Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX030818\
Data File : VX000220.D
Acq On : 08 Mar 2018 13:22
Operator : JC/MD
Sample : J1791-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Mar 08 15:51:11 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X022018W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 21 06:17:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.03	128	20607	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.87	114	118721	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.12	117	110709	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.08	65	50214	31.49	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 104.97%				
60) 4-Bromofluorobenzene	11.15	95	52809	29.16	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 97.20%				
63) Toluene-d8	8.73	98	144665	30.51	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 101.70%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	1113	0.868	ug/l	#	68
12) Methyl Acetate	2.79	43	655	0.266	ug/l		99
13) Acrolein	2.29	56	92	0.311	ug/l		85
15) Acetone	2.45	58	137896	396.702	ug/l		99
16) Carbon Disulfide	2.58	76	1579	0.401	ug/l	#	92
18) Methylene Chloride	2.86	84	1414	0.942	ug/l	#	84
25) Chloroform	5.23	83	1813	0.748	ug/l	#	58
30) 2-Butanone	4.72	43	24931	18.733	ug/l	#	77
50) 1,1,2-Trichloroethane	8.92	97	1126	0.801	ug/l	#	19
56) Bromoform	11.15	173	594	0.469	ug/l	#	1
58) 4-Methyl-2-Pentanone	8.66	43	6606	2.724	ug/l		91
59) 2-Hexanone	9.51	43	706	0.344	ug/l	#	88
62) Toluene	8.79	91	31165	5.410	ug/l		98
67) m/p-Xylenes	10.37	106	547	0.212	ug/l		75
72) 1,2,3-Trichloropropane	11.15	75	29669	14.204	ug/l		35
77) t-1,4-Dichloro-2-butene	11.15	75	29669	40.167	ug/l	#	11
79) tert-butylbenzene	12.07	119	7447	1.305	ug/l		95
80) 1,2,4-Trimethylbenzene	11.82	105	2457	0.420	ug/l		66
82) p-Isopropyltoluene	12.07	119	7447	1.183	ug/l		94
91) Naphthalene	13.85	128	2450	0.285	ug/l		97

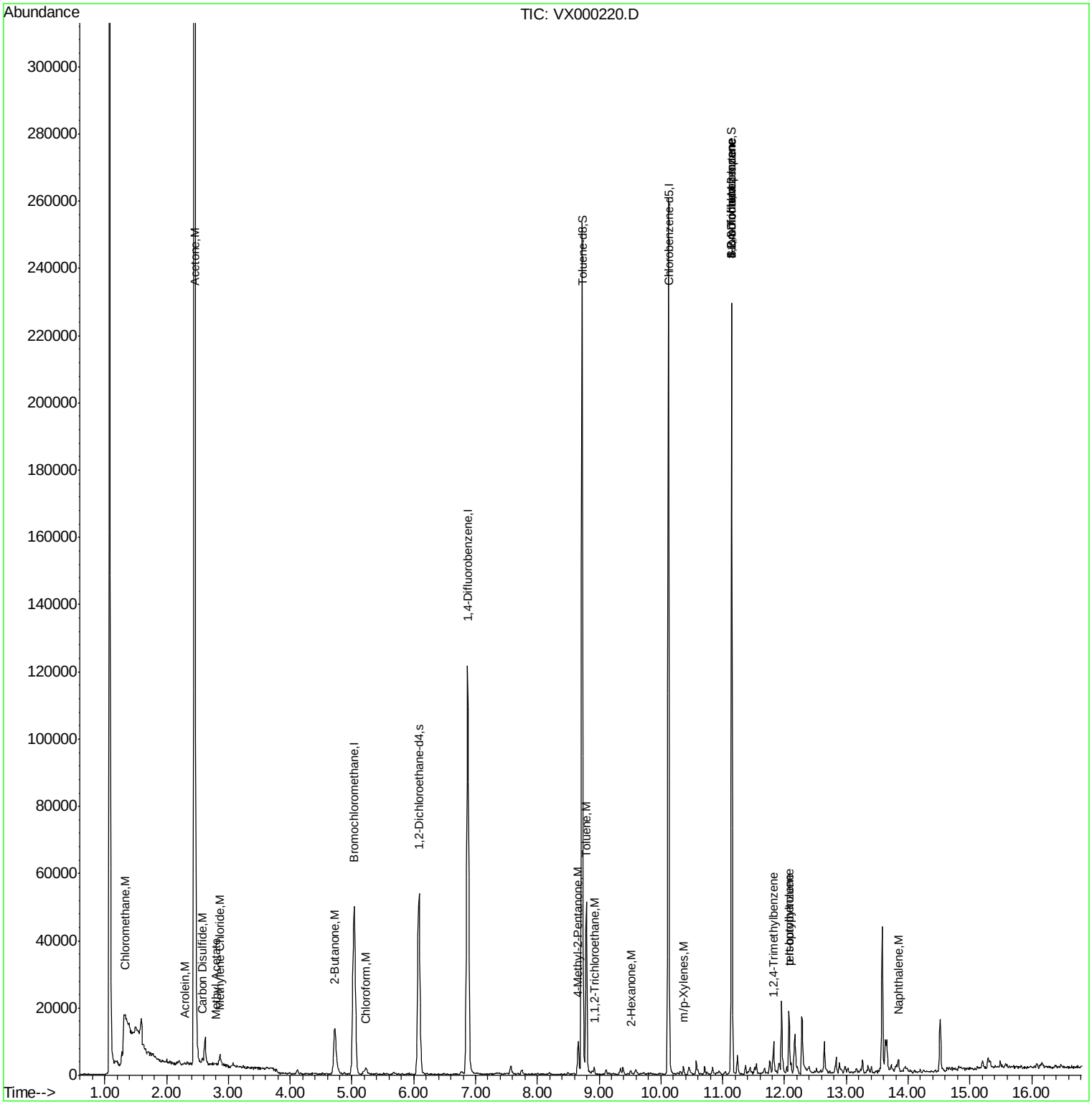
(#) = qualifier out of range (m) = manual integration (+) = signals summed

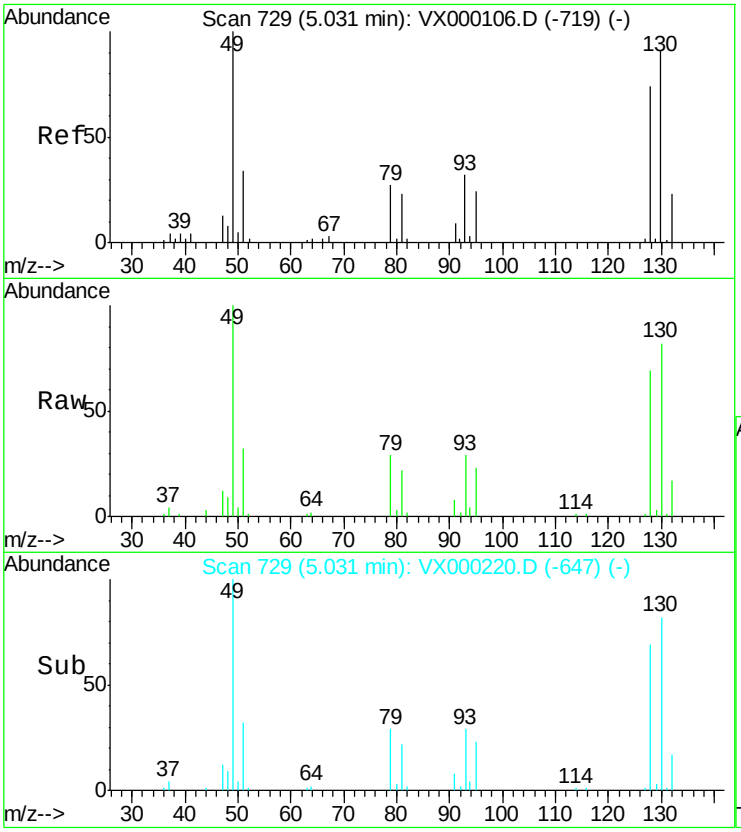
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX030818\
Data File : VX000220.D
Acq On : 08 Mar 2018 13:22
Operator : JC/MD
Sample : J1791-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 08 15:51:11 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X022018W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 21 06:17:26 2018
Response via : Initial Calibration



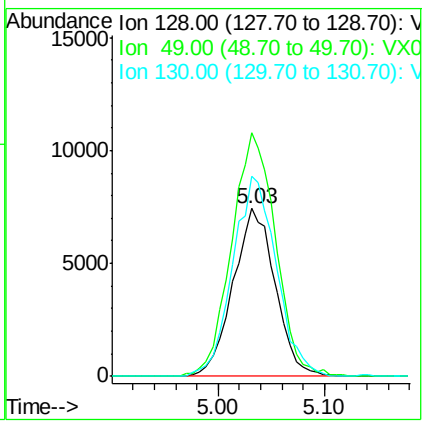


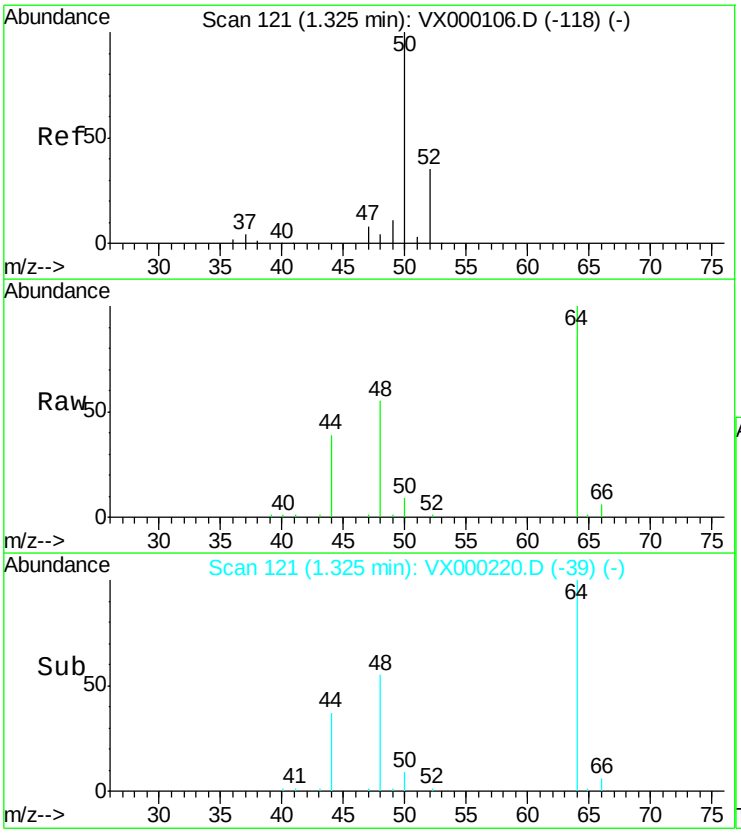
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000220.D
Acq: 08 Mar 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 20607

