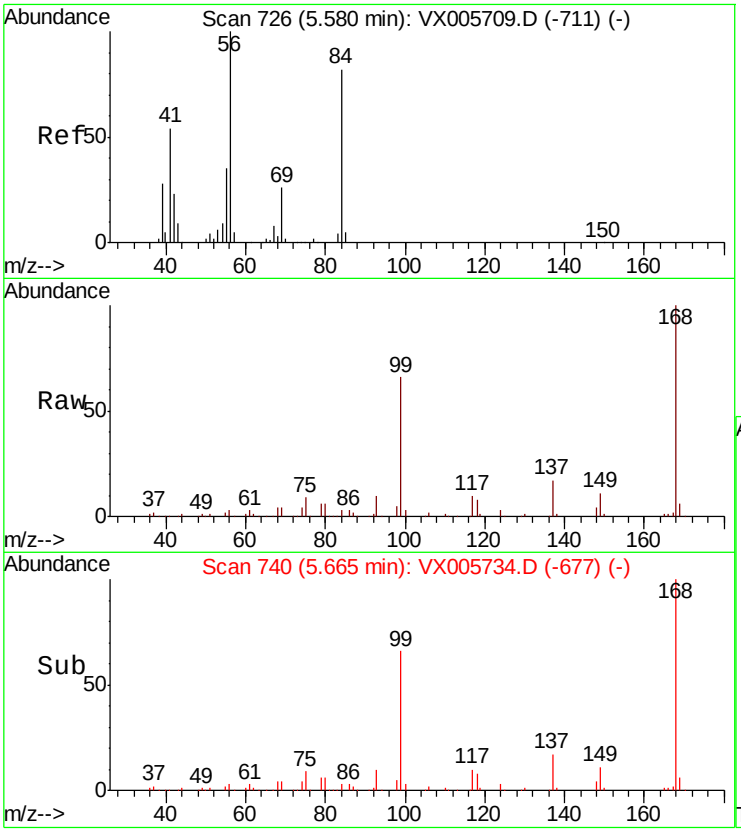


#29
Tetrahydrofuran
Concen: 0.822 ug/l
RT: 5.18 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Tgt Ion: 42 Resp: 807

Ion	Ratio	Lower	Upper
42	100		
72	22.2	32.0	48.0#
71	38.3	29.8	44.8



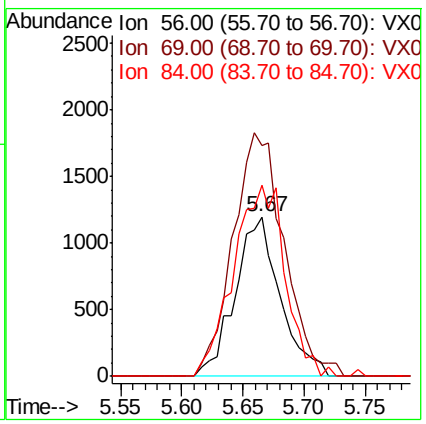


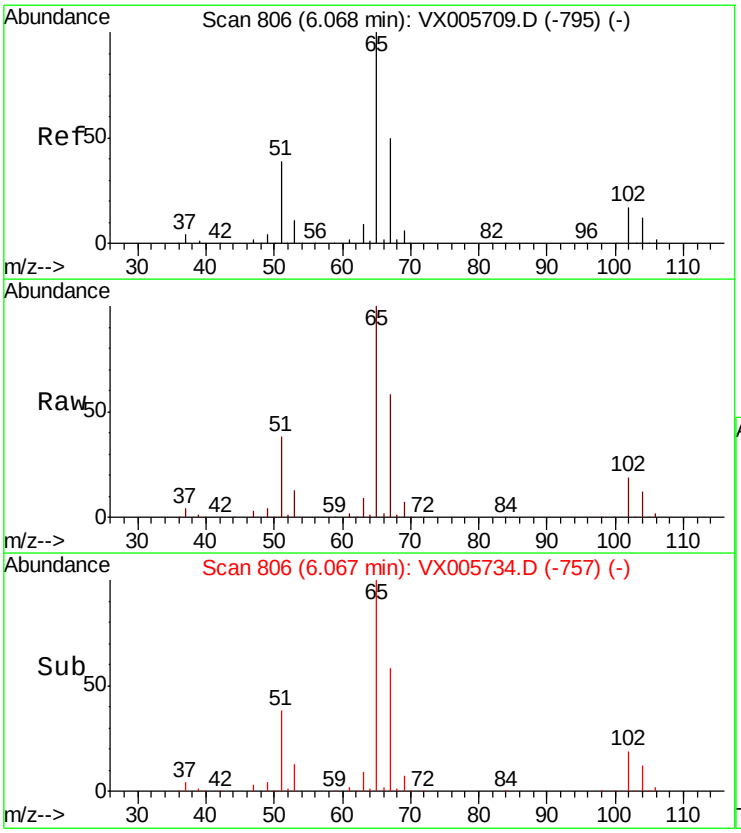
#31
Cyclohexane
Concen: 1.205 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 3070

Ion	Ratio	Lower	Upper
56	100		
69	145.4	22.6	34.0#
84	120.0	62.7	94.1#

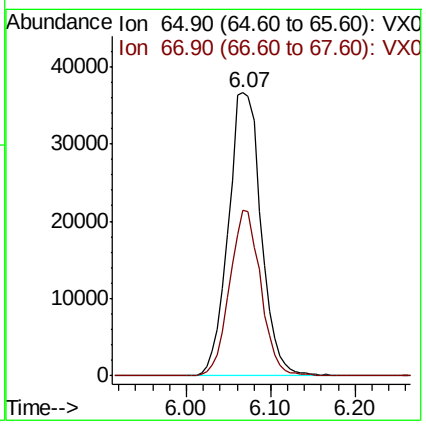


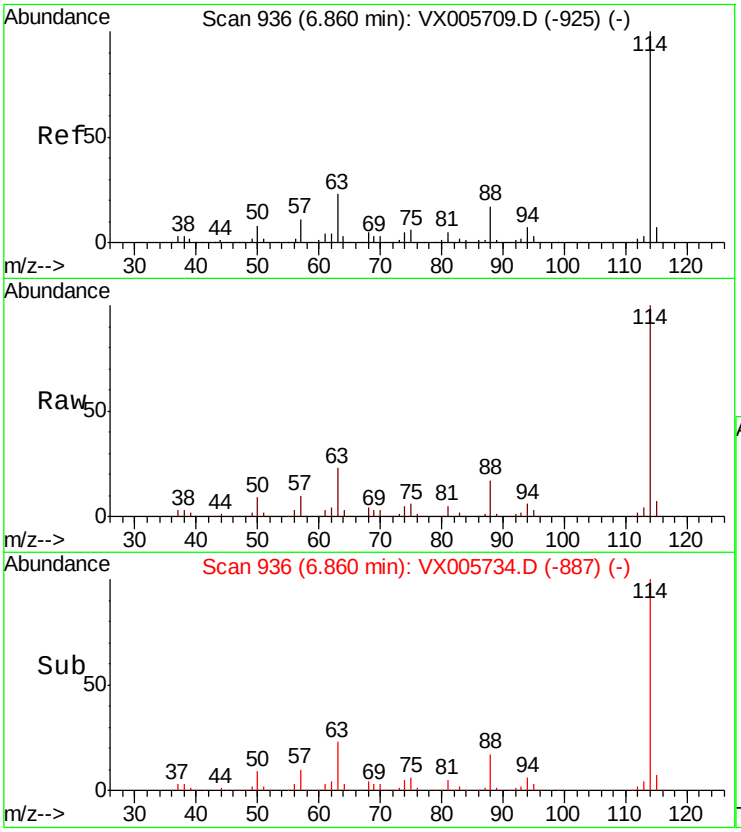


#33
1,2-Dichloroethane-d4
Concen: 50.629 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Tgt Ion: 65 Resp: 96574

