Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032919\
Data File : VX008537.D
Acq On : 29 Mar 2019 11:19
Operator : JC/SP
Sample : VX0329WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0329WBL01

Quant Time: Mar 29 11:39:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Mar 27 12:01:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	37790	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	217440	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	184660	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.06	65	94298	29.83	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 99.43%			
60) 4-Bromofluorobenzene	11.13	95	91165	28.34	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 94.47%			
63) Toluene-d8	8.71	98	267092	30.47	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 101.57%			
Target Compounds						Qvalue
13) Acrolein	2.29	56	218	0.392	ug/l #	1
14) Acrylonitrile	3.14	53	653	0.364	ug/l	95
15) Acetone	2.45	58	326	0.590	ug/l #	24
16) Carbon Disulfide	2.57	76	1874	0.252	ug/l #	90
18) Methylene Chloride	2.86	84	689	0.241	ug/l #	81
23) tert-Butyl Alcohol	3.04	59	328	0.453	ug/l #	94
45) 1,4-Dioxane	7.69	88	39	0.500	ug/l #	1
55) 2-Chloroethyl vinyl ether	8.31	63	661	0.258	ug/l #	78

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

Quantitation Report (Not Reviewed)

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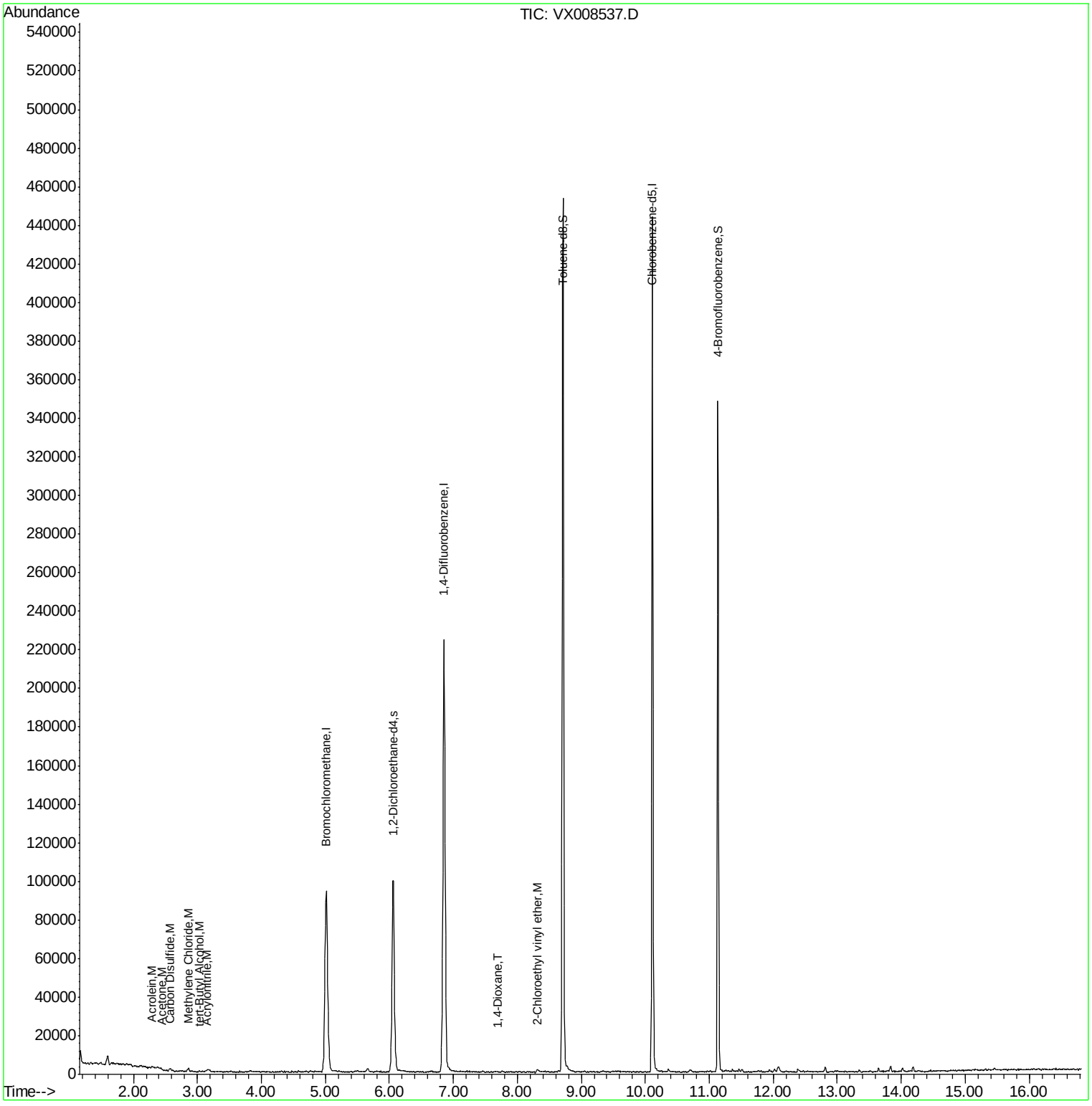
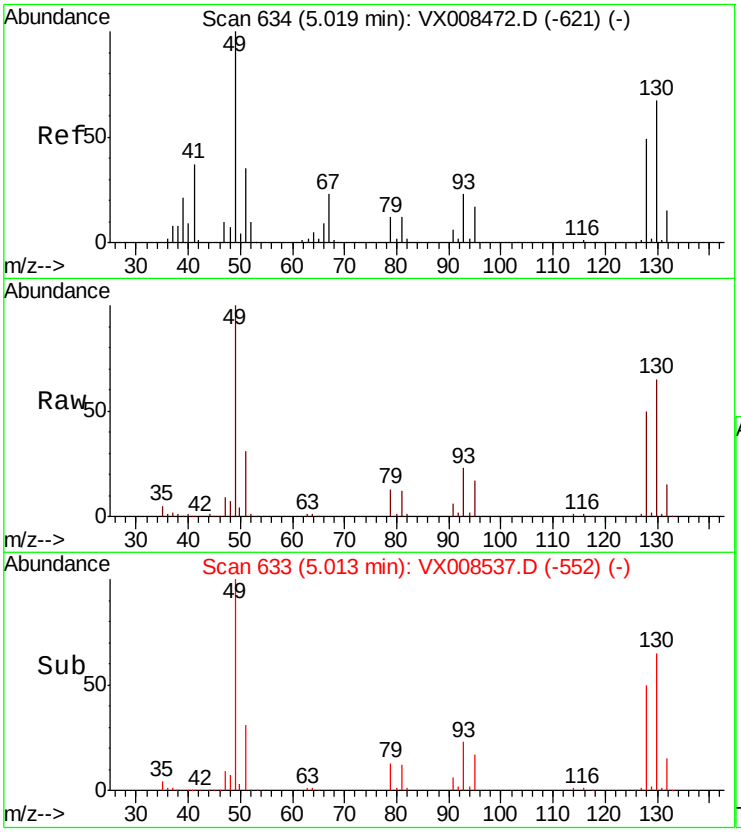
Acq On : 29 Mar 2019 11:19
Operator : JC/SP
Sample : VX0329WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

