Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112719\
Data File : VX013654.D
Acq On : 27 Nov 2019 16:09
Operator : JC/SP
Sample : K5960-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Nov 28 00:34:25 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	5.00	128	107690	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.85	114	611521	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.10	117	533753	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.05	65	232569	29.25	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 97.50%				
60) 4-Bromofluorobenzene	11.13	95	237809	27.72	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 92.40%				
63) Toluene-d8	8.71	98	714721	29.61	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 98.70%				
Target Compounds							Qvalue
15) Acetone	2.43	58	1979	1.525	ug/l		92
18) Methylene Chloride	2.85	84	1968	0.261	ug/l	#	73
23) tert-Butyl Alcohol	3.00	59	13286	6.442	ug/l	#	99
25) Chloroform	5.20	83	284479	22.644	ug/l		96
41) Bromodichloromethane	7.89	83	42966	4.515	ug/l		98
45) 1,4-Dioxane	7.73	88	293	1.468	ug/l	#	18
53) Dibromochloromethane	9.57	129	3524	0.461	ug/l		98
58) 4-Methyl-2-Pentanone	8.63	43	4308	0.386	ug/l	#	59

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

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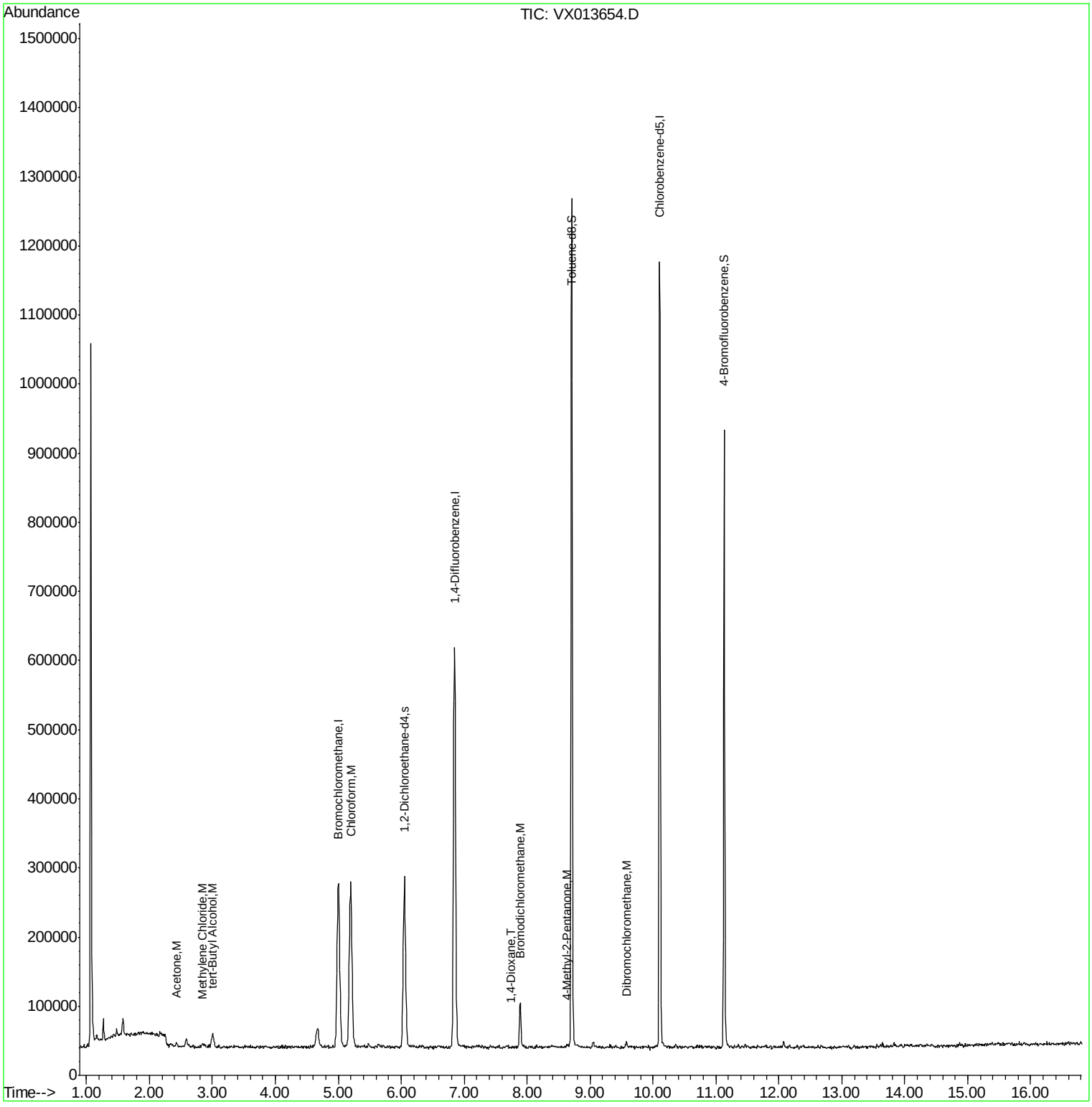
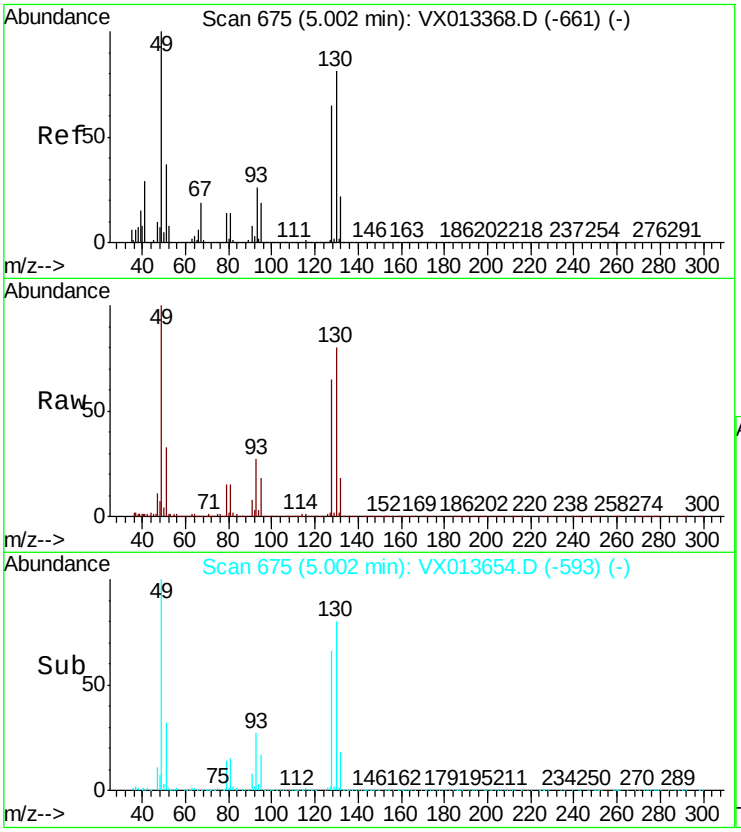