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	105.0



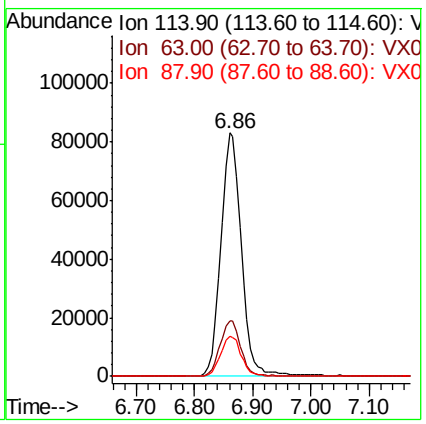


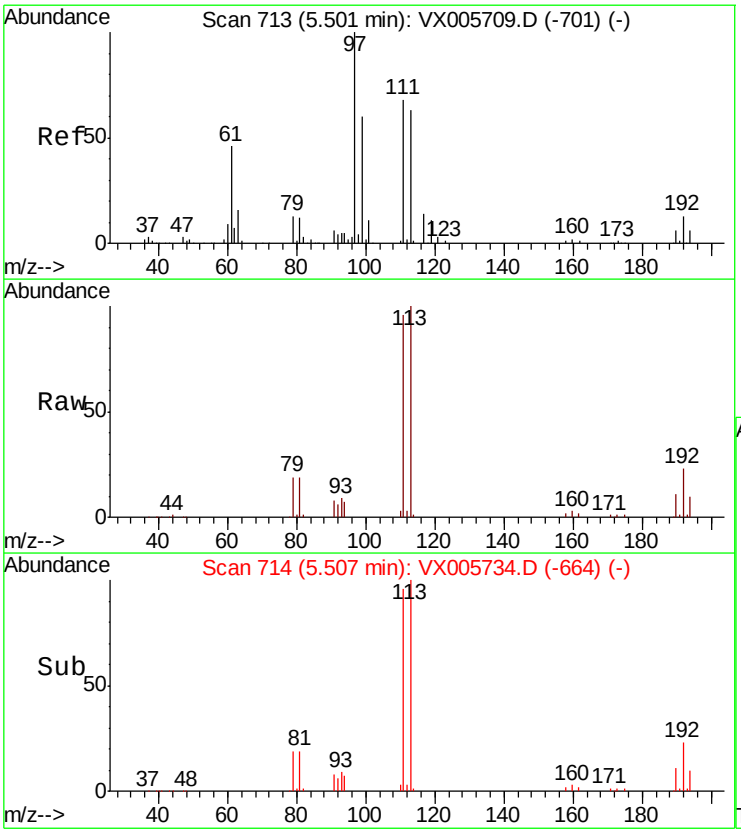
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 203994

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	42.8
88	16.6	0.0	31.2

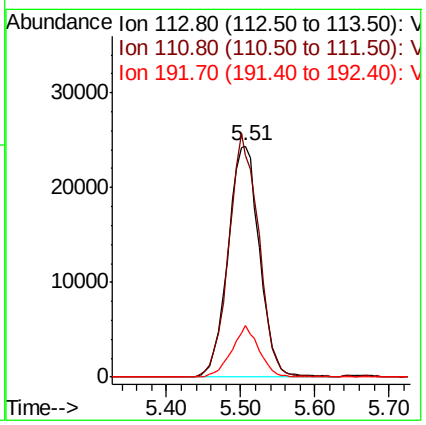


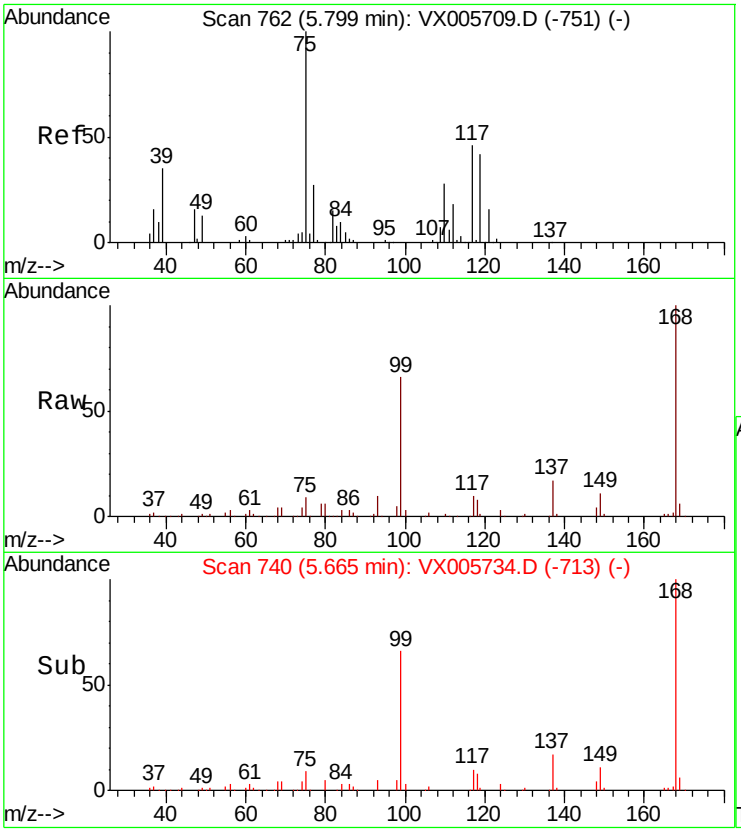


#35
Dibromofluoromethane
Concen: 51.171 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Tgt Ion:113 Resp: 72277

Ion	Ratio	Lower	Upper
113	100		
111	100.0	82.3	123.5
192	19.4	17.9	26.9



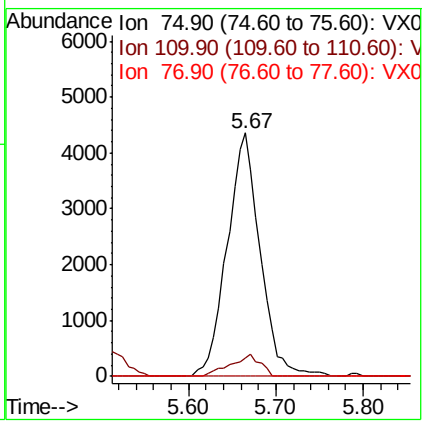


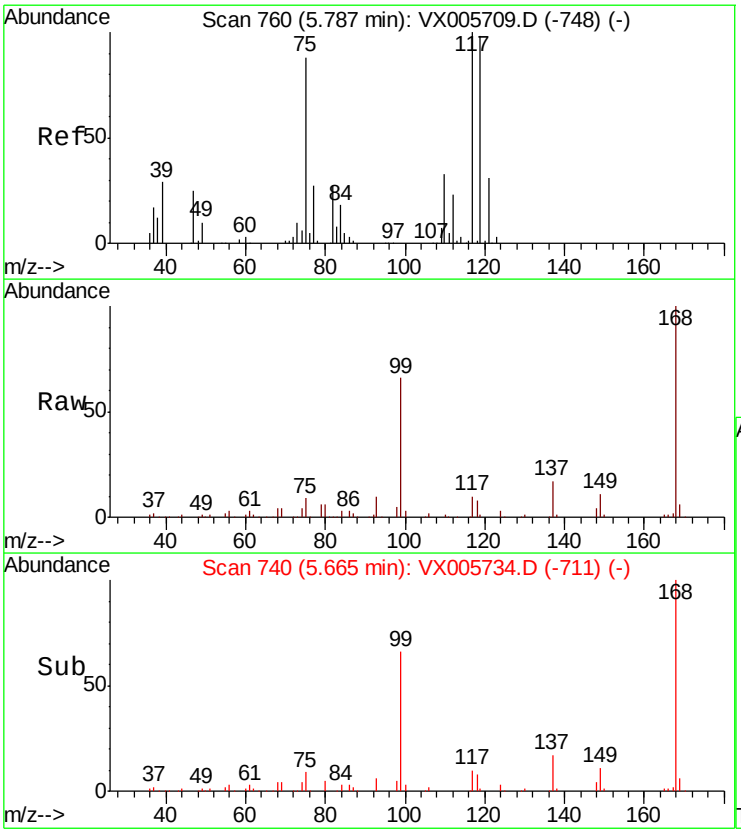
#36
1,1-Dichloropropene
Concen: 5.258 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 11428

Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.4	52.2#
77	0.0	25.8	38.6#

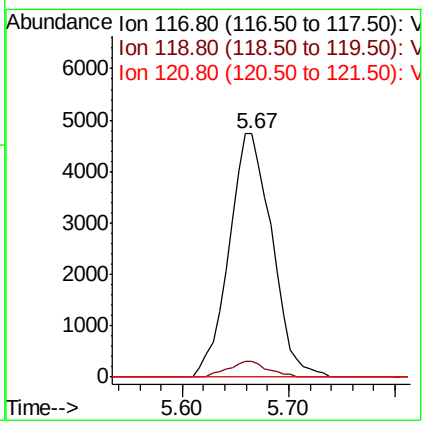


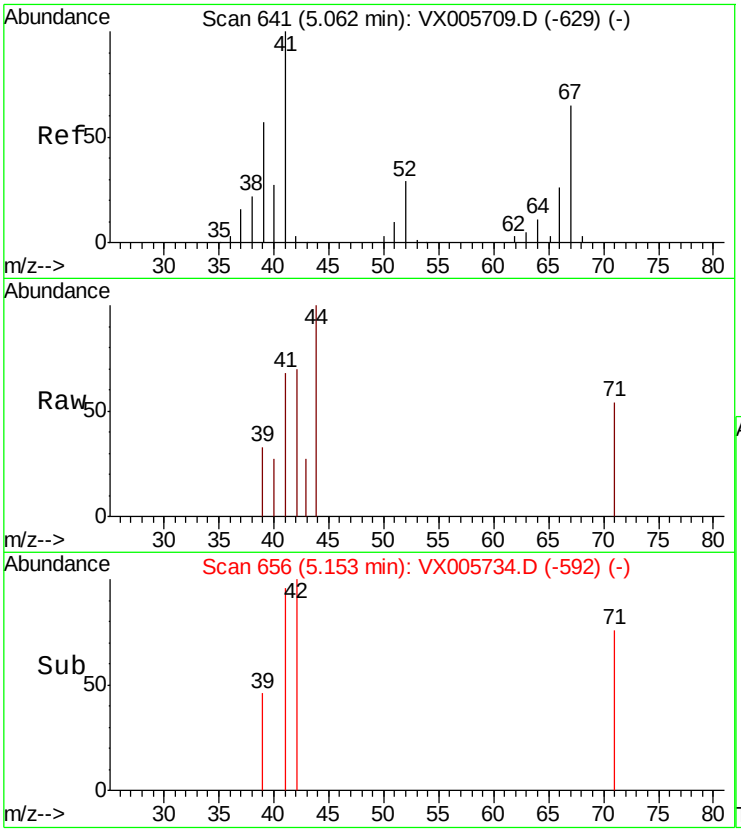


#38
Carbon Tetrachloride
Concen: 6.798 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Tgt Ion:117 Resp: 13349

Ion	Ratio	Lower	Upper
117	100		
119	6.7	78.1	117.1#
121	0.0	24.6	36.8#



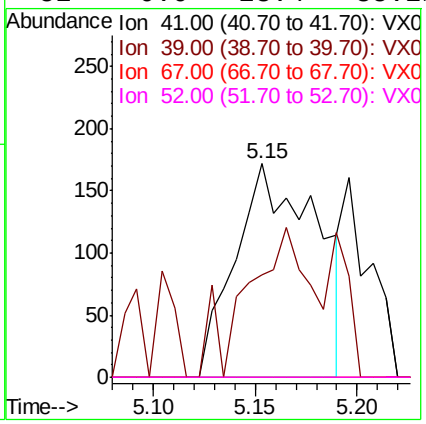


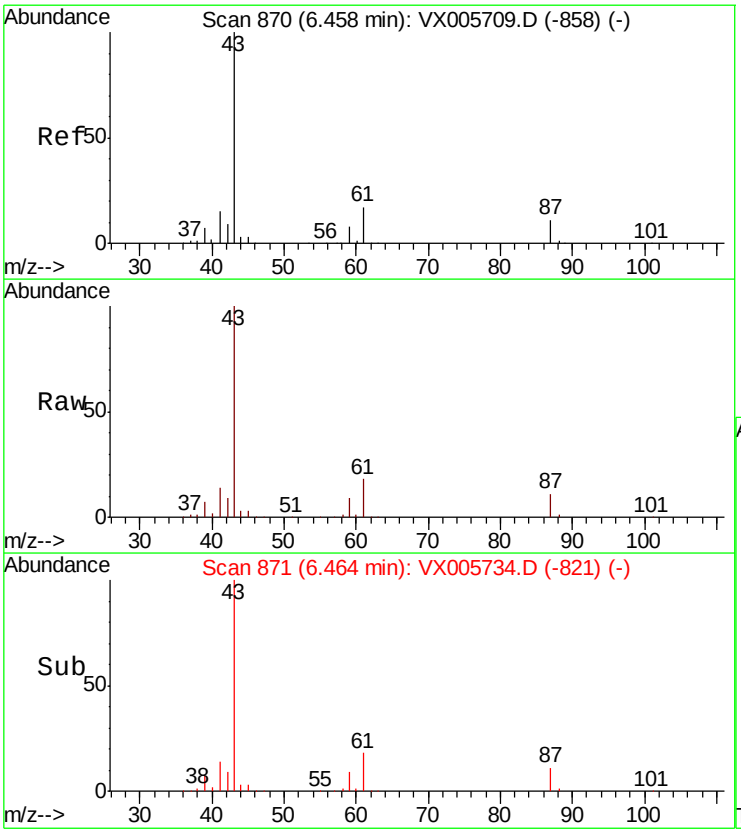
#41
Methacrylonitrile
Concen: 0.317 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.09 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 475

Ion	Ratio	Lower	Upper
41	100		
39	55.6	42.2	63.2
67	0.0	53.4	80.0#
52	0.0	23.4	35.2#

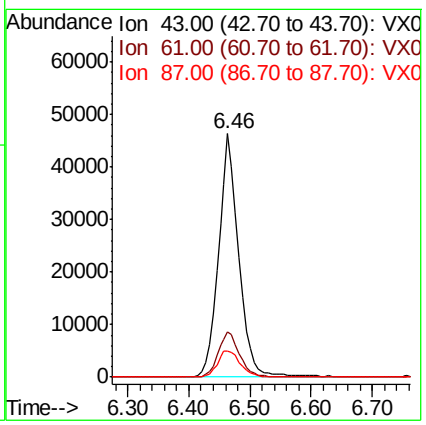


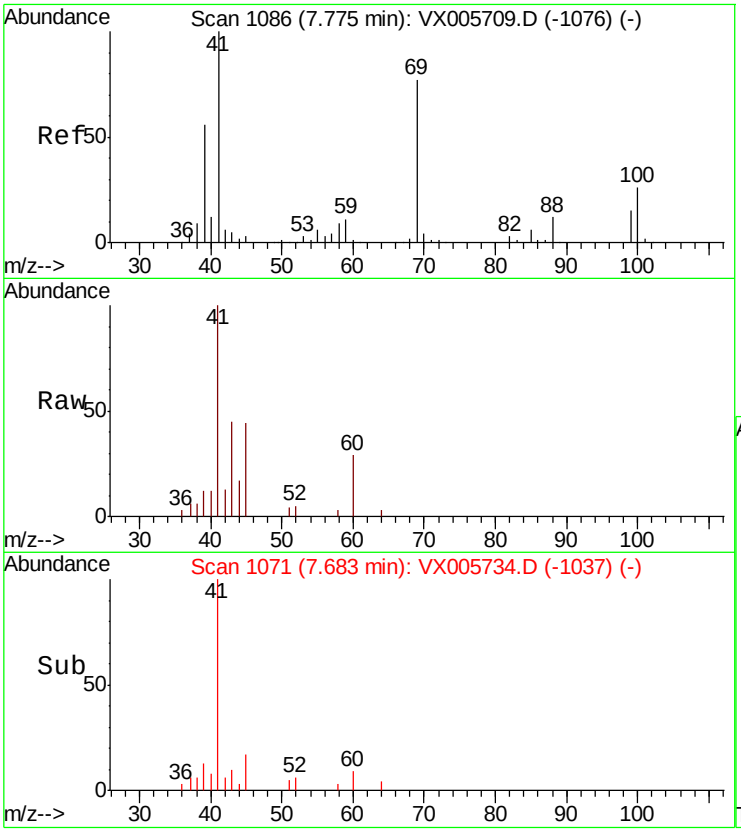


#43
Isopropyl Acetate
Concen: 26.532 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Tgt Ion: 43 Resp: 106776

