Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110518\
Data File : VX005783.D
Acq On : 05 Nov 2018 17:24
Operator : JC/MD
Sample : J5771-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Nov 06 00:46:26 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	5.67	168	140766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	248107	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	228074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	93572	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	111970	54.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.82%			
35) Dibromofluoromethane	5.50	113	83770	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.52%			
50) Toluene-d8	8.71	98	297930	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.90%			
62) 4-Bromofluorobenzene	11.14	95	94195	42.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.72%			
Target Compounds						Qvalue
6) Chloroethane	1.73	64	73	Below Cal	#	28
8) Diethyl Ether	2.19	74	344	0.299	ug/l	83
10) Methyl Iodide	2.52	142	239	2.092	ug/l #	50
11) Tert butyl alcohol	3.04	59	228	0.408	ug/l #	72
13) Acrolein	2.28	56	409	13.156	ug/l	98
15) Acrylonitrile	3.14	53	361	0.294	ug/l #	86
16) Acetone	2.45	43	15042	5.085	ug/l	96
17) Carbon Disulfide	2.57	76	1121	0.241	ug/l #	55
18) Methyl Acetate	2.78	43	4619	1.564	ug/l	96
20) Methylene Chloride	2.85	84	17229	9.708	ug/l	90
25) 2-Butanone	4.71	43	1295	0.746	ug/l	95
29) Tetrahydrofuran	5.17	42	615	0.580	ug/l #	36
30) Chloroform	5.21	83	961	0.299	ug/l	96
31) Cyclohexane	5.67	56	3474	1.263	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	12413	4.696	ug/l #	41
38) Carbon Tetrachloride	5.67	117	14772	6.185	ug/l #	16
43) Isopropyl Acetate	6.46	43	102262	20.892	ug/l	97
48) Methyl methacrylate	7.68	41	4106	1.733	ug/l #	26
51) 4-Methyl-2-Pentanone	8.62	43	1322	0.396	ug/l #	38
56) Ethyl methacrylate	9.41	69	172	2.523	ug/l #	1
59) 2-Hexanone	9.54	43	5319	1.958	ug/l	65
64) Tetrachloroethene	9.33	164	505	0.303	ug/l	92
76) 1,2,3-Trichloropropane	11.14	75	49288	21.149	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	49288	68.331	ug/l #	9
95) Naphthalene	13.83	128	10241	1.570	ug/l	99

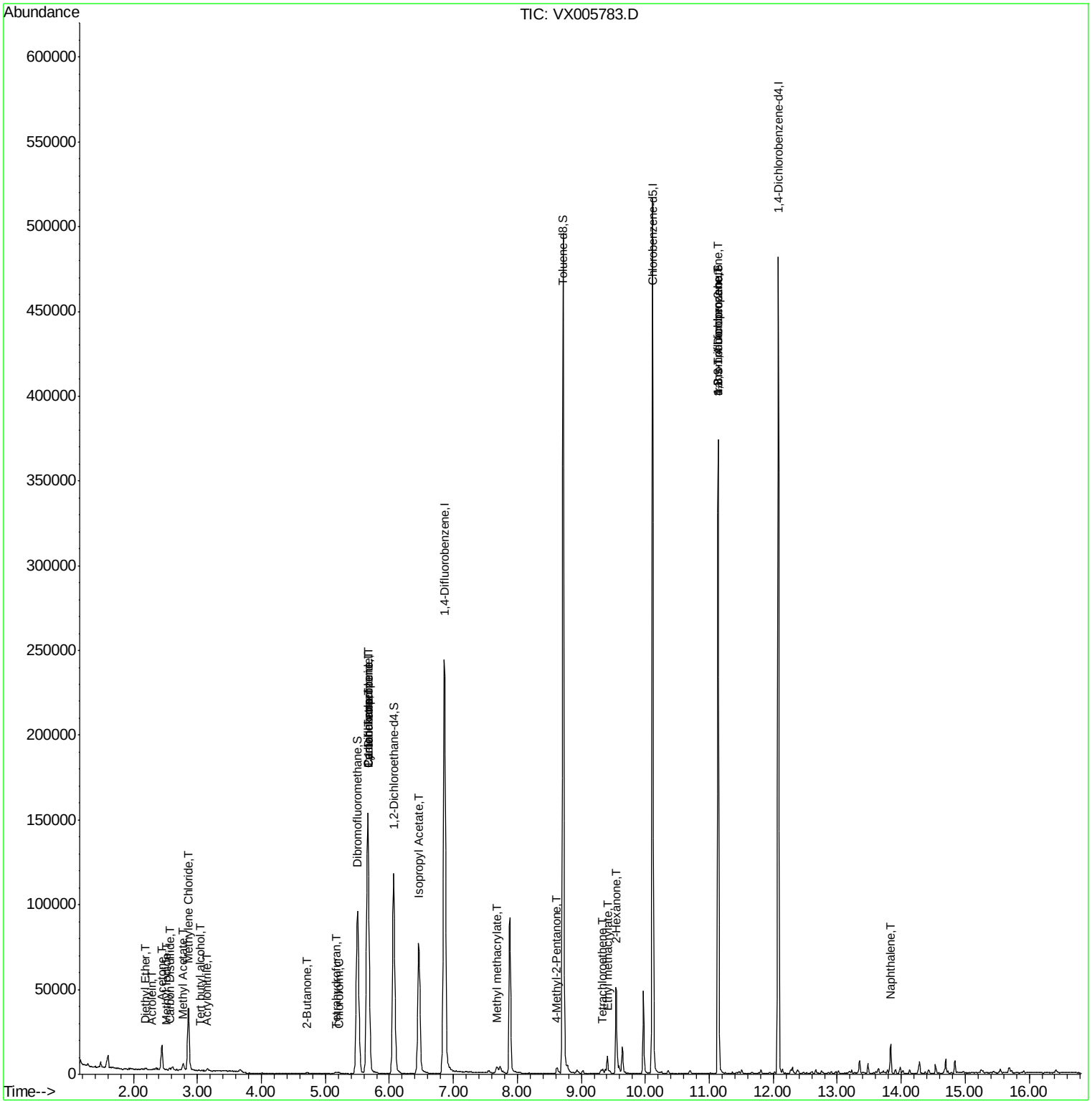
(#) = qualifier out of range (m) = manual integration (+) = signals summed

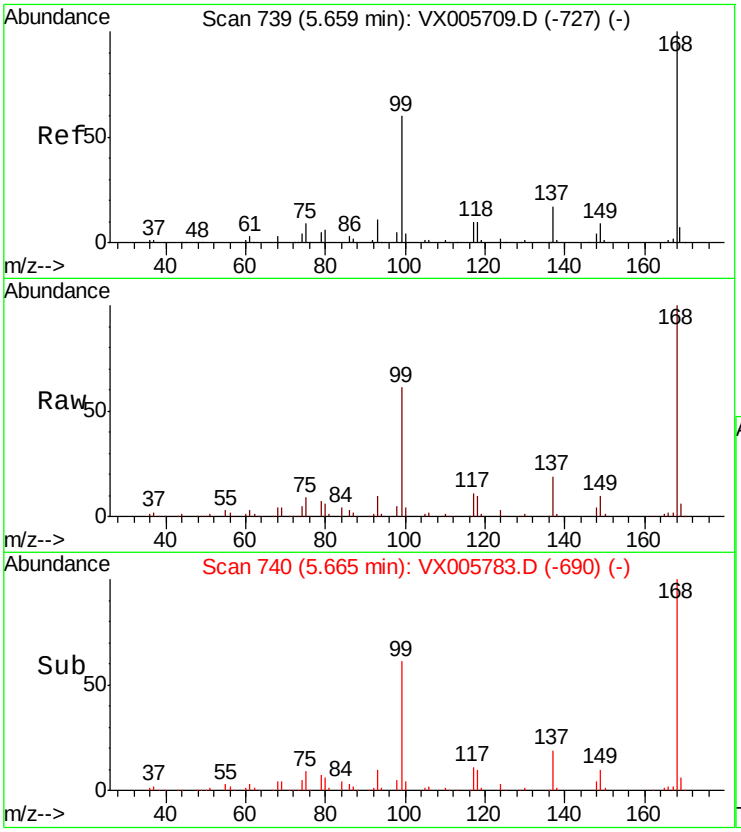
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110518\
Data File : VX005783.D
Acq On : 05 Nov 2018 17:24
Operator : JC/MD
Sample : J5771-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 06 00:46:26 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



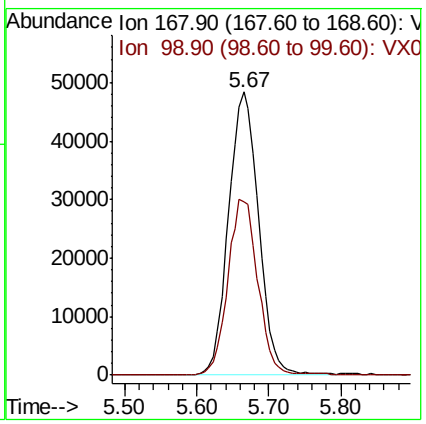


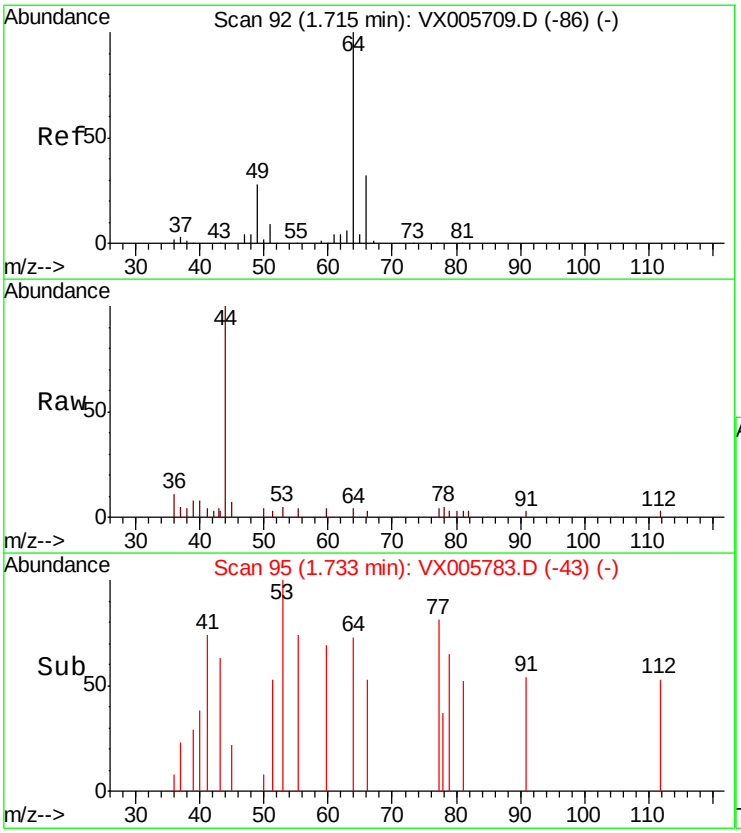
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 140766