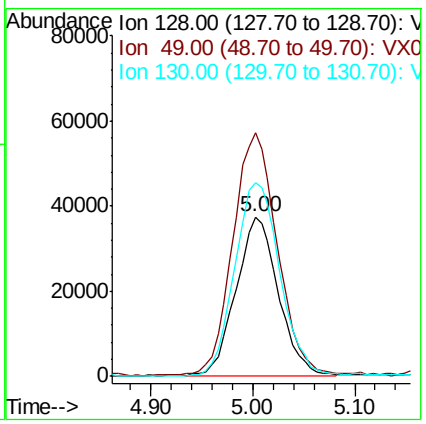


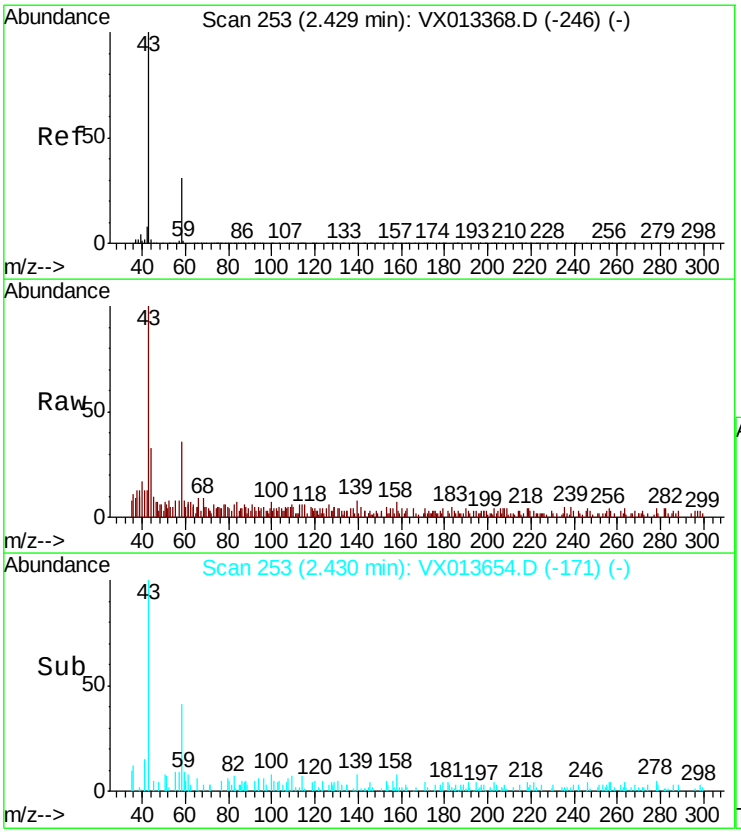
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013654.D
Acq: 27 Nov 2019 16:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 107690

