Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110518\
Data File : VX005793.D
Acq On : 05 Nov 2018 21:50
Operator : JC/MD
Sample : J5816-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Nov 06 00:48:57 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	141284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	236243	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	212632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	91805	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	111437	53.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.90%			
35) Dibromofluoromethane	5.51	113	83364	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.92%			
50) Toluene-d8	8.71	98	292950	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.12%			
62) 4-Bromofluorobenzene	11.14	95	92515	43.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.38%			
Target Compounds						Qvalue
6) Chloroethane	1.73	64	72	Below Cal	#	42
8) Diethyl Ether	2.19	74	4541	3.930	ug/l	99
11) Tert butyl alcohol	3.02	59	2436	4.343	ug/l #	74
13) Acrolein	2.29	56	131	12.493	ug/l	93
16) Acetone	2.45	43	7494	Below Cal		93
18) Methyl Acetate	2.78	43	5407	1.824	ug/l	94
20) Methylene Chloride	2.86	84	12697	7.128	ug/l	96
25) 2-Butanone	4.71	43	1844	1.058	ug/l #	80
29) Tetrahydrofuran	5.16	42	890	0.837	ug/l #	77
30) Chloroform	5.21	83	1051	0.326	ug/l	93
31) Cyclohexane	5.66	56	3468	1.257	ug/l #	4
36) 1,1-Dichloropropene	5.67	75	11946	4.746	ug/l #	45
38) Carbon Tetrachloride	5.67	117	14974	6.585	ug/l #	16
43) Isopropyl Acetate	6.46	43	112964	24.238	ug/l	98
47) Bromodichloromethane	7.90	83	513	0.223	ug/l #	82
48) Methyl methacrylate	7.68	41	4298	1.905	ug/l #	24
51) 4-Methyl-2-Pentanone	8.62	43	1894	0.596	ug/l #	51
52) Toluene	8.78	92	1182	0.292	ug/l	96
54) cis-1,3-Dichloropropene	8.62	75	681	0.255	ug/l #	76
56) Ethyl methacrylate	9.13	69	40	2.484	ug/l #	47
59) 2-Hexanone	9.55	43	6175	2.388	ug/l #	62
68) m/p-Xylenes	10.35	106	1343	0.469	ug/l	88
76) 1,2,3-Trichloropropane	11.14	75	48334	21.139	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.51	105	1218	0.237	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	48334	68.298	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.80	105	2677	0.515	ug/l	95
95) Naphthalene	13.83	128	68309	10.670	ug/l	99

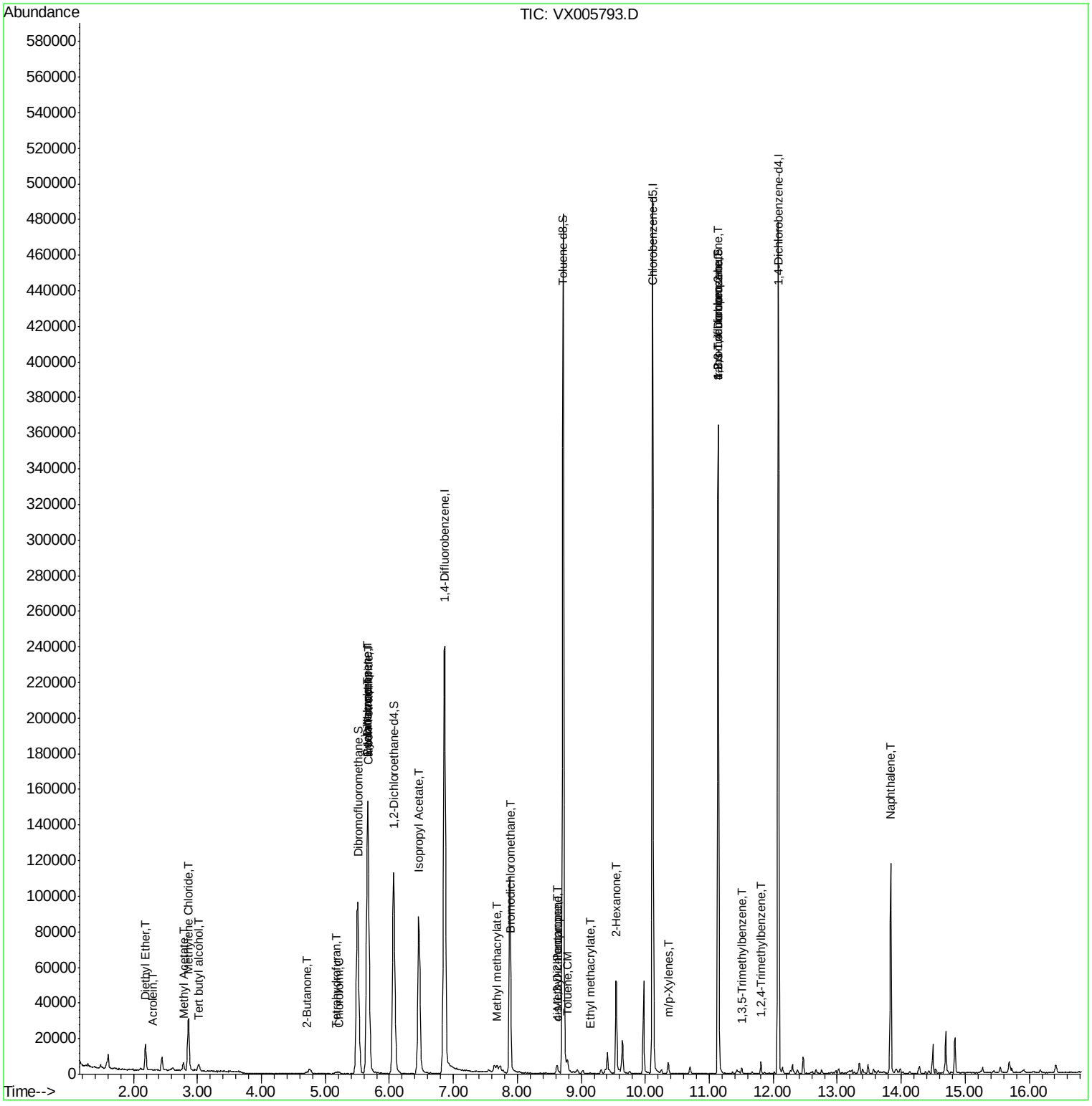
(#) = qualifier out of range (m) = manual integration (+) = signals summed

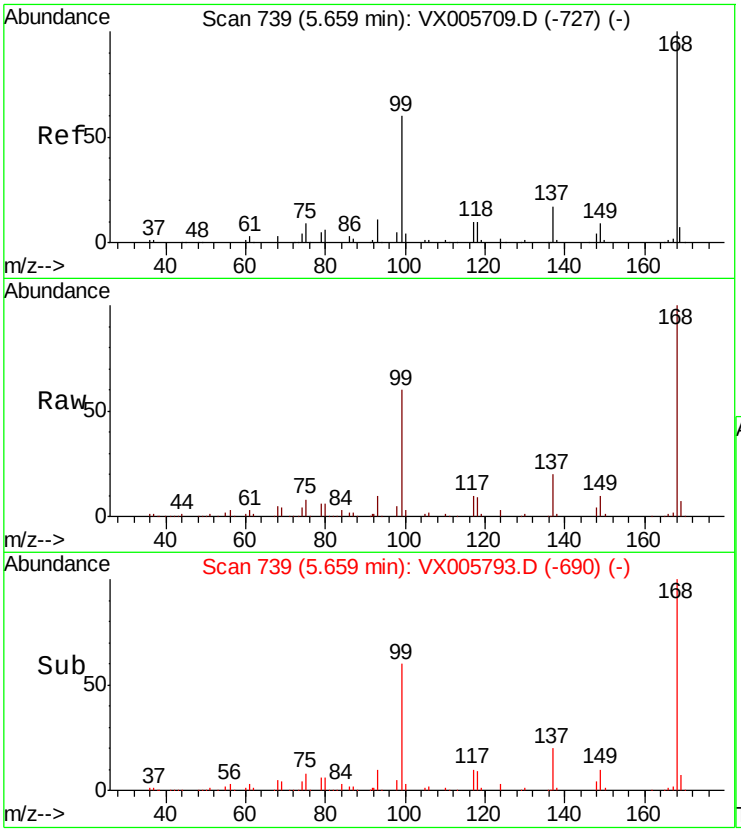
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110518\
Data File : VX005793.D
Acq On : 05 Nov 2018 21:50
Operator : JC/MD
Sample : J5816-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 06 00:48:57 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



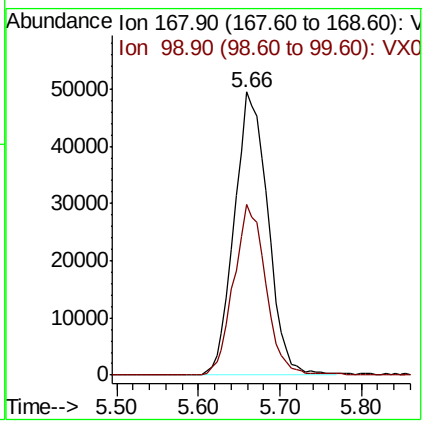


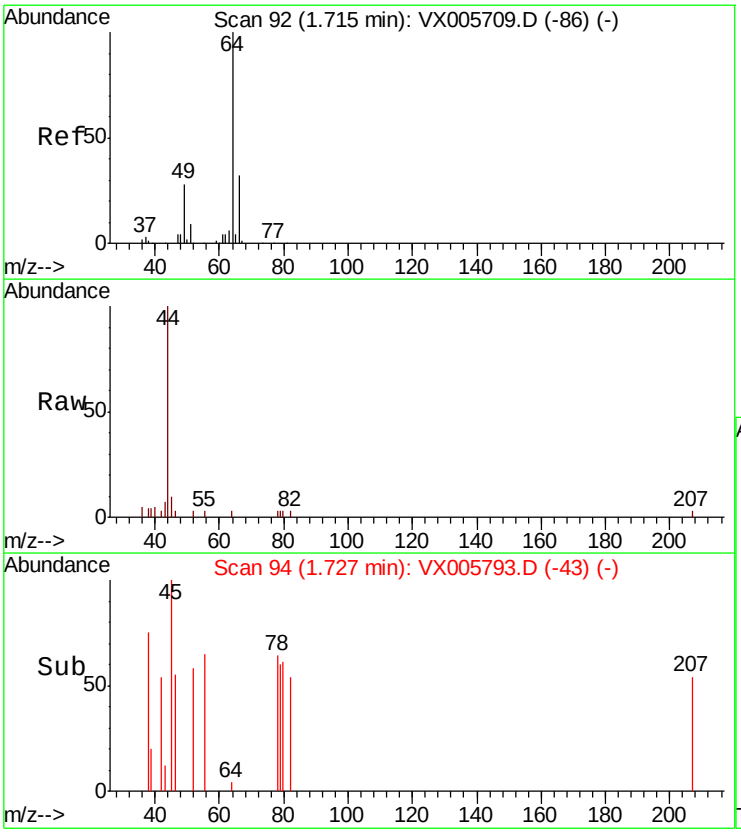
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 141284

Ion	Ratio	Lower	Upper
168	100		
99	60.2	40.7	61.1

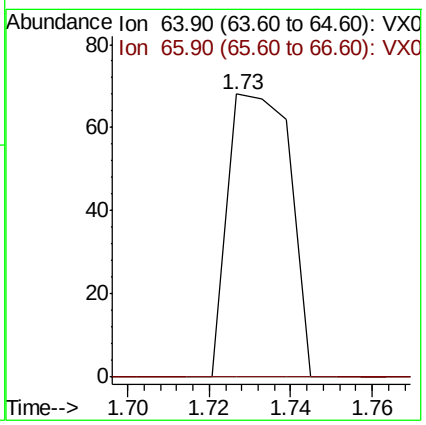


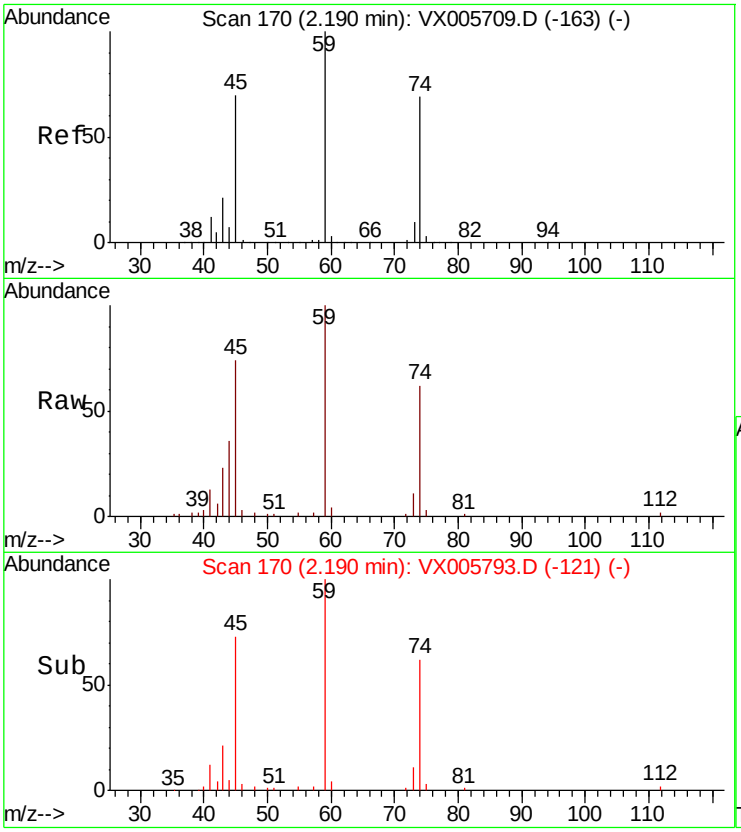


#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 94
Delta R.T. 0.01 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Tgt Ion: 64 Resp: 72

