Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020520\
Data File : VX014822.D
Acq On : 05 Feb 2020 15:08
Operator : JC/SP
Sample : L1377-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Feb 06 03:05:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X011520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 15 12:41:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	66847	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	369780	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	328072	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	149614	31.84	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 106.13%			
60) 4-Bromofluorobenzene	11.13	95	148688	28.32	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 94.40%			
63) Toluene-d8	8.71	98	441107	29.77	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 99.23%			
Target Compounds						Qvalue
6) Chloroethane	1.64	64	2874	0.898	ug/l	92
13) Acrolein	2.36	56	189	0.269	ug/l	90
15) Acetone	2.44	58	2783	3.629	ug/l	84
23) tert-Butyl Alcohol	3.06	59	403	0.426	ug/l #	55
45) 1,4-Dioxane	7.73	88	176	1.754	ug/l #	1

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

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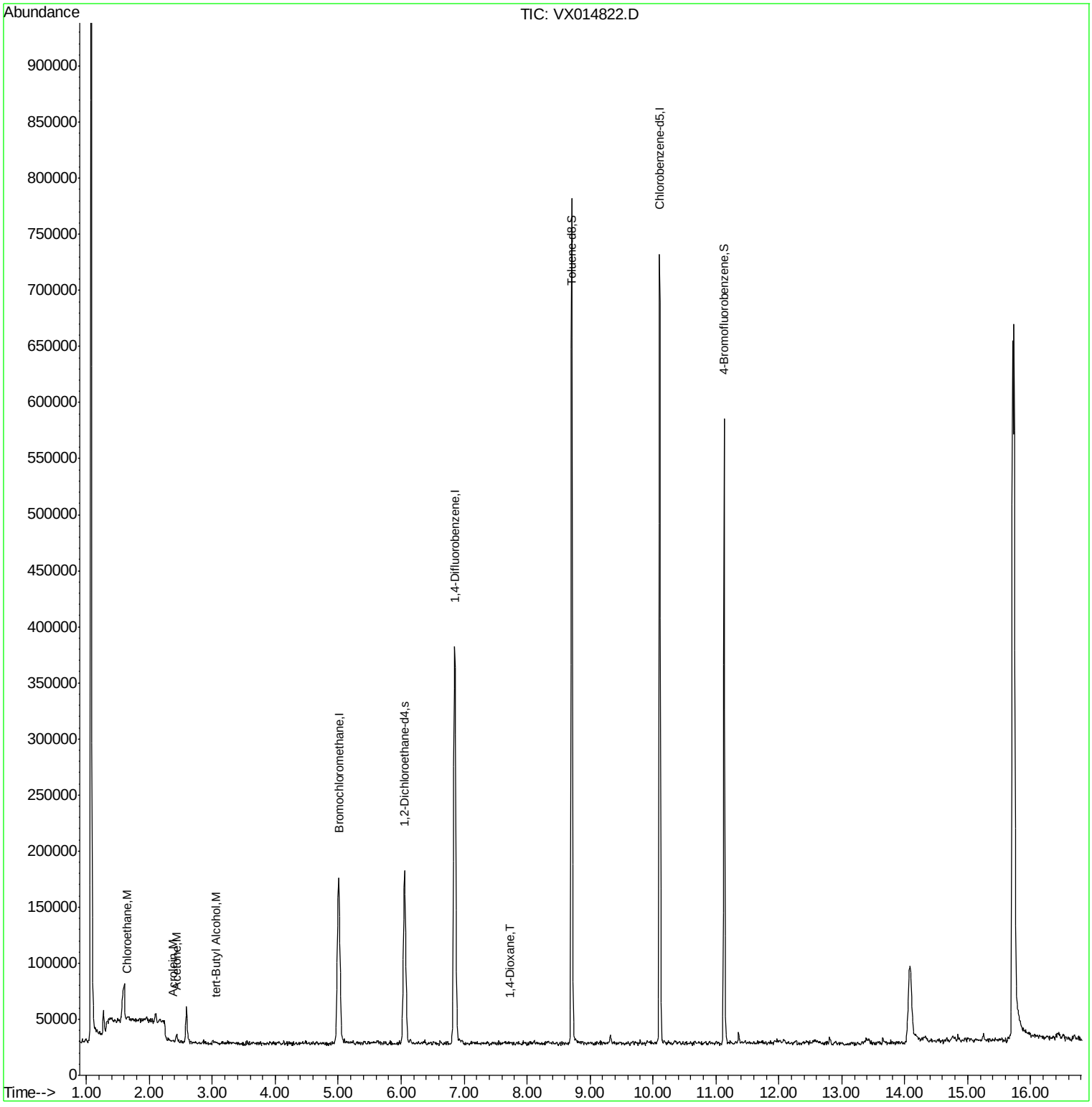
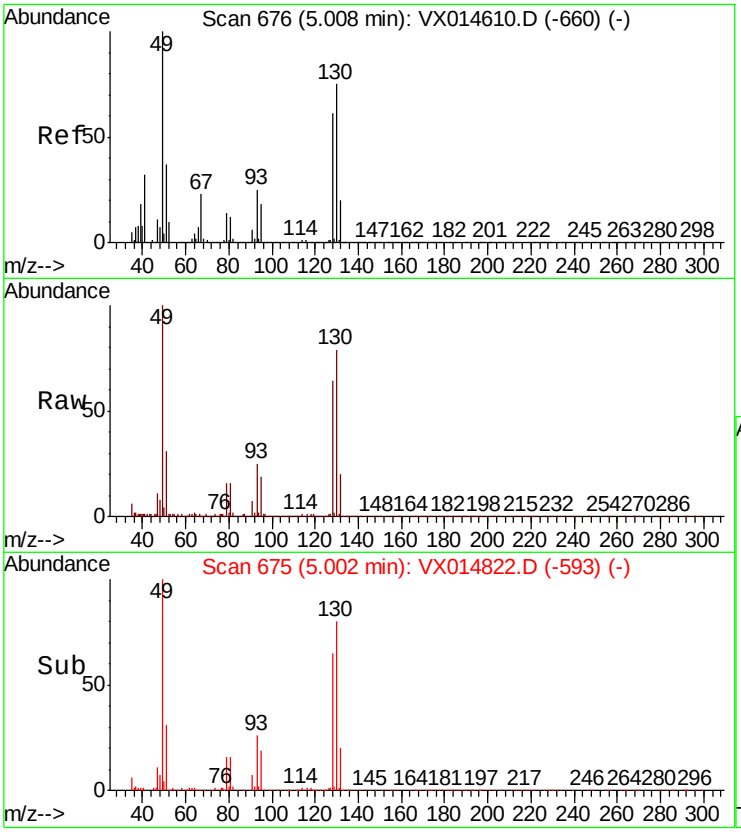


