Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032018\

Quantitation Report (Not Reviewed)

Data File : VX000366.D
Acq On : 20 Mar 2018 18:03
Operator : JC/MD
Sample : J1974-02 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : YR18020063

Quant Time: Mar 21 04:38:58 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 20 14:01:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.68	168	100923	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.87	114	176850	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.12	117	163359	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	77440	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.08	65	69299	52.60	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.20%				
35) Dibromofluoromethane	5.51	113	54473	48.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.78%				
50) Toluene-d8	8.73	98	216022	46.81	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.62%				
62) 4-Bromofluorobenzene	11.15	95	70250	37.75	ug/l		0.00
Spiked Amount 50.000			Recovery = 75.50%				
Target Compounds							Qvalue
6) Chloroethane	1.76	64	125	Below Cal		#	44
10) Methyl Iodide	2.52	142	75	4.33	ug/l	#	37
13) Acrolein	2.30	56	31	14.78	ug/l		97
14) Allyl chloride	2.73	41	101	Below Cal		#	22
15) Acrylonitrile	3.16	53	209	0.23	ug/l	#	45
16) Acetone	2.45	43	1503	1.37	ug/l	#	80
17) Carbon Disulfide	2.58	76	591	0.22	ug/l		96
20) Methylene Chloride	2.86	84	1769	1.40	ug/l		94
36) 1,1-Dichloropropene	5.68	75	8076	4.88	ug/l	#	50
38) Carbon Tetrachloride	5.68	117	9733	5.60	ug/l	#	14
43) Isopropyl Acetate	6.49	43	855	0.25	ug/l	#	65
52) Toluene	8.79	92	2092	0.62	ug/l		96
67) Ethyl Benzene	10.26	91	4440	0.72	ug/l		92
68) m/p-Xylenes	10.37	106	3279	1.35	ug/l		90
69) o-Xylene	10.71	106	1438	0.61	ug/l		96
70) Styrene	10.72	104	2334	0.60	ug/l		99
74) N-amyl acetate	6.49	43	855	Below Cal		#	65
76) 1,2,3-Trichloropropane	11.15	75	40569	24.38	ug/l	#	35
79) 2-Chlorotoluene	11.44	91	847	0.24	ug/l	#	44
80) 1,3,5-Trimethylbenzene	11.51	105	1981	0.46	ug/l		89
81) trans-1,4-Dichloro-2-buten	11.15	75	40569	78.92	ug/l	#	9
84) 1,2,4-Trimethylbenzene	11.82	105	7906	1.75	ug/l		96
93) 1,2,4-Trichlorobenzene	13.65	180	1933	1.06	ug/l		97
95) Naphthalene	13.84	128	171670	27.13	ug/l		99
96) 1,2,3-Trichlorobenzene	14.03	180	645	0.36	ug/l		74

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

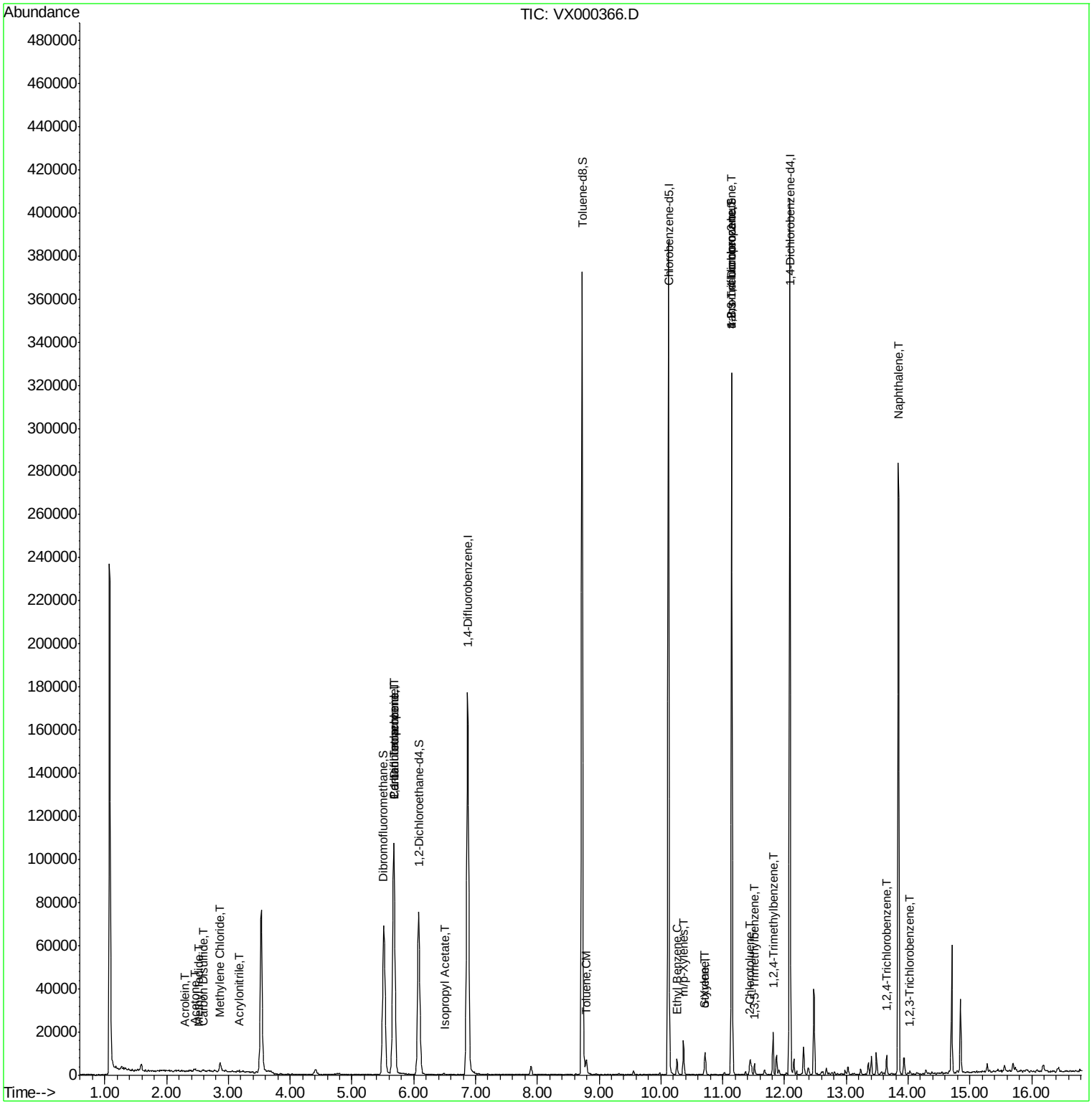
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032018\

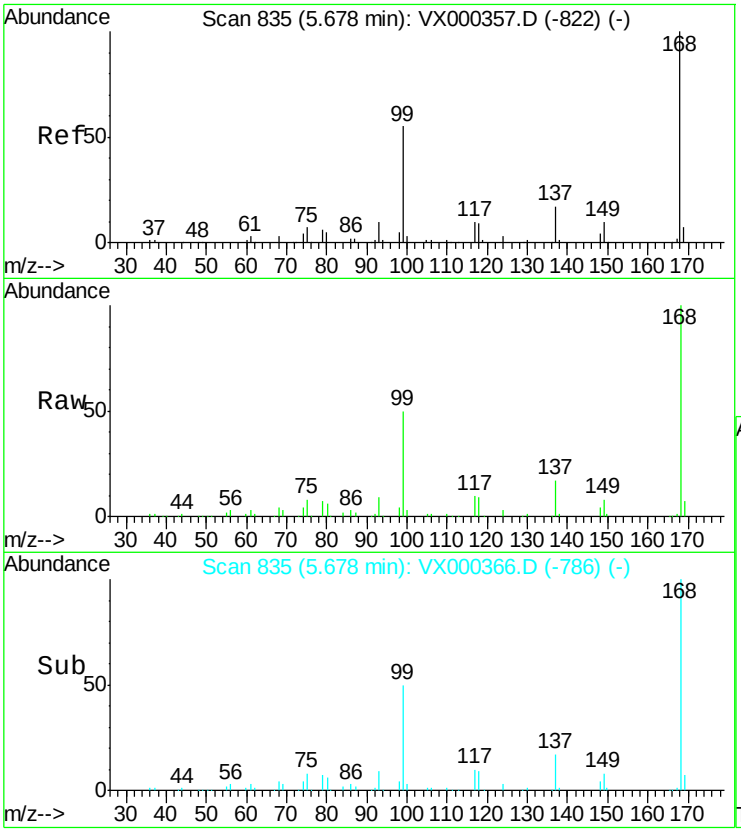
Quantitation Report (Not Reviewed)

Data File : VX000366.D
Acq On : 20 Mar 2018 18:03
Operator : JC/MD
Sample : J1974-02 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
YR18020063

Quant Time: Mar 21 04:38:58 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 20 14:01:51 2018
Response via : Initial Calibration



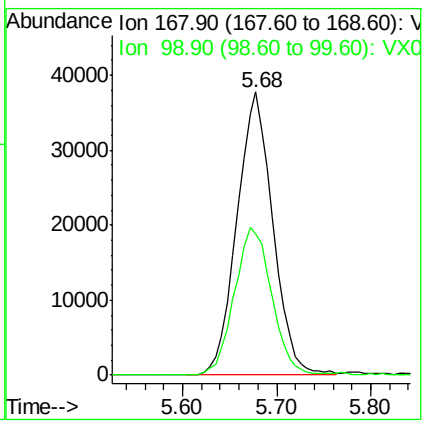


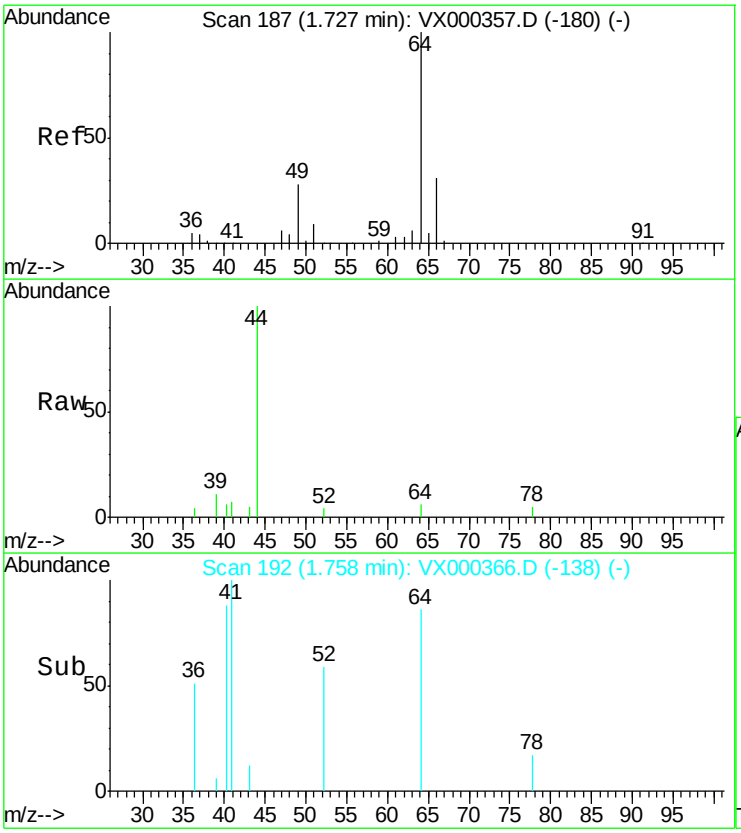
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.00 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Instrument :
MSVOA_X
ClientSampleId :
YR18020063

