Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040519\
Data File : VX008674.D
Acq On : 05 Apr 2019 10:51
Operator : JC/SP
Sample : VX0405WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0405WBL01

Quant Time: Apr 05 11:10:30 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	29960	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	177398	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	151379	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.06	65	75637	30.18	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 100.60%			
60) 4-Bromofluorobenzene	11.13	95	72585	27.52	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 91.73%			
63) Toluene-d8	8.71	98	217264	30.24	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 100.80%			
Target Compounds						Qvalue
5) Bromomethane	1.66	94	437	0.312	ug/l	99
6) Chloroethane	1.78	64	451	0.255	ug/l	93
13) Acrolein	2.29	56	227	0.515	ug/l	96
14) Acrylonitrile	3.15	53	339	0.238	ug/l #	60
18) Methylene Chloride	2.86	84	593	0.261	ug/l #	69
45) 1,4-Dioxane	7.74	88	39	0.613	ug/l #	25
51) Ethyl methacrylate	8.72	69	871	0.210	ug/l	91
56) Bromoform	11.14	173	365	0.229	ug/l #	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040519\
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Sample : VX0405WBL01
Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
VX0405WBL01

Quant Time: Apr 05 11:10:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
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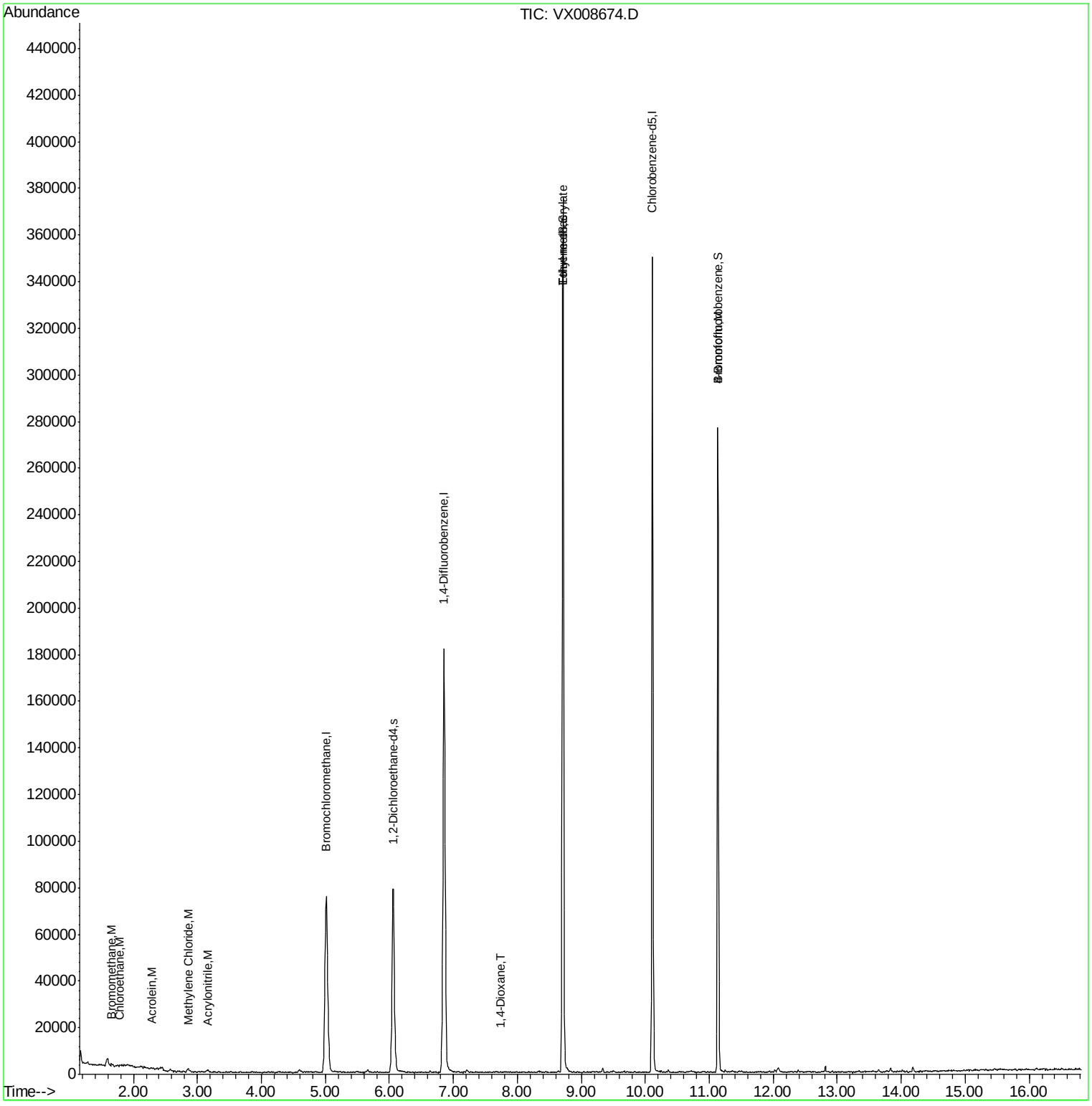
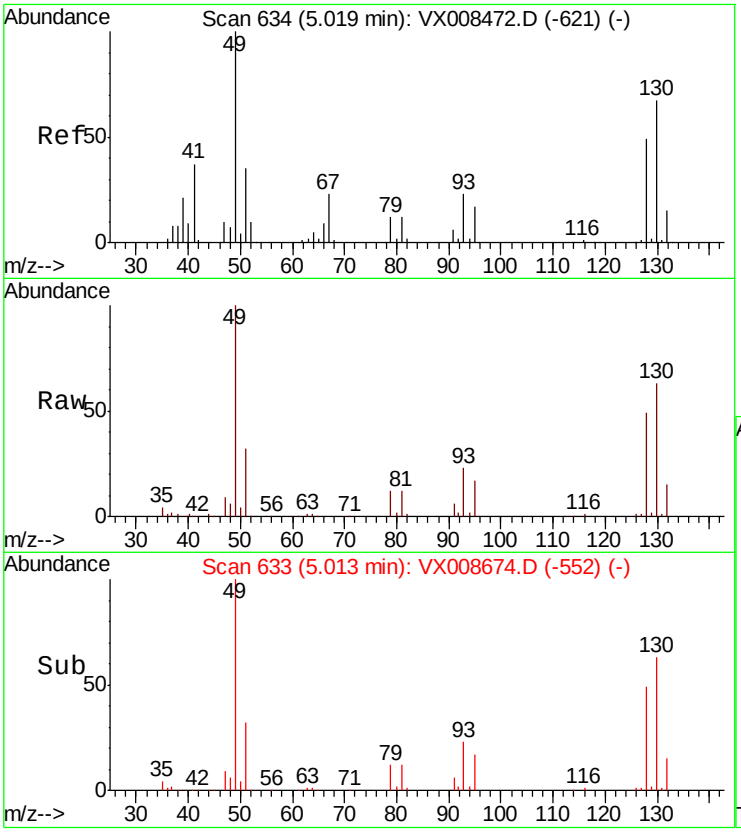