Quant Time: Mar 29 11:39:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Mar 27 12:01:15 2019
Response via : Initial Calibration



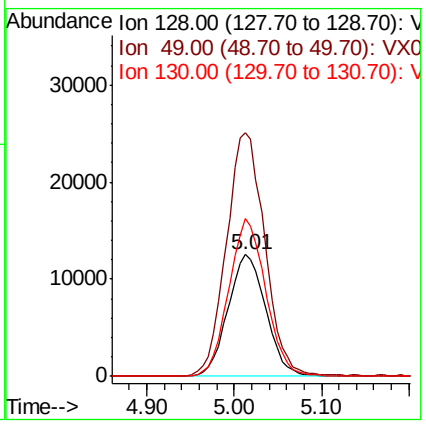


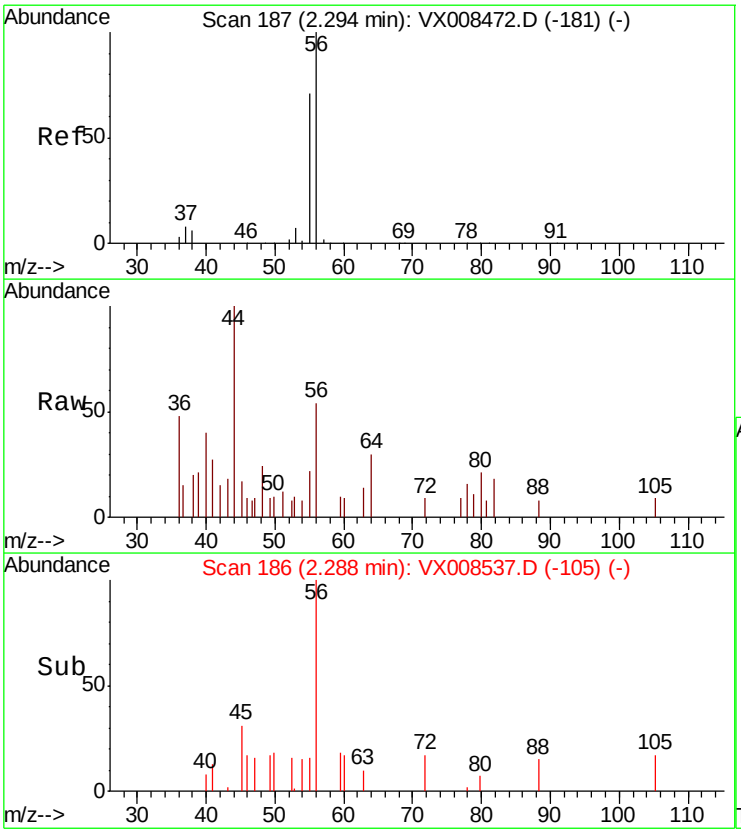
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008537.D
Acq: 29 Mar 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