Ion	Ratio	Lower	Upper
128	100		
49	151.2	0.0	378.3
130	123.2	0.0	324.3

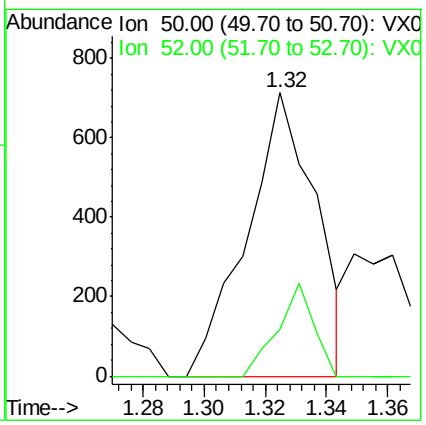


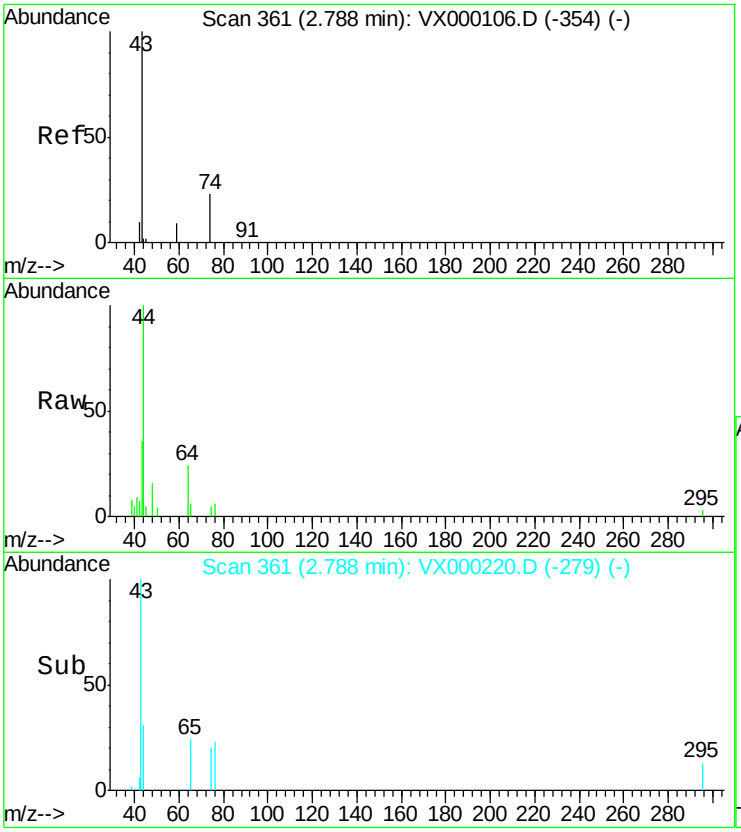


#3
Chloromethane
Concen: 0.868 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX000220.D
Acq: 08 Mar 2018 13:22

Tgt Ion: 50 Resp: 1113

Ion	Ratio	Lower	Upper
50	100		
52	16.4	27.8	41.6#



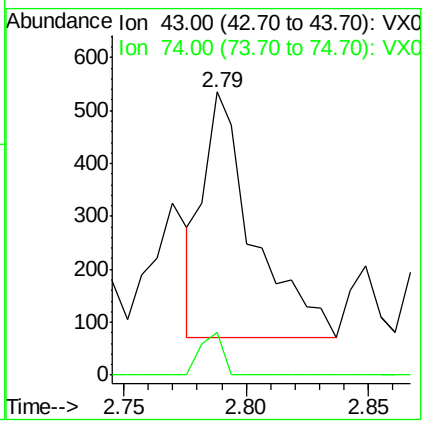


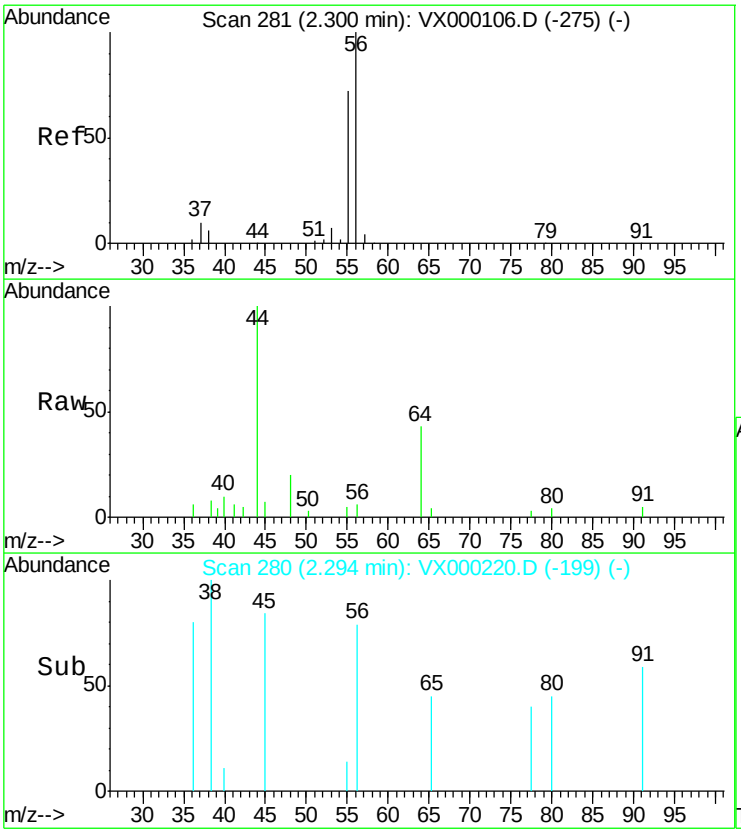
#12
Methyl Acetate
Concen: 0.266 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000220.D
Acq: 08 Mar 2018 13:22

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 655

Ion	Ratio	Lower	Upper
43	100		
74	22.8	18.6	27.8

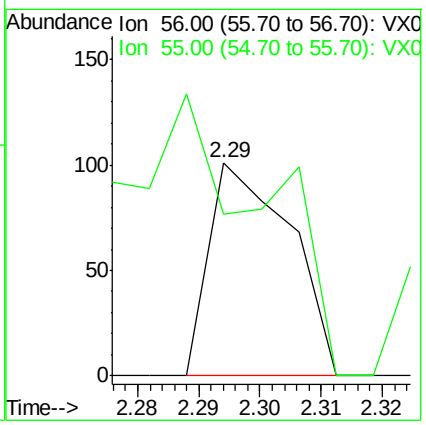


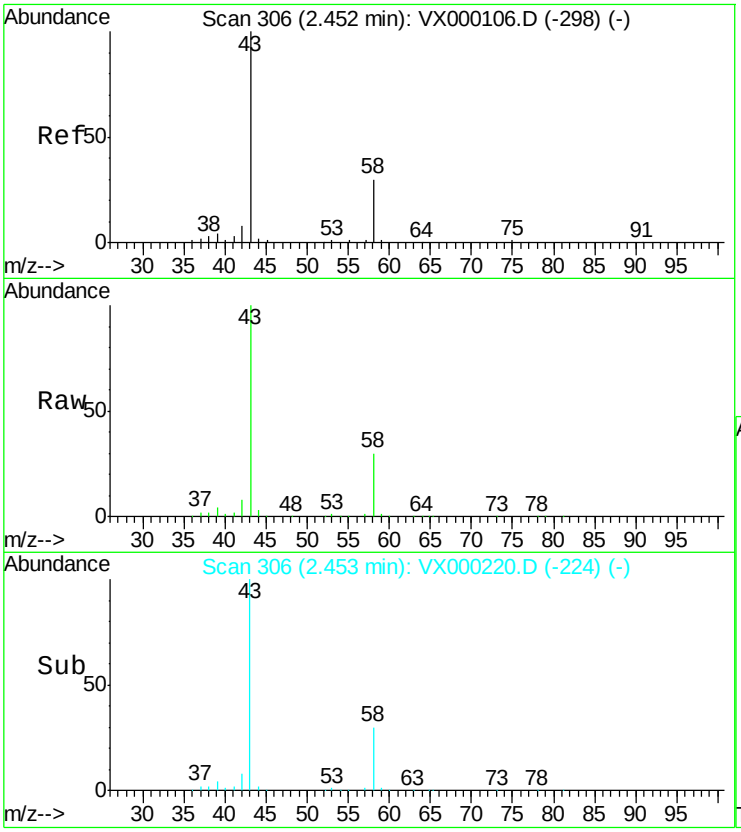


#13
Acrolein
Concen: 0.311 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX000220.D
Acq: 08 Mar 2018 13:22

