Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112219\
Data File : VX013539.D
Acq On : 22 Nov 2019 17:31
Operator : JC/SP
Sample : K5978-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 14B-1

Quant Time: Nov 22 22:25:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X111119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.01	128	107702	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.85	114	560610	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.11	117	482324	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.06	65	237557	29.87	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 99.57%				
60) 4-Bromofluorobenzene	11.14	95	212087	27.36	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 91.20%				
63) Toluene-d8	8.71	98	661497	30.33	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 101.10%				
Target Compounds							Qvalue
6) Chloroethane	1.74	64	1510	0.275	ug/l		98
13) Acrolein	2.40	56	521	0.421	ug/l		97
15) Acetone	2.73	58	272	0.210	ug/l		89
18) Methylene Chloride	2.85	84	2031	0.269	ug/l	#	80
23) tert-Butyl Alcohol	3.00	59	13204	6.401	ug/l	#	99
25) Chloroform	5.20	83	365970	29.128	ug/l		98
37) Trichloroethene	7.22	130	1492	0.214	ug/l		96
41) Bromodichloromethane	7.89	83	48856	5.600	ug/l		94
45) 1,4-Dioxane	7.73	88	65	0.355	ug/l	#	1
53) Dibromochloromethane	9.58	129	3770	0.538	ug/l		86
80) 1,2,4-Trimethylbenzene	11.81	105	5724	0.236	ug/l		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112219\
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Acq On : 22 Nov 2019 17:31
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Misc : 5.0mL/MSVOA_X/WATER
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Instrument : MSVOA_X
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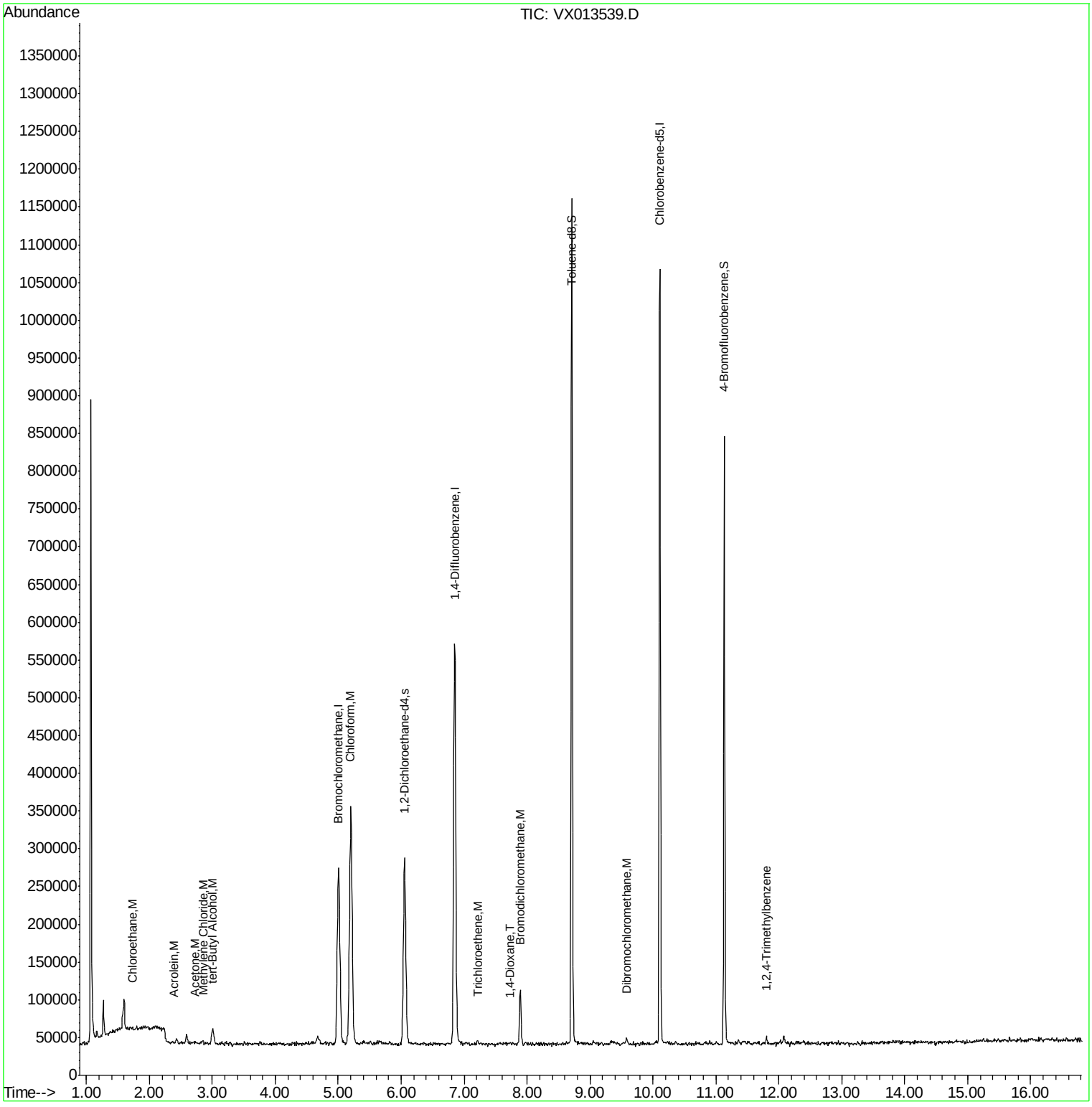
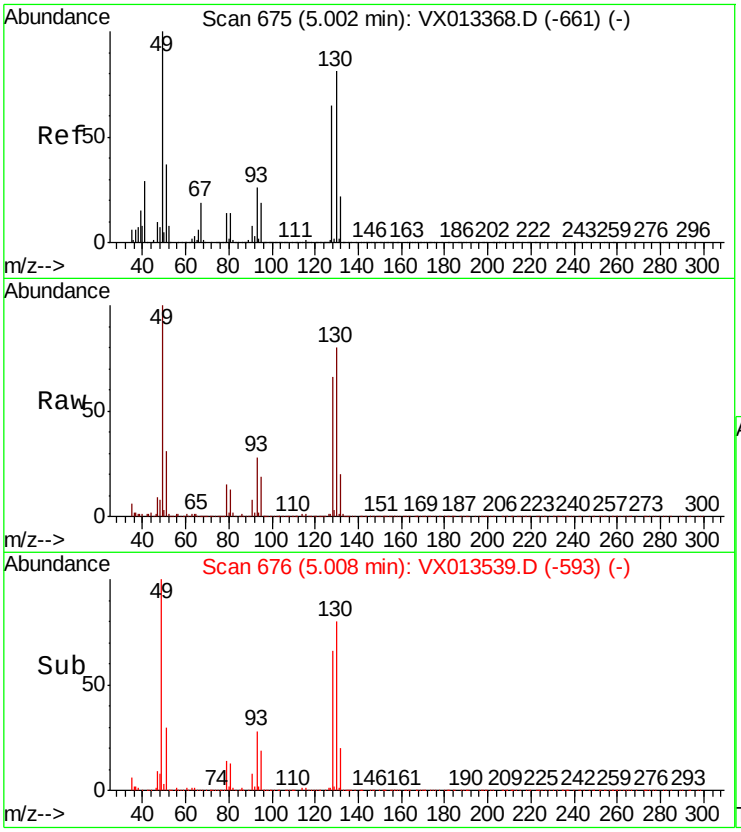
Quant Time: Nov 22 22:25:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X111119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:16:13 2019
Response via : Initial Calibration