Tgt Ion:128 Resp: 37790

Ion	Ratio	Lower	Upper
128	100		
49	203.0	0.0	350.8
130	126.3	0.0	325.8

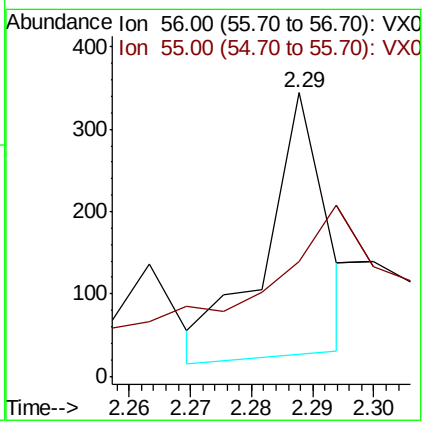


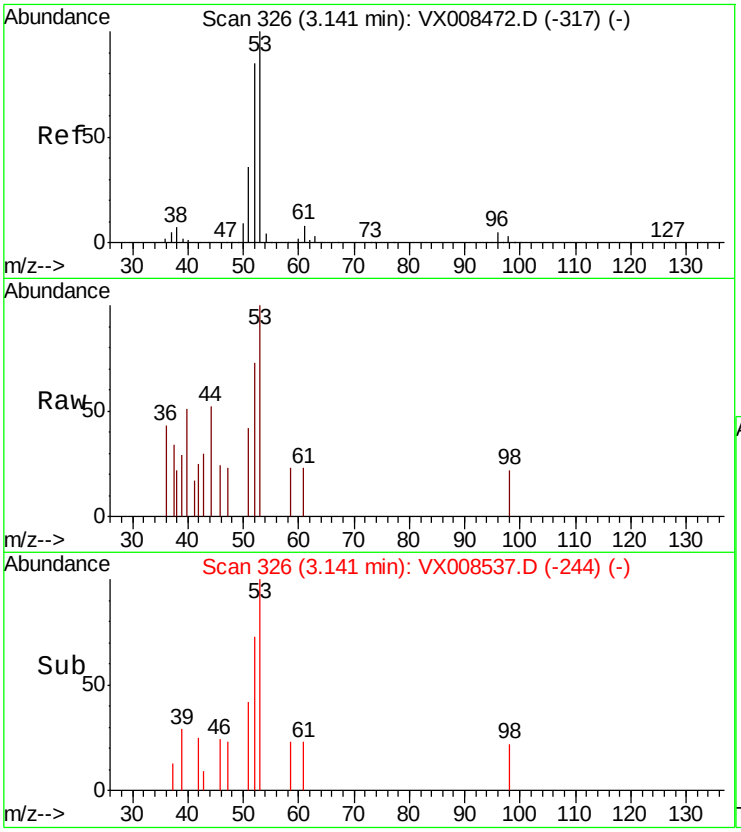


#13
Acrolein
Concen: 0.392 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX008537.D
Acq: 29 Mar 2019 11:19

Tgt Ion: 56 Resp: 218

Ion	Ratio	Lower	Upper
56	100		
55	167.4	58.6	87.8#



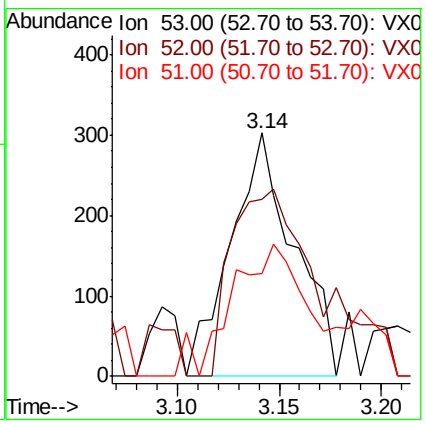


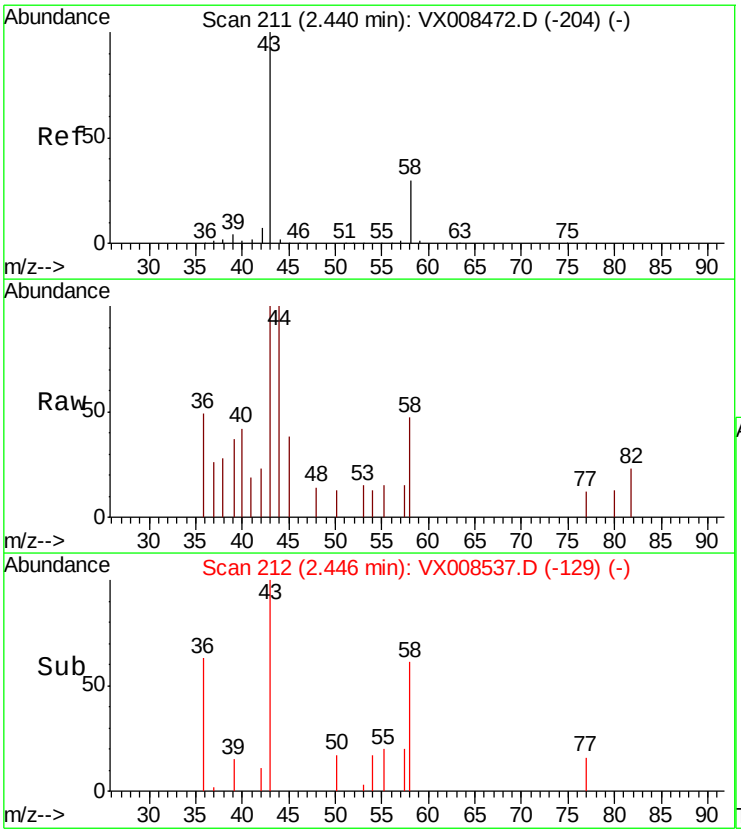
#14
Acrylonitrile
Concen: 0.364 ug/l
RT: 3.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX008537.D
Acq: 29 Mar 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