Ion	Ratio	Lower	Upper
43	100		
61	19.4	14.6	22.0
87	12.3	9.6	14.4



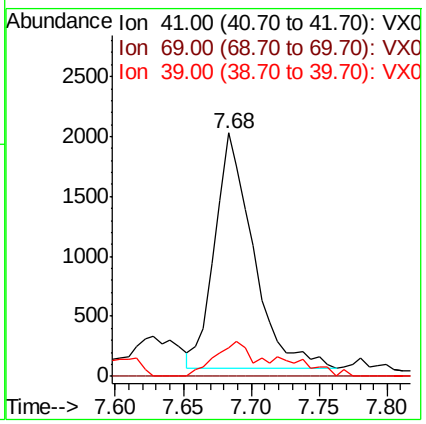


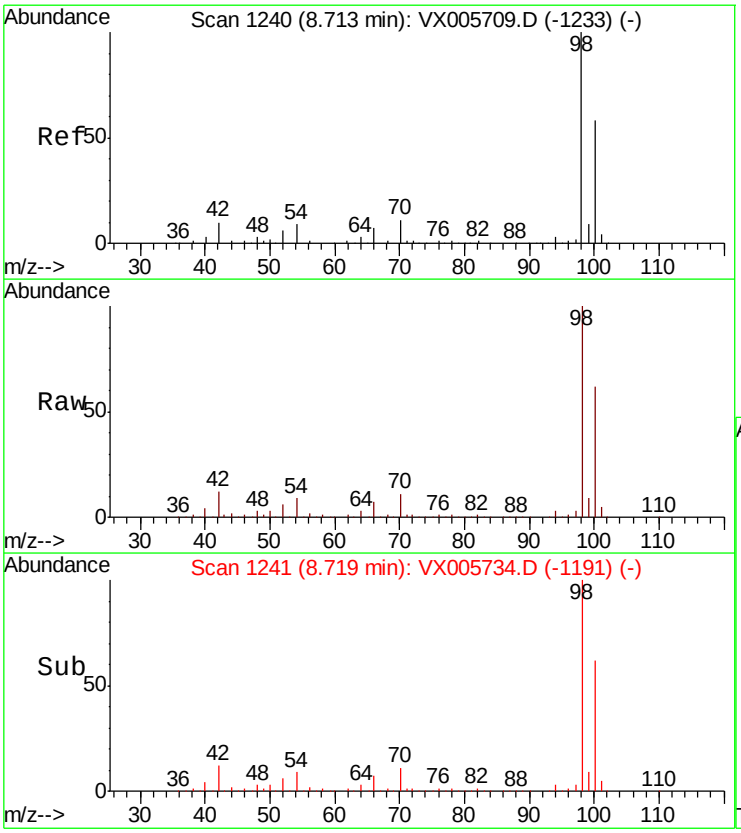
#48
Methyl methacrylate
Concen: 1.985 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 3867

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.2	94.8#
39	15.4	42.2	63.2#

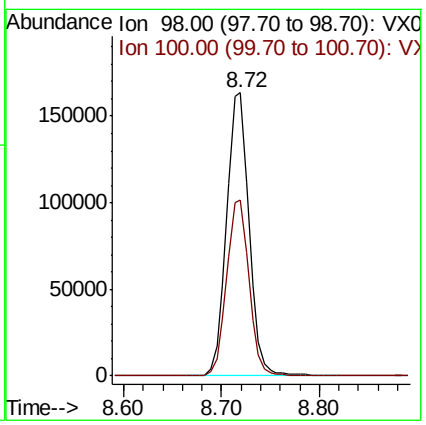


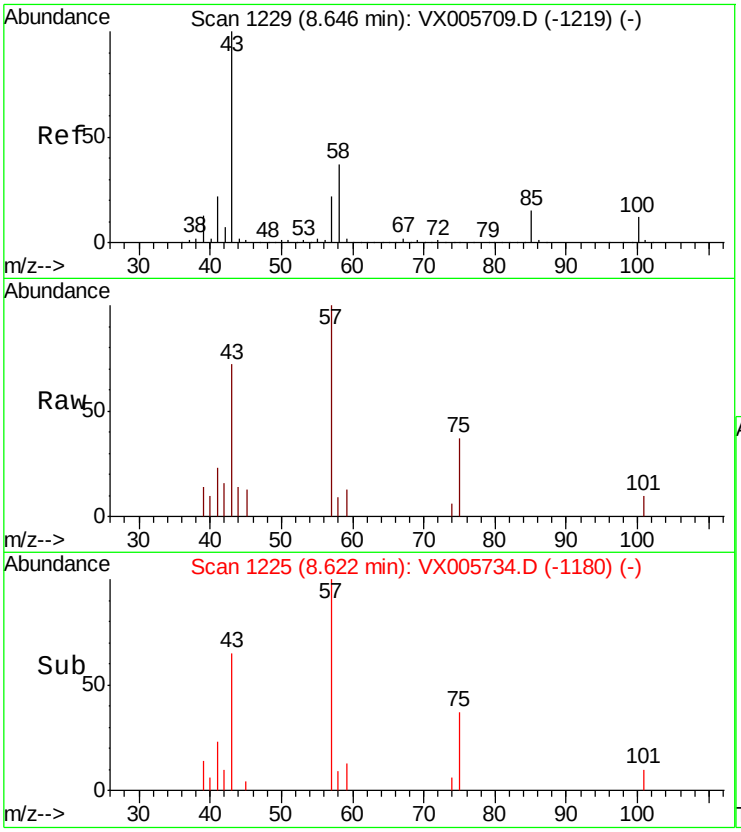


#50
Toluene-d8
Concen: 52.634 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Tgt Ion: 98 Resp: 260750

Ion	Ratio	Lower	Upper
98	100		
100	62.4	51.3	76.9



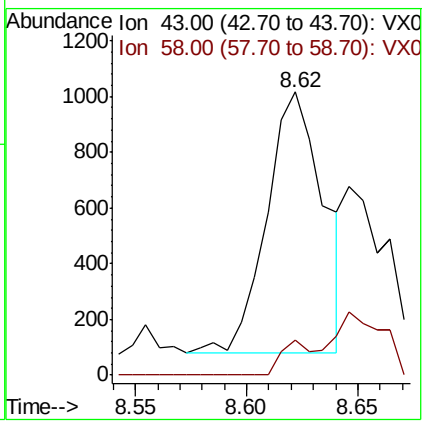


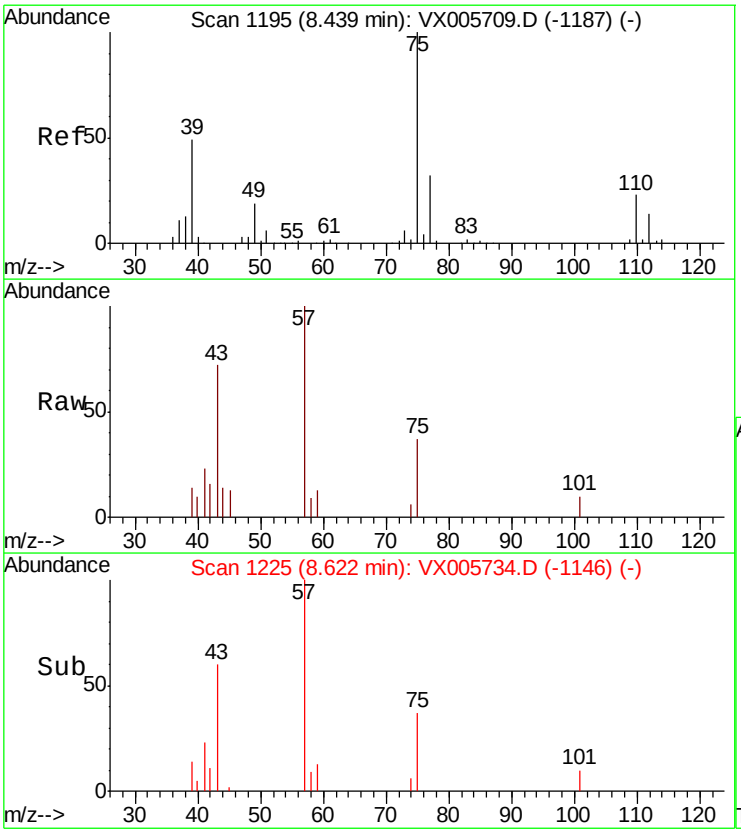
#51
4-Methyl-2-Pentanone
Concen: 0.601 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1648

