Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011620\
Data File : VX014635.D
Acq On : 16 Jan 2020 14:01
Operator : JC/SP
Sample : L1135-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TE-MW-D-1

Quant Time: Jan 17 06:22:02 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	5.01	128	71355	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	391135	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	349333	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	158096	31.52	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 105.07%			
60) 4-Bromofluorobenzene	11.13	95	150552	26.93	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 89.77%			
63) Toluene-d8	8.71	98	467947	29.66	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 98.87%			
Target Compounds						Qvalue
7) Trichlorofluoromethane	1.93	101	6489	0.967	ug/l	100
20) Diisopropyl ether	3.84	45	10025	0.693	ug/l #	74
24) Methyl tert-Butyl Ether	3.18	73	2780998	211.550	ug/l	99
37) Trichloroethene	7.21	130	37036	7.631	ug/l	95
61) Tetrachloroethene	9.33	164	64816	12.553	ug/l	96

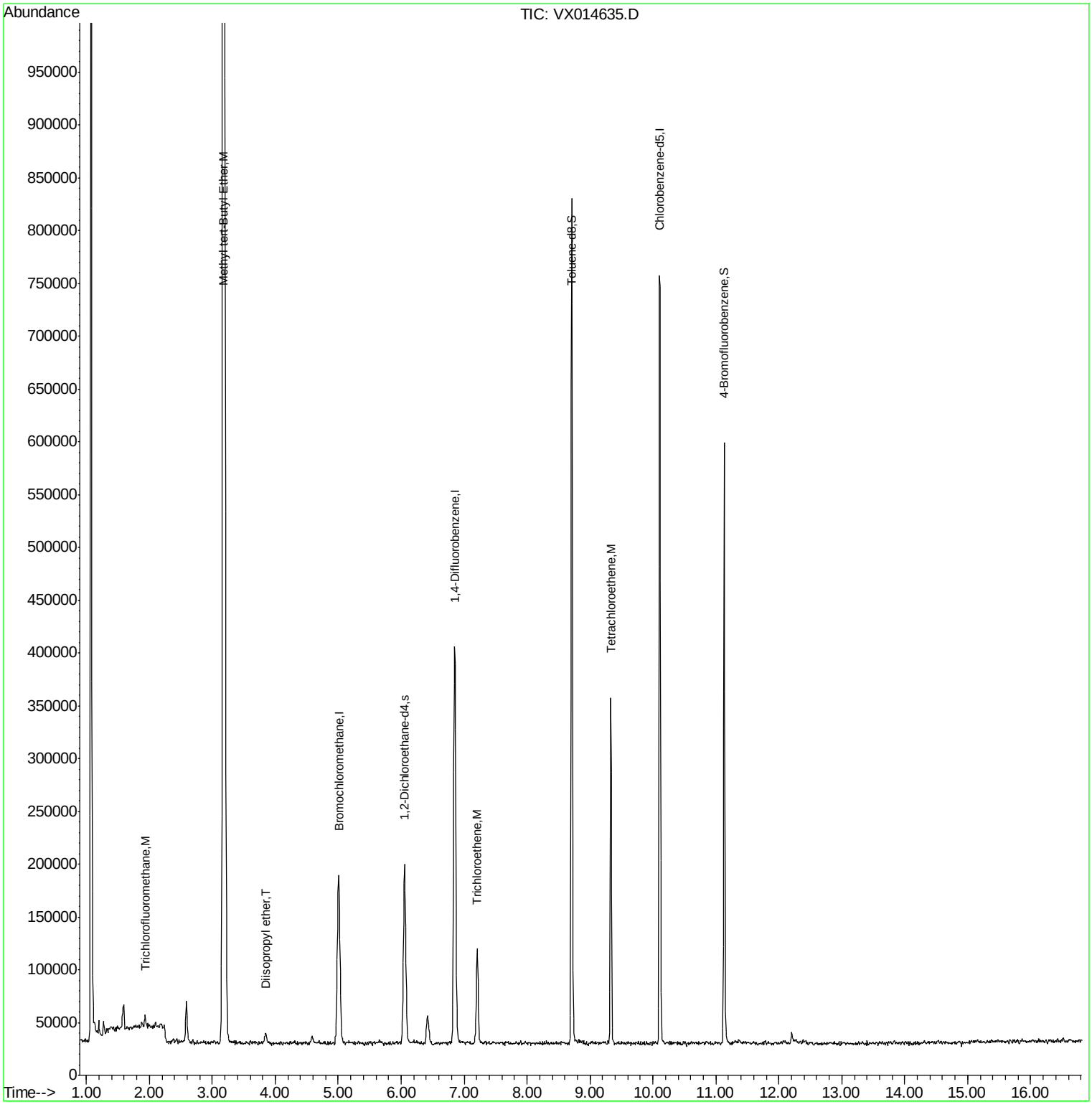
(#) = qualifier out of range (m) = manual integration (+) = signals summed