Tgt Ion: 53 Resp: 653

Ion	Ratio	Lower	Upper
53	100		
52	87.6	41.3	124.1
51	38.1	17.5	52.6

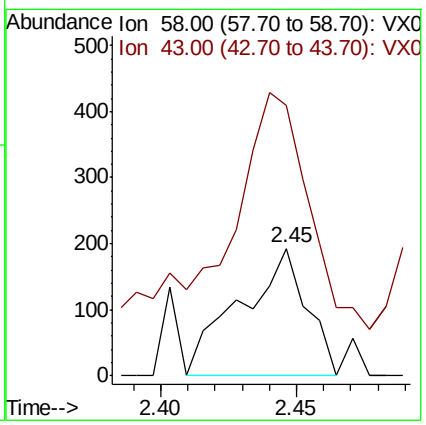


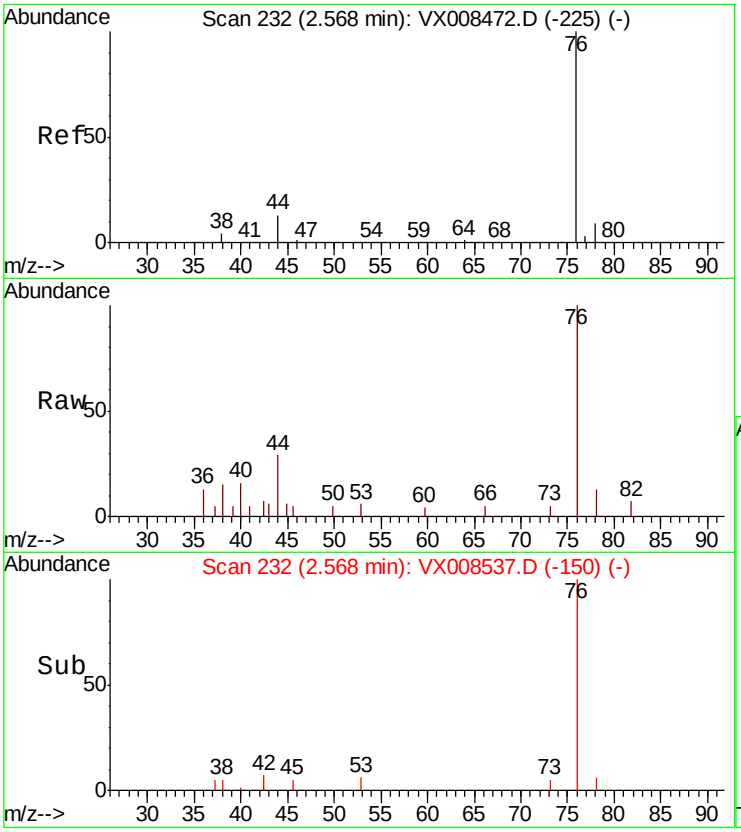


#15
Acetone
Concen: 0.590 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX008537.D
Acq: 29 Mar 2019 11:19

Tgt Ion: 58 Resp: 326

Ion	Ratio	Lower	Upper
58	100		
43	159.1	249.8	374.6#



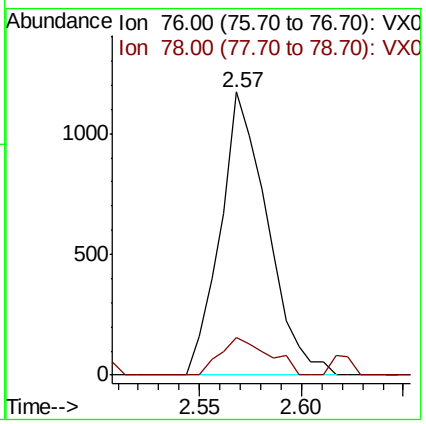


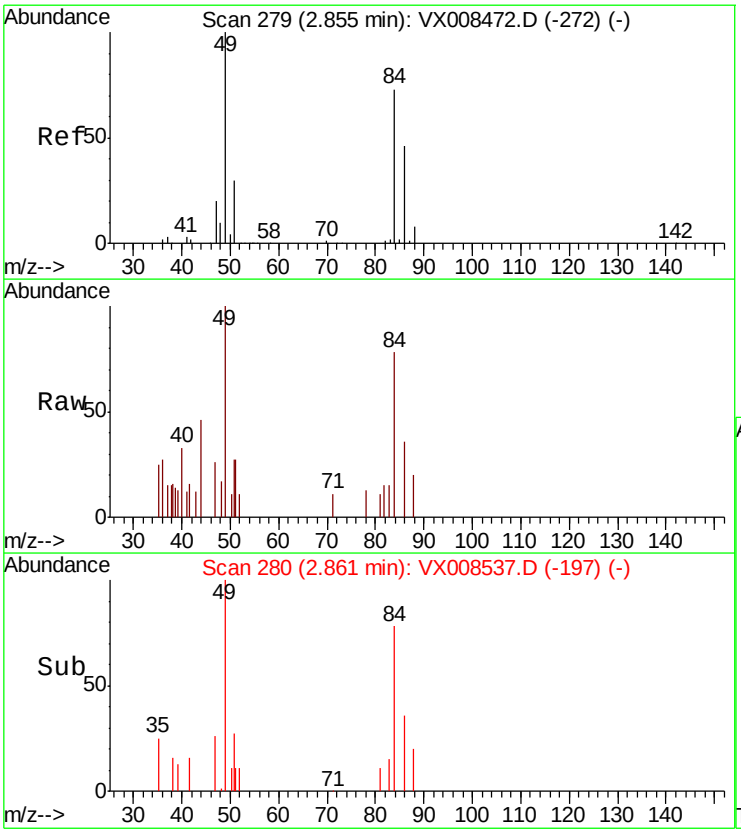
#16
Carbon Disulfide
Concen: 0.252 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX008537.D
Acq: 29 Mar 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

