Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX053018\
Data File : VX002149.D
Acq On : 30 May 2018 20:52
Operator : JC/MD
Sample : J3093-02 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 14B-2

Quant Time: May 31 02:10:41 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X052518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 25 02:17:15 2018
Response via : Initial Calibration

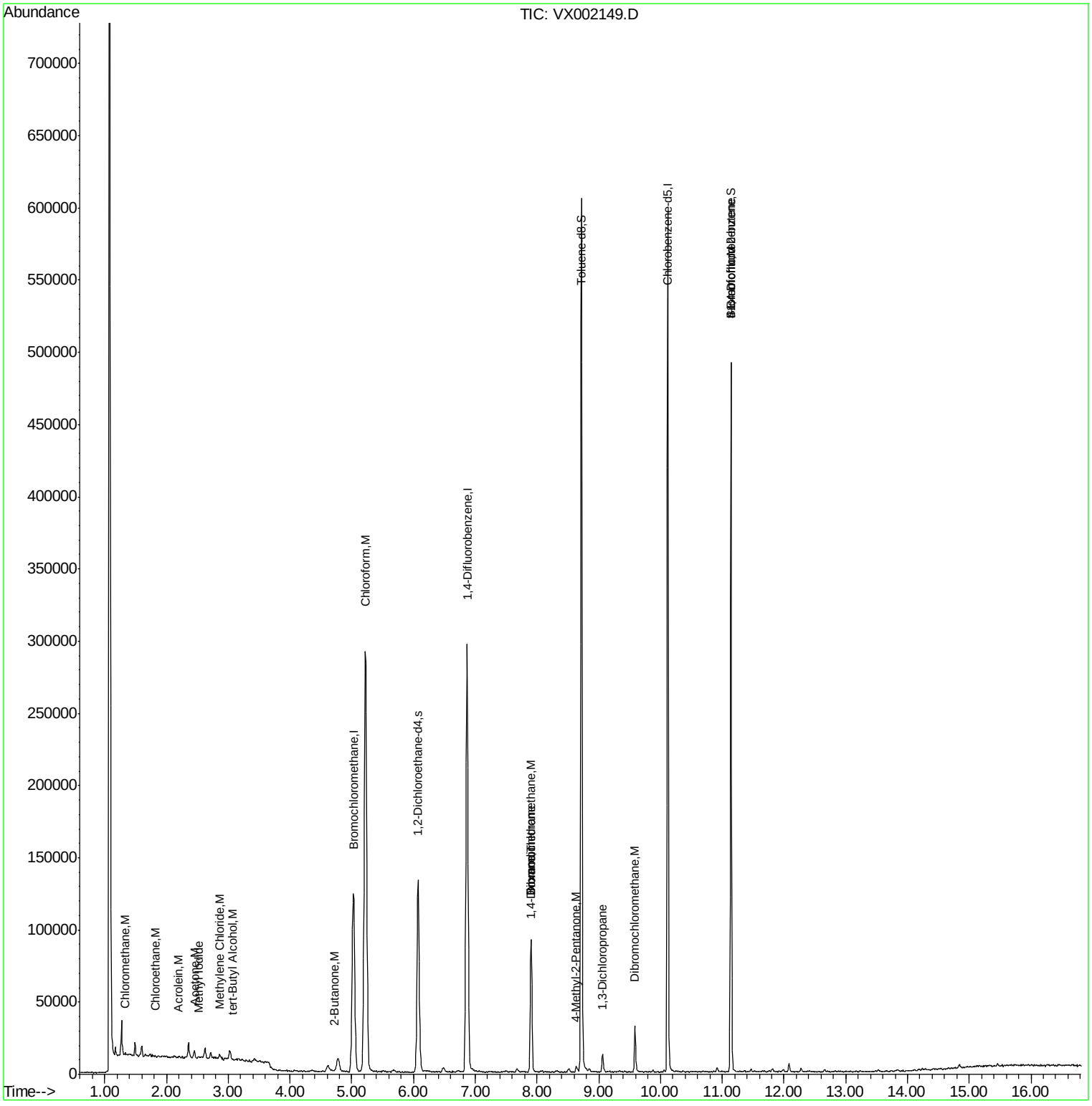
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.03	128	50087	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.87	114	289138	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.12	117	252765	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.07	65	124145	31.50	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 105.00%				
60) 4-Bromofluorobenzene	11.14	95	115506	26.69	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 88.97%				
63) Toluene-d8	8.72	98	344483	30.58	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 101.93%				
Target Compounds							Qvalue
3) Chloromethane	1.33	50	1112	0.35	ug/l	#	75
6) Chloroethane	1.81	64	405	0.22	ug/l		89
11) Methyl Iodide	2.52	142	1158	0.30	ug/l		78
13) Acrolein	2.19	56	223	0.65	ug/l		83
15) Acetone	2.45	58	1987	4.49	ug/l		70
18) Methylene Chloride	2.86	84	1431	0.51	ug/l	#	88
23) tert-Butyl Alcohol	3.07	59	319	0.37	ug/l	#	71
25) Chloroform	5.22	83	336079	61.15	ug/l		99
30) 2-Butanone	4.72	43	872	0.31	ug/l	#	79
40) Dibromomethane	7.91	93	1819	0.82	ug/l	#	1
41) Bromodichloromethane	7.90	83	54064	11.76	ug/l		99
45) 1,4-Dioxane	7.89	88	20	0.23	ug/l	#	1
52) 1,3-Dichloropropane	9.07	76	1638	0.31	ug/l	#	43
53) Dibromochloromethane	9.59	129	4534	1.17	ug/l		97
56) Bromoform	11.14	173	1328	0.39	ug/l	#	1
58) 4-Methyl-2-Pentanone	8.64	43	3378	0.61	ug/l	#	53
77) t-1,4-Dichloro-2-butene	11.14	75	61971	39.24	ug/l	#	11

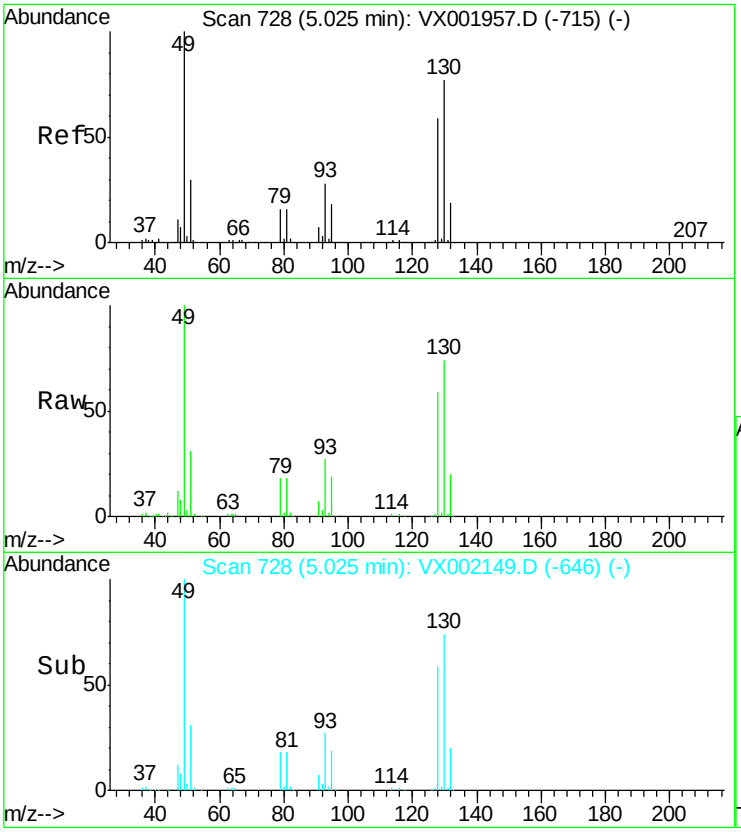
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX053018\
Data File : VX002149.D
Acq On : 30 May 2018 20:52
Operator : JC/MD
Sample : J3093-02 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
14B-2

Quant Time: May 31 02:10:41 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\624X052518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 25 02:17:15 2018
Response via : Initial Calibration