Tgt Ion:168 Resp: 100923

Ion	Ratio	Lower	Upper
168	100		
99	49.8	45.8	68.6

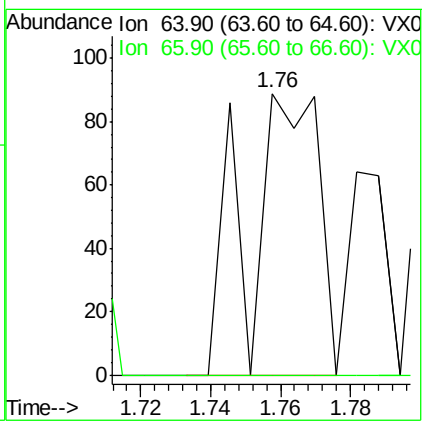


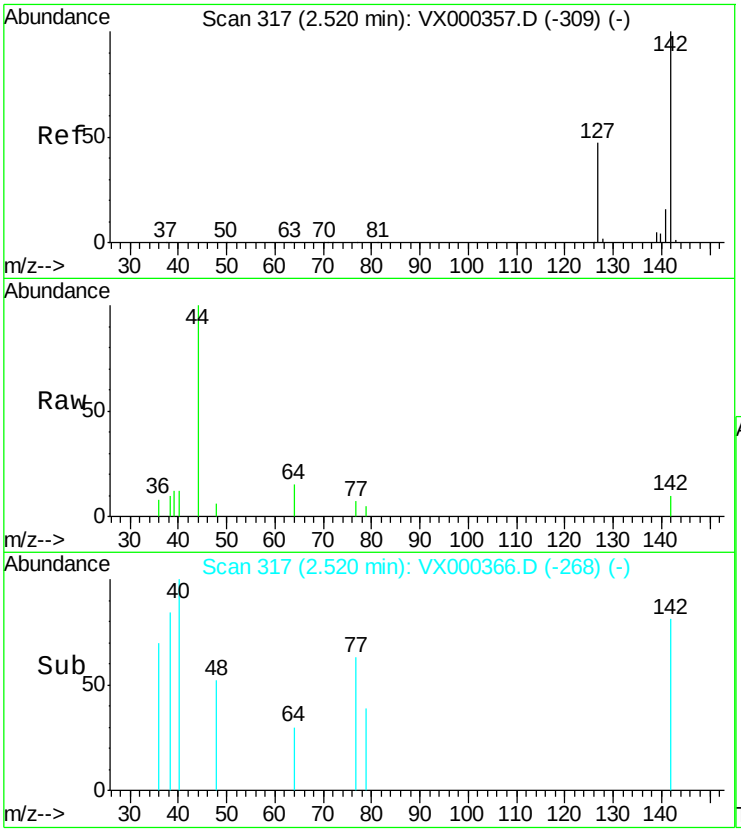


#6
Chloroethane
Concen: Below Cal
RT: 1.76 min Scan# 192
Delta R.T. 0.03 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Tgt Ion: 64 Resp: 125

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.8	37.2#



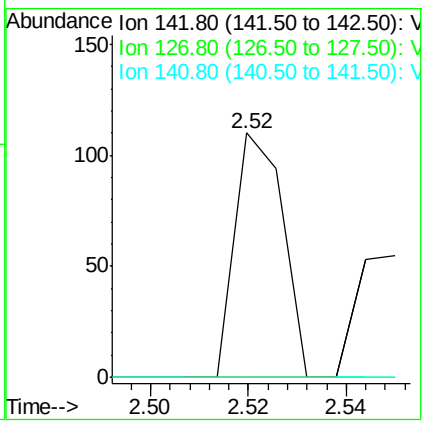


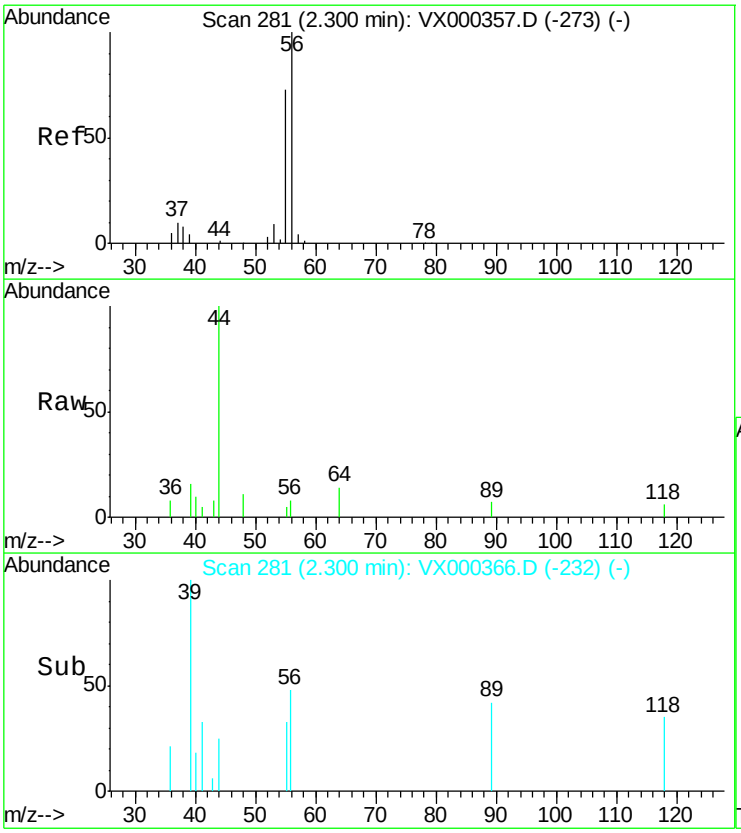
#10
Methyl Iodide
Concen: 4.33 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Instrument : MSVOA_X
ClientSampleId : YR18020063

Tgt Ion:142 Resp: 75

Ion	Ratio	Lower	Upper
142	100		
127	0.0	39.2	58.8#
141	0.0	11.7	17.5#

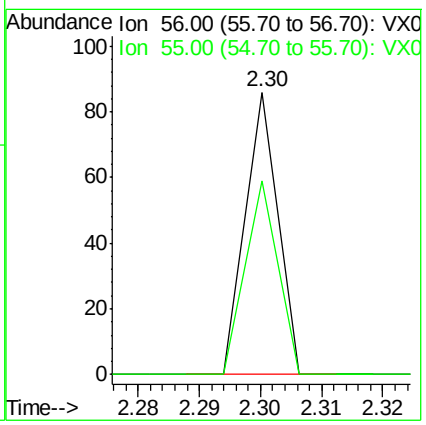


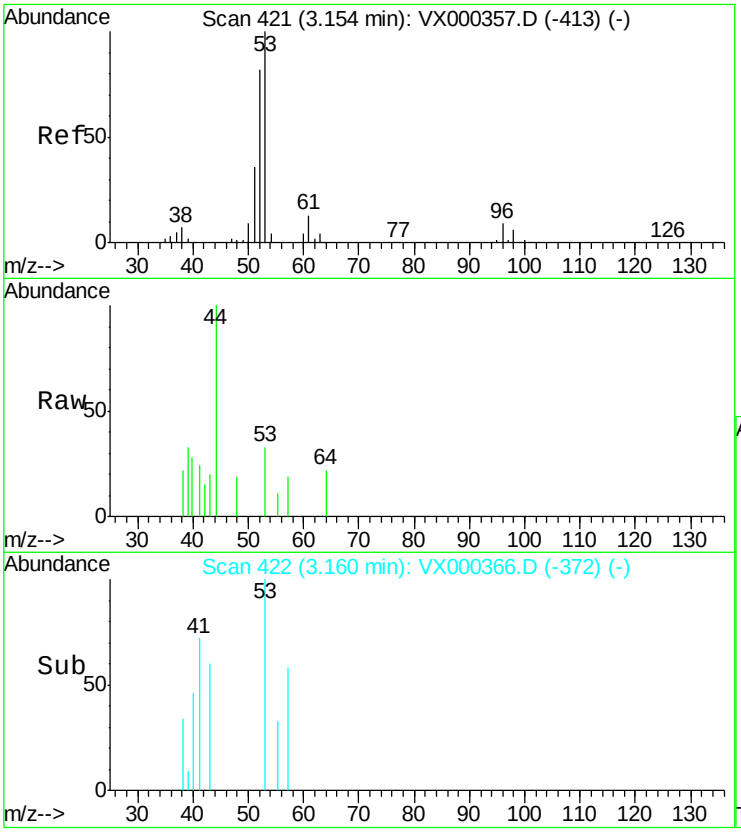


#13
Acrolein
Concen: 14.78 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Tgt Ion: 56 Resp: 31

Ion	Ratio	Lower	Upper
56	100		
55	71.0	58.8	88.2



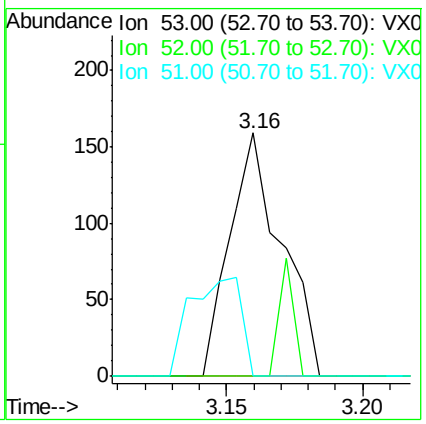


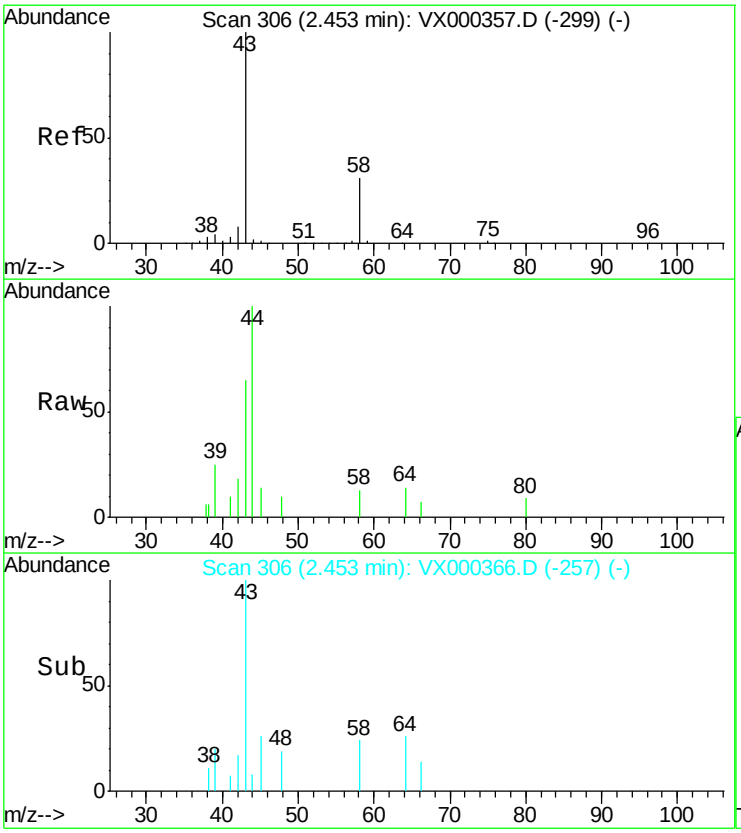
#15
Acrylonitrile
Concen: 0.23 ug/l
RT: 3.16 min Scan# 422
Delta R.T. 0.01 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Instrument : MSVOA_X
ClientSampleId : YR18020063