Ion	Ratio	Lower	Upper
168	100		
99	61.3	40.7	61.1#

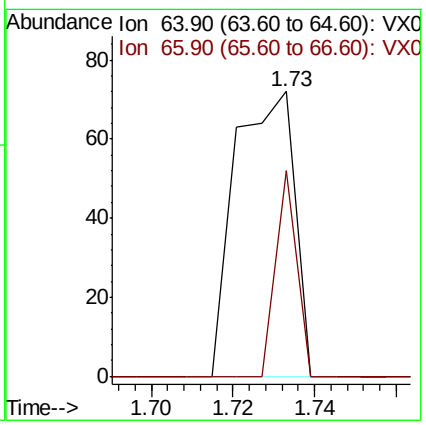


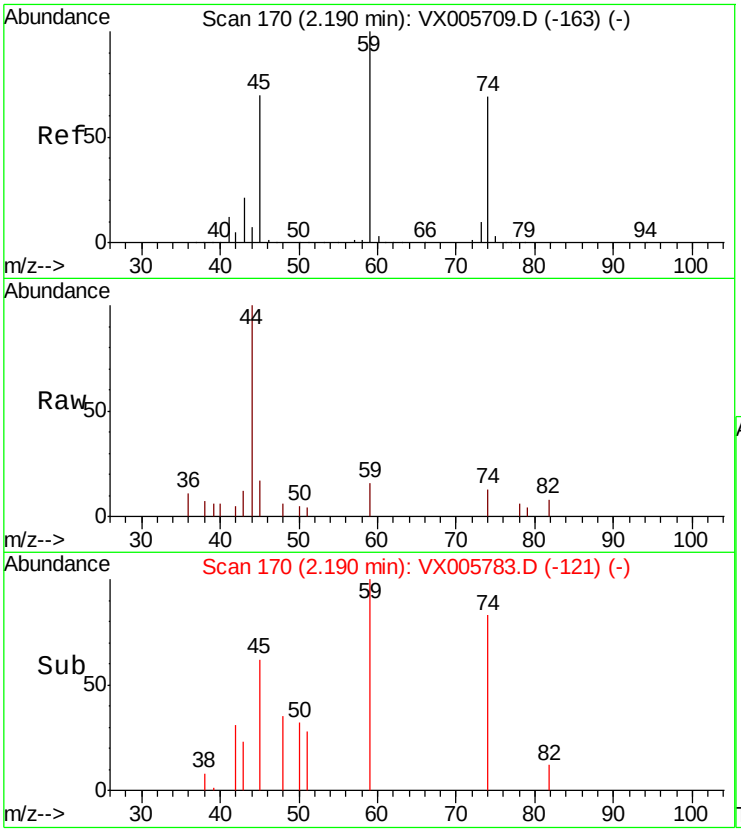


#6
Chloroethane
Concen: Below Cal
RT: 1.73 min Scan# 95
Delta R.T. 0.02 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Tgt Ion: 64 Resp: 73

Ion	Ratio	Lower	Upper
64	100		
66	72.2	25.8	38.6#



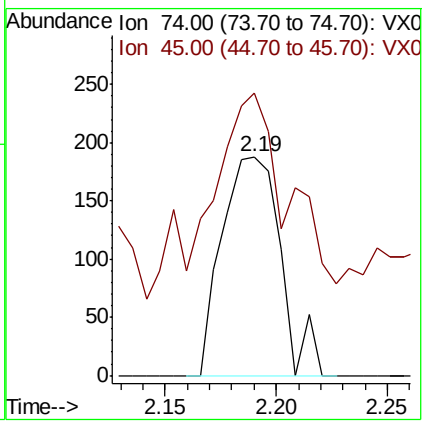


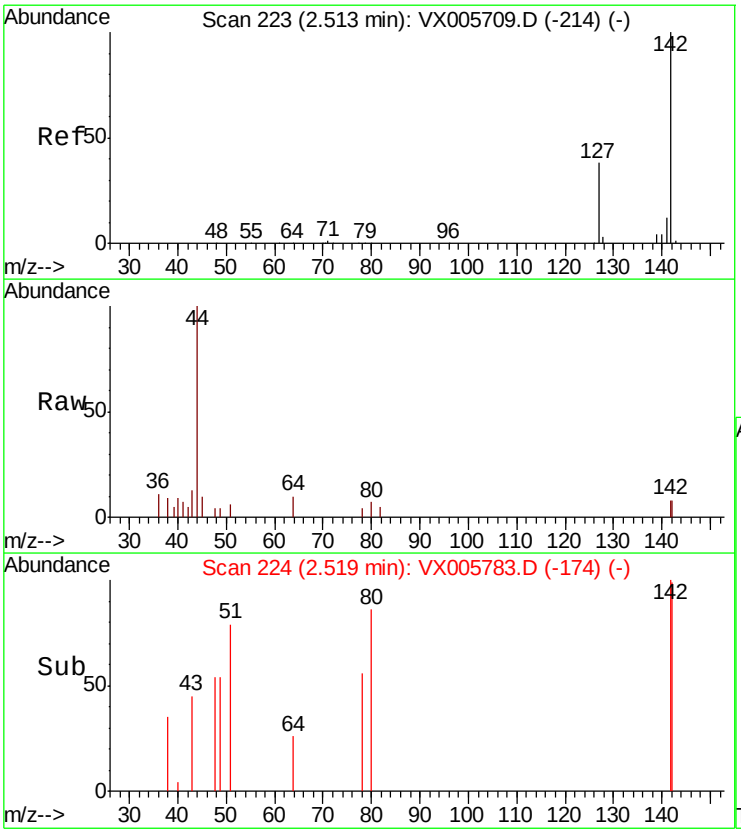
#8
Diethyl Ether
Concen: 0.299 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 74 Resp: 344

Ion	Ratio	Lower	Upper
74	100		
45	125.6	54.1	162.3

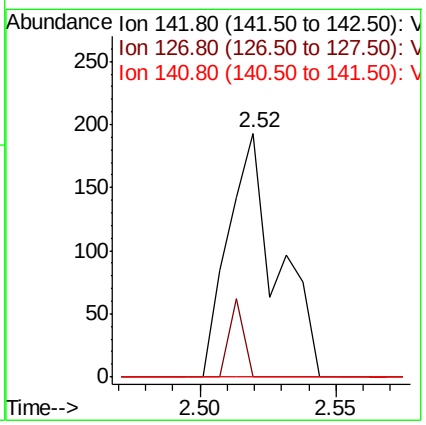


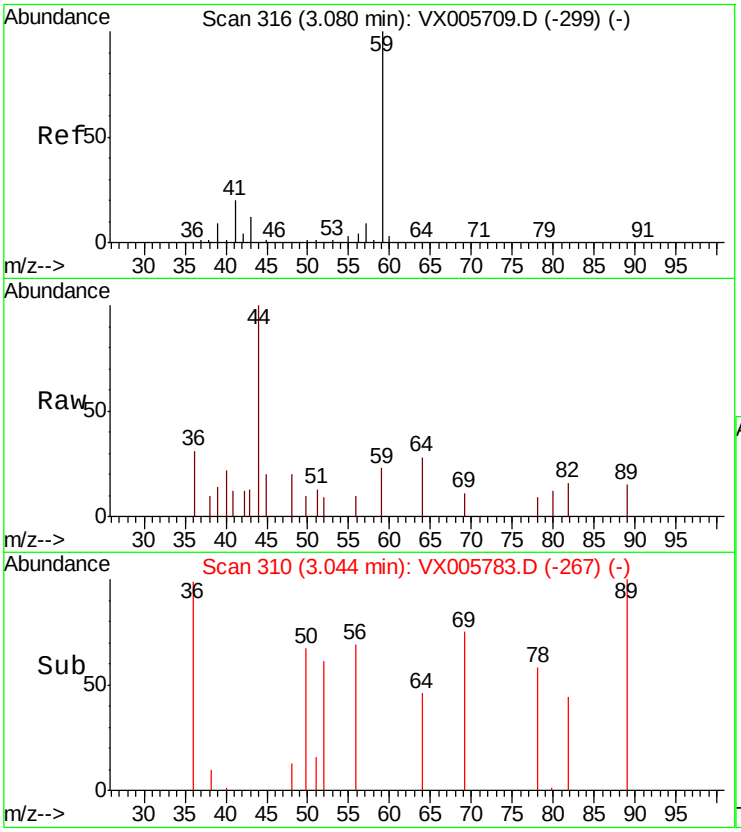


#10
Methyl Iodide
Concen: 2.092 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Tgt Ion:142 Resp: 239

Ion	Ratio	Lower	Upper
142	100		
127	9.6	36.0	54.0#
141	0.0	11.7	17.5#



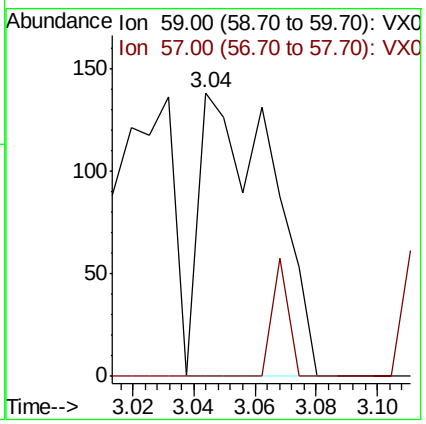


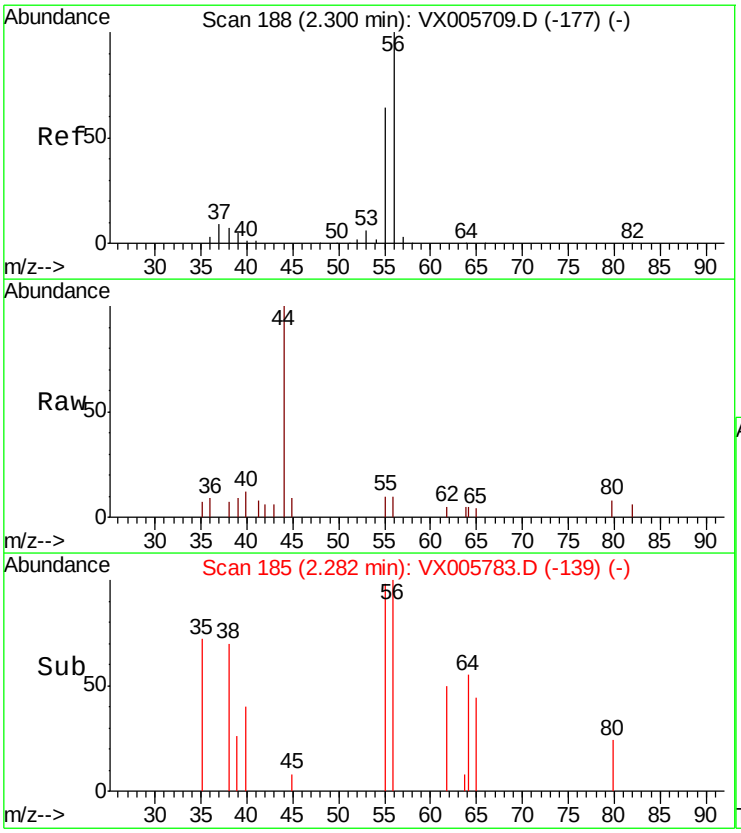
#11
Tert butyl alcohol
Concen: 0.408 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.04 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 228

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#

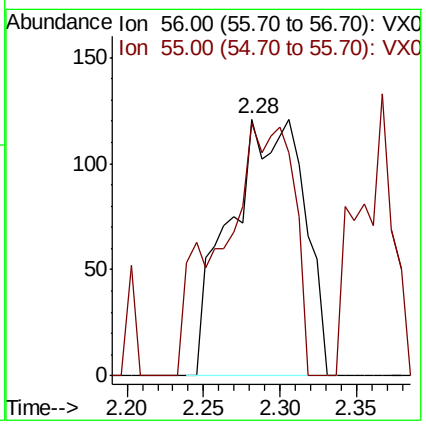


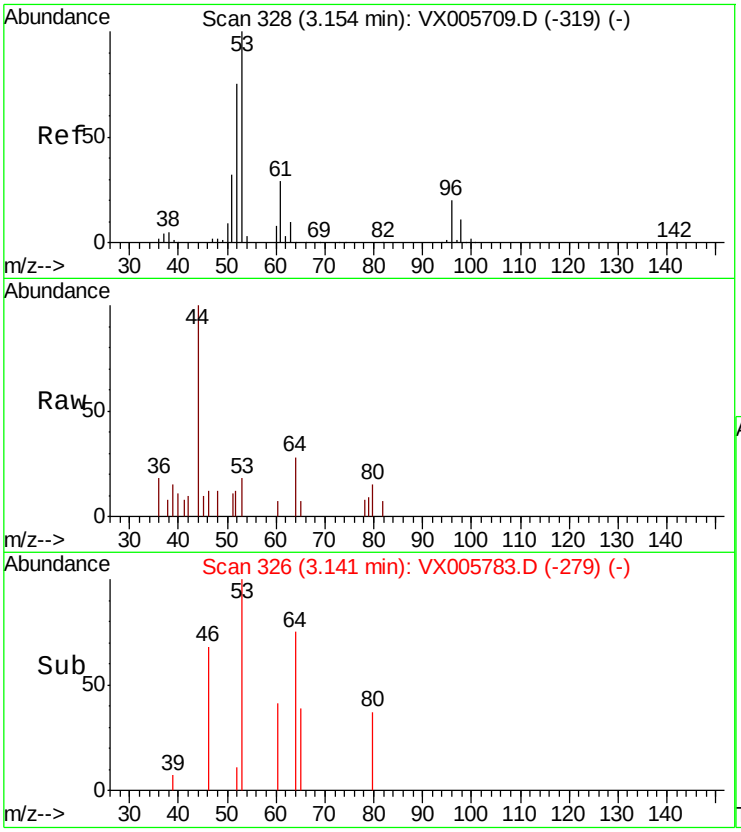


#13
Acrolein
Concen: 13.156 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.02 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Tgt Ion: 56 Resp: 409