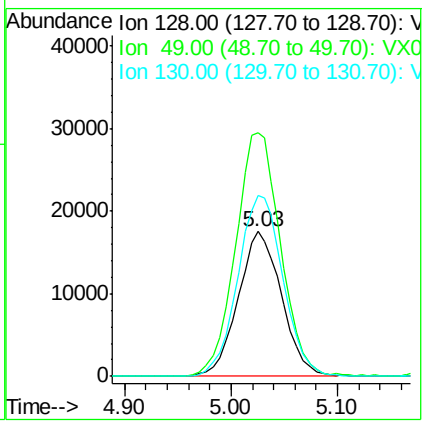


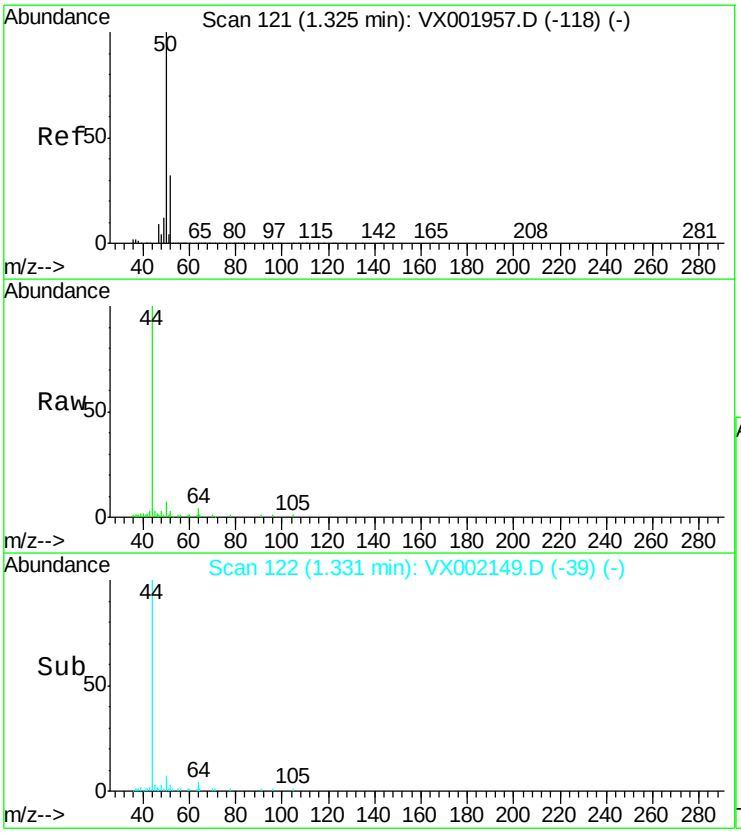
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX002149.D
Acq: 30 May 2018 20:52

Instrument :
MSVOA_X
ClientSampleId :
14B-2

Tgt Ion:128 Resp: 50087

Ion	Ratio	Lower	Upper
128	100		
49	173.9	0.0	423.0
130	130.0	0.0	324.3

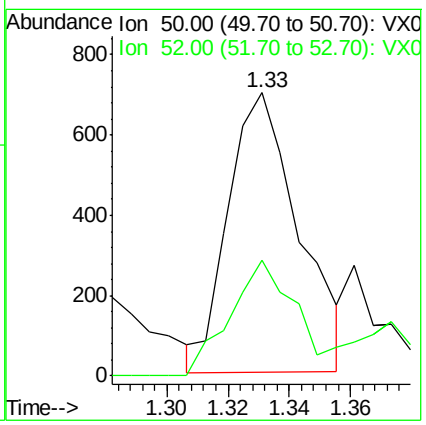


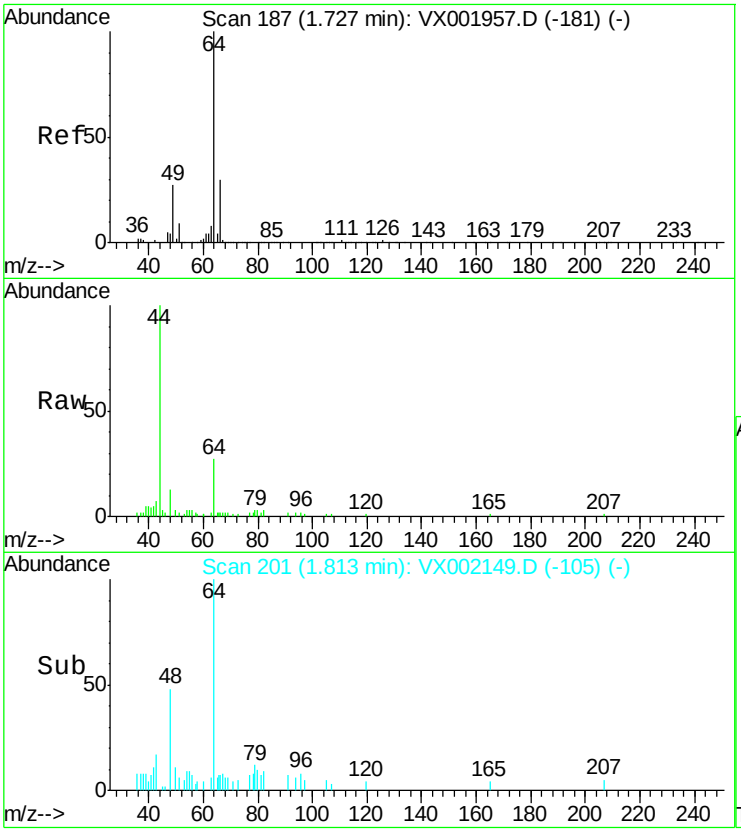


#3
Chloromethane
Concen: 0.35 ug/l
RT: 1.33 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX002149.D
Acq: 30 May 2018 20:52

Tgt Ion: 50 Resp: 1112

Ion	Ratio	Lower	Upper
50	100		
52	46.0	25.6	38.4#



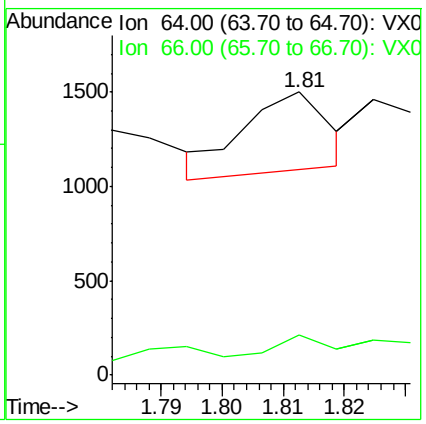


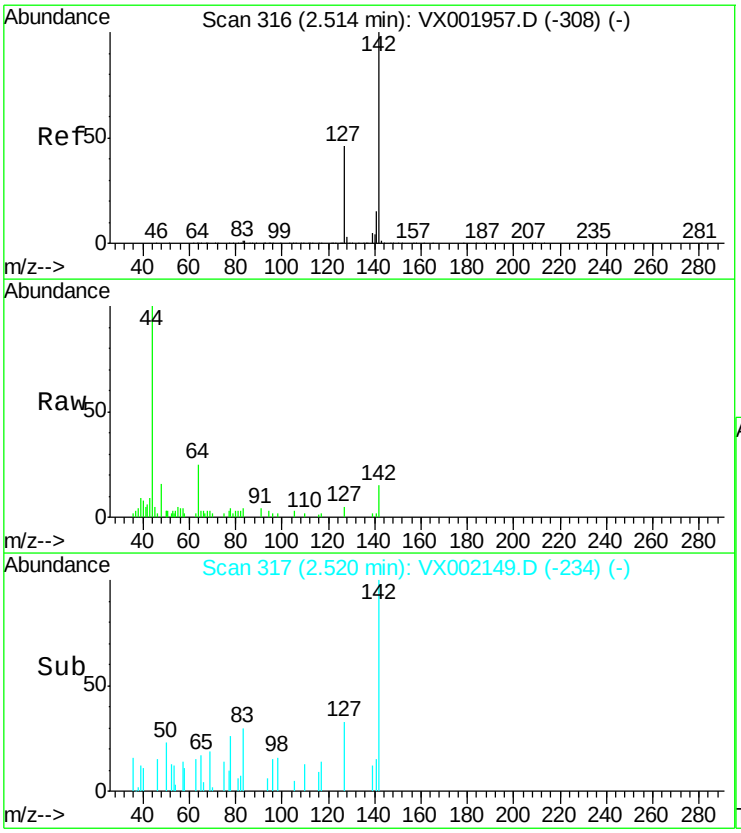
#6
Chloroethane
Concen: 0.22 ug/l
RT: 1.81 min Scan# 201
Delta R.T. 0.09 min
Lab File: VX002149.D
Acq: 30 May 2018 20:52

Instrument :
MSVOA_X
ClientSampleId :
14B-2

Tgt Ion: 64 Resp: 405

Ion	Ratio	Lower	Upper
64	100		
66	24.6	24.3	36.5

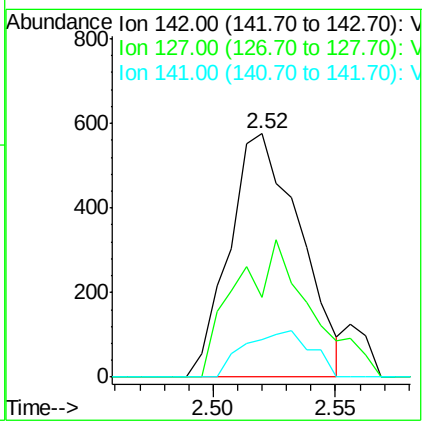


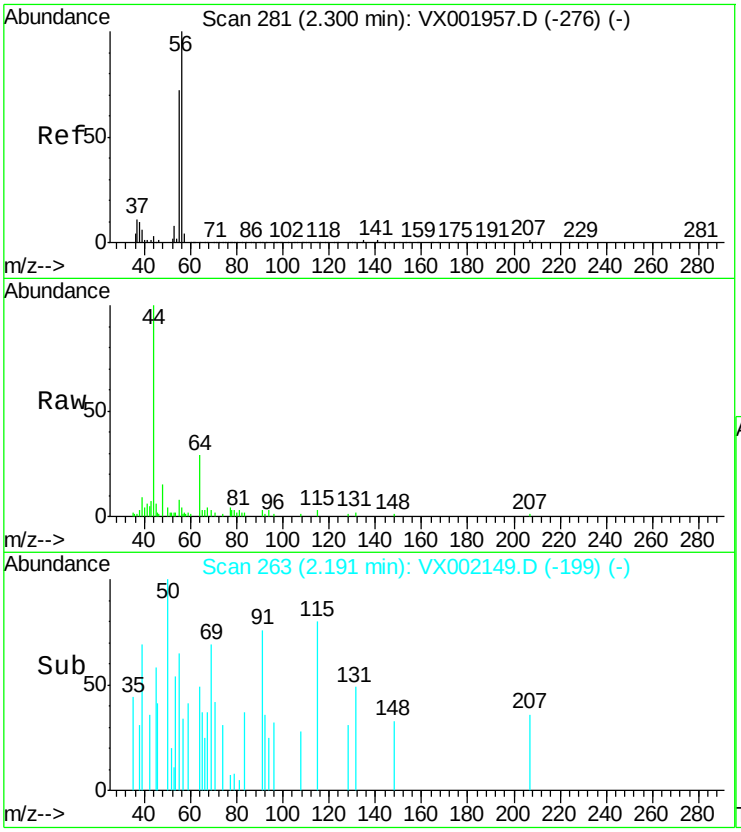


#11
Methyl Iodide
Concen: 0.30 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002149.D
Acq: 30 May 2018 20:52

