Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052718\
Data File : VX002077.D
Acq On : 27 May 2018 19:04
Operator : JC/MD
Sample : J3130-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: May 29 02:59:51 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.67	168	323204	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	450212	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	403878	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	219738	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.07	65	213237	36.91	ug/l		0.00
Spiked Amount 50.000			Recovery = 73.82%				
35) Dibromofluoromethane	5.51	113	164080	36.44	ug/l		0.00
Spiked Amount 50.000			Recovery = 72.88%				
50) Toluene-d8	8.72	98	640329	39.29	ug/l		0.00
Spiked Amount 50.000			Recovery = 78.58%				
62) 4-Bromofluorobenzene	11.14	95	224461	35.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 70.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	78	Below Cal		#	41
3) Chloromethane	1.33	50	3029	0.61	ug/l	#	86
5) Bromomethane	1.65	94	978	Below Cal		#	50
8) Diethyl Ether	2.19	74	4283	1.64	ug/l		93
11) Tert butyl alcohol	3.03	59	2933	2.59	ug/l	#	94
13) Acrolein	2.30	56	164	0.33	ug/l	#	81
16) Acetone	2.45	43	15789	7.08	ug/l		99
18) Methyl Acetate	2.78	43	27834	4.14	ug/l		100
20) Methylene Chloride	2.86	84	67318	16.31	ug/l		97
21) trans-1,2-Dichloroethene	3.17	96	78	Below Cal		#	1
25) 2-Butanone	4.72	43	5130	1.26	ug/l	#	83
28) Bromochloromethane	4.95	49	89	Below Cal		#	14
30) Chloroform	5.22	83	6248	0.73	ug/l		97
31) Cyclohexane	5.67	56	6634	0.83	ug/l	#	10
36) 1,1-Dichloropropene	5.67	75	22235	3.55	ug/l	#	51
38) Carbon Tetrachloride	5.67	117	29249	4.01	ug/l	#	15
41) Methacrylonitrile	5.06	41	73	Below Cal		#	29
47) Bromodichloromethane	7.90	83	1696	0.24	ug/l	#	88
59) 2-Hexanone	9.51	43	1391	0.22	ug/l		96
67) Ethyl Benzene	10.26	91	14184	0.64	ug/l		100
68) m/p-Xylenes	10.37	106	5508	0.65	ug/l		99
69) o-Xylene	10.70	106	4734	0.56	ug/l		87
74) N-amyl acetate	6.49	43	217	Below Cal		#	59
75) 1,1,2,2-Tetrachloroethane	11.34	83	104	Below Cal		#	25
76) 1,2,3-Trichloropropane	11.14	75	119113	22.57	ug/l	#	33
79) 2-Chlorotoluene	11.44	91	2344	Below Cal		#	40
80) 1,3,5-Trimethylbenzene	11.51	105	6769	0.43	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.14	75	119113	54.24	ug/l	#	10
84) 1,2,4-Trimethylbenzene	11.81	105	27123	1.65	ug/l		99
85) sec-Butylbenzene	11.81	105	27123	1.45	ug/l	#	55
90) Hexachloroethane	12.61	117	1194	0.36	ug/l	#	2
95) Naphthalene	13.84	128	528369	26.62	ug/l		100

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052718\
Data File : VX002077.D
Acq On : 27 May 2018 19:04
Operator : JC/MD
Sample : J3130-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 29 02:59:51 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052718\
Data File : VX002077.D
Acq On : 27 May 2018 19:04
Operator : JC/MD
Sample : J3130-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

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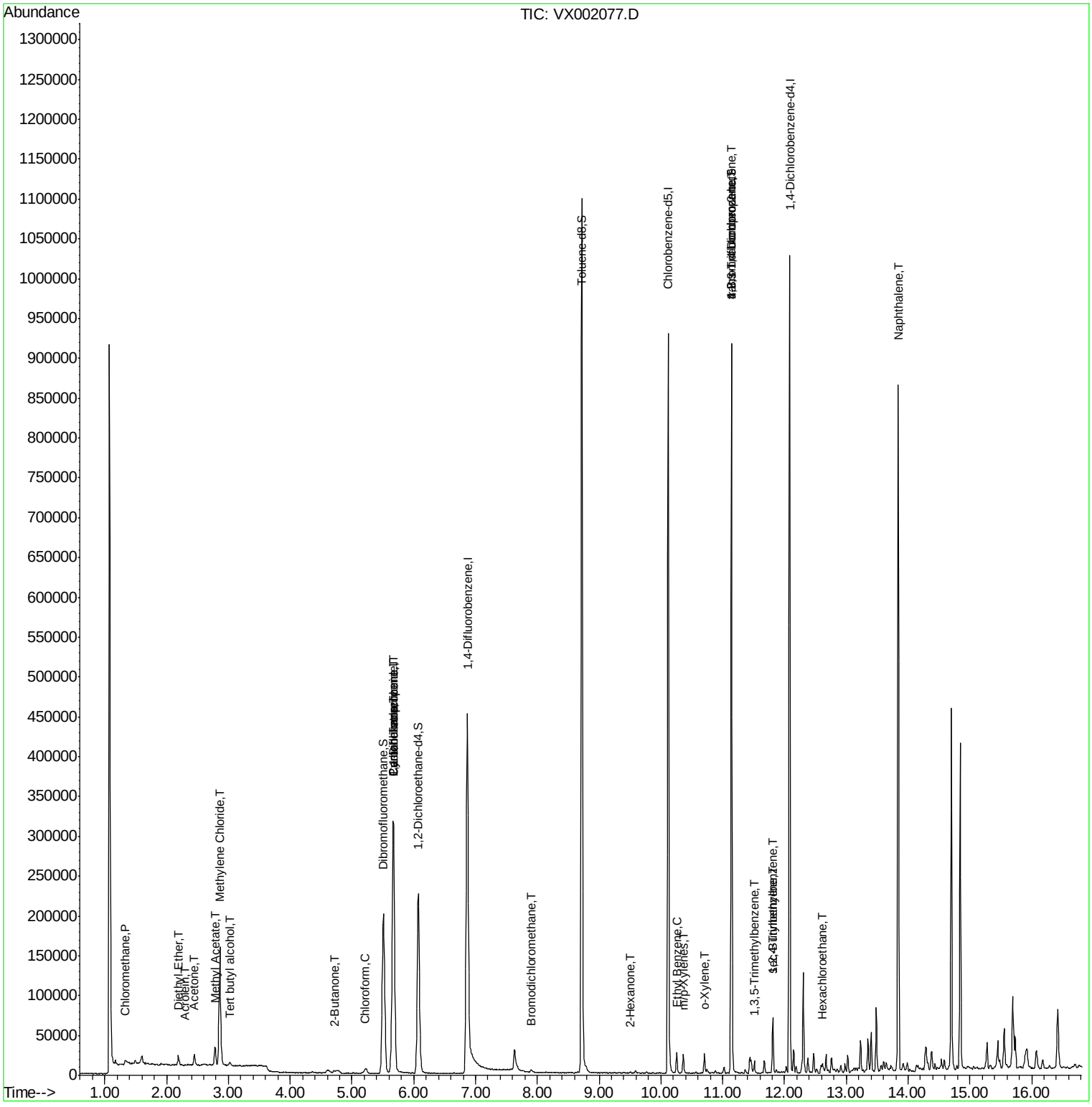
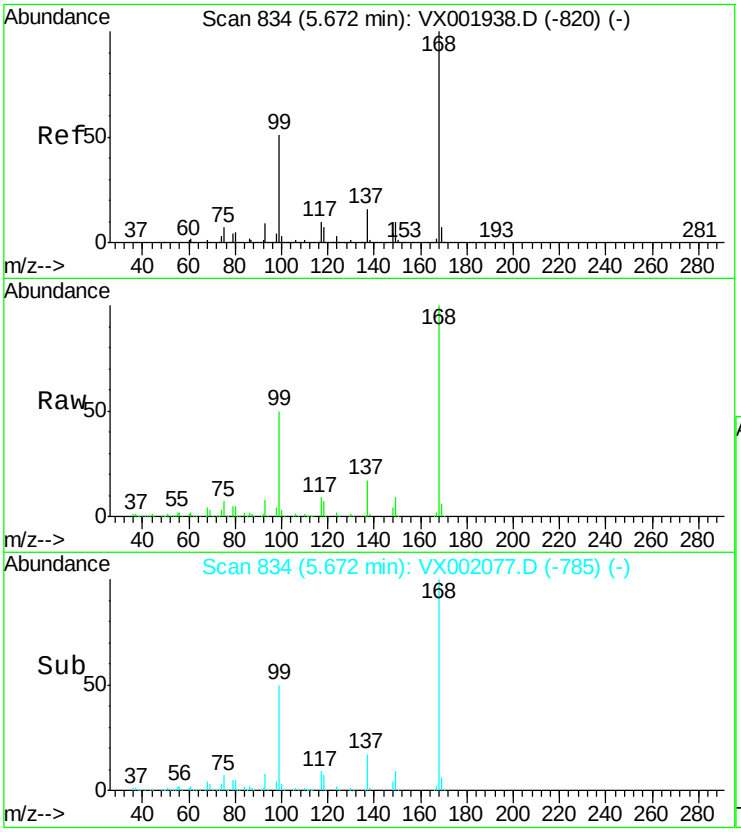
MSVOA_X
ClientSampleId :

Quant Time: May 29 02:59:51 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration



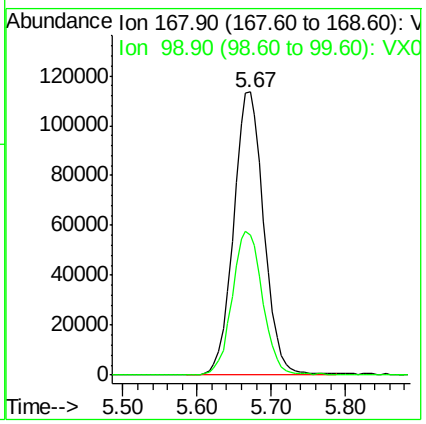


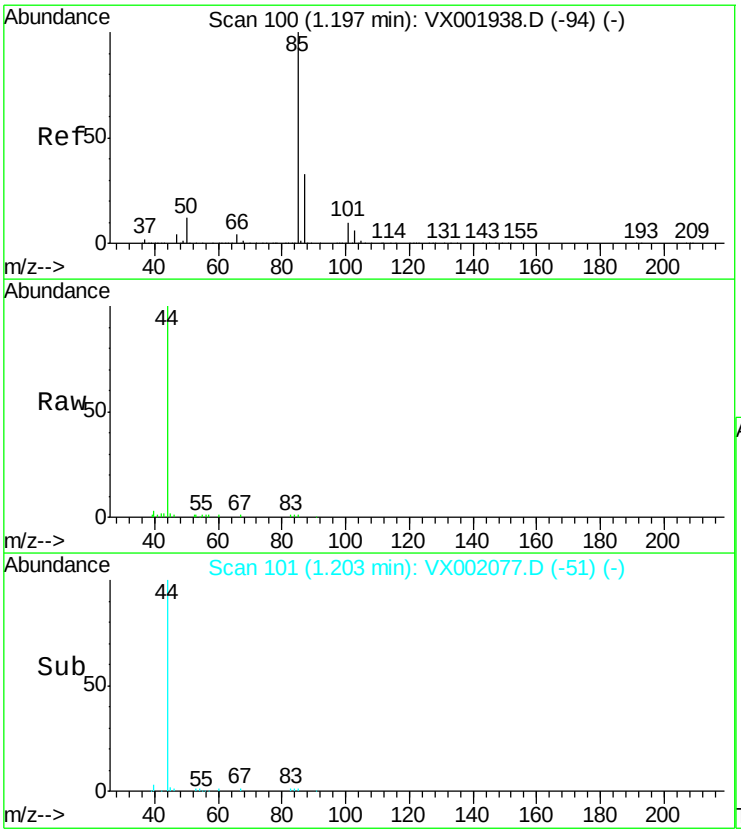
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.00 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 323204

Ion	Ratio	Lower	Upper
168	100		
99	49.7	41.0	61.4

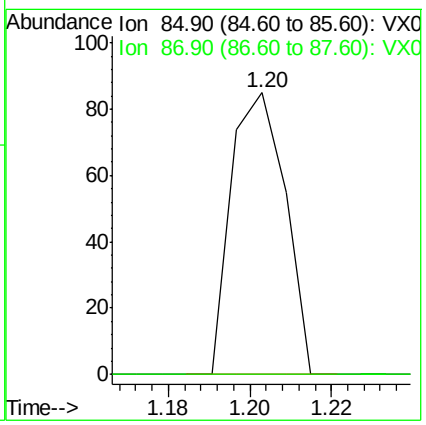


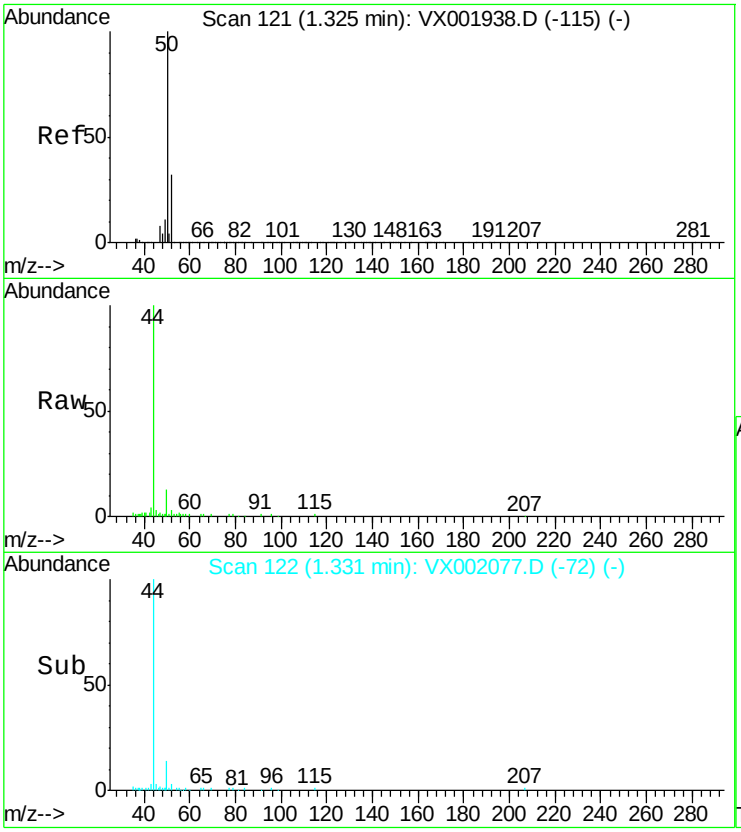


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.20 min Scan# 101
Delta R.T. 0.01 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Tgt Ion: 85 Resp: 78