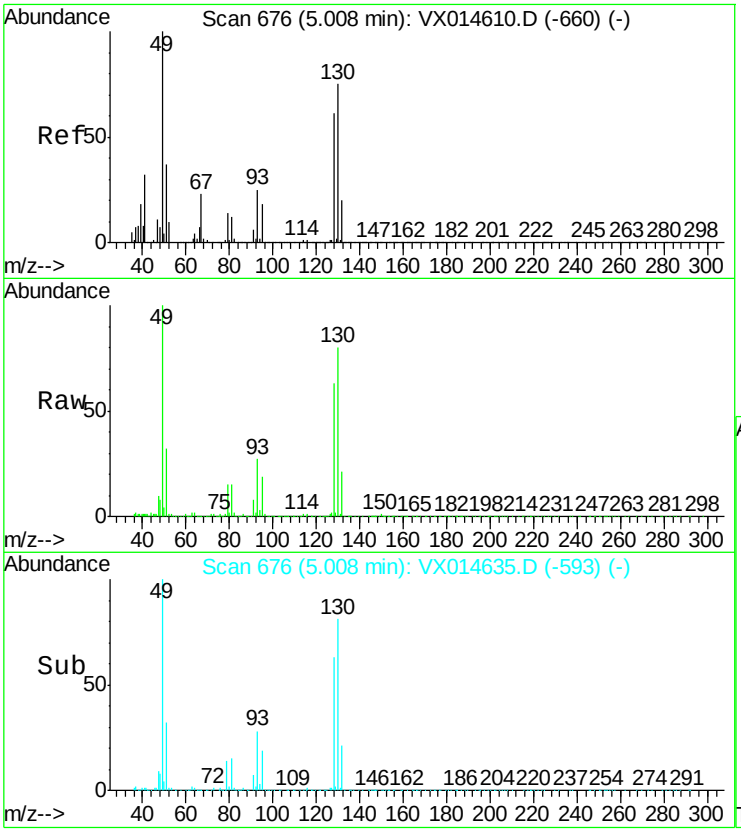
Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011620\
Data File : VX014635.D
Acq On : 16 Jan 2020 14:01
Operator : JC/SP
Sample : L1135-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TE-MW-D-1

Quant Time: Jan 17 06:22:02 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



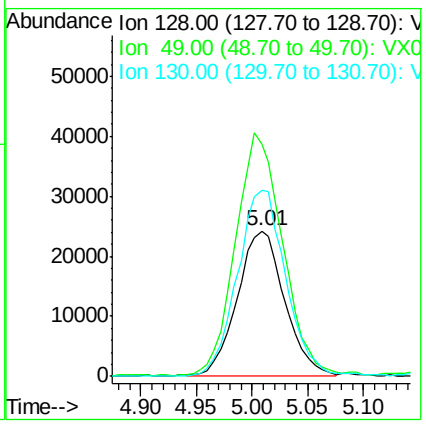


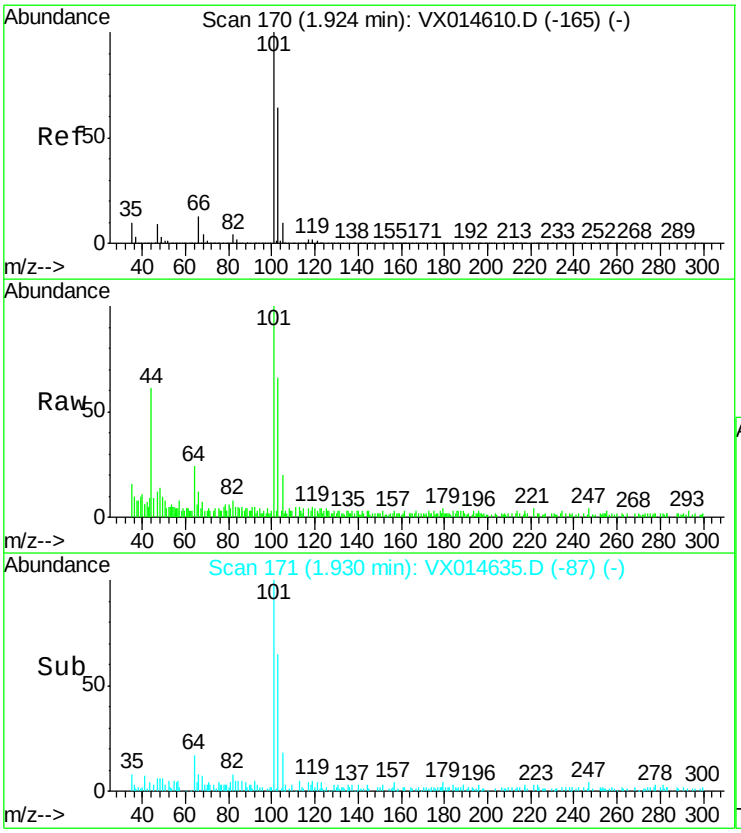
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014635.D
Acq: 16 Jan 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
TE-MW-D-1