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.8	38.6#



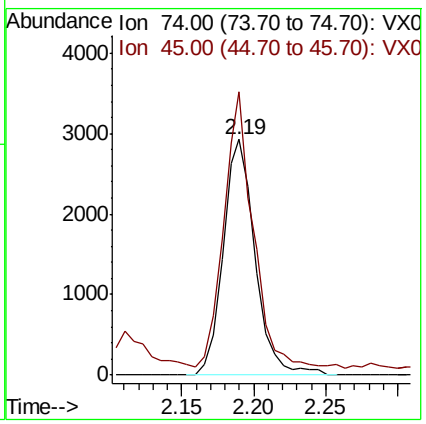


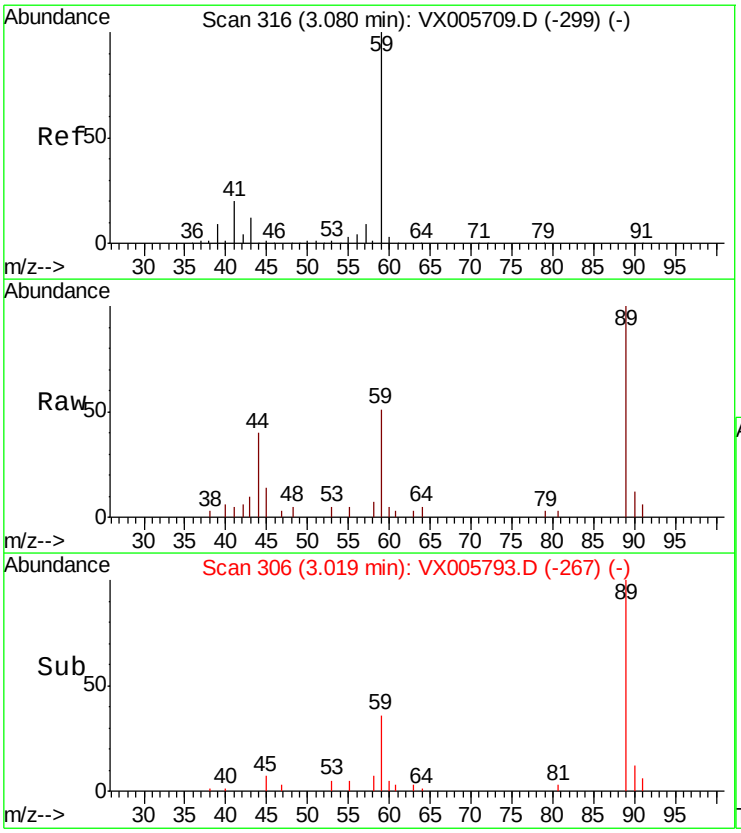
#8
Diethyl Ether
Concen: 3.930 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 74 Resp: 4541

Ion	Ratio	Lower	Upper
74	100		
45	109.6	54.1	162.3

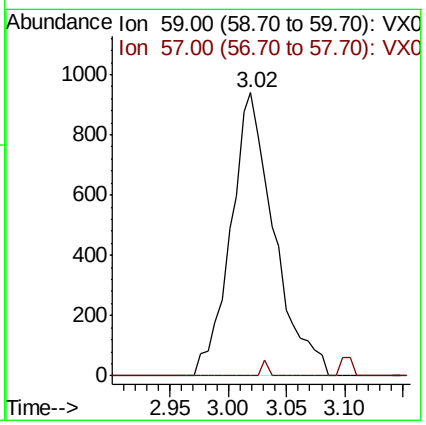


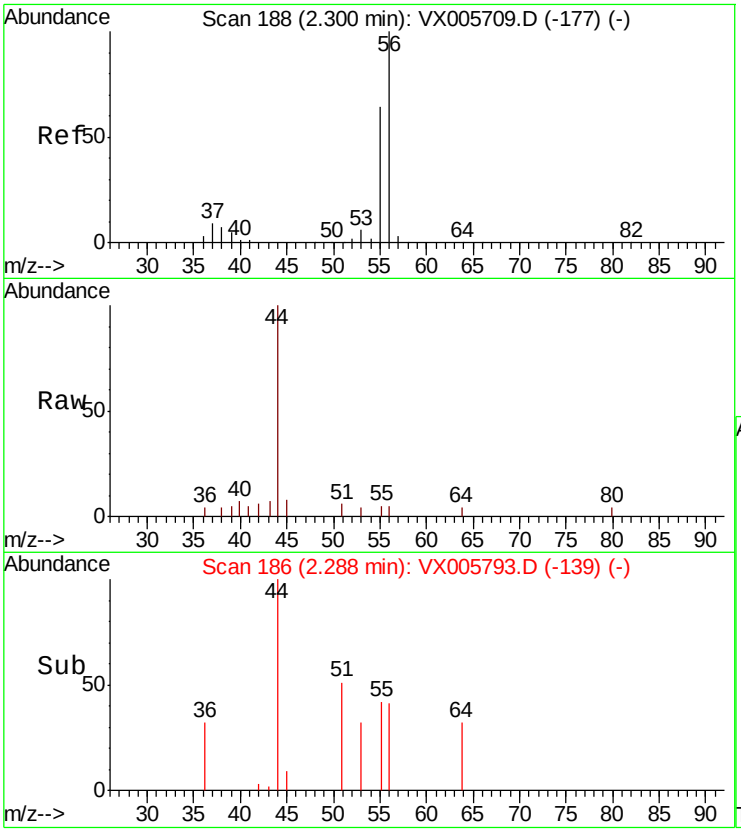


#11
Tert butyl alcohol
Concen: 4.343 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Tgt Ion: 59 Resp: 2436

Ion	Ratio	Lower	Upper
59	100		
57	0.8	8.5	12.7#



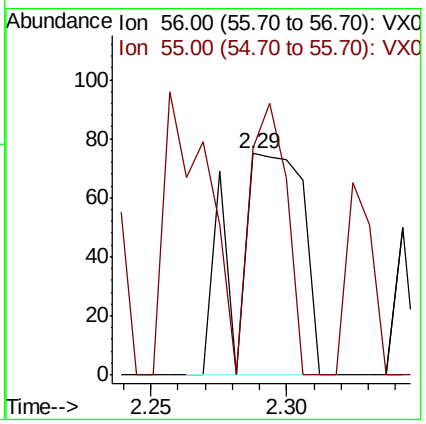


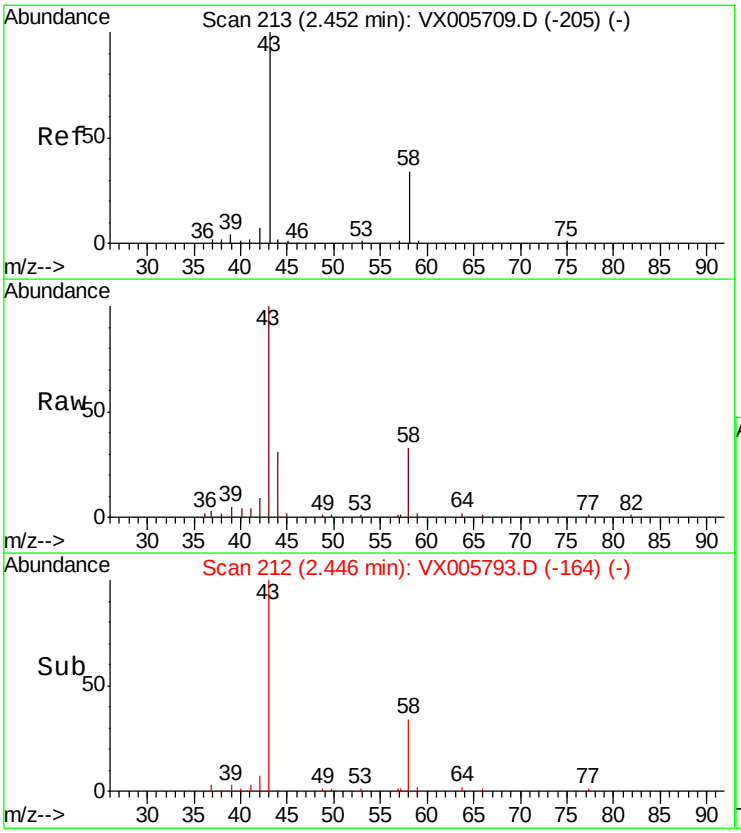
#13
Acrolein
Concen: 12.493 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 131

Ion	Ratio	Lower	Upper
56	100		
55	65.6	57.3	85.9

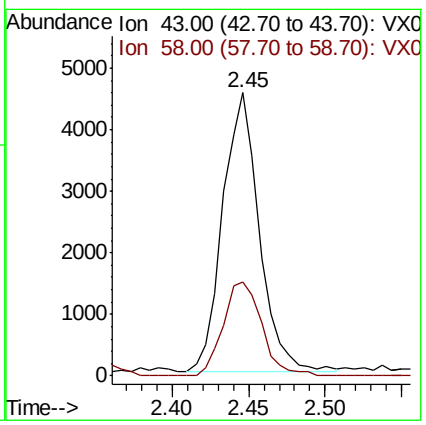


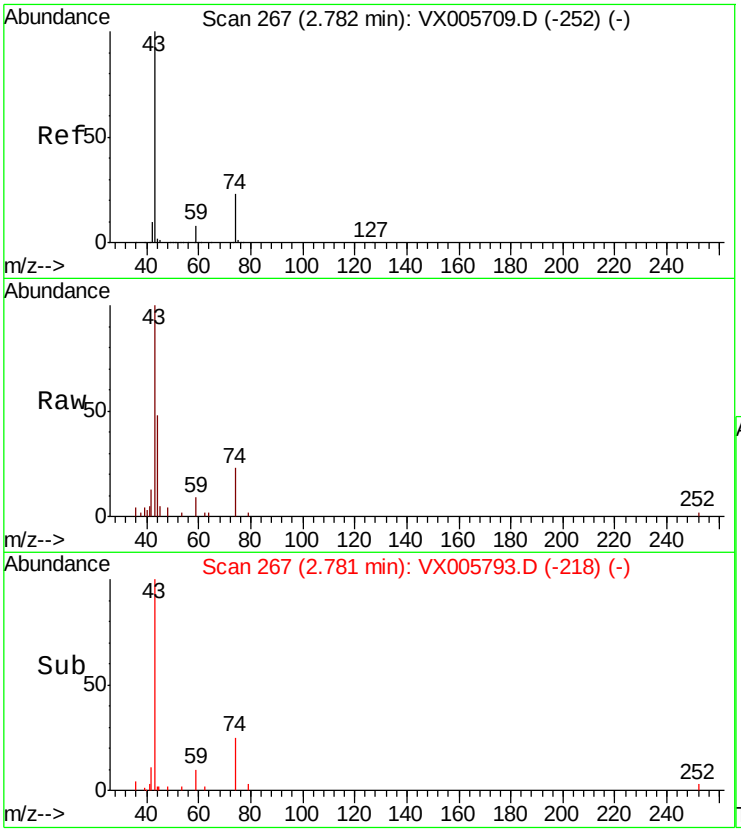


#16
Acetone
Concen: Below Cal
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Tgt Ion: 43 Resp: 7494