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.7	50.0#



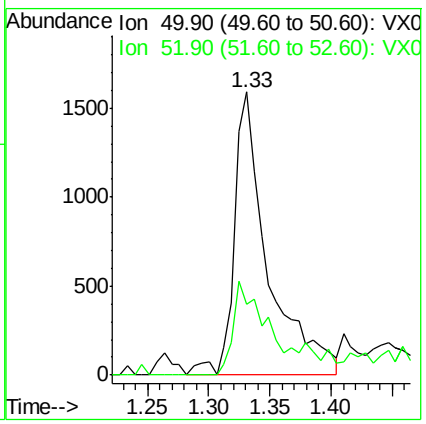


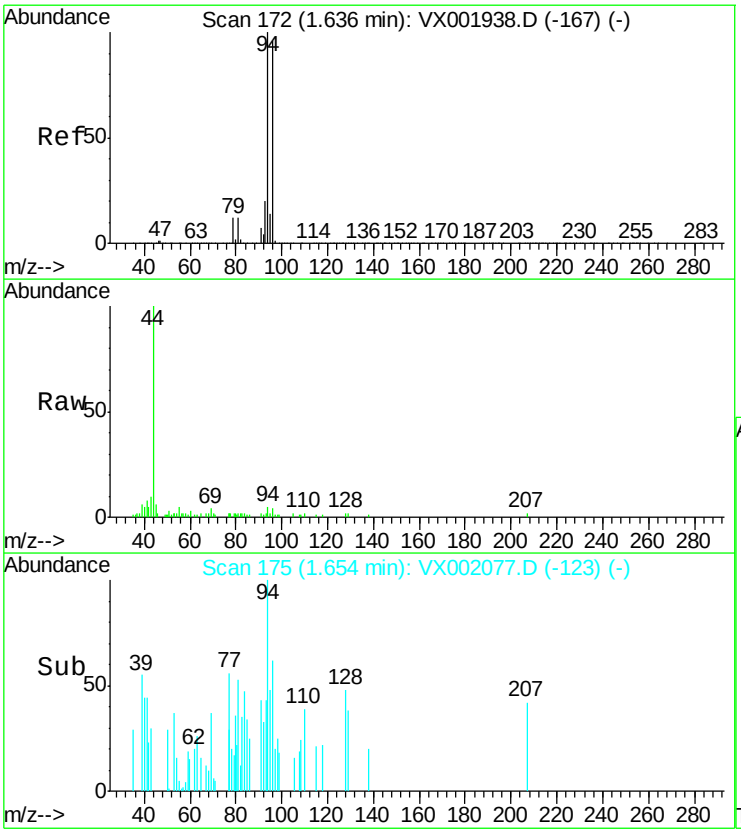
#3
Chloromethane
Concen: 0.61 ug/l
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 50 Resp: 3029

Ion	Ratio	Lower	Upper
50	100		
52	24.8	26.0	39.0#

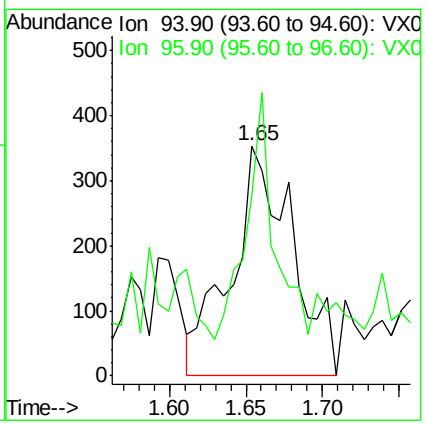


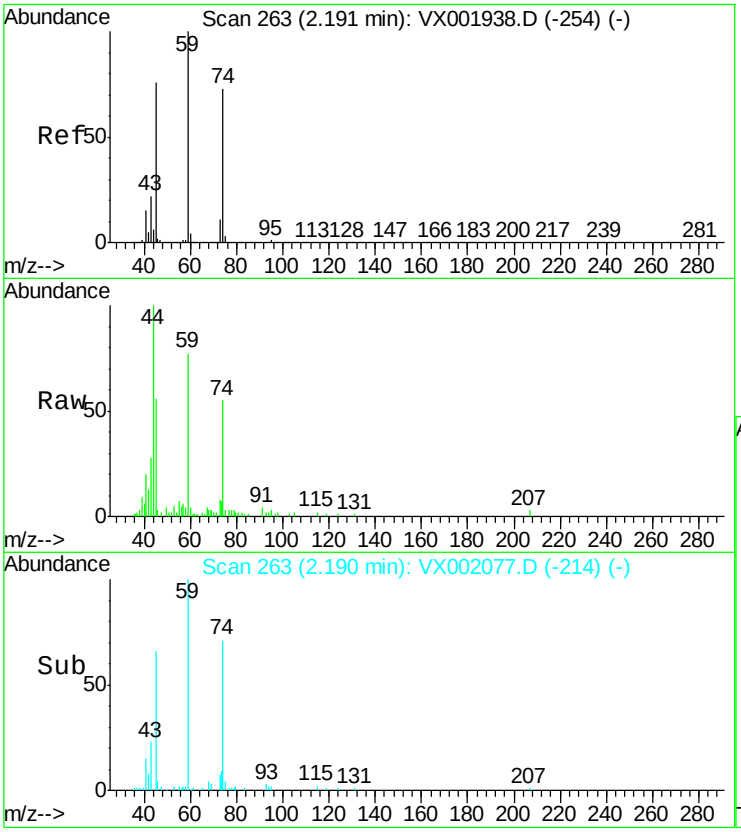


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 175
Delta R.T. 0.02 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Tgt Ion: 94 Resp: 978

Ion	Ratio	Lower	Upper
94	100		
96	46.2	75.9	113.9#



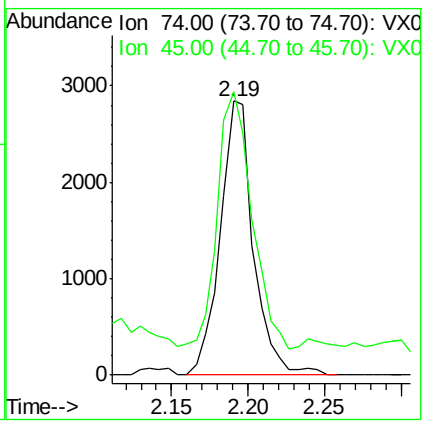


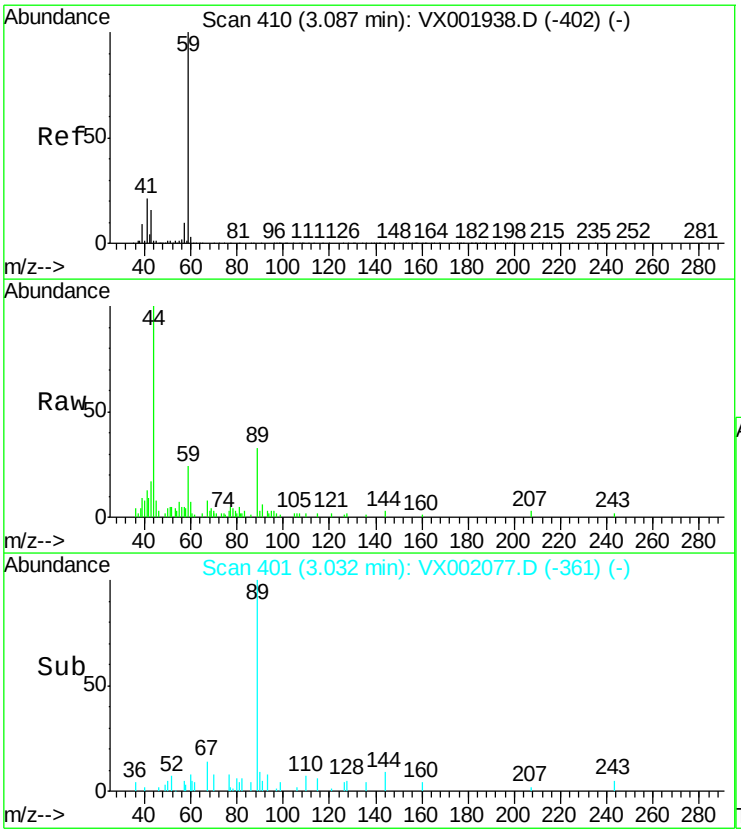
#8
Diethyl Ether
Concen: 1.64 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 74 Resp: 4283

Ion	Ratio	Lower	Upper
74	100		
45	96.0	51.5	154.7

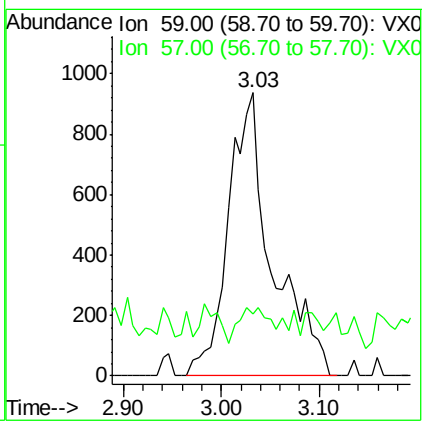


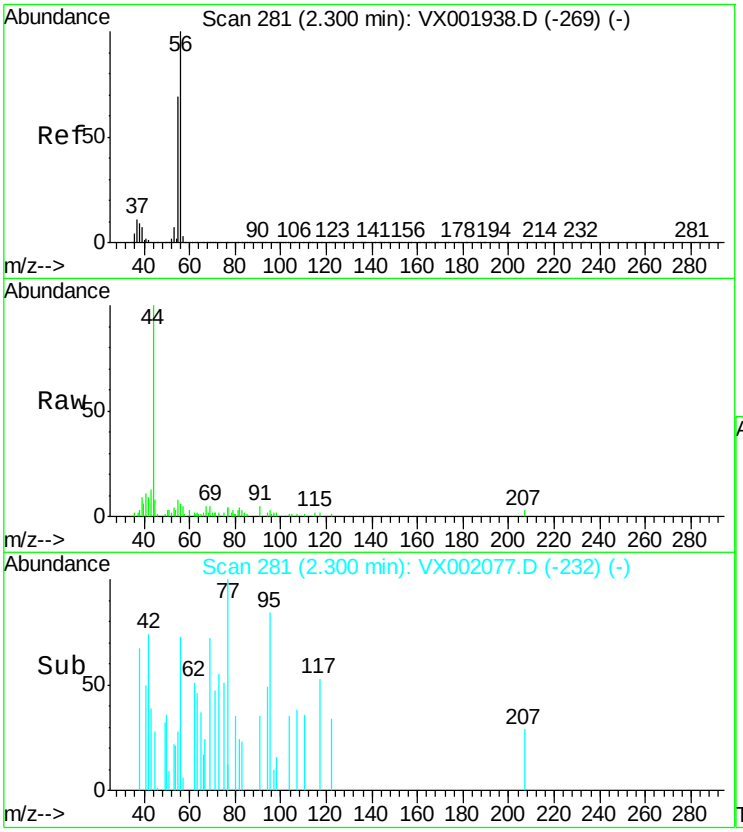


#11
Tert butyl alcohol
Concen: 2.59 ug/l
RT: 3.03 min Scan# 401
Delta R.T. -0.06 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Tgt Ion: 59 Resp: 2933

Ion	Ratio	Lower	Upper
59	100		
57	8.8	8.9	13.3#



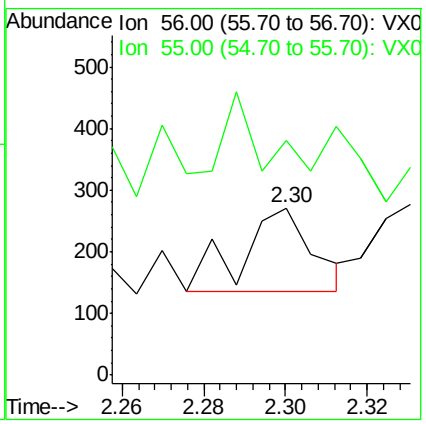


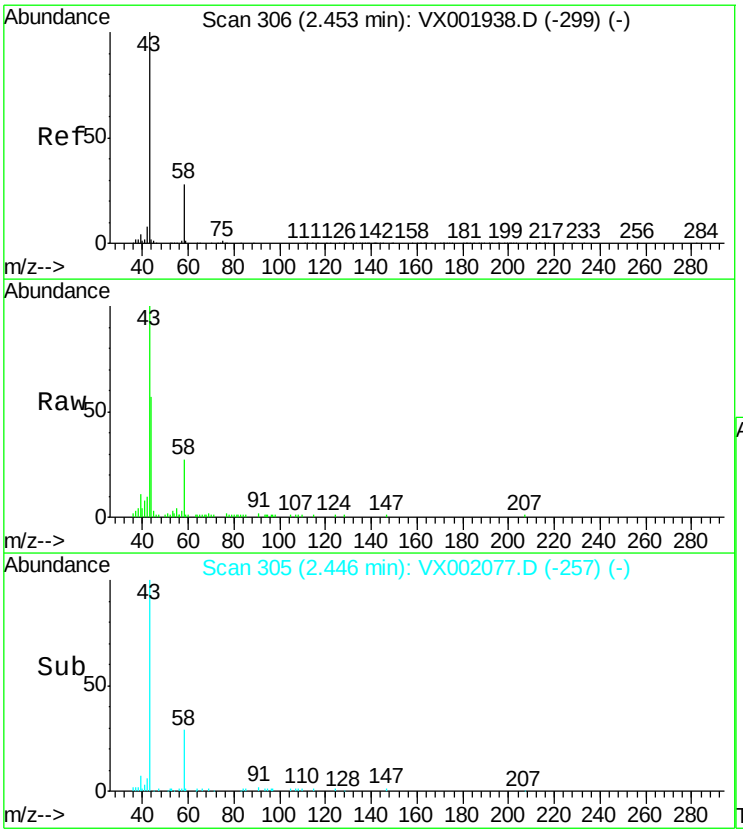
#13
Acrolein
Concen: 0.33 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 164