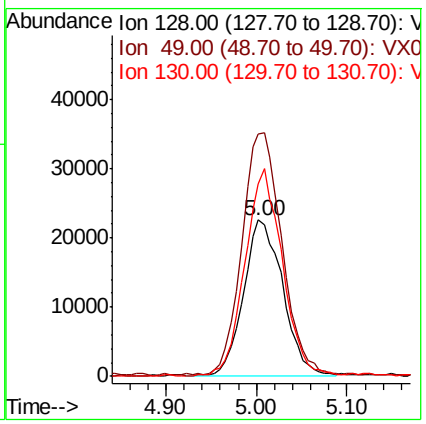


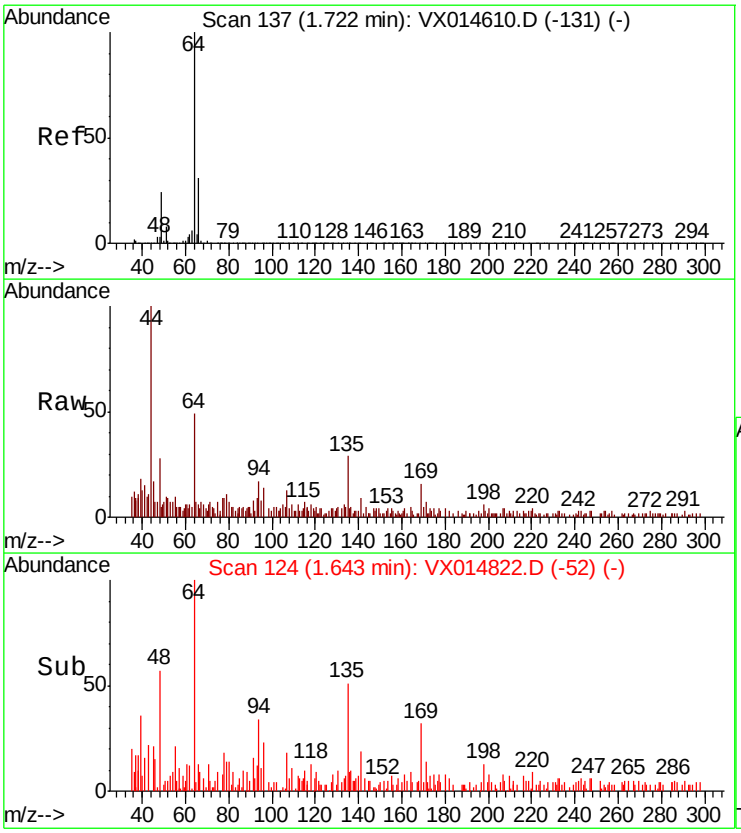
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014822.D
Acq: 05 Feb 2020 15:08