Ion	Ratio	Lower	Upper
128	100		
49	160.0	0.0	388.3
130	130.7	0.0	318.5

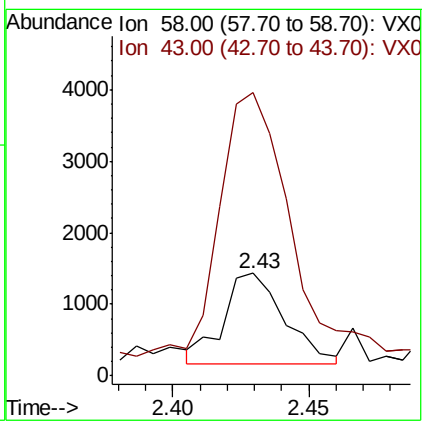


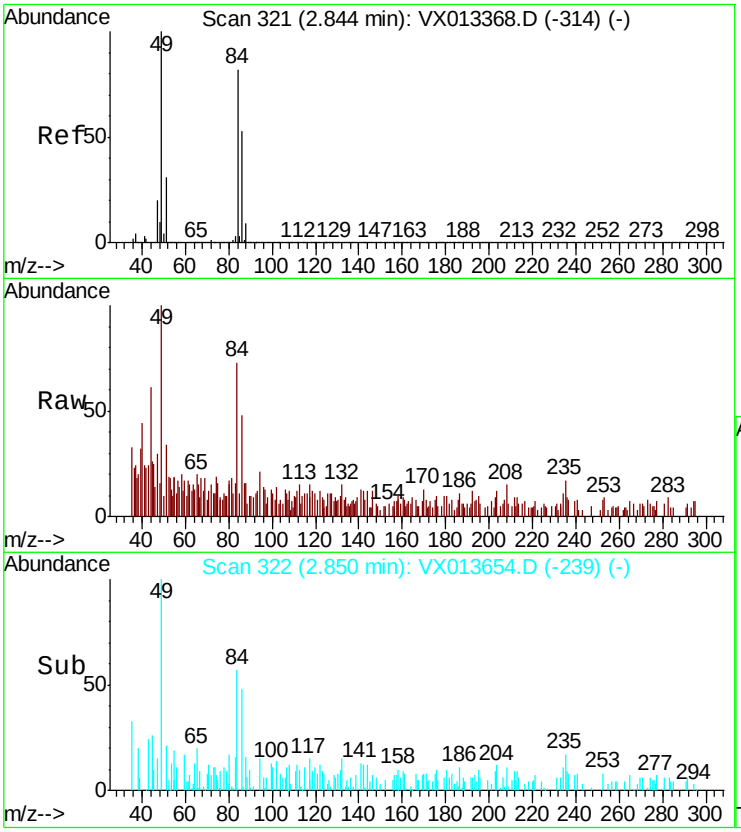


#15
Acetone
Concen: 1.525 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013654.D
Acq: 27 Nov 2019 16:09

Tgt Ion: 58 Resp: 1979

Ion	Ratio	Lower	Upper
58	100		
43	309.4	261.4	392.2



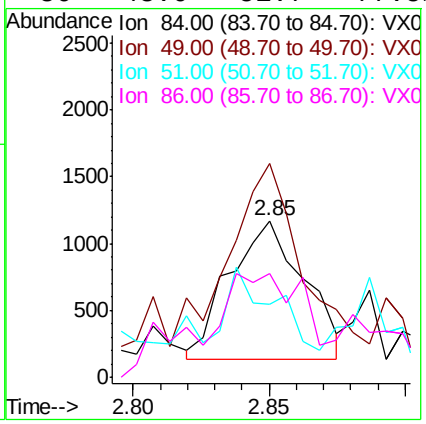


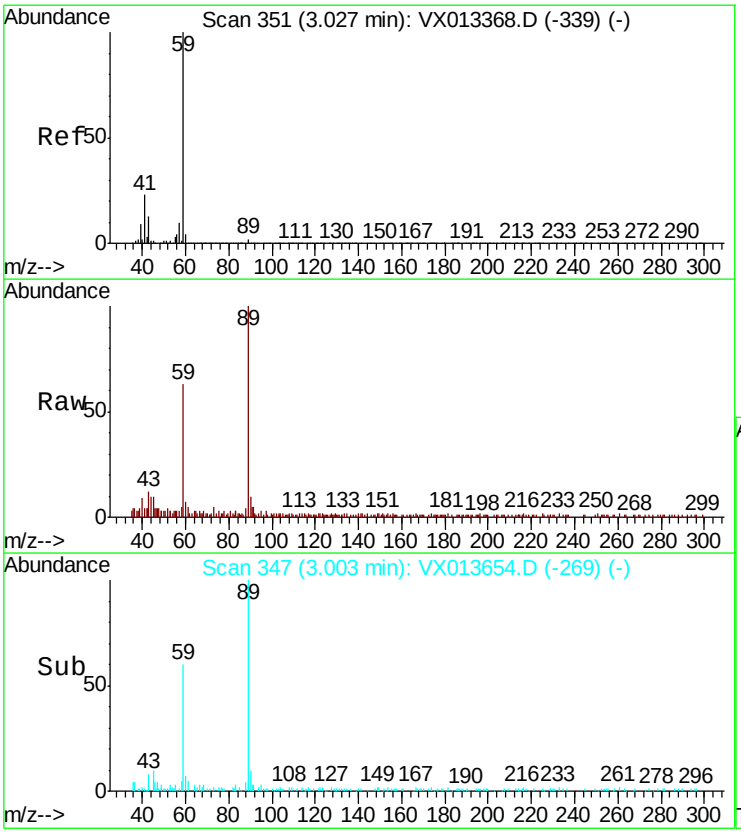
#18
Methylene Chloride
Concen: 0.261 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013654.D
Acq: 27 Nov 2019 16:09

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 1968

Ion	Ratio	Lower	Upper
84	100		
49	95.0	96.8	145.2#
51	14.9	30.0	45.0#
86	43.0	51.7	77.5#