Ion	Ratio	Lower	Upper
56	100		
55	69.9	57.3	85.9



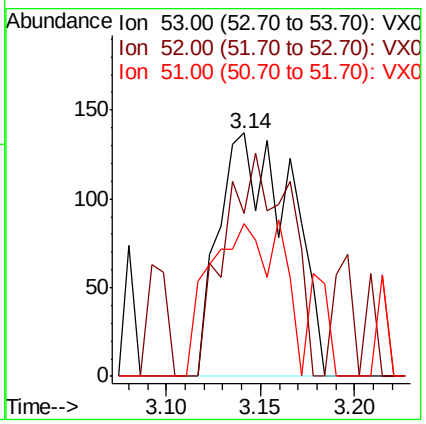


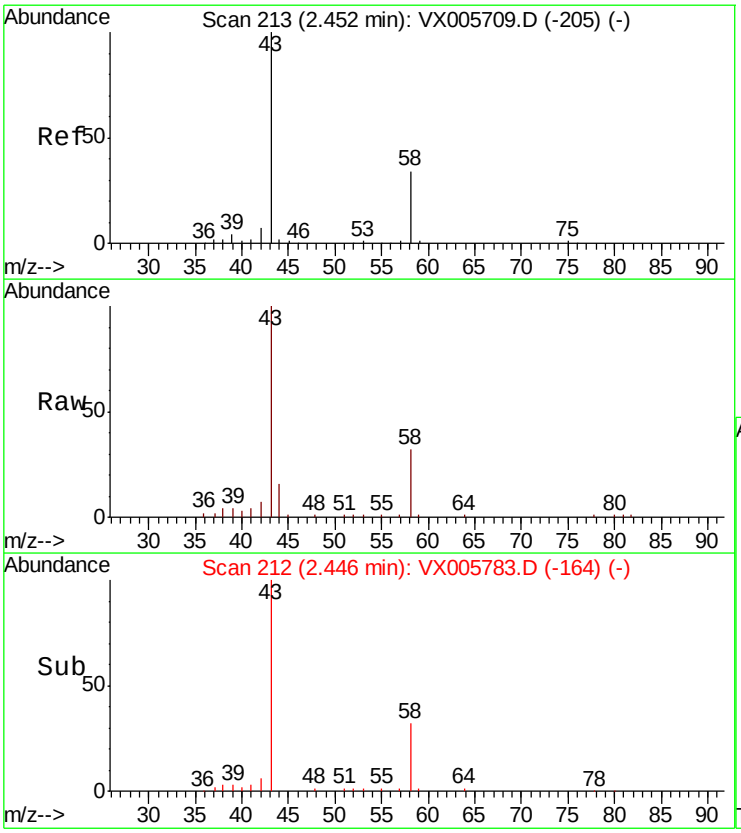
#15
Acrylonitrile
Concen: 0.294 ug/l
RT: 3.14 min Scan# 326
Delta R.T. -0.01 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 361

Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.6	99.8
51	63.2	28.4	42.6#

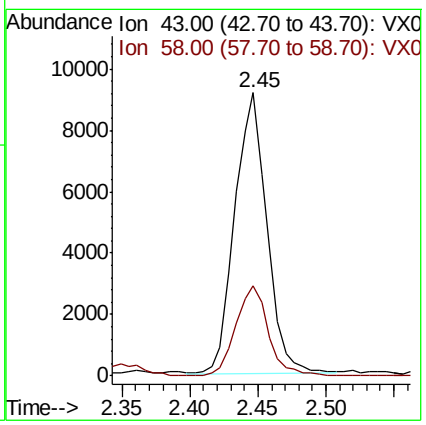


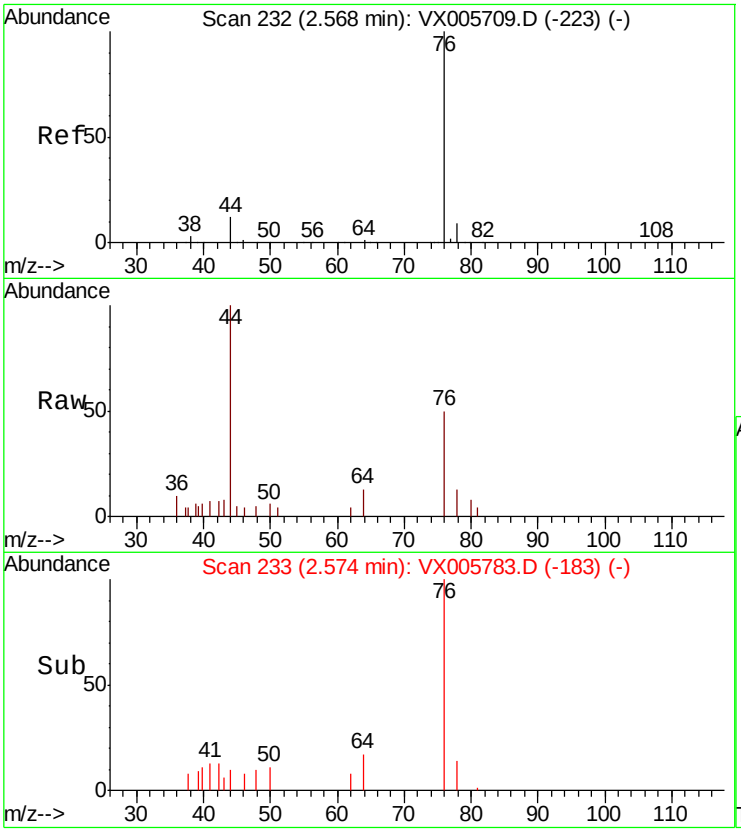


#16
Acetone
Concen: 5.085 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Tgt Ion: 43 Resp: 15042

Ion	Ratio	Lower	Upper
43	100		
58	32.0	23.8	35.6



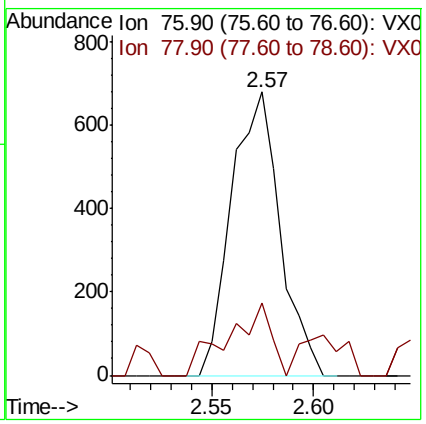


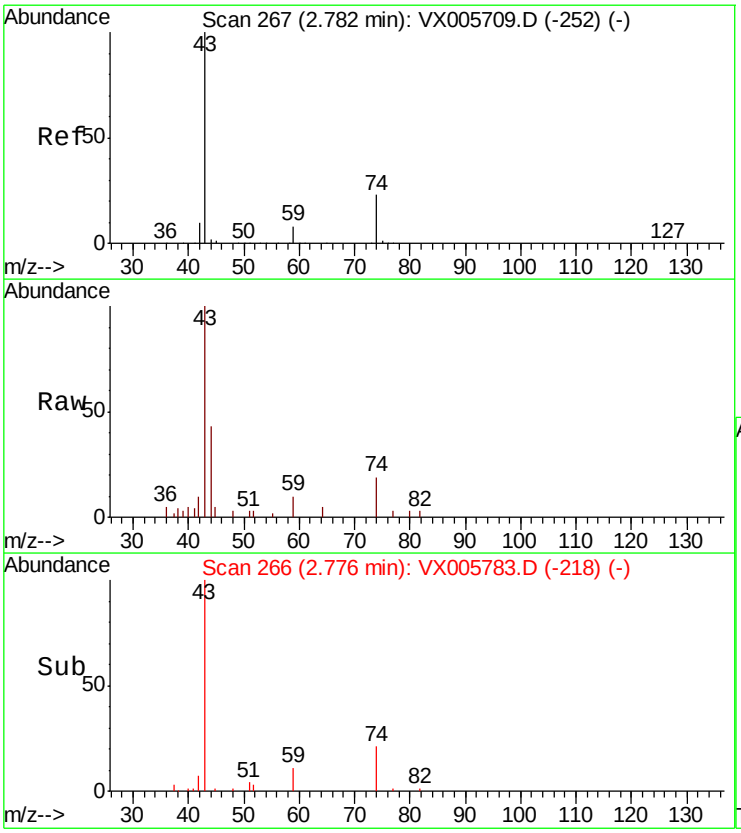
#17
Carbon Disulfide
Concen: 0.241 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 1121

Ion	Ratio	Lower	Upper
76	100		
78	25.5	7.3	10.9#

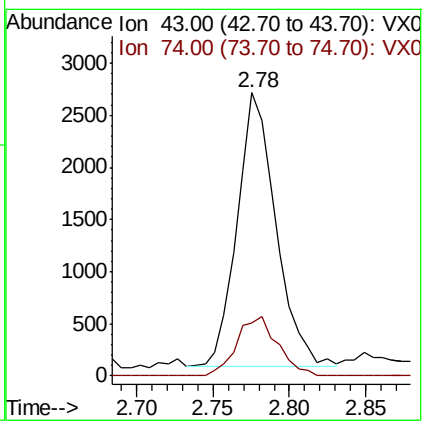


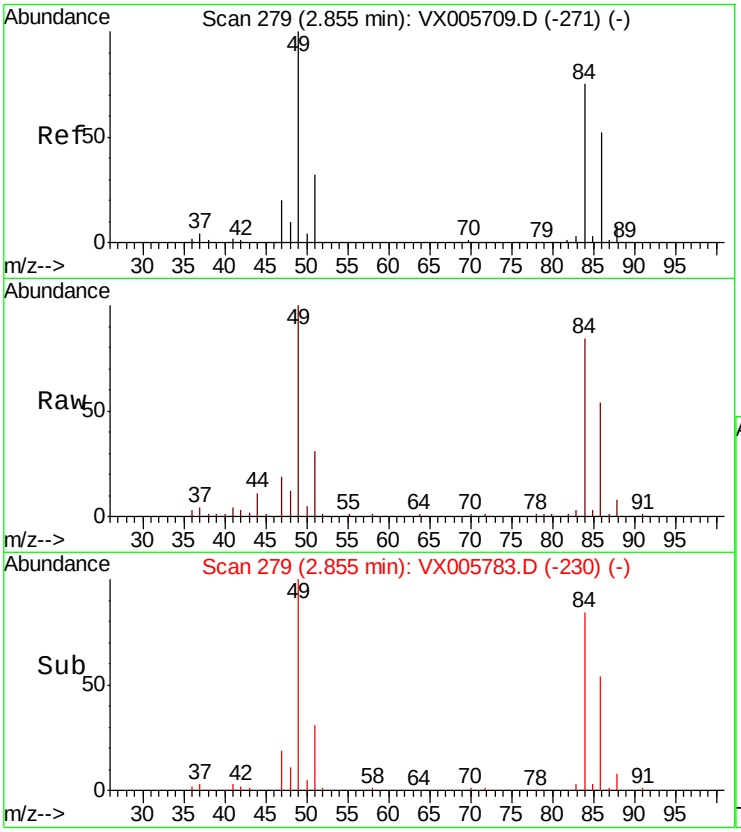


#18
Methyl Acetate
Concen: 1.564 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Tgt Ion: 43 Resp: 4619