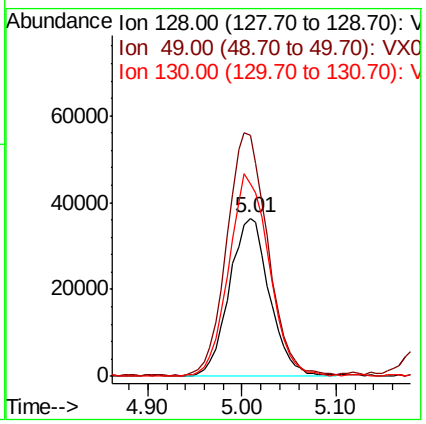


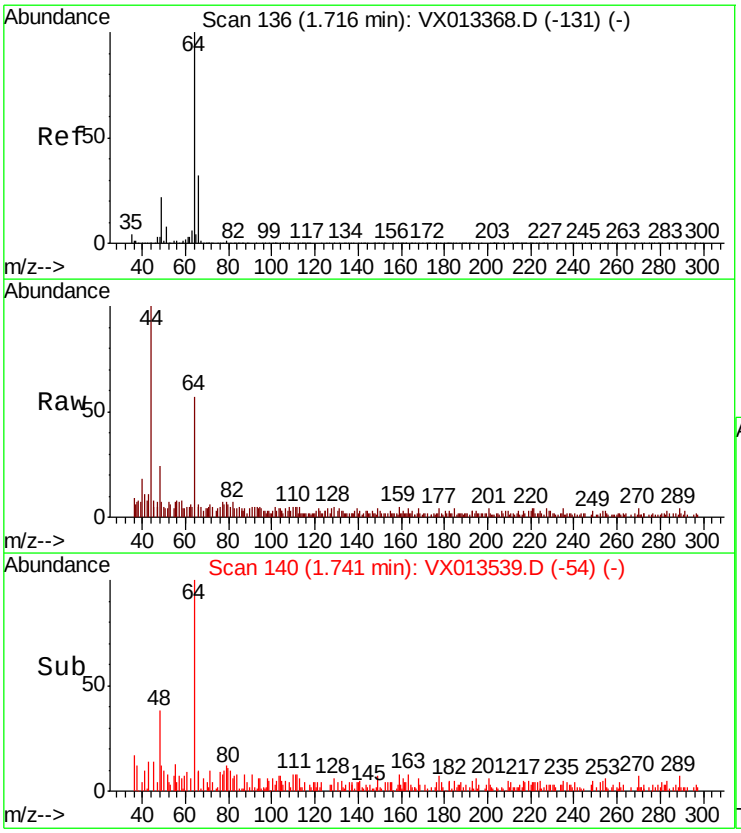
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013539.D
Acq: 22 Nov 2019 17:31

Instrument :
MSVOA_X
ClientSampleId :
14B-1

Tgt Ion:128 Resp: 107702

Ion	Ratio	Lower	Upper
128	100		
49	157.9	0.0	388.3
130	129.0	0.0	318.5

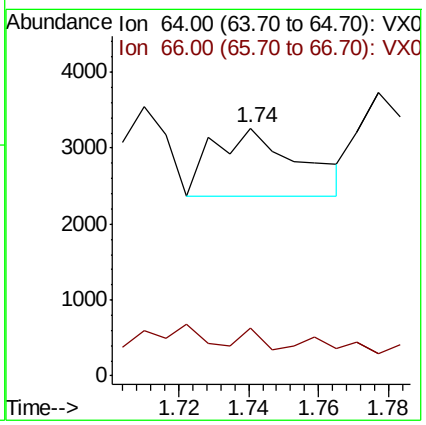


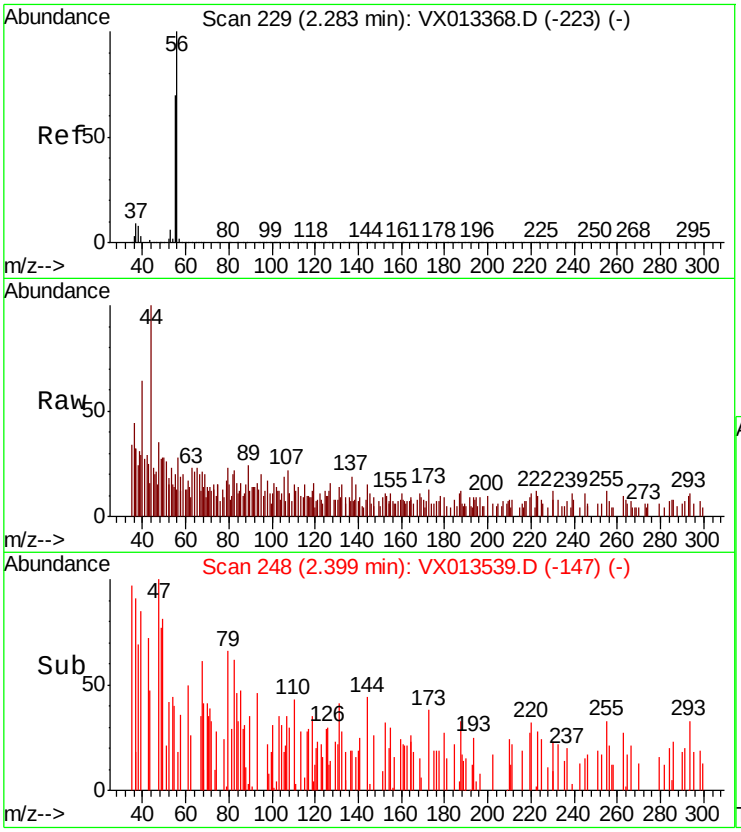


#6
Chloroethane
Concen: 0.275 ug/l
RT: 1.74 min Scan# 140
Delta R.T. 0.02 min
Lab File: VX013539.D
Acq: 22 Nov 2019 17:31