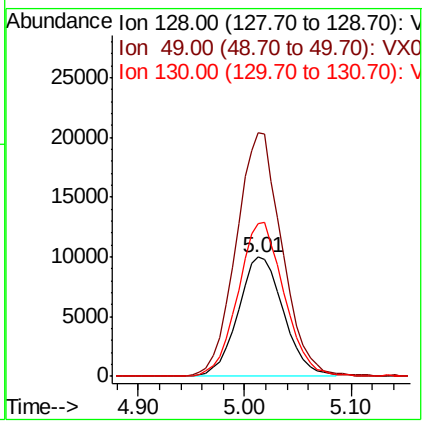


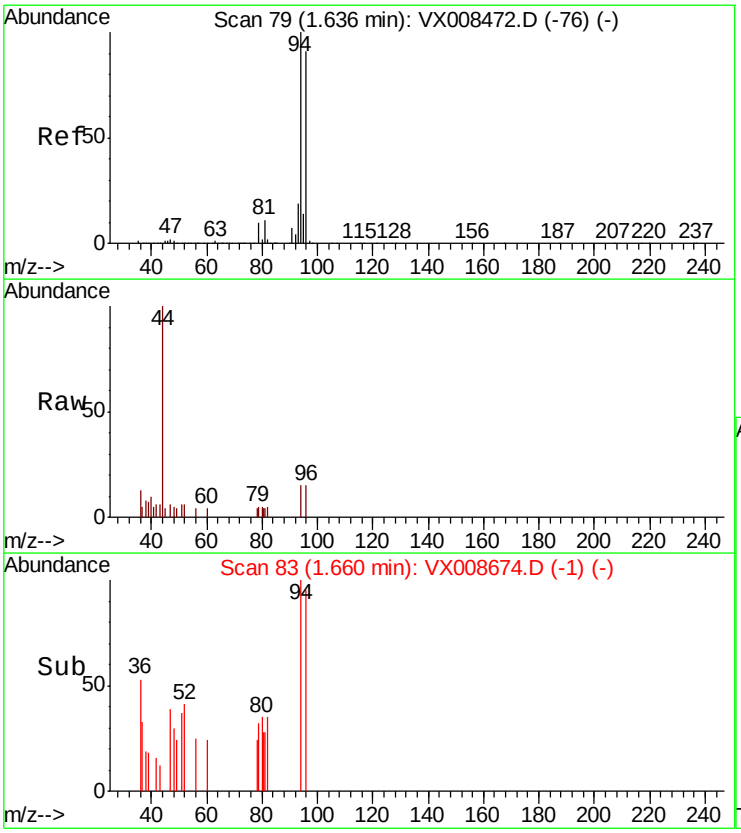
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008674.D
Acq: 05 Apr 2019 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBL01