Ion	Ratio	Lower	Upper
43	100		
58	33.7	23.8	35.6



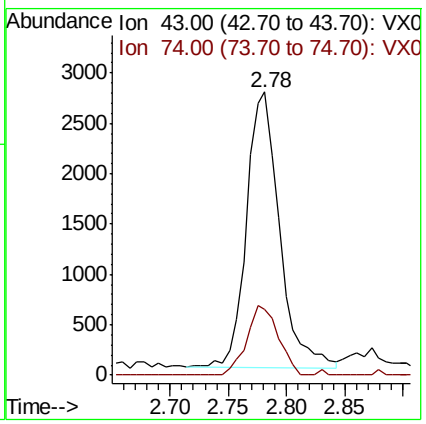


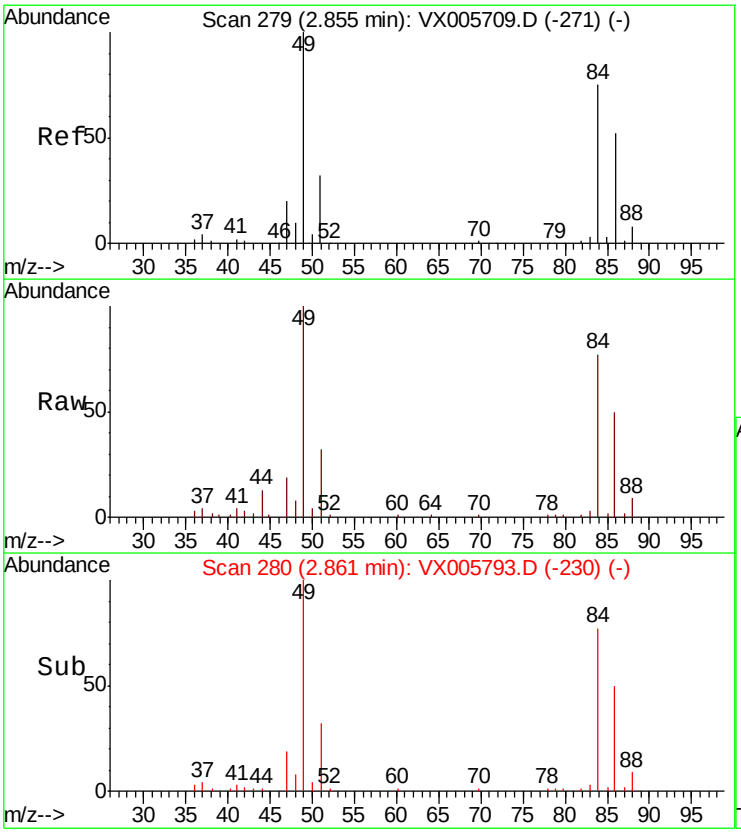
#18
Methyl Acetate
Concen: 1.824 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 5407

Ion	Ratio	Lower	Upper
43	100		
74	24.0	16.8	25.2

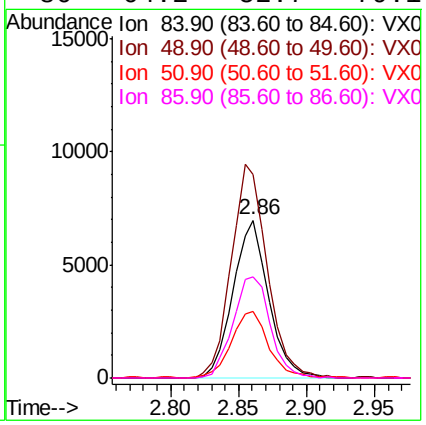


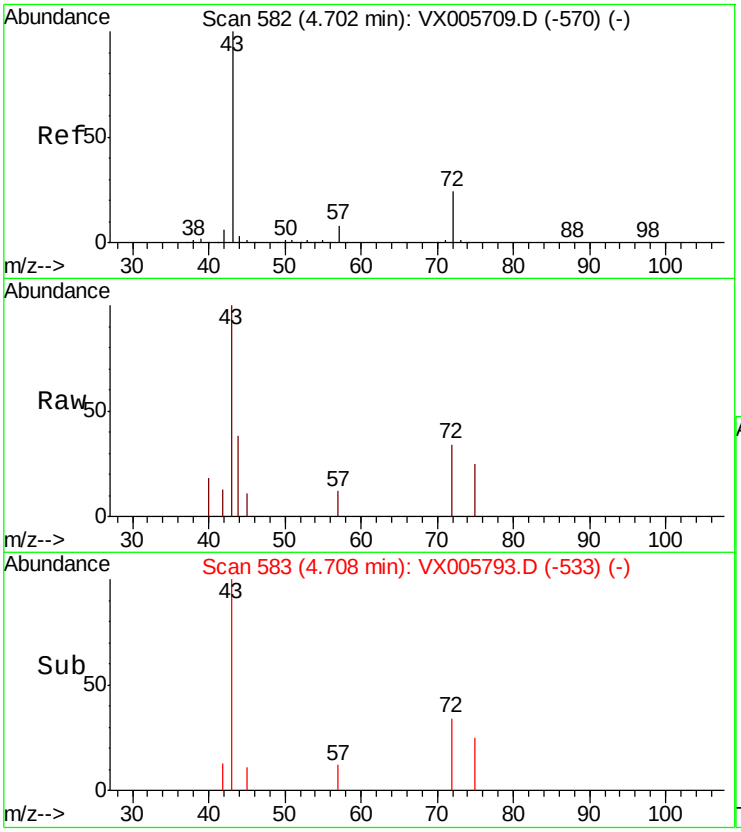


#20
Methylene Chloride
Concen: 7.128 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Tgt Ion: 84 Resp: 12697

Ion	Ratio	Lower	Upper
84	100		
49	129.1	109.5	164.3
51	41.9	33.3	49.9
86	64.2	52.7	79.1



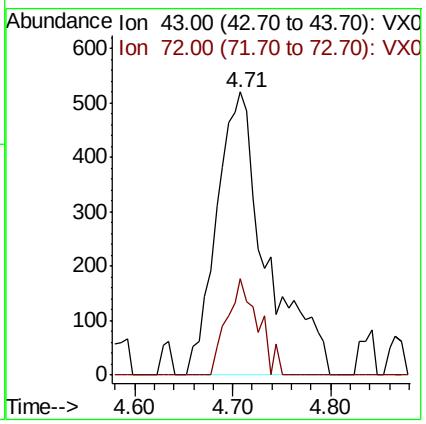


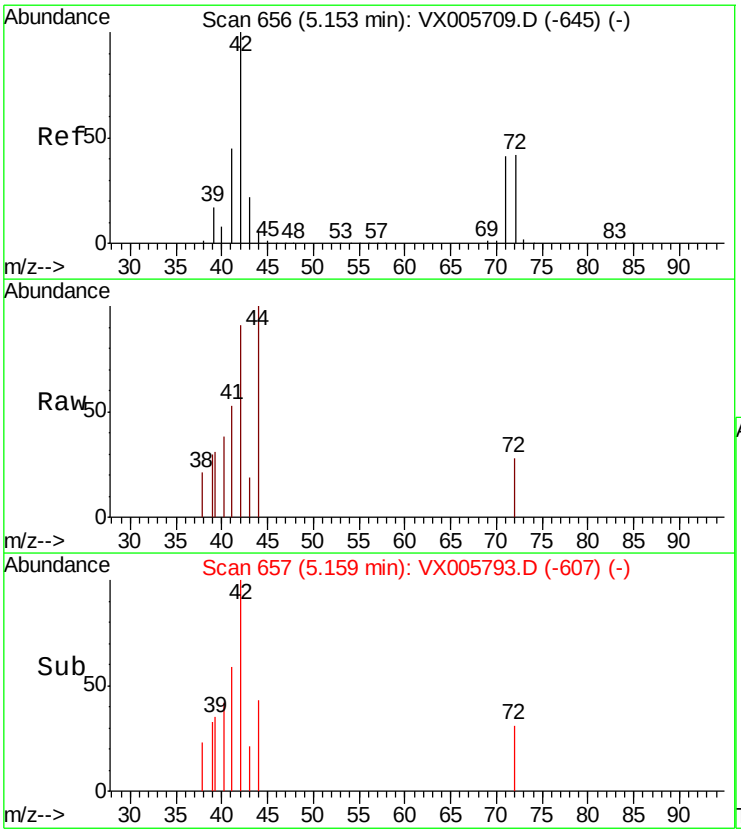
#25
2-Butanone
Concen: 1.058 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1844

Ion	Ratio	Lower	Upper
43	100		
72	34.0	19.2	28.8#

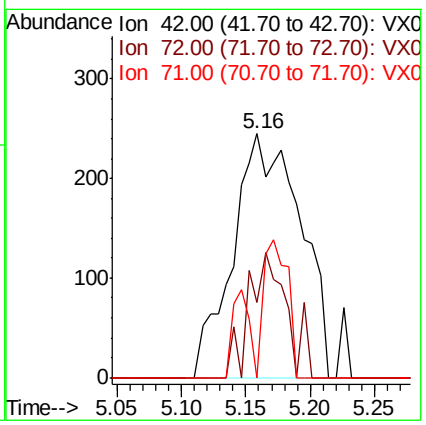


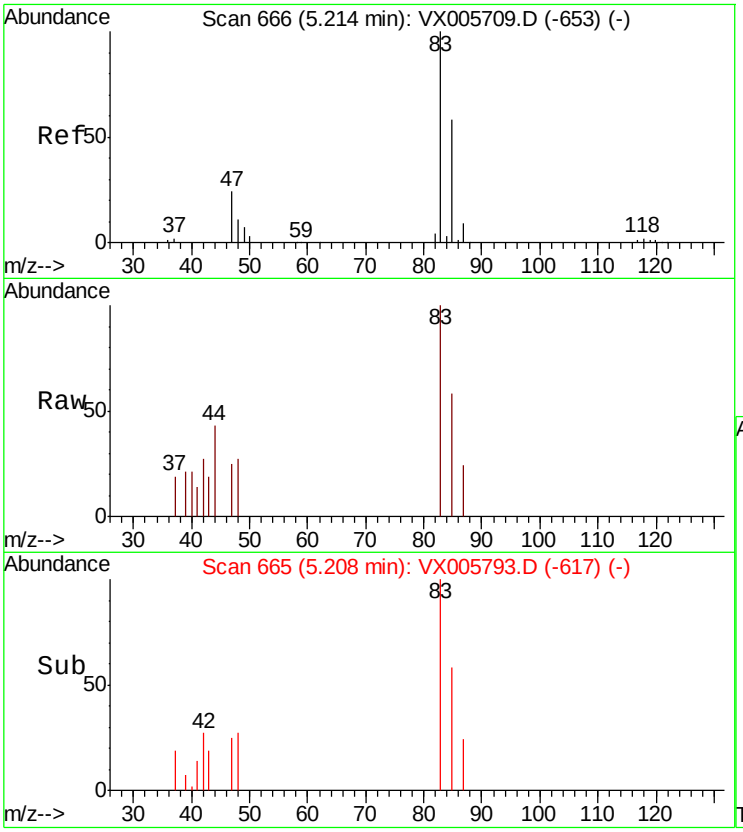


#29
Tetrahydrofuran
Concen: 0.837 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Tgt Ion: 42 Resp: 890

Ion	Ratio	Lower	Upper
42	100		
72	28.7	32.0	48.0#
71	20.0	29.8	44.8#



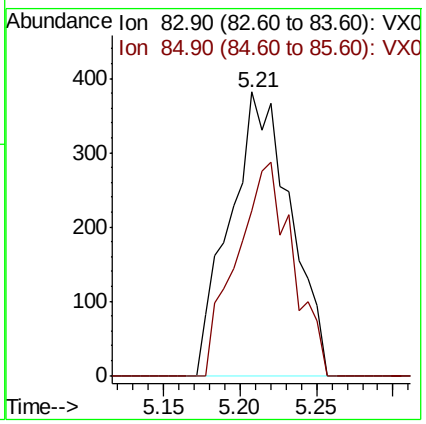


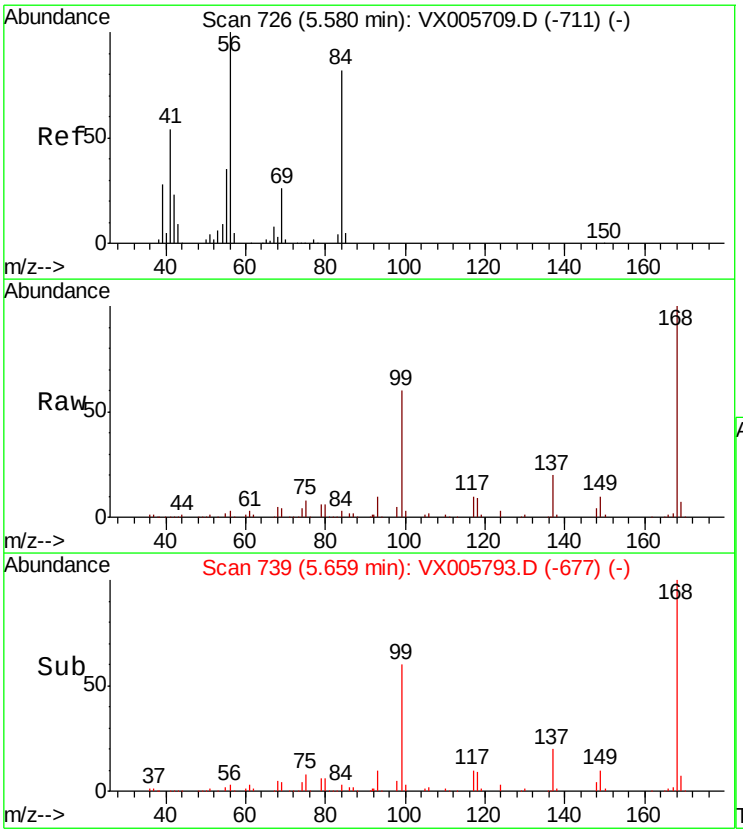
#30
Chloroform
Concen: 0.326 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 1051