Tgt Ion: 64 Resp: 1510

Ion	Ratio	Lower	Upper
64	100		
66	30.6	25.5	38.3



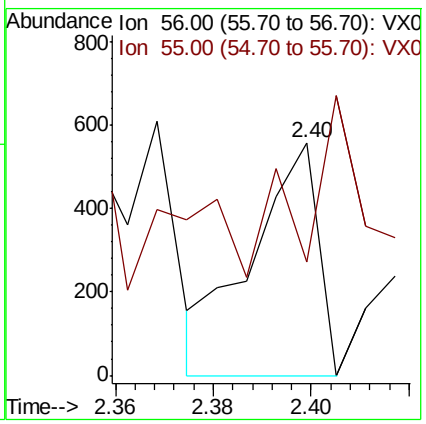


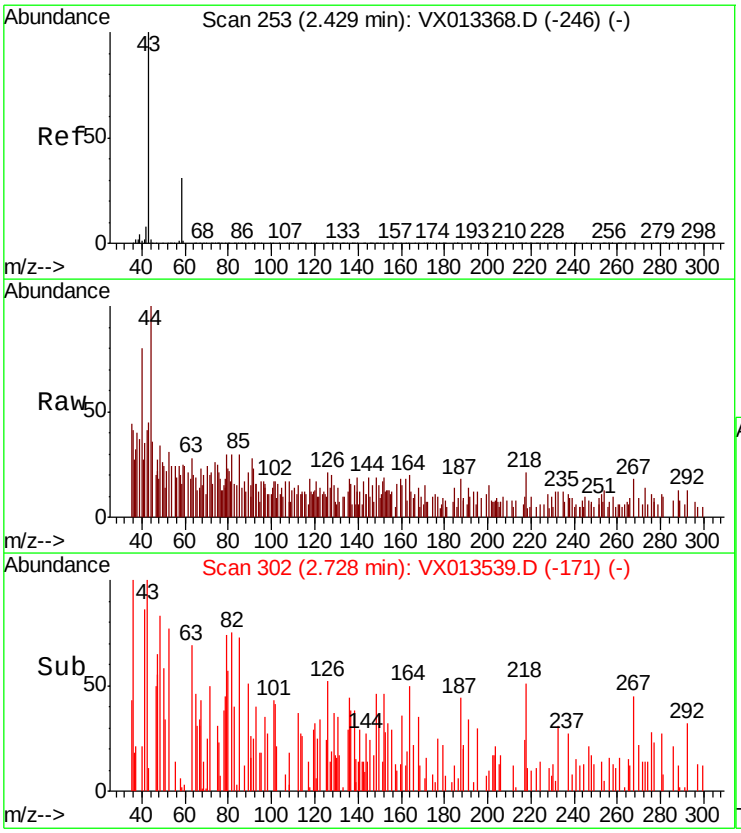
#13
Acrolein
Concen: 0.421 ug/l
RT: 2.40 min Scan# 248
Delta R.T. 0.12 min
Lab File: VX013539.D
Acq: 22 Nov 2019 17:31

Instrument :
MSVOA_X
ClientSampleId :
14B-1

Tgt Ion: 56 Resp: 521

Ion	Ratio	Lower	Upper
56	100		
55	67.2	55.8	83.8

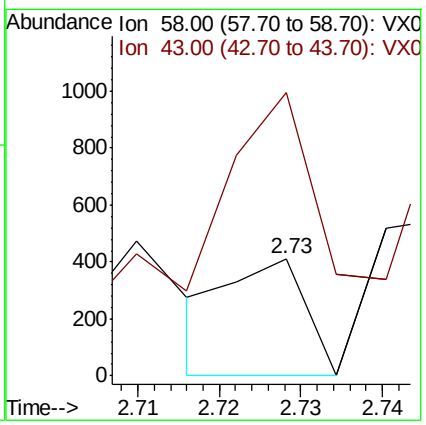


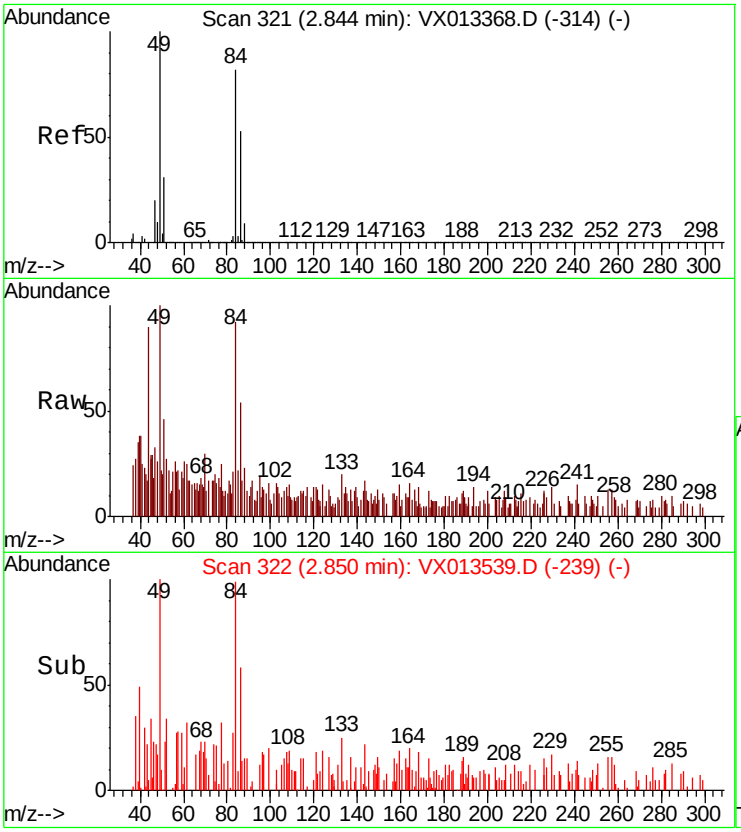


#15
Acetone
Concen: 0.210 ug/l
RT: 2.73 min Scan# 302
Delta R.T. 0.30 min
Lab File: VX013539.D
Acq: 22 Nov 2019 17:31