Ion	Ratio	Lower	Upper
56	100		
55	86.6	56.8	85.2#

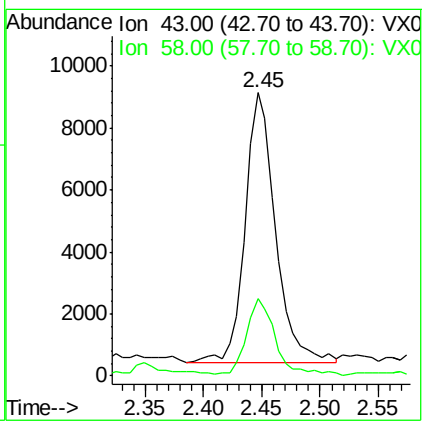


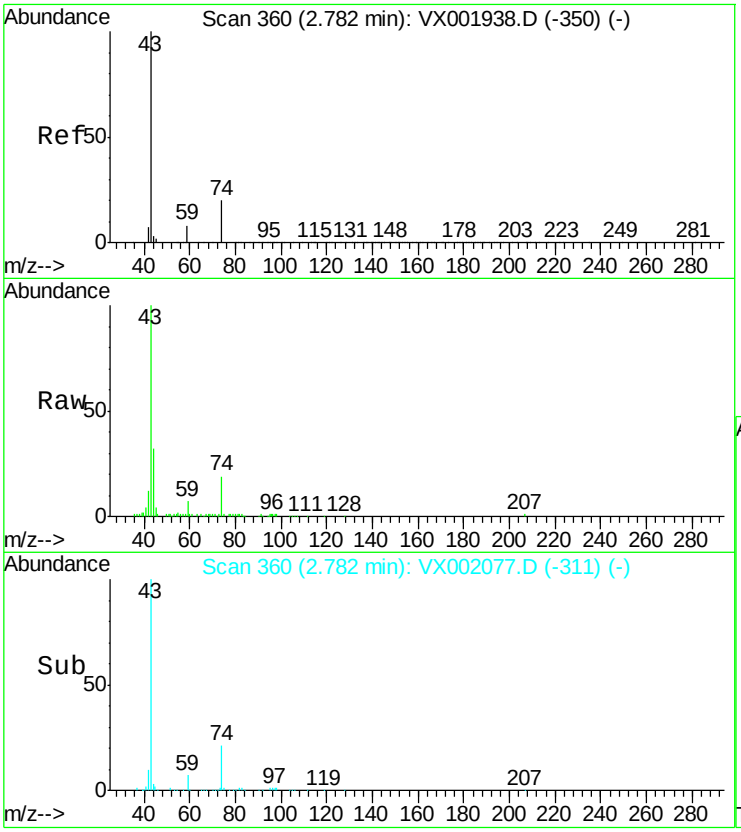


#16
Acetone
Concen: 7.08 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Tgt Ion: 43 Resp: 15789

Ion	Ratio	Lower	Upper
43	100		
58	27.5	22.3	33.5



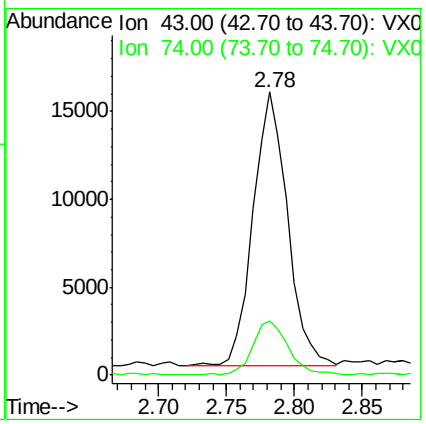


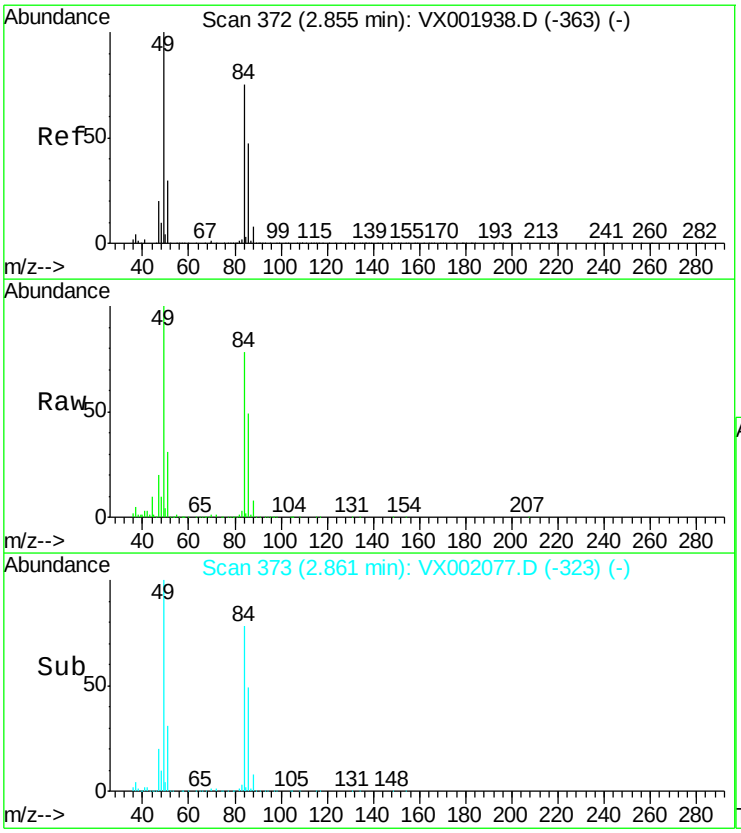
#18
Methyl Acetate
Concen: 4.14 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 27834

Ion	Ratio	Lower	Upper
43	100		
74	21.0	16.8	25.2

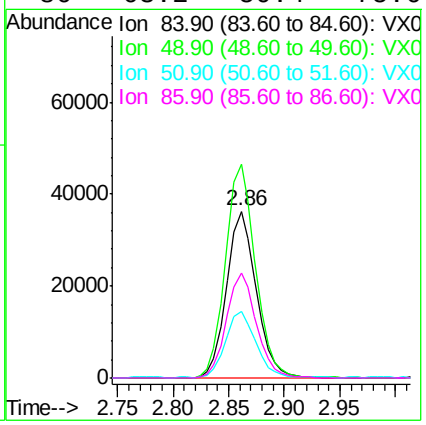


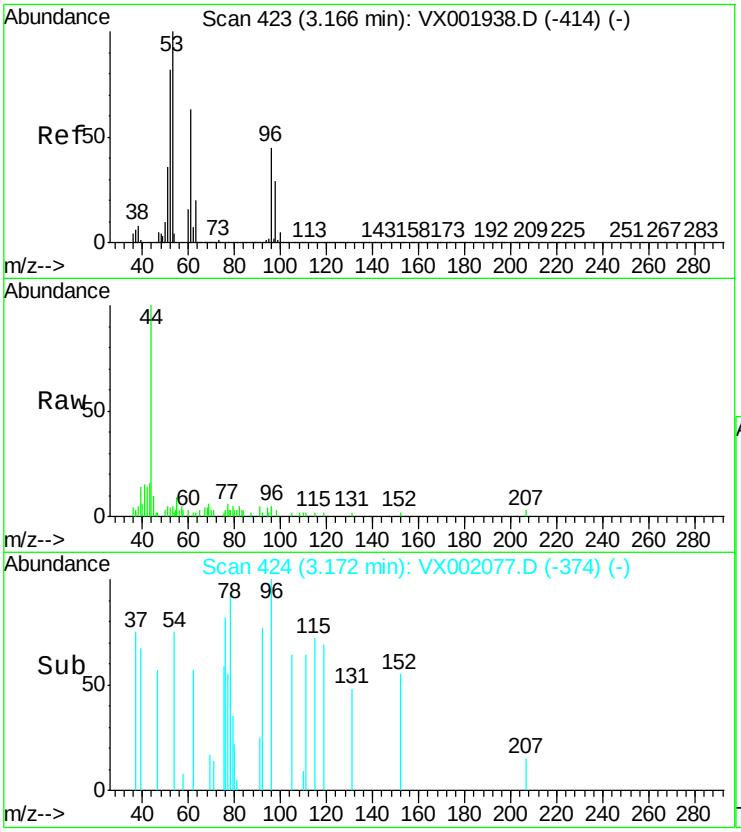


#20
Methylene Chloride
Concen: 16.31 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Tgt Ion: 84 Resp: 67318

Ion	Ratio	Lower	Upper
84	100		
49	127.7	107.2	160.8
51	39.6	32.4	48.6
86	63.2	50.4	75.6



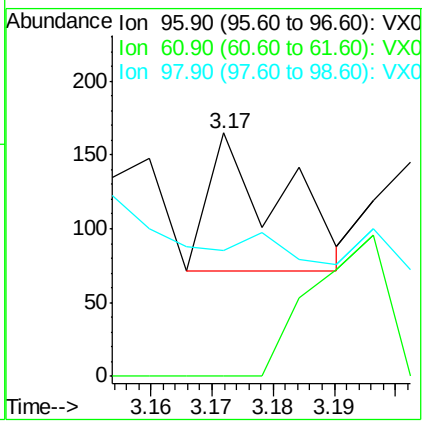


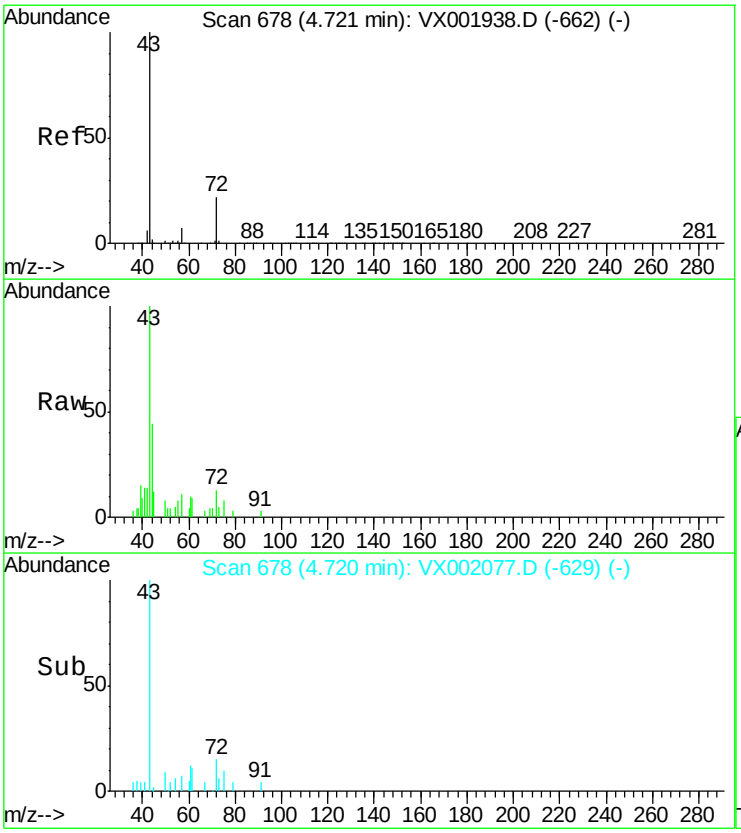
#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.17 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 78

Ion	Ratio	Lower	Upper
96	100		
61	0.0	113.3	169.9#
98	9.6	51.7	77.5#

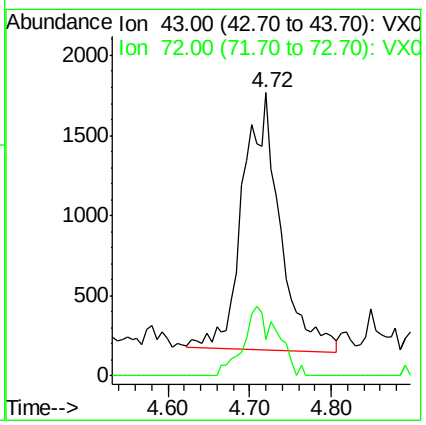


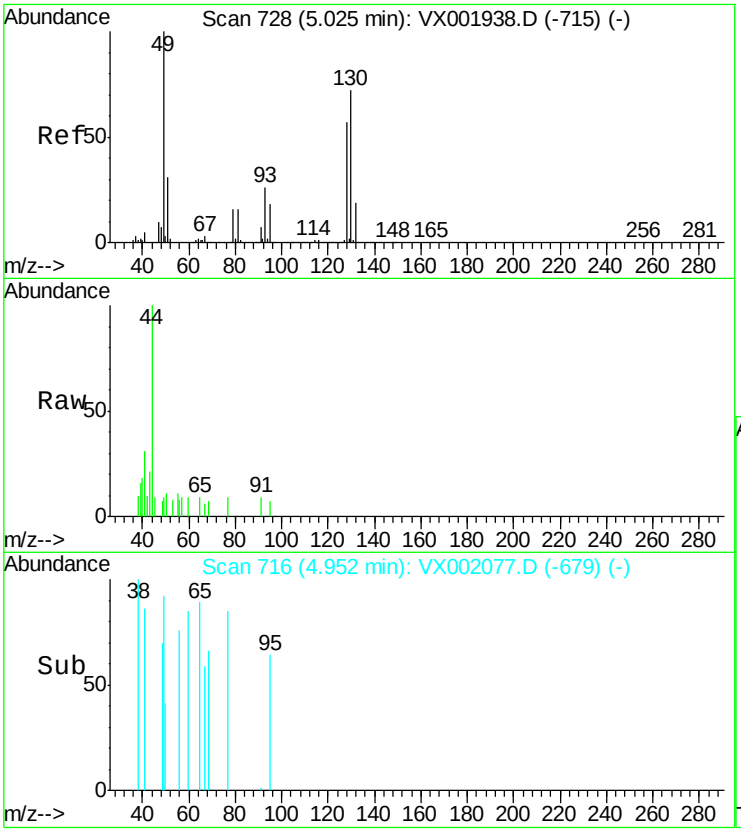


#25
2-Butanone
Concen: 1.26 ug/l
RT: 4.72 min Scan# 678
Delta R.T. -0.00 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Tgt Ion: 43 Resp: 5130

Ion	Ratio	Lower	Upper
43	100		
72	14.3	17.9	26.9#



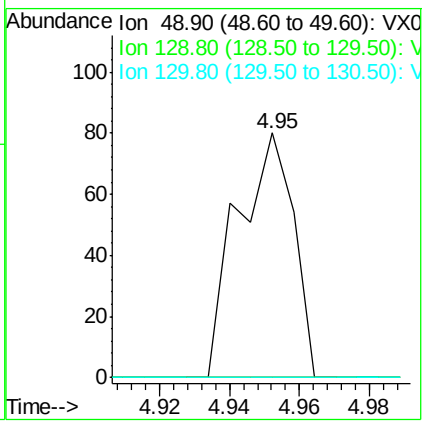


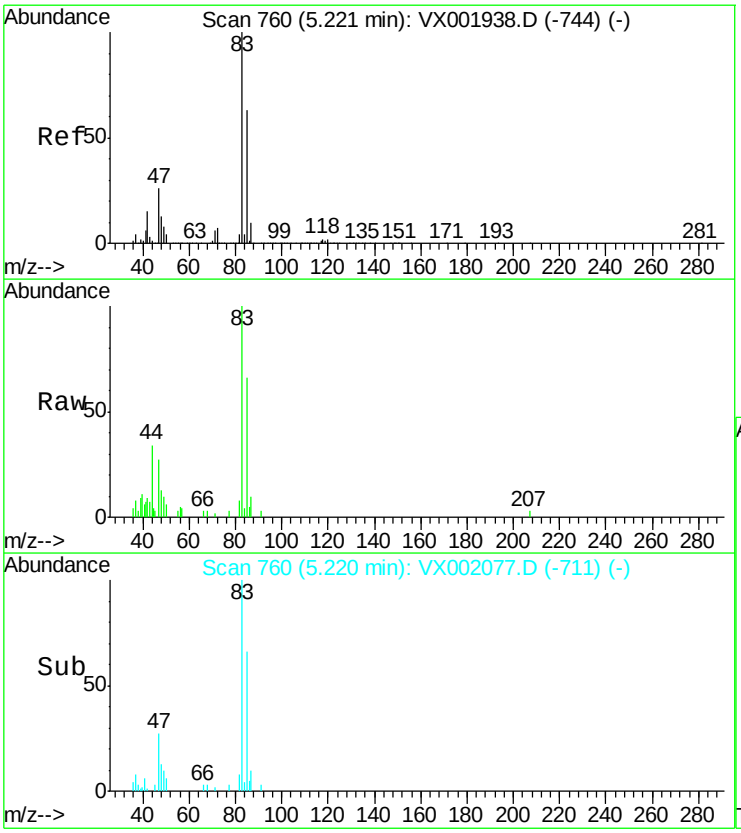
#28
Bromochloromethane
Concen: Below Cal
RT: 4.95 min Scan# 716
Delta R.T. -0.07 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 49 Resp: 89