Tgt Ion: 56 Resp: 92

Ion	Ratio	Lower	Upper
56	100		
55	83.7	57.3	85.9



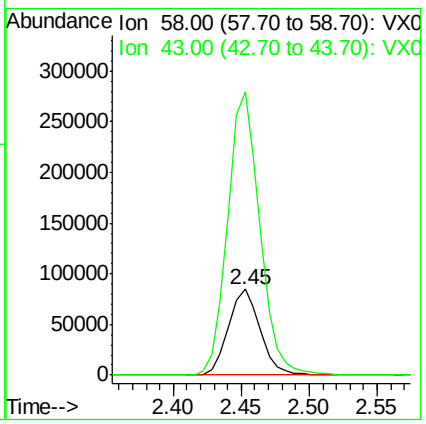


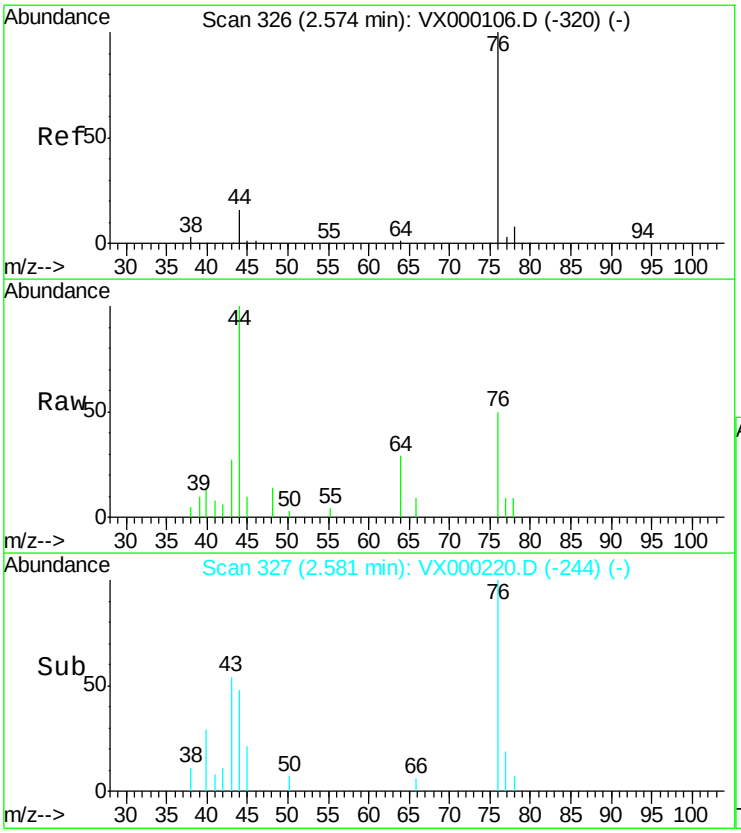
#15
Acetone
Concen: 396.702 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX000220.D
Acq: 08 Mar 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 58 Resp: 137896

Ion	Ratio	Lower	Upper
58	100		
43	328.7	264.6	396.8

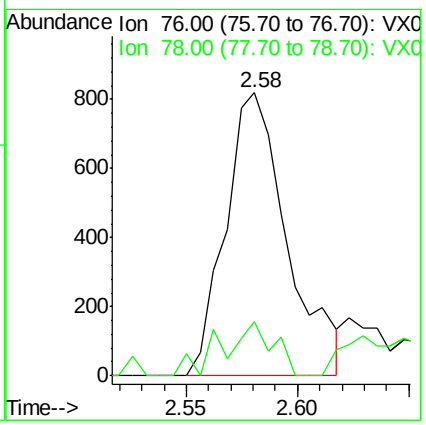


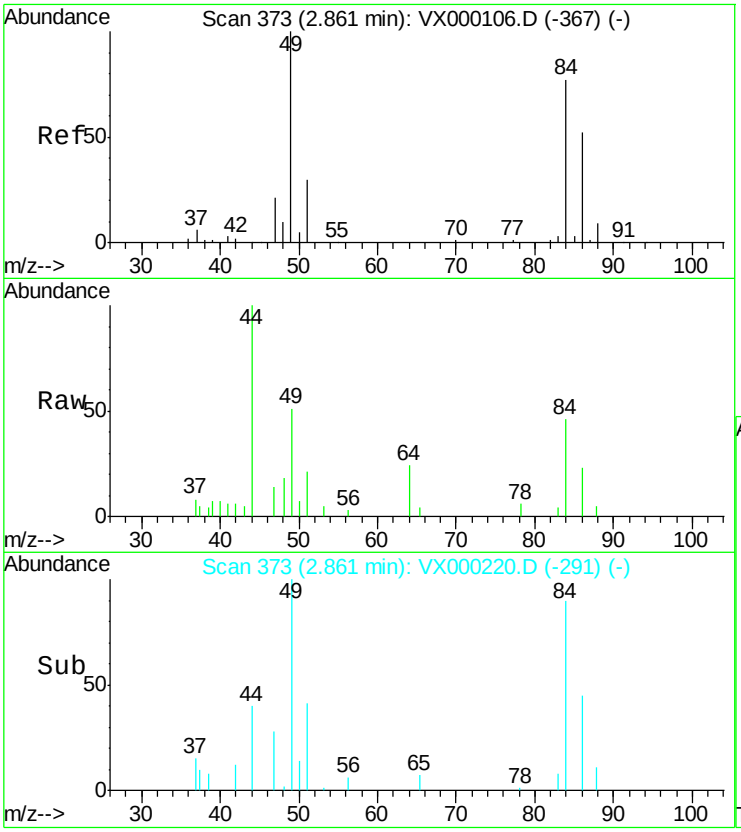


#16
Carbon Disulfide
Concen: 0.401 ug/l
RT: 2.58 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX000220.D
Acq: 08 Mar 2018 13:22

Tgt Ion: 76 Resp: 1579

Ion	Ratio	Lower	Upper
76	100		
78	11.2	6.8	10.2#



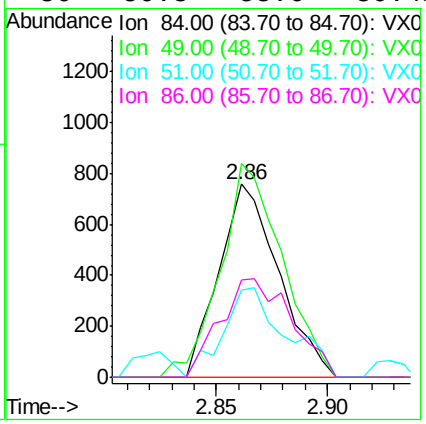


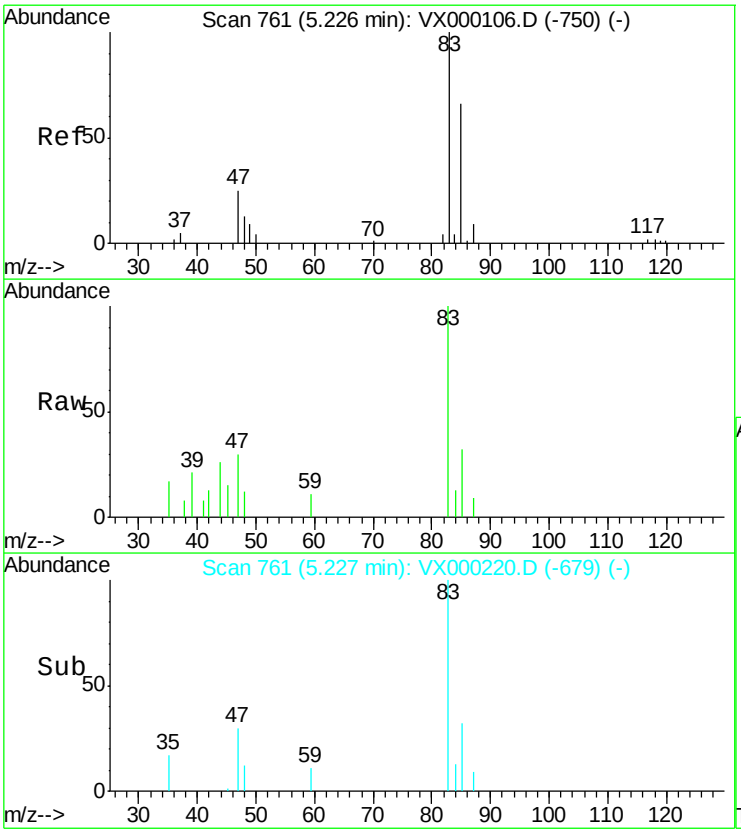
#18
Methylene Chloride
Concen: 0.942 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000220.D
Acq: 08 Mar 2018 13:22

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 1414

Ion	Ratio	Lower	Upper
84	100		
49	110.8	103.3	154.9
51	45.4	31.2	46.8
86	50.3	53.6	80.4#

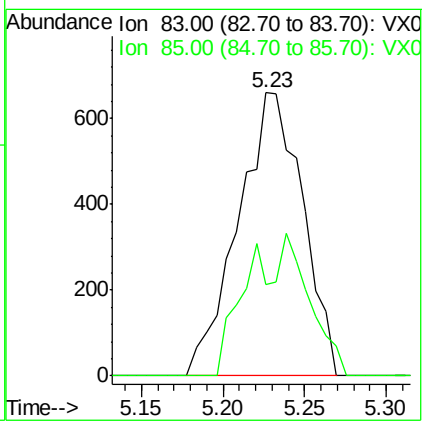


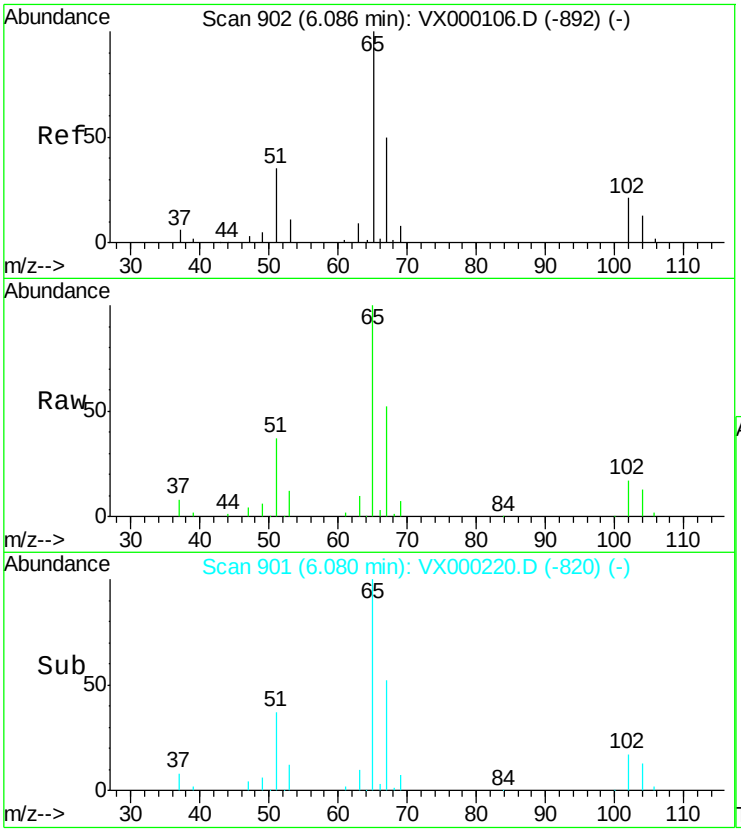


#25
Chloroform
Concen: 0.748 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000220.D
Acq: 08 Mar 2018 13:22