Tgt Ion: 58 Resp: 272

Ion	Ratio	Lower	Upper
58	100		
43	303.0	261.4	392.2



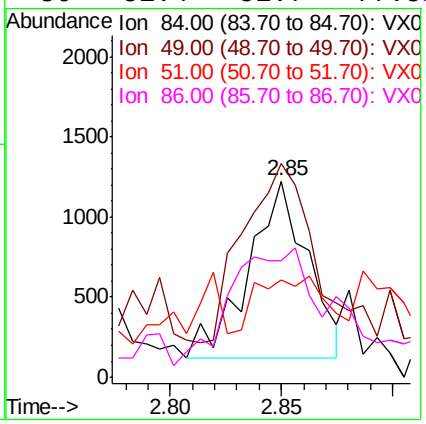


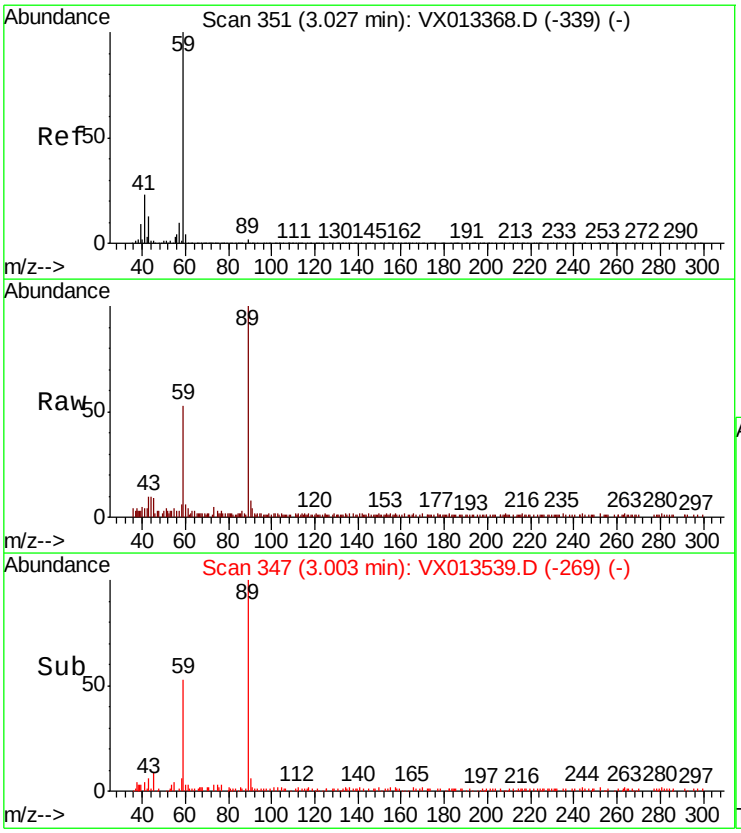
#18
Methylene Chloride
Concen: 0.269 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013539.D
Acq: 22 Nov 2019 17:31

Instrument : MSVOA_X
ClientSampleId : 14B-1

Tgt Ion: 84 Resp: 2031

Ion	Ratio	Lower	Upper
84	100		
49	99.8	96.8	145.2
51	18.9	30.0	45.0#
86	51.4	51.7	77.5#

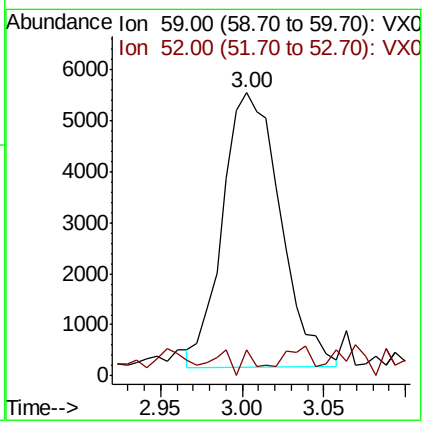


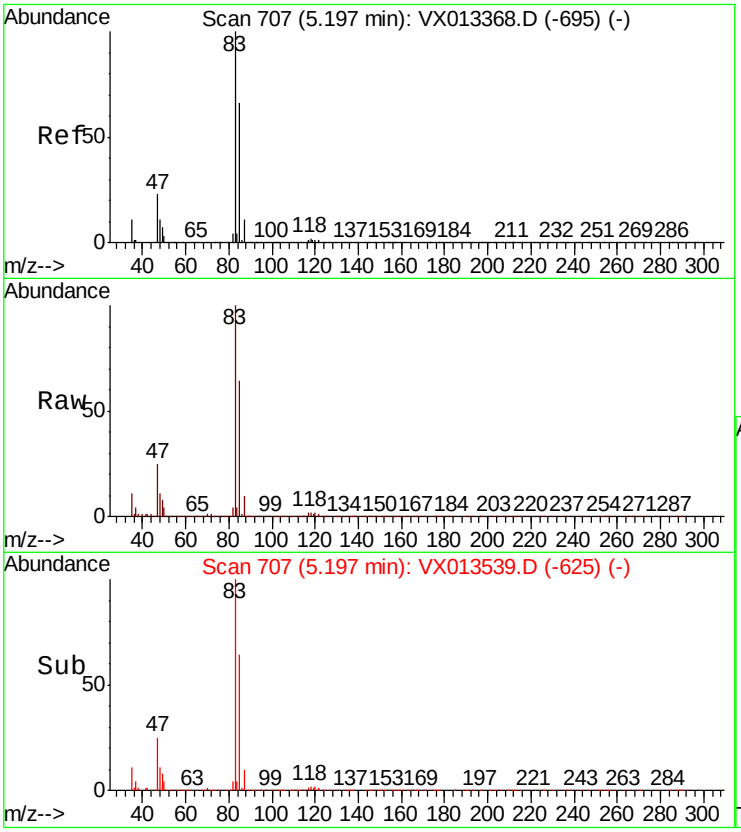


#23
tert-Butyl Alcohol
Concen: 6.401 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.02 min
Lab File: VX013539.D
Acq: 22 Nov 2019 17:31

Tgt Ion: 59 Resp: 13204

Ion	Ratio	Lower	Upper
59	100		
52	3.0	0.1	0.1#



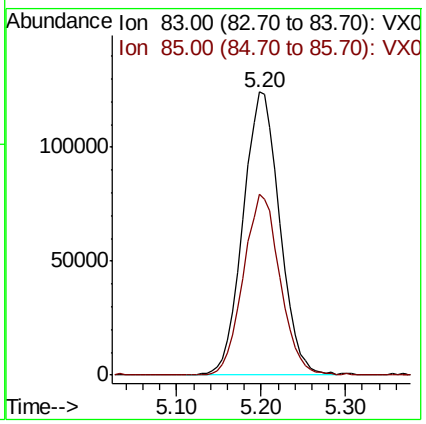


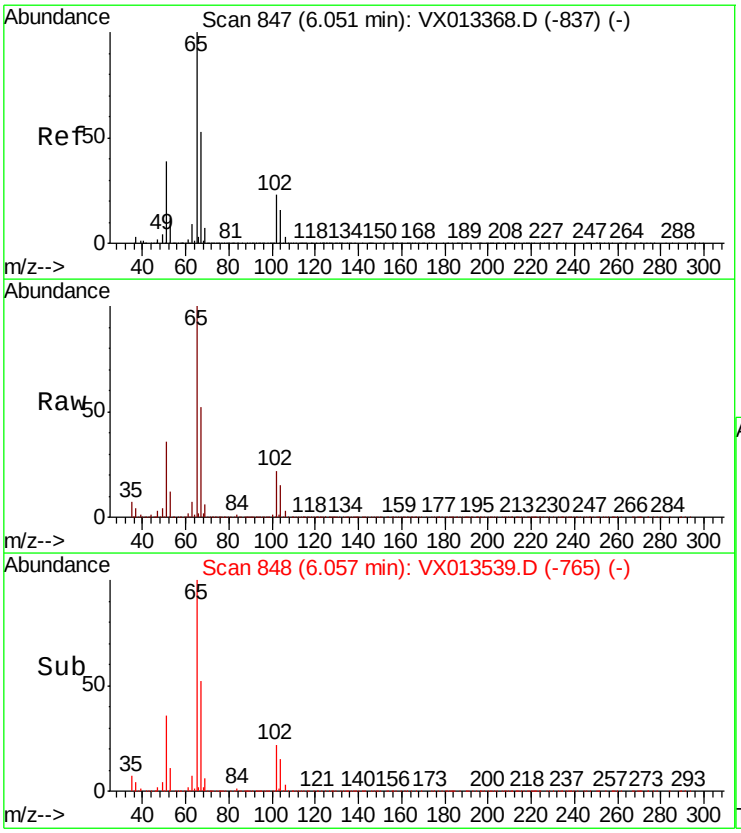
#25
Chloroform
Concen: 29.128 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013539.D
Acq: 22 Nov 2019 17:31