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	59.4	89.2#

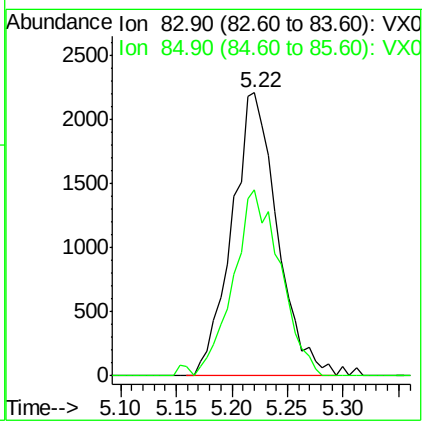


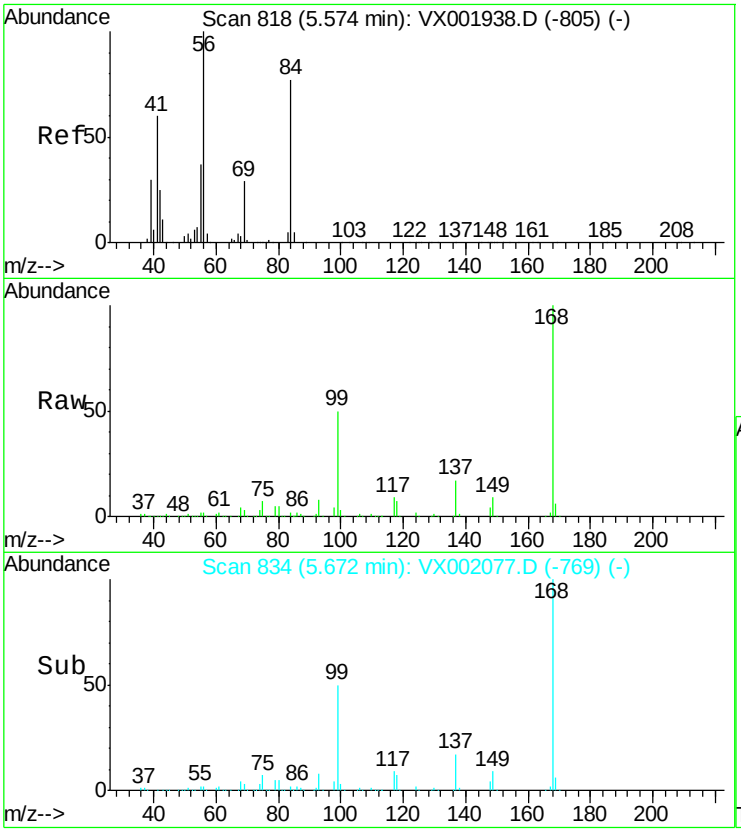


#30
Chloroform
Concen: 0.73 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Tgt Ion: 83 Resp: 6248

Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.9	76.3



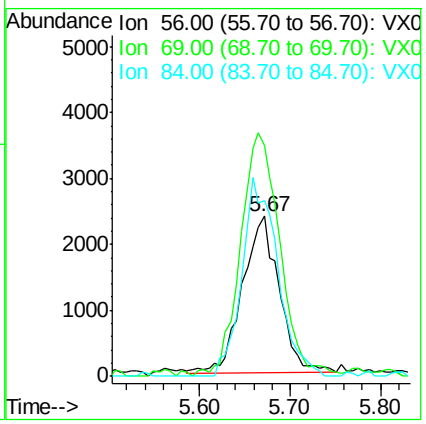


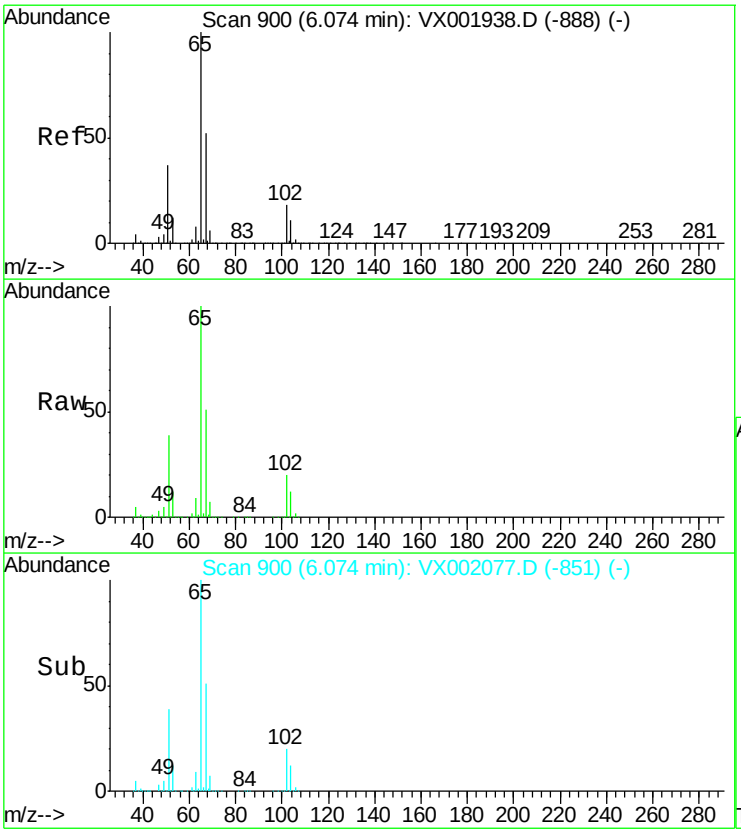
#31
Cyclohexane
Concen: 0.83 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.10 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 6634

Ion	Ratio	Lower	Upper
56	100		
69	146.5	23.1	34.7#
84	113.3	62.0	93.0#

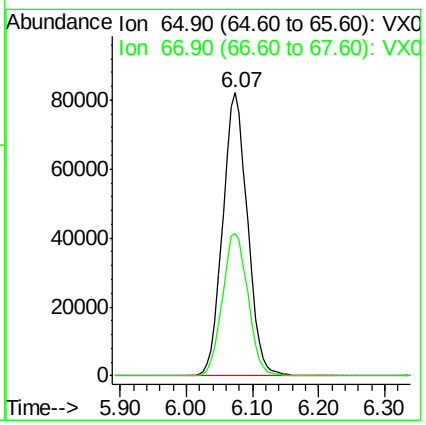


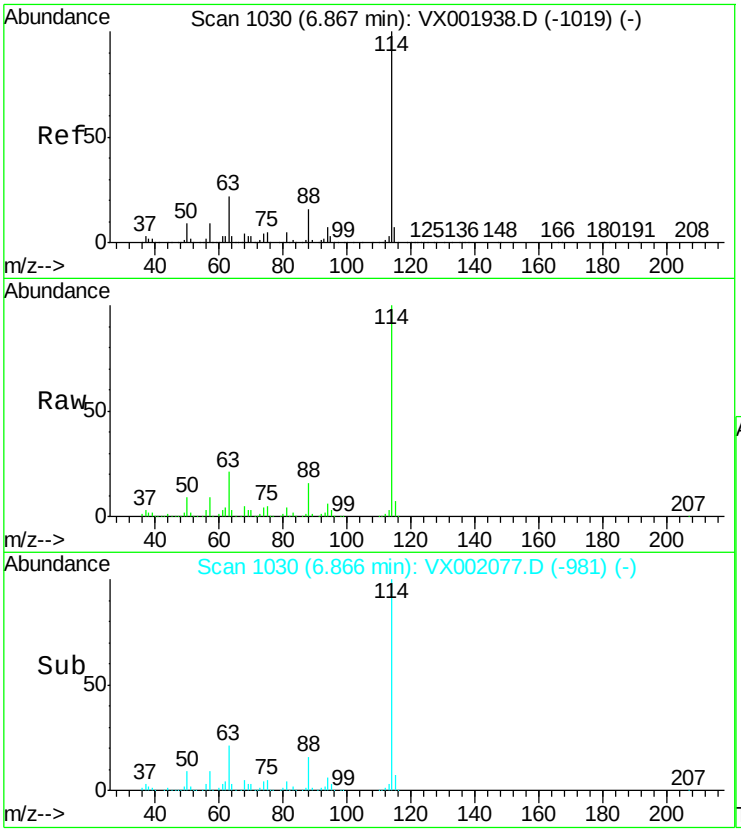


#33
1,2-Dichloroethane-d4
Concen: 36.91 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Tgt Ion: 65 Resp: 213237

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.0



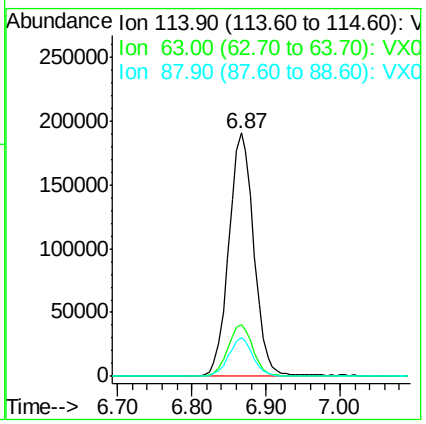


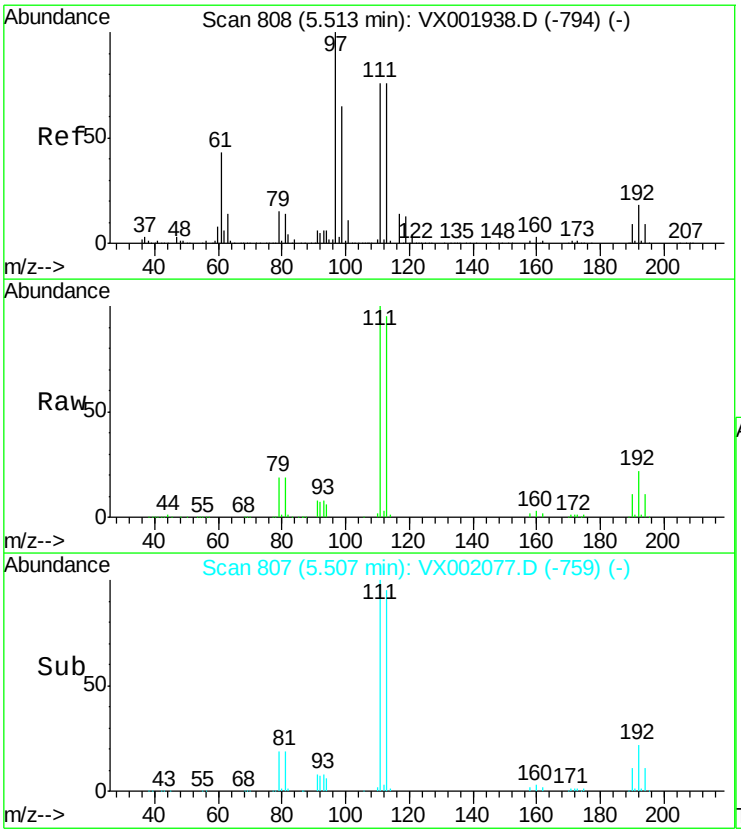
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 450212

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.2
88	16.1	0.0	31.6

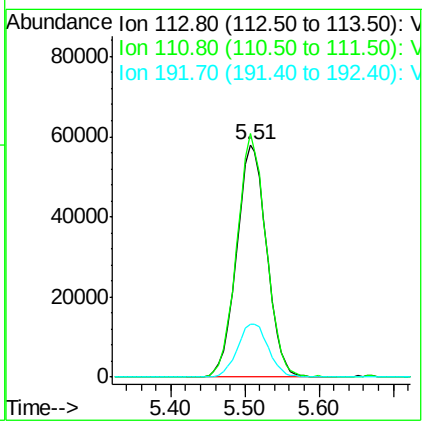


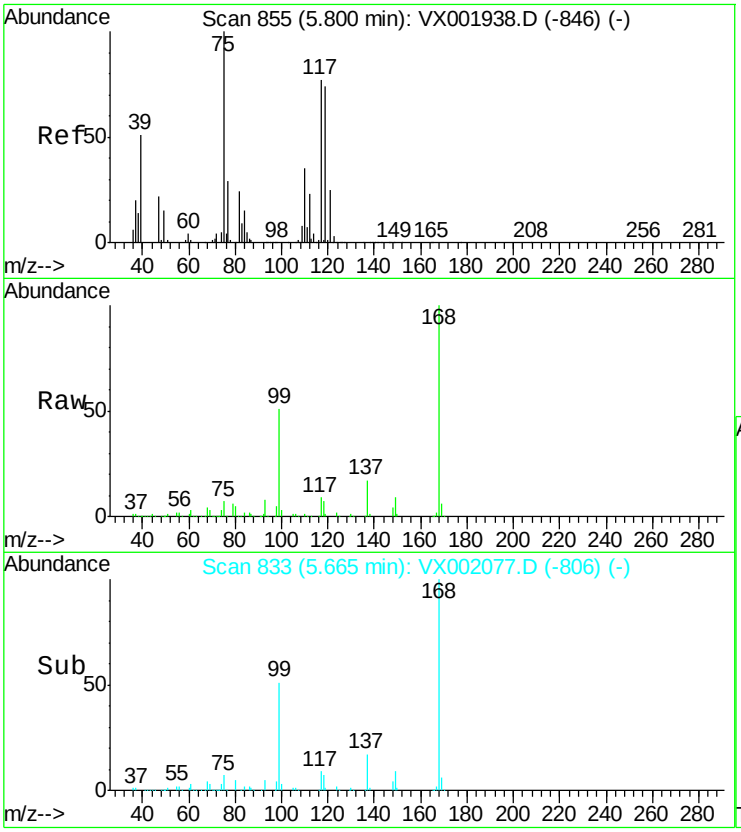


#35
Dibromofluoromethane
Concen: 36.44 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Tgt Ion:113 Resp: 164080