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 66847

Ion	Ratio	Lower	Upper
128	100		
49	160.5	0.0	405.0
130	127.5	0.0	321.5

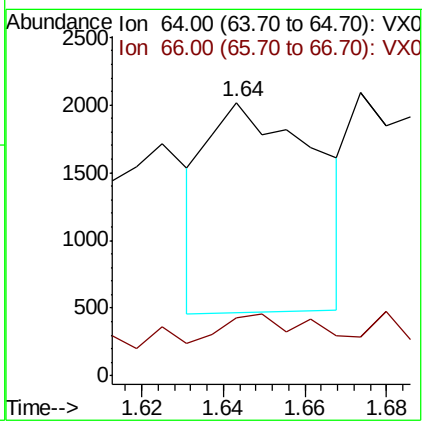


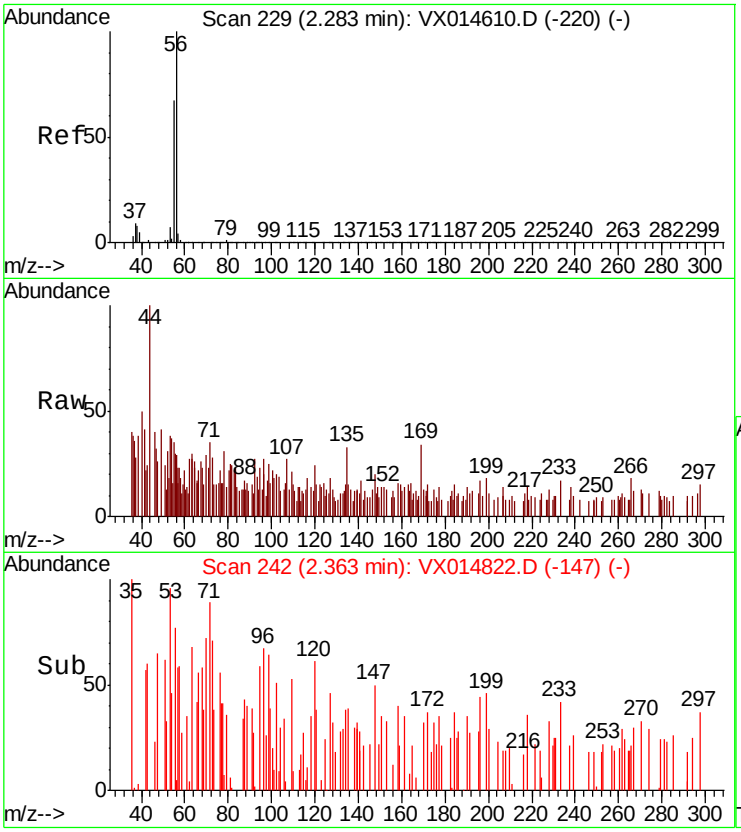


#6
Chloroethane
Concen: 0.898 ug/l
RT: 1.64 min Scan# 124
Delta R.T. -0.06 min
Lab File: VX014822.D
Acq: 05 Feb 2020 15:08