Instrument :
MSVOA_X
ClientSampleId :
14B-1

Tgt Ion: 83 Resp: 365970

Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.4	78.6

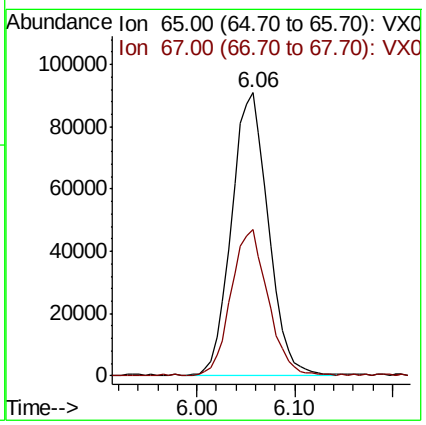


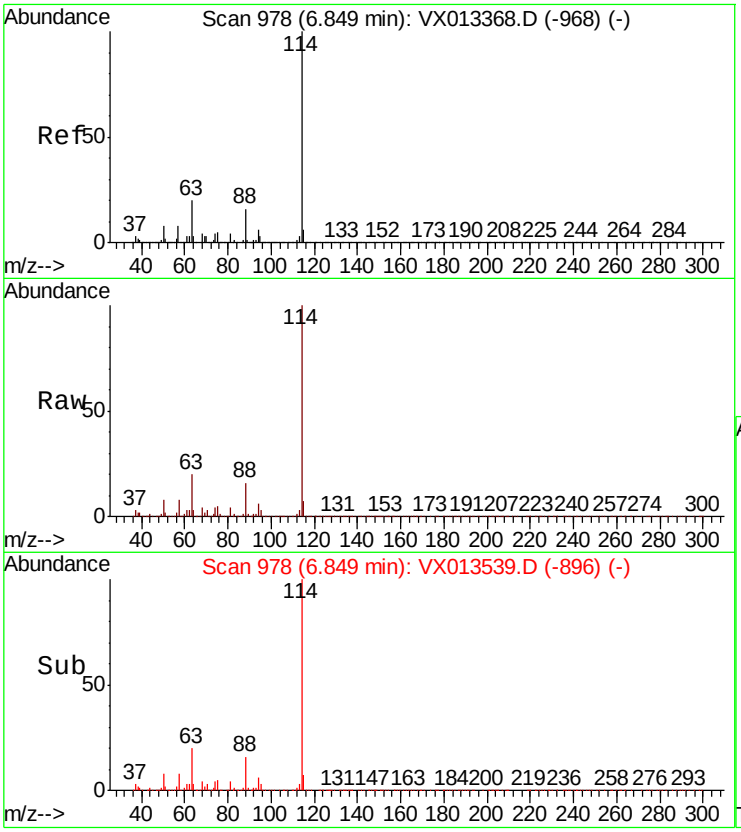


#27
1,2-Dichloroethane-d4
Concen: 29.870 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX013539.D
Acq: 22 Nov 2019 17:31

Tgt Ion: 65 Resp: 237557

Ion	Ratio	Lower	Upper
65	100		
67	51.7	41.0	61.6



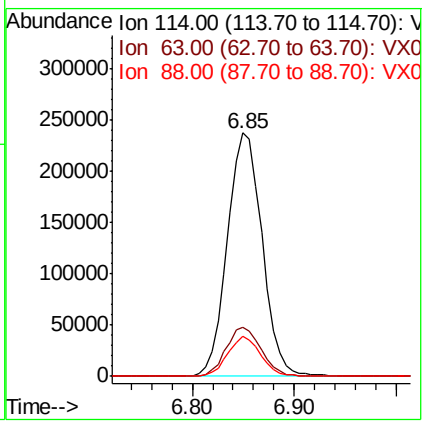


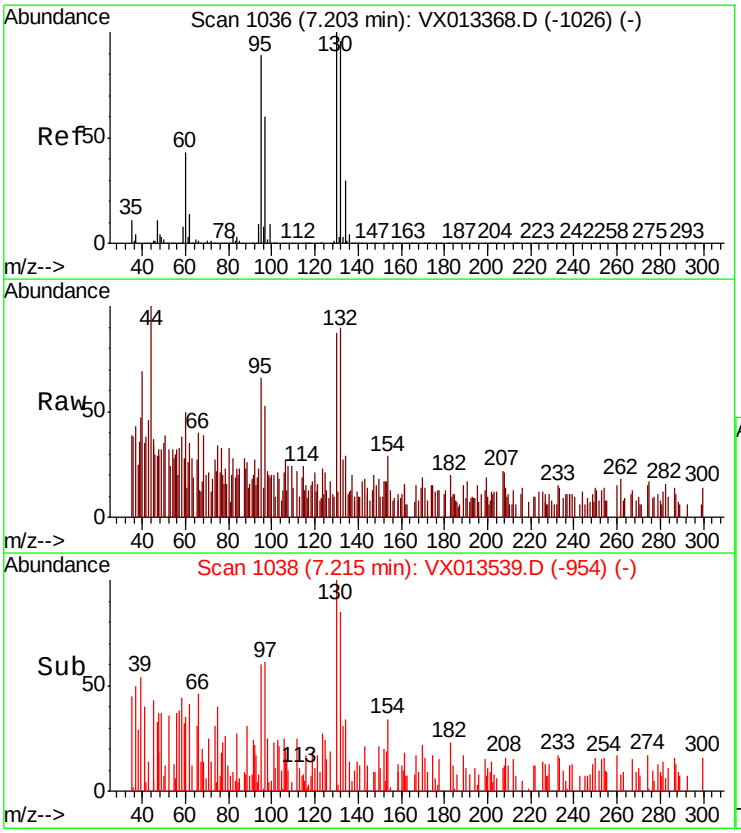
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013539.D
Acq: 22 Nov 2019 17:31