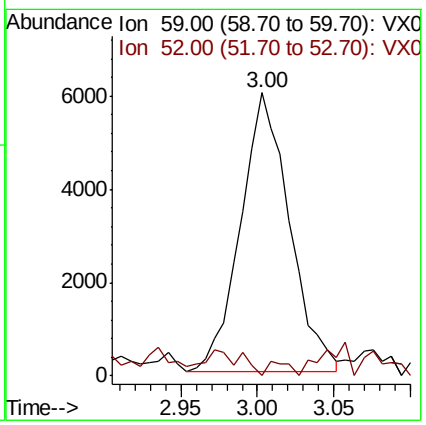


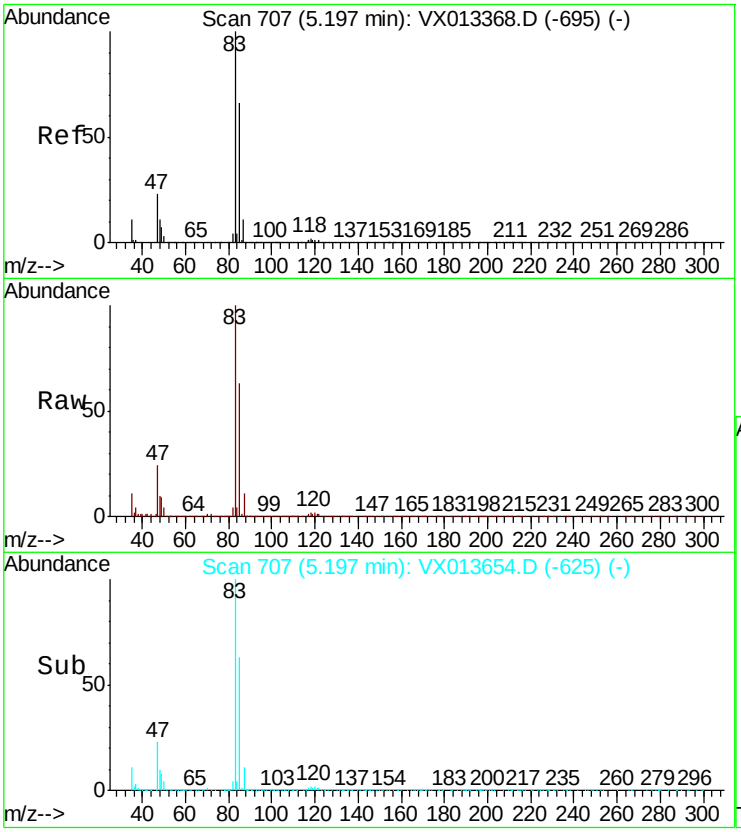


#23
tert-Butyl Alcohol
Concen: 6.442 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.02 min
Lab File: VX013654.D
Acq: 27 Nov 2019 16:09

Tgt Ion: 59 Resp: 13286

Ion	Ratio	Lower	Upper
59	100		
52	2.4	0.1	0.1#



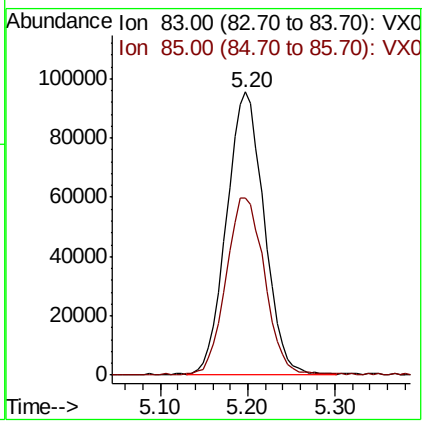


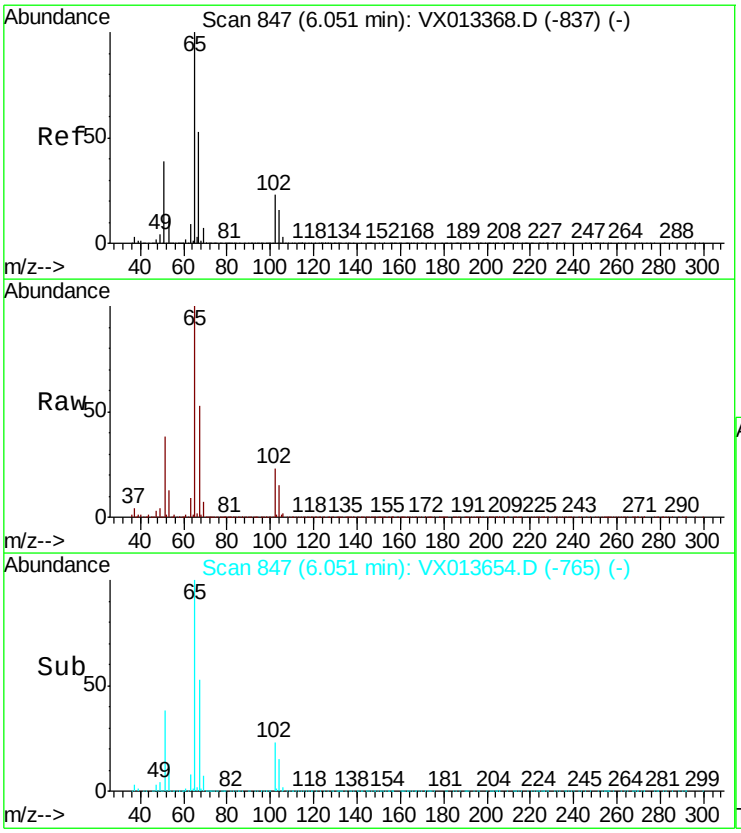
#25
Chloroform
Concen: 22.644 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013654.D
Acq: 27 Nov 2019 16:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 284479