Tgt Ion: 83 Resp: 1813

Ion	Ratio	Lower	Upper
83	100		
85	32.4	52.5	78.7#



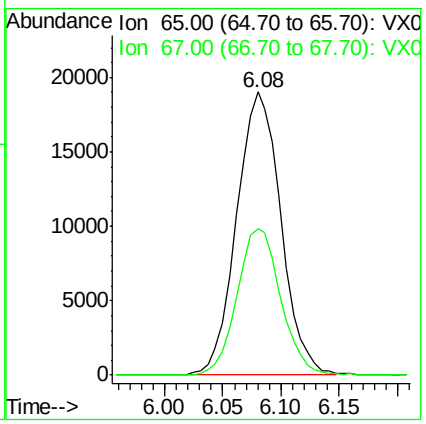


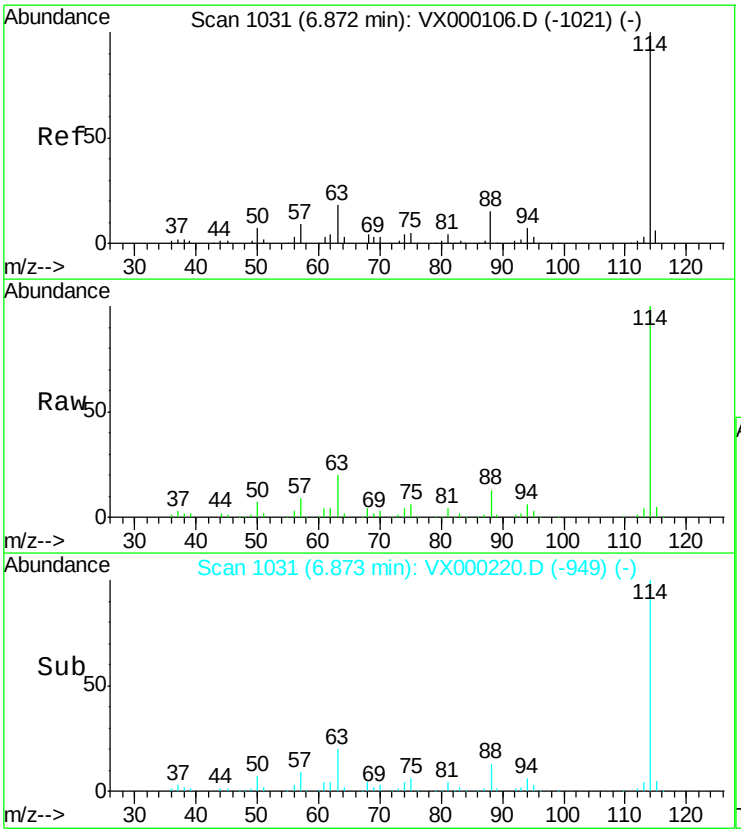
#27
1,2-Dichloroethane-d4
Concen: 31.485 ug/l
RT: 6.08 min Scan# 901
Delta R.T. -0.01 min
Lab File: VX000220.D
Acq: 08 Mar 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 50214

Ion	Ratio	Lower	Upper
65	100		
67	51.0	41.4	62.2

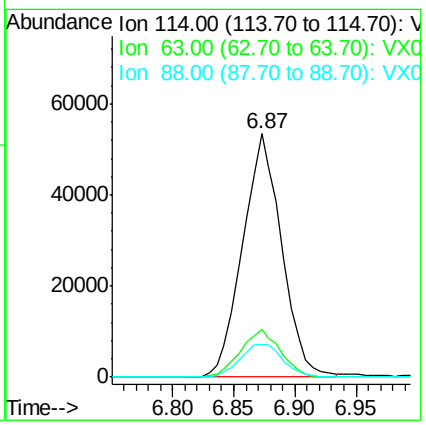


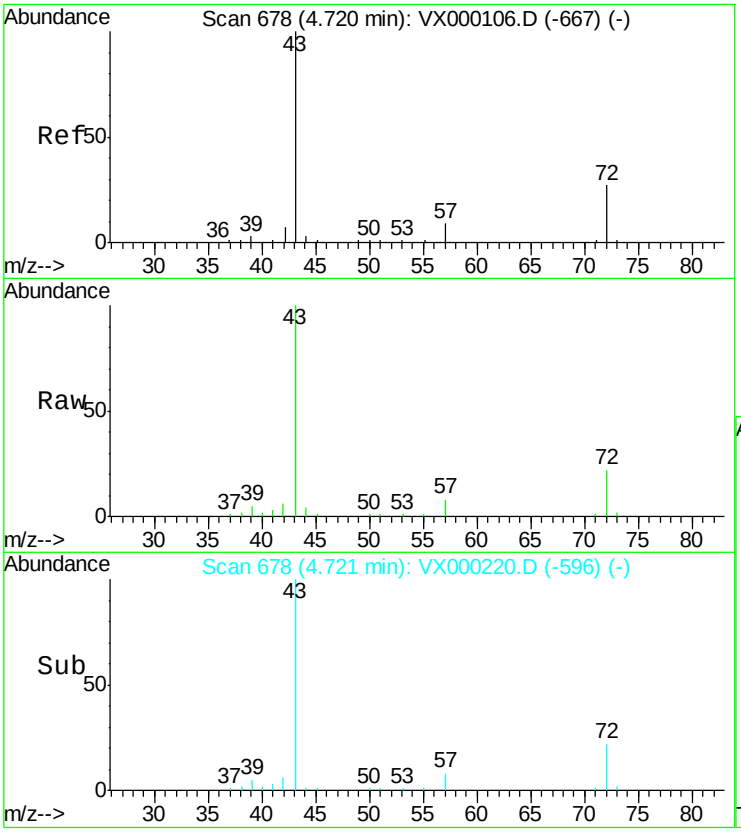


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VX000220.D
Acq: 08 Mar 2018 13:22

Tgt Ion:114 Resp: 118721

Ion	Ratio	Lower	Upper
114	100		
63	20.1	15.0	22.4
88	14.8	11.8	17.8



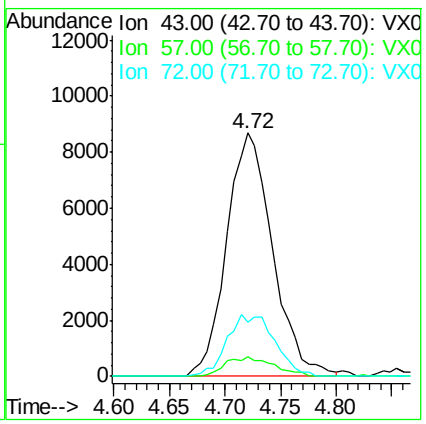


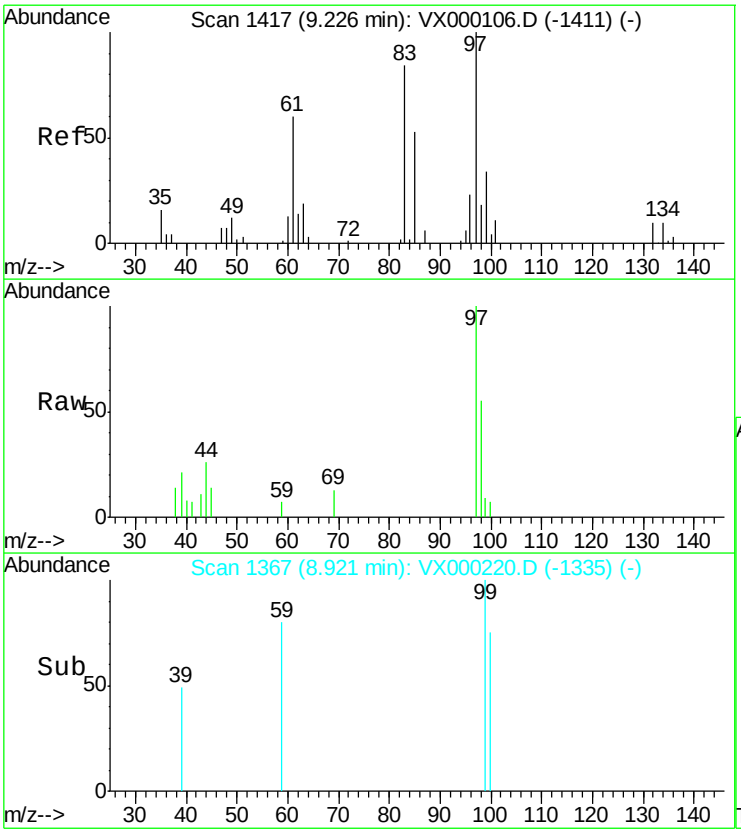
#30
2-Butanone
Concen: 18.733 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.00 min
Lab File: VX000220.D
Acq: 08 Mar 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 24931