Tgt Ion:142 Resp: 1158

Ion	Ratio	Lower	Upper
142	100		
127	27.7	23.2	69.6
141	16.7	7.4	22.2



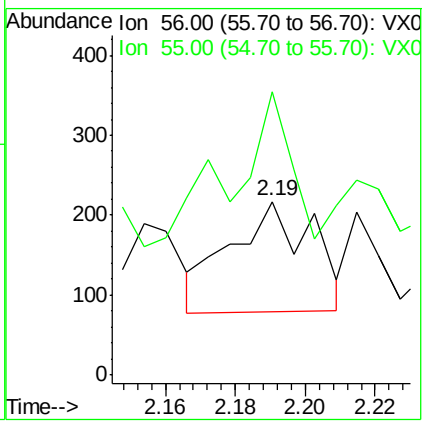


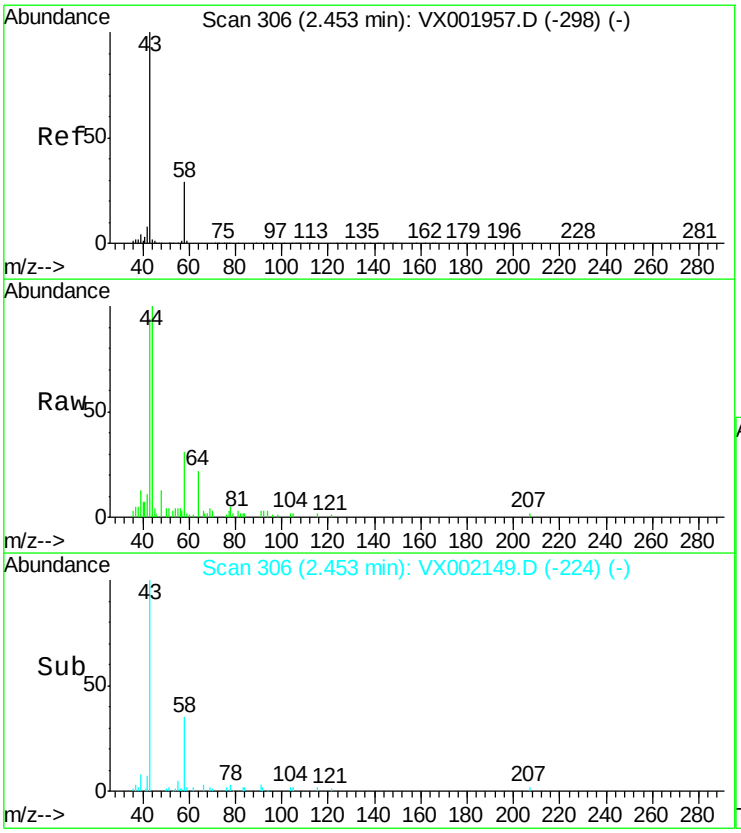
#13
Acrolein
Concen: 0.65 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.11 min
Lab File: VX002149.D
Acq: 30 May 2018 20:52

Instrument :
MSVOA_X
ClientSampleId :
14B-2

Tgt Ion: 56 Resp: 223

Ion	Ratio	Lower	Upper
56	100		
55	57.8	57.3	85.9

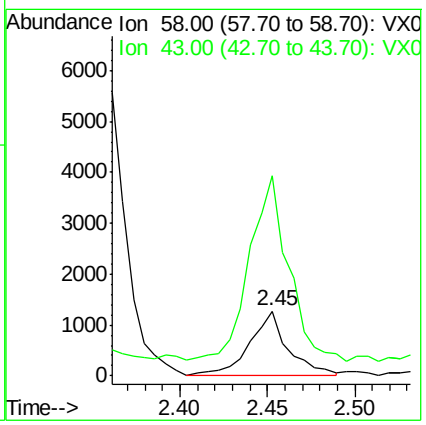


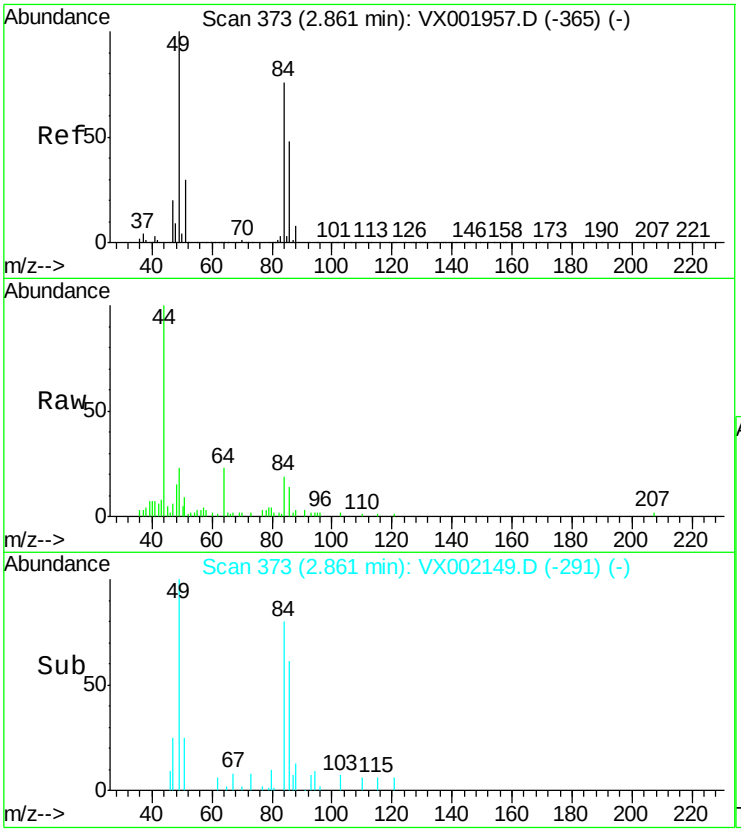


#15
Acetone
Concen: 4.49 ug/l
RT: 2.45 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX002149.D
Acq: 30 May 2018 20:52

Tgt Ion: 58 Resp: 1987

Ion	Ratio	Lower	Upper
58	100		
43	283.3	278.8	418.2



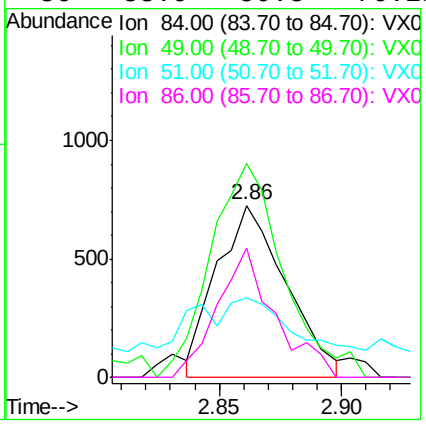


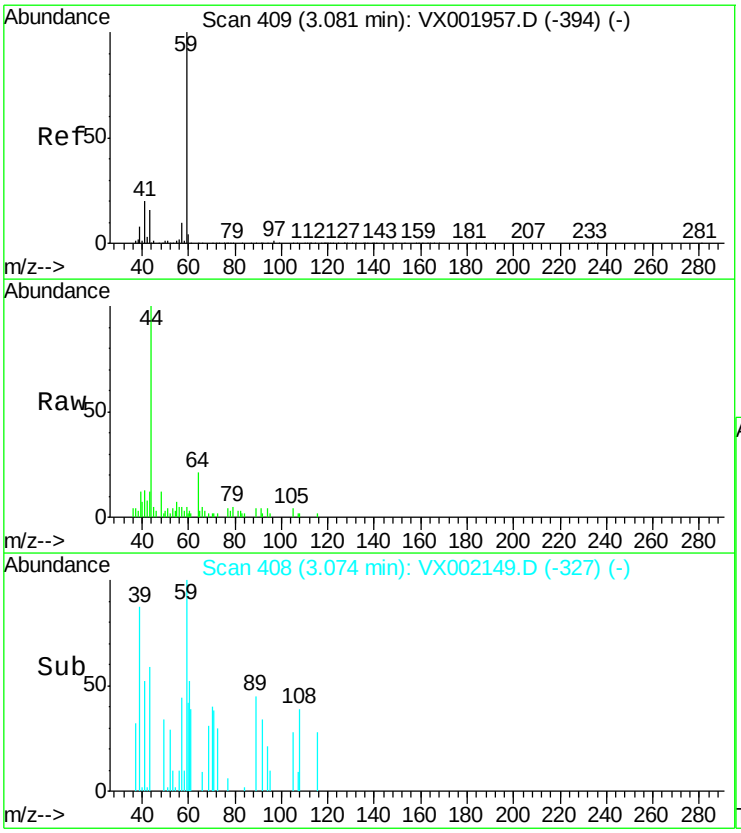
#18
Methylene Chloride
Concen: 0.51 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002149.D
Acq: 30 May 2018 20:52