Ion	Ratio	Lower	Upper
83	100		
85	62.3	52.4	78.6

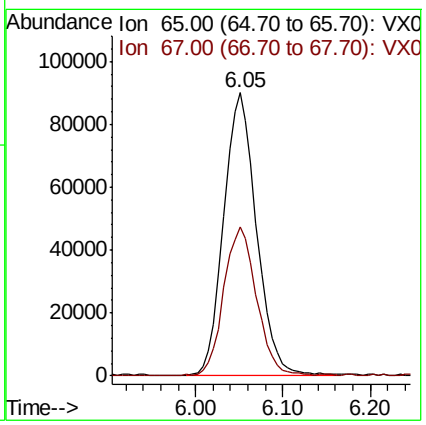


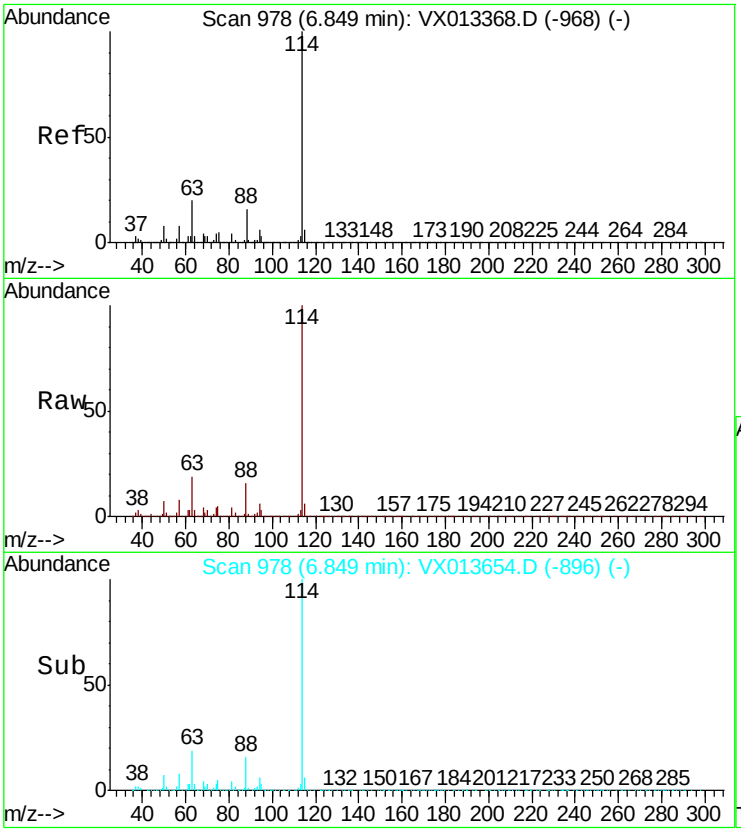


#27
1,2-Dichloroethane-d4
Concen: 29.246 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013654.D
Acq: 27 Nov 2019 16:09

Tgt Ion: 65 Resp: 232569

Ion	Ratio	Lower	Upper
65	100		
67	52.0	41.0	61.6



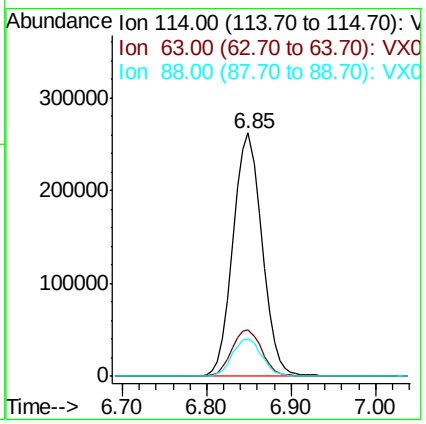


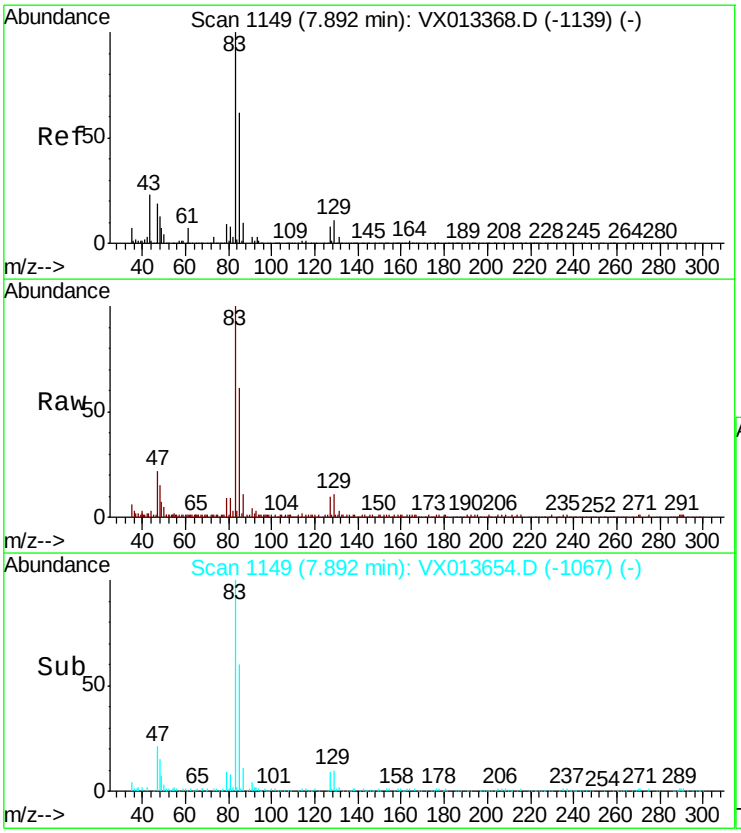
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013654.D
Acq: 27 Nov 2019 16:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 611521