Tgt Ion: 76 Resp: 1874

Ion	Ratio	Lower	Upper
76	100		
78	13.2	7.5	11.3#

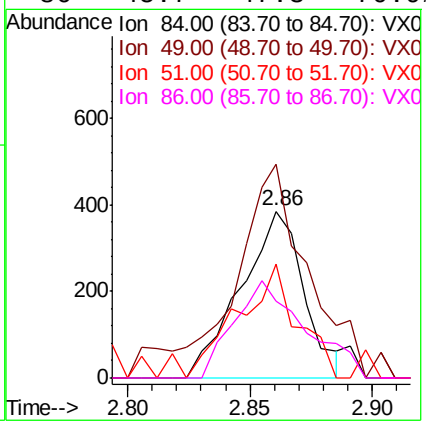


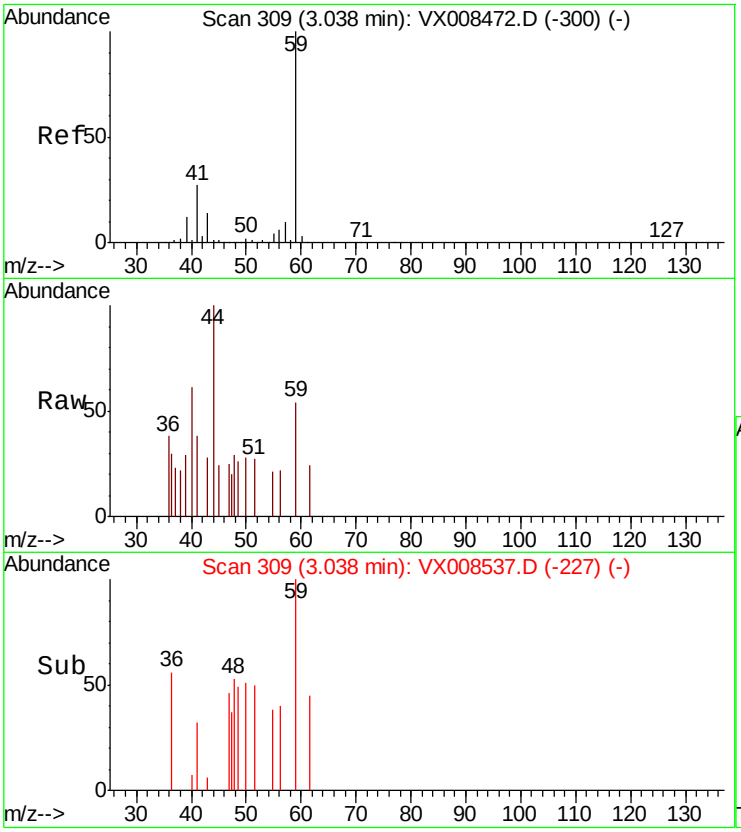


#18
Methylene Chloride
Concen: 0.241 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX008537.D
Acq: 29 Mar 2019 11:19

Tgt Ion: 84 Resp: 689

Ion	Ratio	Lower	Upper
84	100		
49	110.1	96.1	144.1
51	68.6	29.1	43.7#
86	45.7	47.3	70.9#



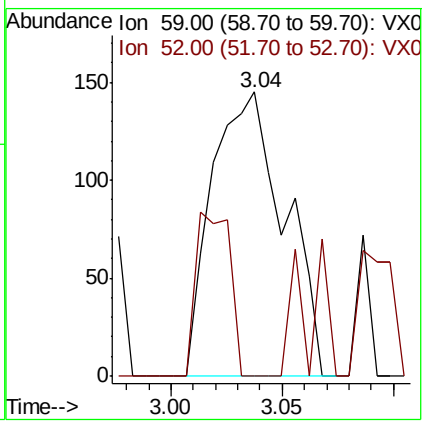


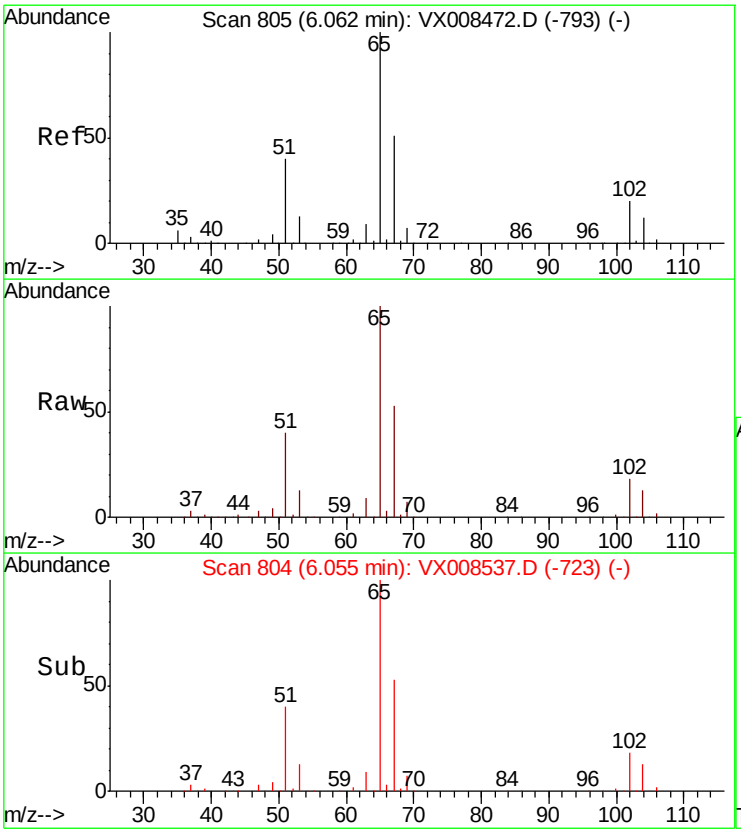
#23
tert-Butyl Alcohol
Concen: 0.453 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.00 min
Lab File: VX008537.D
Acq: 29 Mar 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