Instrument : MSVOA_X
ClientSampleId : 14B-2

Tgt Ion: 84 Resp: 1431

Ion	Ratio	Lower	Upper
84	100		
49	126.0	104.7	157.1
51	30.5	31.0	46.4#
86	83.9	50.8	76.2#

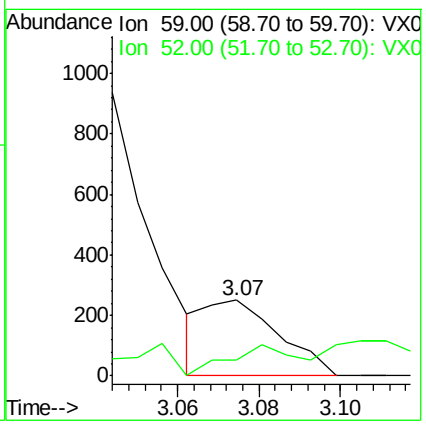


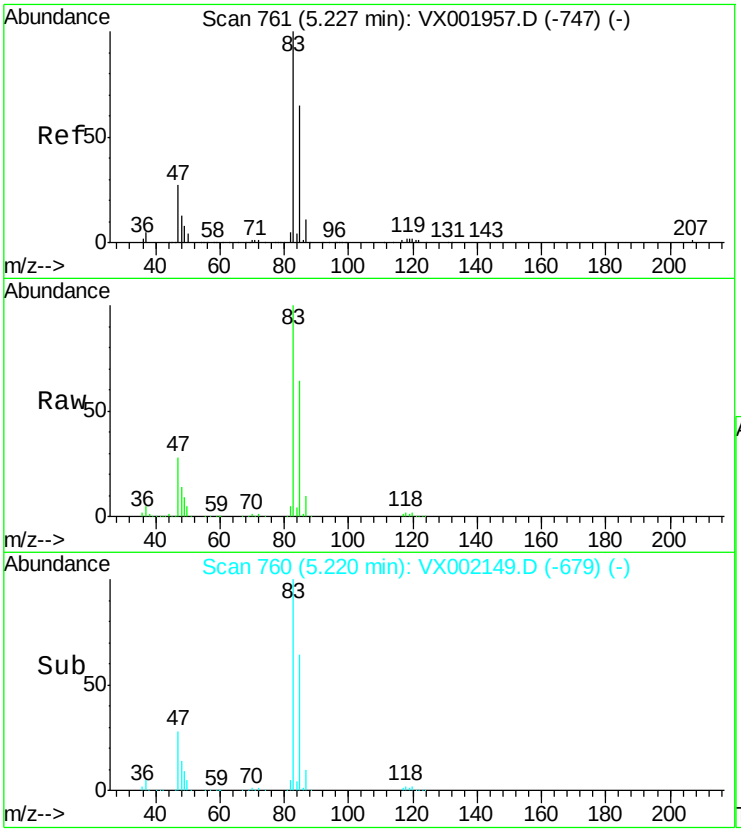


#23
tert-Butyl Alcohol
Concen: 0.37 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002149.D
Acq: 30 May 2018 20:52

Tgt Ion: 59 Resp: 319

Ion	Ratio	Lower	Upper
59	100		
52	37.3	0.2	0.2#



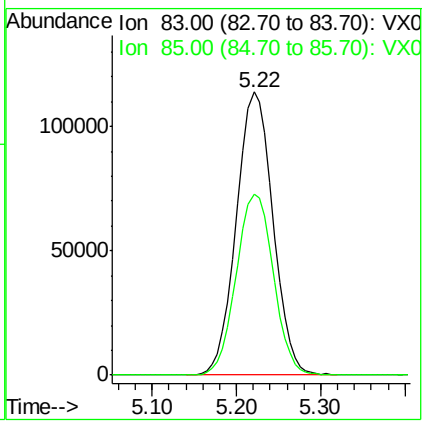


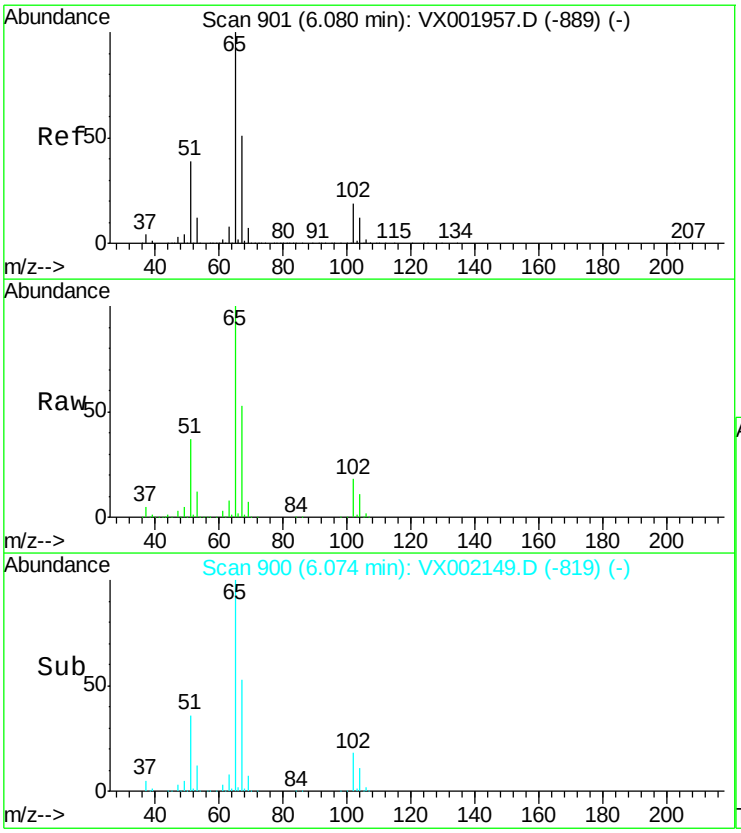
#25
Chloroform
Concen: 61.15 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX002149.D
Acq: 30 May 2018 20:52

Instrument :
MSVOA_X
ClientSampleId :
14B-2

Tgt Ion: 83 Resp: 336079

Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.9	77.9

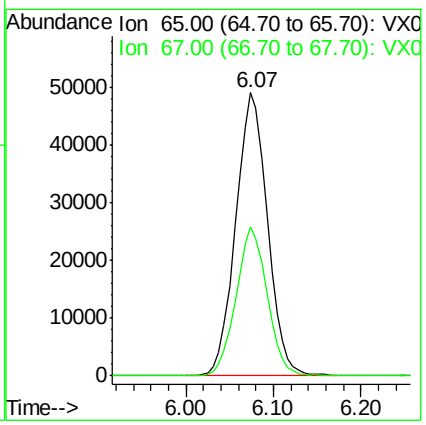


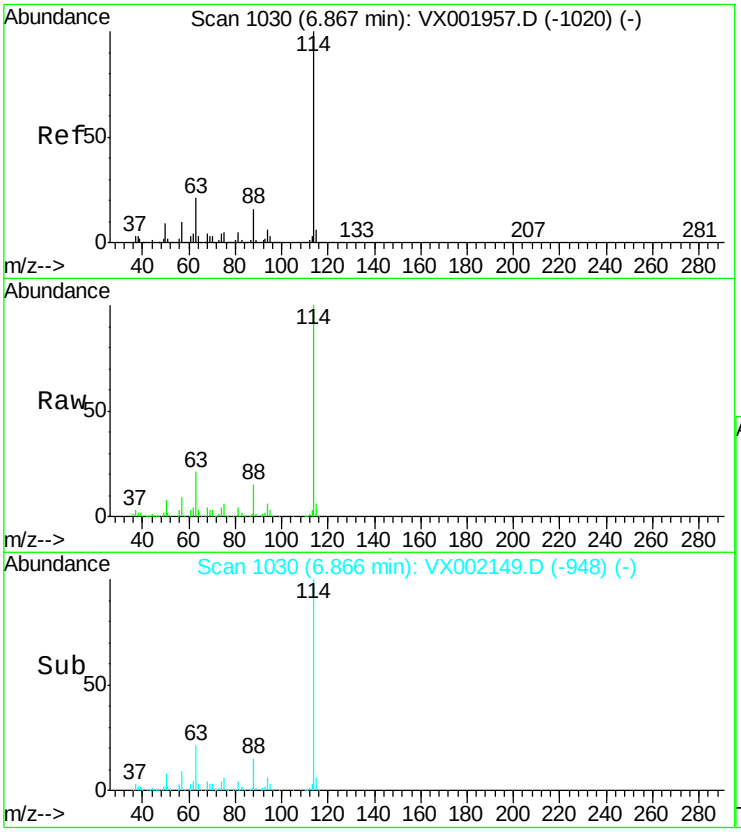


#27
1,2-Dichloroethane-d4
Concen: 31.50 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.01 min
Lab File: VX002149.D
Acq: 30 May 2018 20:52