Ion	Ratio	Lower	Upper
43	100		
74	23.0	16.8	25.2



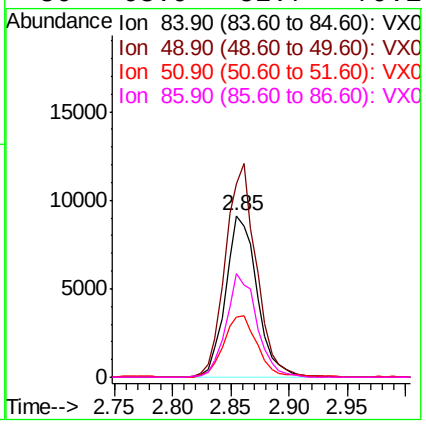


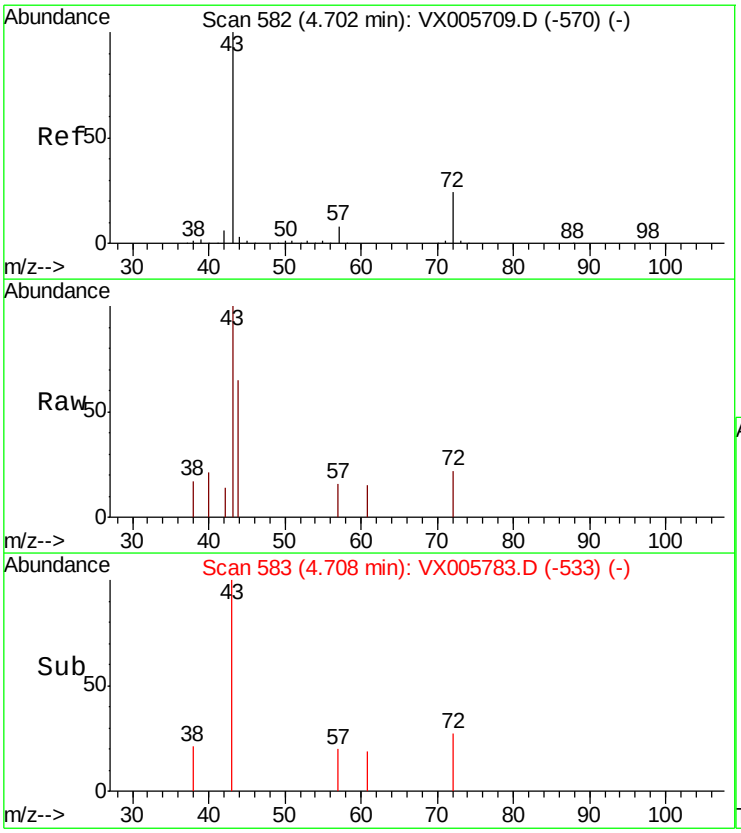
#20
Methylene Chloride
Concen: 9.708 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 17229

Ion	Ratio	Lower	Upper
84	100		
49	119.1	109.5	164.3
51	37.2	33.3	49.9
86	63.9	52.7	79.1

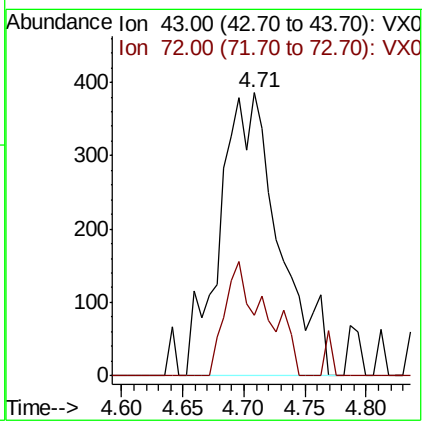


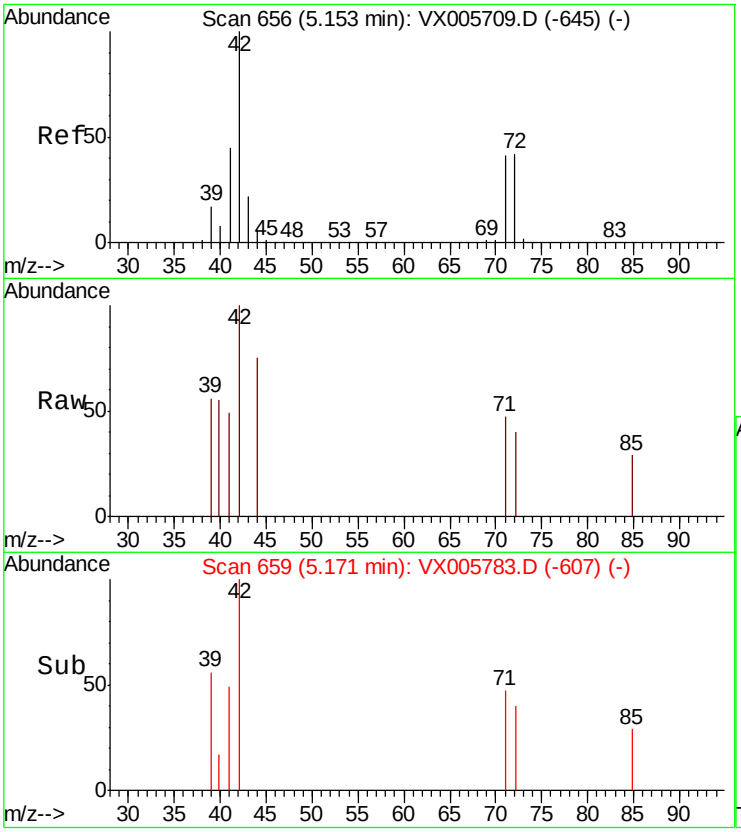


#25
2-Butanone
Concen: 0.746 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Tgt Ion: 43 Resp: 1295

Ion	Ratio	Lower	Upper
43	100		
72	21.5	19.2	28.8



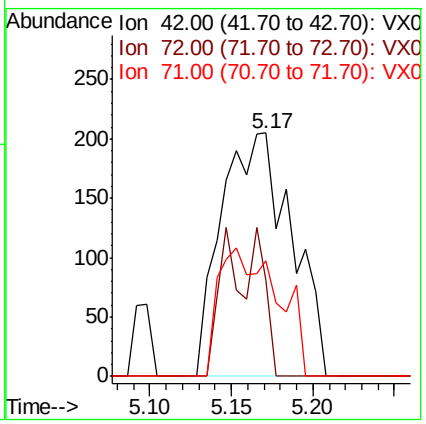


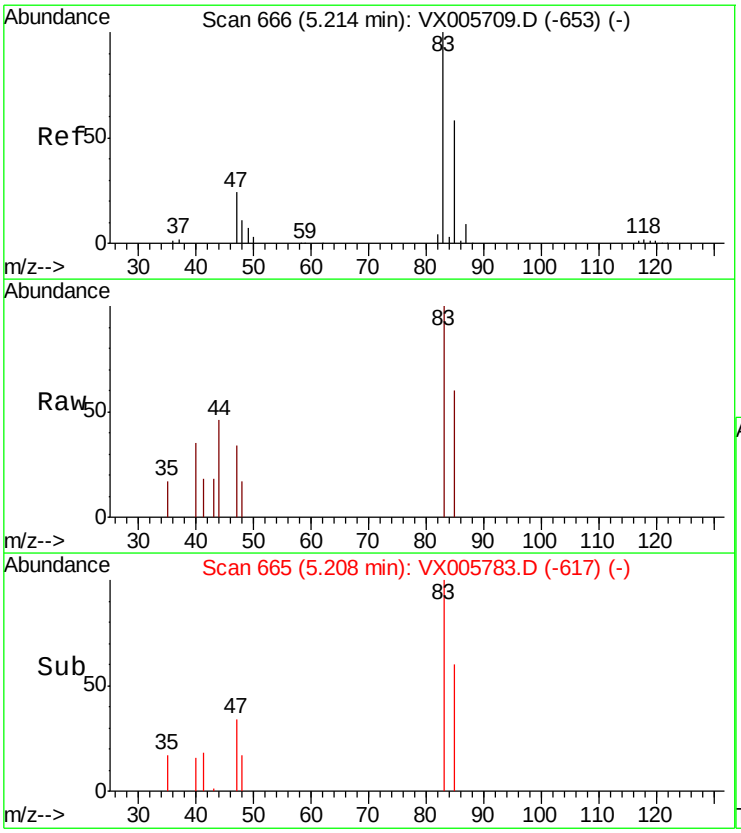
#29
Tetrahydrofuran
Concen: 0.580 ug/l
RT: 5.17 min Scan# 659
Delta R.T. 0.02 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 615

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.0	48.0#
71	0.0	29.8	44.8#

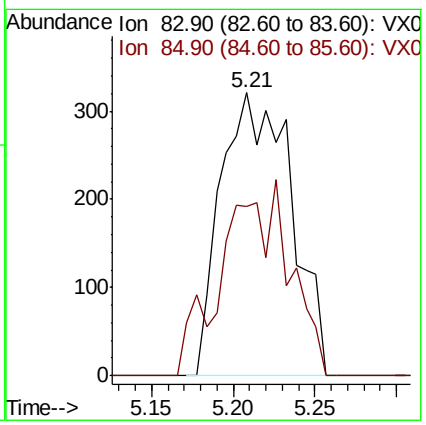


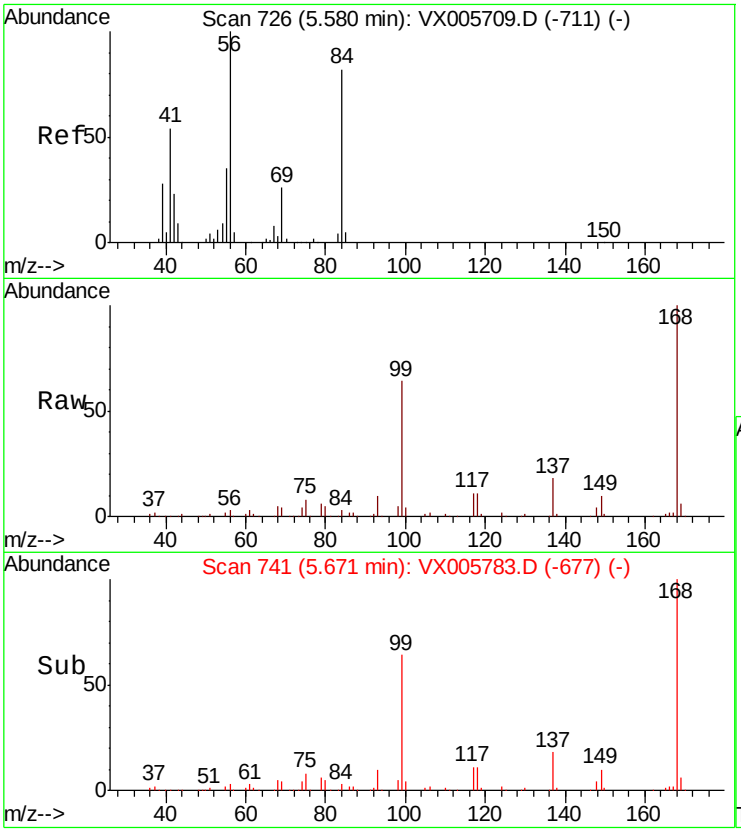


#30
Chloroform
Concen: 0.299 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Tgt Ion: 83 Resp: 961

Ion	Ratio	Lower	Upper
83	100		
85	59.8	50.6	76.0



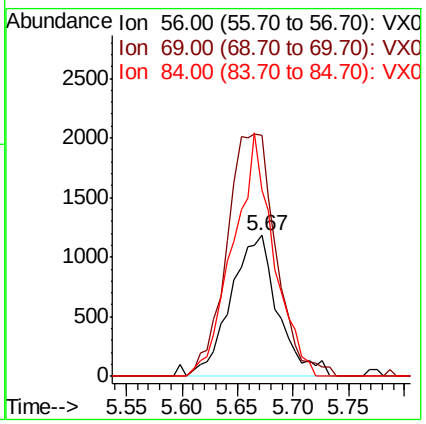


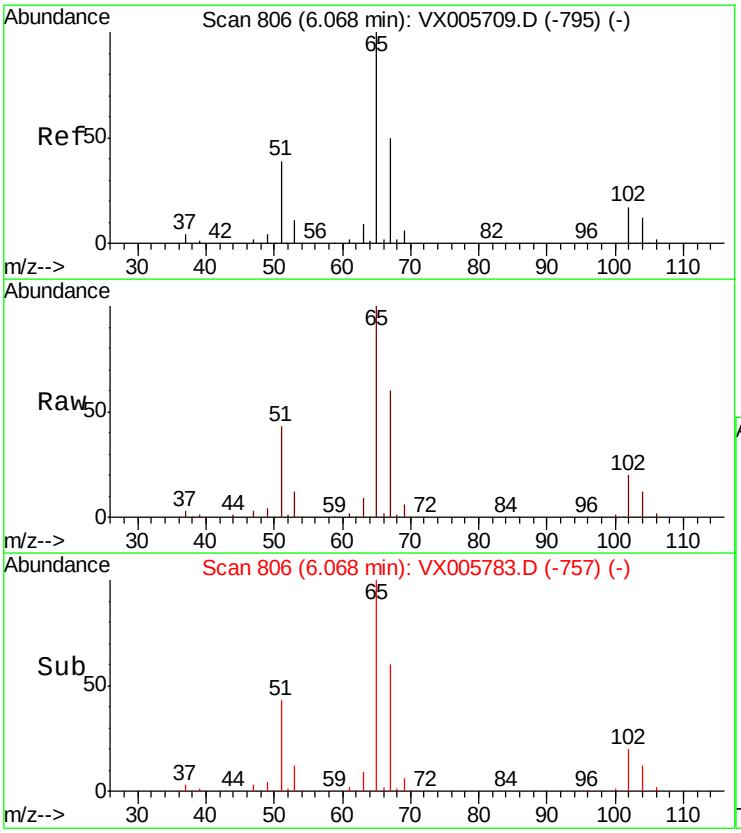
#31
Cyclohexane
Concen: 1.263 ug/l
RT: 5.67 min Scan# 741
Delta R.T. 0.09 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 3474