Tgt Ion: 53 Resp: 209

Ion	Ratio	Lower	Upper
53	100		
52	13.4	66.6	99.8#
51	39.7	29.3	43.9

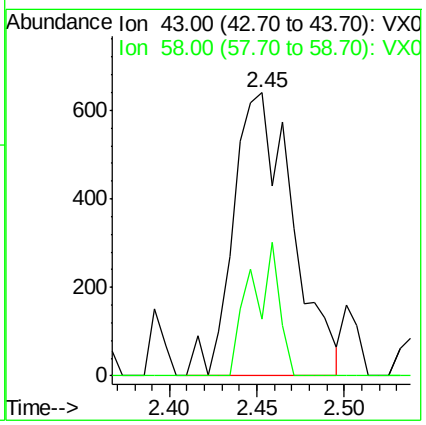


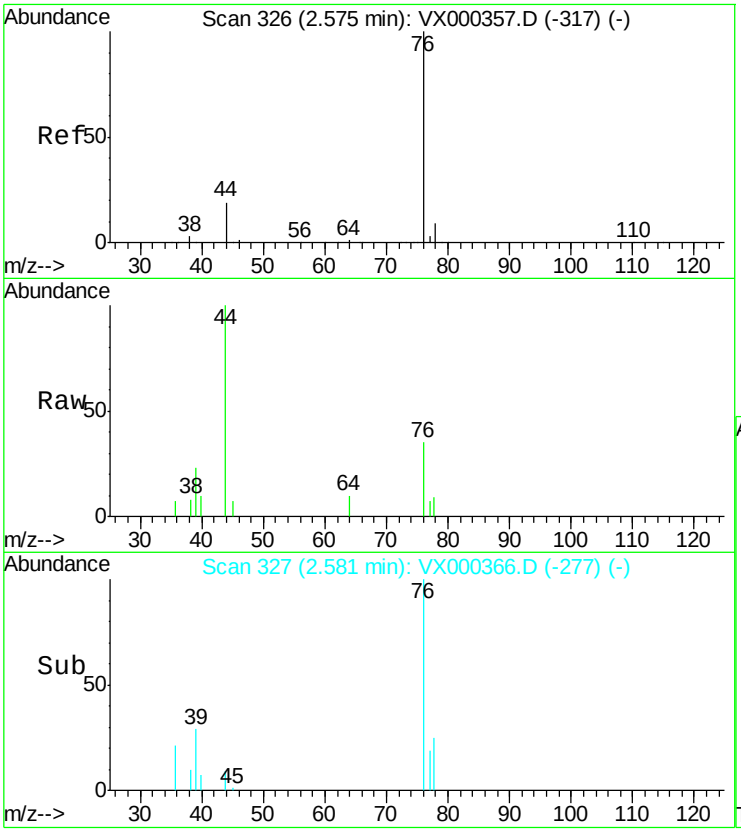


#16
Acetone
Concen: 1.37 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Tgt Ion: 43 Resp: 1503

Ion	Ratio	Lower	Upper
43	100		
58	20.0	24.7	37.1#



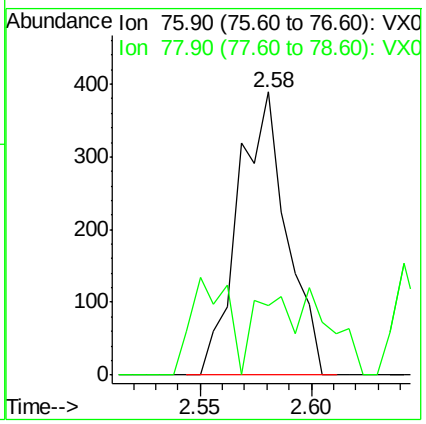


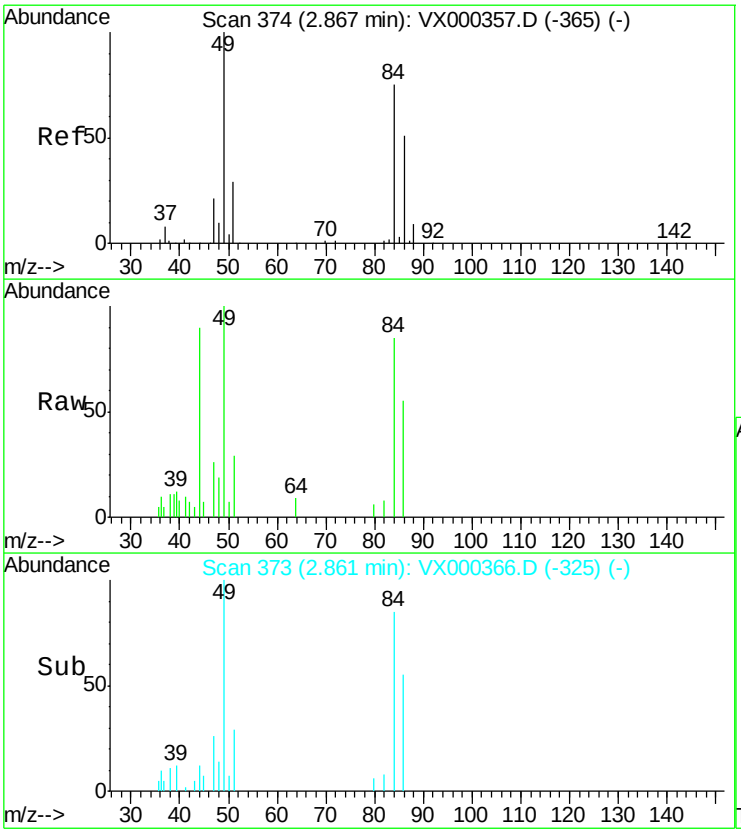
#17
Carbon Disulfide
Concen: 0.22 ug/l
RT: 2.58 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Instrument : MSVOA_X
ClientSampleId : YR18020063

Tgt Ion: 76 Resp: 591

Ion	Ratio	Lower	Upper
76	100		
78	10.3	7.0	10.6

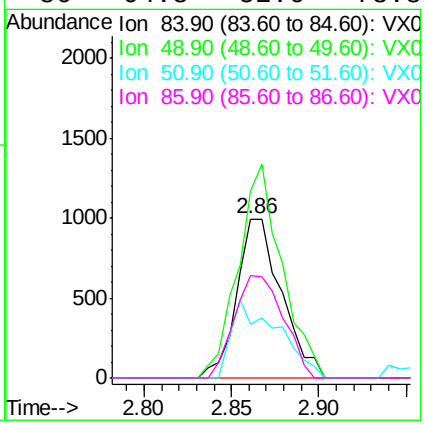


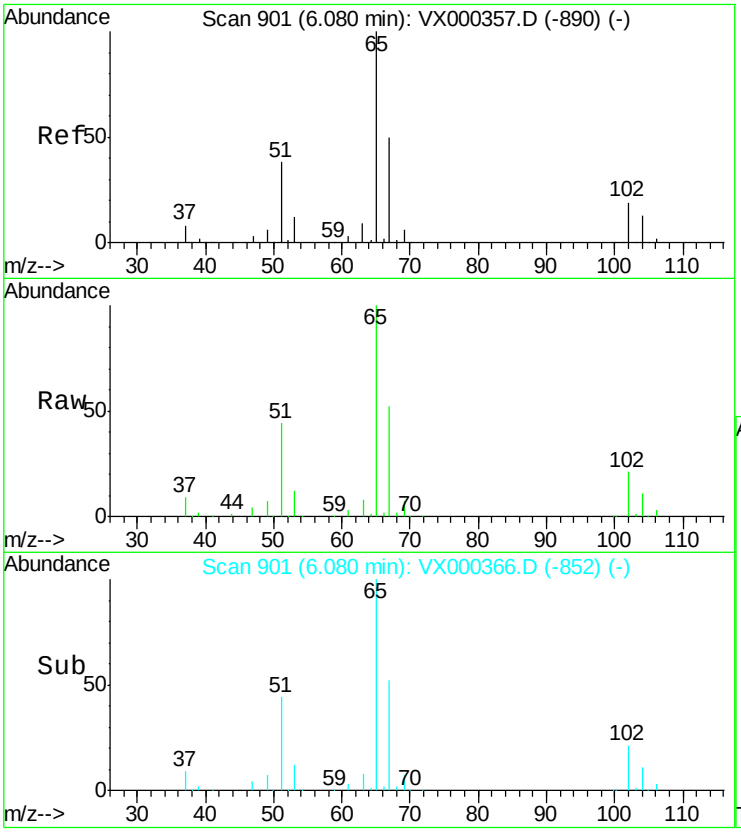


#20
Methylene Chloride
Concen: 1.40 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Tgt Ion: 84 Resp: 1769

Ion	Ratio	Lower	Upper
84	100		
49	117.3	100.6	151.0
51	33.5	31.6	47.4
86	64.8	52.6	78.8



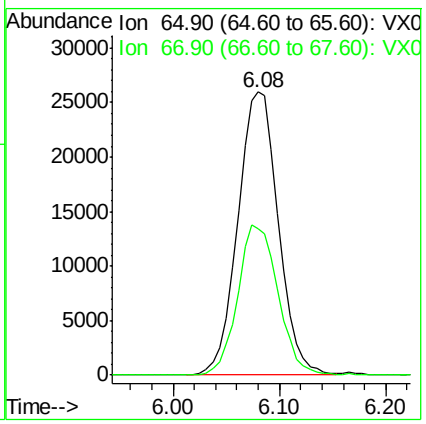


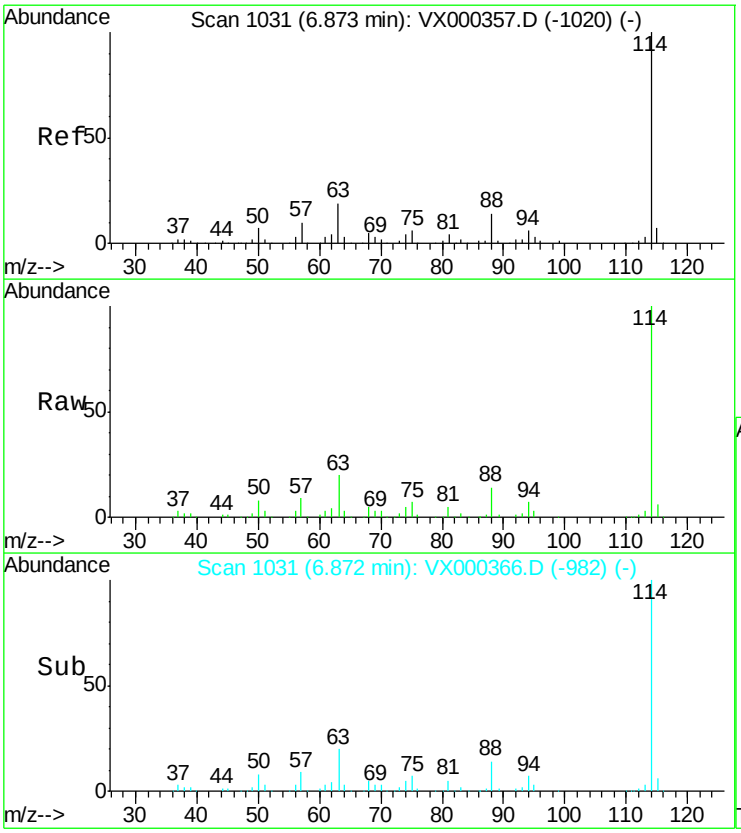
#33
1,2-Dichloroethane-d4
Concen: 52.60 ug/l
RT: 6.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Instrument :
MSVOA_X
ClientSampleId :
YR18020063