Tgt Ion: 65 Resp: 124145

Ion	Ratio	Lower	Upper
65	100		
67	51.4	40.9	61.3



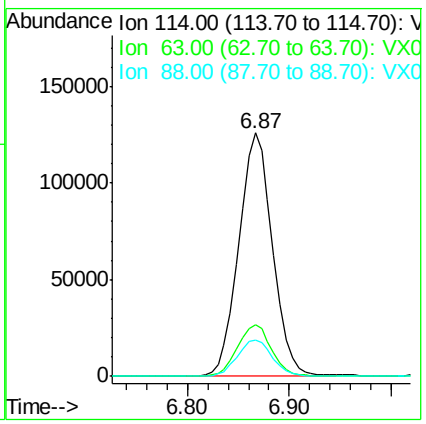


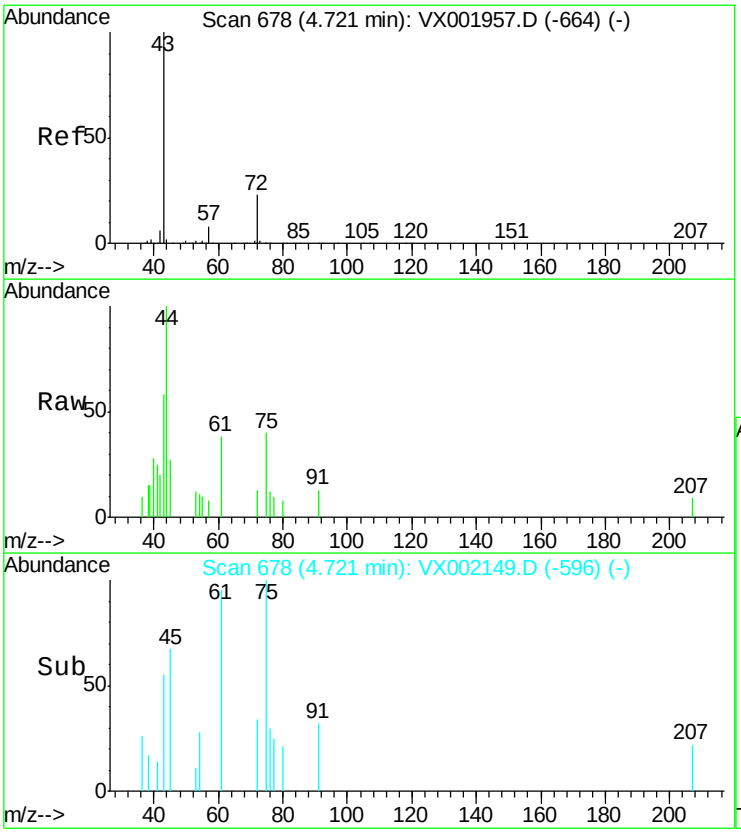
#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX002149.D
Acq: 30 May 2018 20:52

Instrument : MSVOA_X
ClientSampleId : 14B-2

Tgt Ion:114 Resp: 289138

Ion	Ratio	Lower	Upper
114	100		
63	21.5	17.1	25.7
88	15.5	12.6	19.0

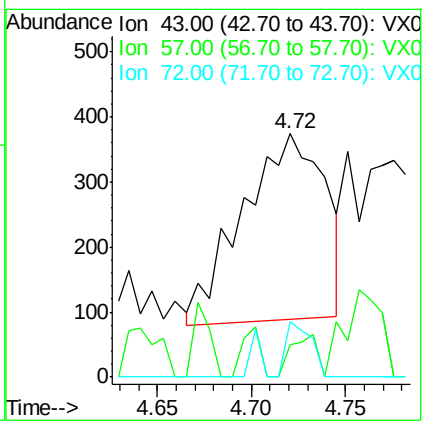


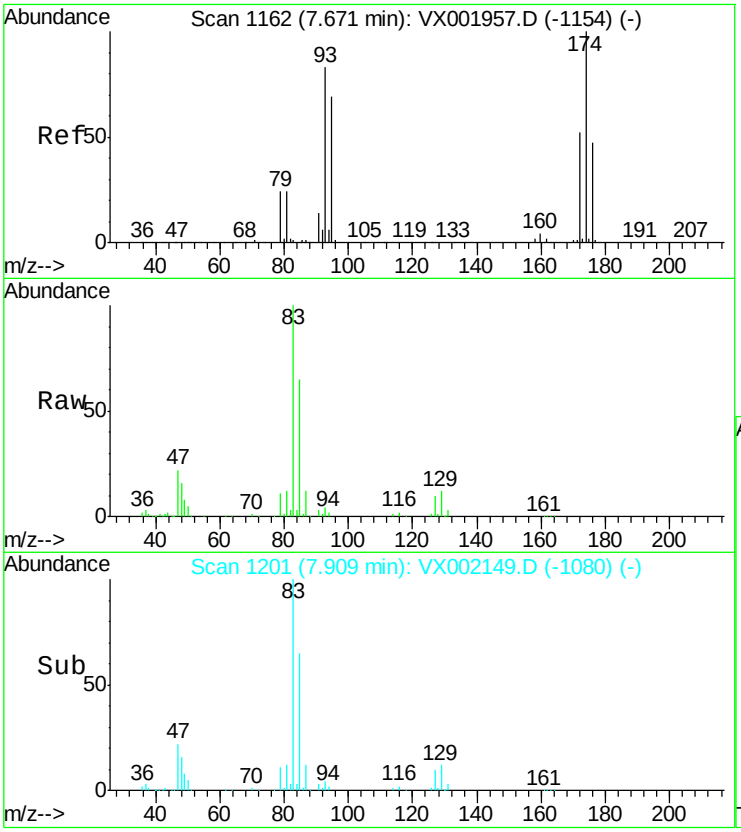


#30
2-Butanone
Concen: 0.31 ug/l
RT: 4.72 min Scan# 678
Delta R.T. -0.00 min
Lab File: VX002149.D
Acq: 30 May 2018 20:52

Tgt Ion: 43 Resp: 872

Ion	Ratio	Lower	Upper
43	100		
57	7.1	6.1	9.1
72	9.1	18.1	27.1#



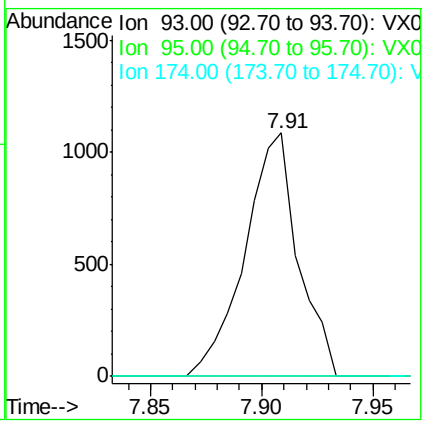


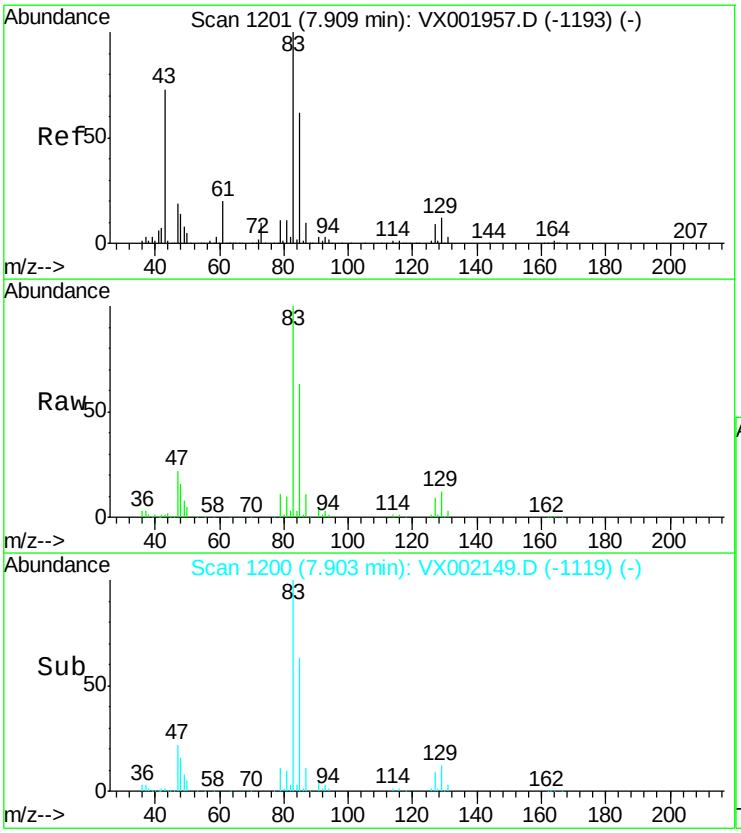
#40
Dibromomethane
Concen: 0.82 ug/l
RT: 7.91 min Scan# 1201
Delta R.T. 0.24 min
Lab File: VX002149.D
Acq: 30 May 2018 20:52