Instrument :
MSVOA_X
ClientSampleId :
14B-1

Tgt Ion:114 Resp: 560610

Ion	Ratio	Lower	Upper
114	100		
63	20.0	16.1	24.1
88	15.6	12.3	18.5

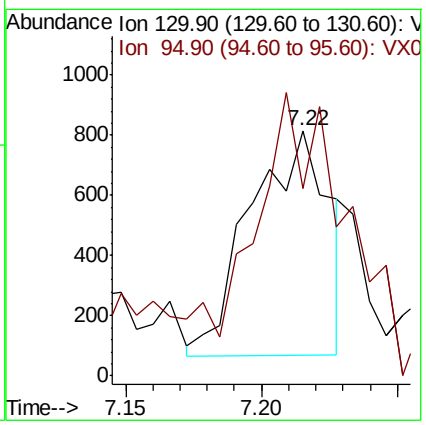


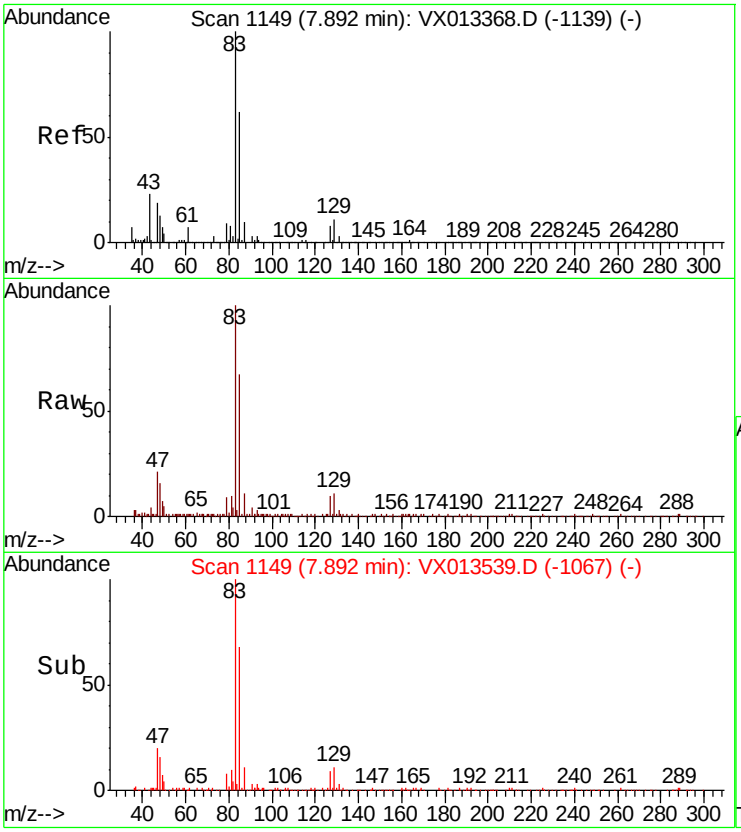


#37
Trichloroethene
Concen: 0.214 ug/l
RT: 7.22 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VX013539.D
Acq: 22 Nov 2019 17:31

Tgt Ion:130 Resp: 1492

Ion	Ratio	Lower	Upper
130	100		
95	85.2	71.3	106.9



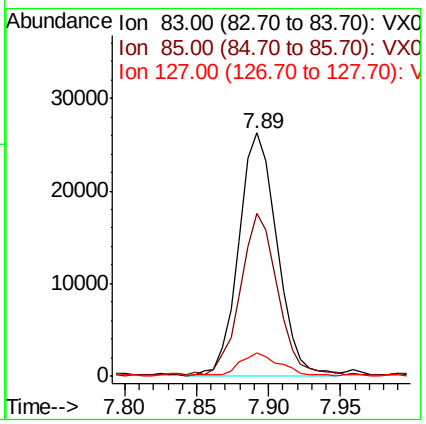


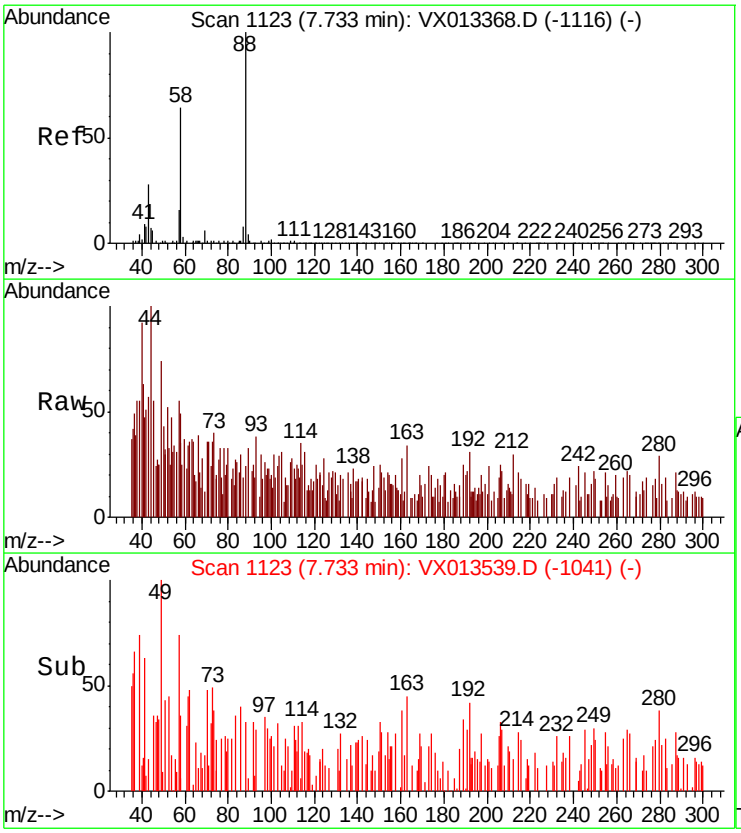
#41
Bromodichloromethane
Concen: 5.600 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX013539.D
Acq: 22 Nov 2019 17:31