Ion	Ratio	Lower	Upper
43	100		
58	6.6	29.7	44.5#

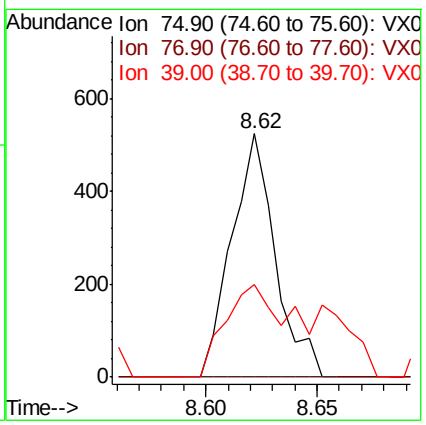


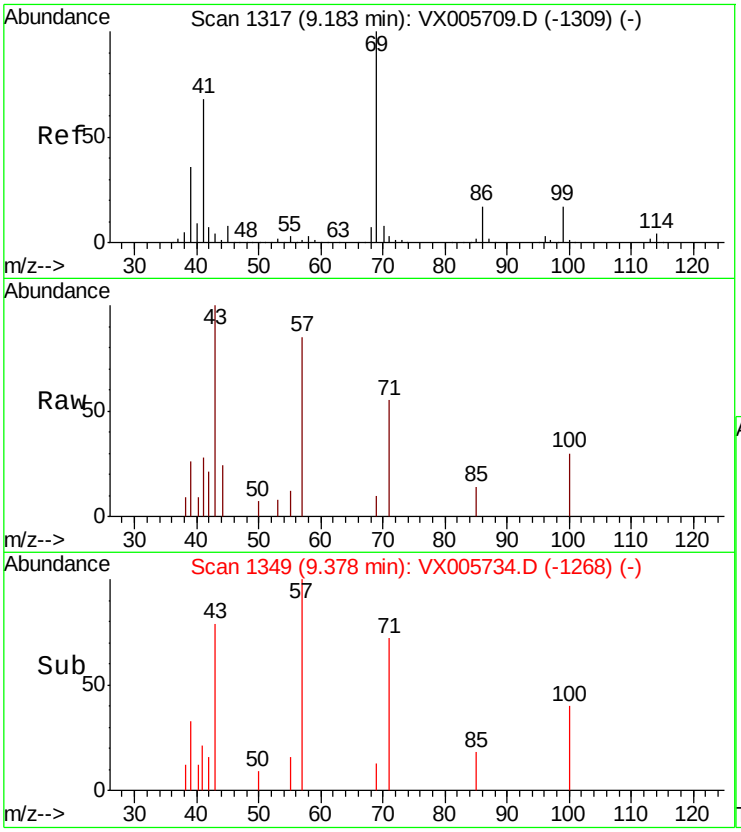


#54
cis-1,3-Dichloropropene
Concen: 0.310 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.18 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Tgt Ion: 75 Resp: 716

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



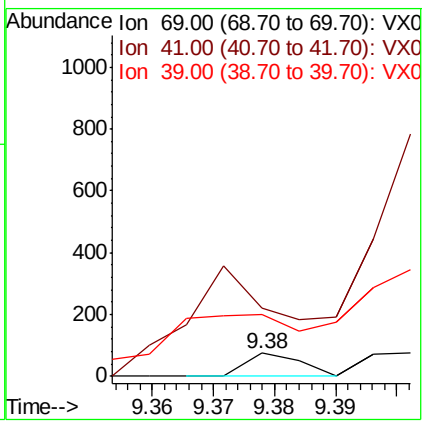


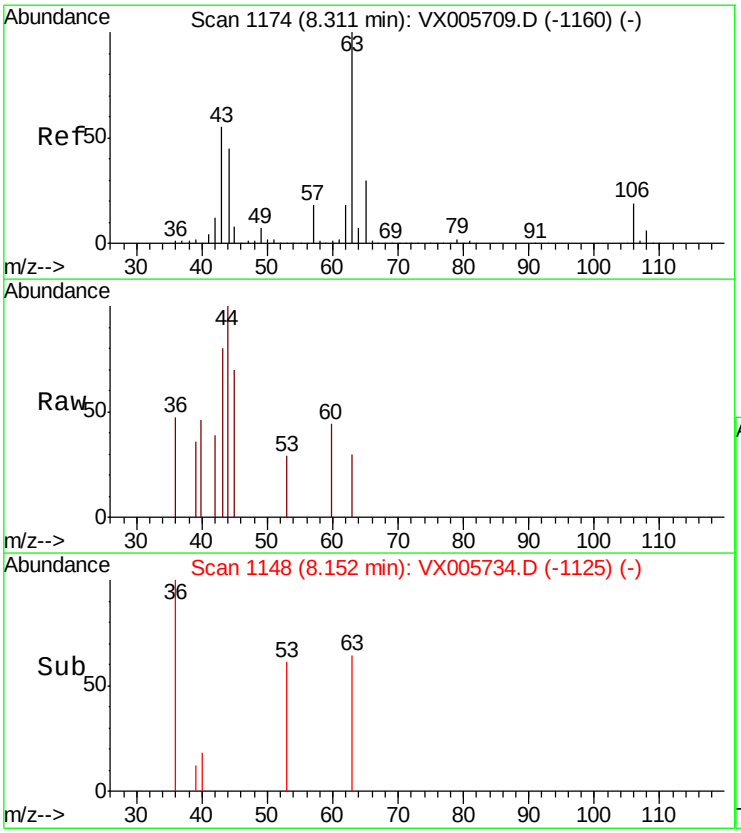
#56
Ethyl methacrylate
Concen: 2.488 ug/l
RT: 9.38 min Scan# 1349
Delta R.T. 0.20 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 69 Resp: 46