Instrument : MSVOA_X
ClientSampleId : 14B-2

Tgt Ion: 93 Resp: 1819

Ion	Ratio	Lower	Upper
93	100		
95	0.0	0.0	162.6
174	0.0	0.0	229.4

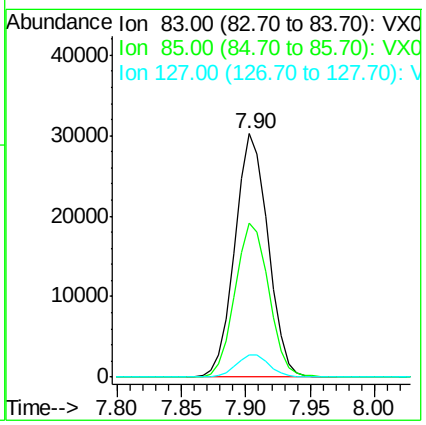


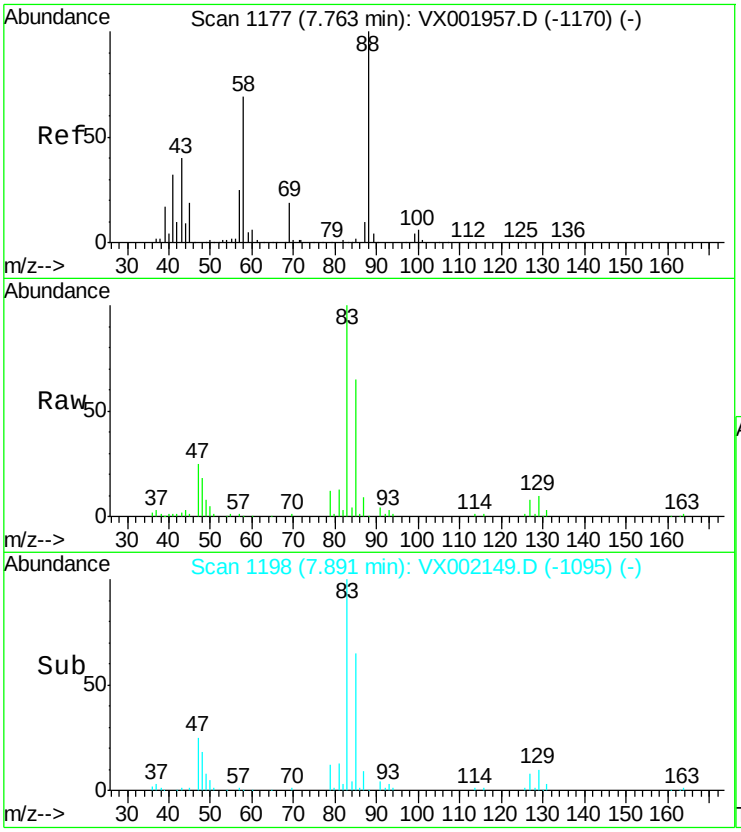


#41
Bromodichloromethane
Concen: 11.76 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.01 min
Lab File: VX002149.D
Acq: 30 May 2018 20:52

Tgt Ion: 83 Resp: 54064

Ion	Ratio	Lower	Upper
83	100		
85	63.3	49.8	74.8
127	9.3	7.3	10.9



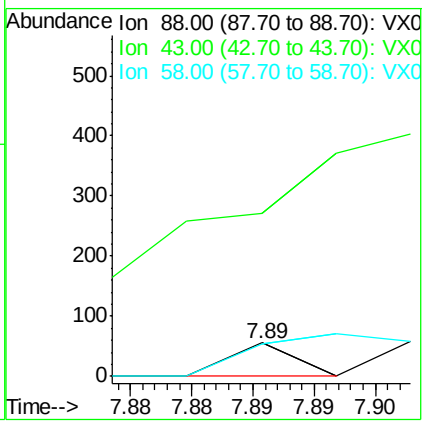


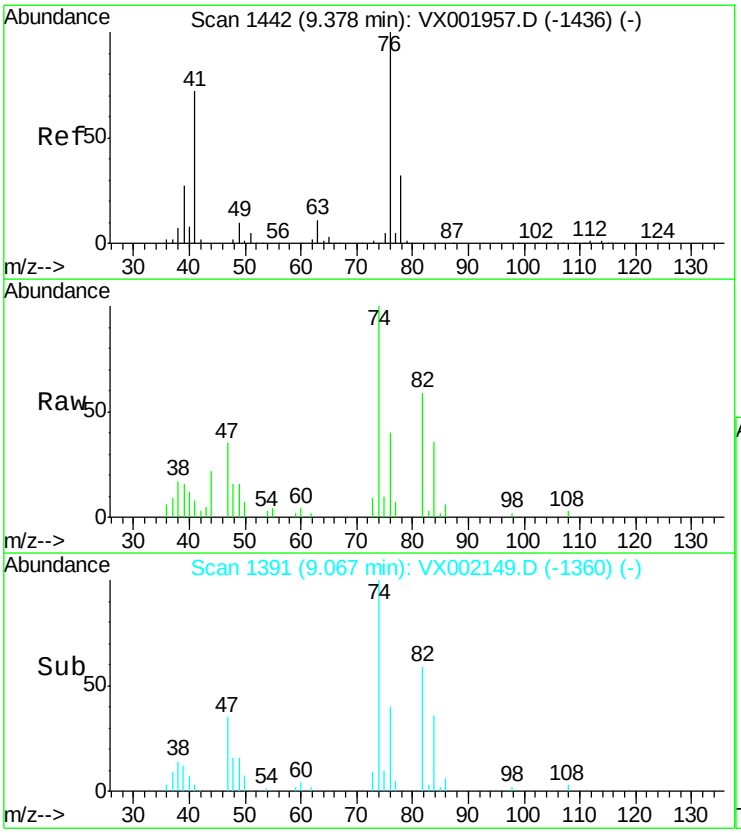
#45
1,4-Dioxane
Concen: 0.23 ug/l
RT: 7.89 min Scan# 1198
Delta R.T. 0.13 min
Lab File: VX002149.D
Acq: 30 May 2018 20:52

Instrument : MSVOA_X
ClientSampleId : 14B-2

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	570.0	43.2	64.8#
58	0.0	60.2	90.2#

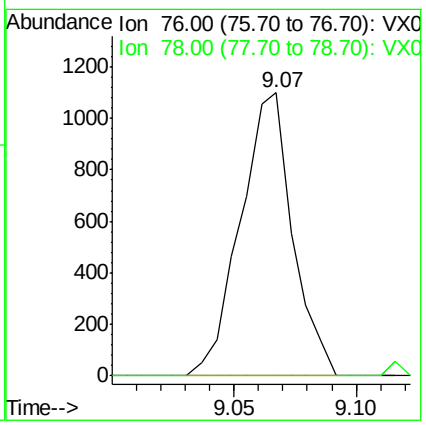


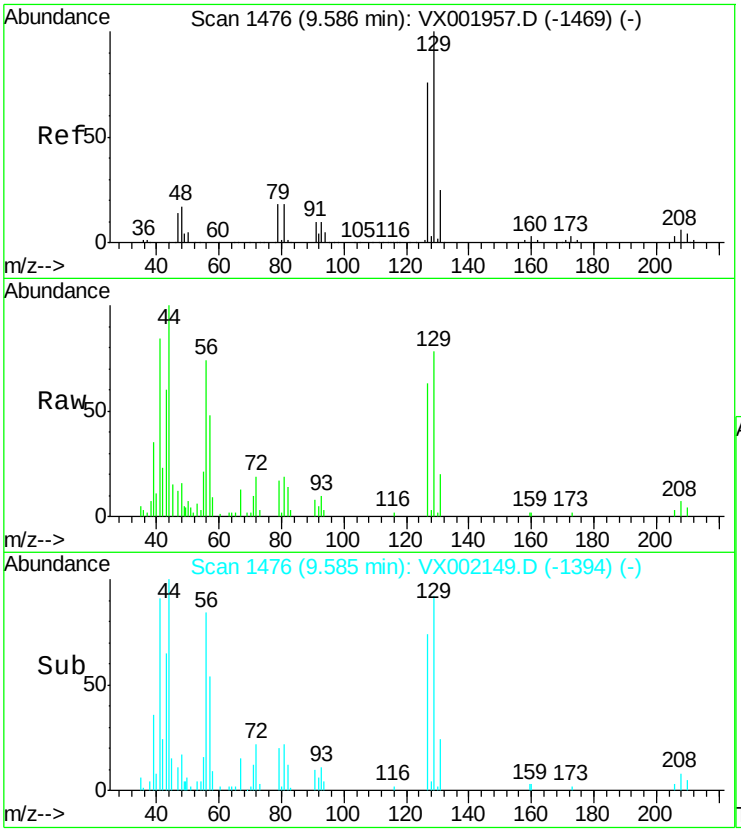


#52
1,3-Dichloropropane
Concen: 0.31 ug/l
RT: 9.07 min Scan# 1391
Delta R.T. -0.31 min
Lab File: VX002149.D
Acq: 30 May 2018 20:52