Tgt Ion:128 Resp: 29960

Ion	Ratio	Lower	Upper
128	100		
49	206.3	0.0	350.8
130	130.7	0.0	325.8

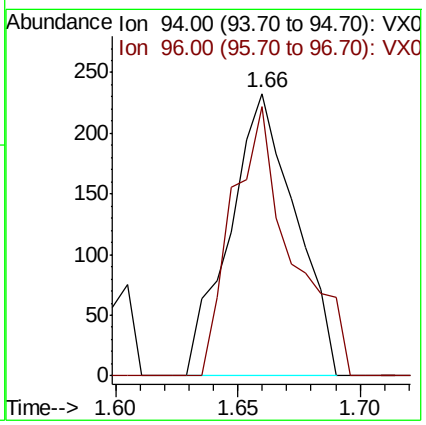


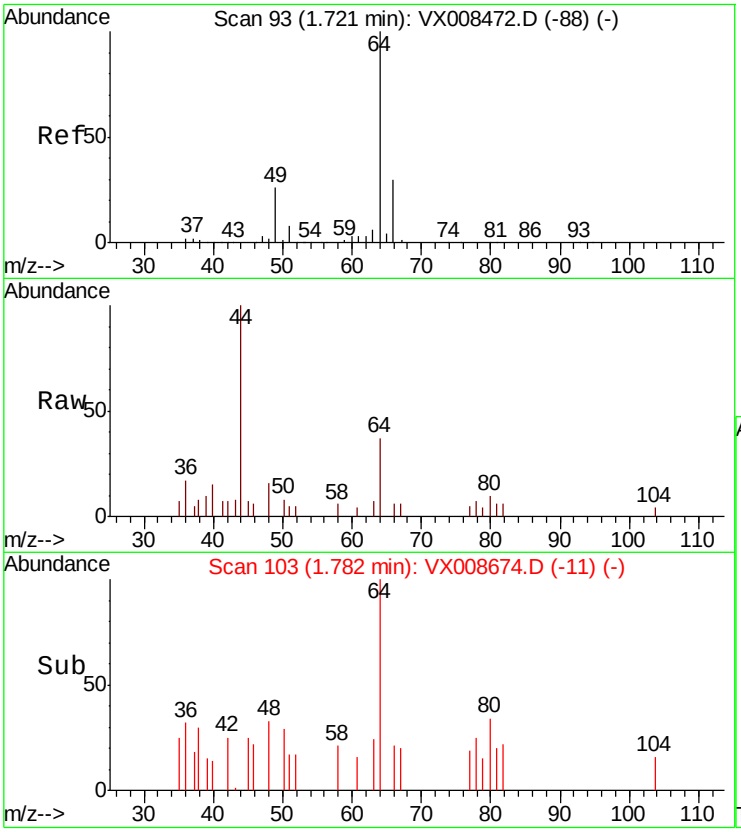


#5
Bromomethane
Concen: 0.312 ug/l
RT: 1.66 min Scan# 83
Delta R.T. 0.02 min
Lab File: VX008674.D
Acq: 05 Apr 2019 10:51

Tgt Ion: 94 Resp: 437

Ion	Ratio	Lower	Upper
94	100		
96	95.3	75.6	113.4



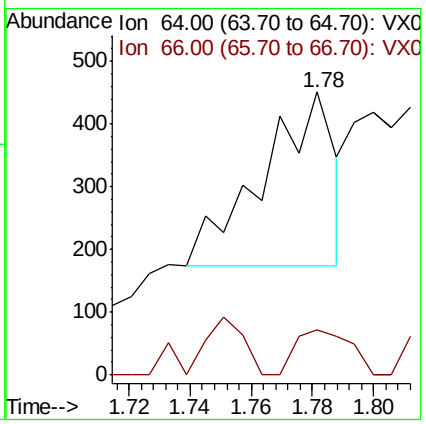


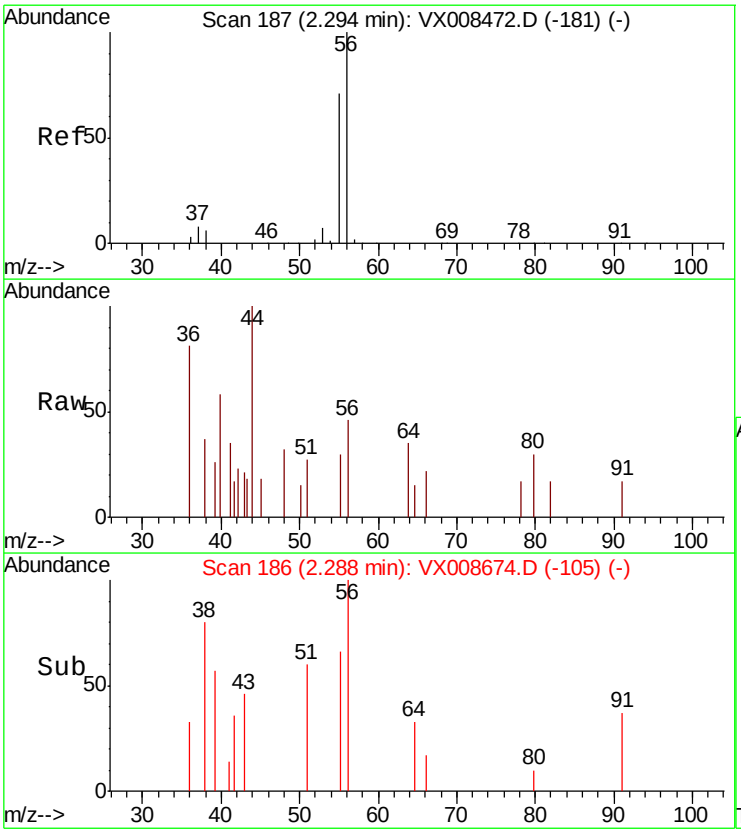
#6
Chloroethane
Concen: 0.255 ug/l
RT: 1.78 min Scan# 103
Delta R.T. 0.06 min
Lab File: VX008674.D
Acq: 05 Apr 2019 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBL01