Tgt Ion: 65 Resp: 69299

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	103.2

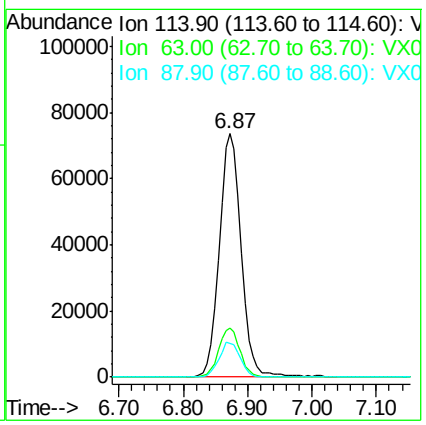


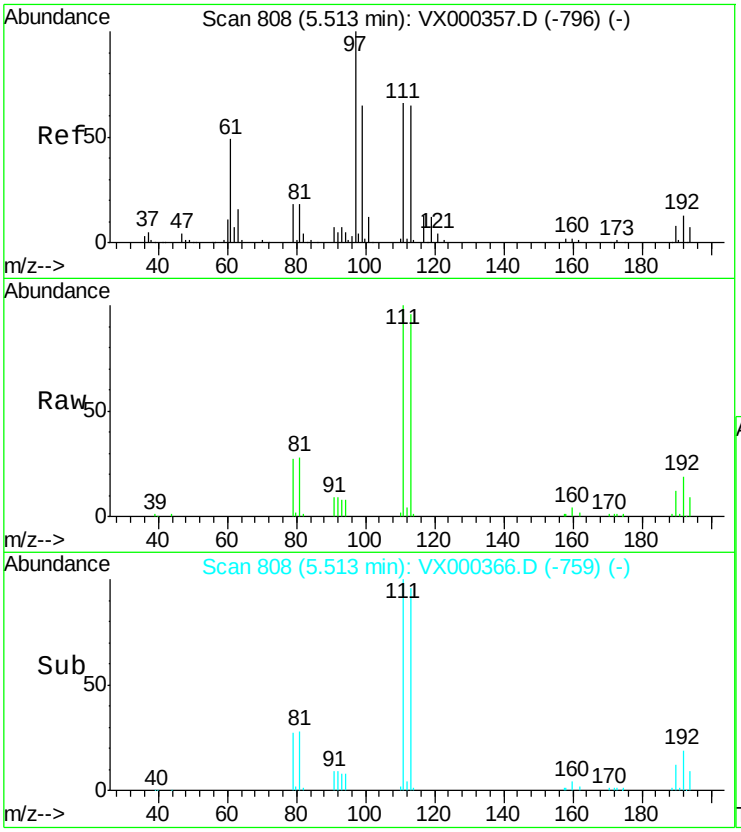


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Tgt Ion:114 Resp: 176850

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	38.4
88	14.1	0.0	27.0



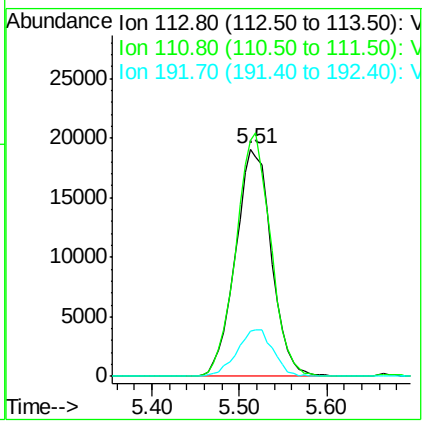


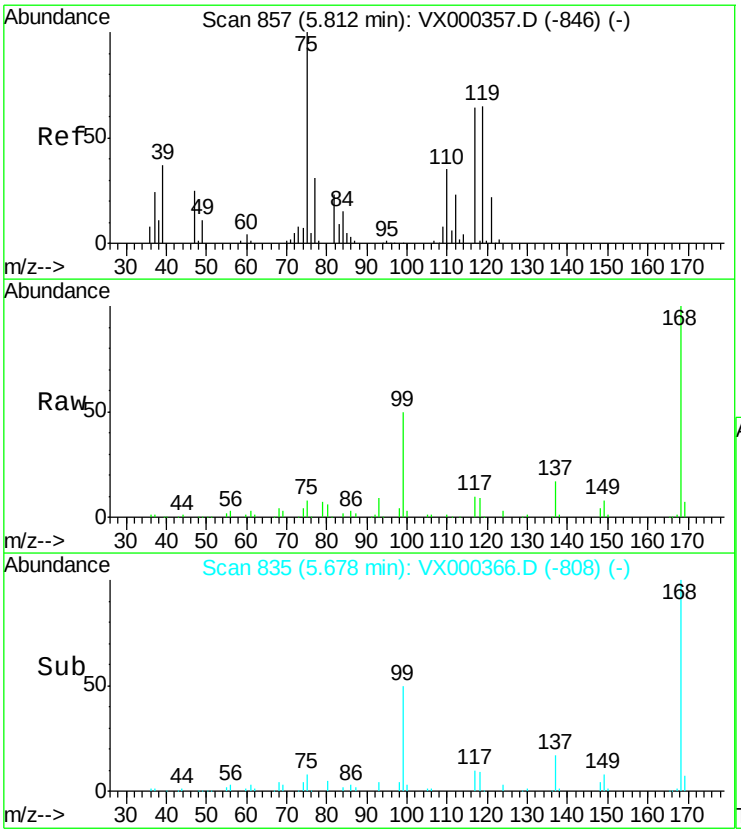
#35
Dibromofluoromethane
Concen: 48.89 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Instrument :
MSVOA_X
ClientSampleId :
YR18020063

Tgt Ion:113 Resp: 54473

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.4	123.6
192	20.6	15.8	23.6

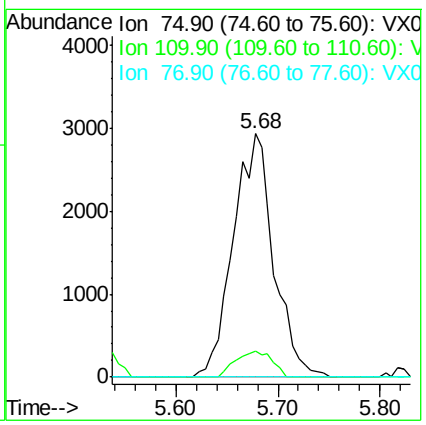


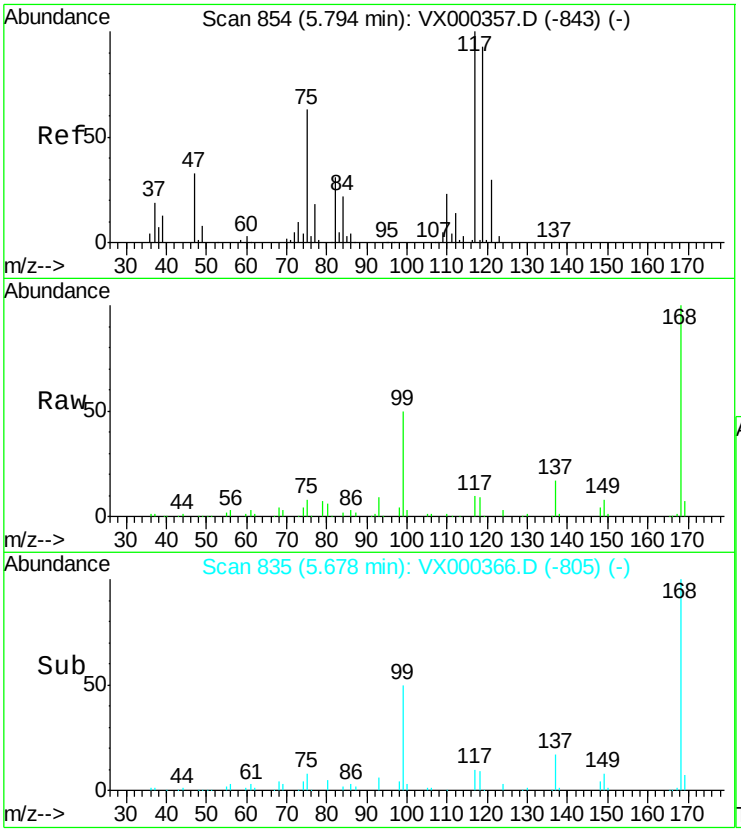


#36
1,1-Dichloropropene
Concen: 4.88 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.13 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Tgt Ion: 75 Resp: 8076

Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.9	53.7#
77	0.0	24.0	36.0#



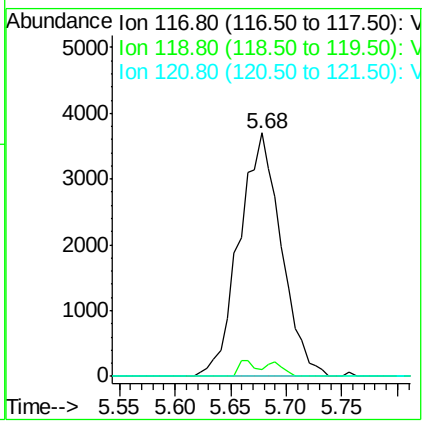


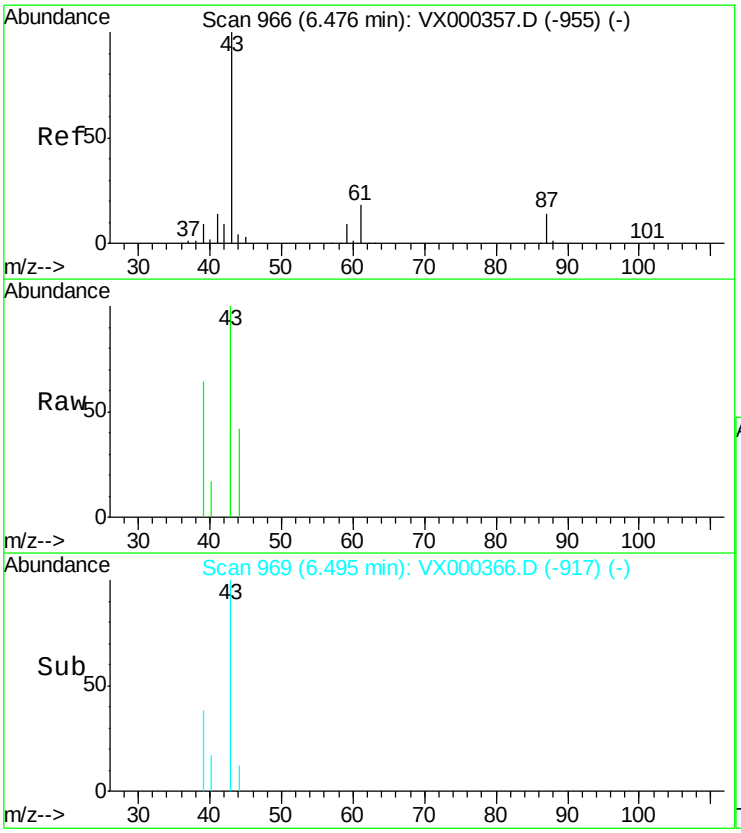
#38
Carbon Tetrachloride
Concen: 5.60 ug/l
RT: 5.68 min Scan# 835
Delta R.T. -0.12 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Instrument : MSVOA_X
ClientSampleId : YR18020063

Tgt Ion:117 Resp: 9733

Ion	Ratio	Lower	Upper
117	100		
119	2.8	77.4	116.2#
121	0.0	24.8	37.2#

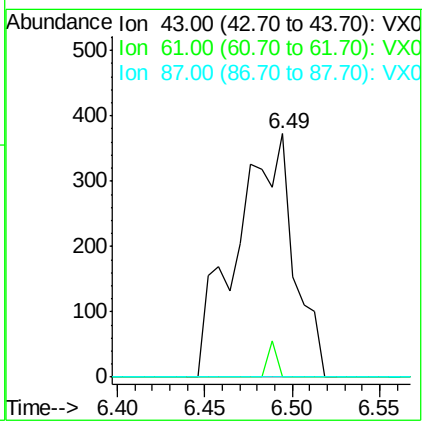


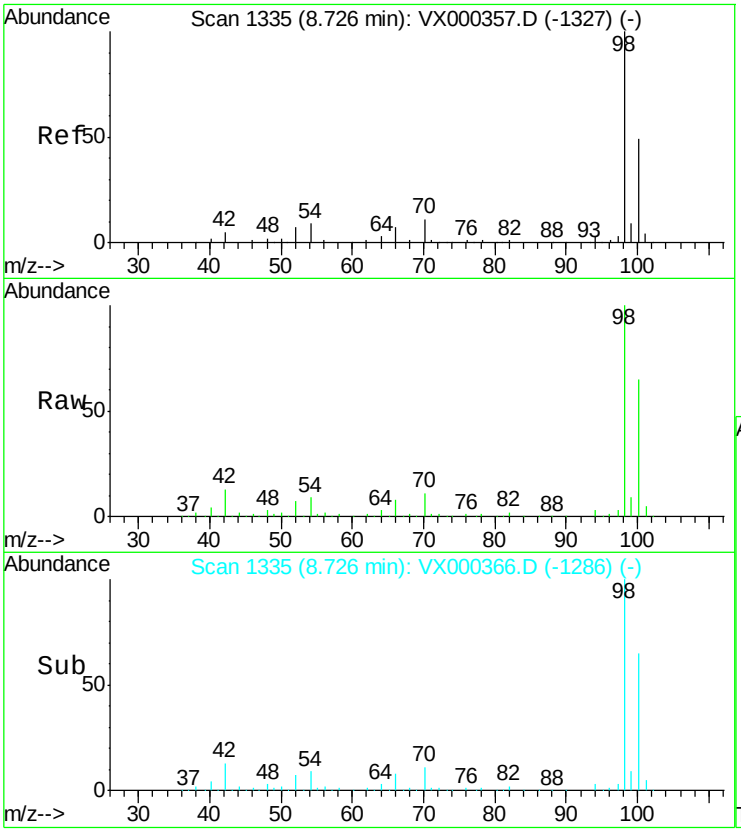


#43
Isopropyl Acetate
Concen: 0.25 ug/l
RT: 6.49 min Scan# 969
Delta R.T. 0.02 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Tgt Ion: 43 Resp: 855