Tgt Ion:128 Resp: 71355

Ion	Ratio	Lower	Upper
128	100		
49	166.3	0.0	405.0
130	131.5	0.0	321.5

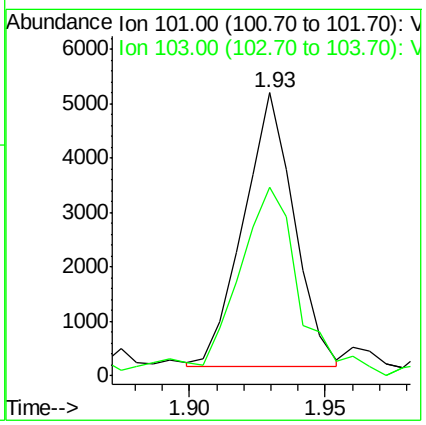


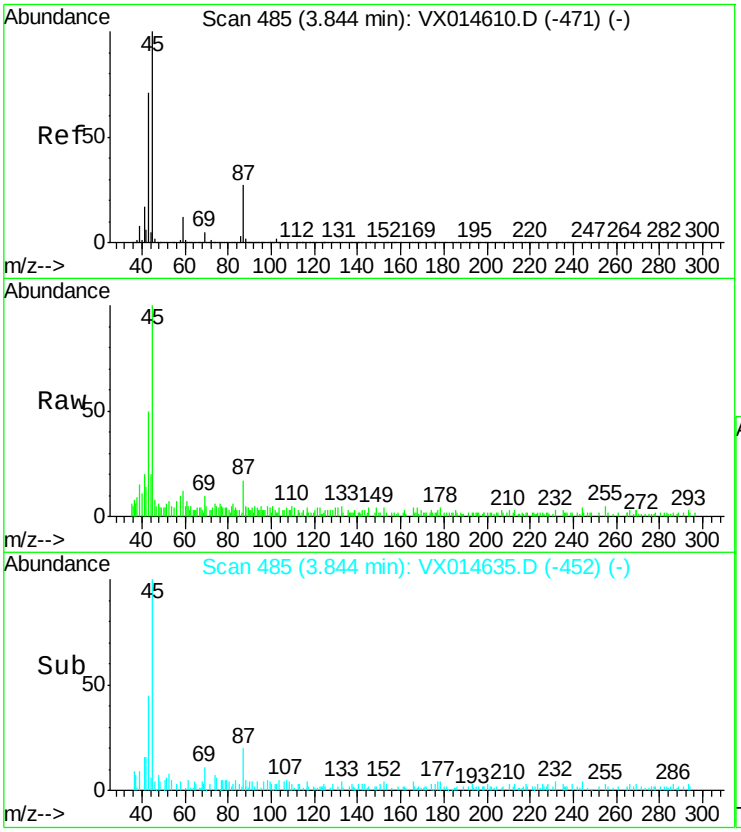


#7
Trichlorofluoromethane
Concen: 0.967 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX014635.D
Acq: 16 Jan 2020 14:01