Ion	Ratio	Lower	Upper
114	100		
63	19.7	16.1	24.1
88	15.4	12.3	18.5

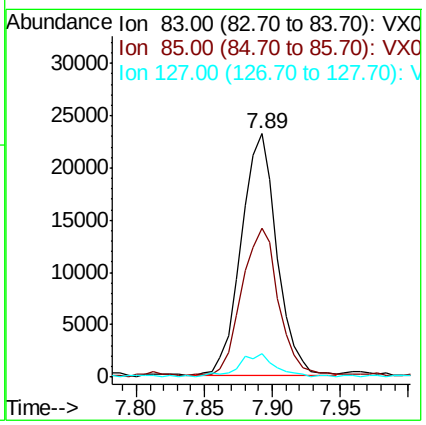


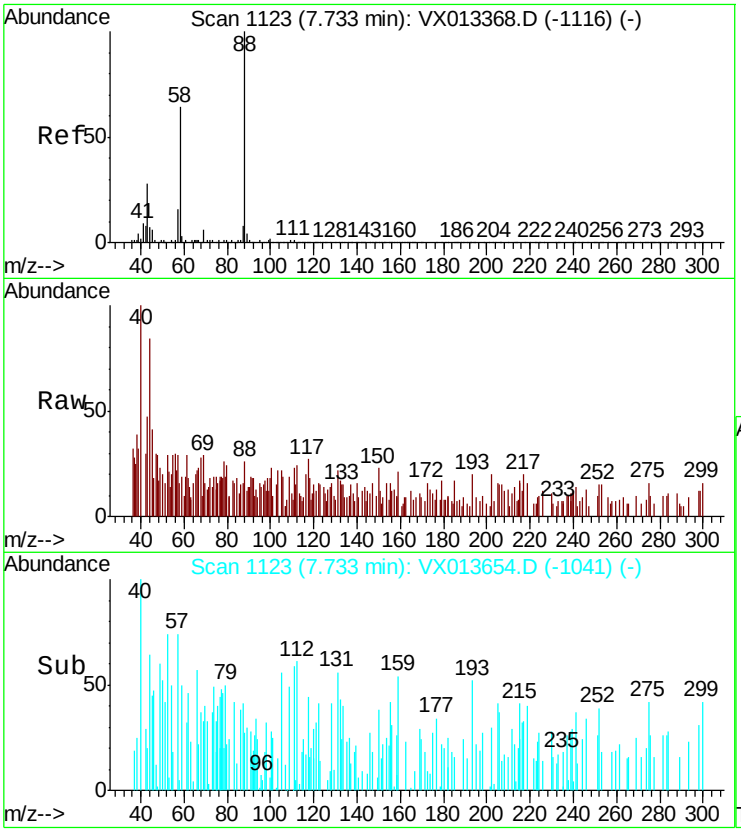


#41
Bromodichloromethane
Concen: 4.515 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX013654.D
Acq: 27 Nov 2019 16:09

Tgt Ion: 83 Resp: 42966

Ion	Ratio	Lower	Upper
83	100		
85	60.3	49.3	73.9
127	9.2	6.6	10.0



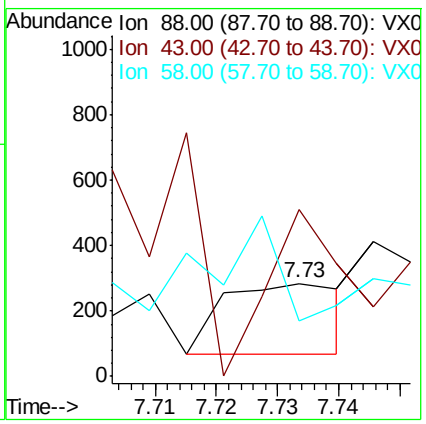


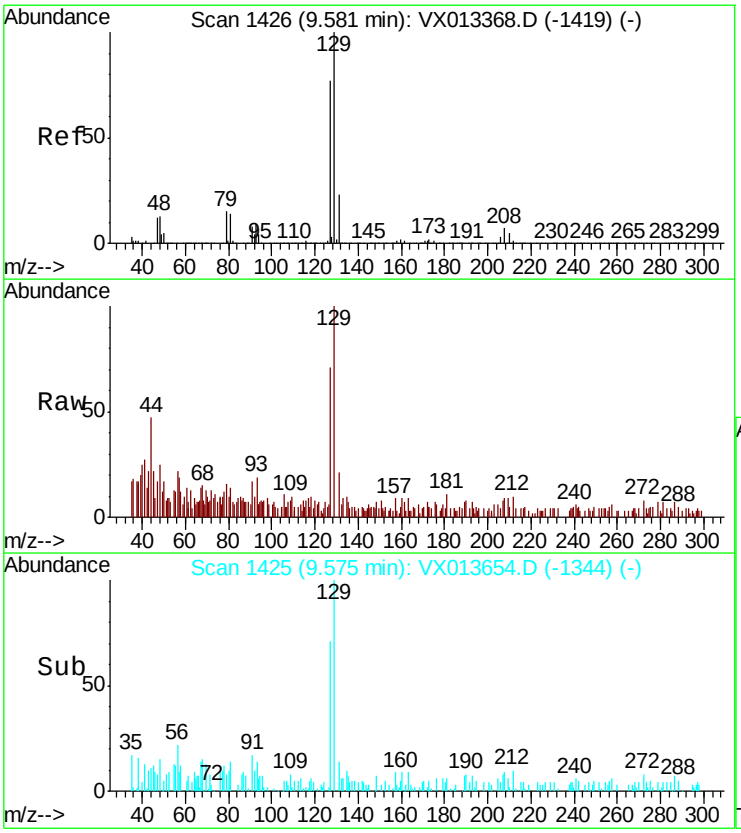
#45
1,4-Dioxane
Concen: 1.468 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013654.D
Acq: 27 Nov 2019 16:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 293