Instrument :
MSVOA_X
ClientSampleId :
14B-1

Tgt Ion: 83 Resp: 48856

Ion	Ratio	Lower	Upper
83	100		
85	66.5	49.3	73.9
127	9.5	6.6	10.0

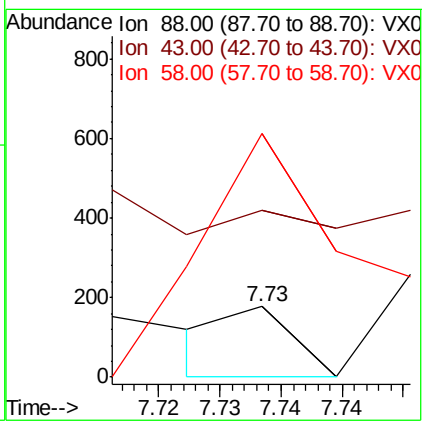


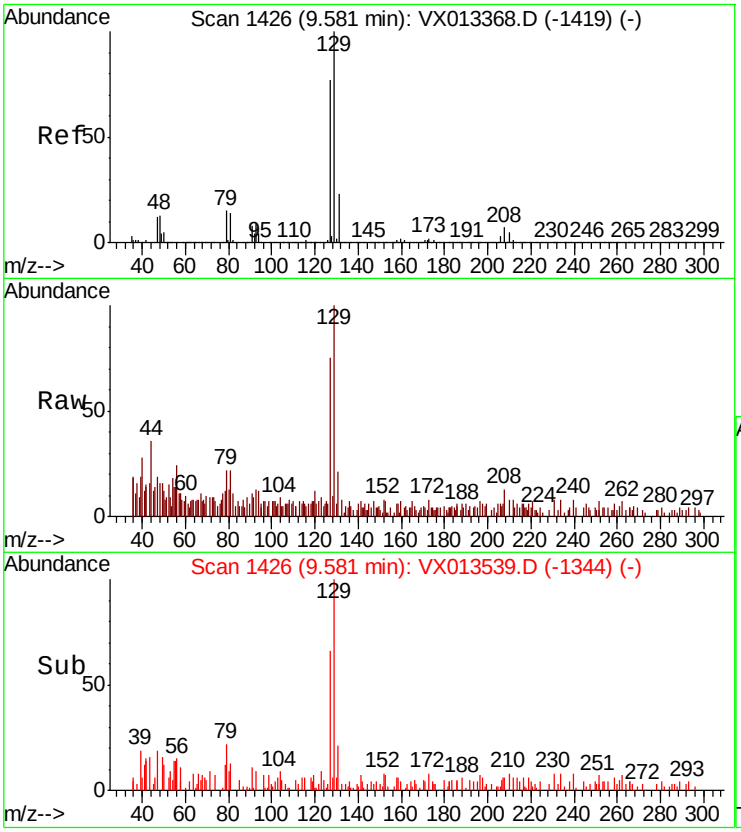


#45
1,4-Dioxane
Concen: 0.355 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013539.D
Acq: 22 Nov 2019 17:31

Tgt Ion: 88 Resp: 65

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.1	39.1#
58	821.5	55.8	83.8#



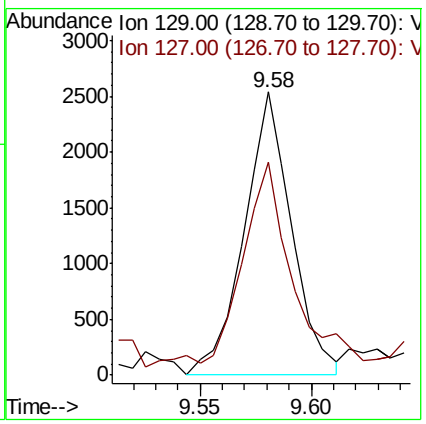


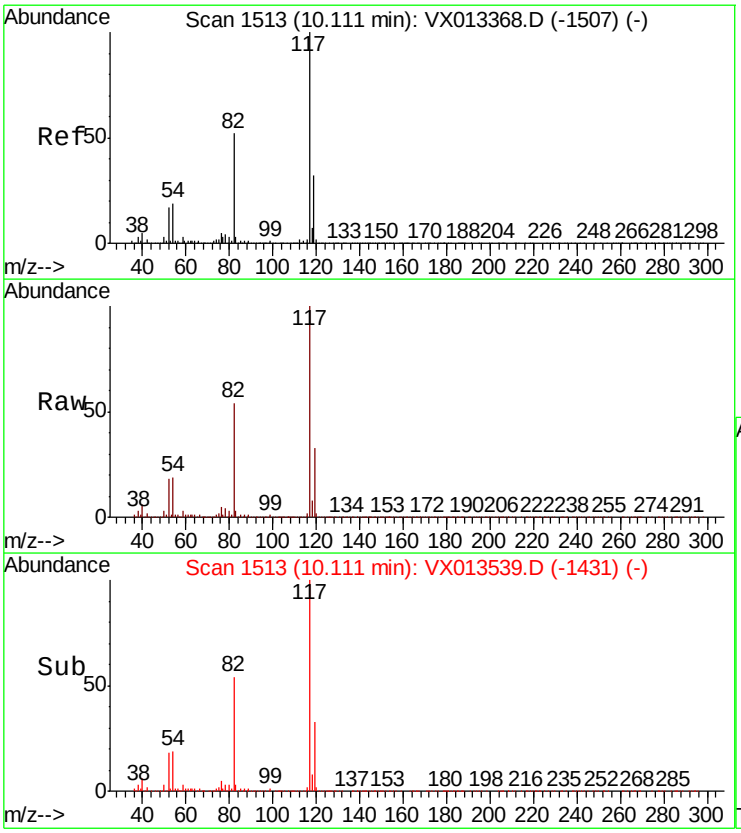
#53
Dibromochloromethane
Concen: 0.538 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013539.D
Acq: 22 Nov 2019 17:31

Instrument :
MSVOA_X
ClientSampleId :
14B-1

Tgt Ion:129 Resp: 3770

Ion	Ratio	Lower	Upper
129	100		
127	66.9	39.6	119.0

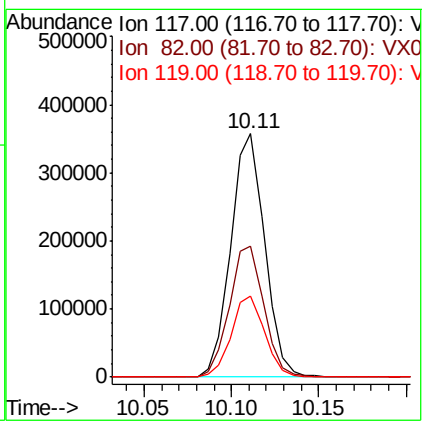


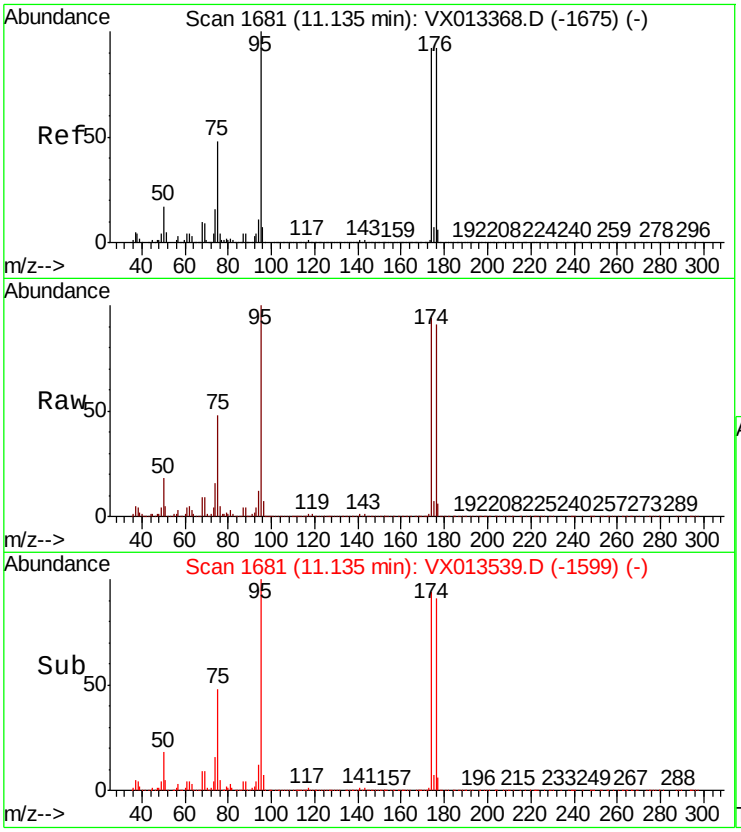


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013539.D
Acq: 22 Nov 2019 17:31