Tgt Ion: 64 Resp: 2874

Ion	Ratio	Lower	Upper
64	100		
66	27.2	25.2	37.8



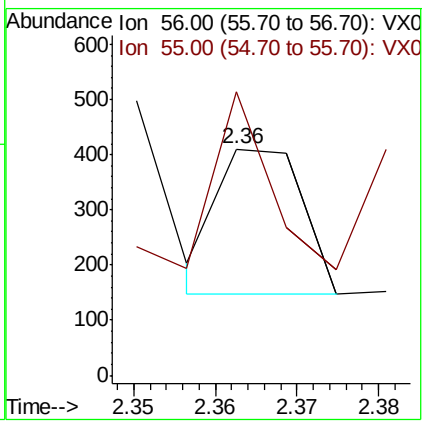


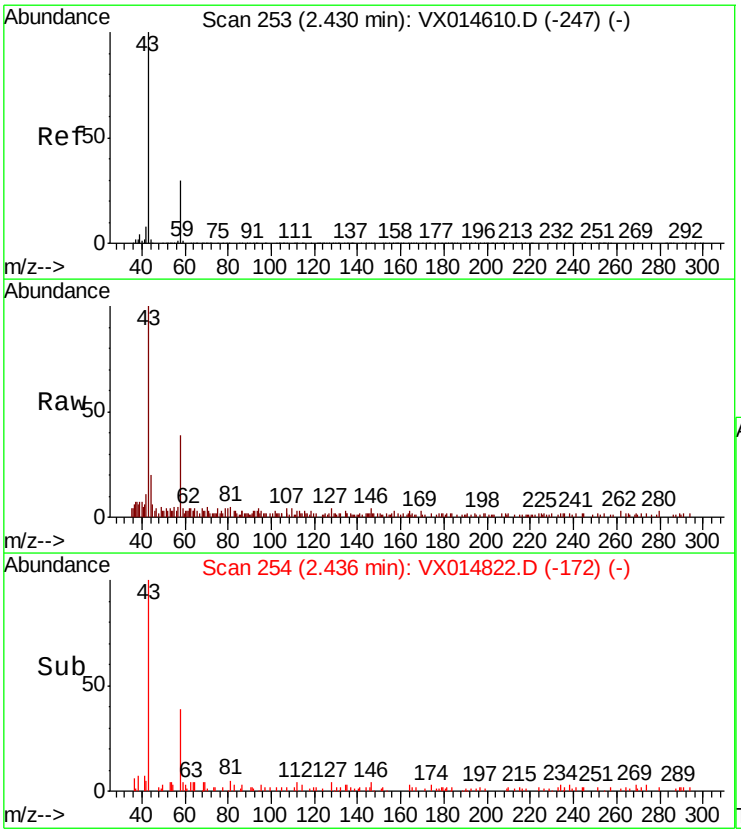
#13
Acrolein
Concen: 0.269 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.08 min
Lab File: VX014822.D
Acq: 05 Feb 2020 15:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 189

Ion	Ratio	Lower	Upper
56	100		
55	76.7	54.9	82.3

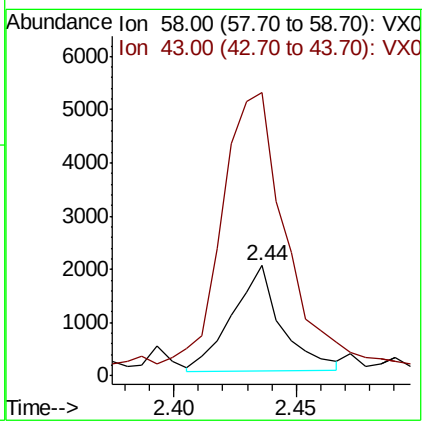


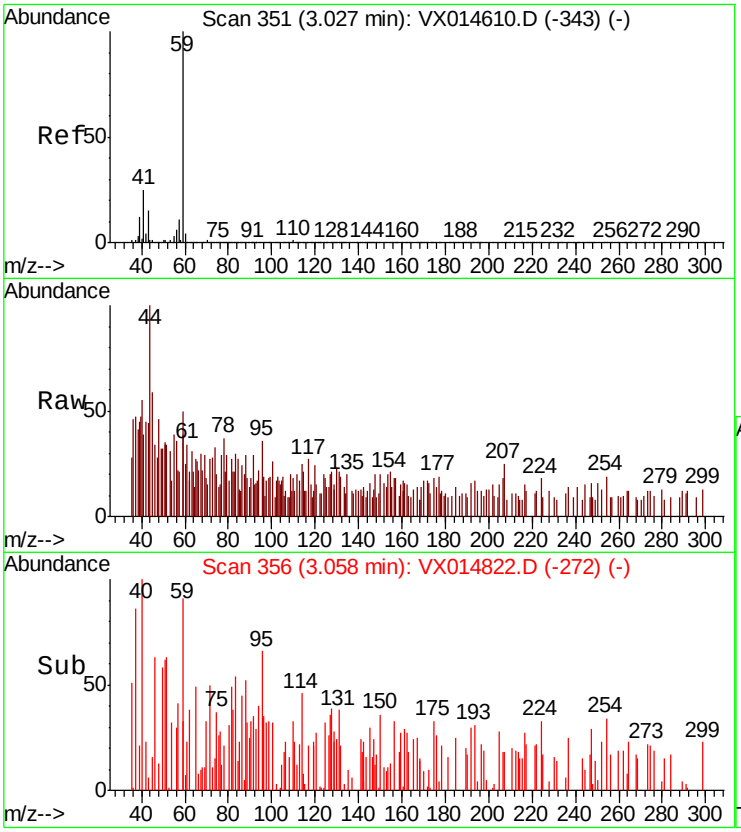


#15
Acetone
Concen: 3.629 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX014822.D
Acq: 05 Feb 2020 15:08