Ion	Ratio	Lower	Upper
56	100		
69	170.9	22.6	34.0#
84	131.4	62.7	94.1#

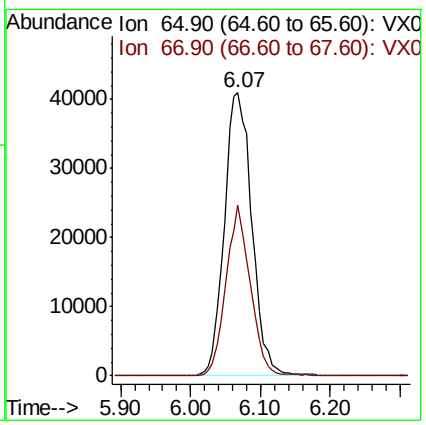


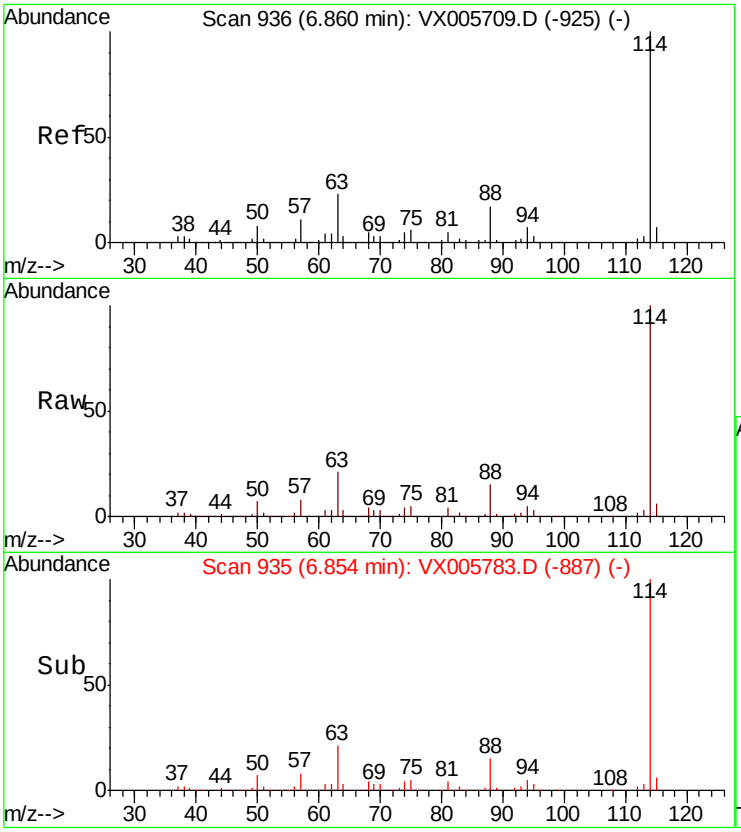


#33
1,2-Dichloroethane-d4
Concen: 54.406 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Tgt Ion: 65 Resp: 111970

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.0



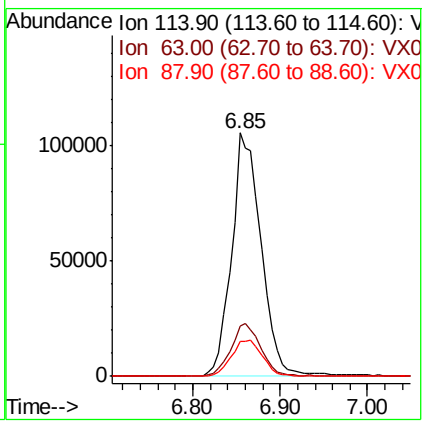


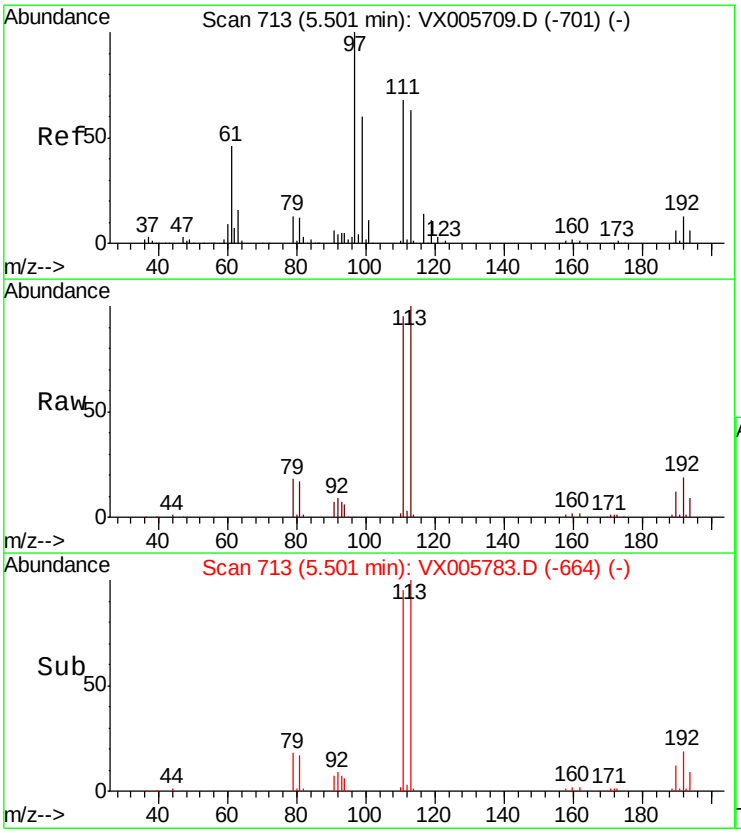
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 248107

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.8
88	14.6	0.0	31.2

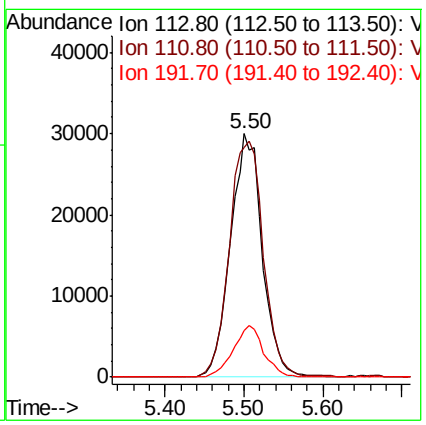


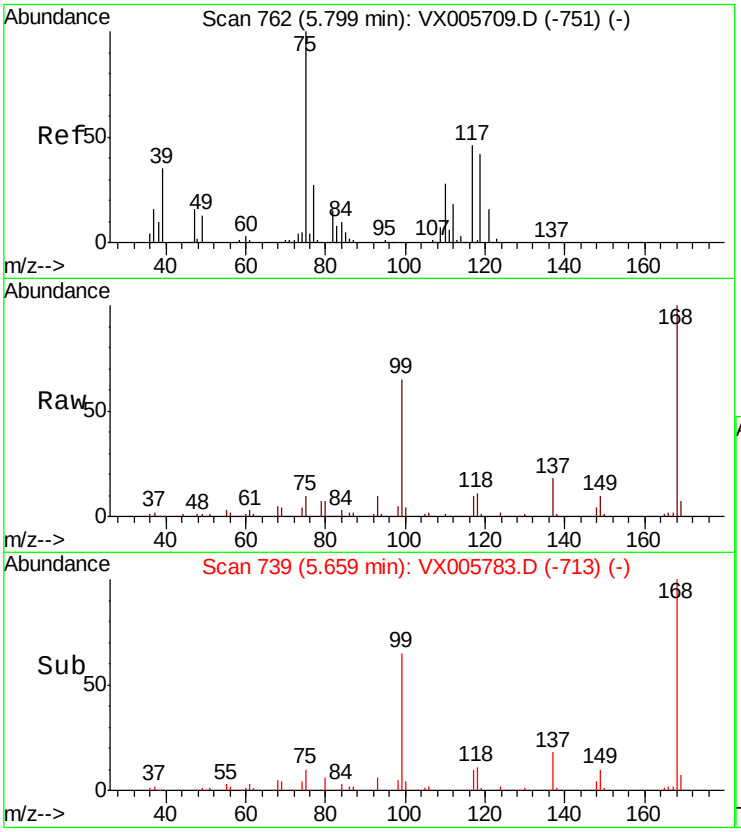


#35
Dibromofluoromethane
Concen: 48.763 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Tgt Ion:113 Resp: 83770

Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.3	123.5
192	20.2	17.9	26.9



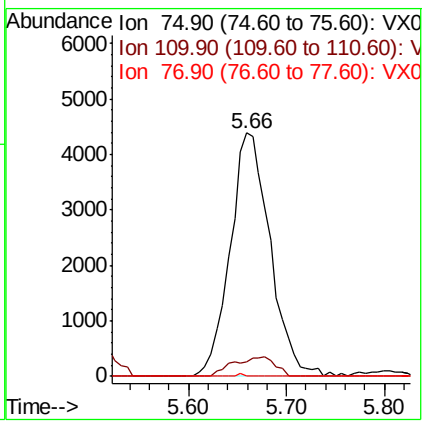


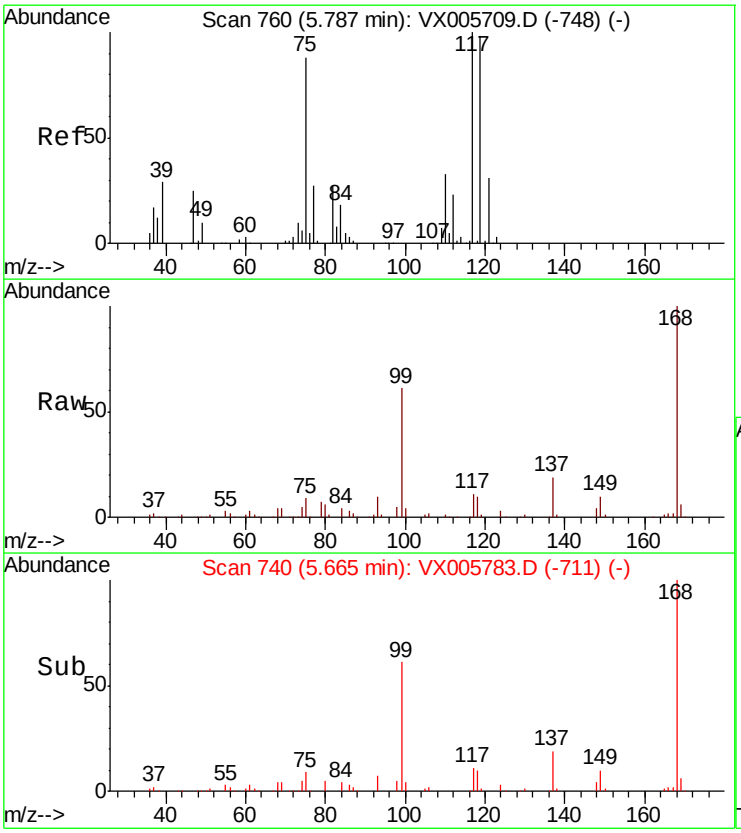
#36
1,1-Dichloropropene
Concen: 4.696 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 12413