Tgt Ion: 59 Resp: 328

Ion	Ratio	Lower	Upper
59	100		
52	7.3	0.2	0.2#

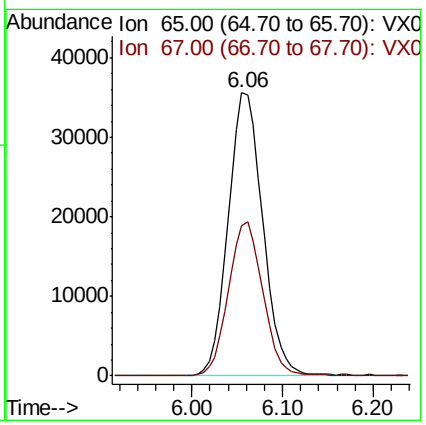


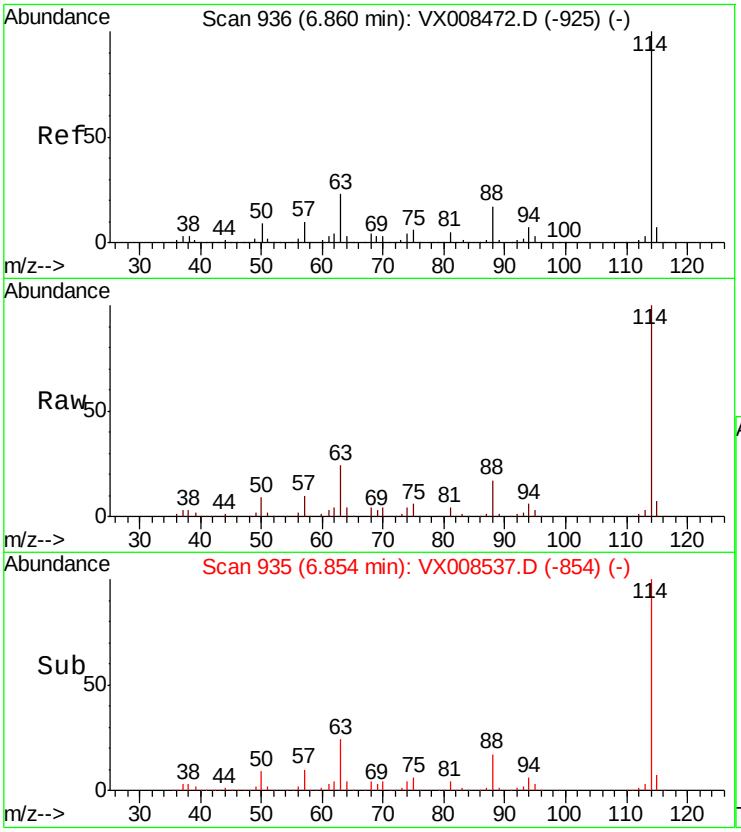


#27
1,2-Dichloroethane-d4
Concen: 29.829 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX008537.D
Acq: 29 Mar 2019 11:19

Tgt Ion: 65 Resp: 94298

Ion	Ratio	Lower	Upper
65	100		
67	53.9	42.9	64.3



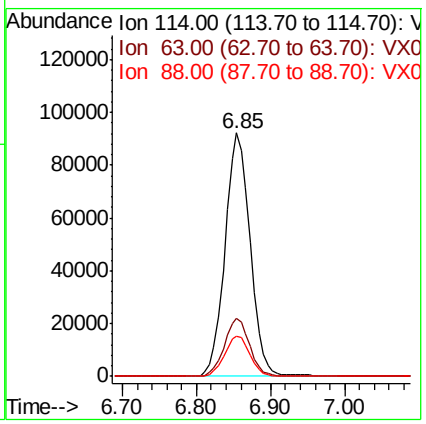


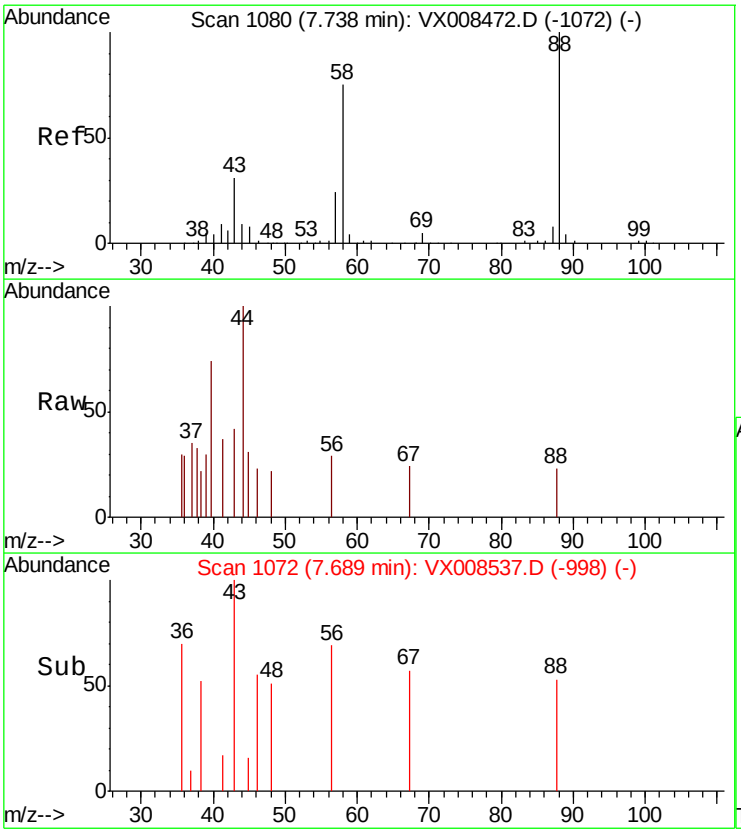
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX008537.D
Acq: 29 Mar 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