Ion	Ratio	Lower	Upper
69	100		
41	817.4	57.0	85.6#
39	676.1	28.3	42.5#

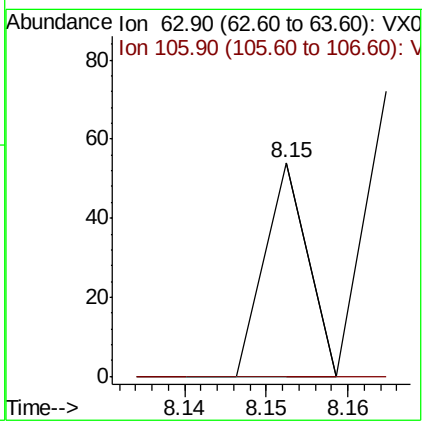


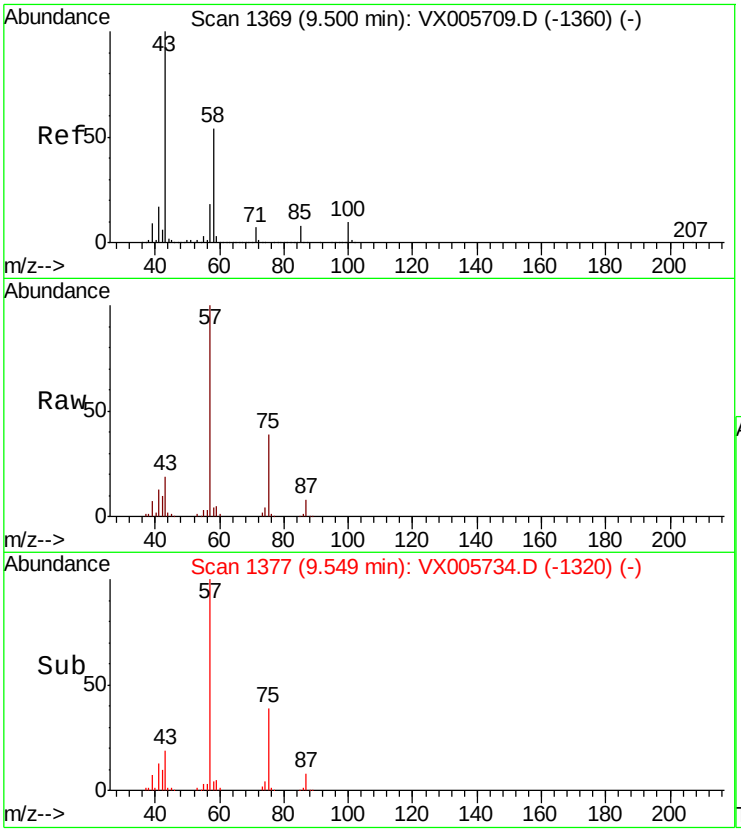


#58
2-Chloroethyl Vinyl ether
Concen: 10.351 ug/l
RT: 8.15 min Scan# 1148
Delta R.T. -0.16 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Tgt Ion: 63 Resp: 20

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.3	31.9#



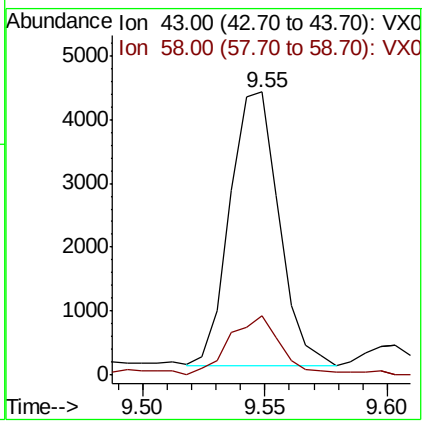


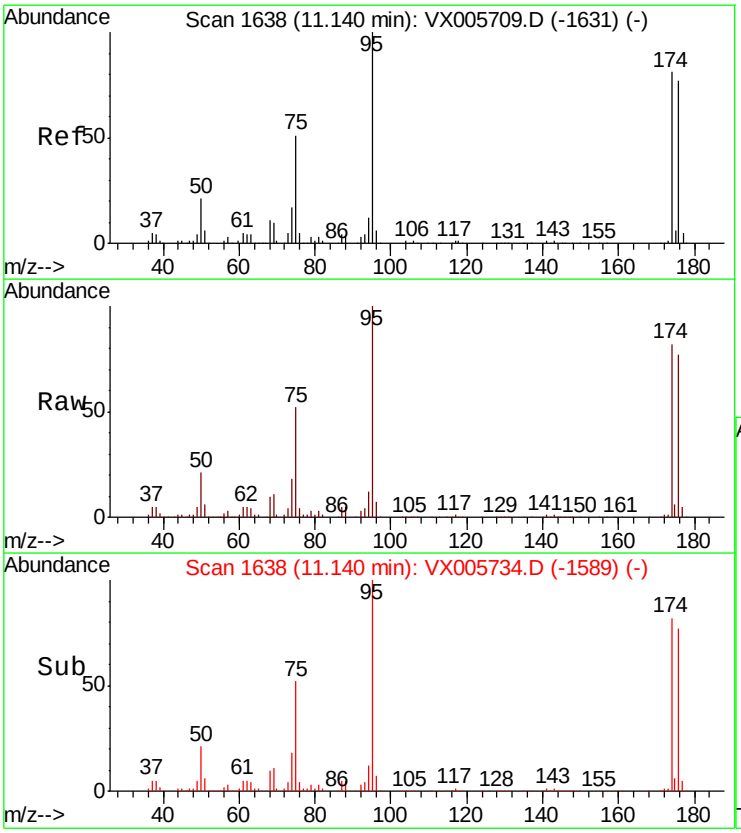
#59
2-Hexanone
Concen: 2.676 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 5976

Ion	Ratio	Lower	Upper
43	100		
58	23.9	25.9	77.8#

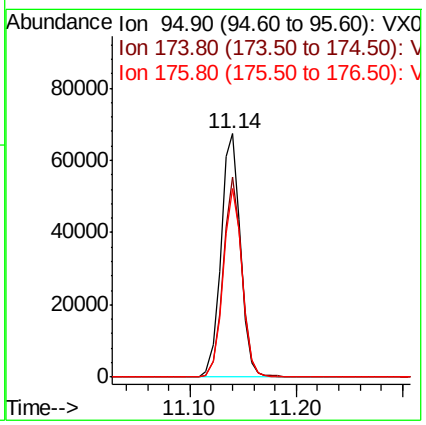


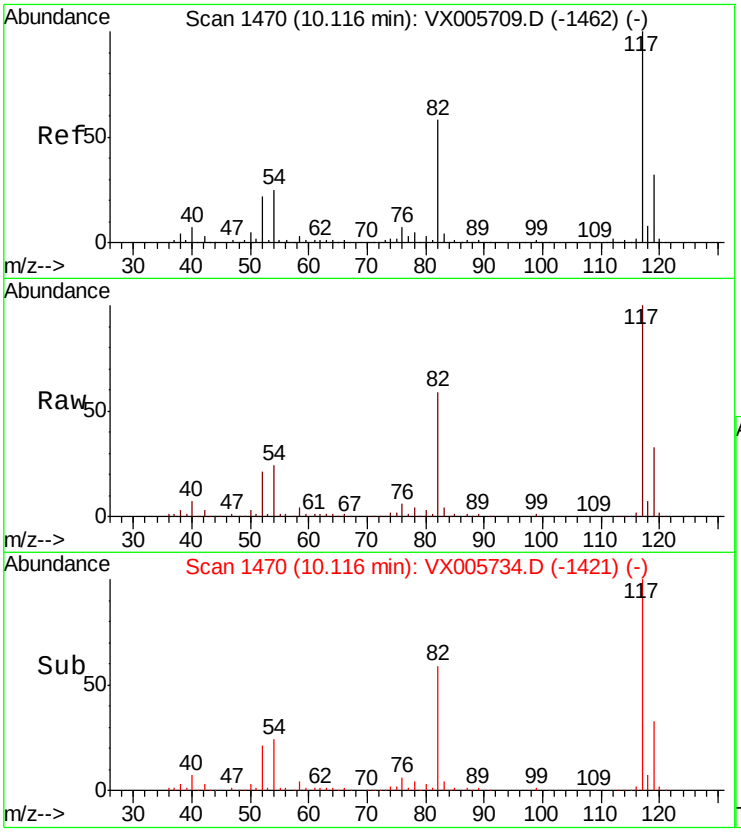


#62
4-Bromofluorobenzene
Concen: 47.014 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Tgt Ion: 95 Resp: 85959