Tgt Ion:101 Resp: 6489

Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.6	77.4



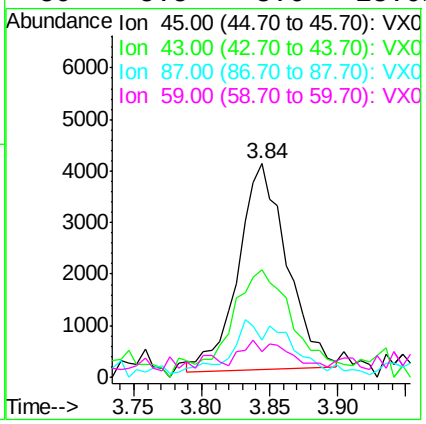


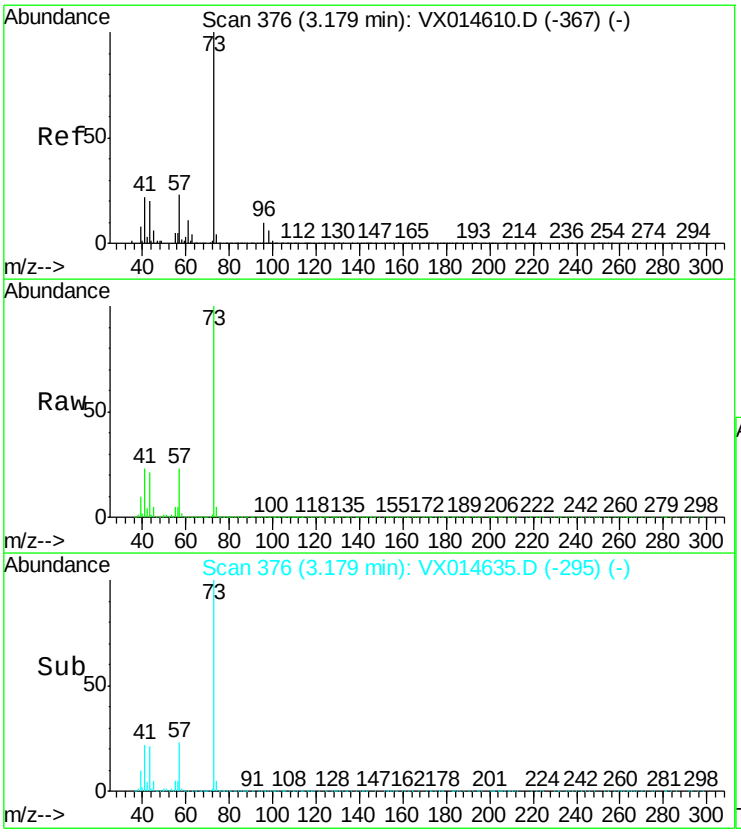
#20
Diisopropyl ether
Concen: 0.693 ug/l
RT: 3.84 min Scan# 485
Delta R.T. -0.00 min
Lab File: VX014635.D
Acq: 16 Jan 2020 14:01

Instrument : MSVOA_X
ClientSampleId : TE-MW-D-1

Tgt Ion: 45 Resp: 10025

Ion	Ratio	Lower	Upper
45	100		
43	46.7	55.9	83.9#
87	14.2	22.2	33.2#
59	5.5	8.6	13.0#

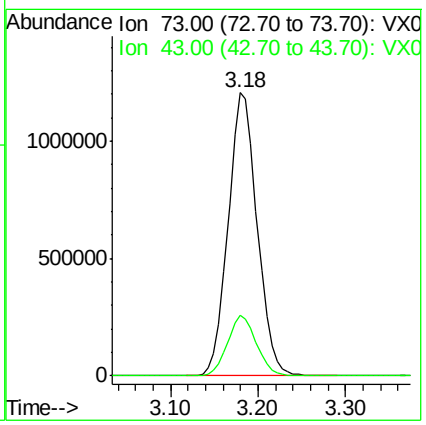


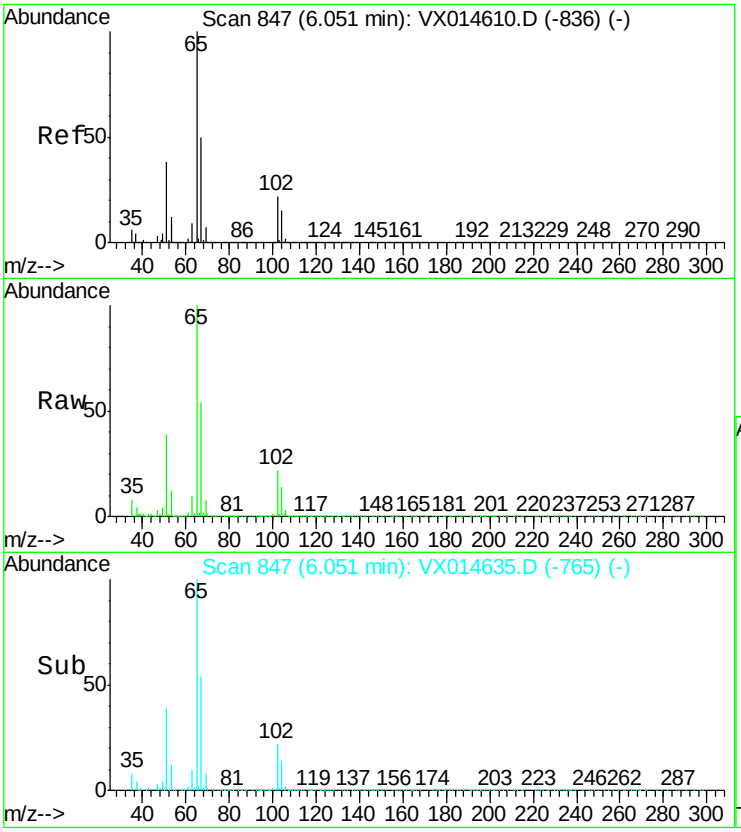


#24
Methyl tert-Butyl Ether
Concen: 211.550 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014635.D
Acq: 16 Jan 2020 14:01