Tgt Ion: 64 Resp: 451

Ion	Ratio	Lower	Upper
64	100		
66	26.0	23.9	35.9

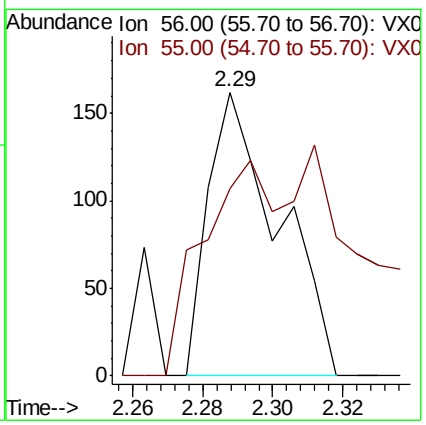


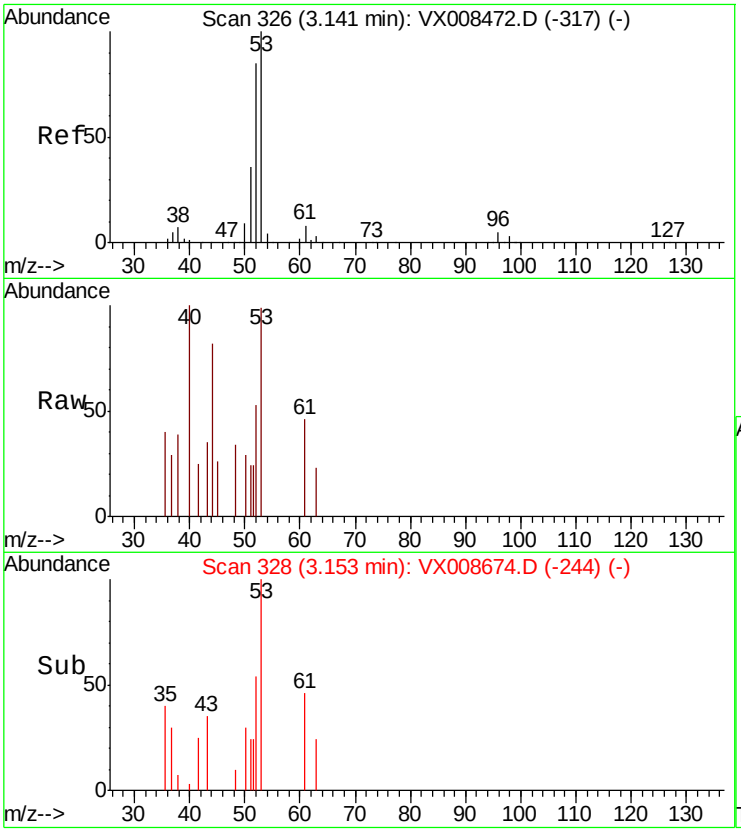


#13
Acrolein
Concen: 0.515 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX008674.D
Acq: 05 Apr 2019 10:51

Tgt Ion: 56 Resp: 227

Ion	Ratio	Lower	Upper
56	100		
55	76.2	58.6	87.8



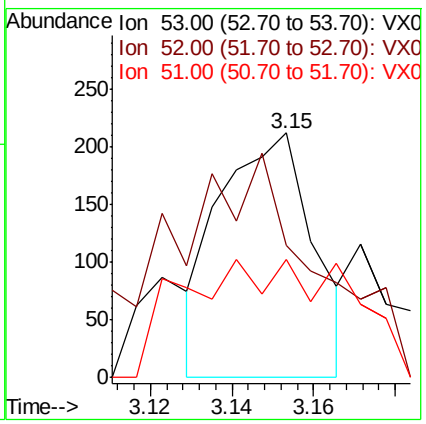


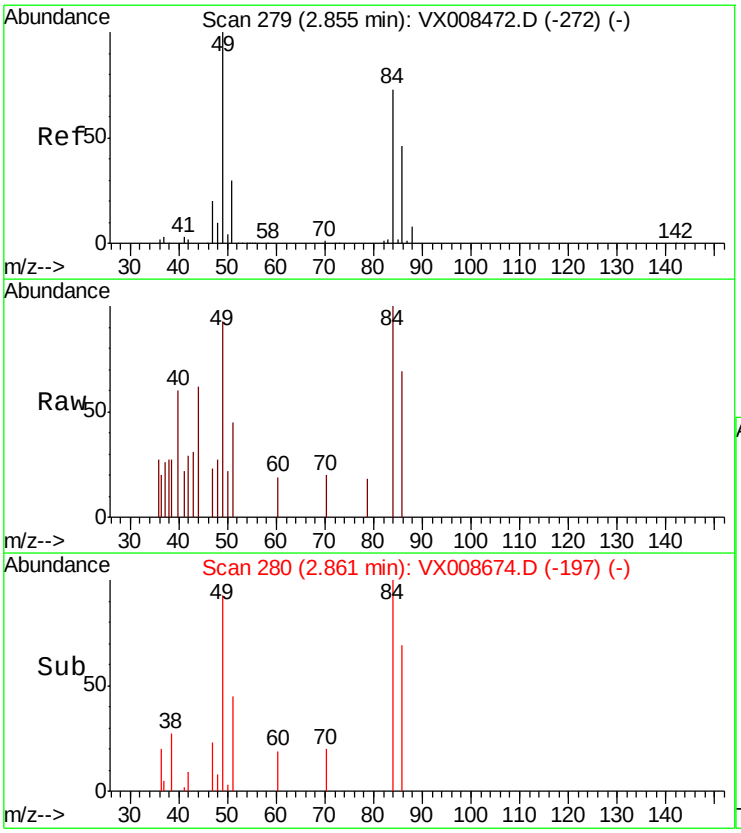
#14
Acrylonitrile
Concen: 0.238 ug/l
RT: 3.15 min Scan# 328
Delta R.T. 0.01 min
Lab File: VX008674.D
Acq: 05 Apr 2019 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBL01