Tgt Ion:114 Resp: 217440

Ion	Ratio	Lower	Upper
114	100		
63	23.8	14.2	21.4#
88	16.7	11.9	17.9

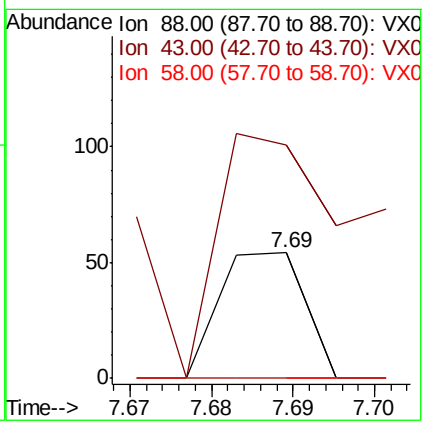


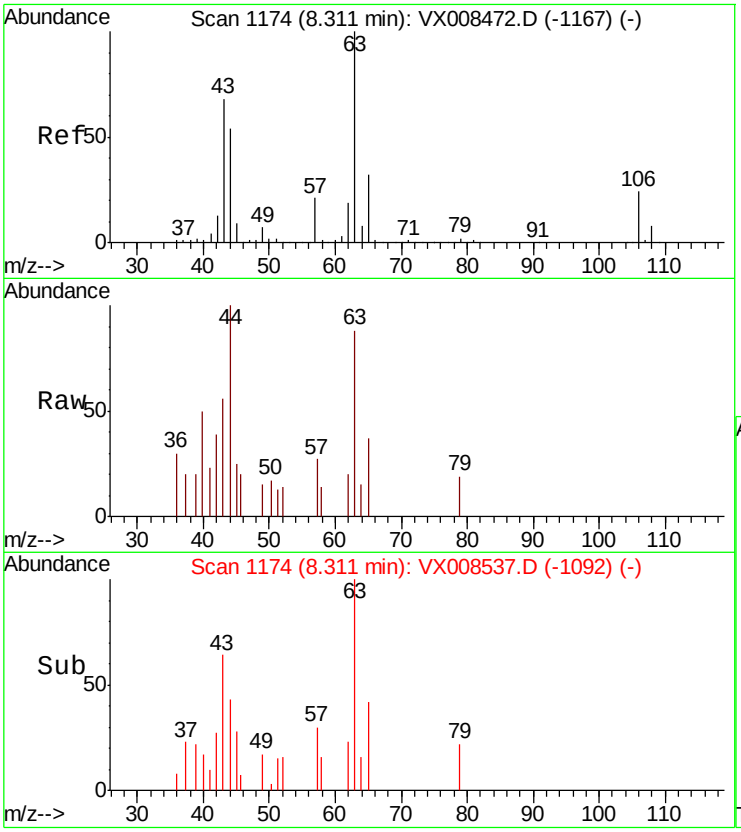


#45
1,4-Dioxane
Concen: 0.500 ug/l
RT: 7.69 min Scan# 1072
Delta R.T. -0.05 min
Lab File: VX008537.D
Acq: 29 Mar 2019 11:19

Tgt Ion: 88 Resp: 39

Ion	Ratio	Lower	Upper
88	100		
43	256.4	23.6	35.4#
58	0.0	51.6	77.4#



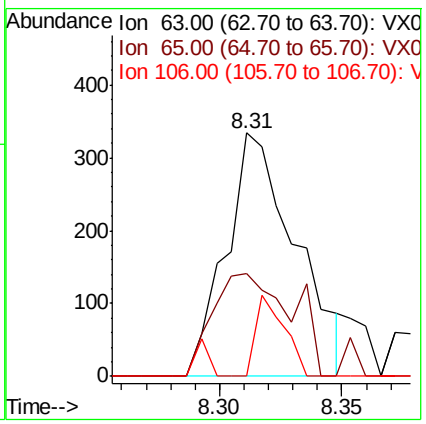


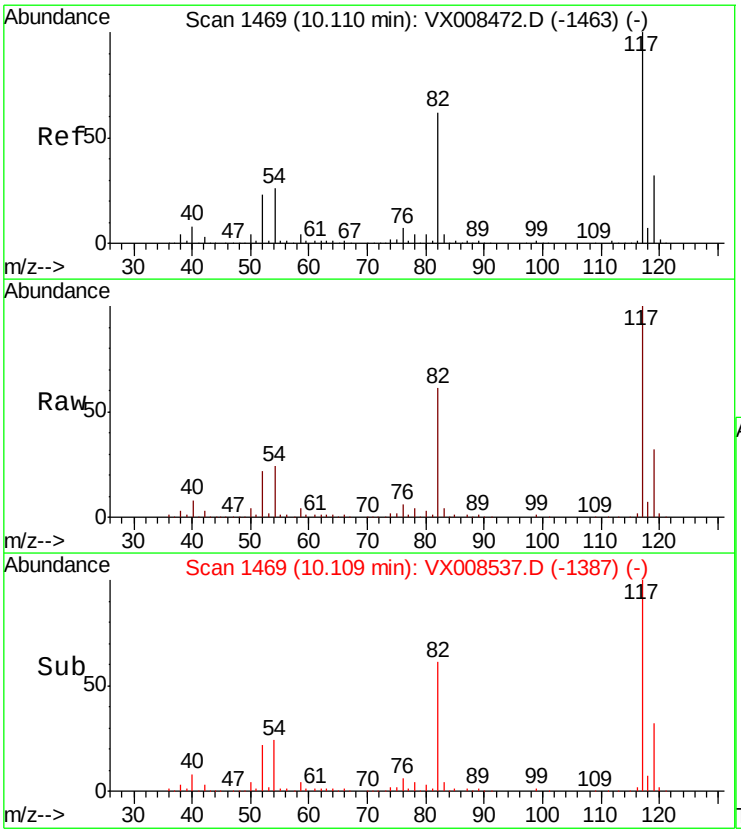
#55
2-Chloroethyl vinyl ether
Concen: 0.258 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX008537.D
Acq: 29 Mar 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