Tgt Ion: 58 Resp: 2783

Ion	Ratio	Lower	Upper
58	100		
43	264.4	236.3	354.5



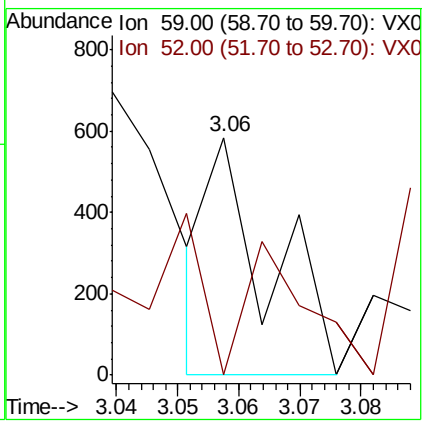


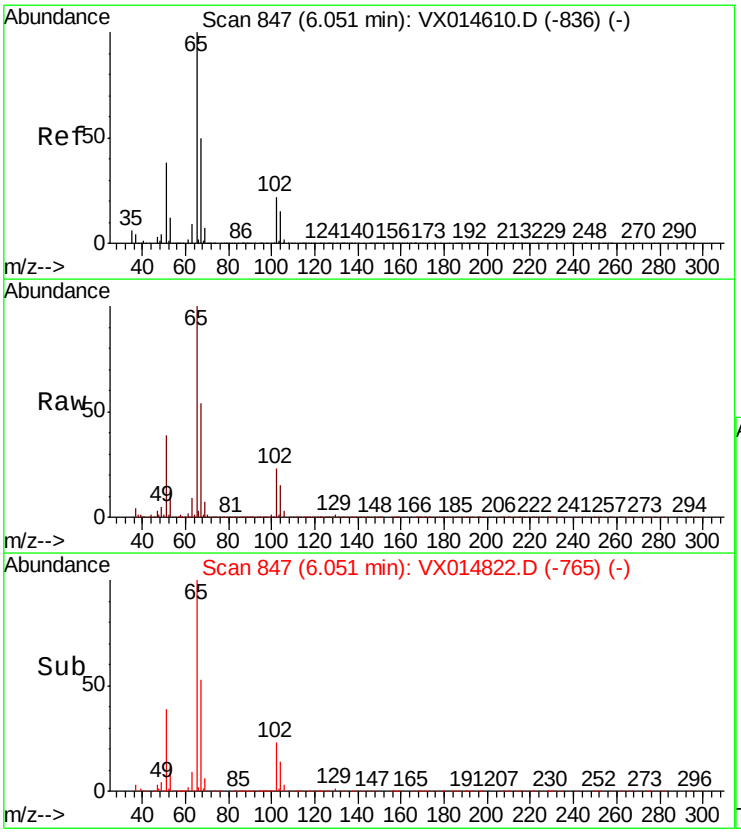
#23
tert-Butyl Alcohol
Concen: 0.426 ug/l
RT: 3.06 min Scan# 356
Delta R.T. 0.01 min
Lab File: VX014822.D
Acq: 05 Feb 2020 15:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 403