Tgt Ion: 53 Resp: 339

Ion	Ratio	Lower	Upper
53	100		
52	133.3	41.3	124.1#
51	36.9	17.5	52.6

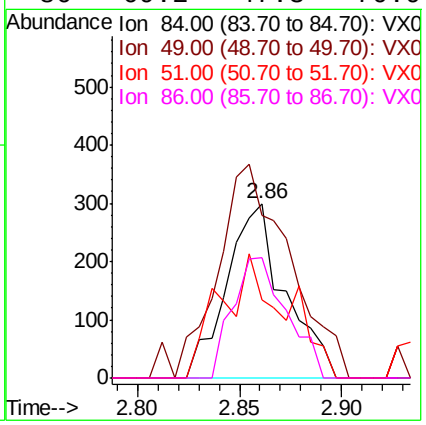


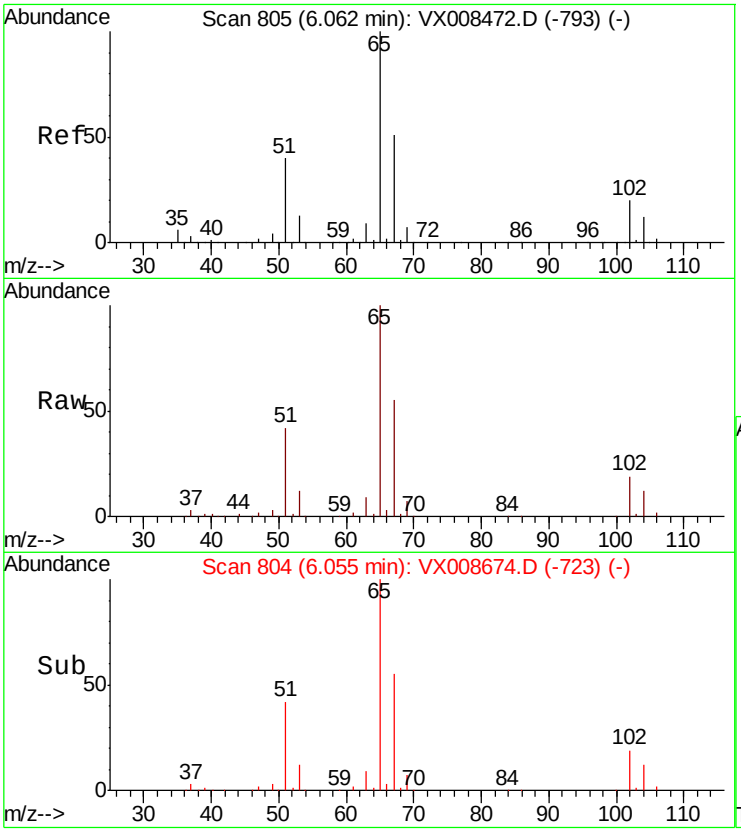


#18
Methylene Chloride
Concen: 0.261 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX008674.D
Acq: 05 Apr 2019 10:51

Tgt Ion: 84 Resp: 593

Ion	Ratio	Lower	Upper
84	100		
49	69.6	96.1	144.1#
51	44.8	29.1	43.7#
86	69.2	47.3	70.9



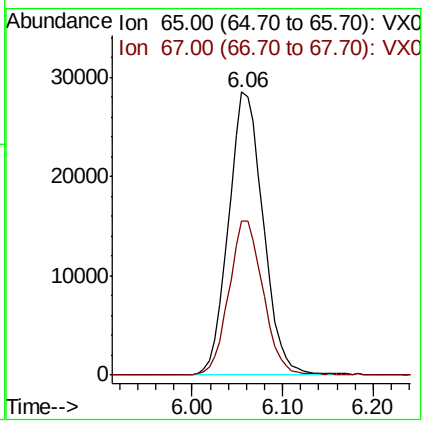


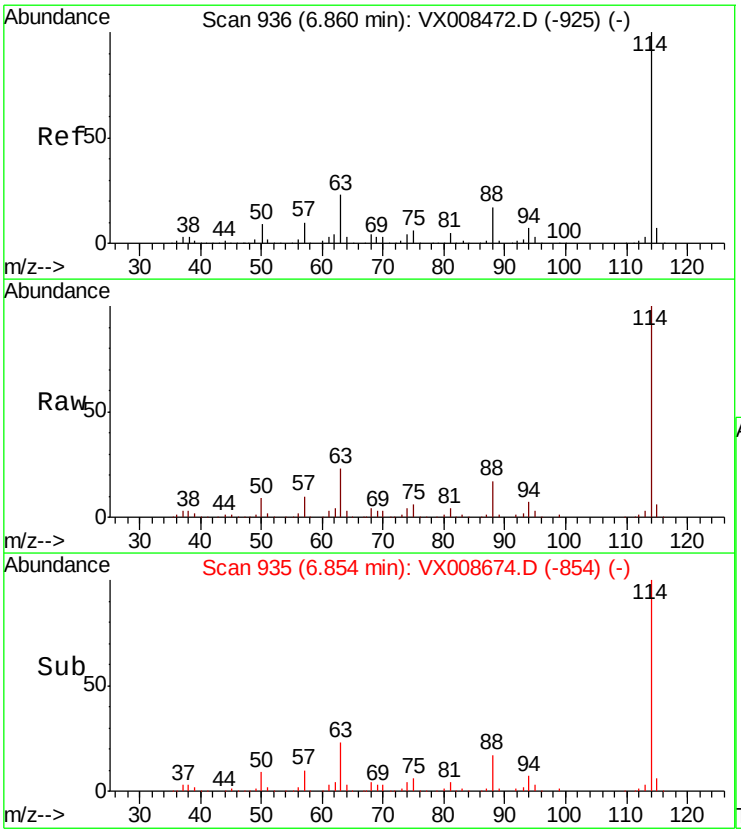
#27
1,2-Dichloroethane-d4
Concen: 30.179 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX008674.D
Acq: 05 Apr 2019 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBL01