Tgt Ion: 76 Resp: 1638

Ion	Ratio	Lower	Upper
76	100		
78	0.0	0.0	63.4



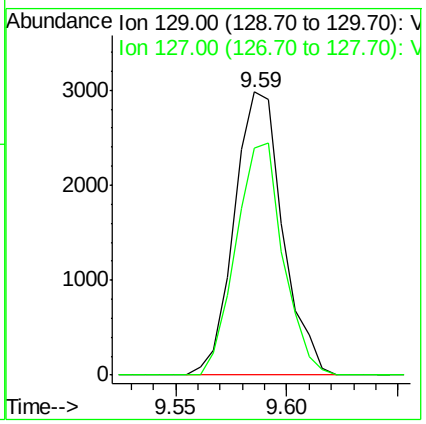


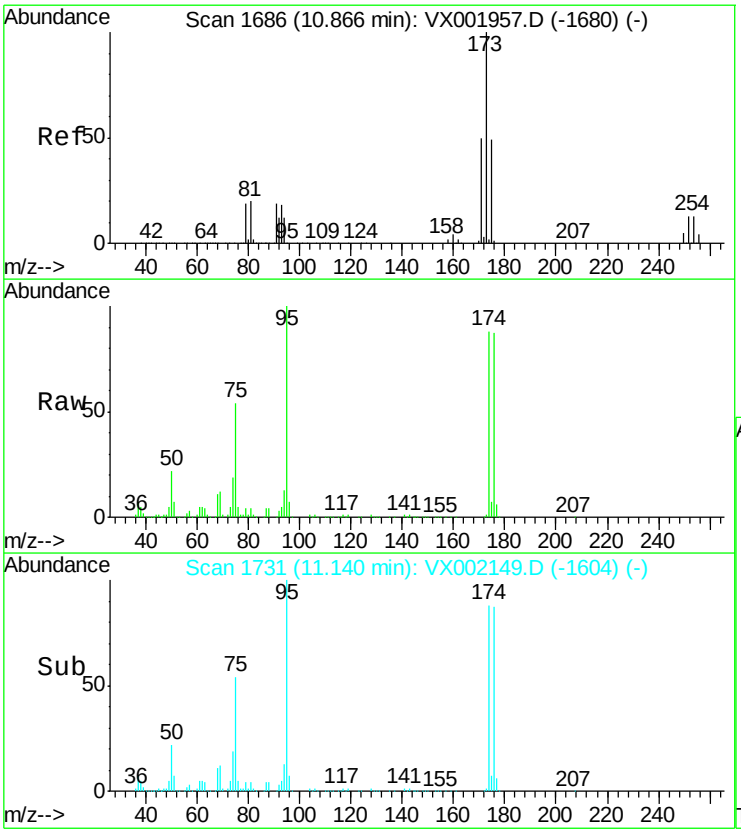
#53
Dibromochloromethane
Concen: 1.17 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002149.D
Acq: 30 May 2018 20:52

Instrument : MSVOA_X
ClientSampleId : 14B-2

Tgt Ion:129 Resp: 4534

Ion	Ratio	Lower	Upper
129	100		
127	79.8	38.5	115.3

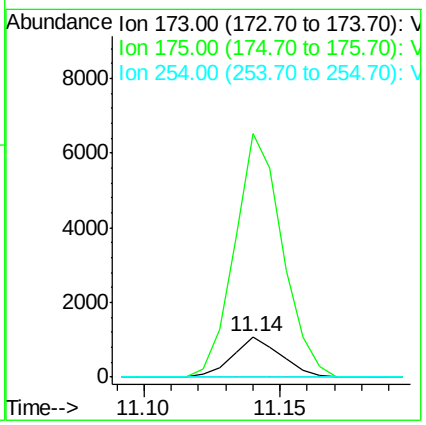


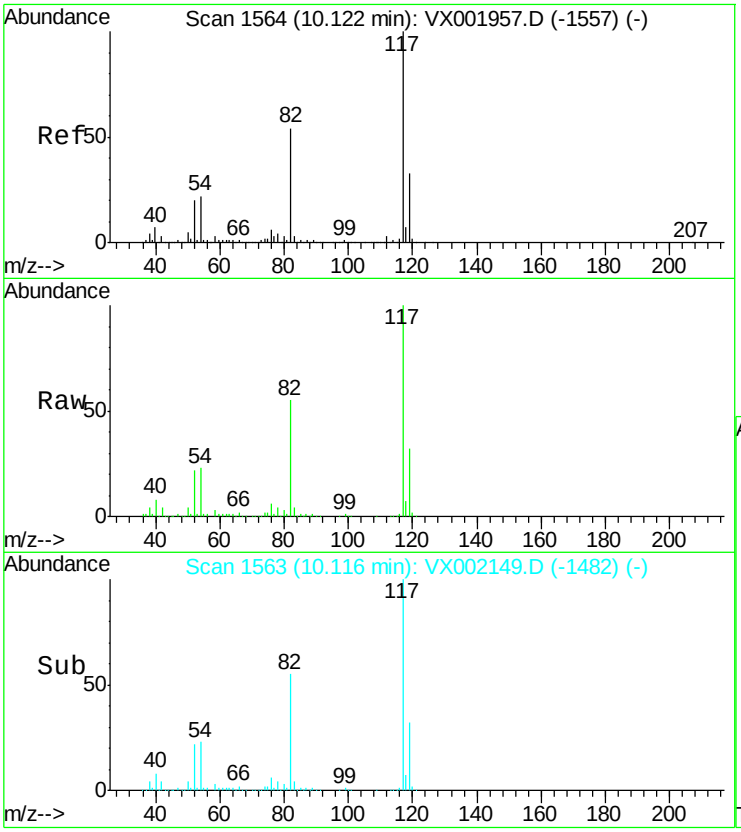


#56
Bromoform
Concen: 0.39 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.27 min
Lab File: VX002149.D
Acq: 30 May 2018 20:52

Tgt Ion:173 Resp: 1328

Ion	Ratio	Lower	Upper
173	100		
175	595.9	39.0	58.4#
254	0.0	9.6	14.4#



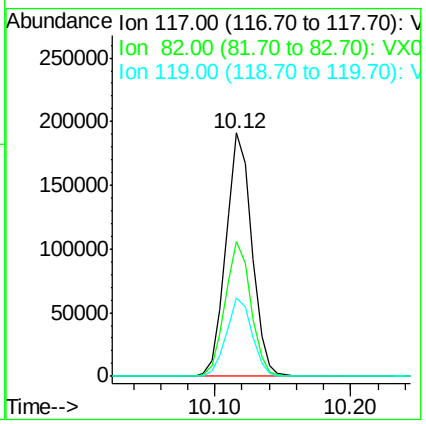


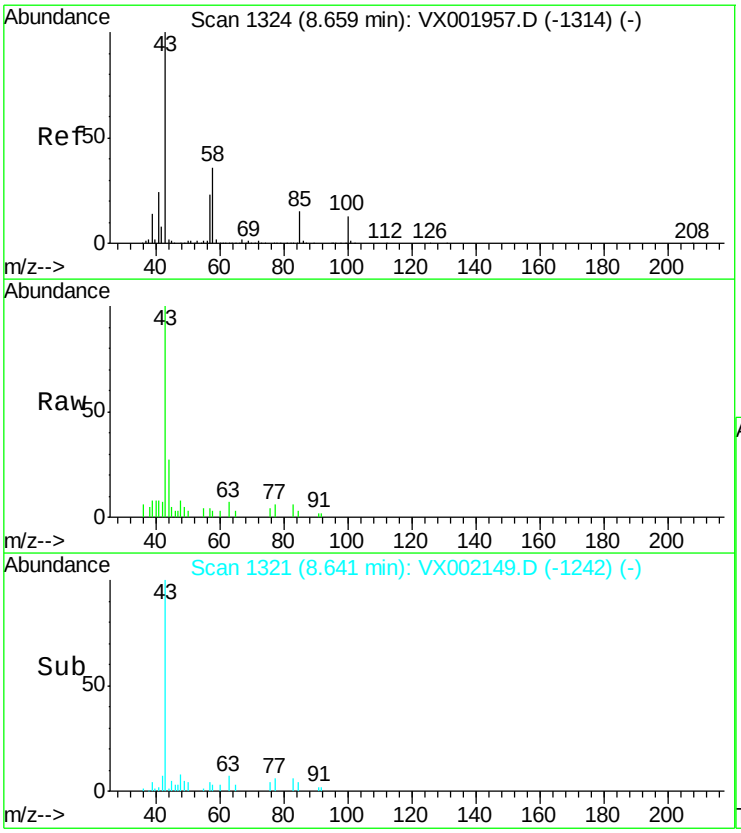
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX002149.D
Acq: 30 May 2018 20:52