Ion	Ratio	Lower	Upper
43	100		
61	2.3	14.4	21.6#
87	0.0	11.0	16.4#



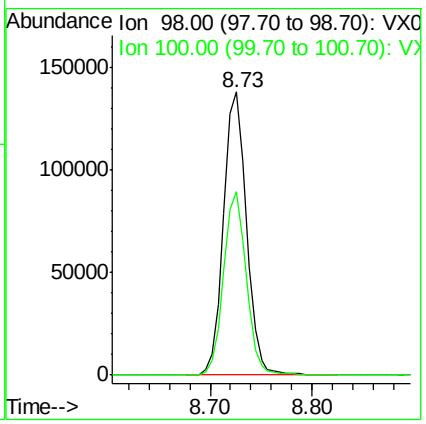


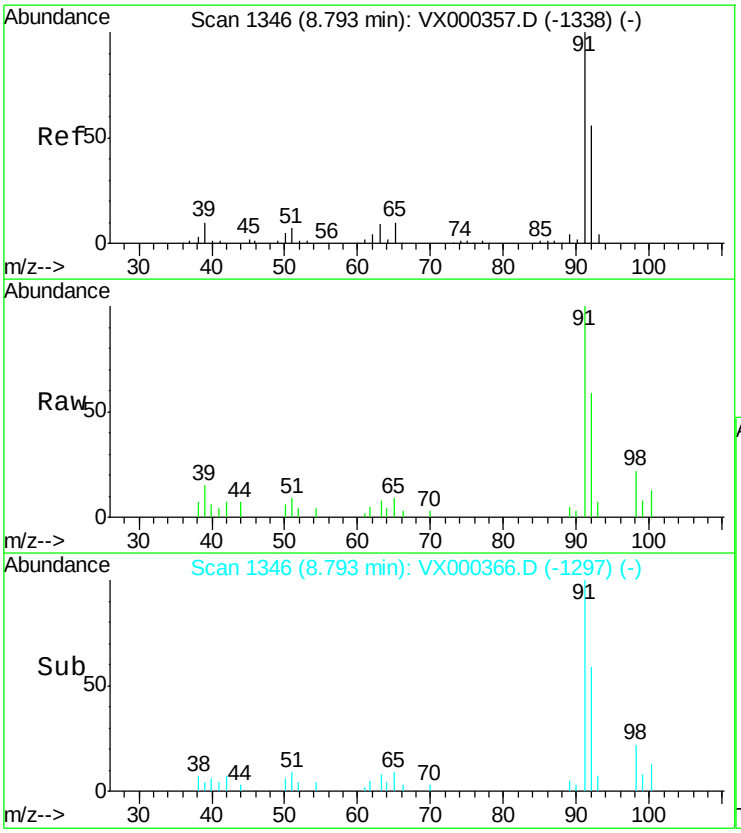
#50
Toluene-d8
Concen: 46.81 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Instrument :
MSVOA_X
ClientSampleId :
YR18020063

Tgt Ion: 98 Resp: 216022

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.2	76.8

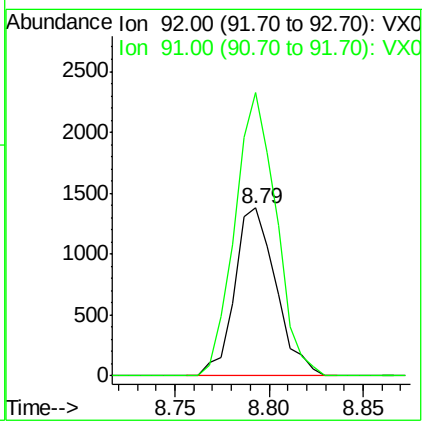


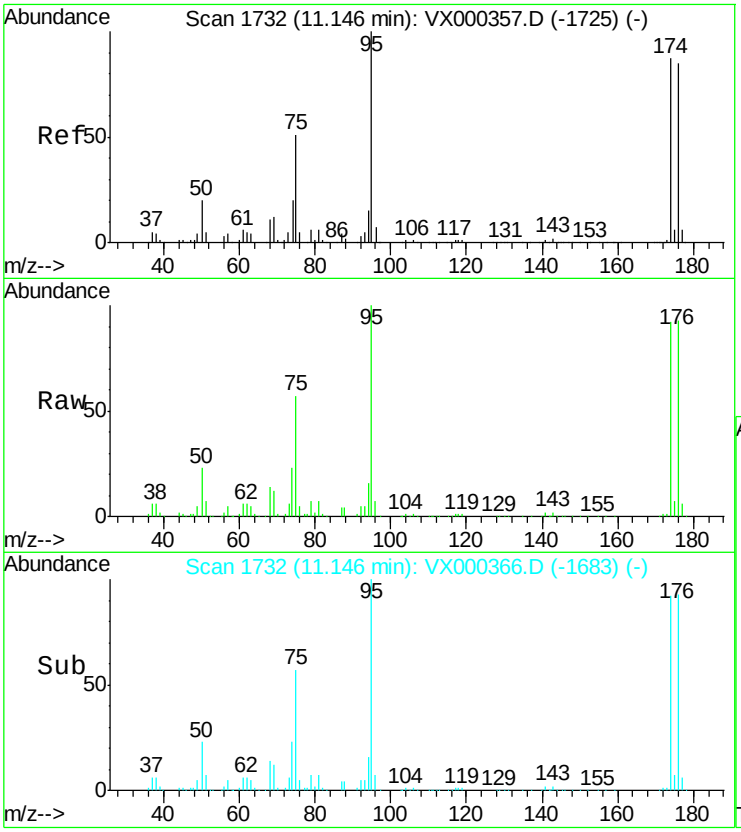


#52
Toluene
Concen: 0.62 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Tgt Ion: 92 Resp: 2092

Ion	Ratio	Lower	Upper
92	100		
91	168.9	140.2	210.2



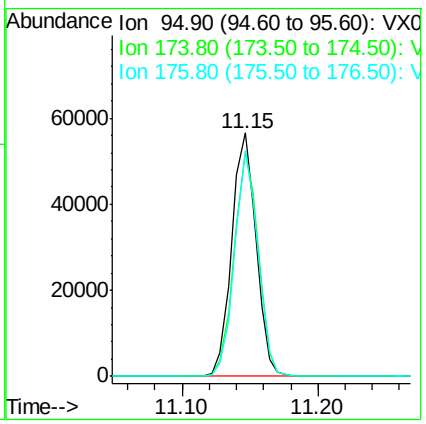


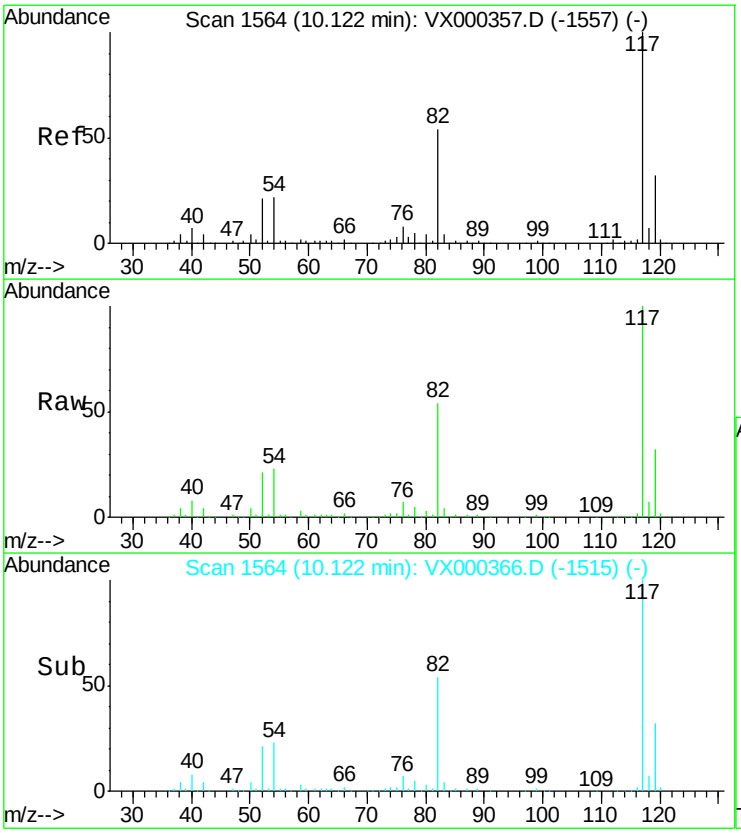
#62
4-Bromofluorobenzene
Concen: 37.75 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Instrument :
MSVOA_X
ClientSampleId :
YR18020063