Tgt Ion: 73 Resp: 2780998

Ion	Ratio	Lower	Upper
73	100		
43	21.2	16.6	25.0



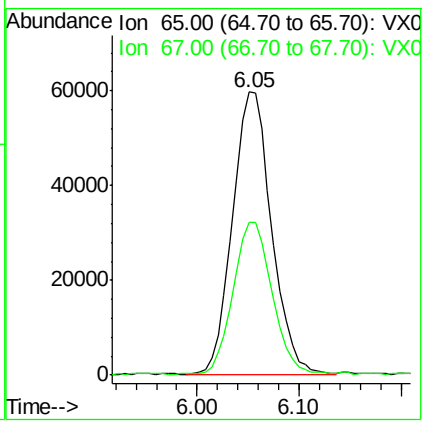


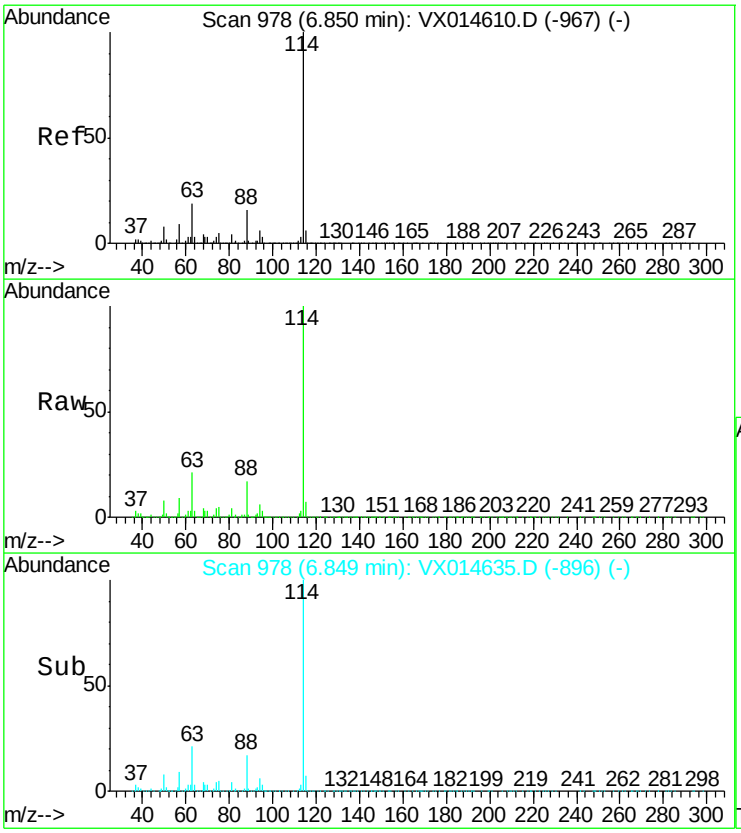
#27
1,2-Dichloroethane-d4
Concen: 31.522 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX014635.D
Acq: 16 Jan 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
TE-MW-D-1