Ion	Ratio	Lower	Upper
83	100		
85	58.1	50.6	76.0

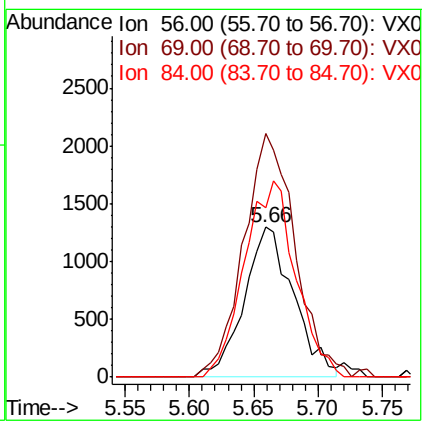


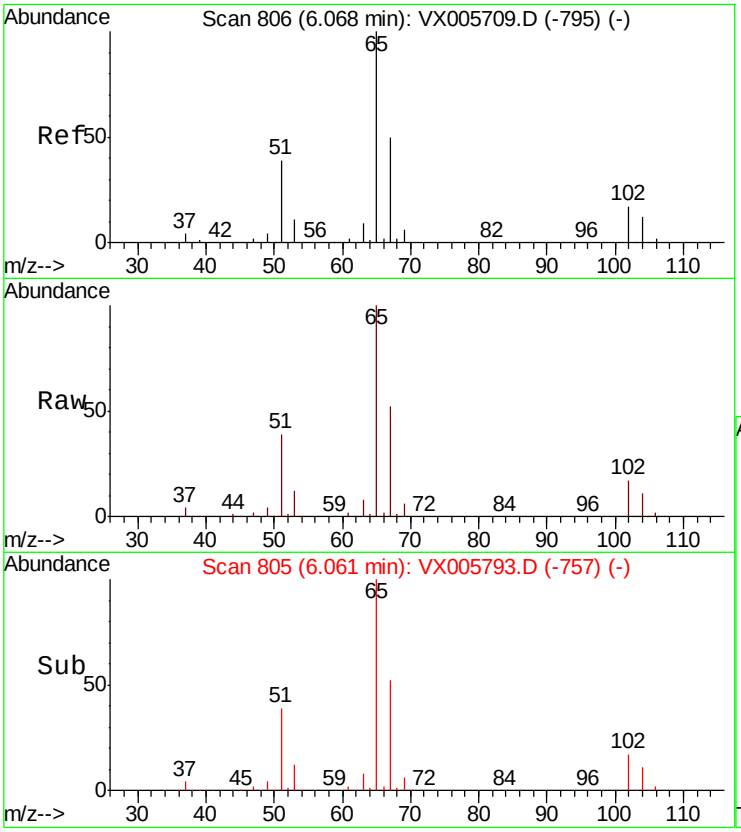


#31
Cyclohexane
Concen: 1.257 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Tgt Ion: 56 Resp: 3468

Ion	Ratio	Lower	Upper
56	100		
69	162.5	22.6	34.0#
84	112.8	62.7	94.1#



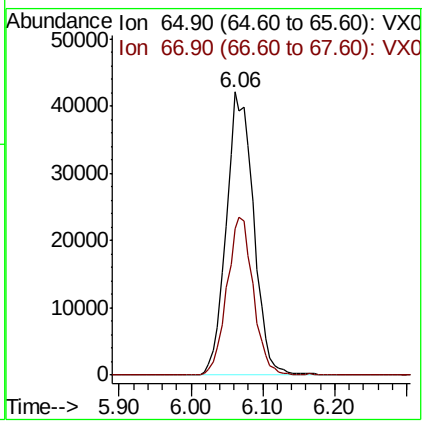


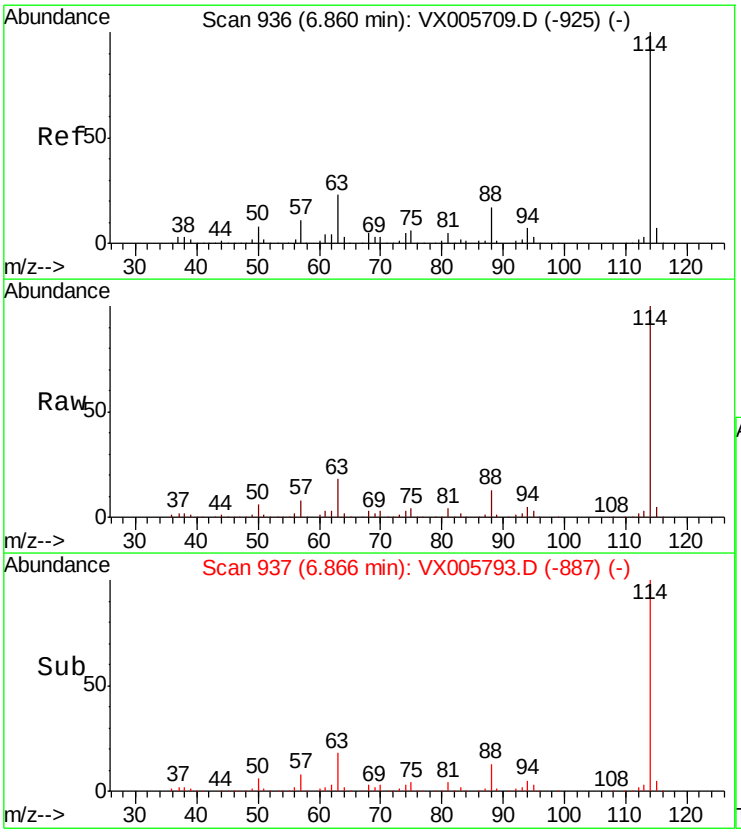
#33
1,2-Dichloroethane-d4
Concen: 53.949 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 111437

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	105.0

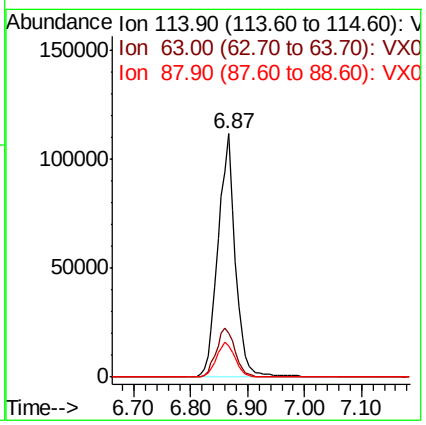


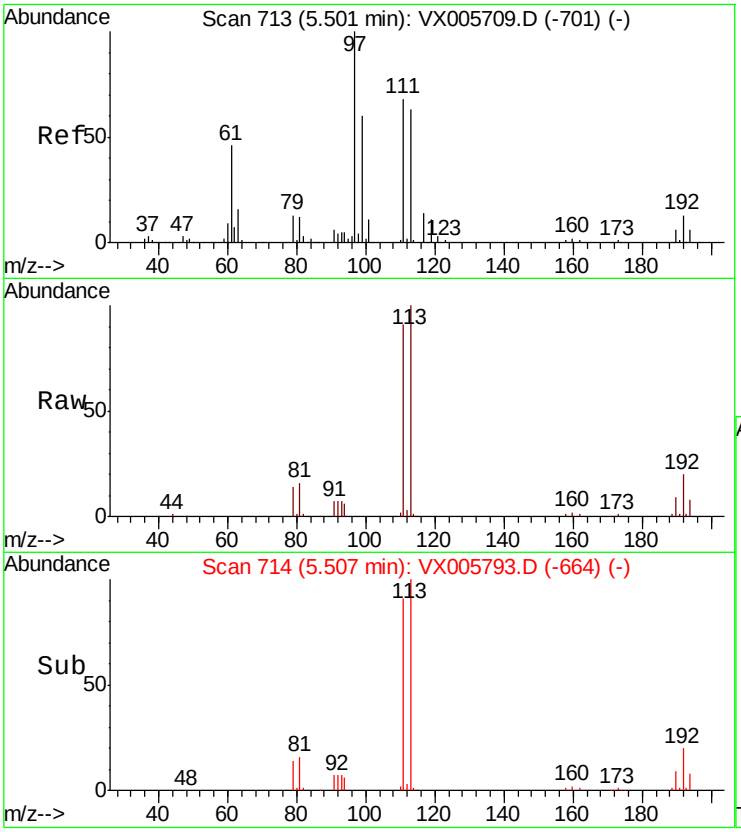


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Tgt Ion:114 Resp: 236243

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	42.8
88	13.0	0.0	31.2



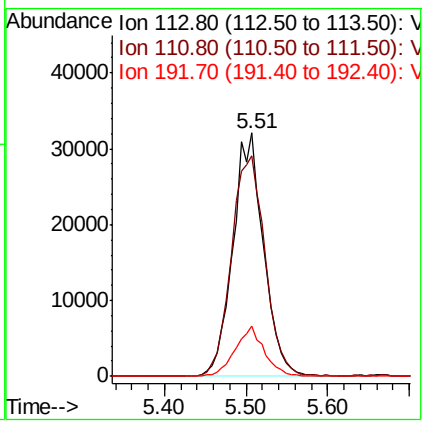


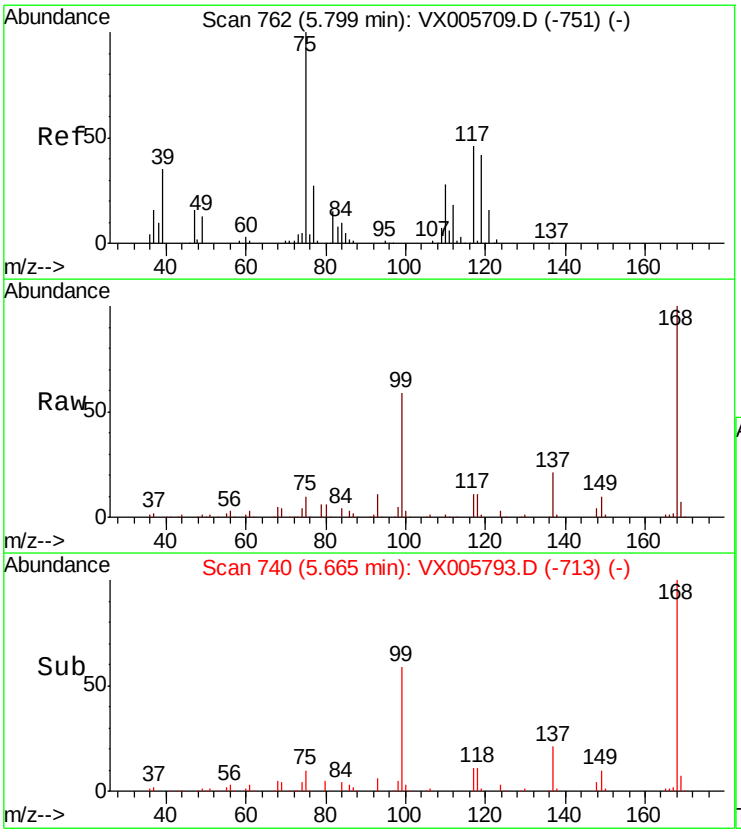
#35
Dibromofluoromethane
Concen: 50.963 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 83364

Ion	Ratio	Lower	Upper
113	100		
111	99.9	82.3	123.5
192	19.4	17.9	26.9

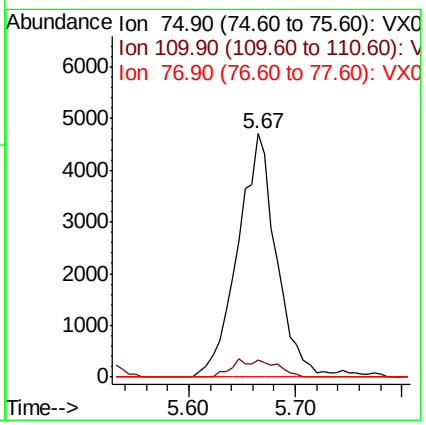


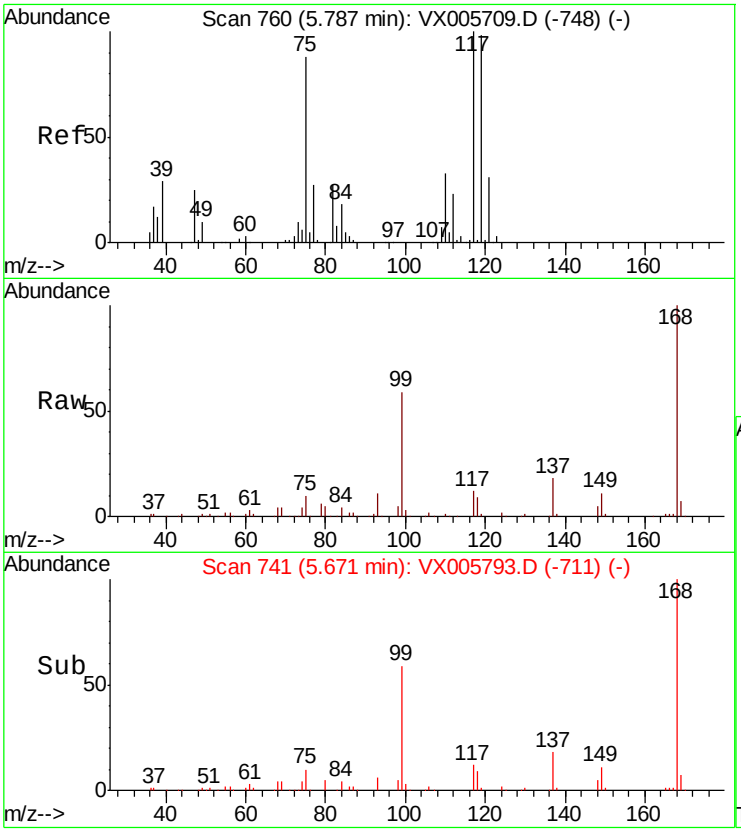


#36
1,1-Dichloropropene
Concen: 4.746 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Tgt Ion: 75 Resp: 11946