Tgt Ion: 65 Resp: 75637

Ion	Ratio	Lower	Upper
65	100		
67	53.8	42.9	64.3

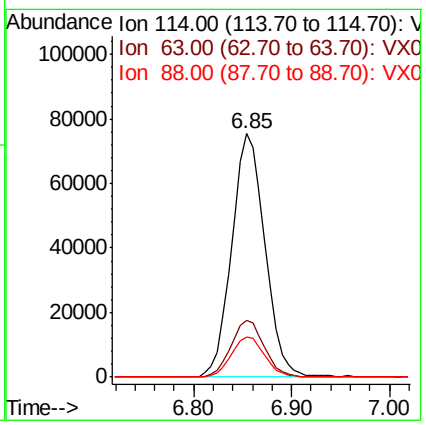


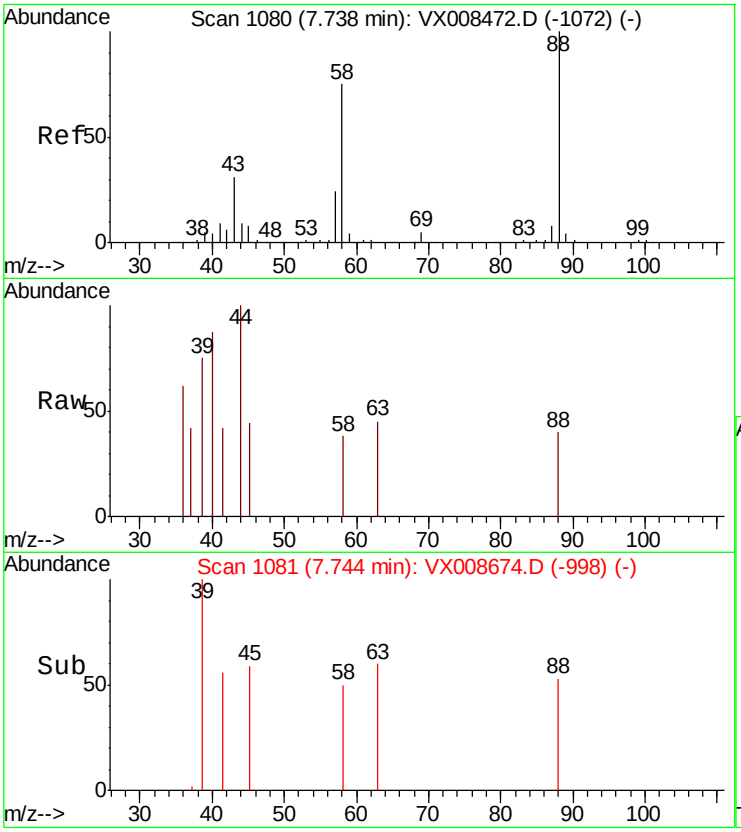


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX008674.D
Acq: 05 Apr 2019 10:51

Tgt Ion:114 Resp: 177398

Ion	Ratio	Lower	Upper
114	100		
63	23.6	14.2	21.4#
88	16.9	11.9	17.9



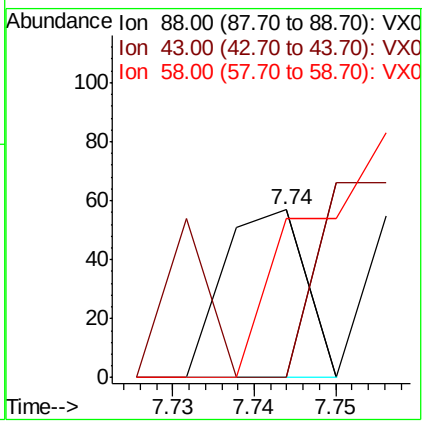


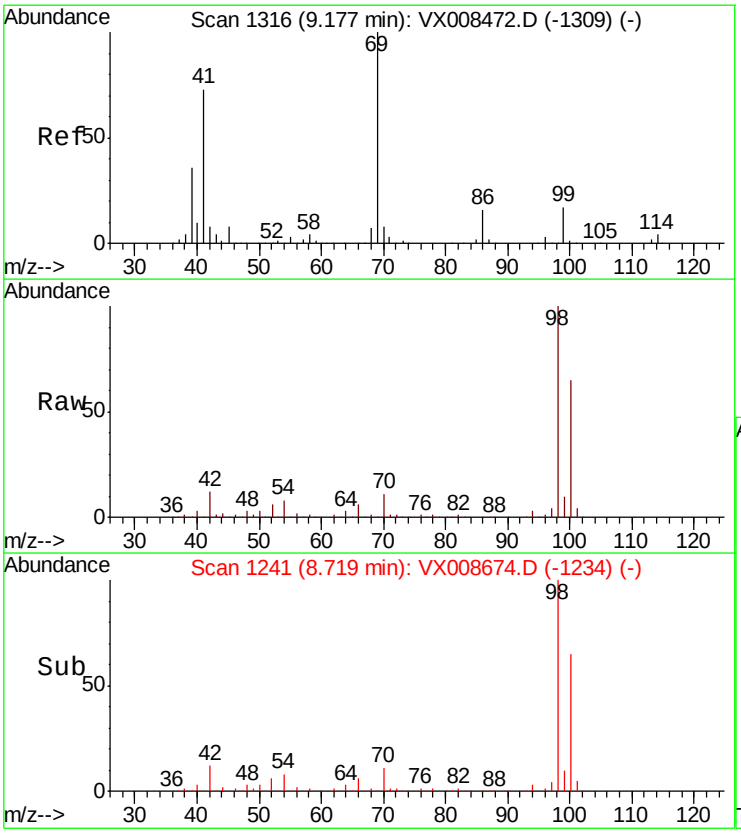
#45
1,4-Dioxane
Concen: 0.613 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008674.D
Acq: 05 Apr 2019 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBL01