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.4	52.2#
77	0.2	25.8	38.6#

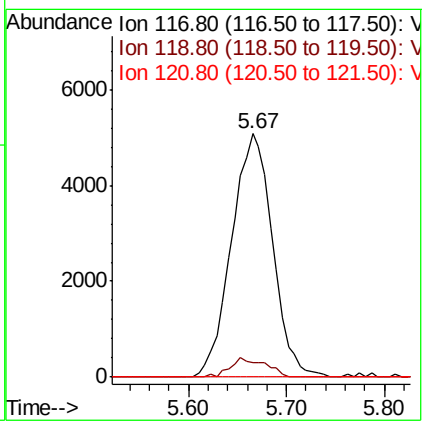


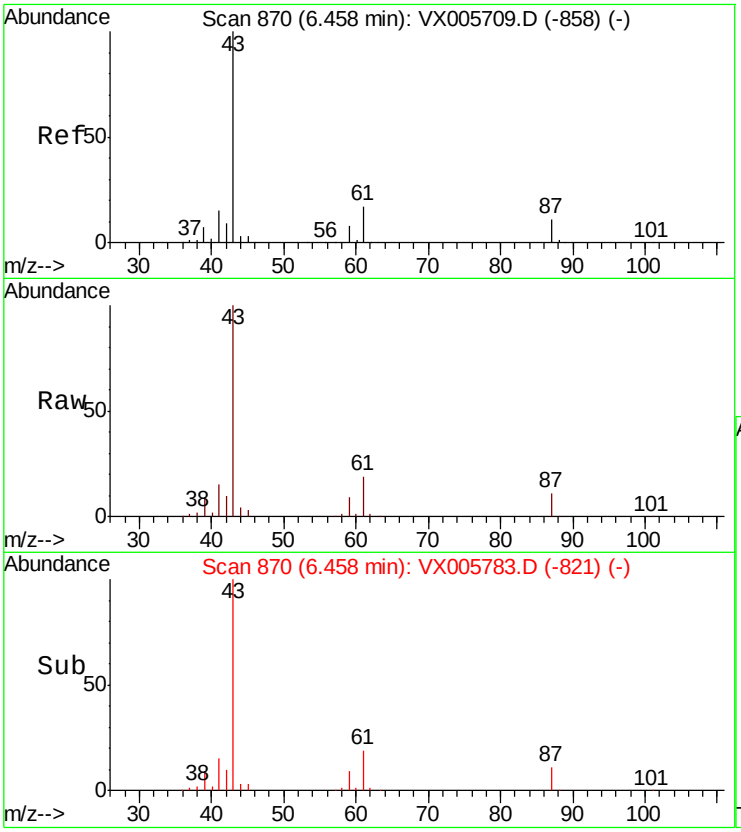


#38
Carbon Tetrachloride
Concen: 6.185 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Tgt Ion:117 Resp: 14772

Ion	Ratio	Lower	Upper
117	100		
119	6.0	78.1	117.1#
121	0.0	24.6	36.8#



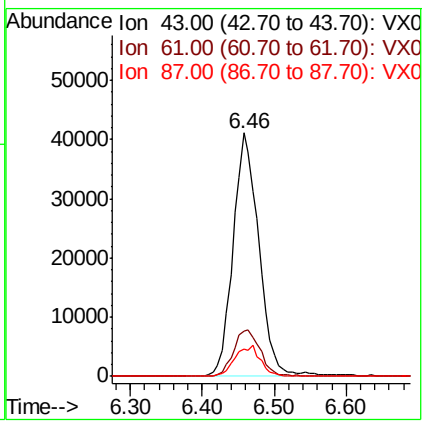


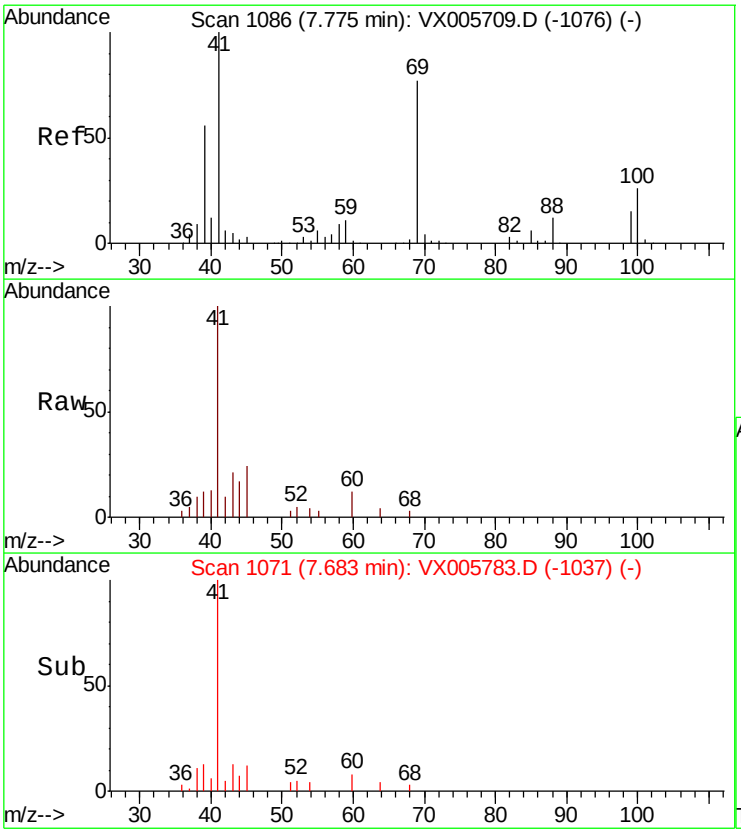
#43
Isopropyl Acetate
Concen: 20.892 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 102262

Ion	Ratio	Lower	Upper
43	100		
61	19.8	14.6	22.0
87	12.4	9.6	14.4

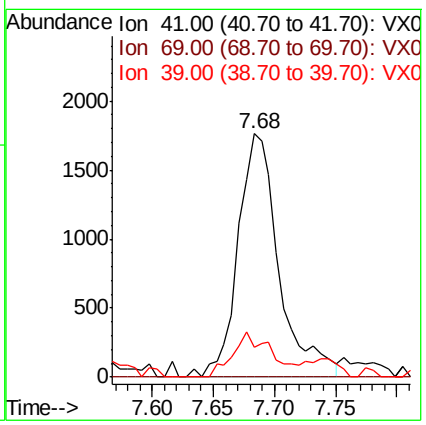


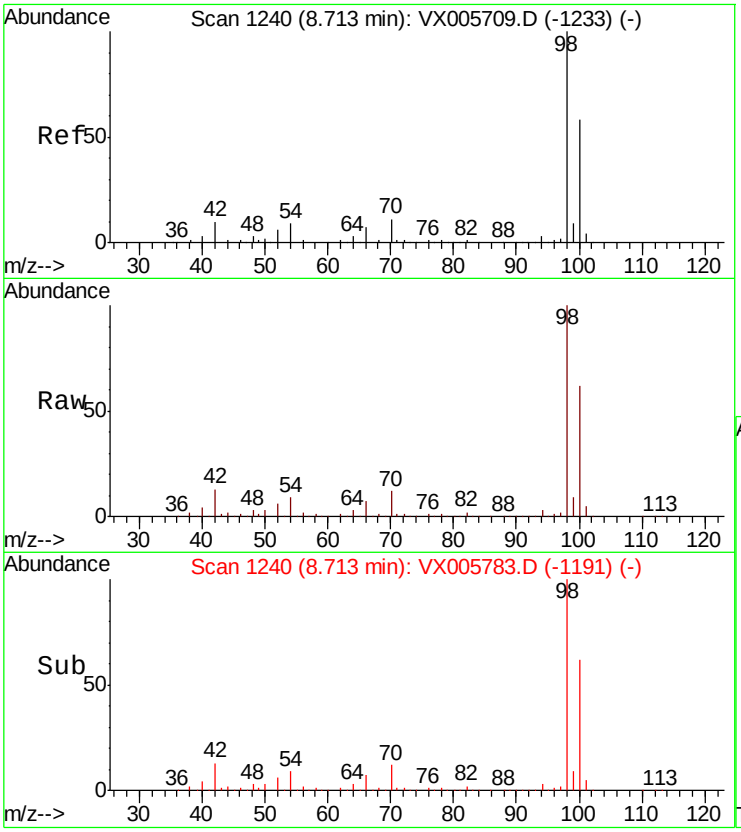


#48
Methyl methacrylate
Concen: 1.733 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Tgt Ion: 41 Resp: 4106

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.2	94.8#
39	17.8	42.2	63.2#



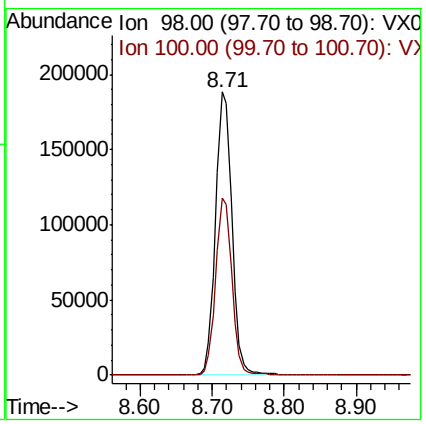


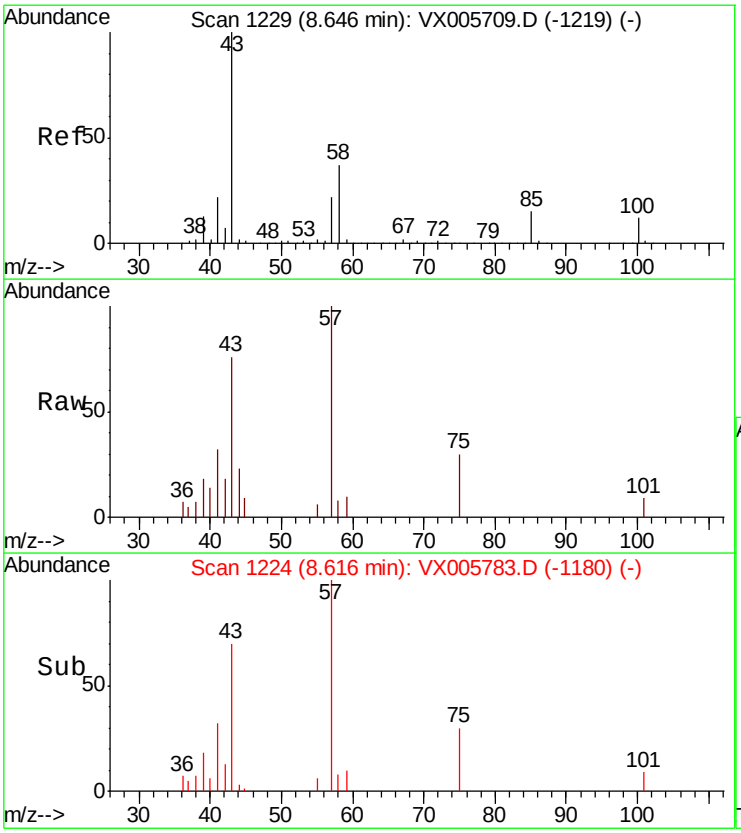
#50
Toluene-d8
Concen: 49.447 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 297930