Ion	Ratio	Lower	Upper
75	100		
110	3.9	17.4	52.2#
77	0.0	25.8	38.6#



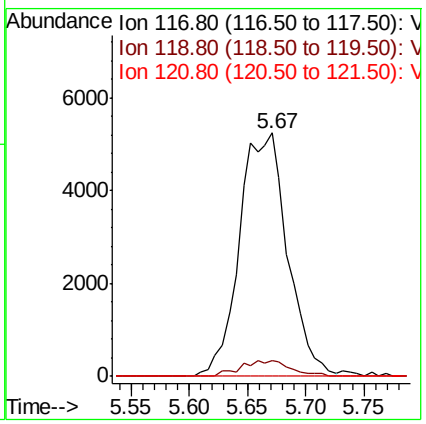


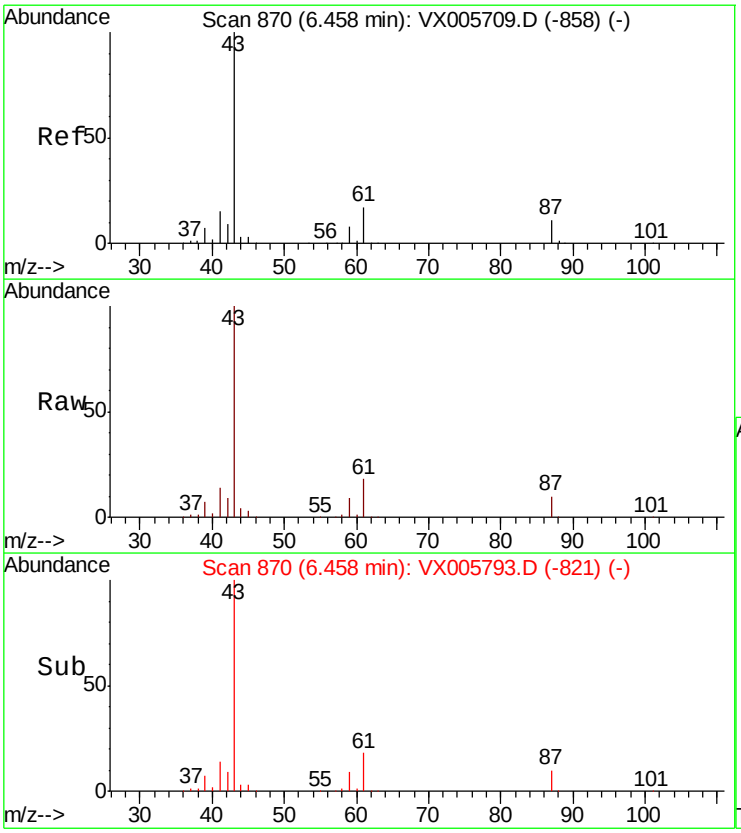
#38
Carbon Tetrachloride
Concen: 6.585 ug/l
RT: 5.67 min Scan# 741
Delta R.T. -0.12 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 14974

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

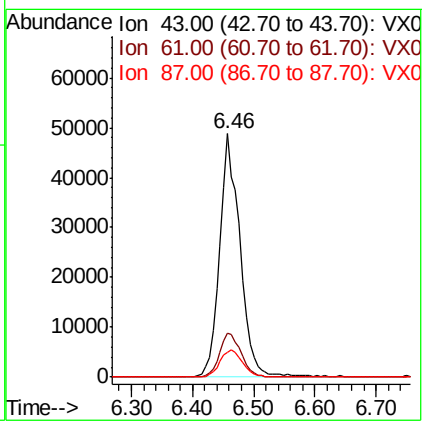


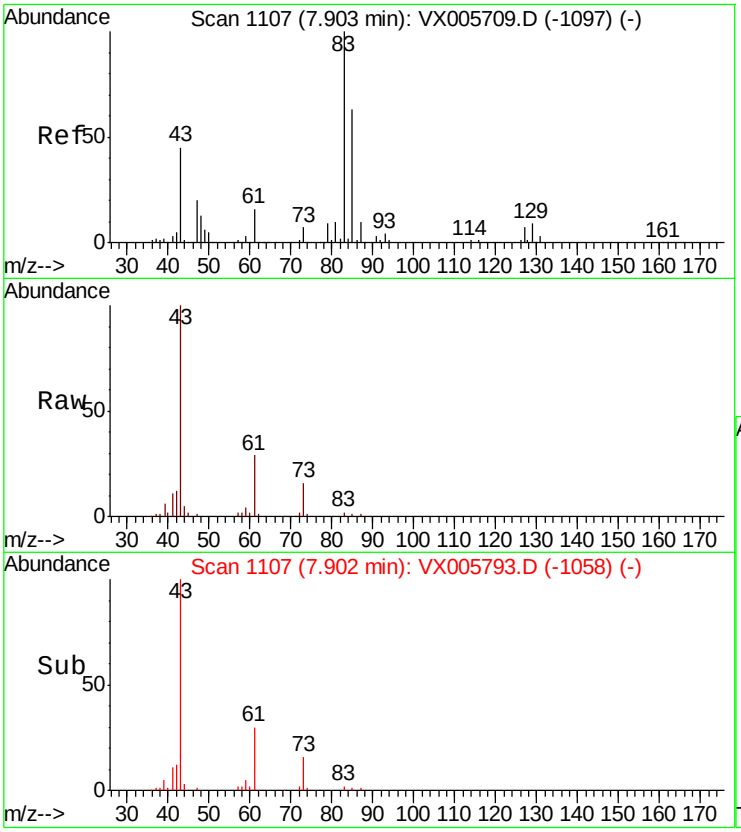


#43
Isopropyl Acetate
Concen: 24.238 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Tgt Ion: 43 Resp: 112964

Ion	Ratio	Lower	Upper
43	100		
61	19.1	14.6	22.0
87	12.4	9.6	14.4



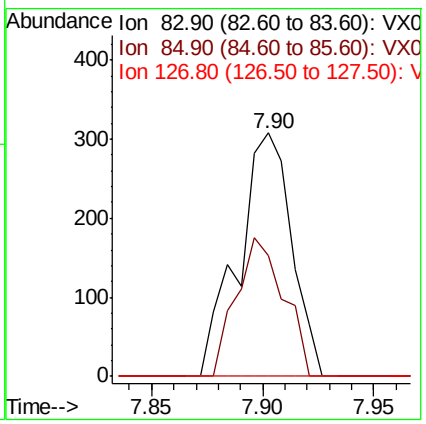


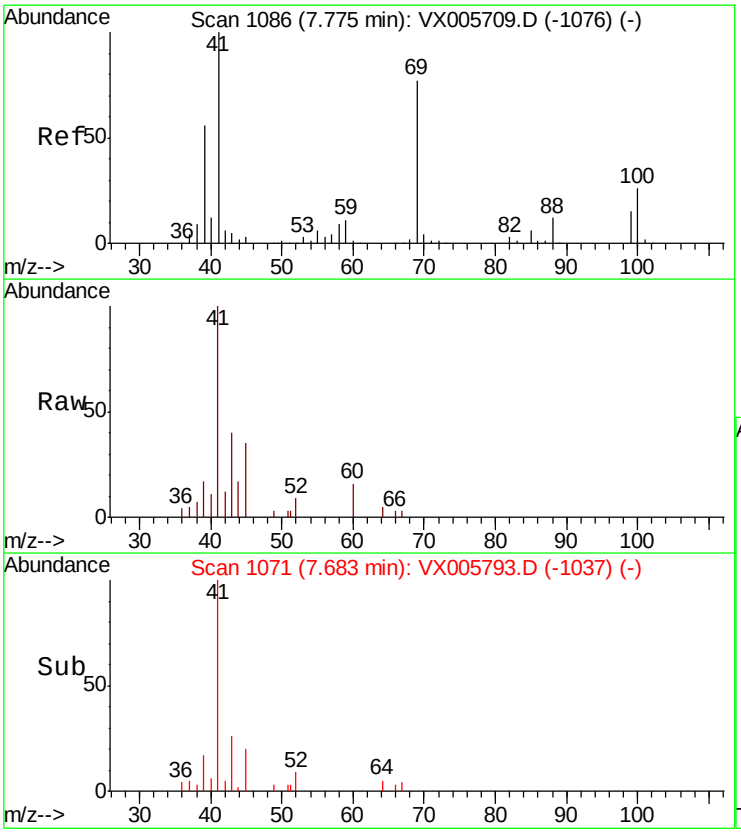
#47
Bromodichloromethane
Concen: 0.223 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 513

Ion	Ratio	Lower	Upper
83	100		
85	49.7	50.2	75.4#
127	0.0	6.9	10.3#

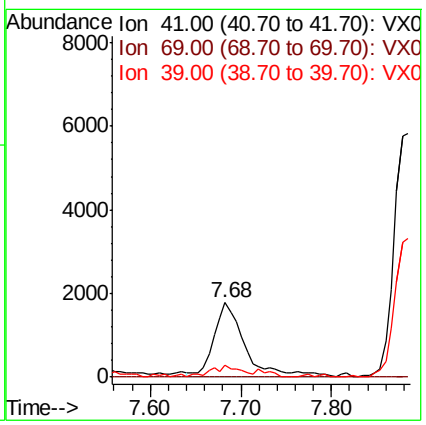


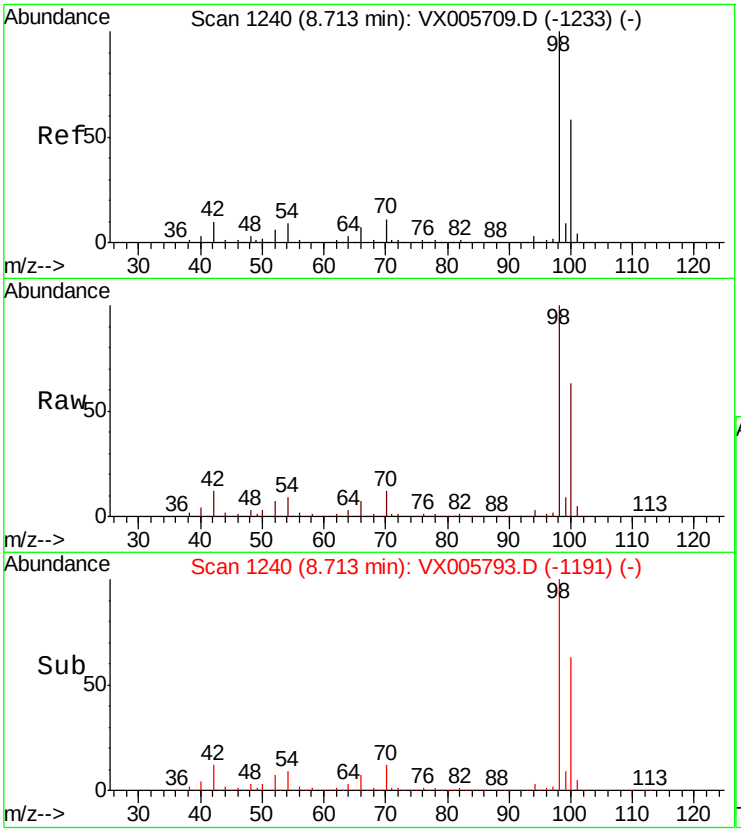


#48
Methyl methacrylate
Concen: 1.905 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Tgt Ion: 41 Resp: 4298