Tgt Ion: 88 Resp: 39

Ion	Ratio	Lower	Upper
88	100		
43	61.5	23.6	35.4#
58	0.0	51.6	77.4#

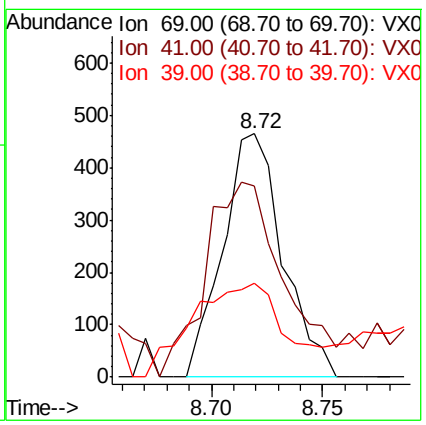


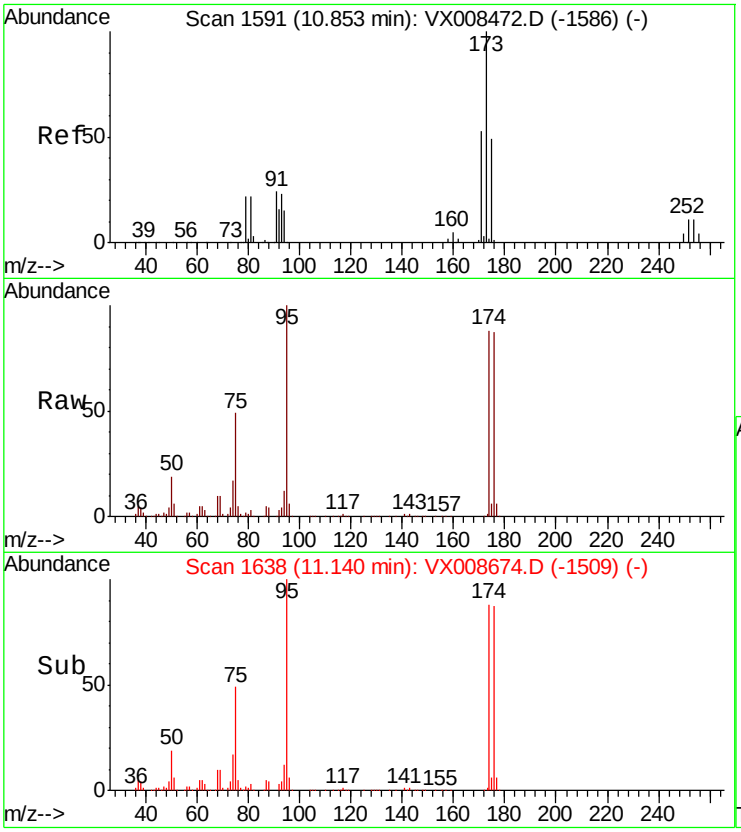


#51
Ethyl methacrylate
Concen: 0.210 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.46 min
Lab File: VX008674.D
Acq: 05 Apr 2019 10:51

Tgt Ion: 69 Resp: 871

Ion	Ratio	Lower	Upper
69	100		
41	66.2	32.1	96.5
39	25.2	18.8	56.3



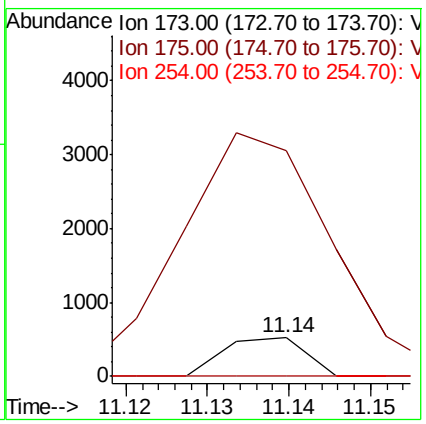


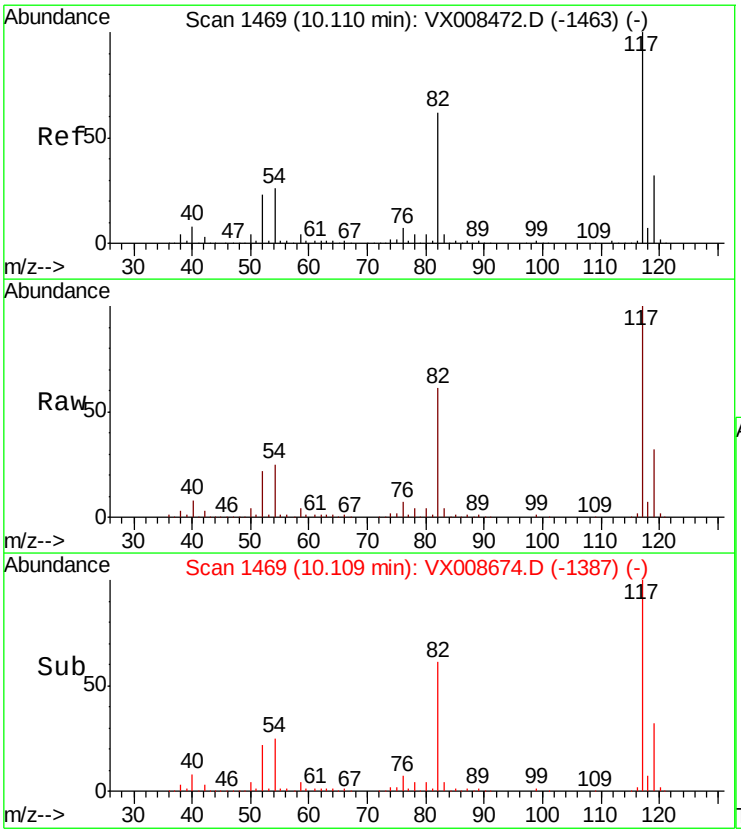
#56
Bromoform
Concen: 0.229 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.29 min
Lab File: VX008674.D
Acq: 05 Apr 2019 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBL01