Ion	Ratio	Lower	Upper
98	100		
100	62.0	51.3	76.9

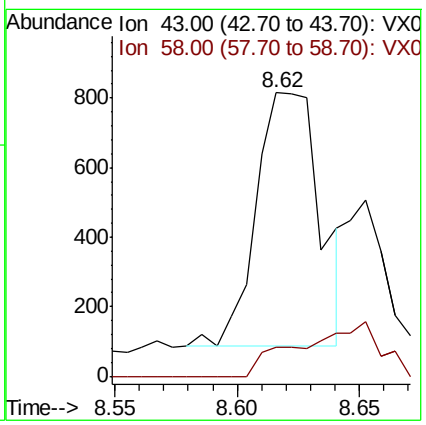


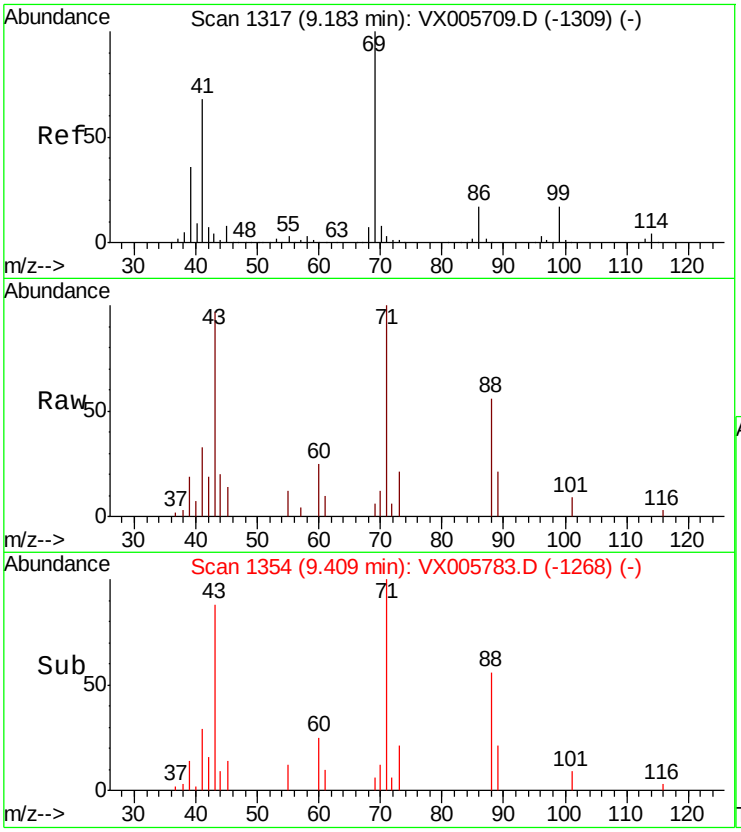


#51
4-Methyl-2-Pentanone
Concen: 0.396 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Tgt Ion: 43 Resp: 1322

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.7	44.5#



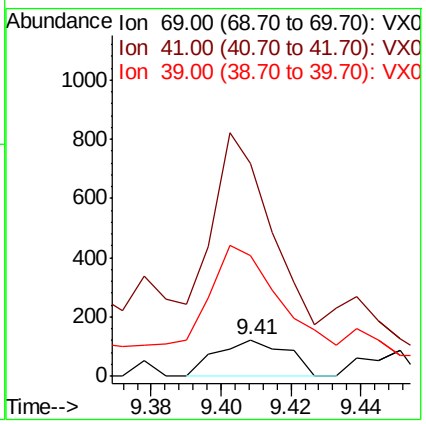


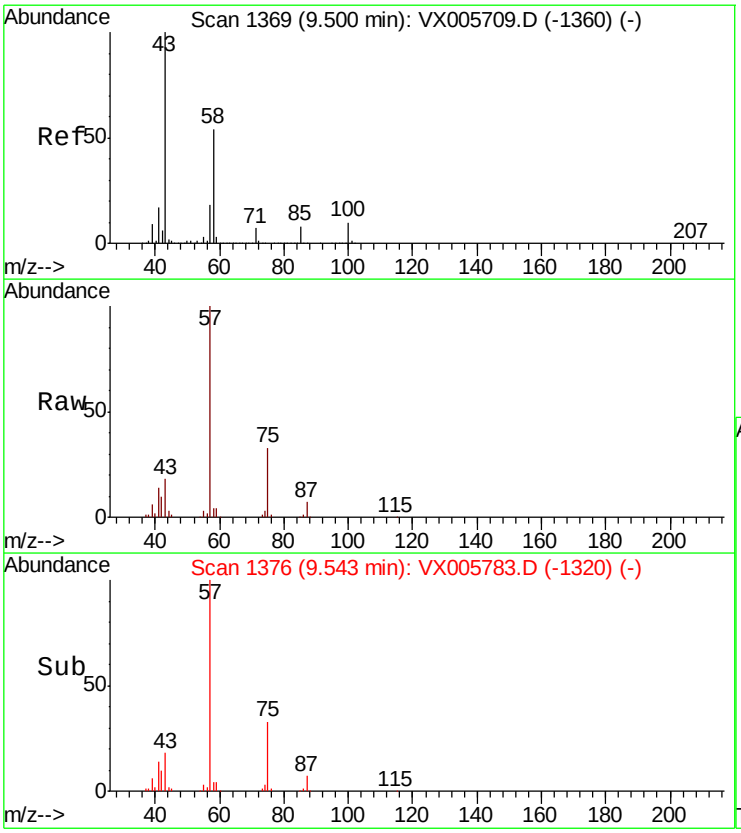
#56
Ethyl methacrylate
Concen: 2.523 ug/l
RT: 9.41 min Scan# 1354
Delta R.T. 0.23 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 69 Resp: 172

Ion	Ratio	Lower	Upper
69	100		
41	1105.8	57.0	85.6#
39	599.4	28.3	42.5#

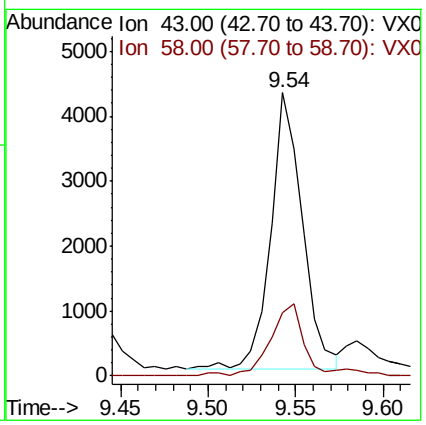


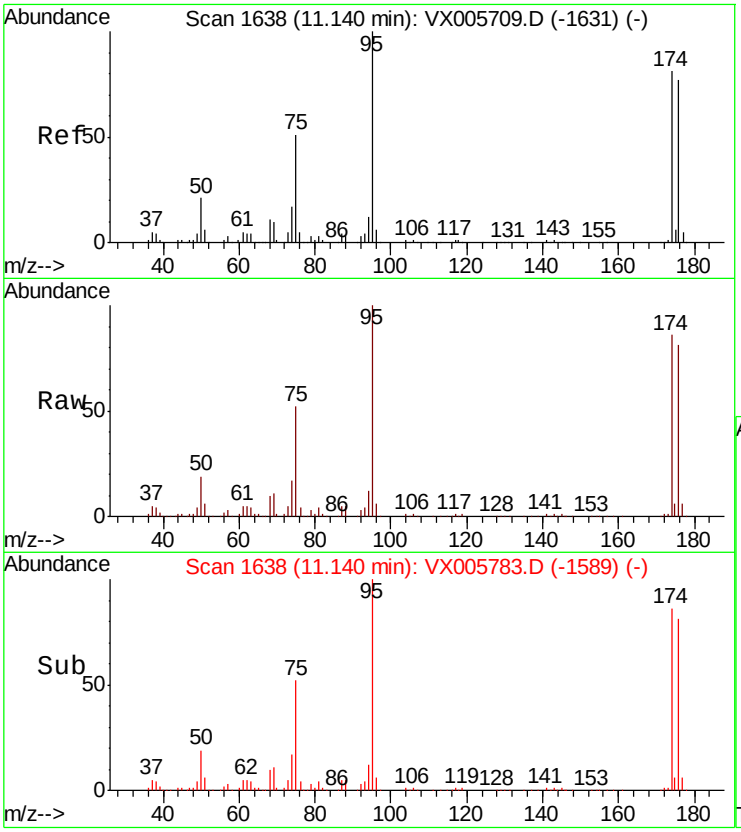


#59
2-Hexanone
Concen: 1.958 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.04 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Tgt Ion: 43 Resp: 5319

Ion	Ratio	Lower	Upper
43	100		
58	27.1	25.9	77.8



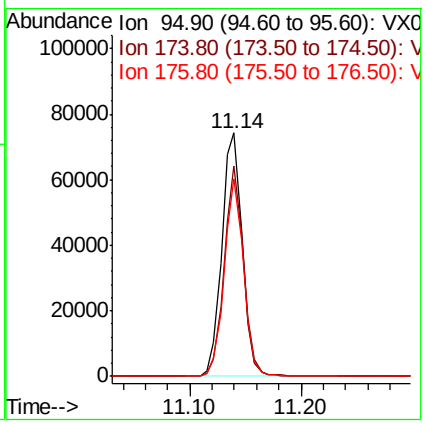


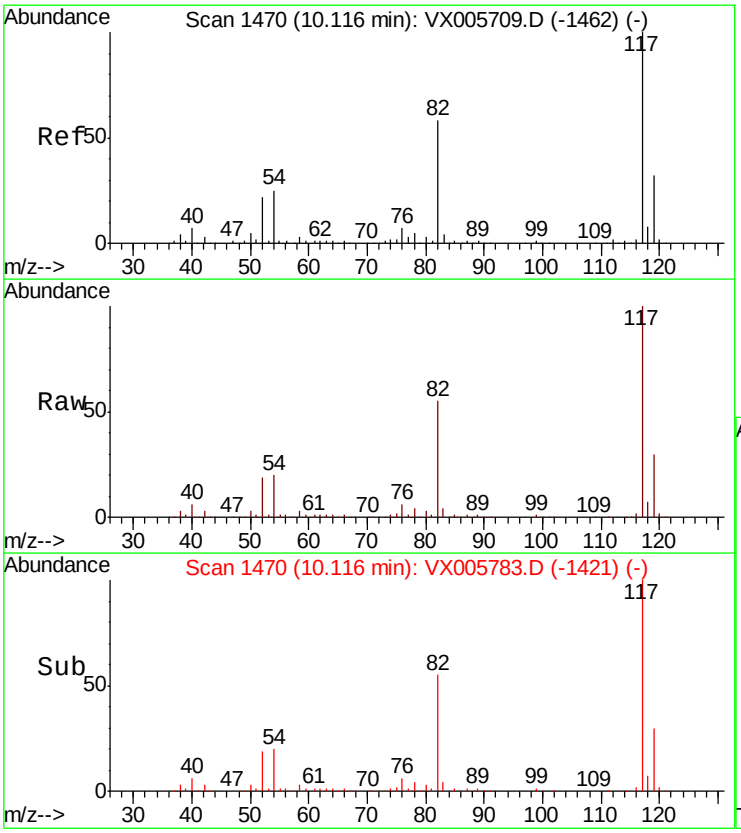
#62
4-Bromofluorobenzene
Concen: 42.359 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 94195

Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	184.4
176	76.7	0.0	177.4

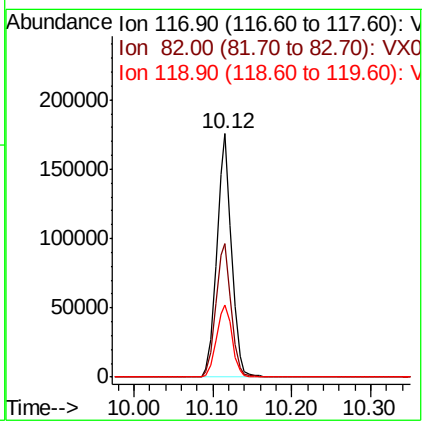


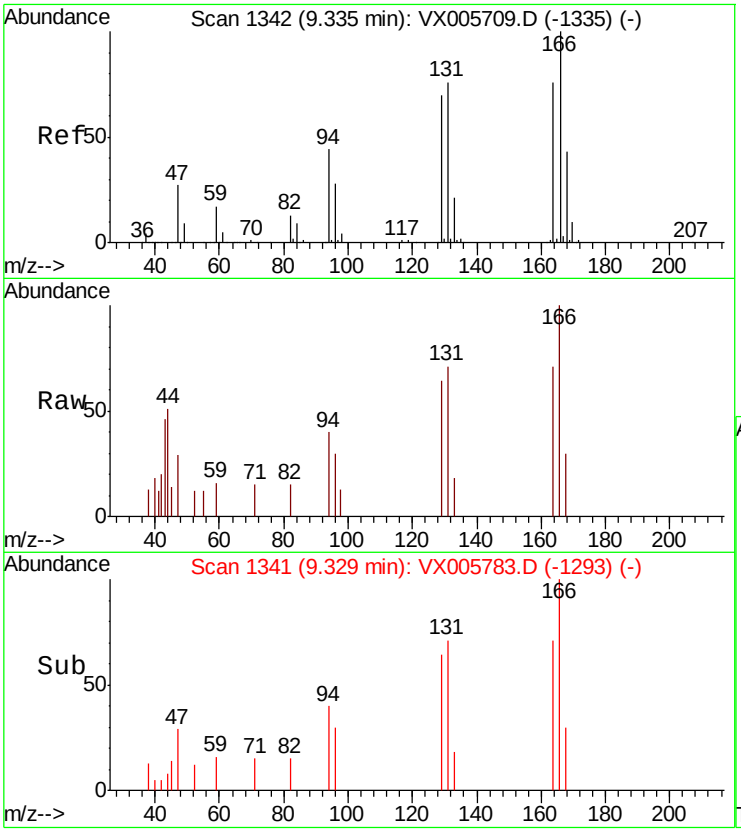


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Tgt Ion:117 Resp: 228074

Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.1	66.1
119	29.6	26.2	39.2



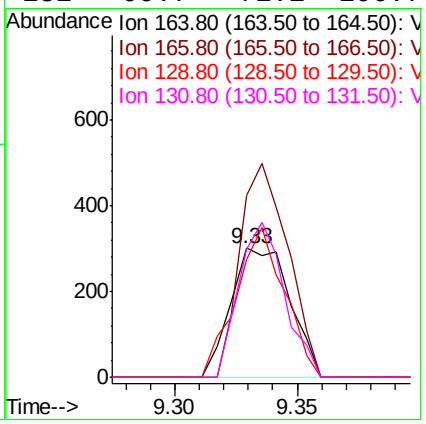


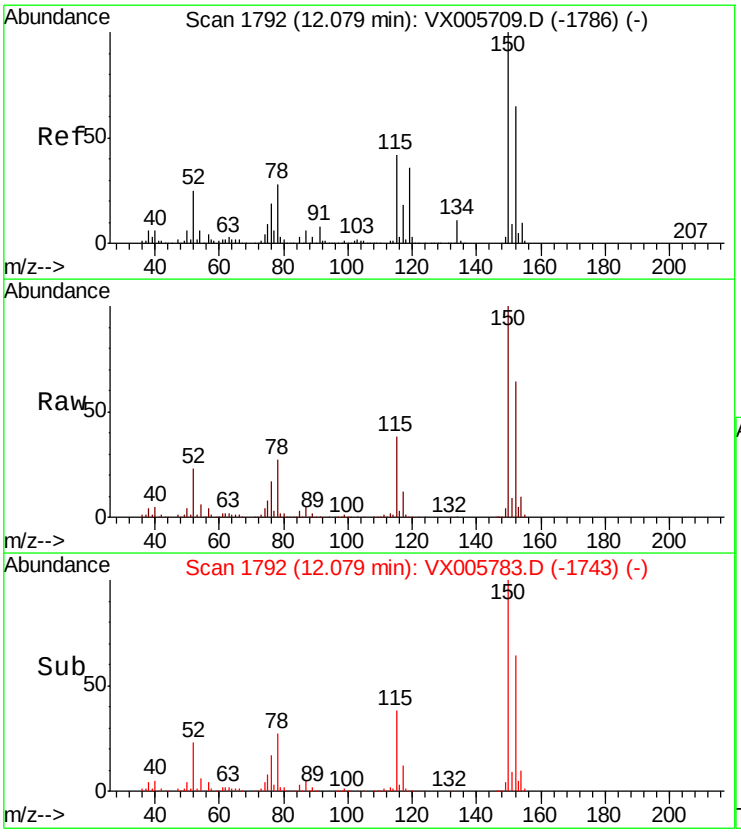
#64
Tetrachloroethene
Concen: 0.303 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:164 Resp: 505

Ion	Ratio	Lower	Upper
164	100		
166	141.2	101.9	152.9
129	91.0	72.6	109.0
131	99.7	71.1	106.7

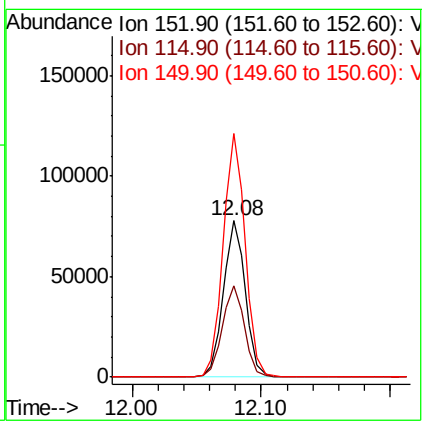


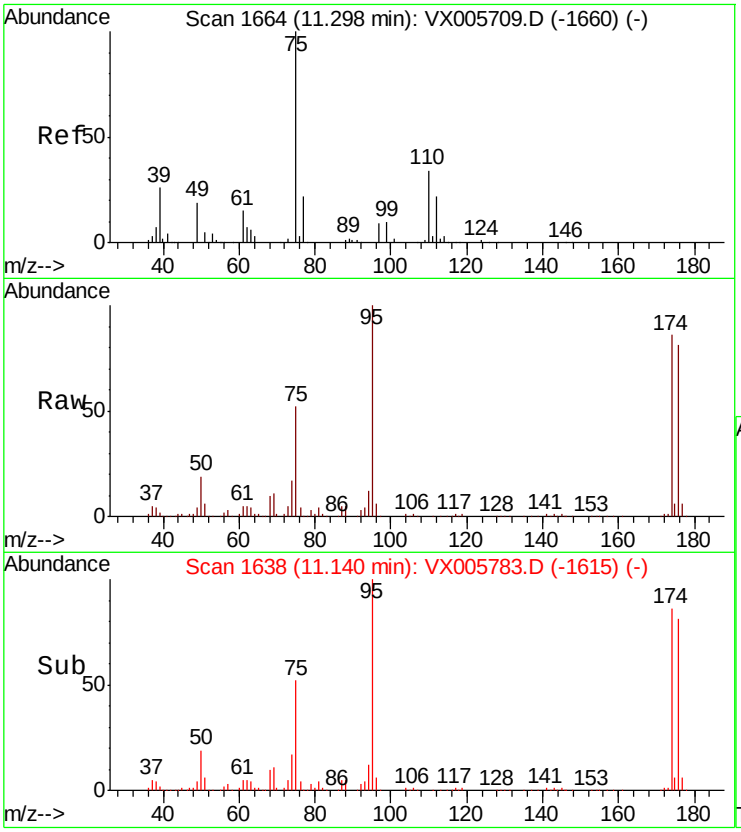


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Tgt Ion:152 Resp: 93572

Ion	Ratio	Lower	Upper
152	100		
115	59.2	39.4	118.1
150	156.2	0.0	346.4



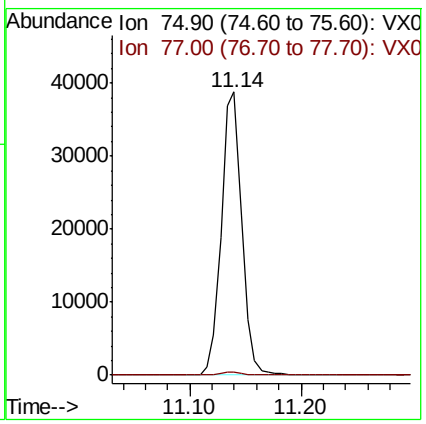


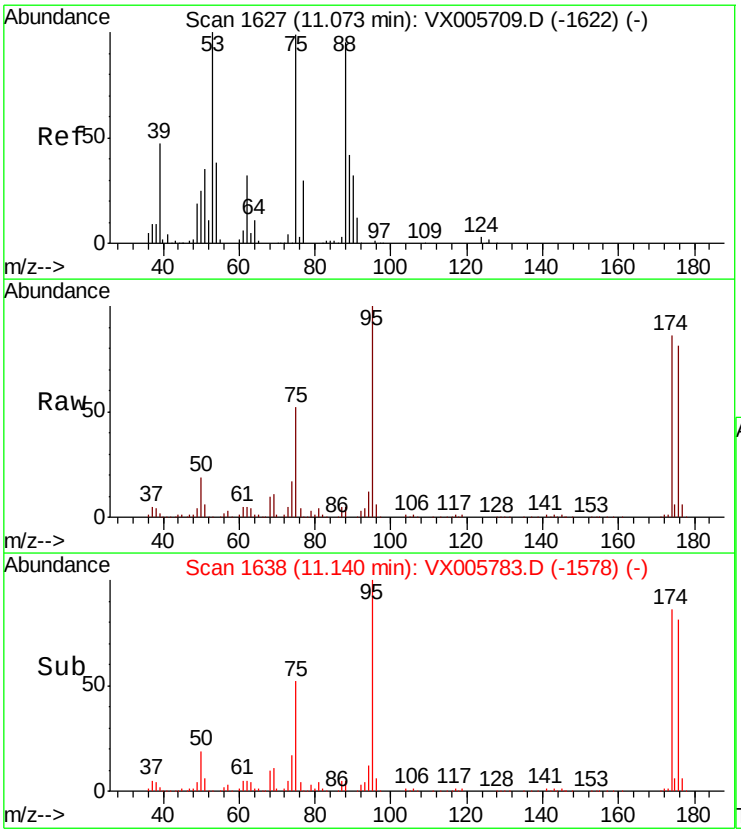
#76
1,2,3-Trichloropropane
Concen: 21.149 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 49288

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.5	61.6#

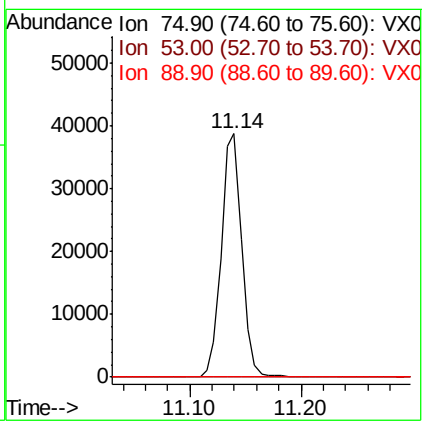


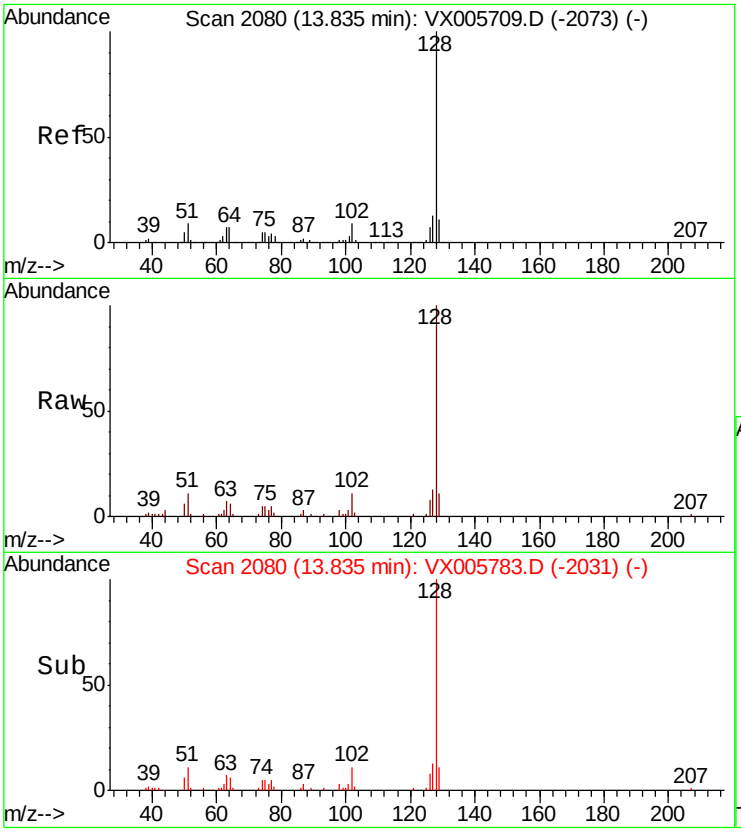


#81
trans-1,4-Dichloro-2-butene
Concen: 68.331 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Tgt Ion: 75 Resp: 49288

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





#95
Naphthalene
Concen: 1.570 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005783.D
Acq: 05 Nov 2018 17:24

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 10241

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.5	8.7	13.1