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	23.6	18.9	28.3



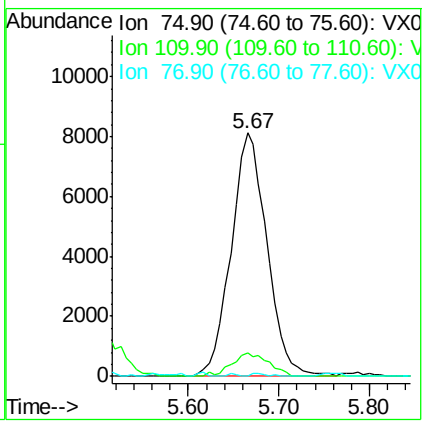


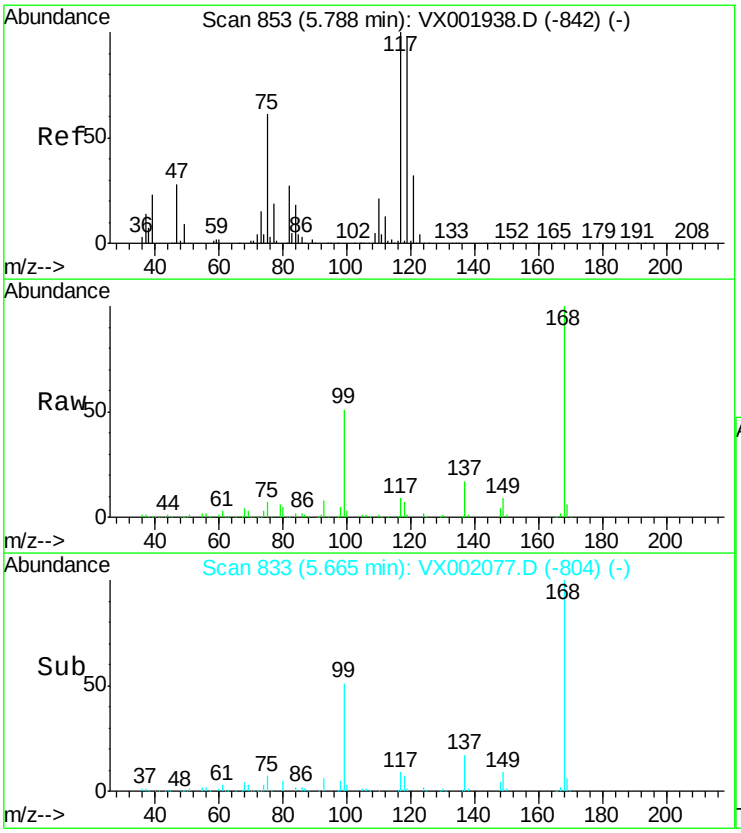
#36
1,1-Dichloropropene
Concen: 3.55 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.13 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 22235

Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.4	52.2#
77	0.5	24.4	36.6#

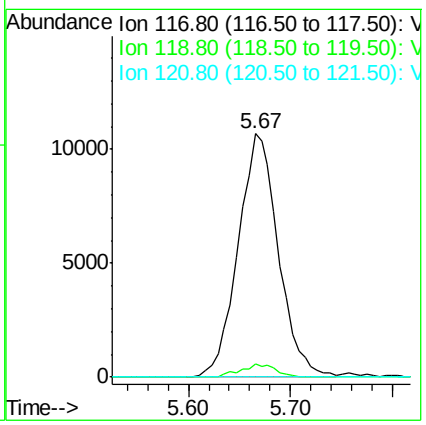


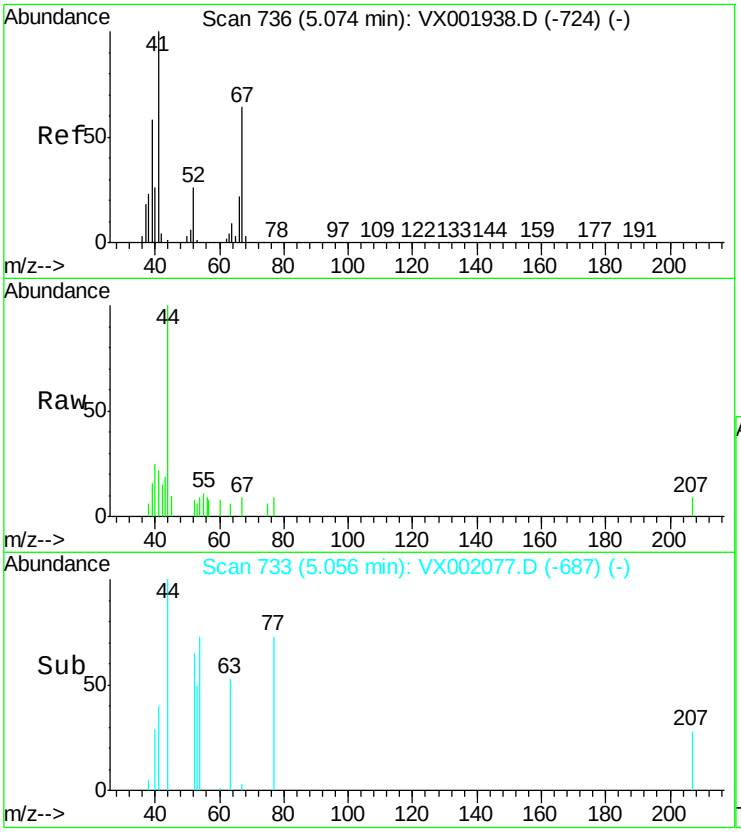


#38
Carbon Tetrachloride
Concen: 4.01 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Tgt Ion:117 Resp: 29249

Ion	Ratio	Lower	Upper
117	100		
119	5.5	78.5	117.7#
121	0.0	25.5	38.3#



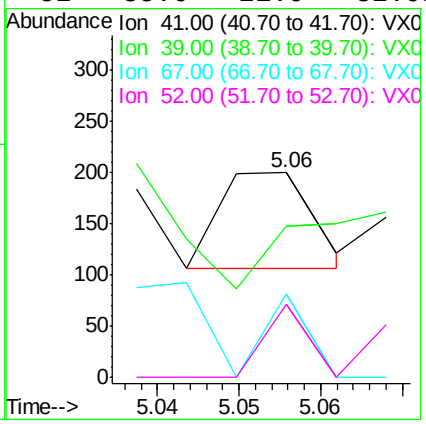


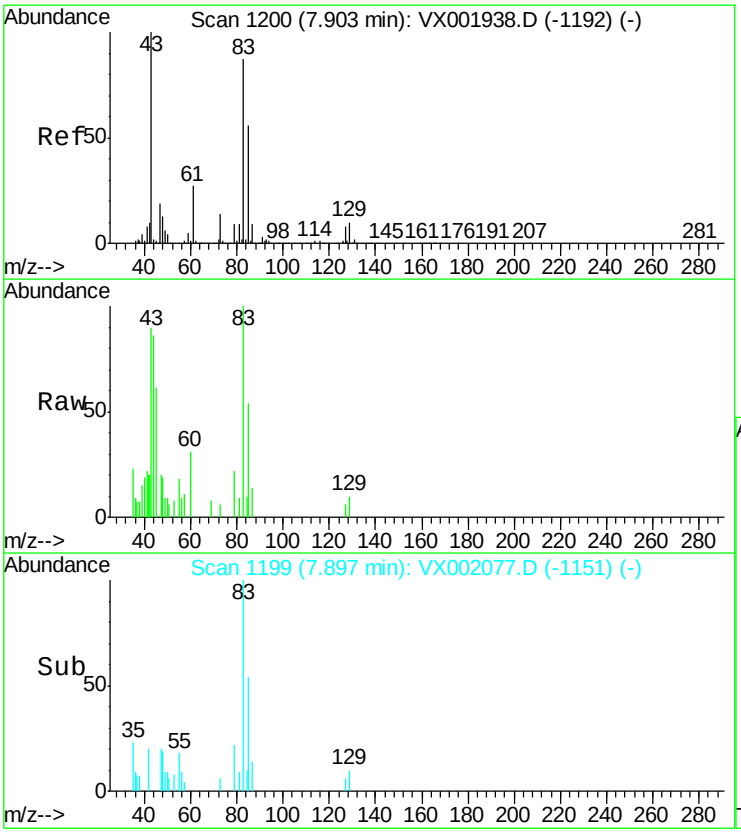
#41
Methacrylonitrile
Concen: Below Cal
RT: 5.06 min Scan# 733
Delta R.T. -0.02 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 73

Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.0	69.0#
67	131.5	50.6	75.8#
52	35.6	21.9	32.9#

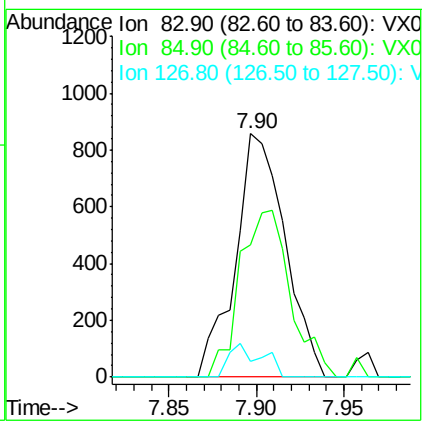


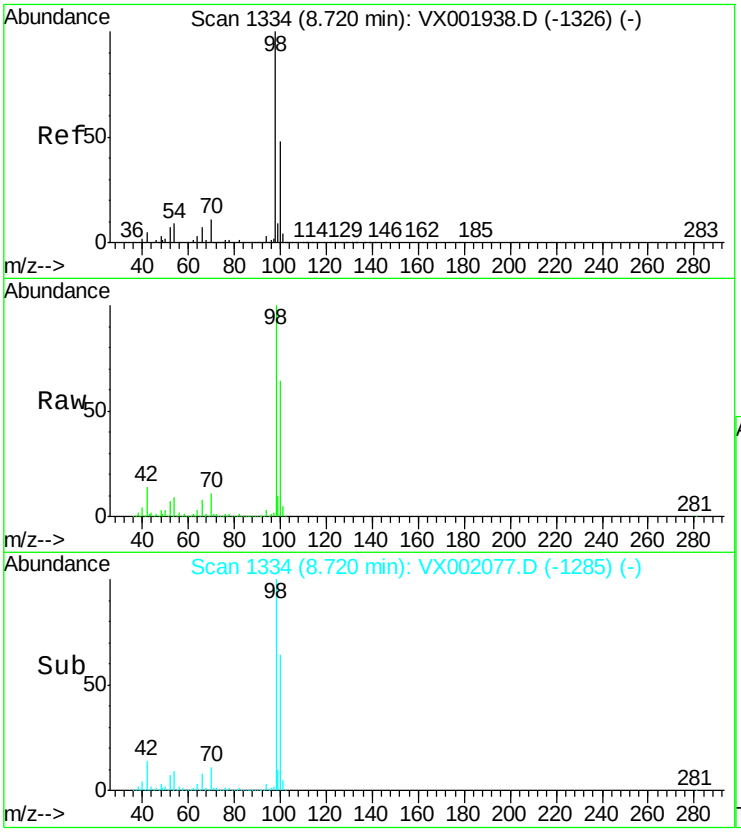


#47
Bromodichloromethane
Concen: 0.24 ug/l
RT: 7.90 min Scan# 1199
Delta R.T. -0.01 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Tgt Ion: 83 Resp: 1696

Ion	Ratio	Lower	Upper
83	100		
85	54.4	51.4	77.2
127	6.4	7.1	10.7#



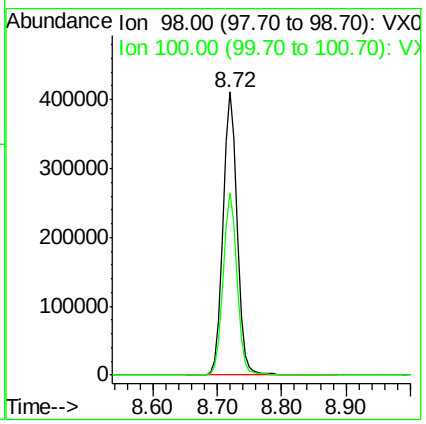


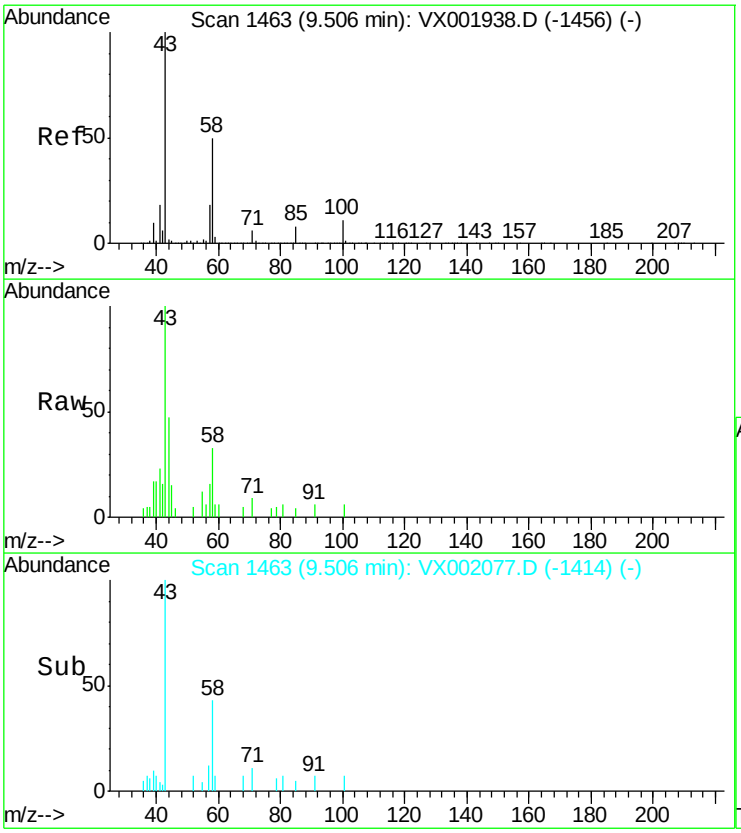
#50
Toluene-d8
Concen: 39.29 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 640329

Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.5	77.3

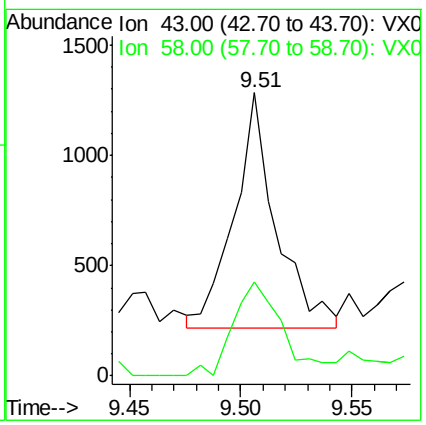


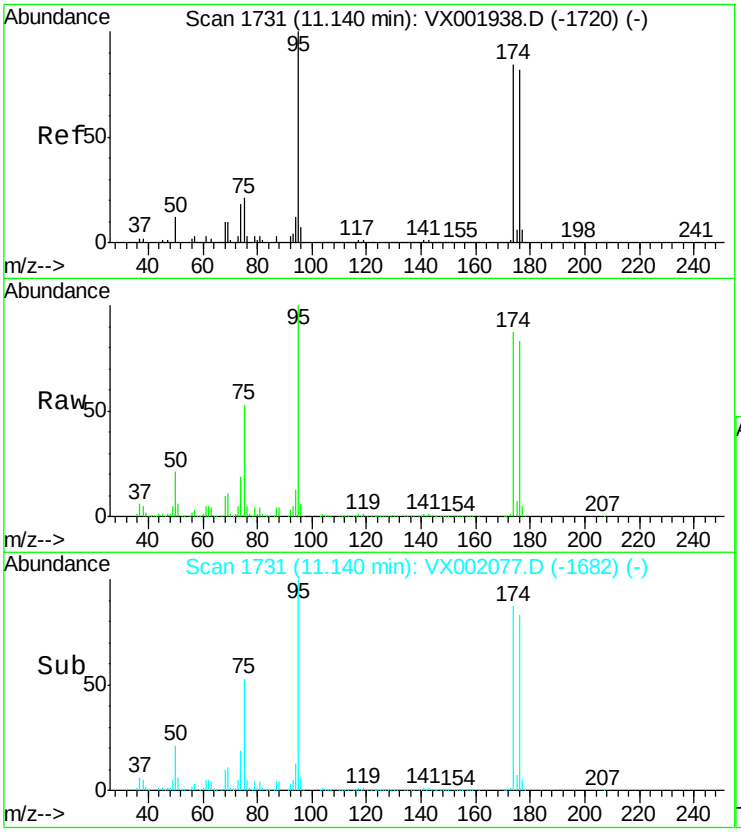


#59
2-Hexanone
Concen: 0.22 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Tgt Ion: 43 Resp: 1391

Ion	Ratio	Lower	Upper
43	100		
58	46.7	24.9	74.6



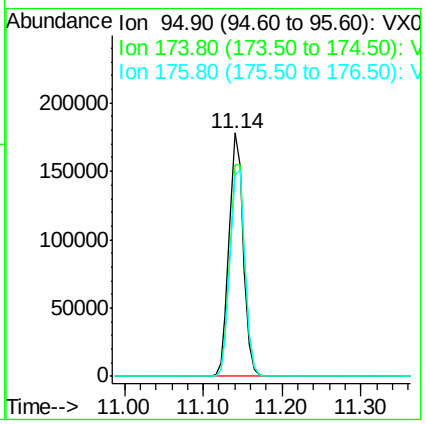


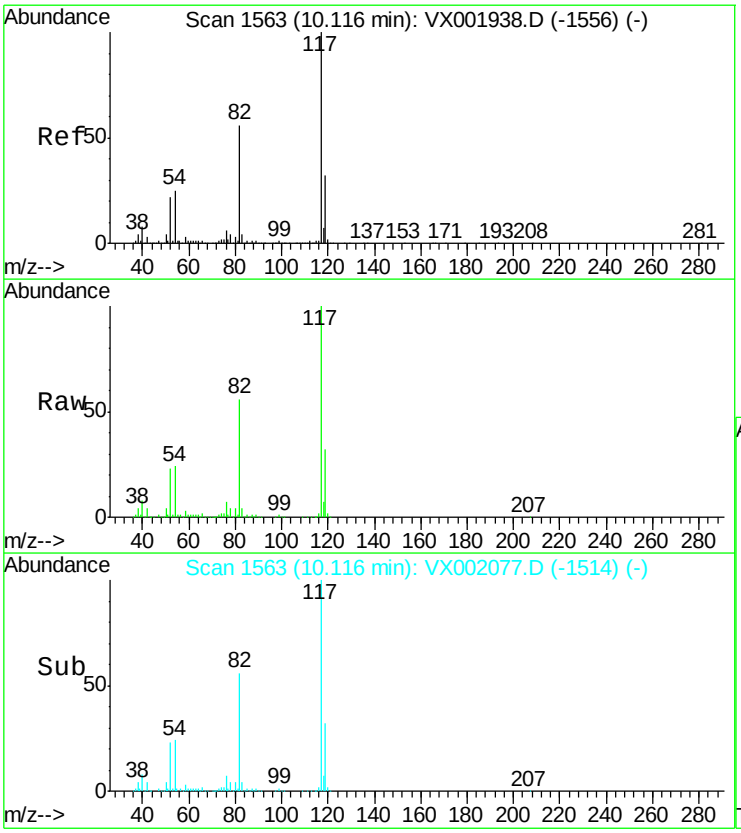
#62
4-Bromofluorobenzene
Concen: 35.20 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 224461

Ion	Ratio	Lower	Upper
95	100		
174	92.4	0.0	178.8
176	90.0	0.0	175.6

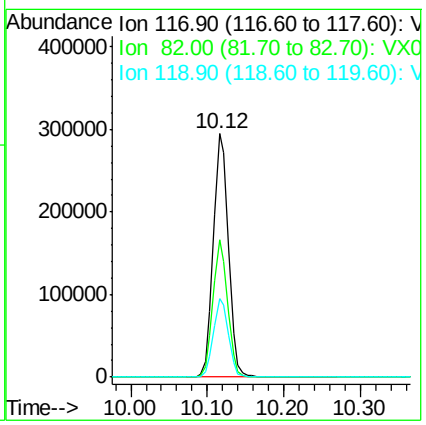


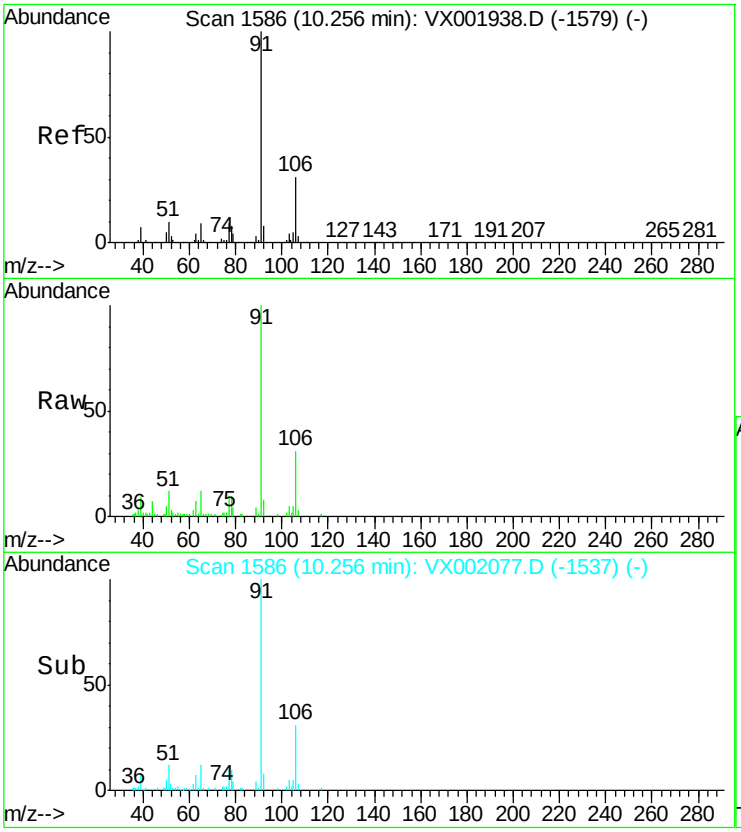


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Tgt Ion:117 Resp: 403878

Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.8	67.2
119	32.5	25.5	38.3



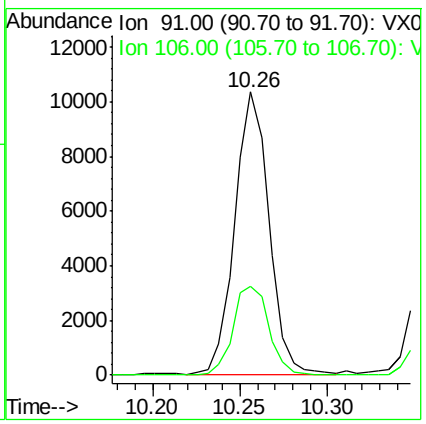


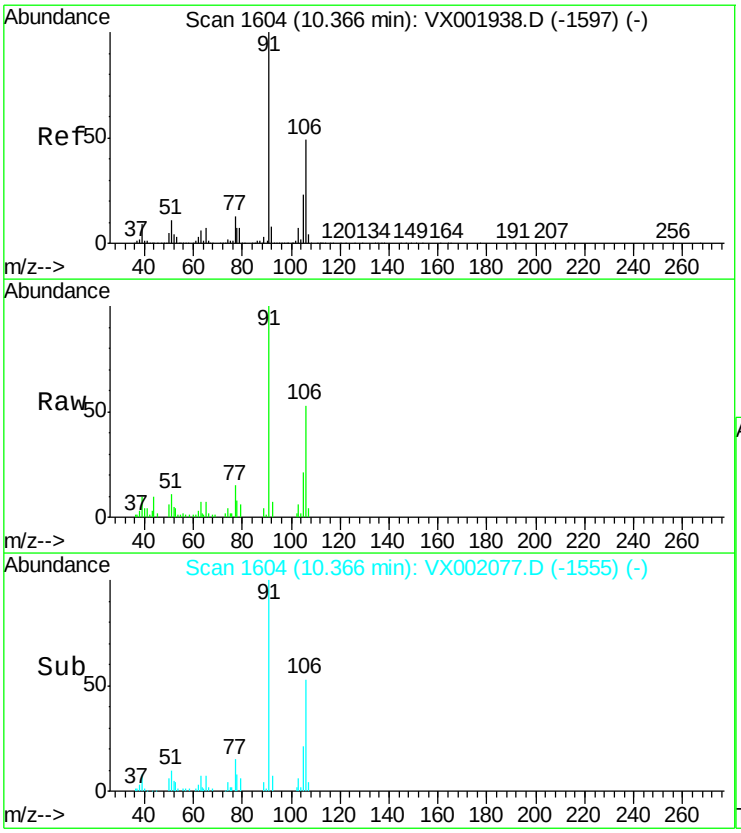
#67
Ethyl Benzene
Concen: 0.64 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 14184

Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.0	37.6

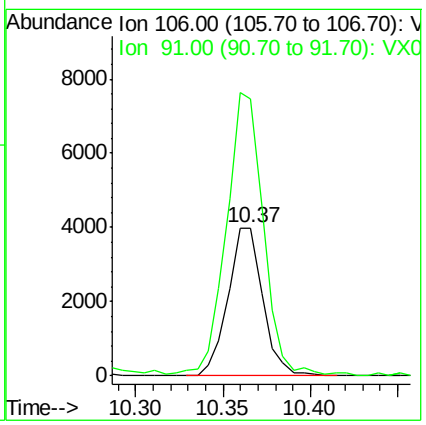


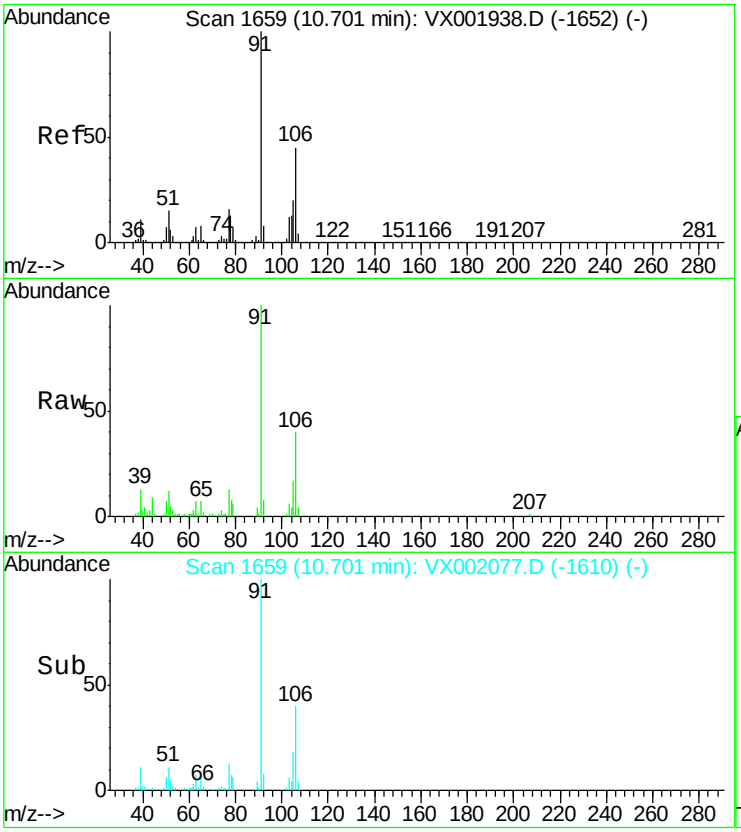


#68
m/p-Xylenes
Concen: 0.65 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Tgt Ion:106 Resp: 5508

Ion	Ratio	Lower	Upper
106	100		
91	205.3	165.0	247.6



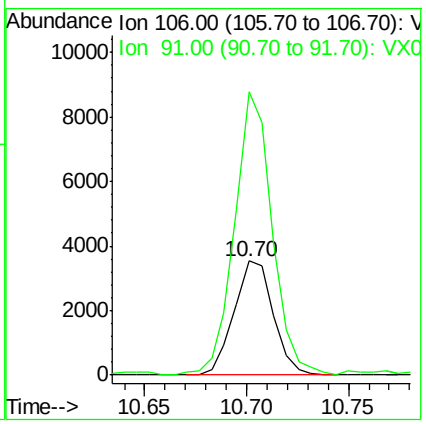


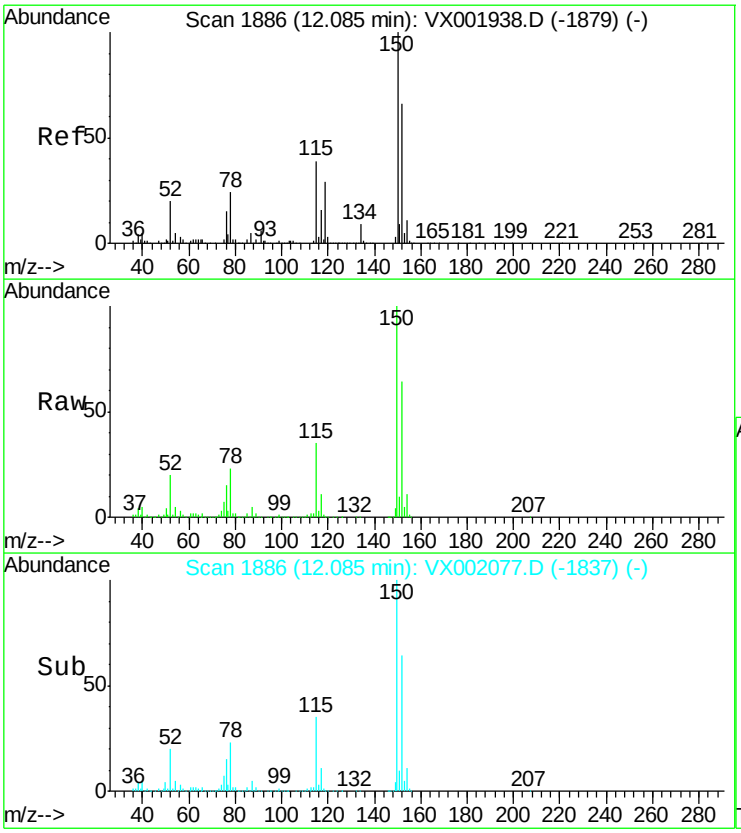
#69
o-Xylene
Concen: 0.56 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 4734