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.2	94.8#
39	14.5	42.2	63.2#



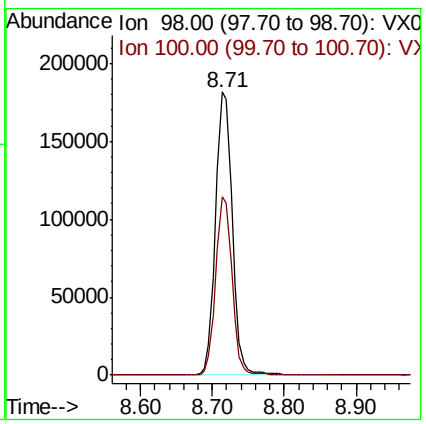


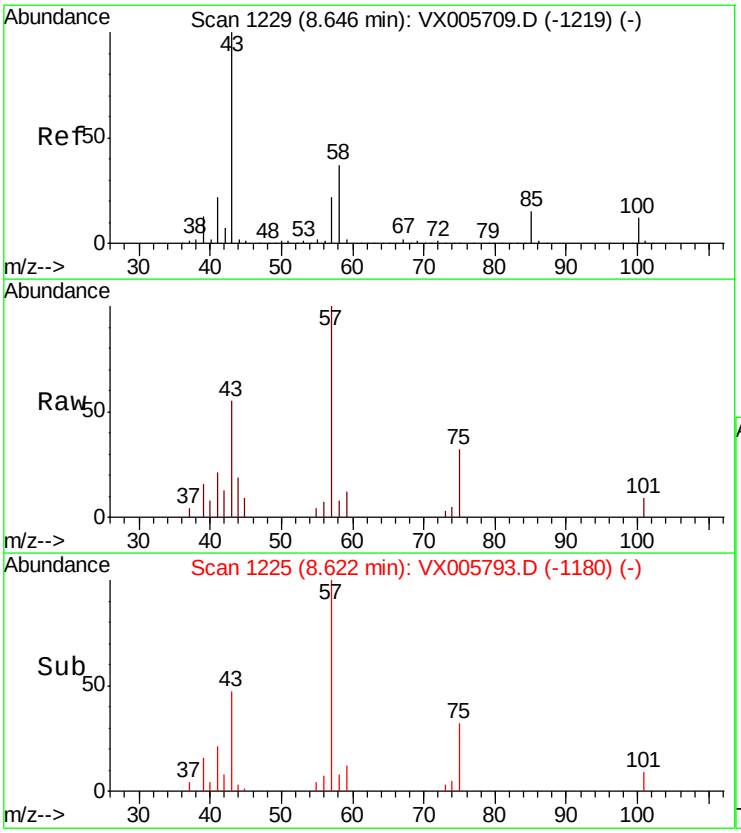
#50
Toluene-d8
Concen: 51.062 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 292950

Ion	Ratio	Lower	Upper
98	100		
100	61.9	51.3	76.9

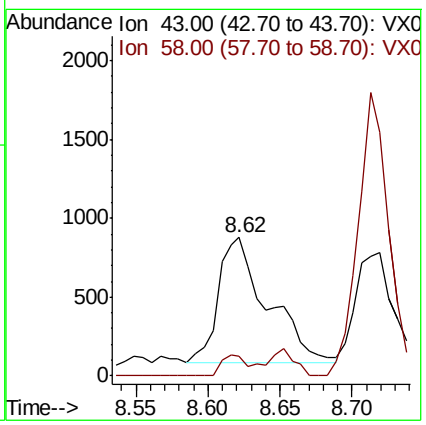


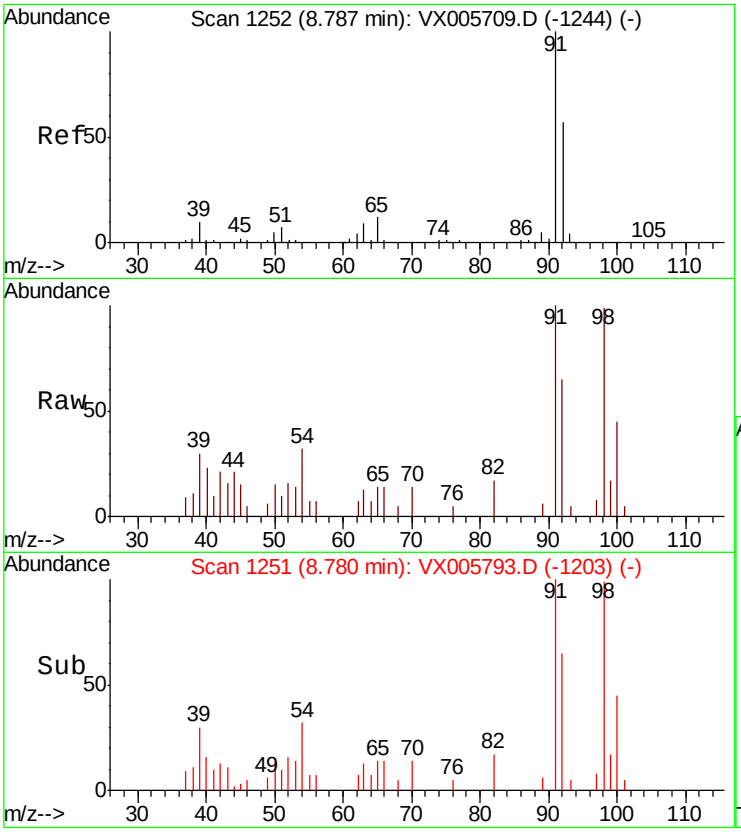


#51
4-Methyl-2-Pentanone
Concen: 0.596 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Tgt Ion: 43 Resp: 1894

Ion	Ratio	Lower	Upper
43	100		
58	8.1	29.7	44.5#



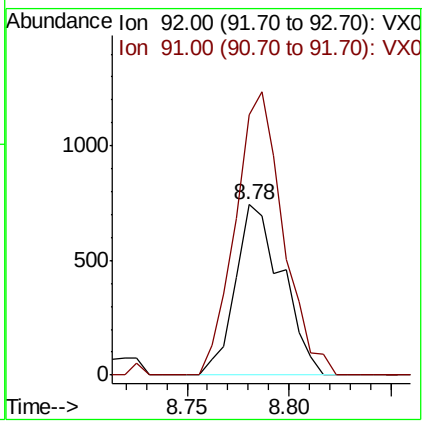


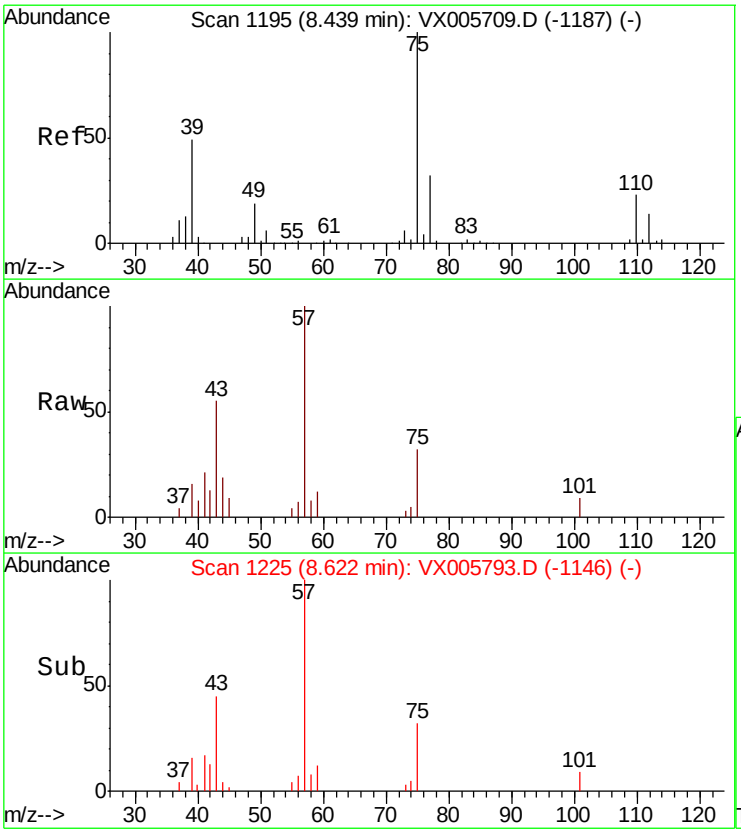
#52
Toluene
Concen: 0.292 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 92 Resp: 1182

Ion	Ratio	Lower	Upper
92	100		
91	170.5	140.4	210.6

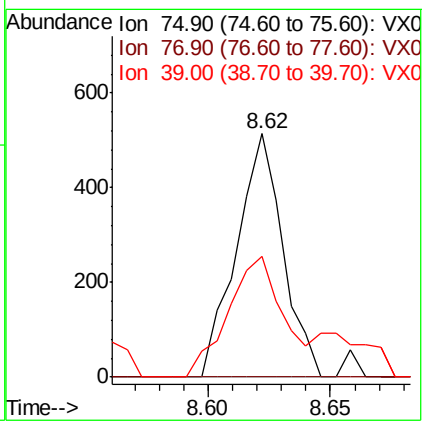


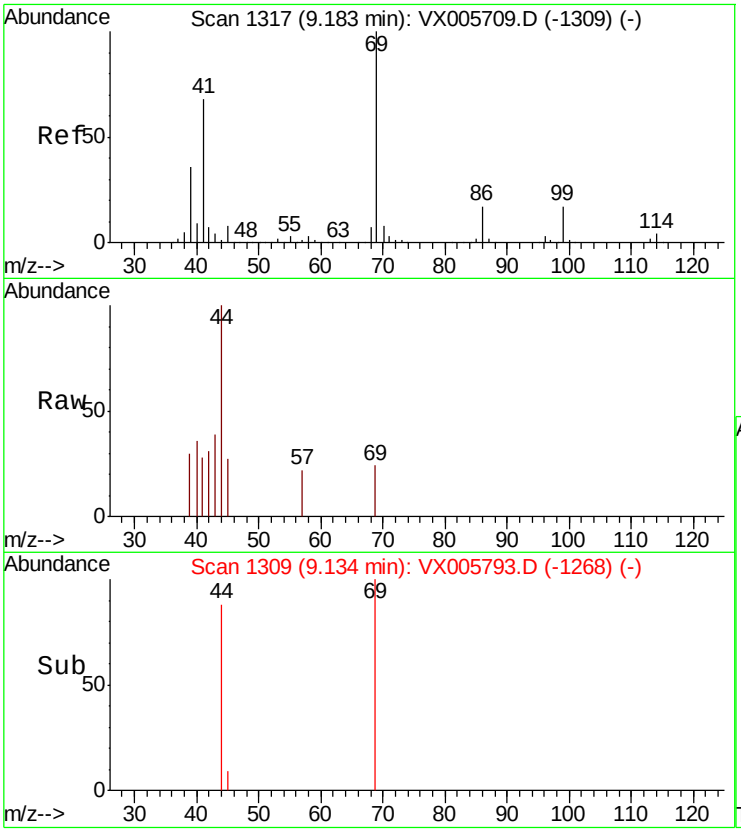


#54
cis-1,3-Dichloropropene
Concen: 0.255 ug/l
RT: 8.62 min Scan# 1225
Delta R.T. 0.18 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Tgt Ion: 75 Resp: 681

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.2	37.8#
39	49.6	38.2	57.2



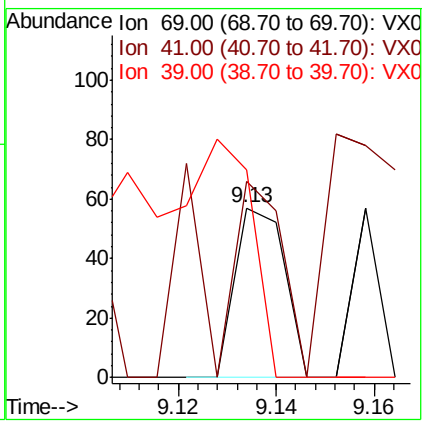


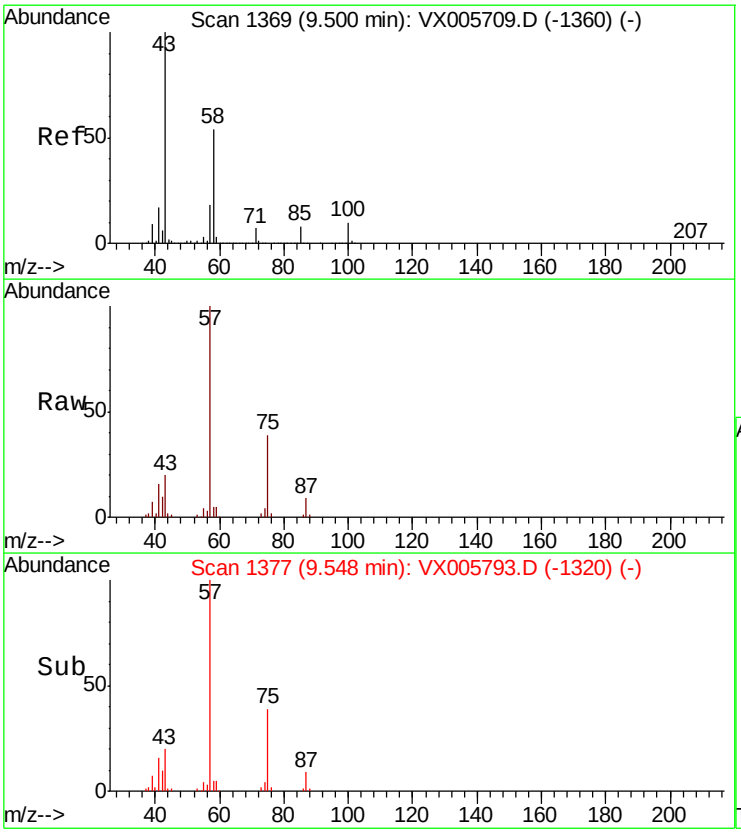
#56
Ethyl methacrylate
Concen: 2.484 ug/l
RT: 9.13 min Scan# 1309
Delta R.T. -0.05 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 69 Resp: 40