Ion	Ratio	Lower	Upper
43	100		
57	5.1	6.6	10.0#
72	12.8	21.8	32.6#

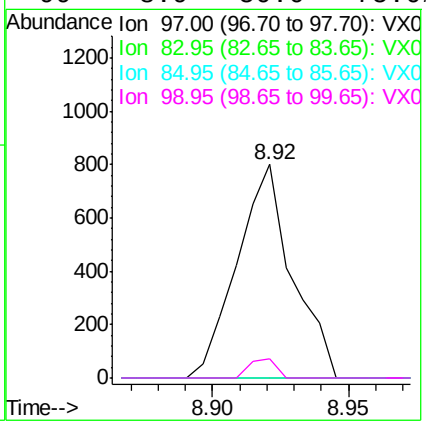


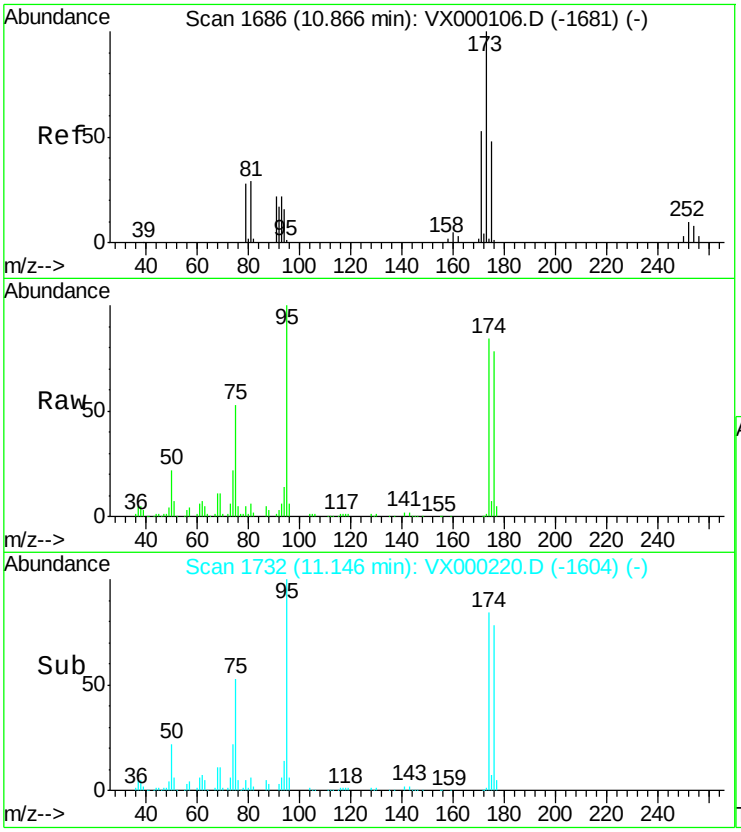


#50
1,1,2-Trichloroethane
Concen: 0.801 ug/l
RT: 8.92 min Scan# 1367
Delta R.T. -0.30 min
Lab File: VX000220.D
Acq: 08 Mar 2018 13:22

Tgt Ion: 97 Resp: 1126

Ion	Ratio	Lower	Upper
97	100		
83	0.0	66.9	100.3#
85	0.0	44.4	66.6#
99	8.9	50.0	75.0#



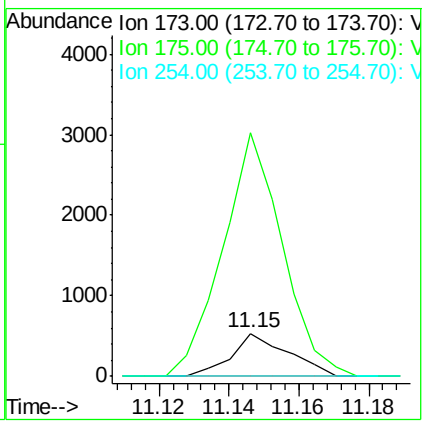


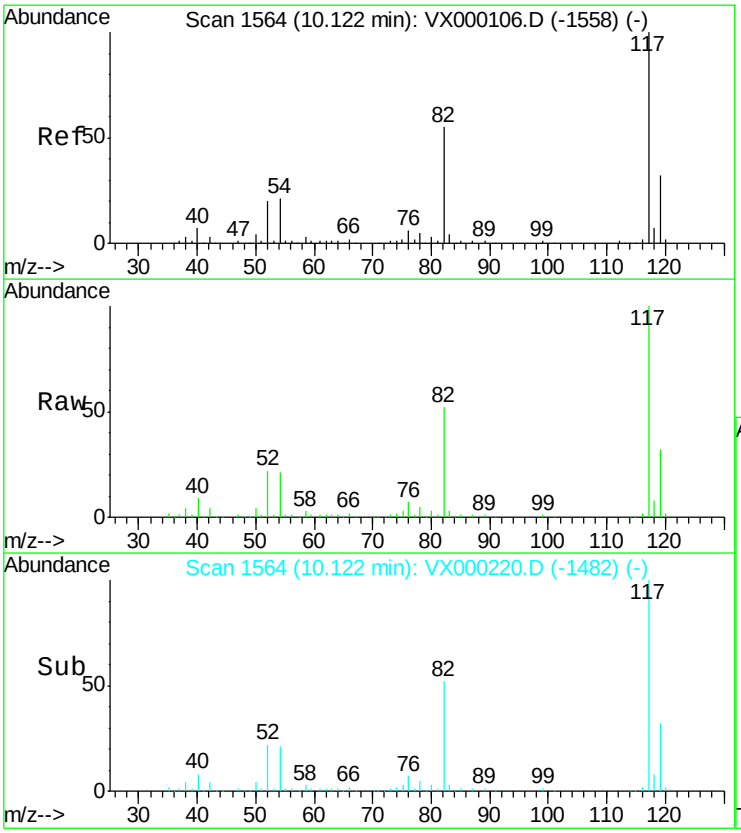
#56
Bromoform
Concen: 0.469 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.28 min
Lab File: VX000220.D
Acq: 08 Mar 2018 13:22

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:173 Resp: 594

Ion	Ratio	Lower	Upper
173	100		
175	602.9	39.0	58.4#
254	0.0	7.0	10.4#

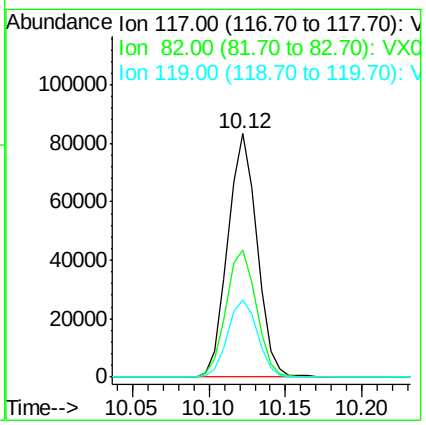


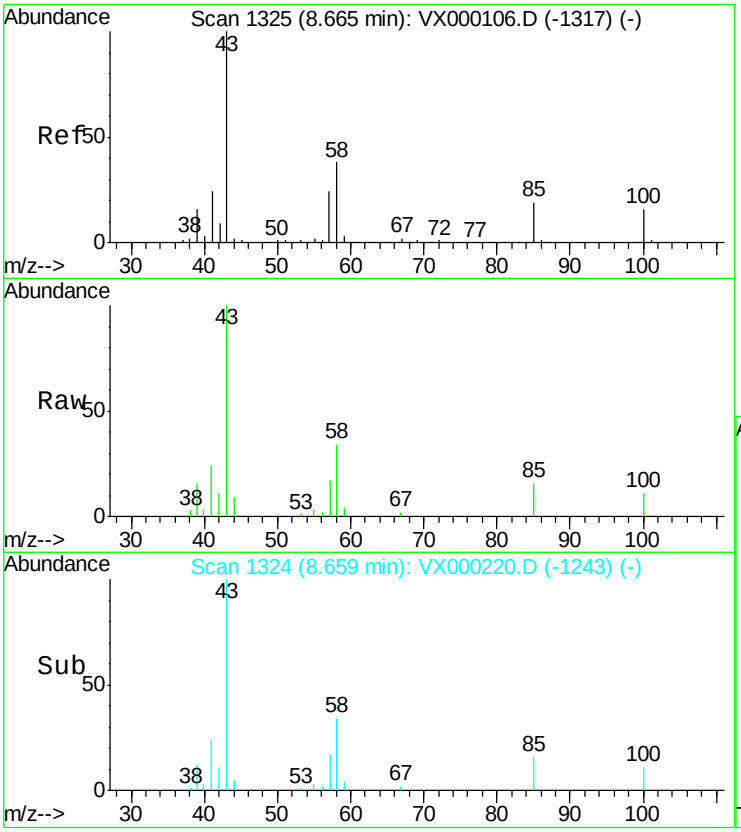


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000220.D
Acq: 08 Mar 2018 13:22

Tgt Ion:117 Resp: 110709

Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.0	64.4
119	32.4	25.8	38.8



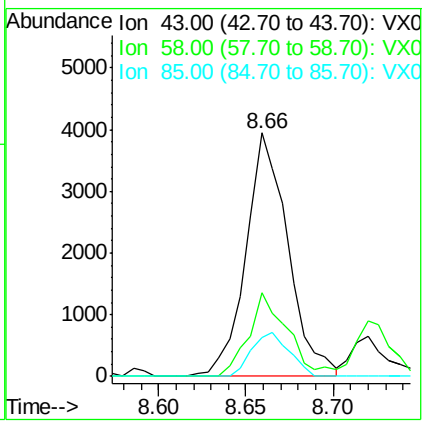


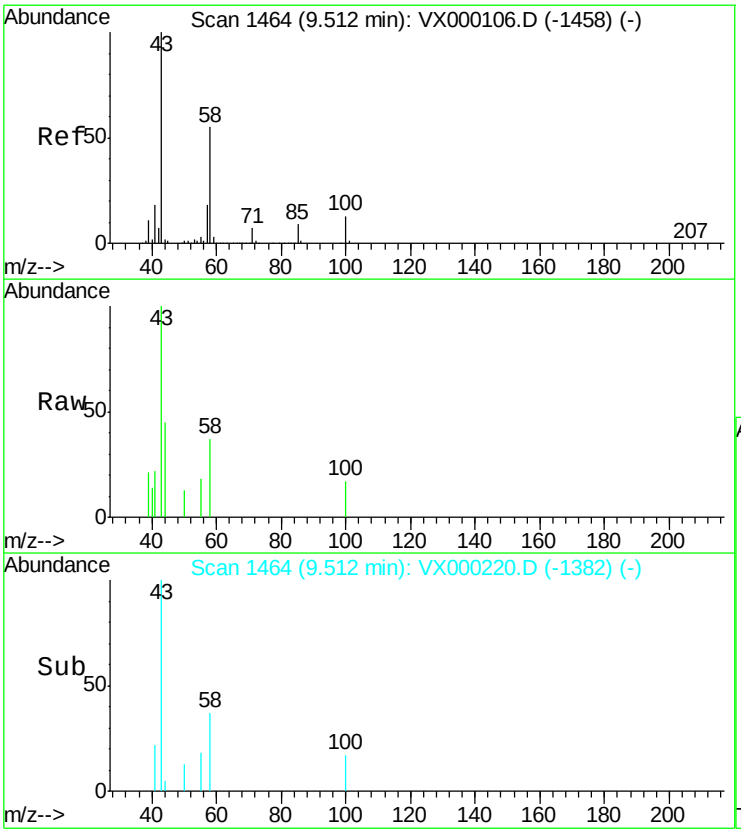
#58
4-Methyl-2-Pentanone
Concen: 2.724 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.01 min
Lab File: VX000220.D
Acq: 08 Mar 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 6606