Ion	Ratio	Lower	Upper
88	100		
43	164.2	26.1	39.1#
58	79.2	55.8	83.8

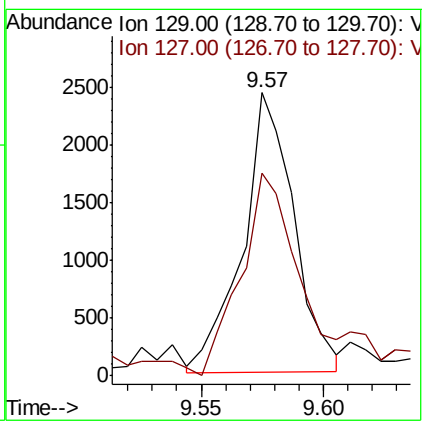


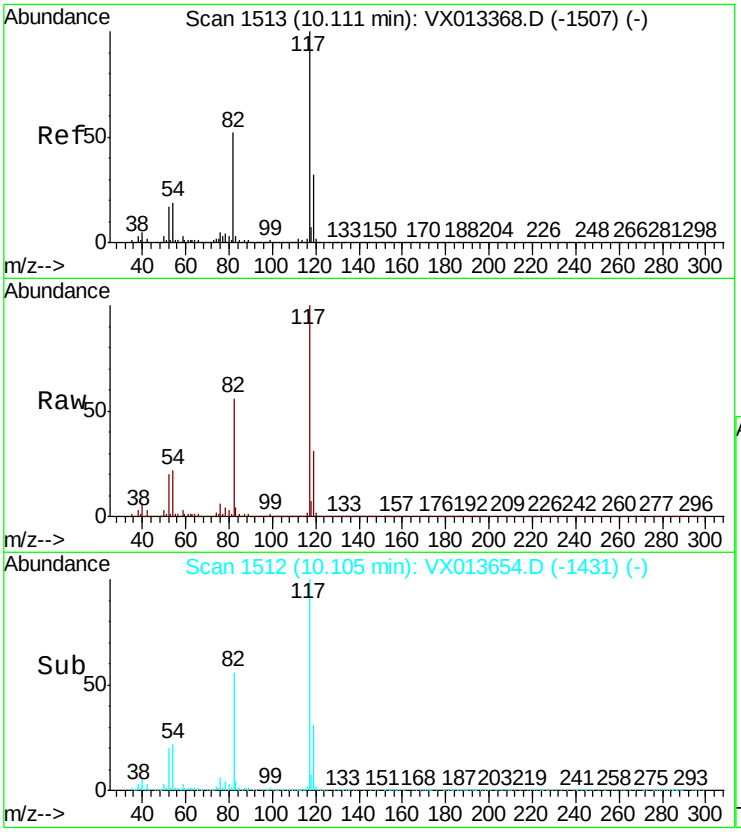


#53
Dibromochloromethane
Concen: 0.461 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013654.D
Acq: 27 Nov 2019 16:09

Tgt Ion:129 Resp: 3524

Ion	Ratio	Lower	Upper
129	100		
127	81.0	39.6	119.0



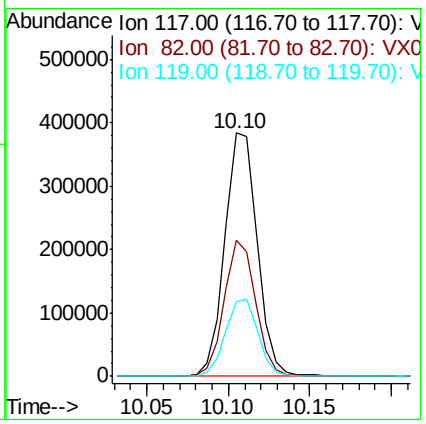


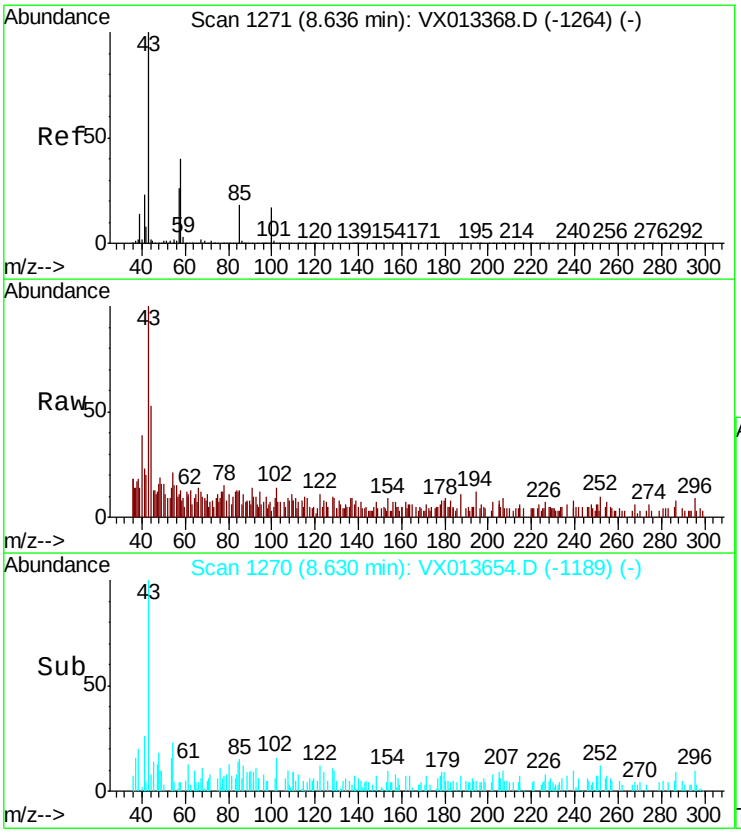
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013654.D
Acq: 27 Nov 2019 16:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 533753

Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.7	65.5
119	31.8	25.5	38.3

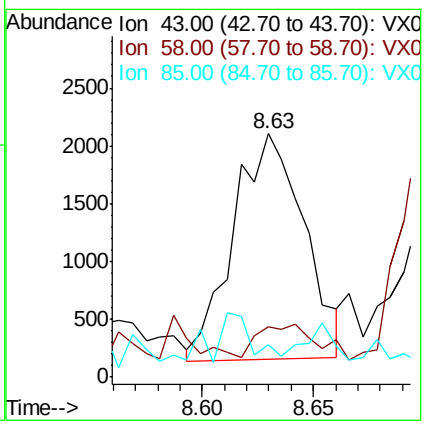


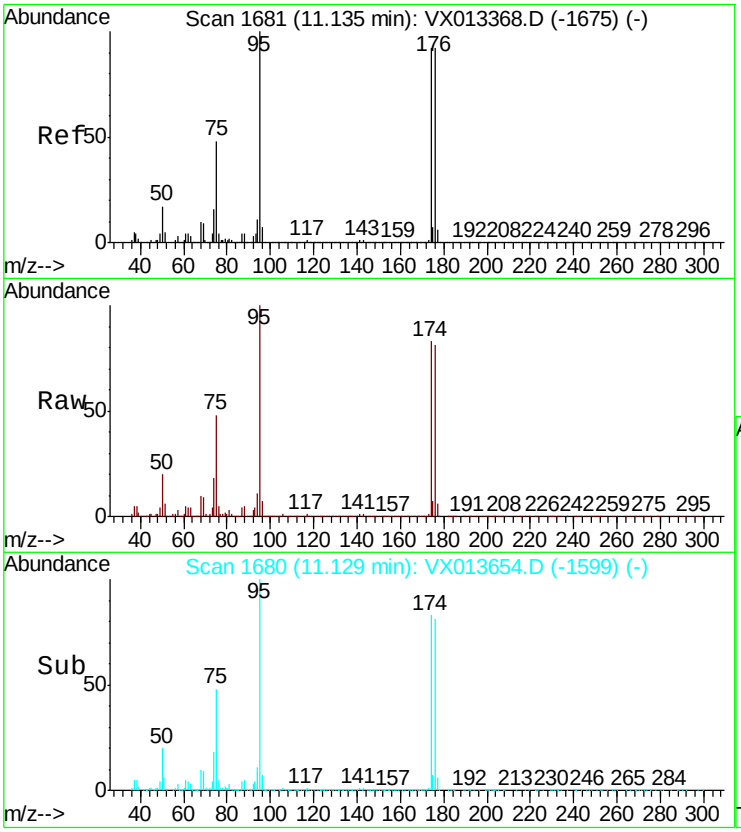


#58
4-Methyl-2-Pentanone
Concen: 0.386 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX013654.D
Acq: 27 Nov 2019 16:09

Tgt Ion: 43 Resp: 4308

Ion	Ratio	Lower	Upper
43	100		
58	10.5	31.6	47.4#
85	6.2	14.2	21.2#



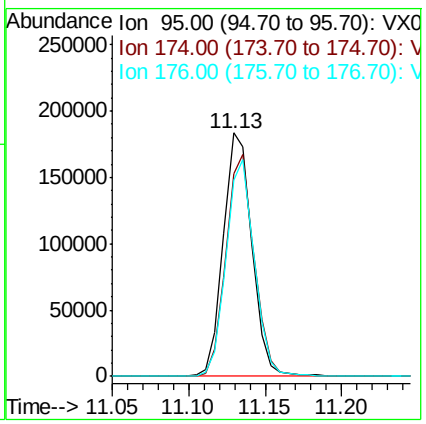


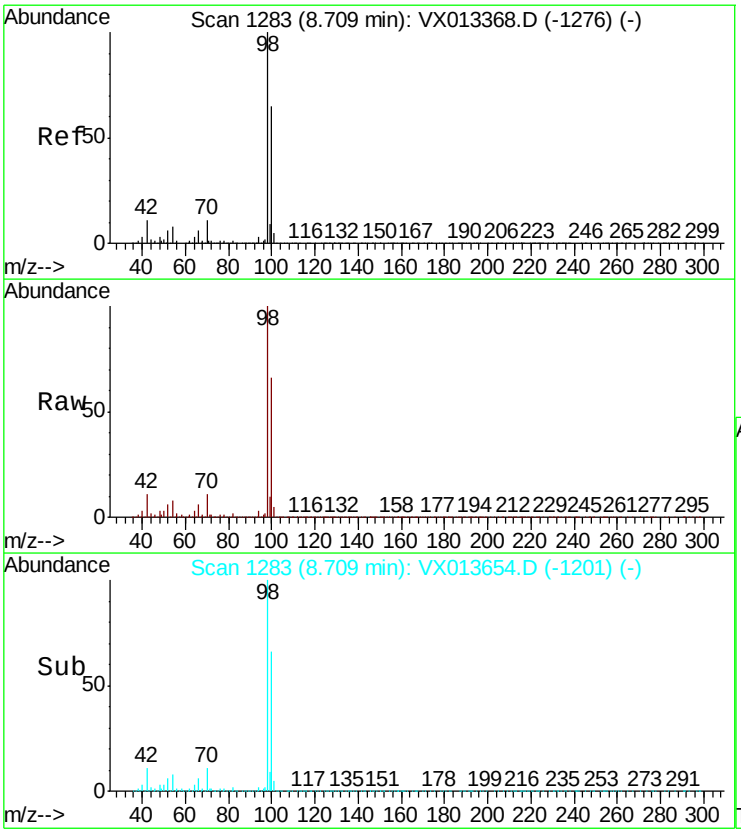
#60
4-Bromofluorobenzene
Concen: 27.720 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013654.D
Acq: 27 Nov 2019 16:09

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 237809

Ion	Ratio	Lower	Upper
95	100		
174	89.6	70.2	105.2
176	87.3	68.3	102.5





#63
Toluene-d8
Concen: 29.612 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013654.D
Acq: 27 Nov 2019 16:09

Tgt Ion: 98 Resp: 714721

Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.5	78.7