Ion	Ratio	Lower	Upper
69	100		
41	112.5	57.0	85.6#
39	0.0	28.3	42.5#

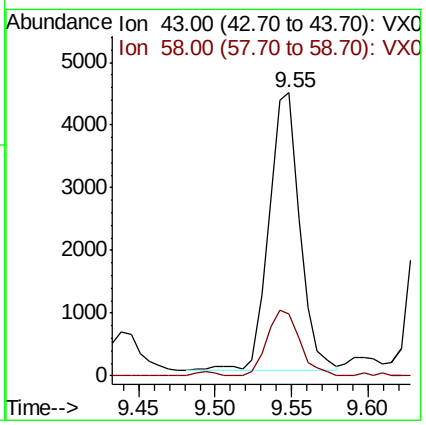


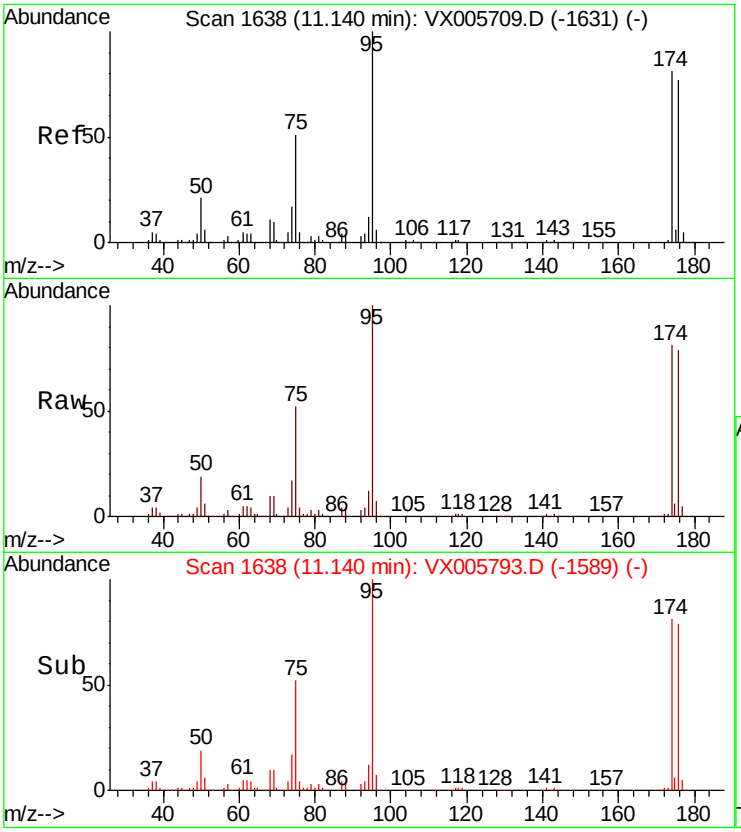


#59
2-Hexanone
Concen: 2.388 ug/l
RT: 9.55 min Scan# 1377
Delta R.T. 0.05 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Tgt Ion: 43 Resp: 6175

Ion	Ratio	Lower	Upper
43	100		
58	25.1	25.9	77.8#



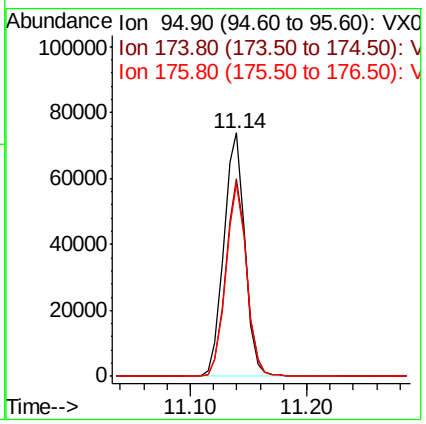


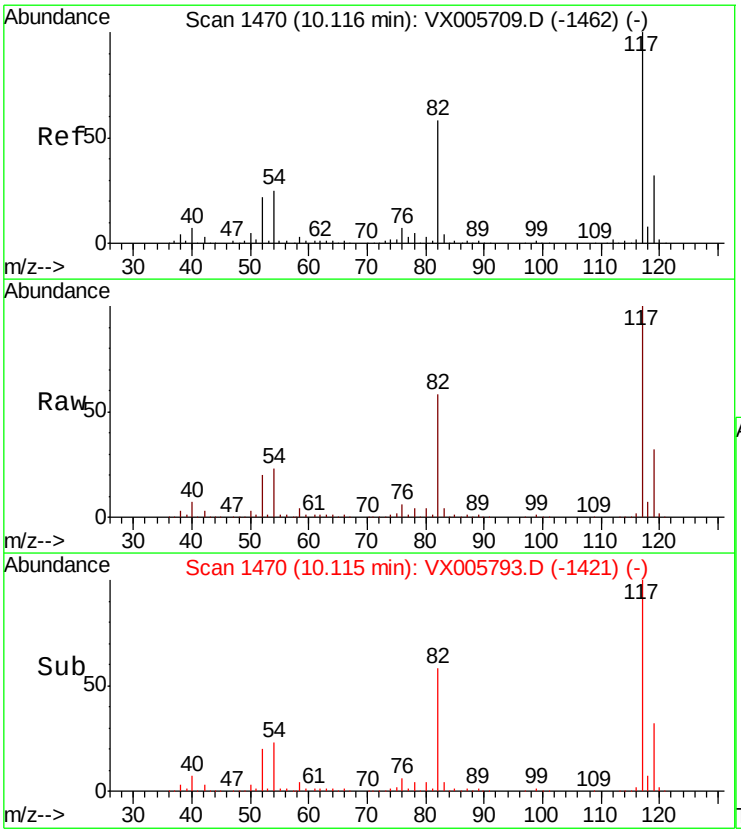
#62
4-Bromofluorobenzene
Concen: 43.692 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 92515

Ion	Ratio	Lower	Upper
95	100		
174	80.7	0.0	184.4
176	78.1	0.0	177.4

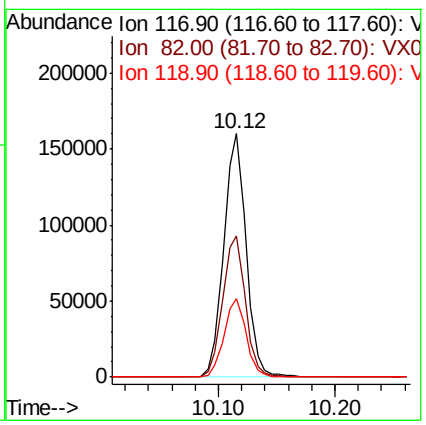


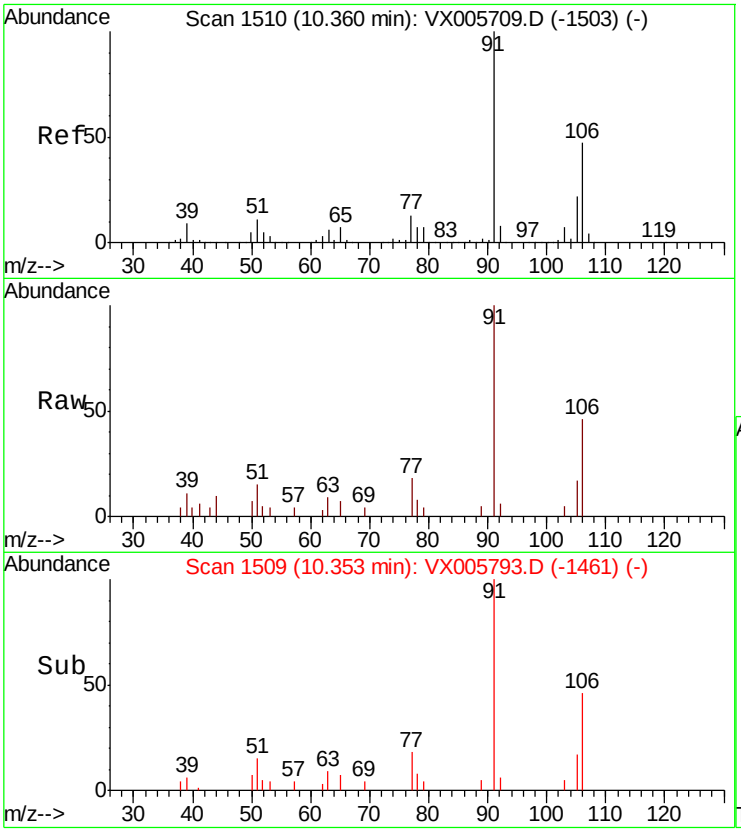


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Tgt Ion:117 Resp: 212632

Ion	Ratio	Lower	Upper
117	100		
82	58.1	44.1	66.1
119	32.0	26.2	39.2



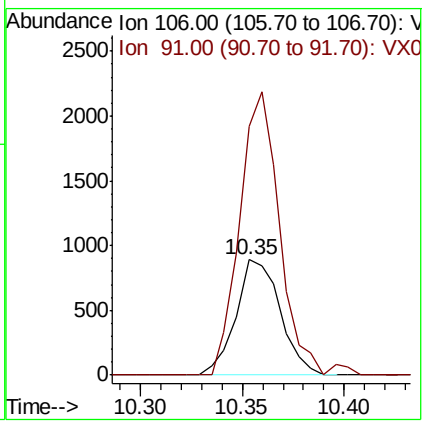


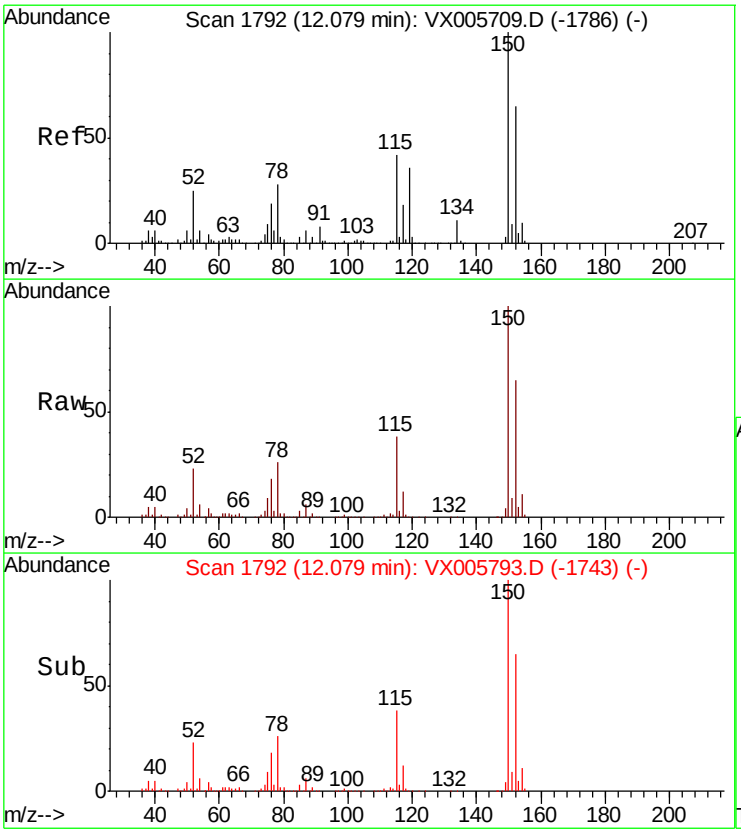
#68
m/p-Xylenes
Concen: 0.469 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 1343