Ion	Ratio	Lower	Upper
43	100		
58	30.6	29.8	44.8
85	16.2	14.9	22.3

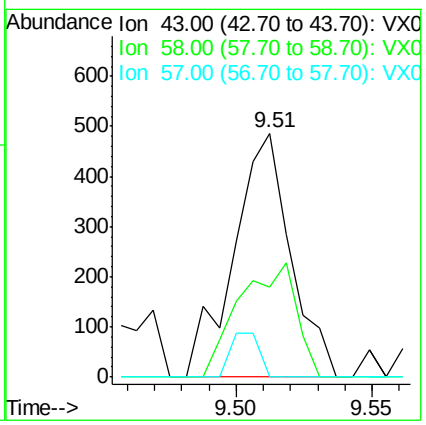


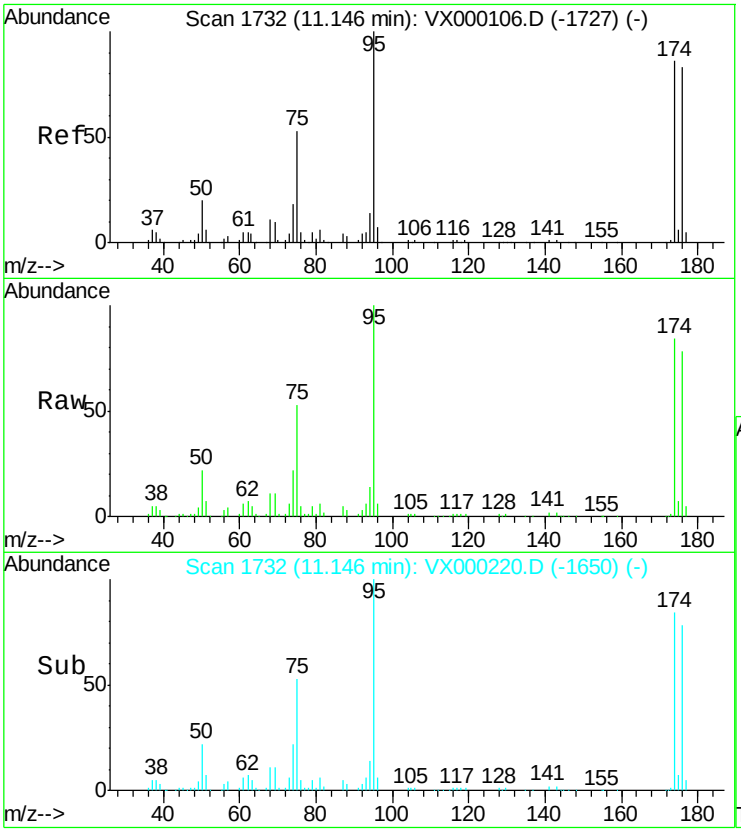


#59
2-Hexanone
Concen: 0.344 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.00 min
Lab File: VX000220.D
Acq: 08 Mar 2018 13:22

Tgt Ion: 43 Resp: 706

Ion	Ratio	Lower	Upper
43	100		
58	47.2	43.0	64.6
57	9.1	14.4	21.6#



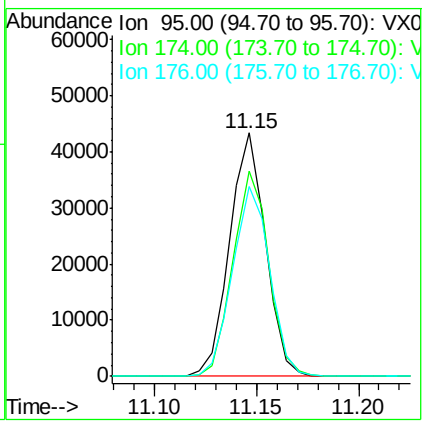


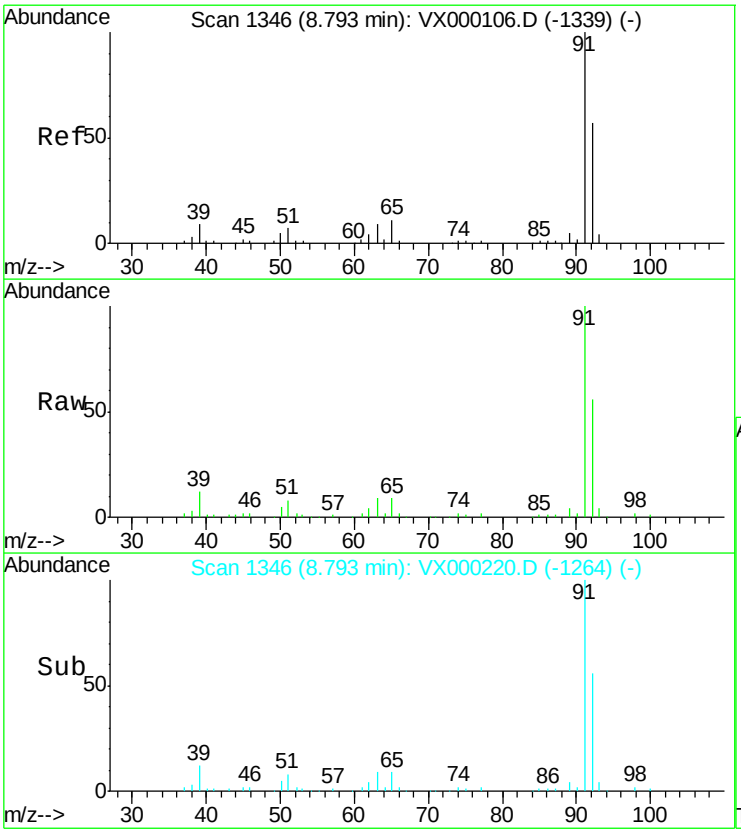
#60
4-Bromofluorobenzene
Concen: 29.158 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000220.D
Acq: 08 Mar 2018 13:22

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 52809

Ion	Ratio	Lower	Upper
95	100		
174	84.3	71.1	106.7
176	81.1	69.3	103.9

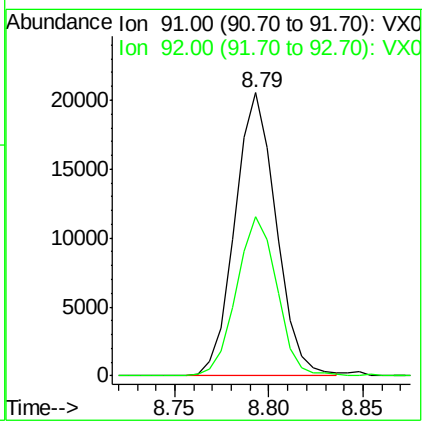


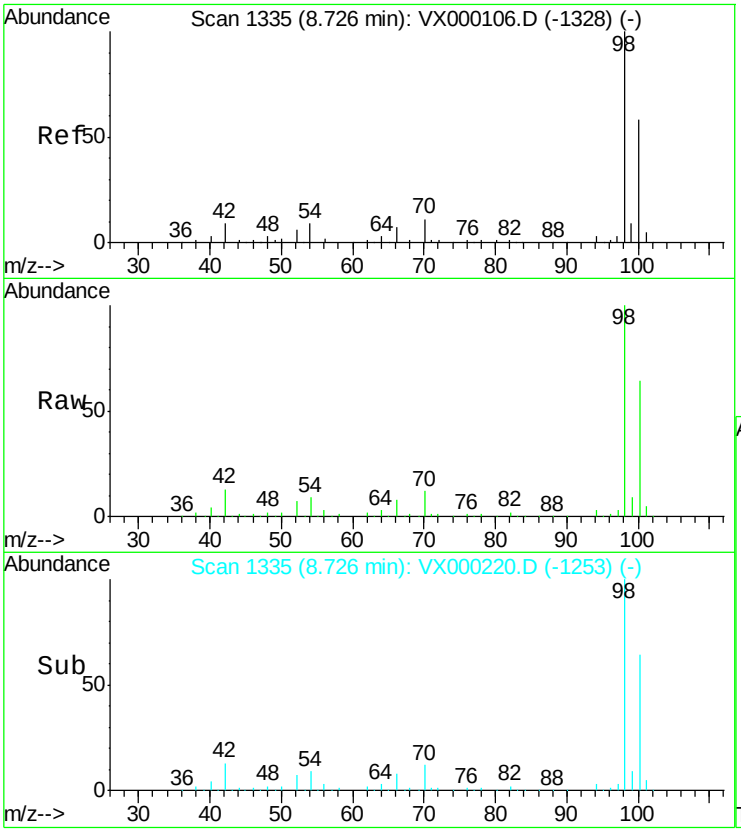


#62
Toluene
Concen: 5.410 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX000220.D
Acq: 08 Mar 2018 13:22