Ion	Ratio	Lower	Upper
106	100		
91	237.5	108.7	325.9

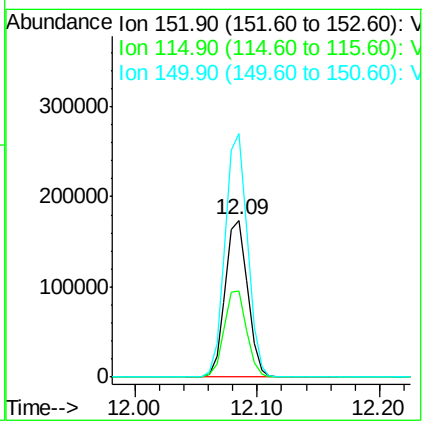


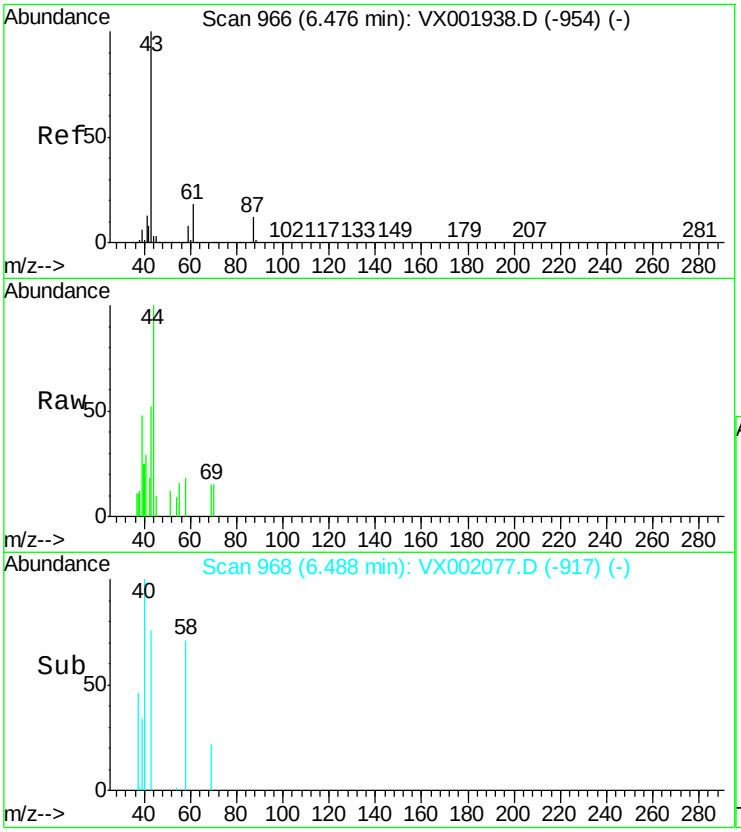


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Tgt Ion:152 Resp: 219738

Ion	Ratio	Lower	Upper
152	100		
115	55.3	42.3	126.8
150	155.2	0.0	351.0



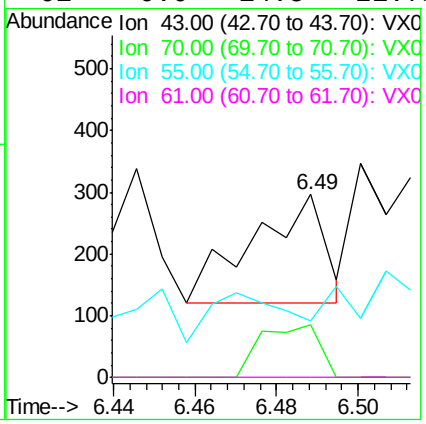


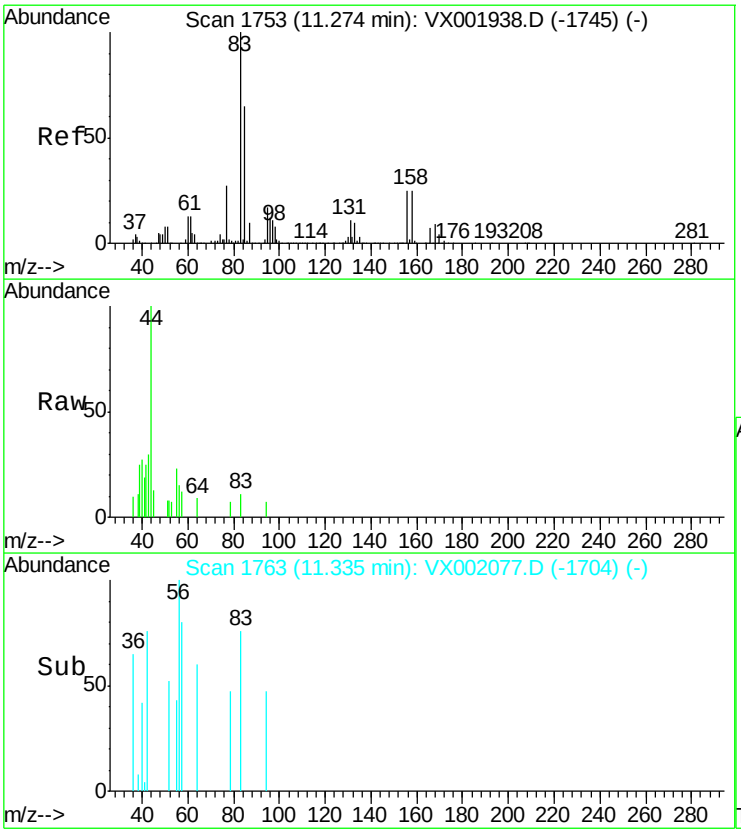
#74
N-amyl acetate
Concen: Below Cal
RT: 6.49 min Scan# 968
Delta R.T. 0.01 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 217

Ion	Ratio	Lower	Upper
43	100		
70	39.2	0.1	0.1#
55	48.8	0.1	0.1#
61	0.0	14.5	21.7#

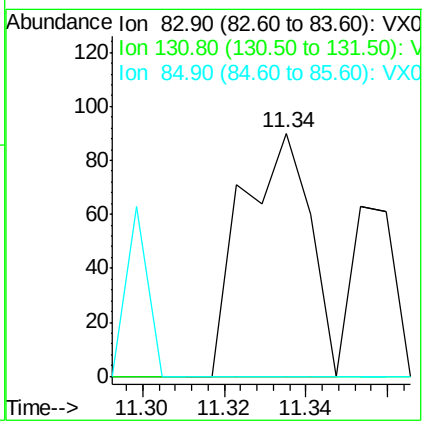


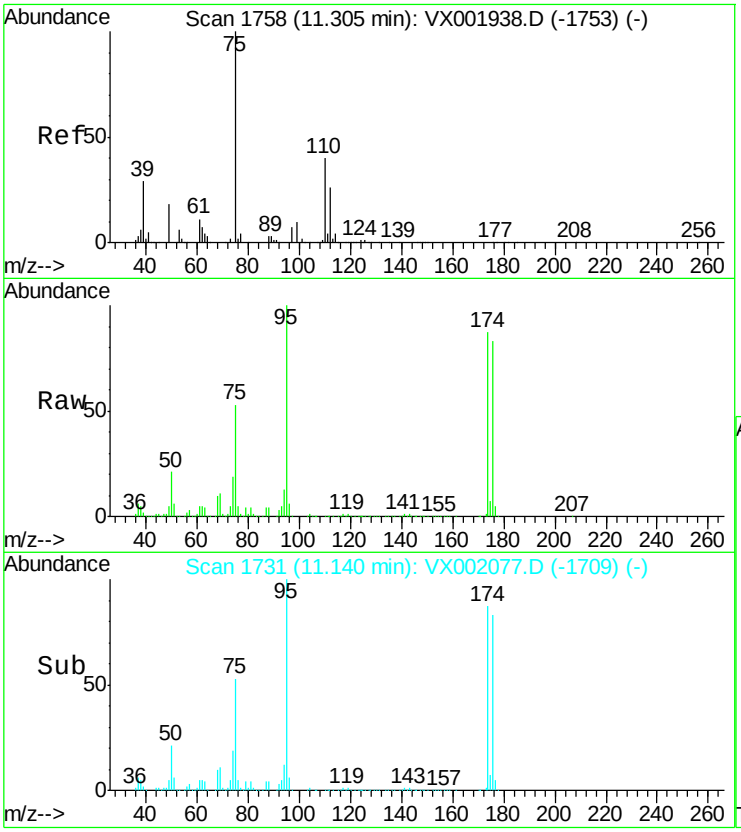


#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.34 min Scan# 1763
Delta R.T. 0.06 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Tgt Ion: 83 Resp: 104

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.7	17.0#
85	0.0	32.6	97.7#



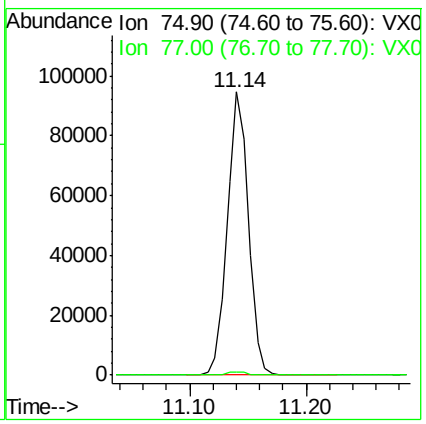


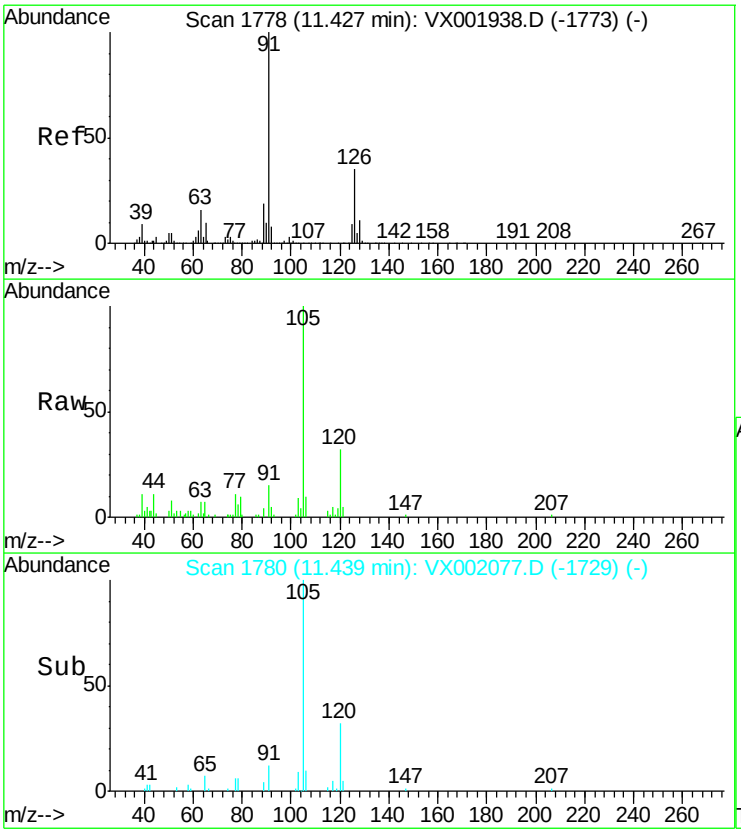
#76
1,2,3-Trichloropropane
Concen: 22.57 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.16 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 119113

Ion	Ratio	Lower	Upper
75	100		
77	1.2	22.8	68.3#

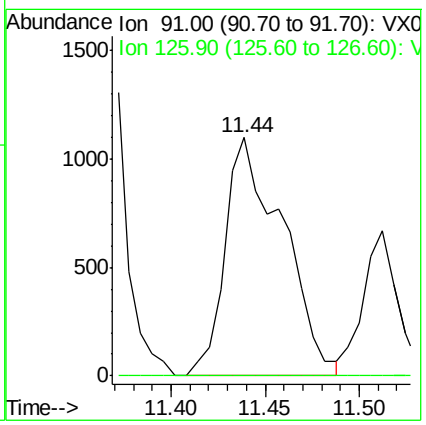


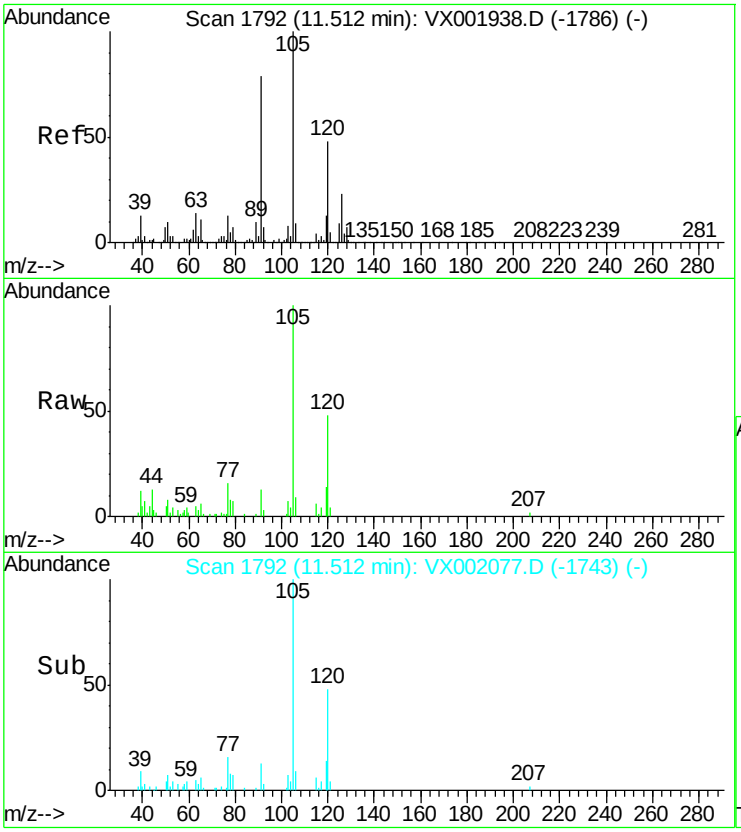


#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.44 min Scan# 1780
Delta R.T. 0.01 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Tgt Ion: 91 Resp: 2344