Tgt Ion: 63 Resp: 661

Ion	Ratio	Lower	Upper
63	100		
65	40.8	25.7	38.5#
106	13.8	23.7	35.5#

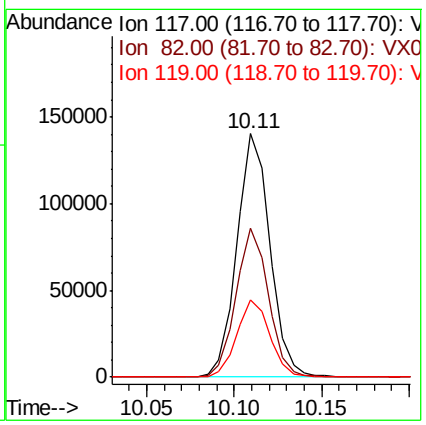


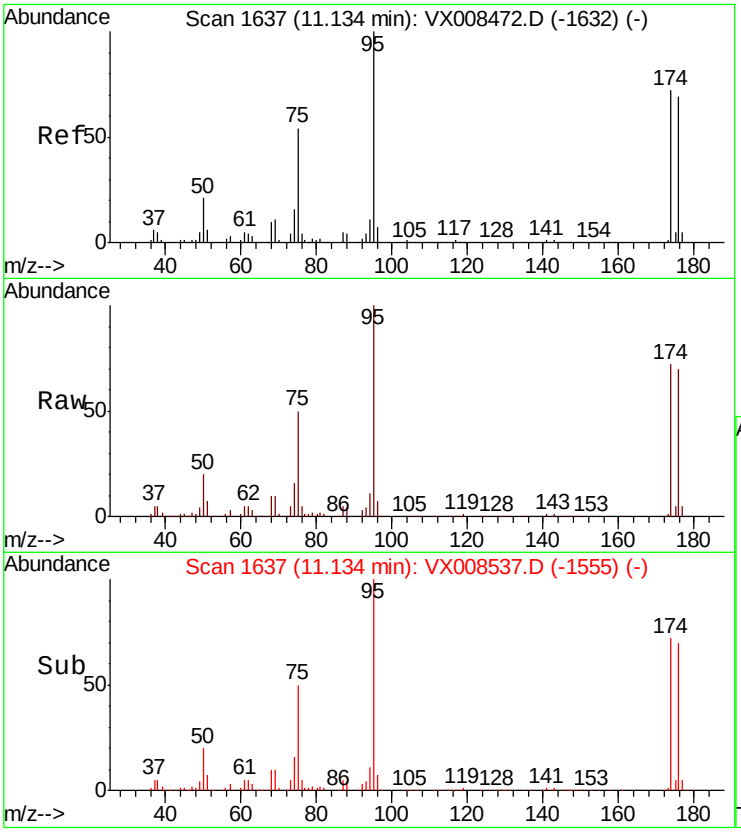


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008537.D
Acq: 29 Mar 2019 11:19

Tgt Ion:117 Resp: 184660

Ion	Ratio	Lower	Upper
117	100		
82	60.4	40.4	60.6
119	31.9	25.8	38.6



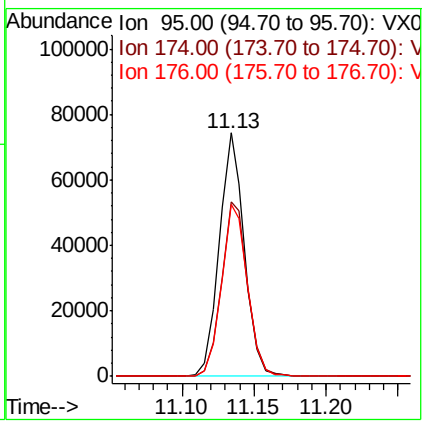


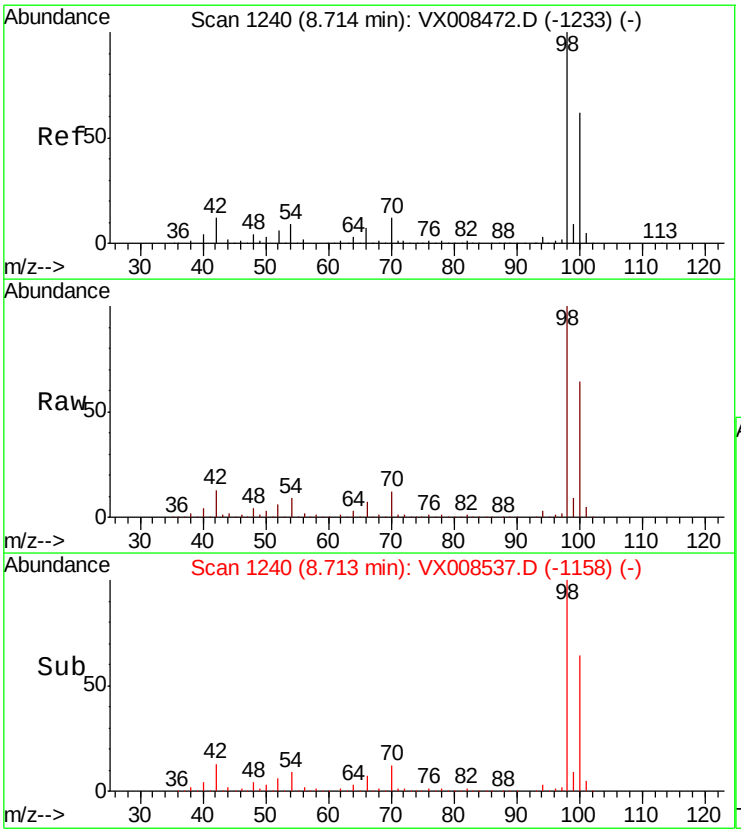
#60
4-Bromofluorobenzene
Concen: 28.335 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008537.D
Acq: 29 Mar 2019 11:19

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

Tgt Ion: 95 Resp: 91165

Ion	Ratio	Lower	Upper
95	100		
174	74.5	74.9	112.3#
176	73.0	70.7	106.1





#63
Toluene-d8
Concen: 30.471 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008537.D
Acq: 29 Mar 2019 11:19

Tgt Ion: 98 Resp: 267092

Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.9	76.3