Ion	Ratio	Lower	Upper
95	100		
174	79.4	0.0	184.4
176	76.0	0.0	177.4



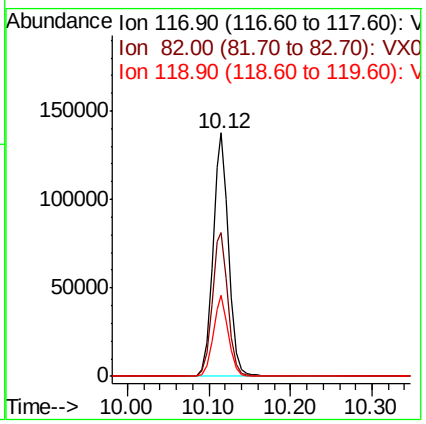


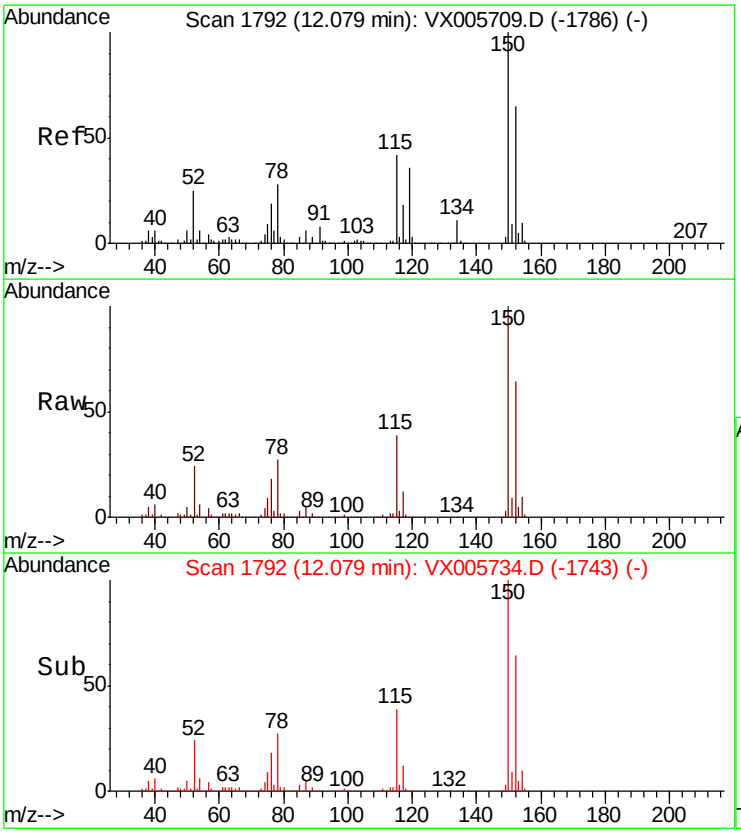
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 185994

Ion	Ratio	Lower	Upper
117	100		
82	59.1	44.1	66.1
119	33.1	26.2	39.2

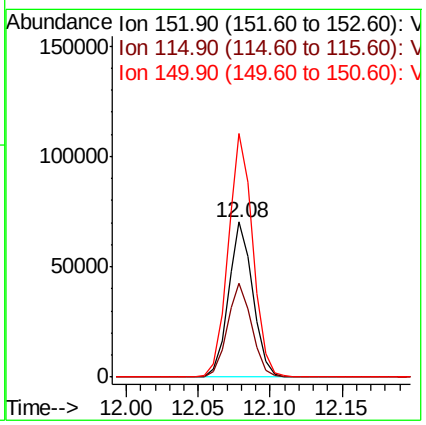


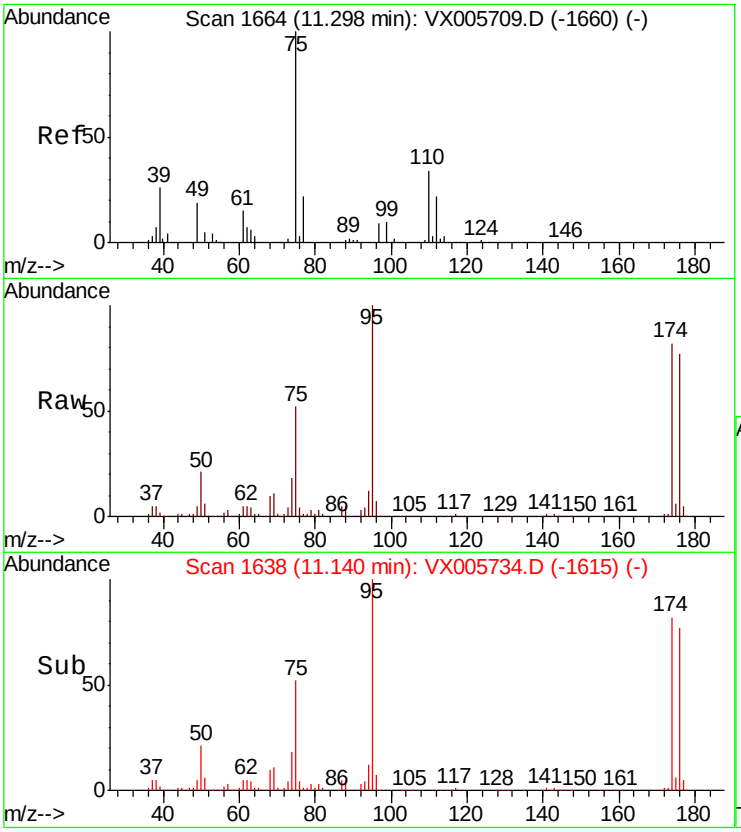


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Tgt Ion:152 Resp: 83193

Ion	Ratio	Lower	Upper
152	100		
115	61.0	39.4	118.1
150	158.6	0.0	346.4



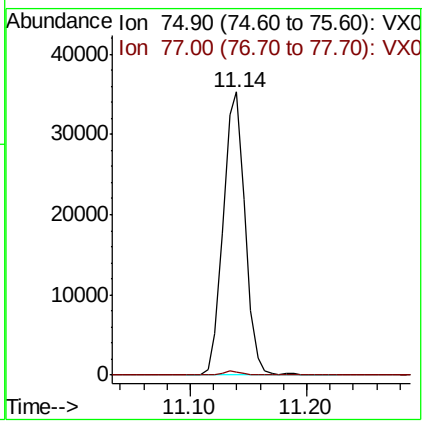


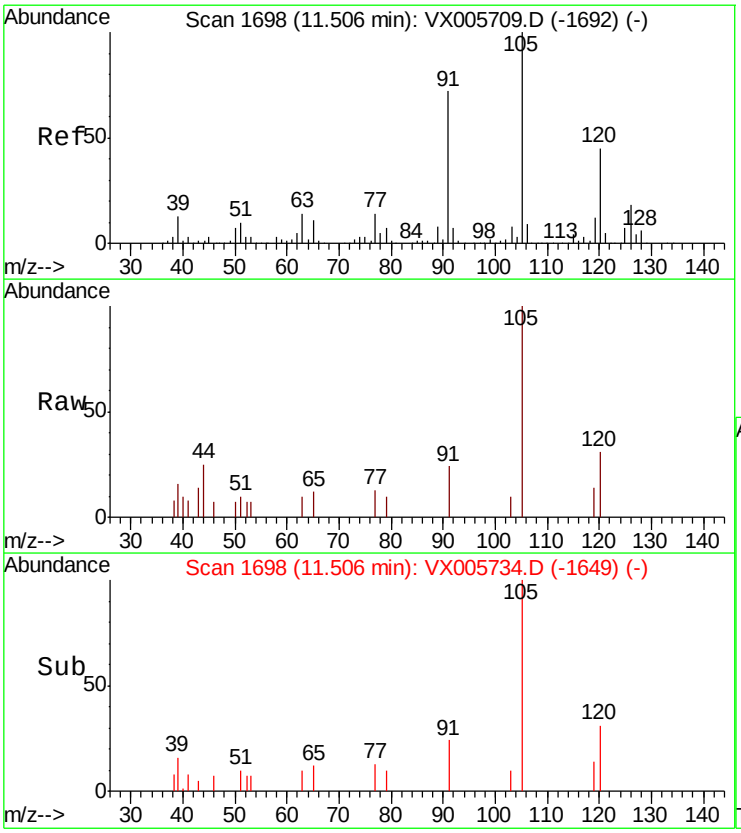
#76
1,2,3-Trichloropropane
Concen: 22.079 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 45749