Tgt Ion: 65 Resp: 158096

Ion	Ratio	Lower	Upper
65	100		
67	53.6	43.1	64.7

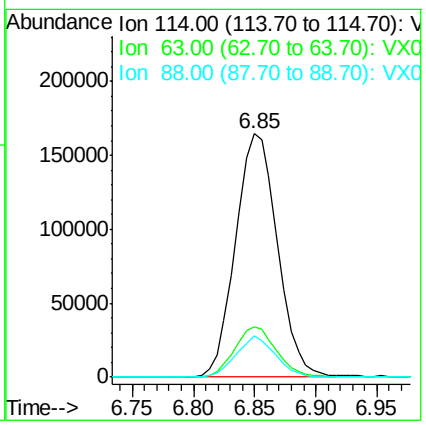


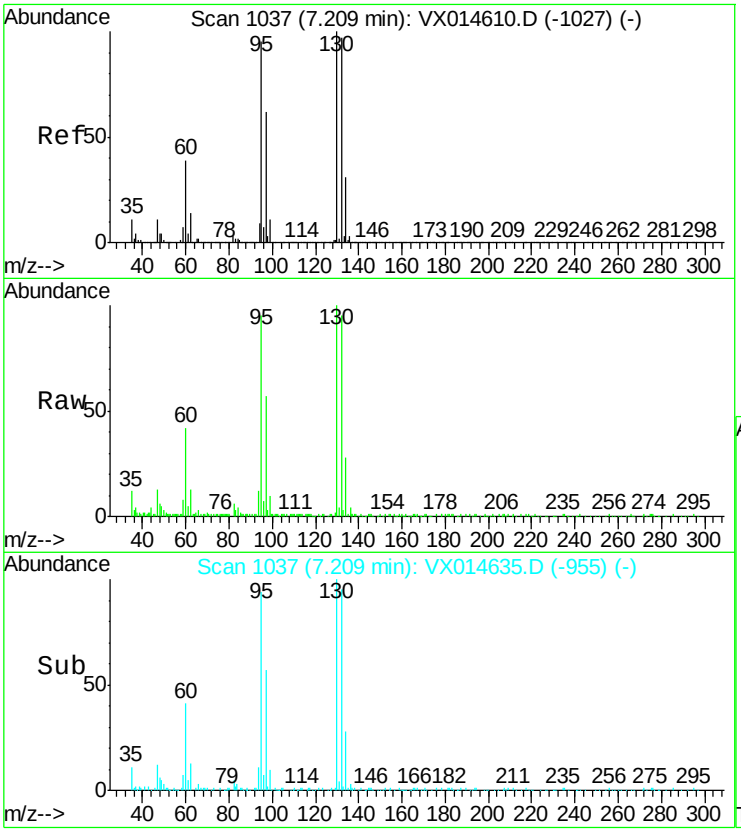


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX014635.D
Acq: 16 Jan 2020 14:01

Tgt Ion:114 Resp: 391135

Ion	Ratio	Lower	Upper
114	100		
63	20.6	16.1	24.1
88	15.7	12.5	18.7



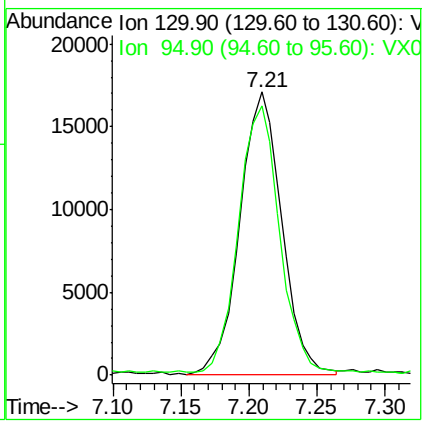


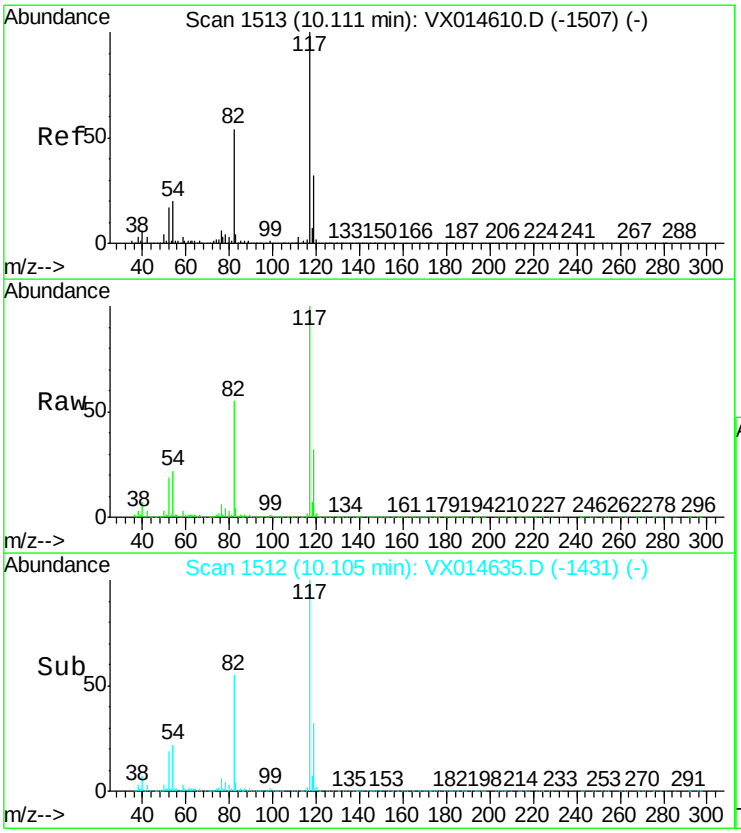
#37
Trichloroethene
Concen: 7.631 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VX014635.D
Acq: 16 Jan 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
TE-MW-D-1