Tgt Ion:117 Resp: 482324

Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.7	65.5
119	32.6	25.5	38.3



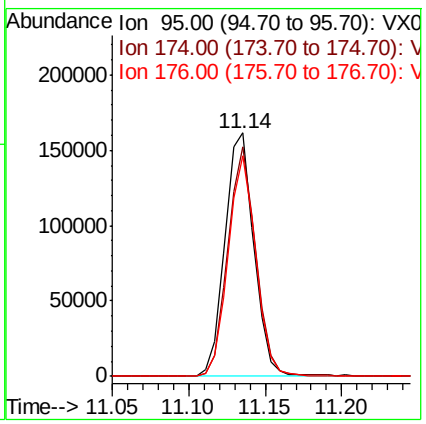


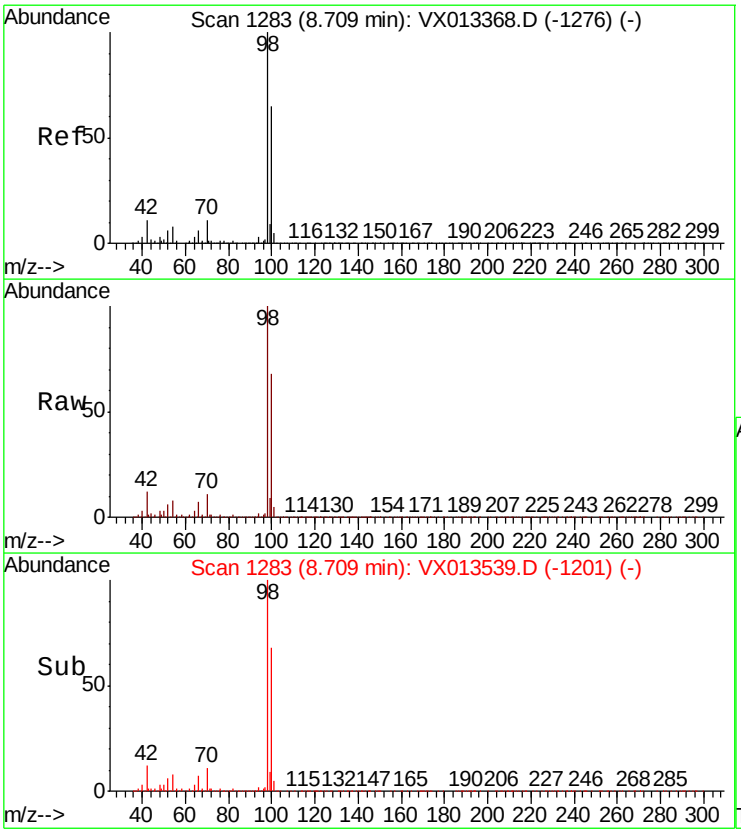
#60
4-Bromofluorobenzene
Concen: 27.358 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013539.D
Acq: 22 Nov 2019 17:31

Instrument :
MSVOA_X
ClientSampleId :
14B-1

Tgt Ion: 95 Resp: 212087

Ion	Ratio	Lower	Upper
95	100		
174	90.1	70.2	105.2
176	86.7	68.3	102.5

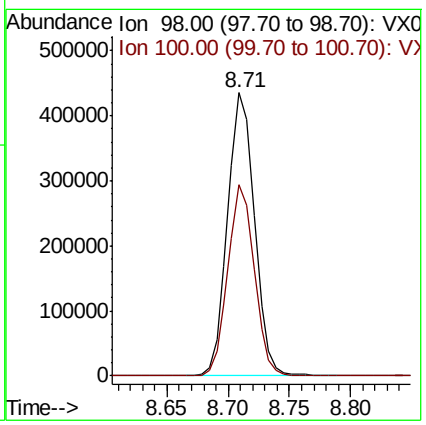


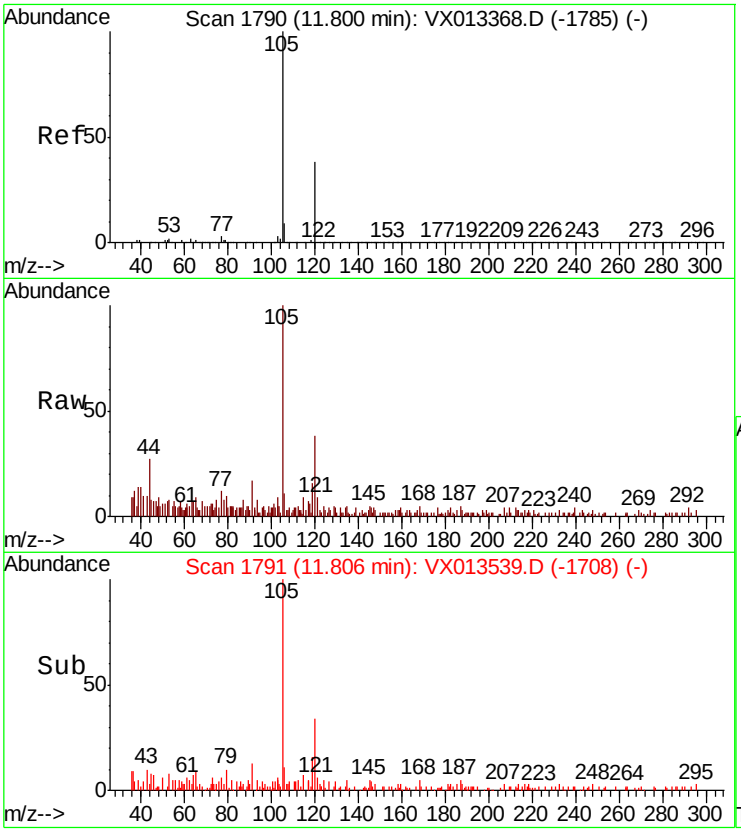


#63
Toluene-d8
Concen: 30.329 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013539.D
Acq: 22 Nov 2019 17:31

Tgt Ion: 98 Resp: 661497

Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.5	78.7





#80
1,2,4-Trimethylbenzene
Concen: 0.236 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013539.D
Acq: 22 Nov 2019 17:31

Instrument :
MSVOA_X
ClientSampleId :
14B-1

Tgt Ion:105 Resp: 5724

Ion	Ratio	Lower	Upper
105	100		
120	48.5	0.0	94.0