Ion	Ratio	Lower	Upper
106	100		
91	223.0	164.2	246.4

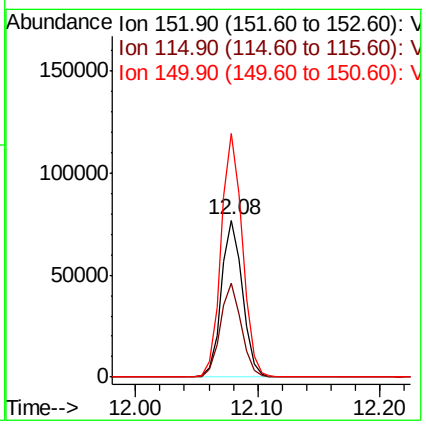


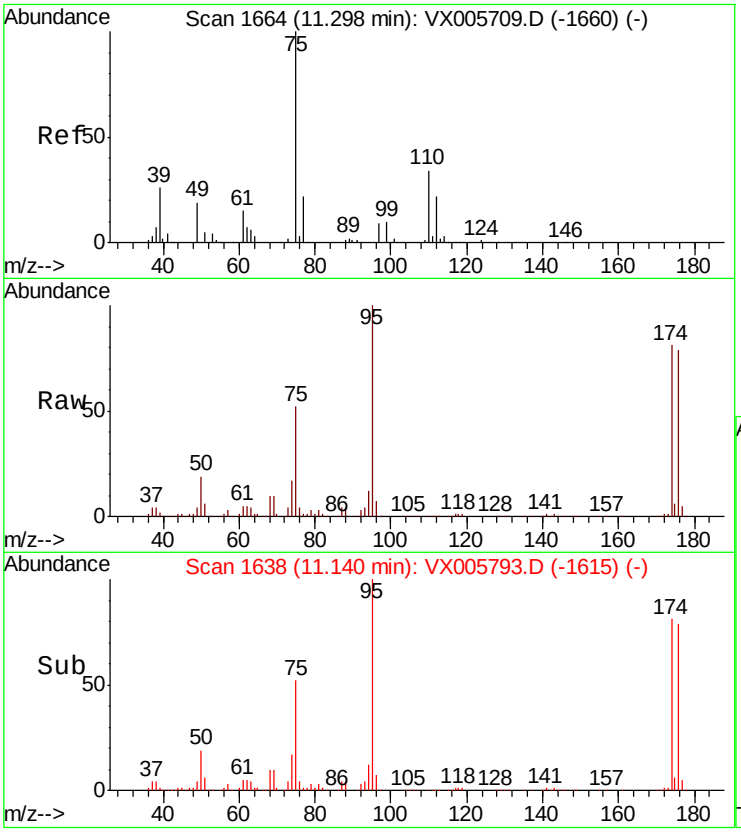


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Tgt Ion:152 Resp: 91805

Ion	Ratio	Lower	Upper
152	100		
115	59.8	39.4	118.1
150	156.8	0.0	346.4



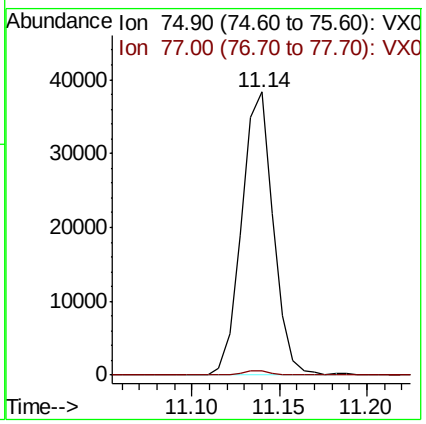


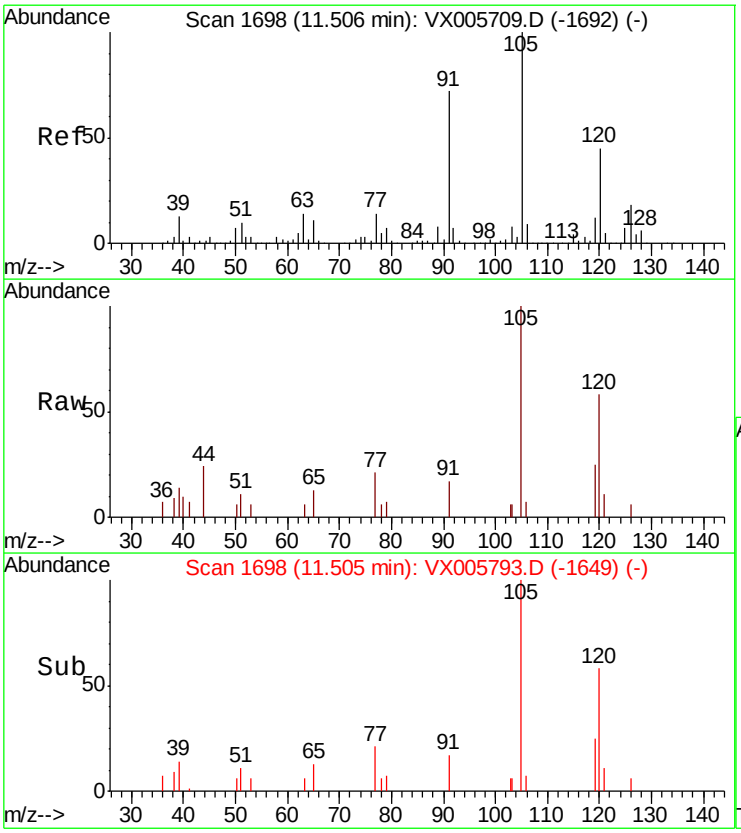
#76
1,2,3-Trichloropropane
Concen: 21.139 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 48334

Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.5	61.6#

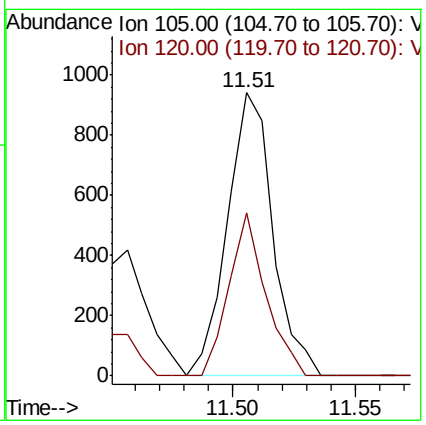


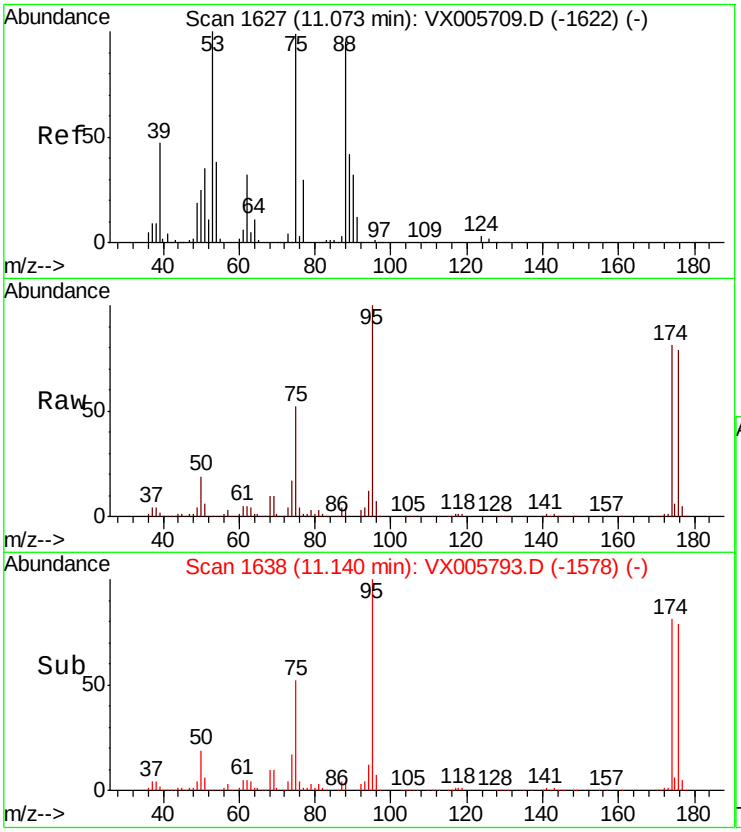


#80
1,3,5-Trimethylbenzene
Concen: 0.237 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Tgt Ion:105 Resp: 1218

Ion	Ratio	Lower	Upper
105	100		
120	46.8	24.1	72.2



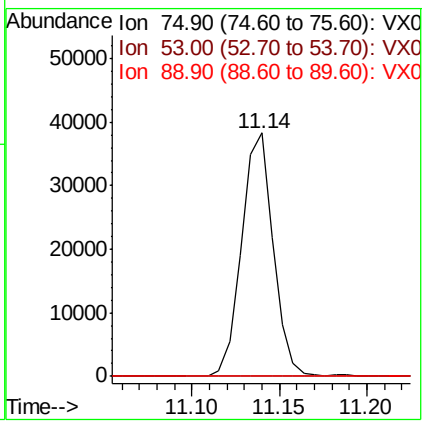


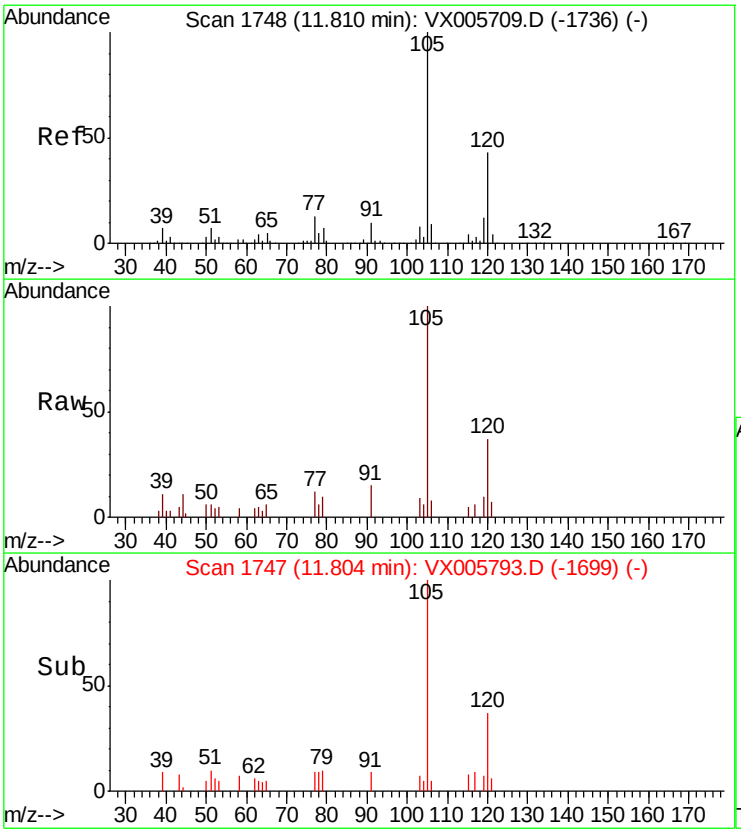
#81
trans-1,4-Dichloro-2-butene
Concen: 68.298 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 48334

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

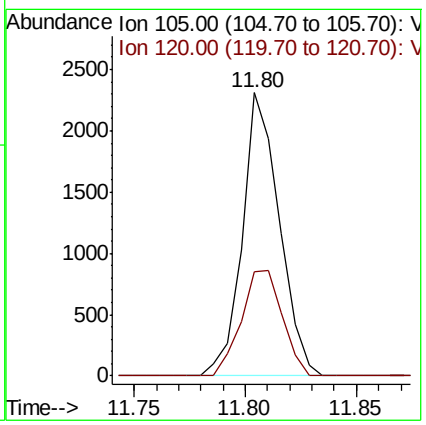


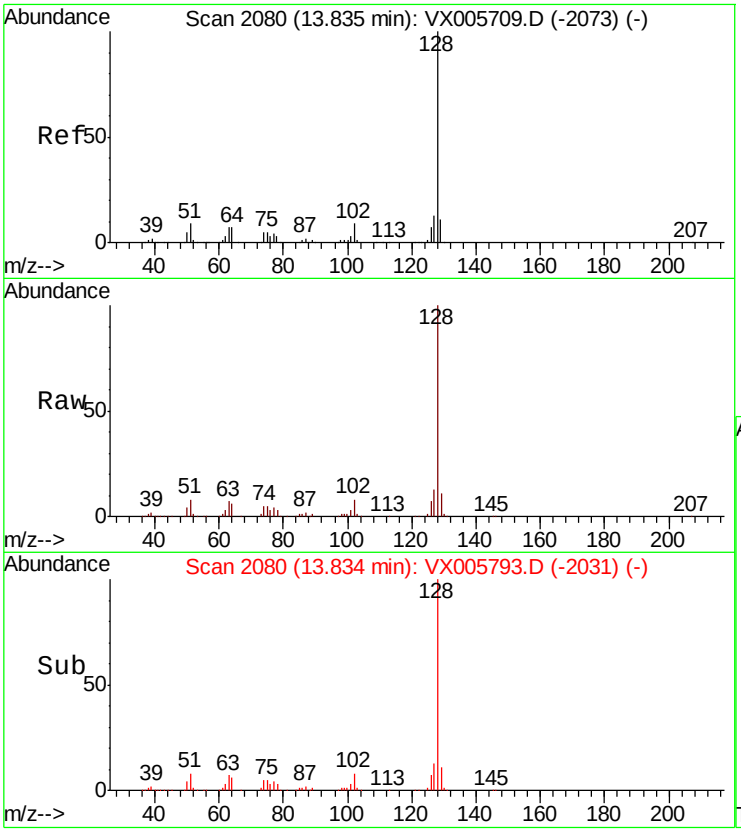


#84
1,2,4-Trimethylbenzene
Concen: 0.515 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Tgt Ion:105 Resp: 2677

Ion	Ratio	Lower	Upper
105	100		
120	41.5	22.4	67.0





#95
Naphthalene
Concen: 10.670 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005793.D
Acq: 05 Nov 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 68309

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.5	8.7	13.1