Tgt Ion:130 Resp: 37036

Ion	Ratio	Lower	Upper
130	100		
95	93.9	71.7	107.5

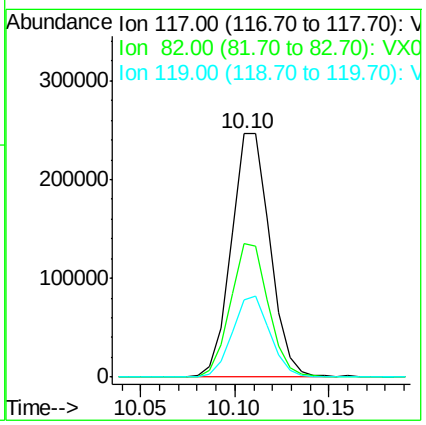


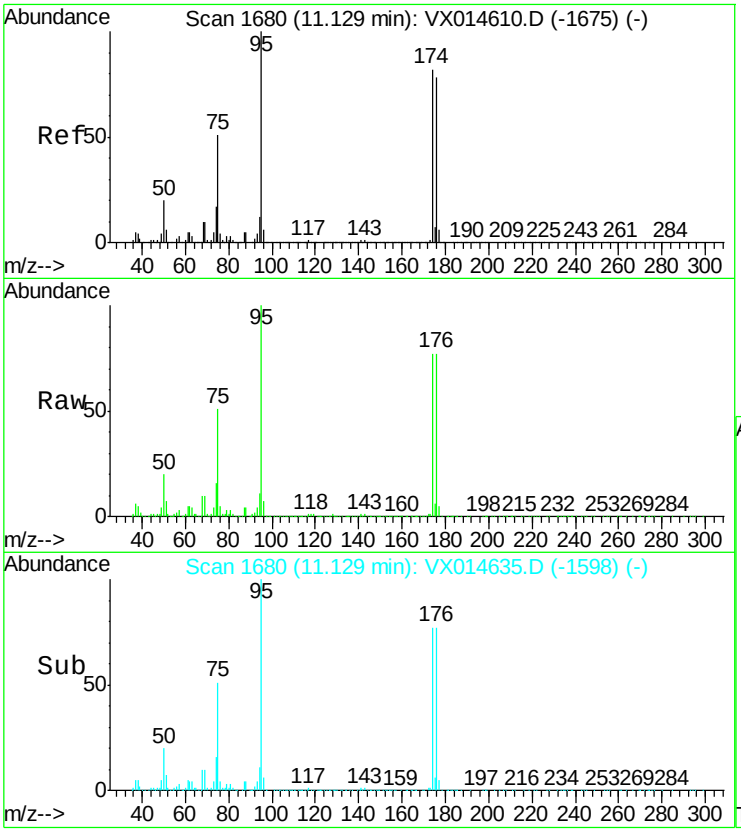


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014635.D
Acq: 16 Jan 2020 14:01