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.5	61.6#

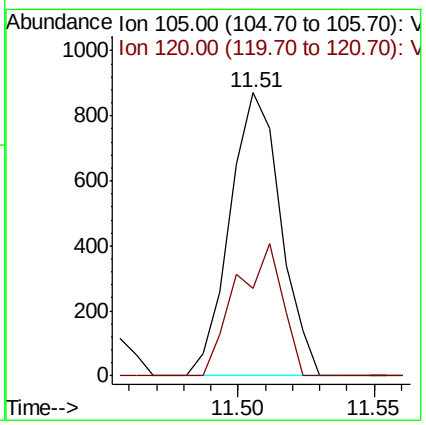


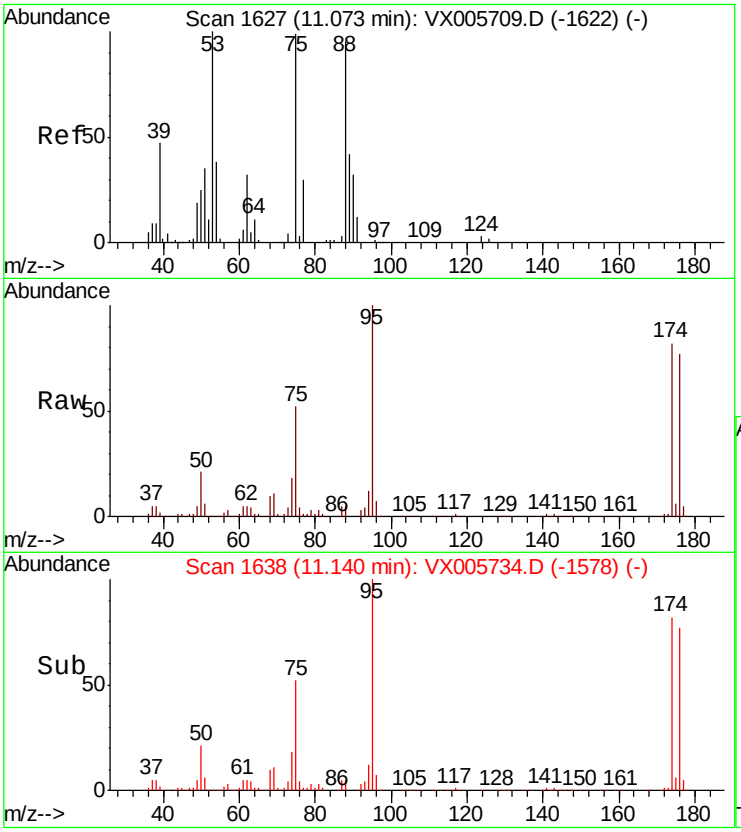


#80
1,3,5-Trimethylbenzene
Concen: 0.242 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Tgt Ion:105 Resp: 1130

Ion	Ratio	Lower	Upper
105	100		
120	42.4	24.1	72.2



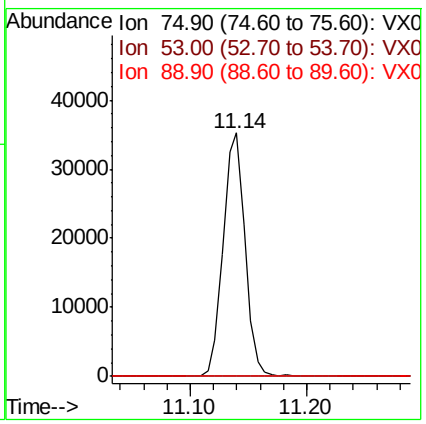


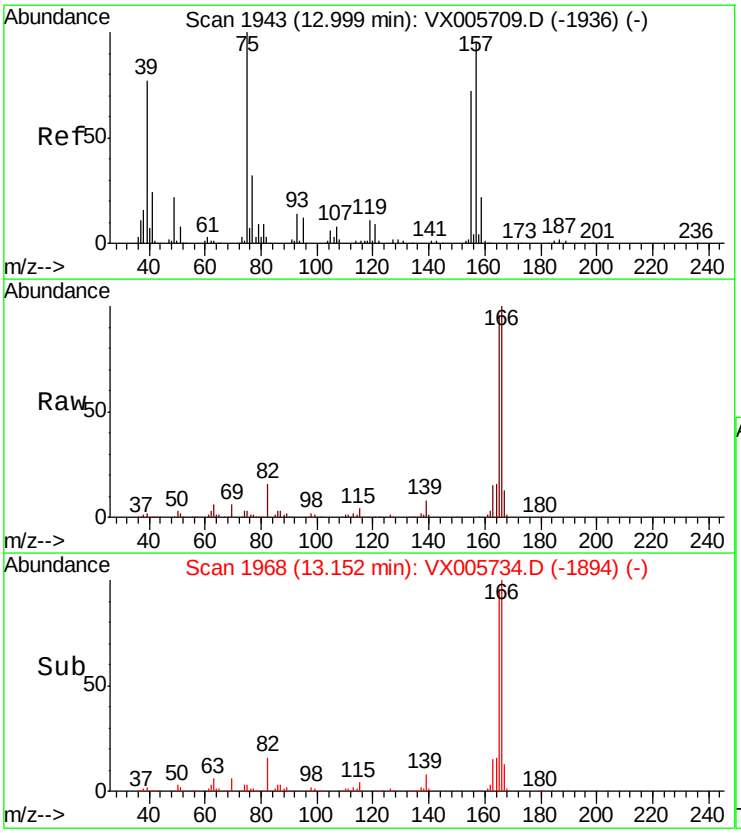
#81
trans-1,4-Dichloro-2-butene
Concen: 71.337 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 45749

Ion	Ratio	Lower	Upper
75	100		
53	0.2	80.2	120.2#
89	0.0	39.8	59.8#

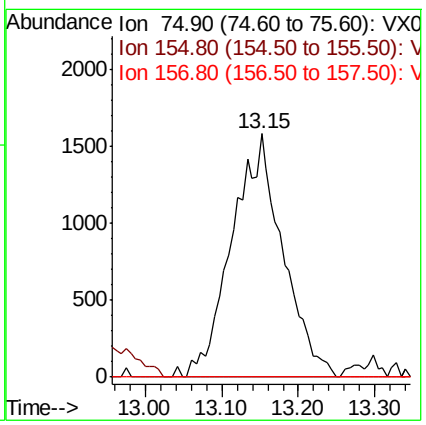


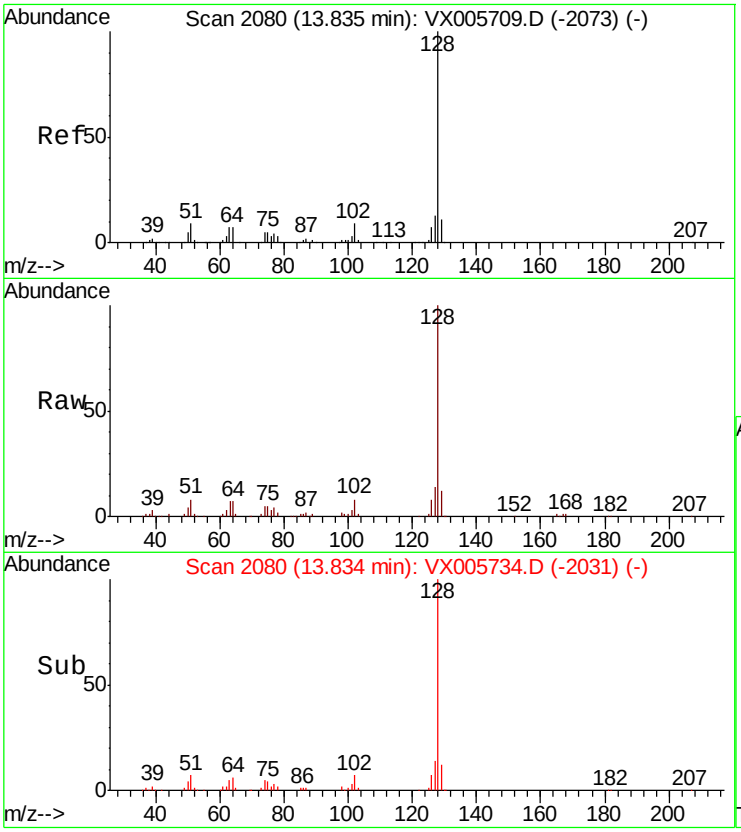


#92
1,2-Dibromo-3-Chloropropane
Concen: 13.670 ug/l
RT: 13.15 min Scan# 1968
Delta R.T. 0.15 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Tgt Ion: 75 Resp: 7301

Ion	Ratio	Lower	Upper
75	100		
155	0.0	45.4	136.1#
157	0.0	57.4	172.0#





#95
Naphthalene
Concen: 5.896 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005734.D
Acq: 01 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 34203

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.4	15.6
129	10.7	8.7	13.1