Tgt Ion: 95 Resp: 70250

Ion	Ratio	Lower	Upper
95	100		
174	92.0	0.0	173.6
176	89.5	0.0	164.6

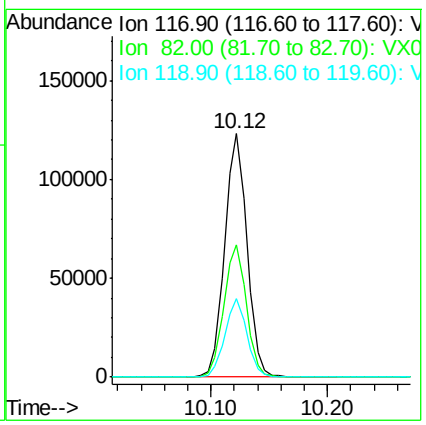


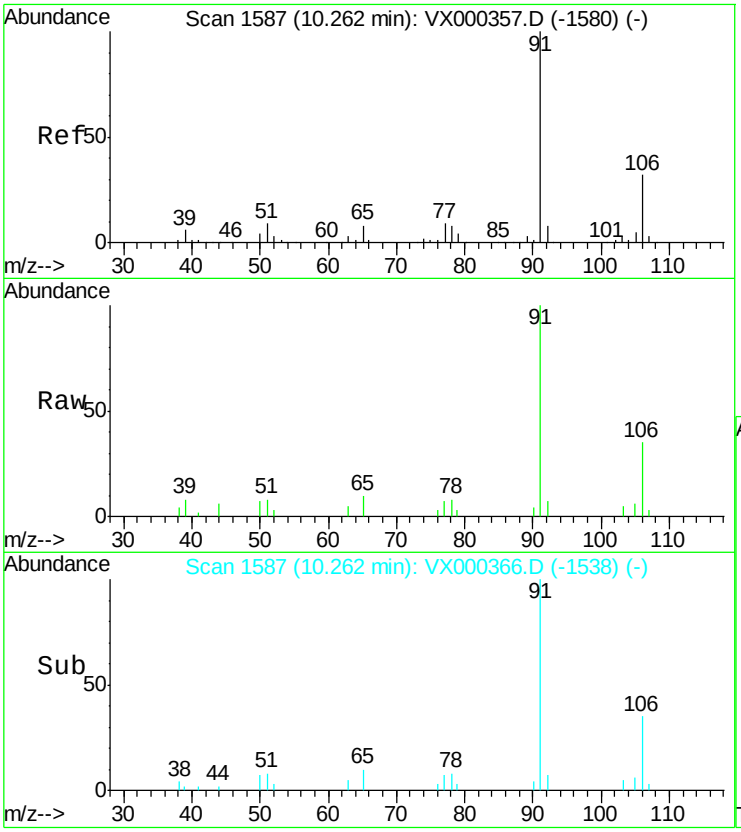


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Tgt Ion:117 Resp: 163359

Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.8	65.8
119	32.4	24.9	37.3



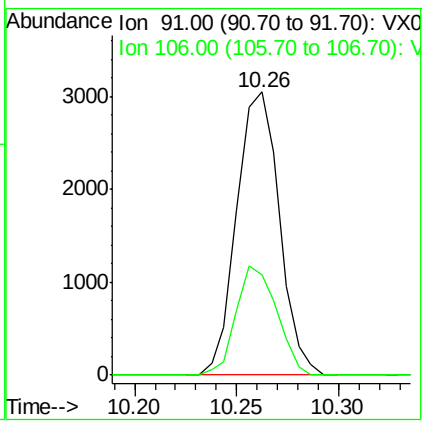


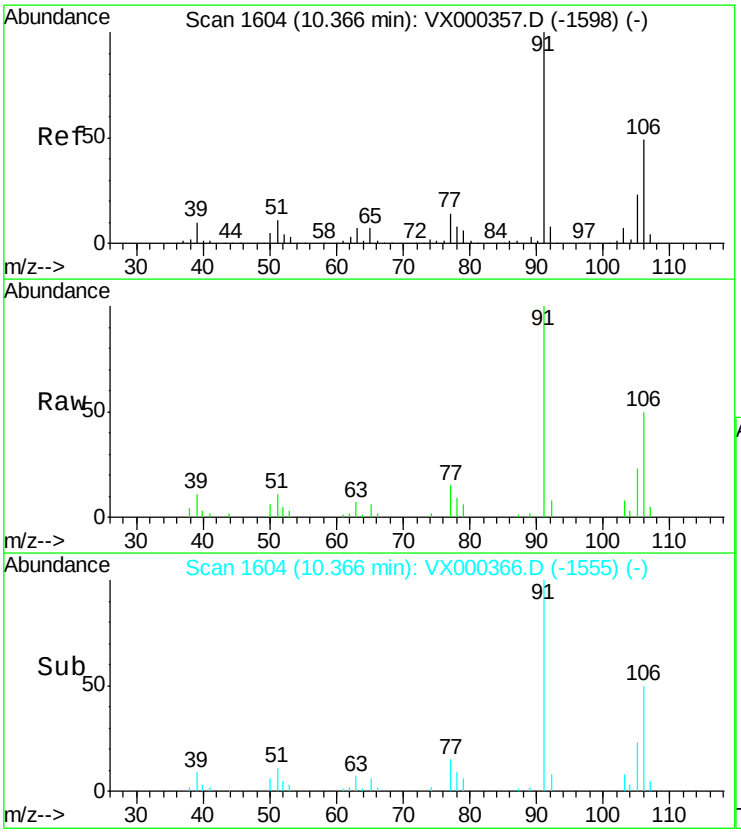
#67
Ethyl Benzene
Concen: 0.72 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Instrument :
MSVOA_X
ClientSampleId :
YR18020063

Tgt Ion: 91 Resp: 4440

Ion	Ratio	Lower	Upper
91	100		
106	35.4	25.0	37.6

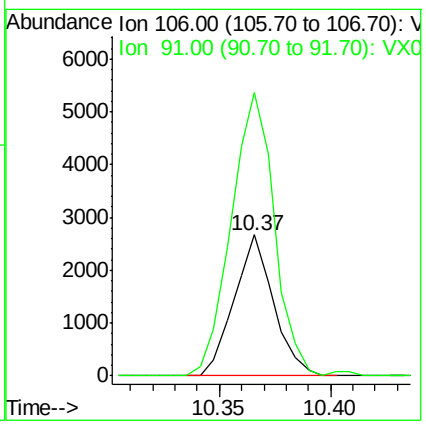


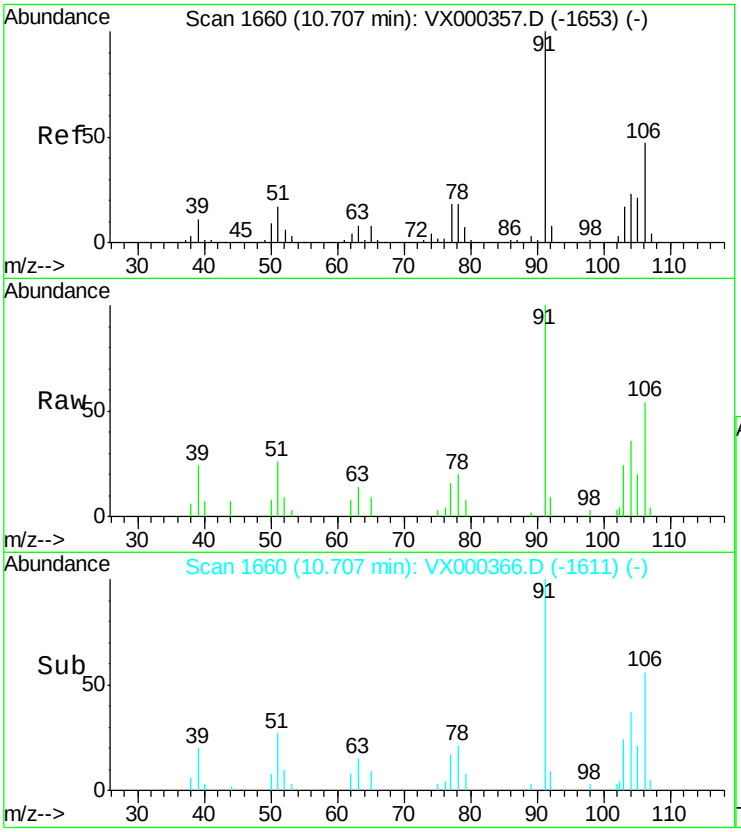


#68
m/p-Xylenes
Concen: 1.35 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Tgt Ion:106 Resp: 3279

Ion	Ratio	Lower	Upper
106	100		
91	219.9	163.4	245.2



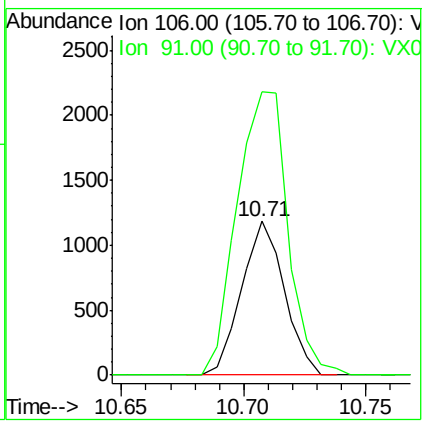


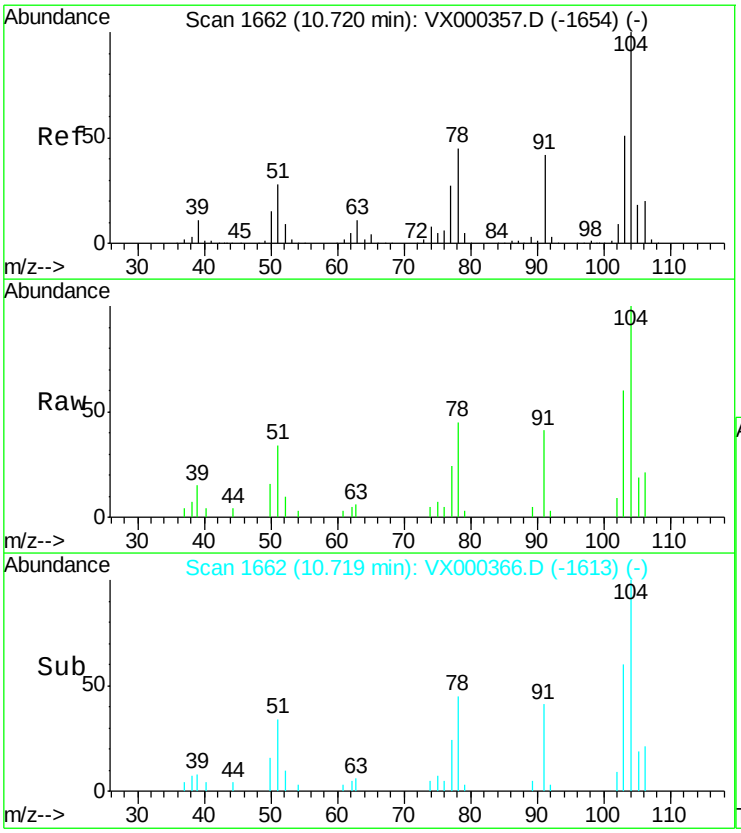
#69
o-Xylene
Concen: 0.61 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Instrument :
MSVOA_X
ClientSampleId :
YR18020063

Tgt Ion:106 Resp: 1438

Ion	Ratio	Lower	Upper
106	100		
91	219.0	106.5	319.6

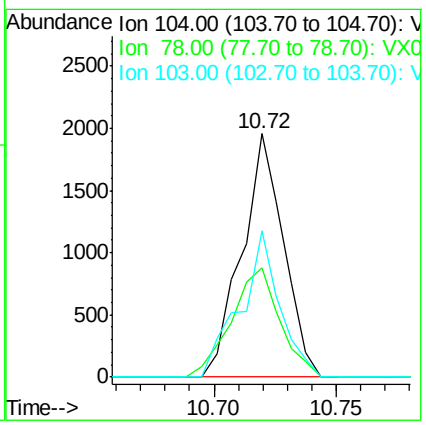


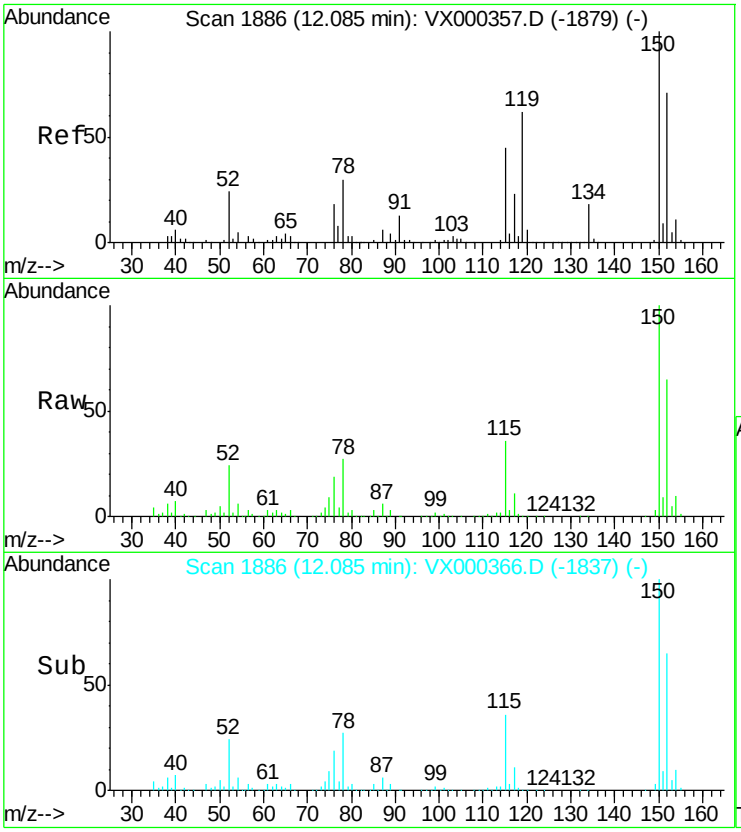


#70
Styrene
Concen: 0.60 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Tgt Ion:104 Resp: 2334

Ion	Ratio	Lower	Upper
104	100		
78	51.8	40.5	60.7
103	57.0	45.7	68.5



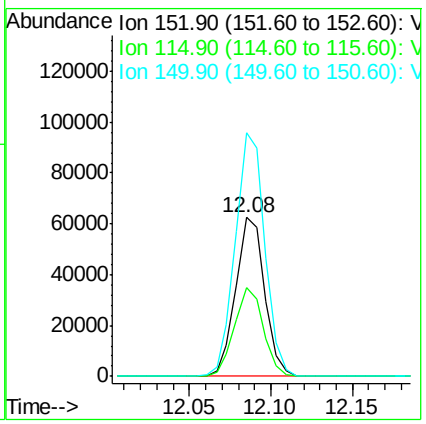


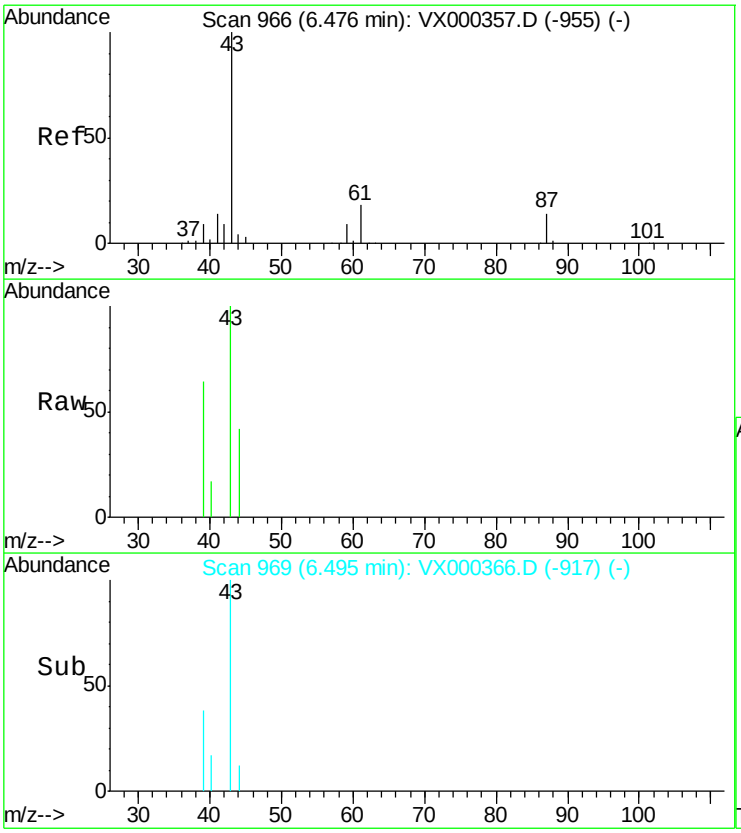
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Instrument :
MSVOA_X
ClientSampleId :
YR18020063