Tgt Ion:117 Resp: 349333

Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.8	65.6
119	32.3	25.8	38.6



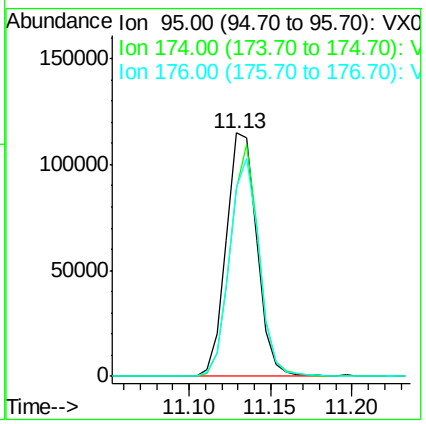


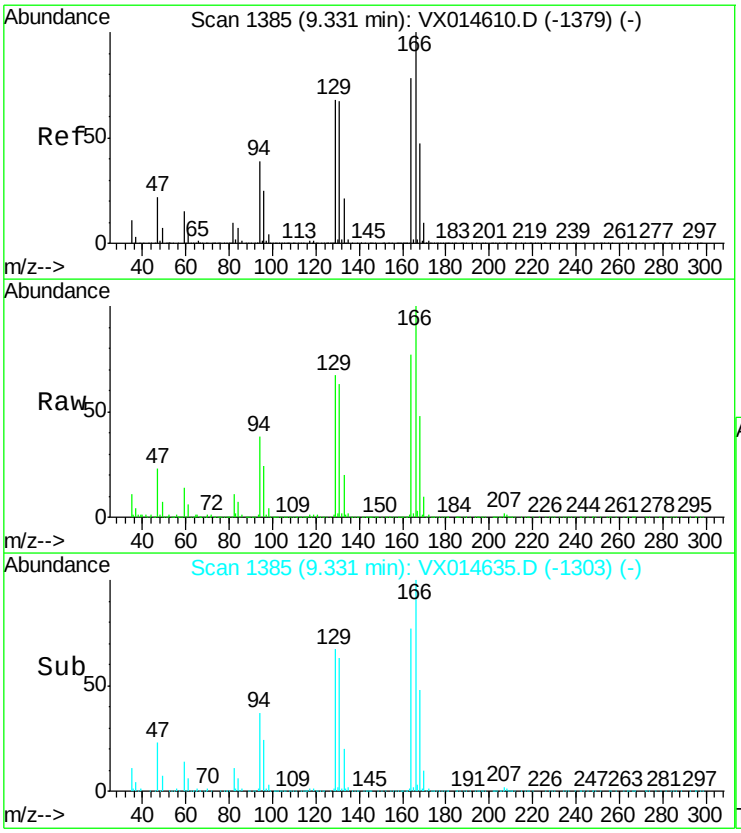
#60
4-Bromofluorobenzene
Concen: 26.932 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014635.D
Acq: 16 Jan 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
TE-MW-D-1

Tgt Ion: 95 Resp: 150552

Ion	Ratio	Lower	Upper
95	100		
174	88.5	70.2	105.2
176	86.4	68.3	102.5

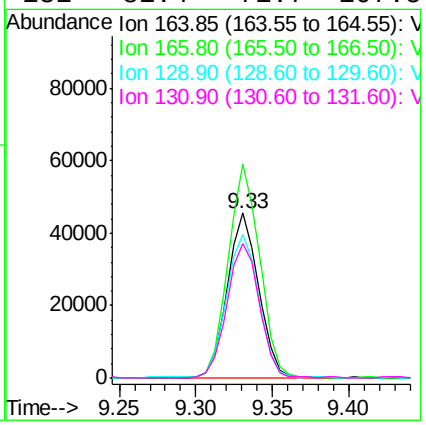


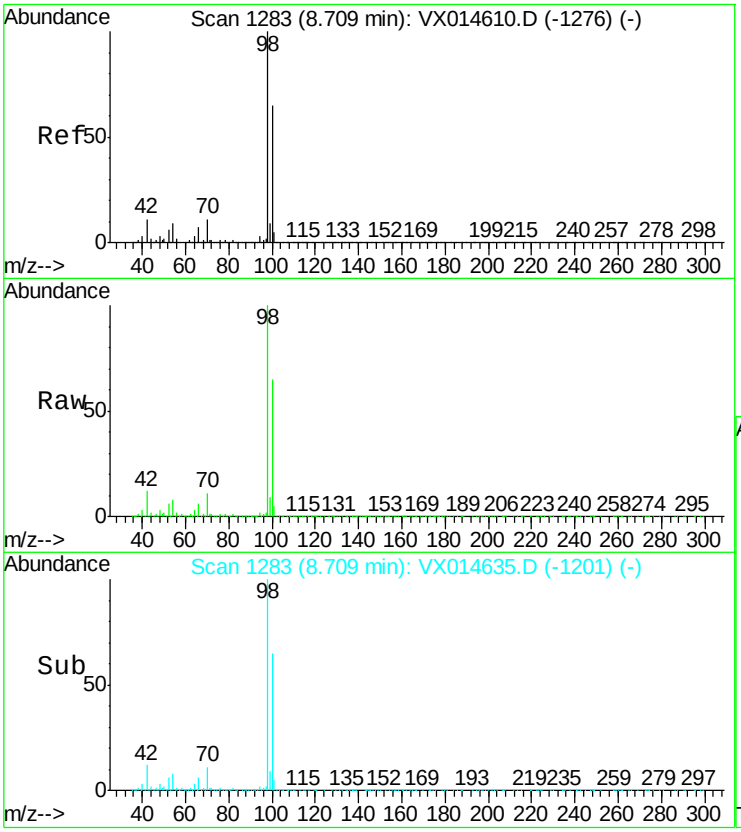


#61
Tetrachloroethene
Concen: 12.553 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014635.D
Acq: 16 Jan 2020 14:01

Tgt Ion:164 Resp: 64816

Ion	Ratio	Lower	Upper
164	100		
166	129.2	104.2	156.2
129	86.5	71.6	107.4
131	81.4	71.7	107.5





#63
Toluene-d8
Concen: 29.656 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014635.D
Acq: 16 Jan 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
TE-MW-D-1

Tgt Ion: 98 Resp: 467947

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.2