Instrument :
MSVOA_X
ClientSampleId :
14B-2

Tgt Ion:117 Resp: 252765

Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.3	66.5
119	32.2	25.7	38.5

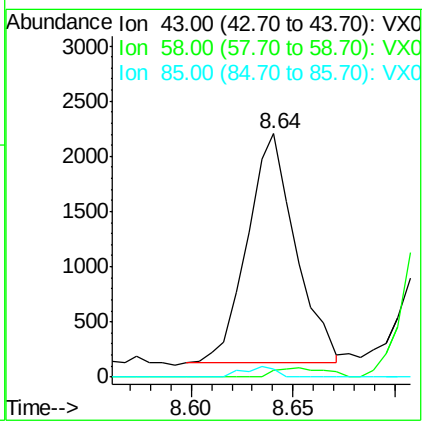


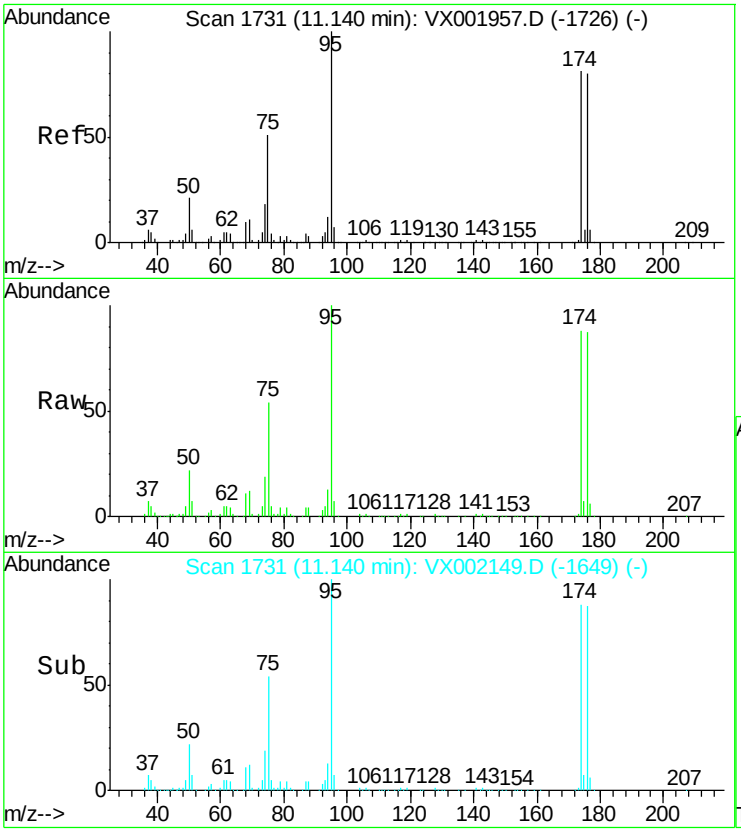


#58
4-Methyl-2-Pentanone
Concen: 0.61 ug/l
RT: 8.64 min Scan# 1321
Delta R.T. -0.02 min
Lab File: VX002149.D
Acq: 30 May 2018 20:52

Tgt Ion: 43 Resp: 3378

Ion	Ratio	Lower	Upper
43	100		
58	3.6	28.2	42.4#
85	3.1	12.4	18.6#



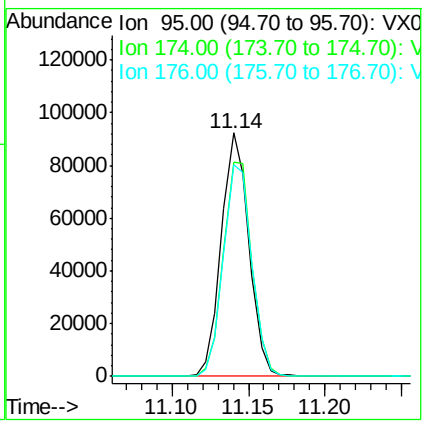


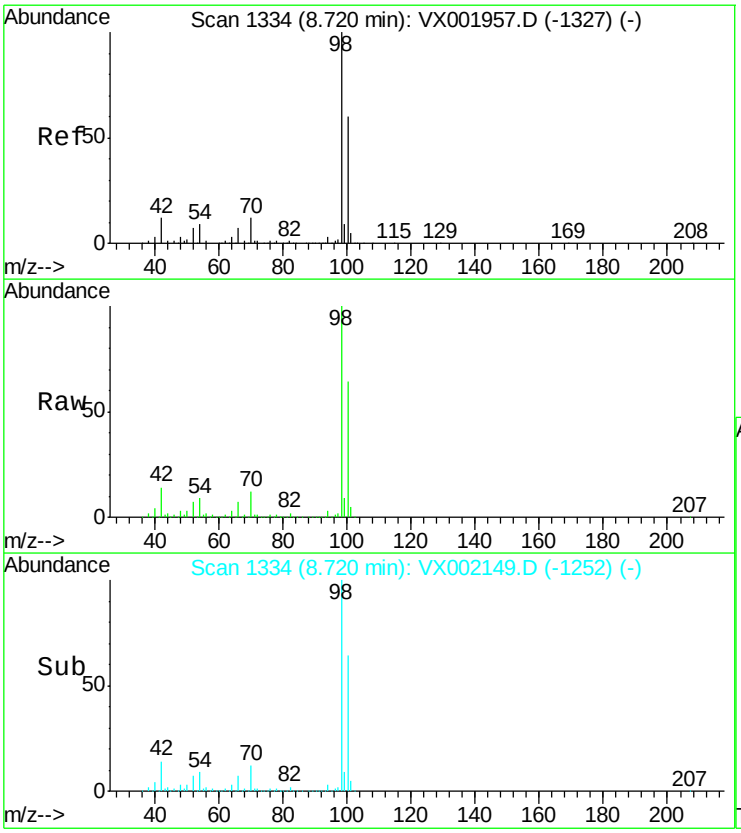
#60
4-Bromofluorobenzene
Concen: 26.69 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002149.D
Acq: 30 May 2018 20:52

Instrument :
MSVOA_X
ClientSampleId :
14B-2

Tgt Ion: 95 Resp: 115506

Ion	Ratio	Lower	Upper
95	100		
174	91.6	71.8	107.6
176	89.7	70.1	105.1

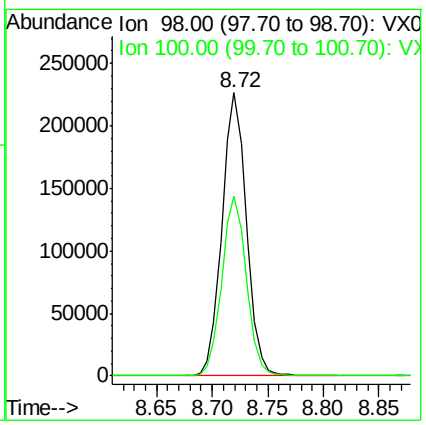


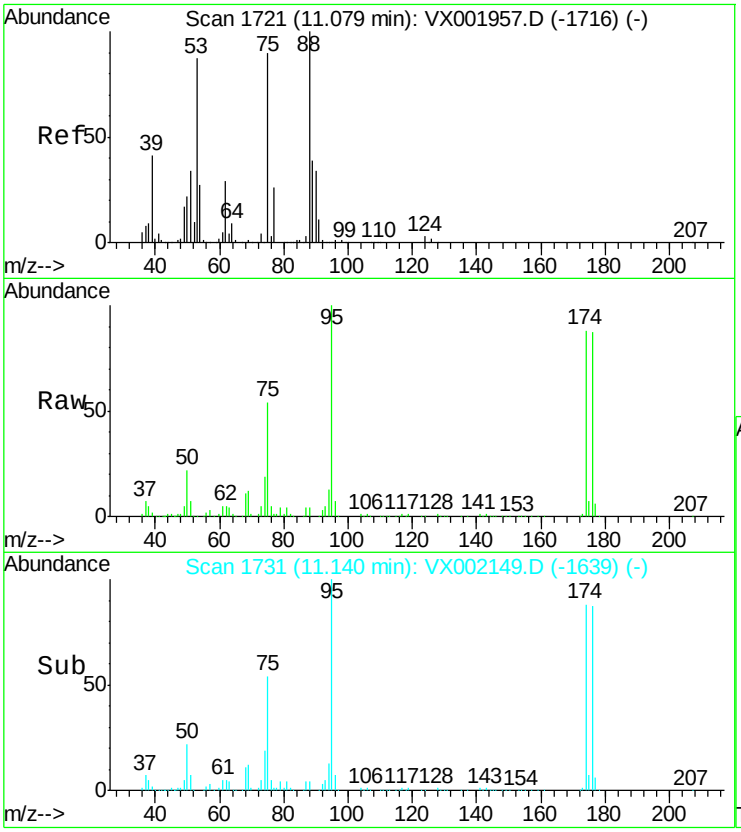


#63
Toluene-d8
Concen: 30.58 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002149.D
Acq: 30 May 2018 20:52

Tgt Ion: 98 Resp: 344483

Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.8	76.2





#77
t-1,4-Dichloro-2-butene
Concen: 39.24 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002149.D
Acq: 30 May 2018 20:52

Instrument :
MSVOA_X
ClientSampleId :
14B-2

Tgt Ion: 75 Resp: 61971

Ion	Ratio	Lower	Upper
75	100		
53	0.1	48.3	144.9#
89	0.0	21.8	65.4#