Tgt Ion:152 Resp: 77440

Ion	Ratio	Lower	Upper
152	100		
115	55.9	39.8	119.3
150	155.9	0.0	344.4

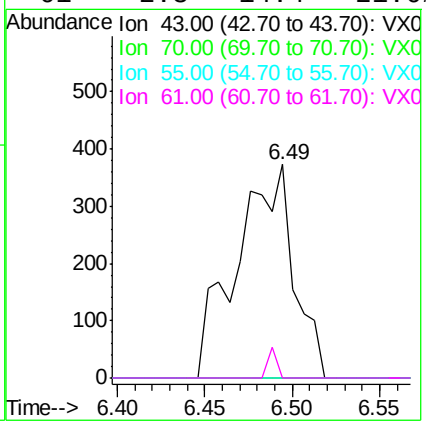


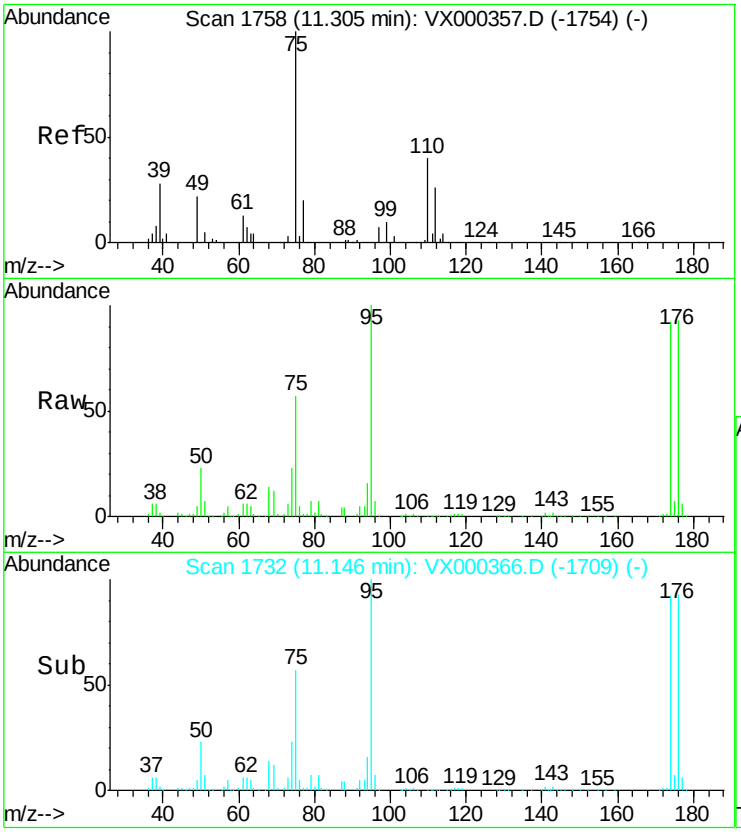


#74
N-amyl acetate
Concen: Below Cal
RT: 6.49 min Scan# 969
Delta R.T. 0.02 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Tgt Ion: 43 Resp: 855

Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0
61	2.3	14.4	21.6#



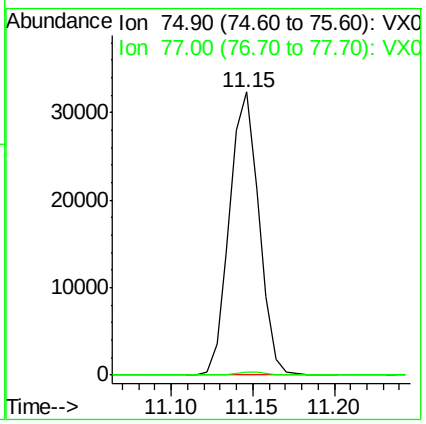


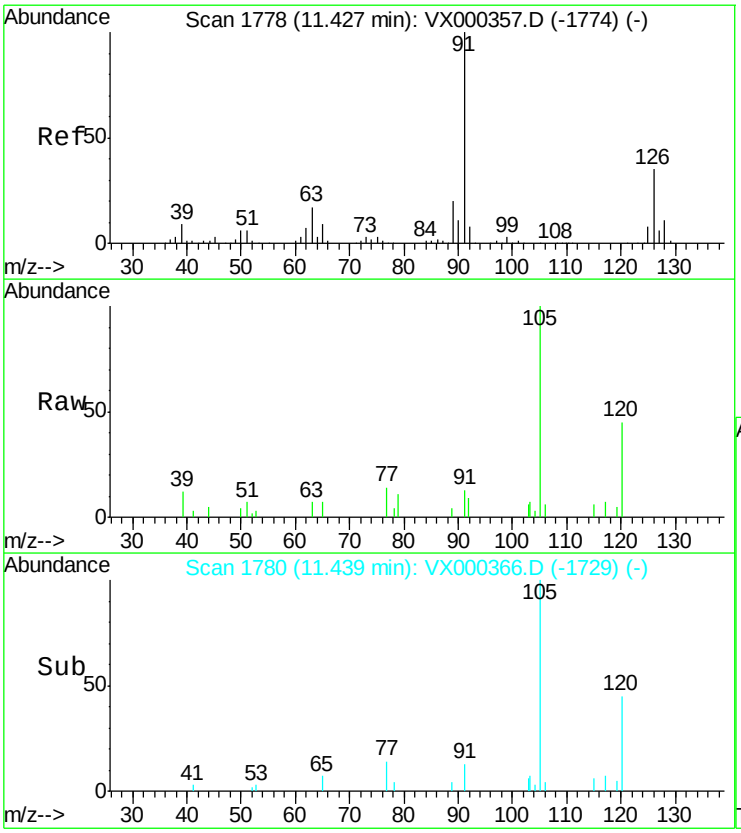
#76
1,2,3-Trichloropropane
Concen: 24.38 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.16 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Instrument : MSVOA_X
ClientSampleId : YR18020063

Tgt Ion: 75 Resp: 40569

Ion	Ratio	Lower	Upper
75	100		
77	1.1	21.4	64.2#

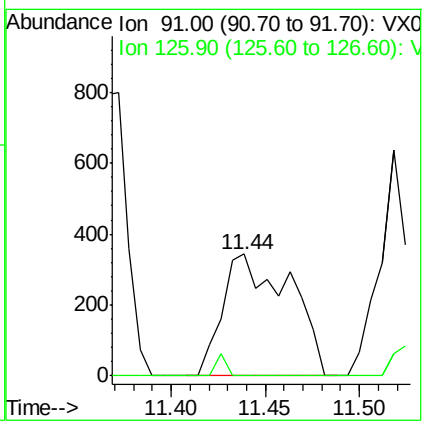


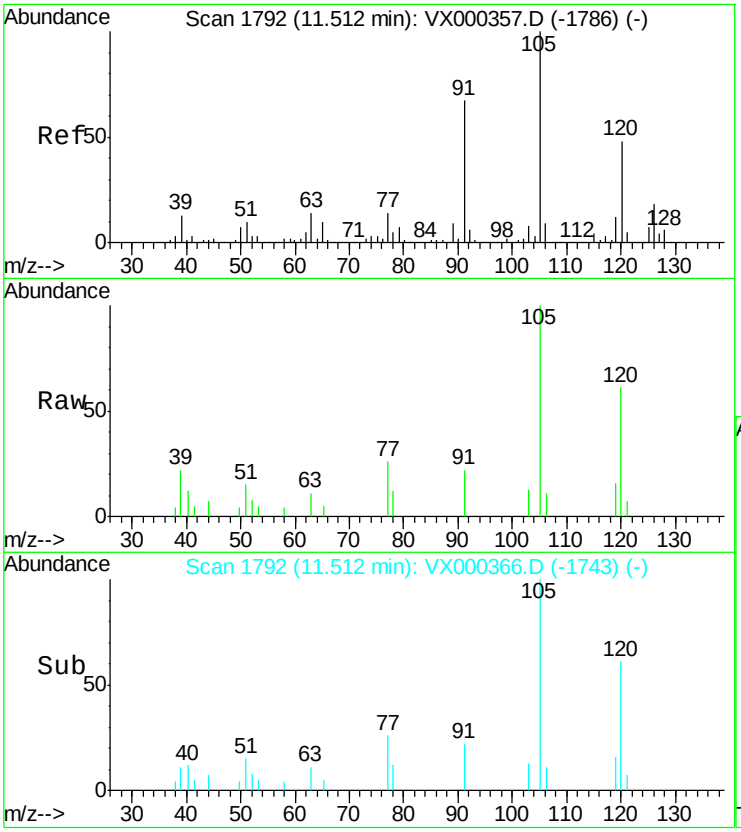


#79
2-Chlorotoluene
Concen: 0.24 ug/l
RT: 11.44 min Scan# 1780
Delta R.T. 0.01 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Tgt Ion: 91 Resp: 847

Ion	Ratio	Lower	Upper
91	100		
126	2.6	17.7	53.1#



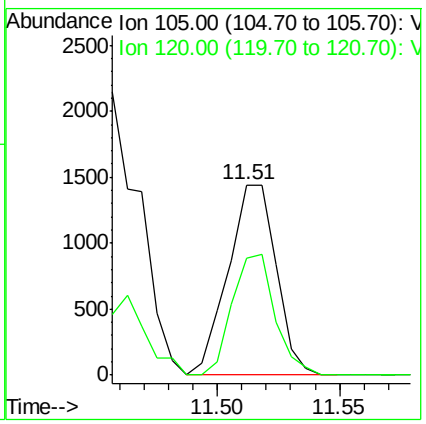


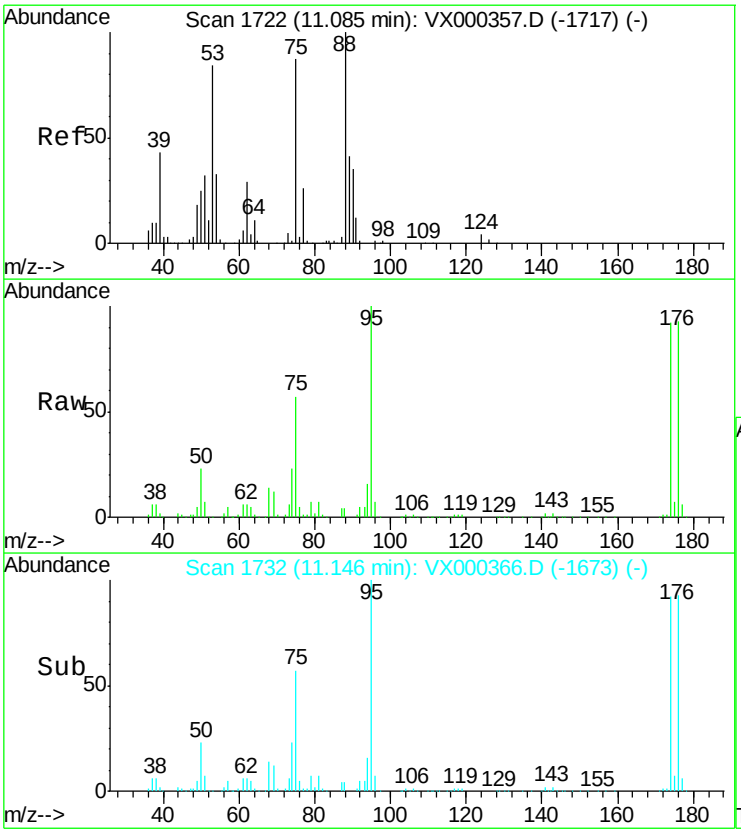
#80
1,3,5-Trimethylbenzene
Concen: 0.46 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Instrument :
MSVOA_X
ClientSampleId :
YR18020063