Ion	Ratio	Lower	Upper
59	100		
52	57.3	0.2	0.2#

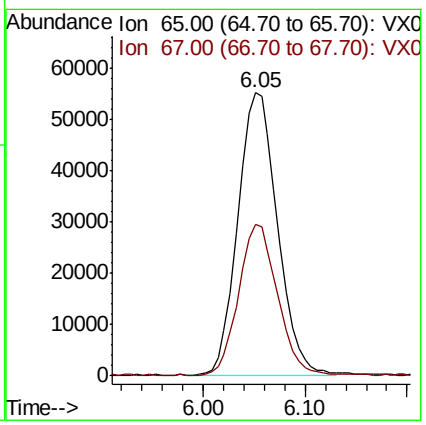


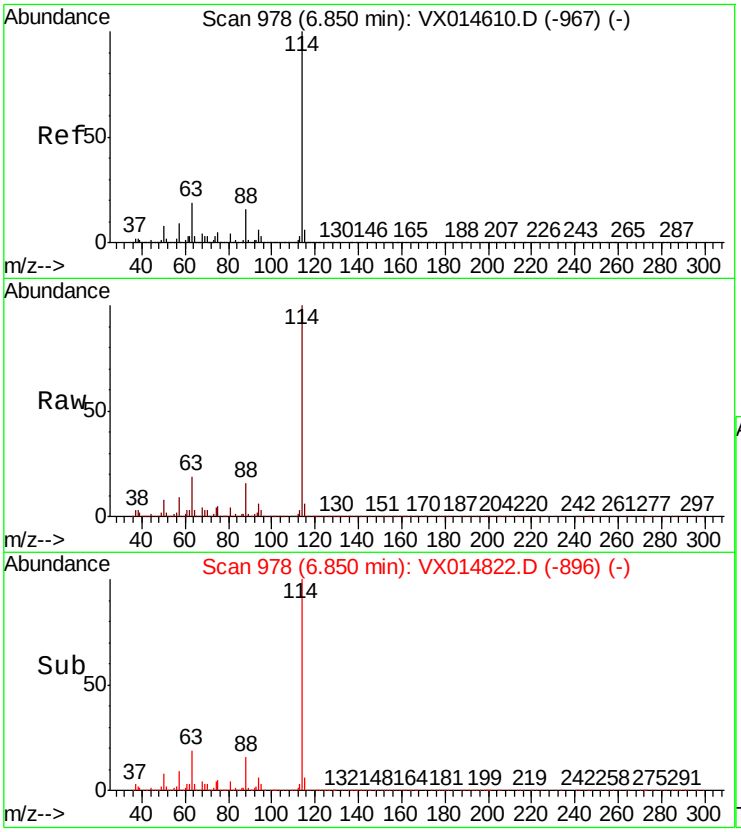


#27
1,2-Dichloroethane-d4
Concen: 31.842 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014822.D
Acq: 05 Feb 2020 15:08

Tgt Ion: 65 Resp: 149614

Ion	Ratio	Lower	Upper
65	100		
67	51.9	43.1	64.7



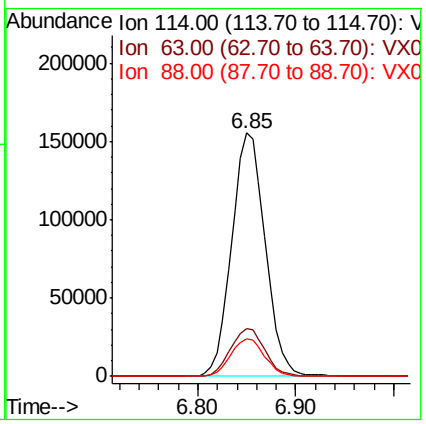


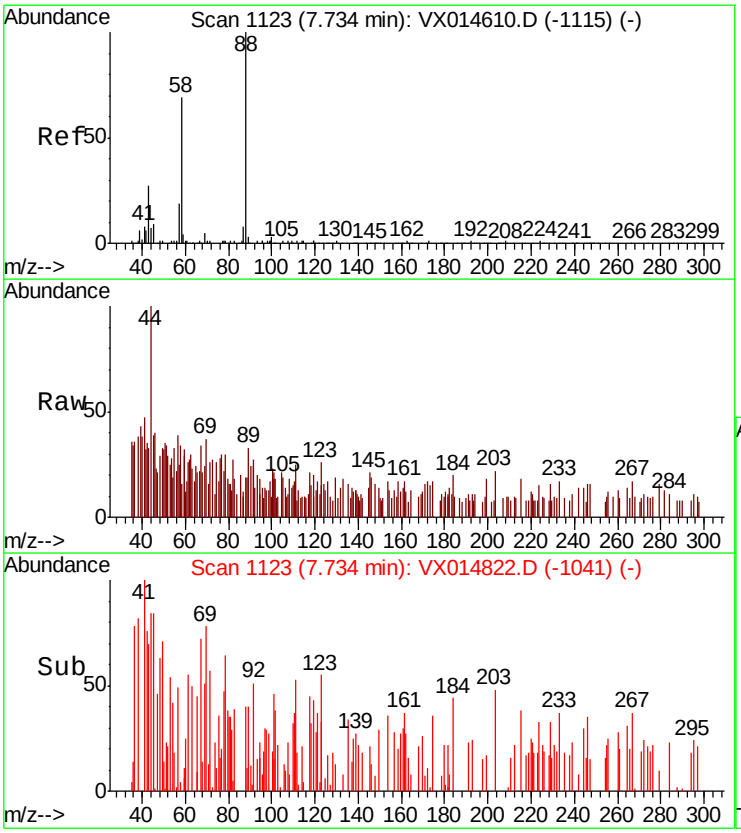
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014822.D
Acq: 05 Feb 2020 15:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 369780