Tgt Ion:173 Resp: 365

Ion	Ratio	Lower	Upper
173	100		
175	1186.8	38.5	57.7#
254	0.0	7.4	11.2#

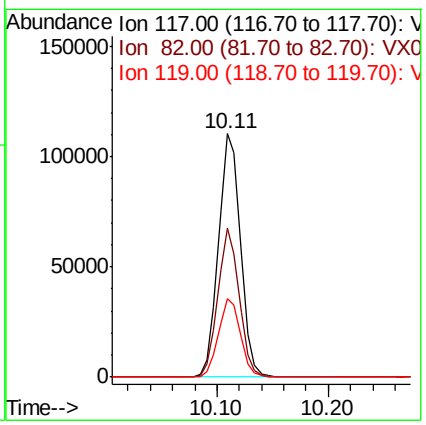


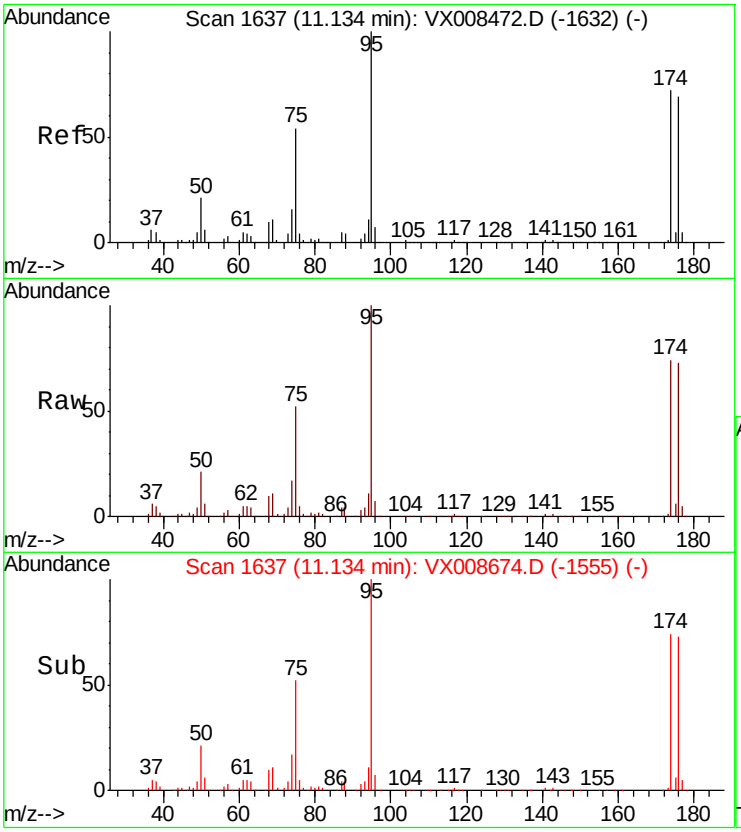


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008674.D
Acq: 05 Apr 2019 10:51

Tgt Ion:117 Resp: 151379

Ion	Ratio	Lower	Upper
117	100		
82	59.3	40.4	60.6
119	32.0	25.8	38.6



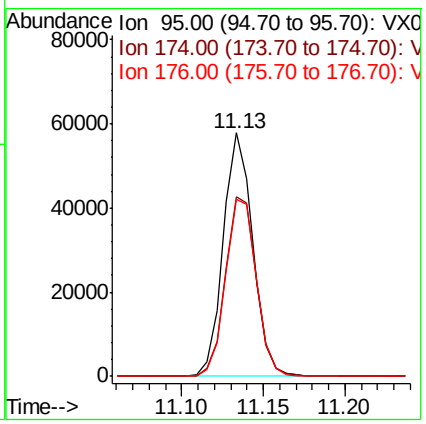


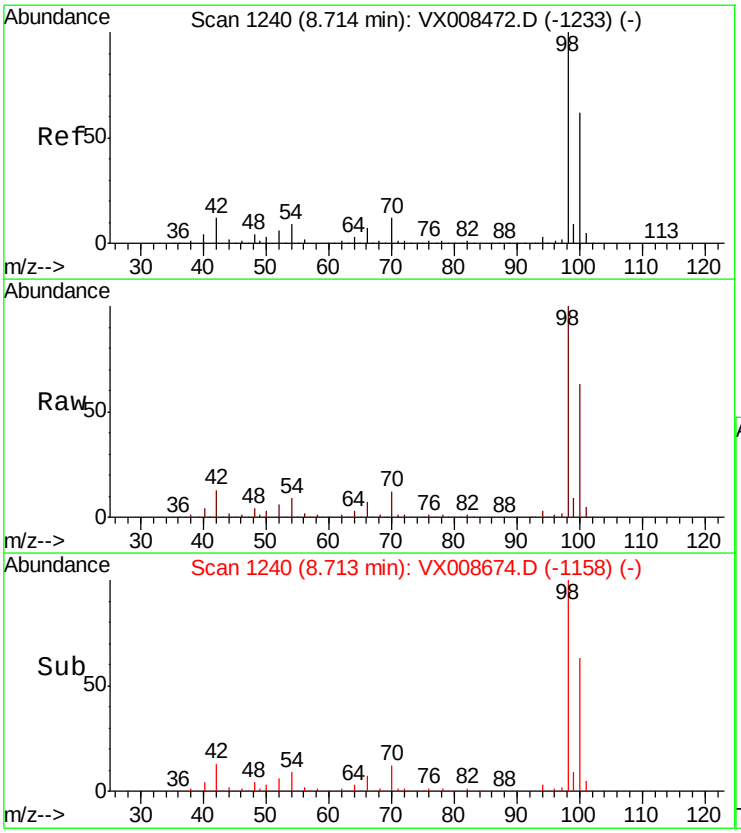
#60
4-Bromofluorobenzene
Concen: 27.520 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008674.D
Acq: 05 Apr 2019 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBL01

Tgt Ion: 95 Resp: 72585

Ion	Ratio	Lower	Upper
95	100		
174	77.3	74.9	112.3
176	76.0	70.7	106.1





#63
Toluene-d8
Concen: 30.236 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008674.D
Acq: 05 Apr 2019 10:51

Tgt Ion: 98 Resp: 217264

Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.9	76.3