Tgt Ion:105 Resp: 1981

Ion	Ratio	Lower	Upper
105	100		
120	56.0	24.1	72.4

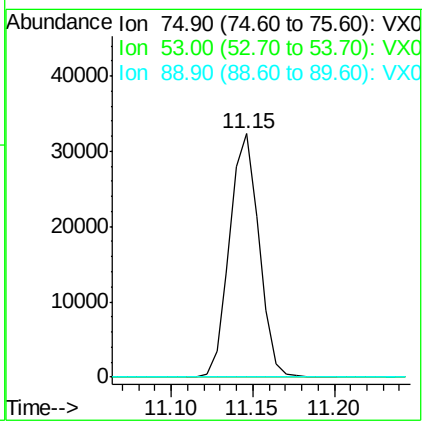


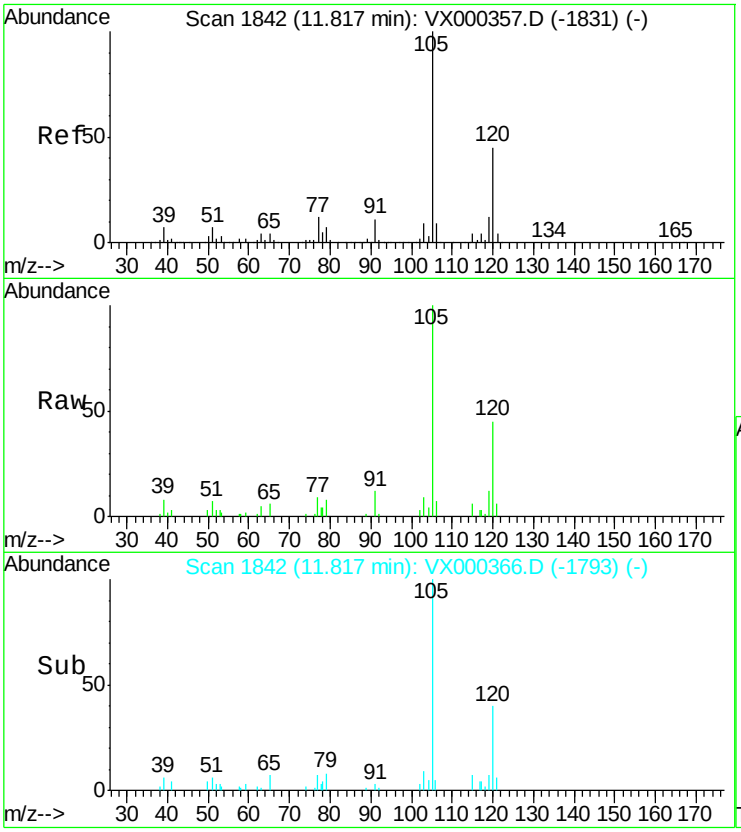


#81
trans-1,4-Dichloro-2-butene
Concen: 78.92 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Tgt Ion: 75 Resp: 40569

Ion	Ratio	Lower	Upper
75	100		
53	0.1	80.7	121.1#
89	0.0	39.4	59.0#



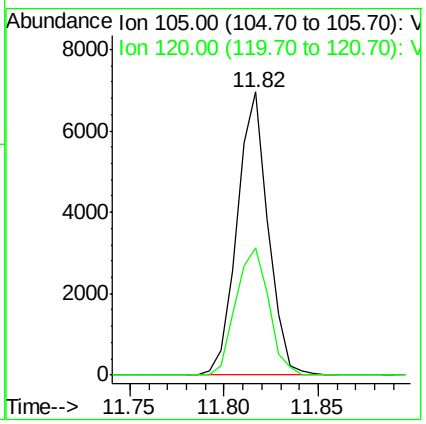


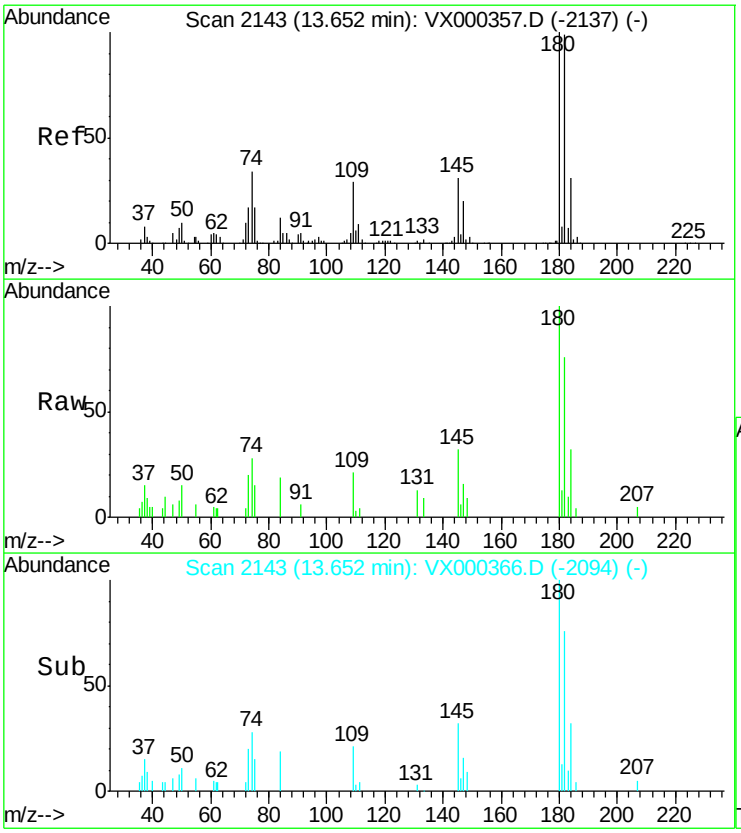
#84
1,2,4-Trimethylbenzene
Concen: 1.75 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Instrument :
MSVOA_X
ClientSampleId :
YR18020063

Tgt Ion:105 Resp: 7906

Ion	Ratio	Lower	Upper
105	100		
120	47.6	22.4	67.3

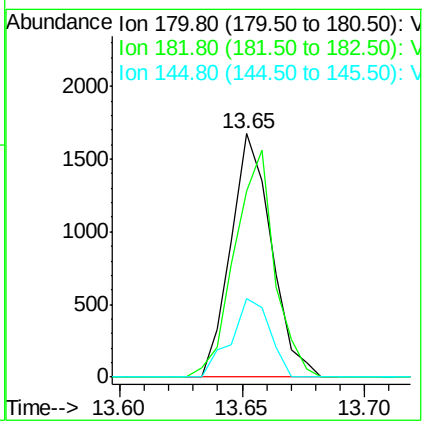


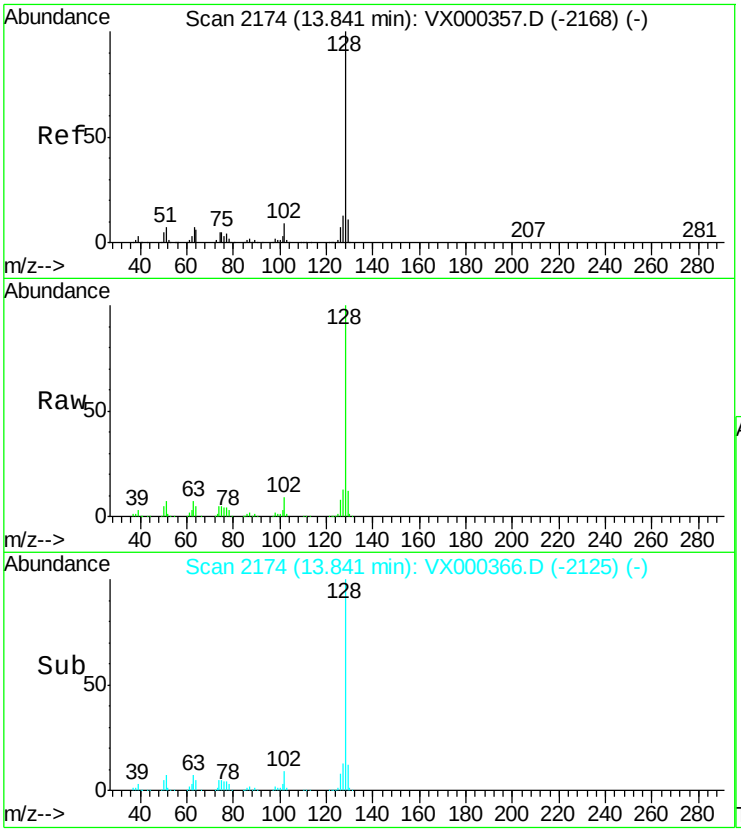


#93
1,2,4-Trichlorobenzene
Concen: 1.06 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. -0.00 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Tgt Ion:180 Resp: 1933

Ion	Ratio	Lower	Upper
180	100		
182	91.3	47.6	142.9
145	30.8	15.1	45.3



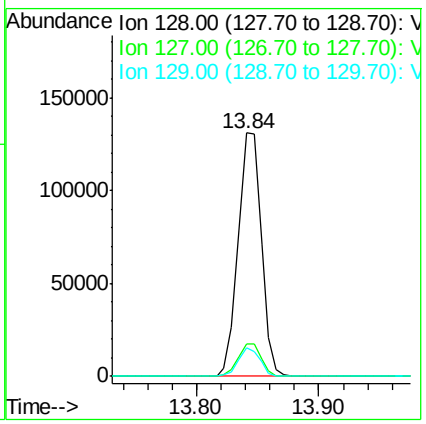


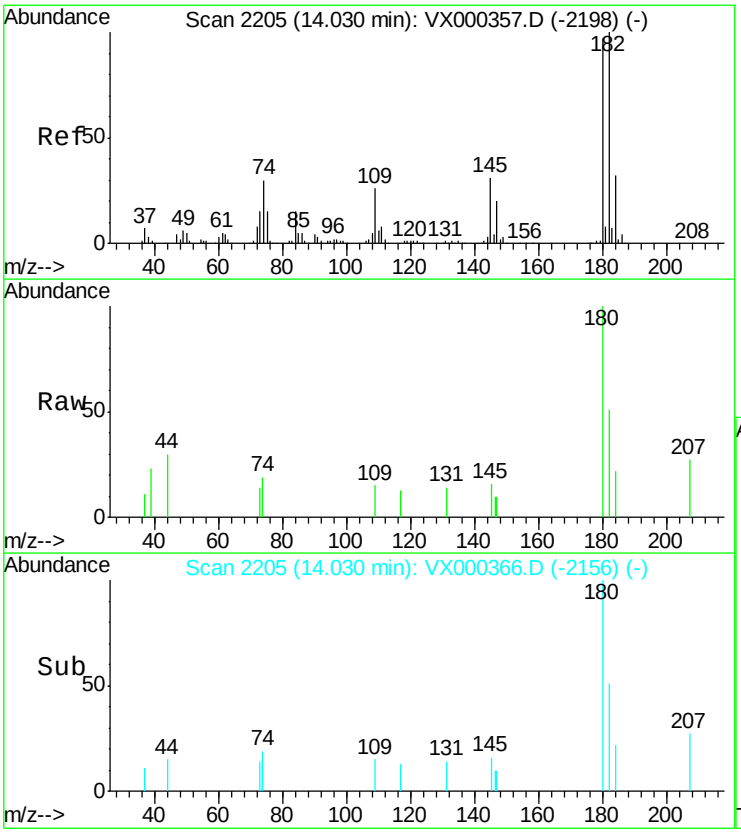
#95
Naphthalene
Concen: 27.13 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Instrument : MSVOA_X
ClientSampleId : YR18020063

Tgt Ion:128 Resp: 171670

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	15.8
129	10.9	8.9	13.3





#96
1,2,3-Trichlorobenzene
Concen: 0.36 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000366.D
Acq: 20 Mar 2018 18:03

Tgt Ion:180 Resp: 645

Ion	Ratio	Lower	Upper
180	100		
182	63.3	47.4	142.3
145	29.0	15.8	47.3