Ion	Ratio	Lower	Upper
114	100		
63	19.8	16.1	24.1
88	15.3	12.5	18.7

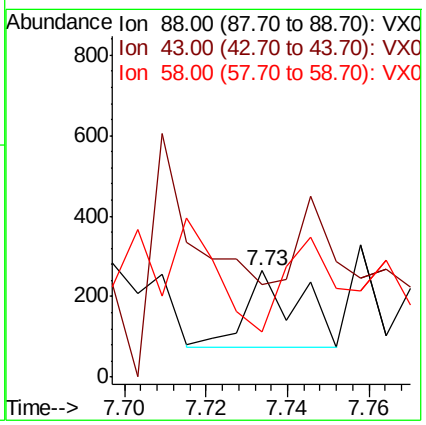


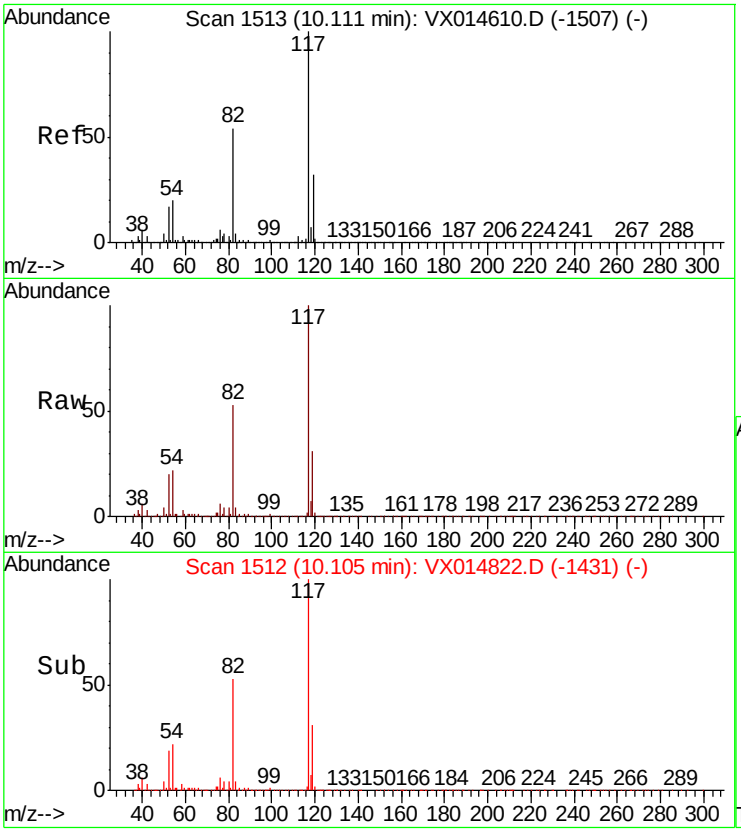


#45
1,4-Dioxane
Concen: 1.754 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014822.D
Acq: 05 Feb 2020 15:08

Tgt Ion: 88 Resp: 176

Ion	Ratio	Lower	Upper
88	100		
43	150.0	25.4	38.2#
58	173.3	56.5	84.7#



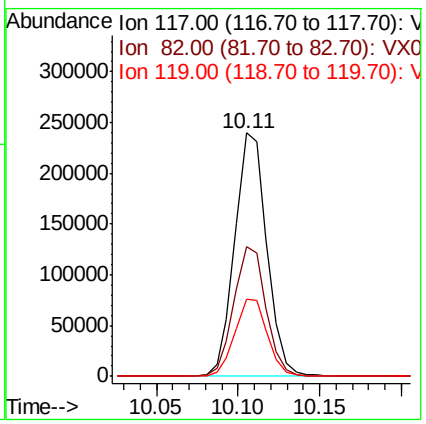


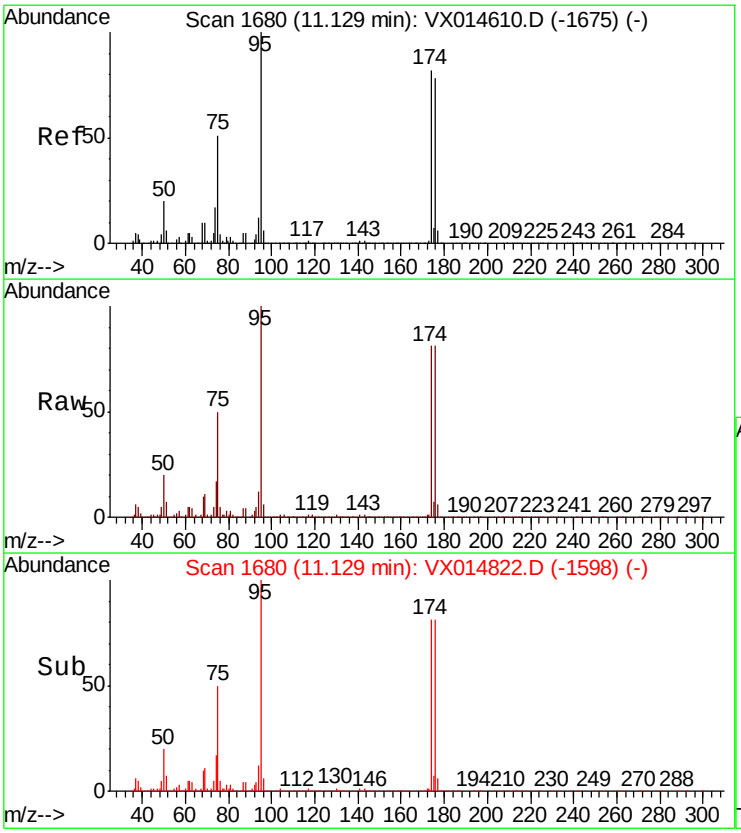
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014822.D
Acq: 05 Feb 2020 15:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 328072

Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.8	65.6
119	32.2	25.8	38.6

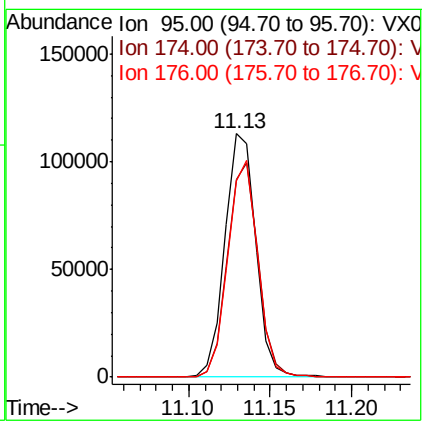


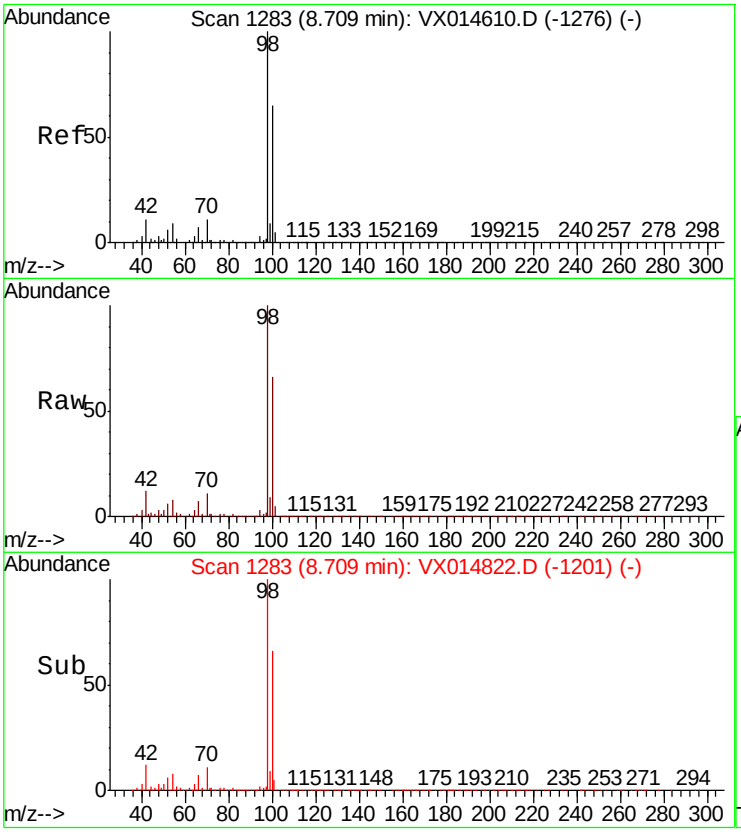


#60
4-Bromofluorobenzene
Concen: 28.322 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014822.D
Acq: 05 Feb 2020 15:08

Tgt Ion: 95 Resp: 148688

Ion	Ratio	Lower	Upper
95	100		
174	86.6	70.2	105.2
176	86.2	68.3	102.5

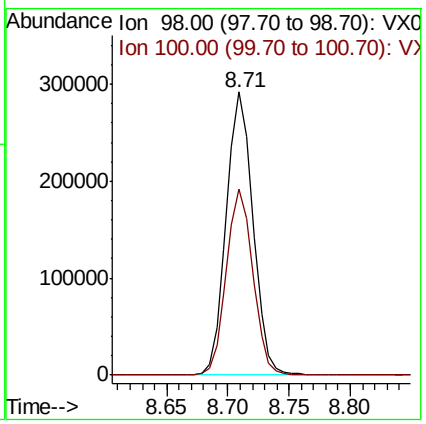




#63
Toluene-d8
Concen: 29.767 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014822.D
Acq: 05 Feb 2020 15:08

Tgt Ion: 98 Resp: 441107

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.2



Instrument :
MSVOA_X
ClientSampleId :