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.4	52.2#



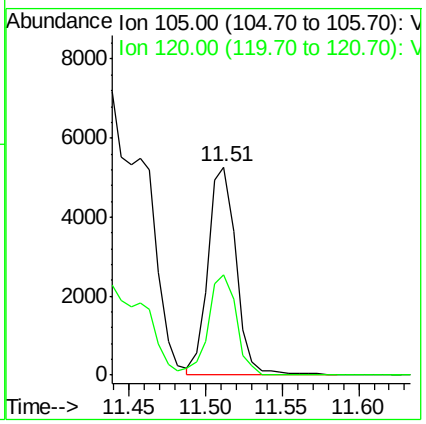


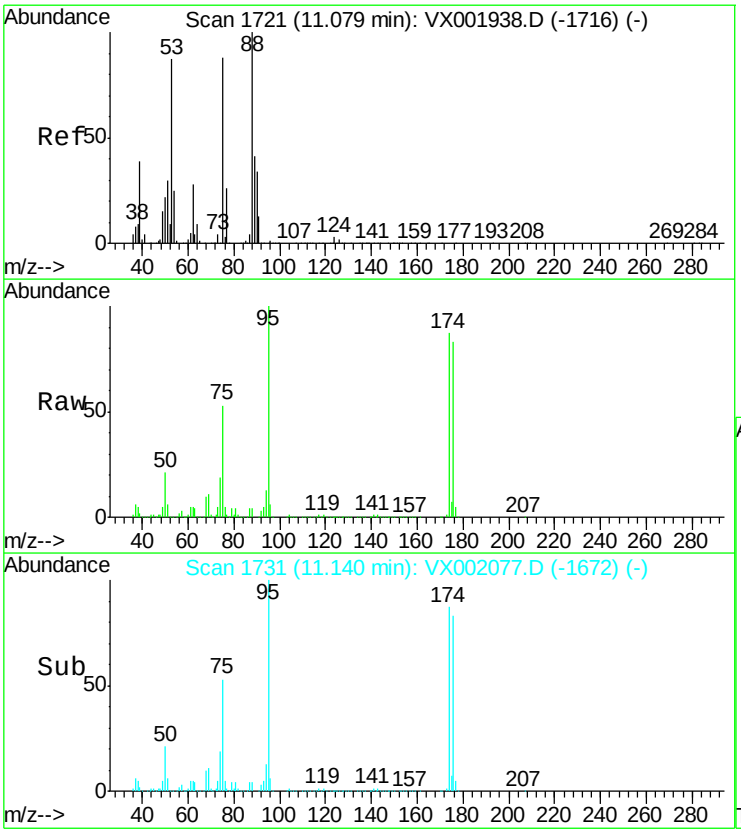
#80
1,3,5-Trimethylbenzene
Concen: 0.43 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 6769

Ion	Ratio	Lower	Upper
105	100		
120	47.7	24.1	72.4

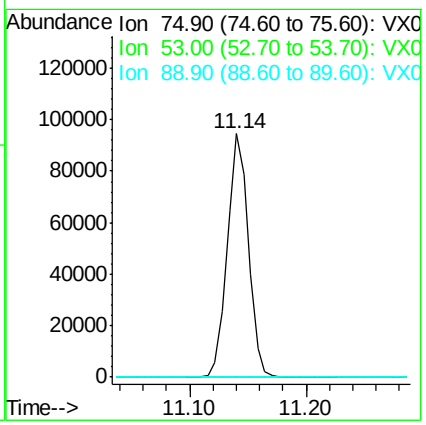


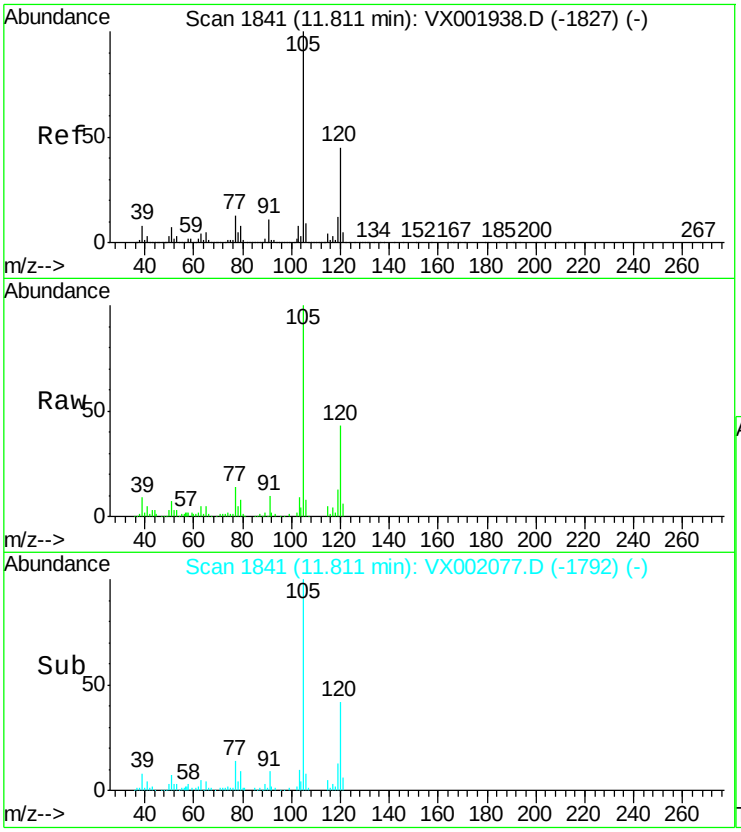


#81
trans-1,4-Dichloro-2-butene
Concen: 54.24 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Tgt Ion: 75 Resp: 119113

Ion	Ratio	Lower	Upper
75	100		
53	0.1	78.0	117.0#
89	0.0	39.4	59.2#



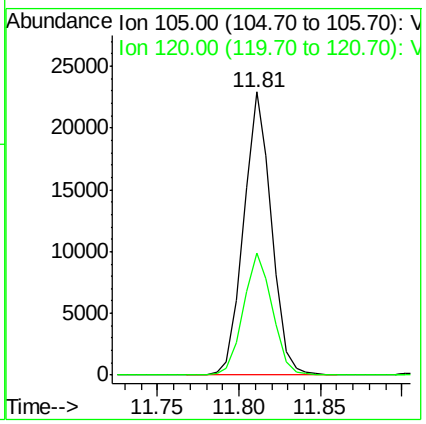


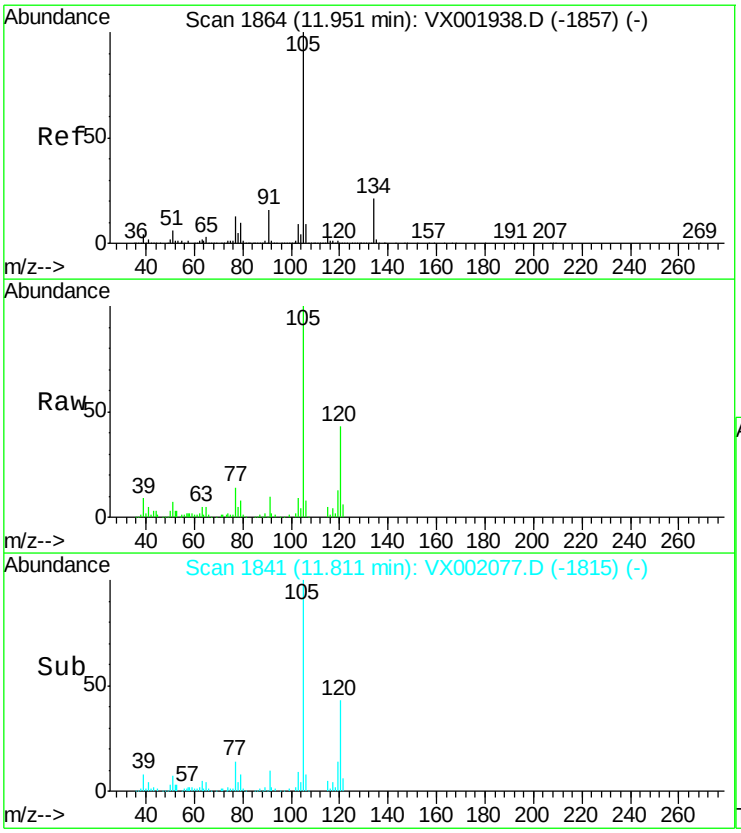
#84
1,2,4-Trimethylbenzene
Concen: 1.65 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 27123

Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.1	66.5

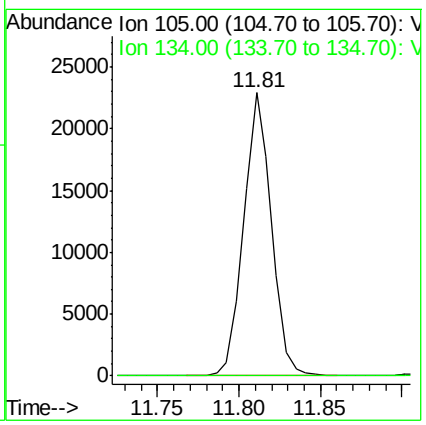


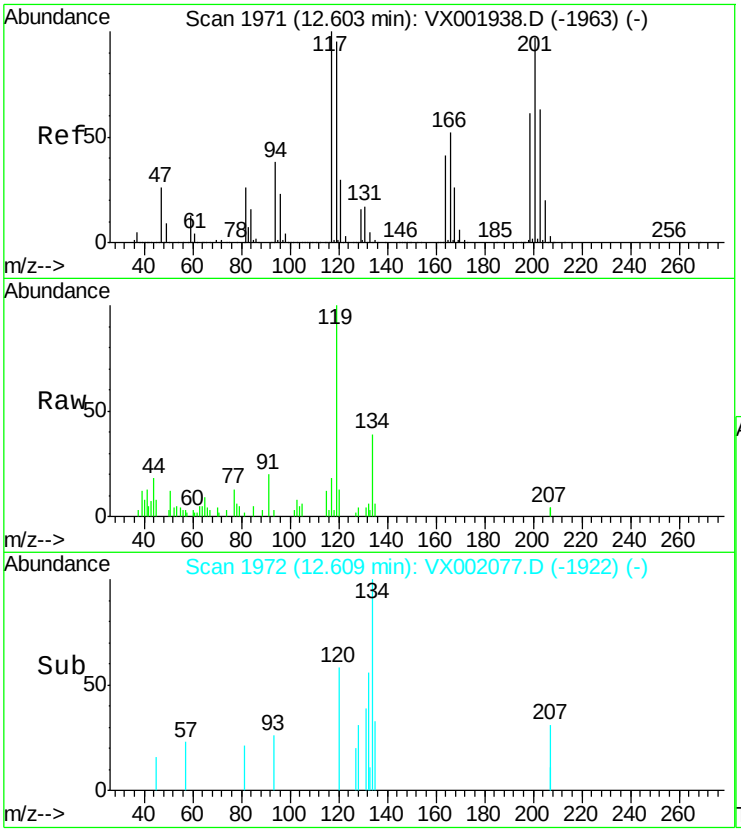


#85
sec-Butylbenzene
Concen: 1.45 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.14 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Tgt Ion:105 Resp: 27123

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.4	31.4#



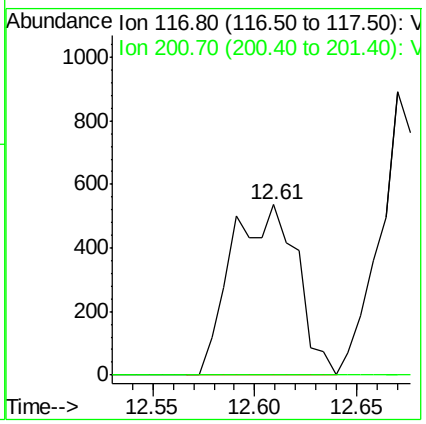


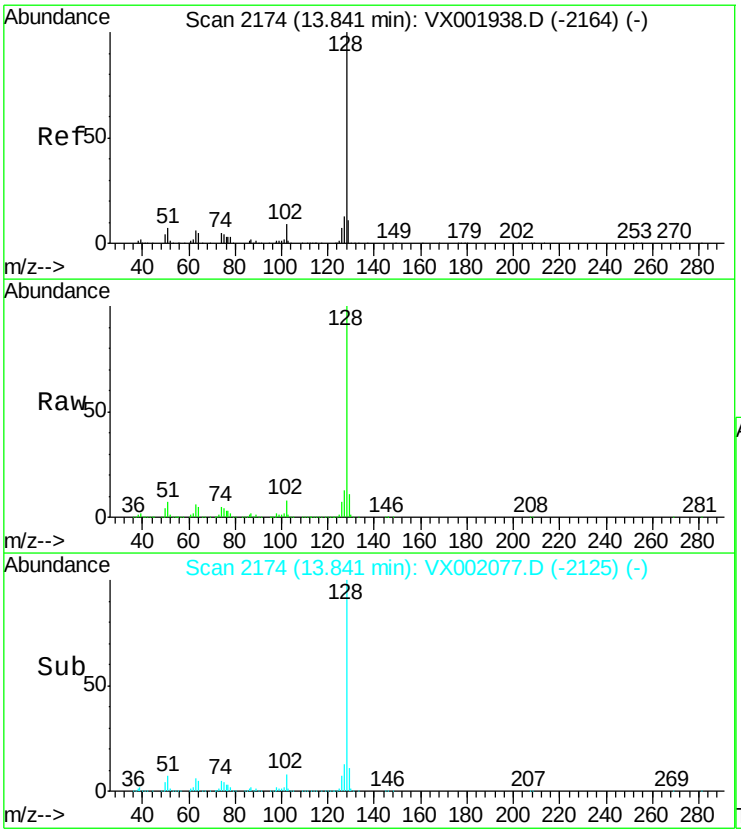
#90
Hexachloroethane
Concen: 0.36 ug/l
RT: 12.61 min Scan# 1972
Delta R.T. 0.01 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 1194

Ion	Ratio	Lower	Upper
117	100		
201	0.0	48.0	144.0#





#95
Naphthalene
Concen: 26.62 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002077.D
Acq: 27 May 2018 19:04

Tgt Ion:128 Resp: 528369

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.1	8.8	13.2