Tgt Ion: 91 Resp: 31165

Ion	Ratio	Lower	Upper
91	100		
92	55.4	45.4	68.0



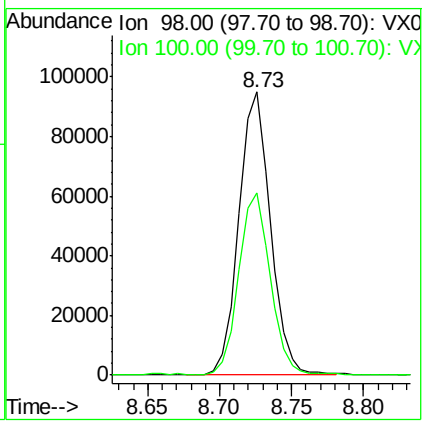


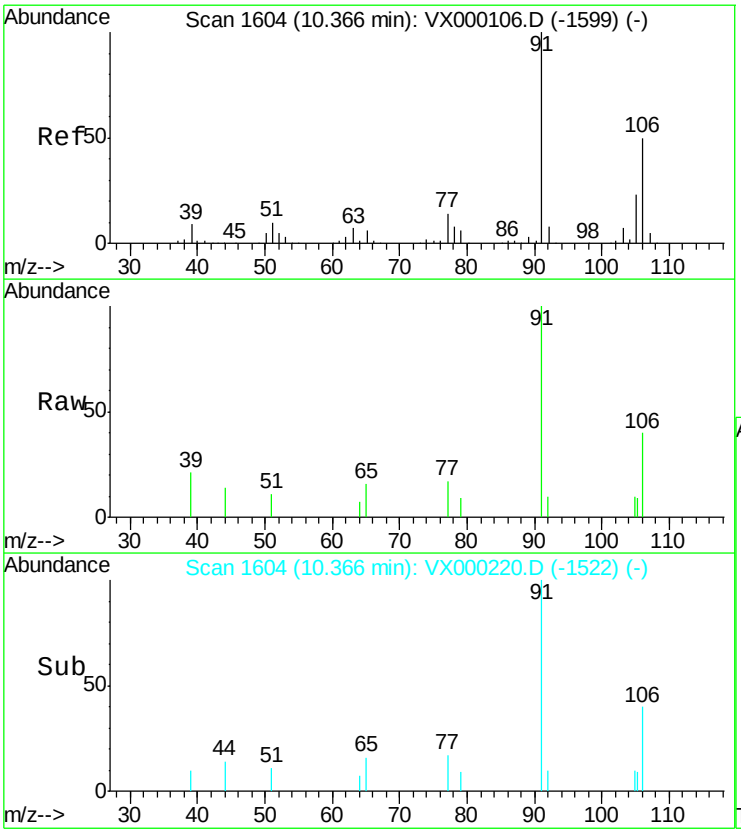
#63
Toluene-d8
Concen: 30.506 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000220.D
Acq: 08 Mar 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 144665

Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.0	75.0

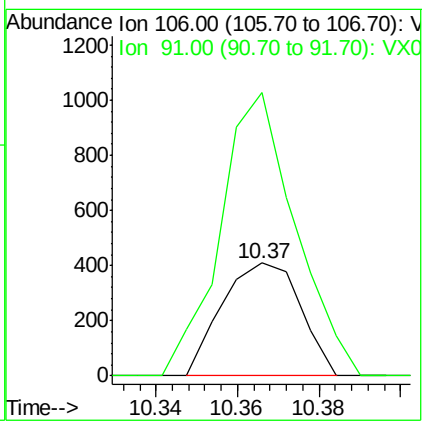


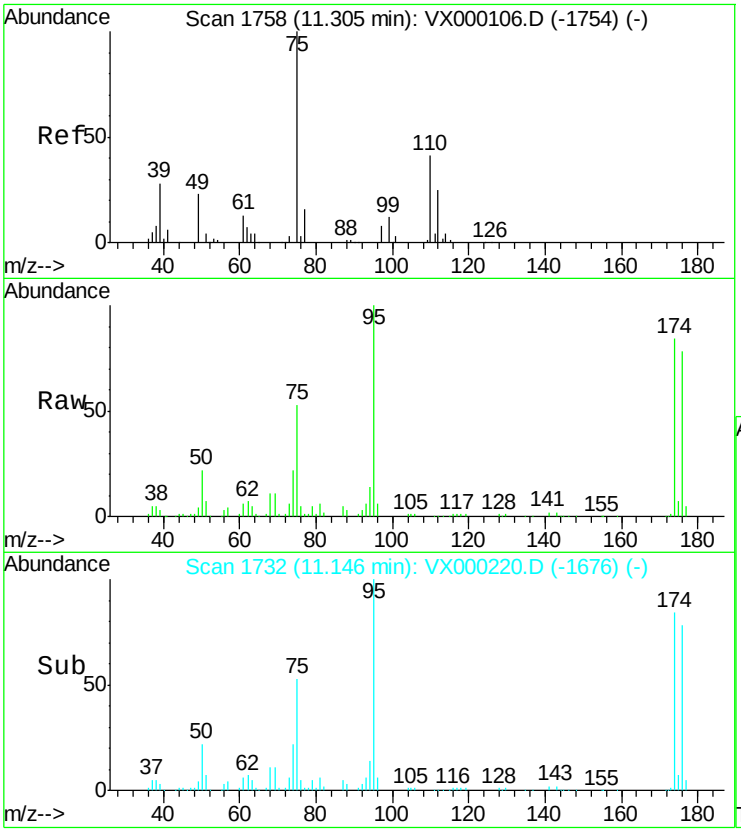


#67
m/p-Xylenes
Concen: 0.212 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000220.D
Acq: 08 Mar 2018 13:22

Tgt Ion:106 Resp: 547

Ion	Ratio	Lower	Upper
106	100		
91	240.4	161.6	242.4



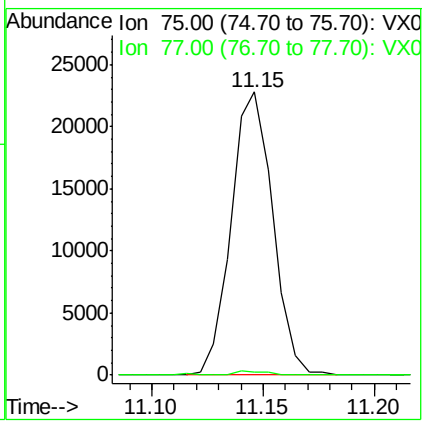


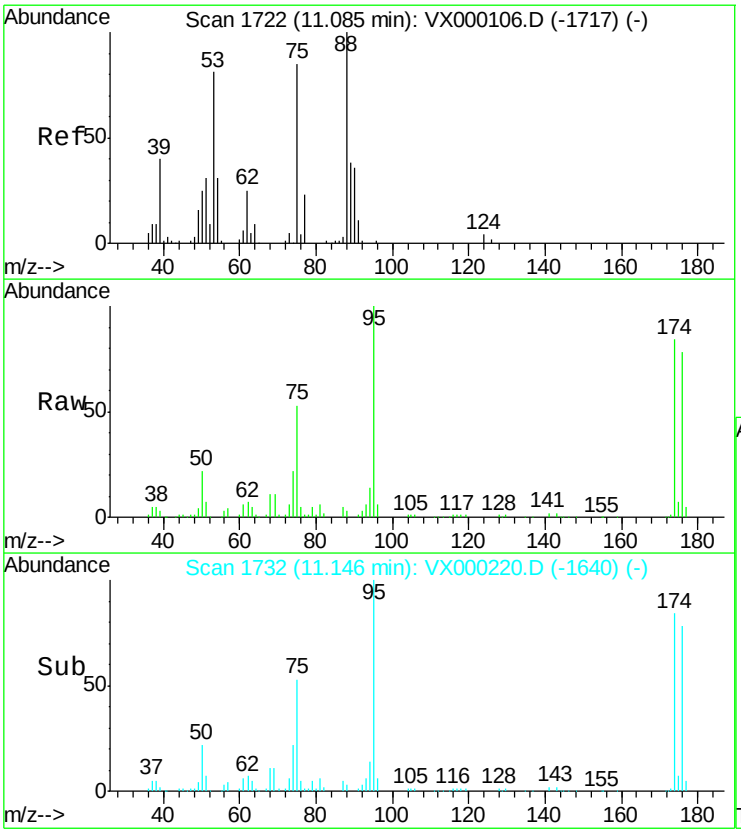
#72
1,2,3-Trichloropropane
Concen: 14.204 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.16 min
Lab File: VX000220.D
Acq: 08 Mar 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 29669

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	85.8

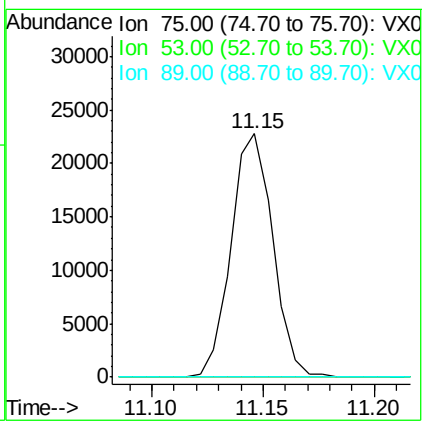


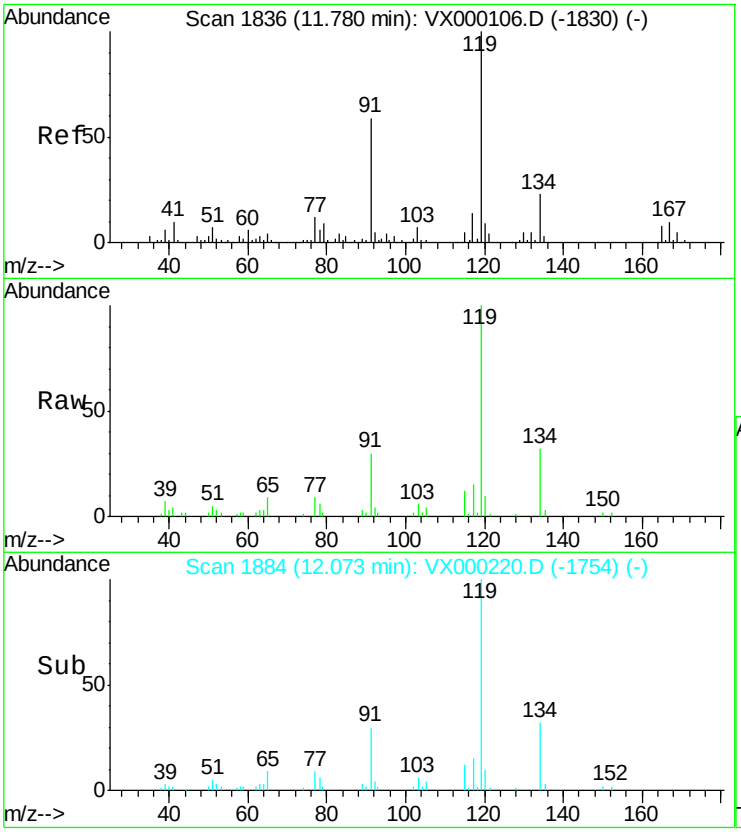


#77
t-1,4-Dichloro-2-butene
Concen: 40.167 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000220.D
Acq: 08 Mar 2018 13:22

Tgt Ion: 75 Resp: 29669

Ion	Ratio	Lower	Upper
75	100		
53	0.0	47.8	143.3#
89	0.0	22.3	66.8#



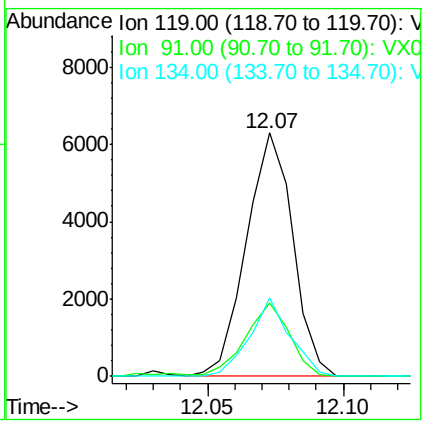


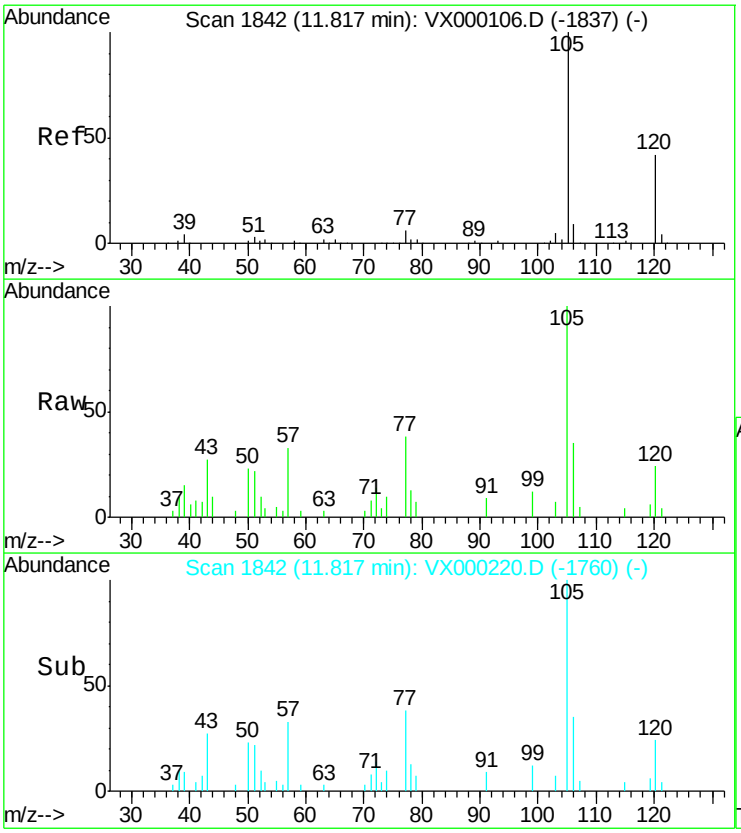
#79
tert-butylbenzene
Concen: 1.305 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. 0.29 min
Lab File: VX000220.D
Acq: 08 Mar 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:119 Resp: 7447

Ion	Ratio	Lower	Upper
119	100		
91	28.9	0.0	51.6
134	27.9	0.0	60.2

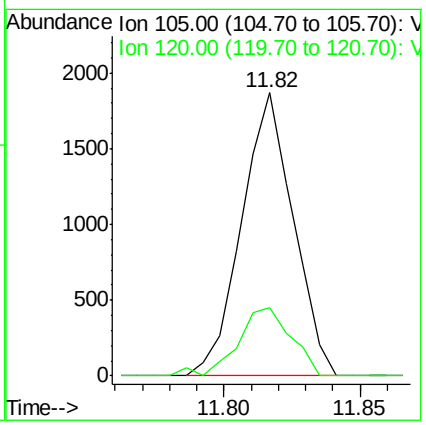


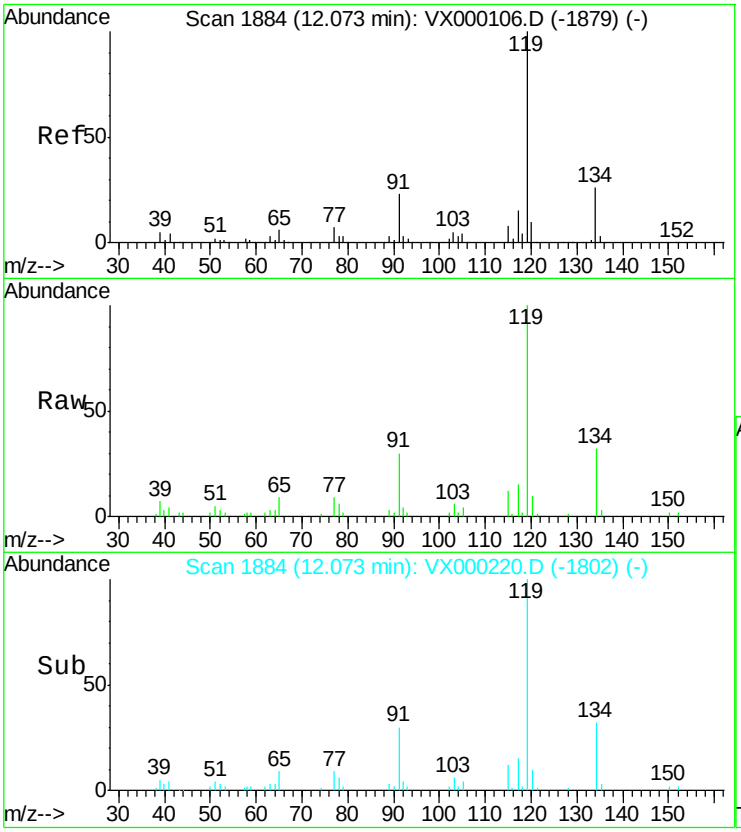


#80
1,2,4-Trimethylbenzene
Concen: 0.420 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX000220.D
Acq: 08 Mar 2018 13:22

Tgt Ion:105 Resp: 2457

Ion	Ratio	Lower	Upper
105	100		
120	24.1	0.0	93.0



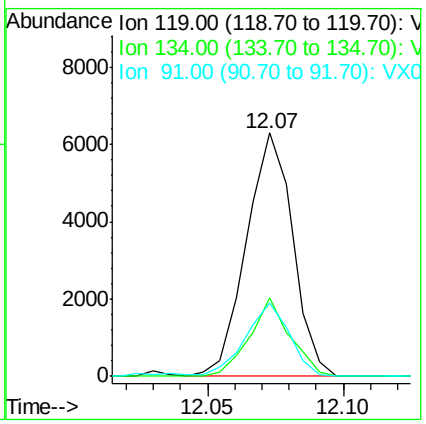


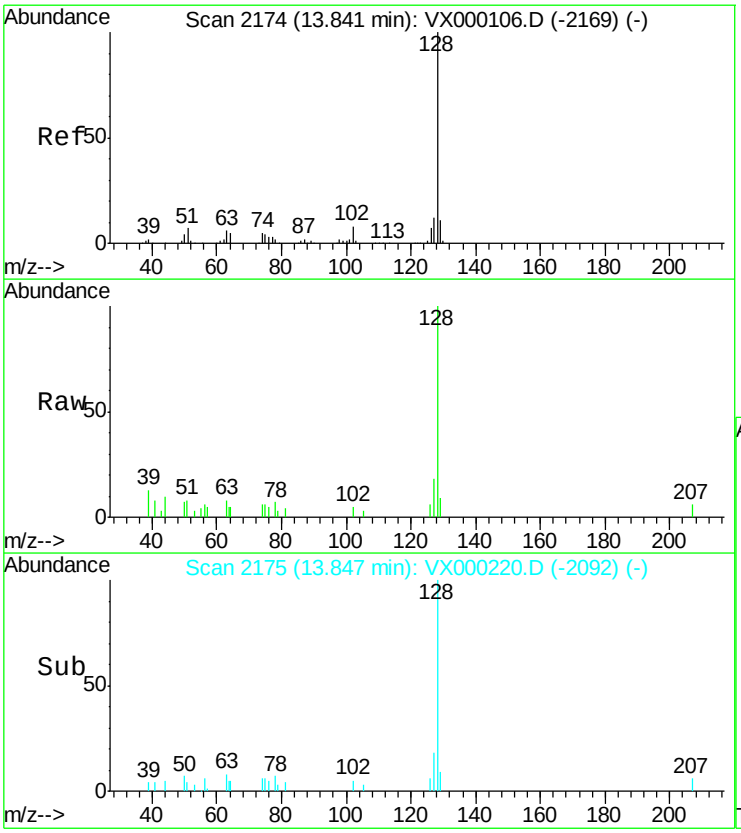
#82
p-Isopropyltoluene
Concen: 1.183 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX000220.D
Acq: 08 Mar 2018 13:22

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:119 Resp: 7447

Ion	Ratio	Lower	Upper
119	100		
134	27.9	0.0	54.4
91	28.9	0.0	46.6





#91
Naphthalene
Concen: 0.285 ug/l
RT: 13.85 min Scan# 2175
Delta R.T. 0.01 min
Lab File: VX000220.D
Acq: 08 Mar 2018 13:22

Tgt Ion:128 Resp: 2450

Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.5	15.7
129	10.6	9.0	13.6