Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011620\
Data File : VX014630.D
Acq On : 16 Jan 2020 11:44
Operator : JC/SP
Sample : VX0116WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0116WBL01

Quant Time: Jan 17 05:52:40 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	80178	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.84	114	433401	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.11	117	384116	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.04	65	172637	30.63	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 102.10%				
60) 4-Bromofluorobenzene	11.13	95	164651	26.79	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 89.30%				
63) Toluene-d8	8.71	98	520897	30.02	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 100.07%				
Target Compounds							Qvalue
12) Methyl Acetate	2.44	43	2007	0.250	ug/l		94
13) Acrolein	2.28	56	667	0.792	ug/l		99
15) Acetone	2.44	58	354	0.385	ug/l		91
16) Carbon Disulfide	2.56	76	2737	0.225	ug/l	#	72
18) Methylene Chloride	2.86	84	3648	0.702	ug/l	#	70
23) tert-Butyl Alcohol	3.05	59	310	0.273	ug/l	#	62
45) 1,4-Dioxane	7.75	88	212	1.802	ug/l	#	1
55) 2-Chloroethyl vinyl ether	8.31	63	1344	0.376	ug/l	#	58
89) 1,2,4-Trichlorobenzene	13.64	180	1375	0.206	ug/l	#	64
90) Hexachlorobutadiene	13.78	225	678	0.203	ug/l		57

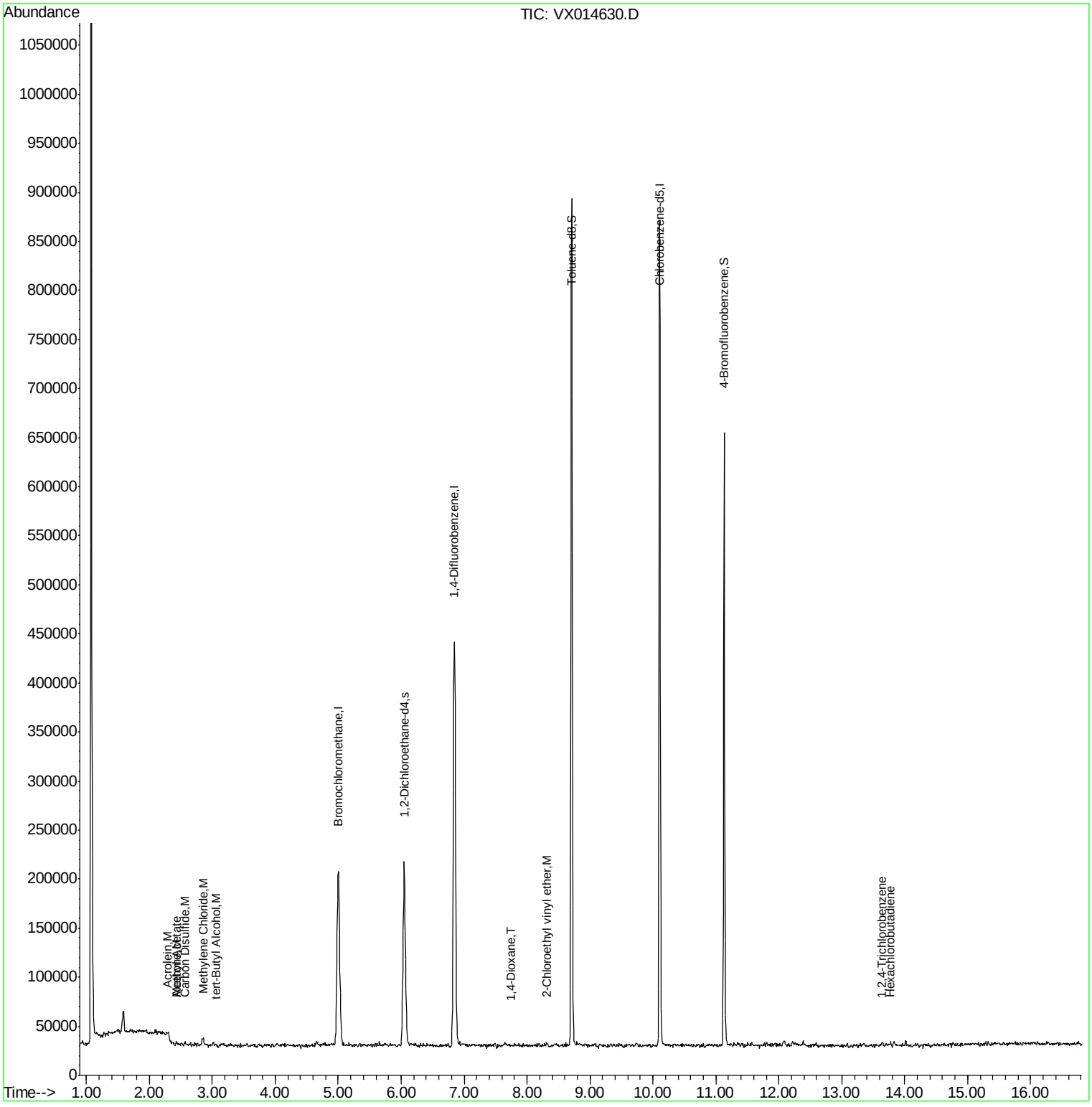
(#) = qualifier out of range (m) = manual integration (+) = signals summed

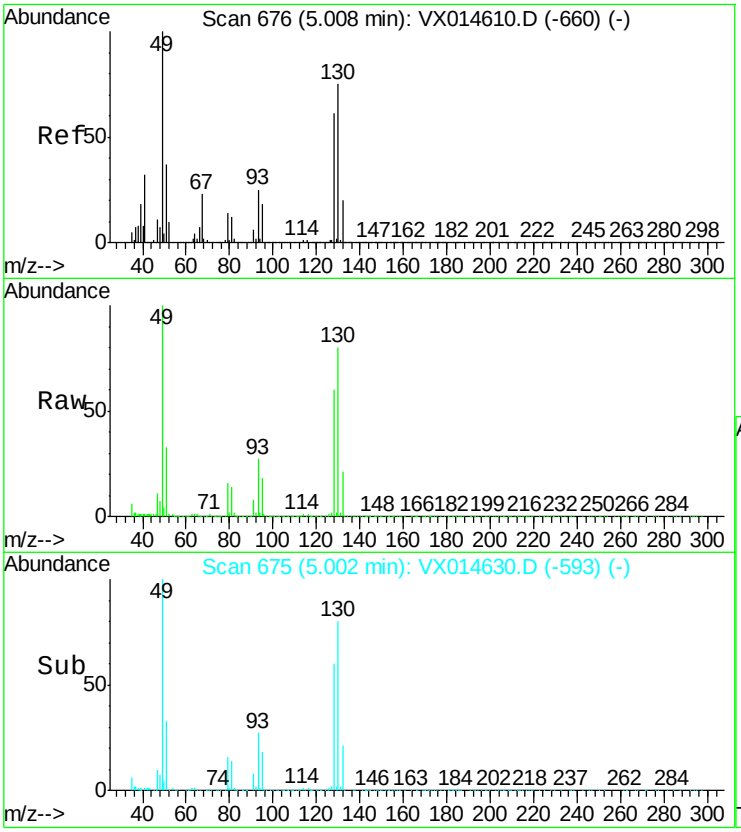
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011620\
Data File : VX014630.D
Acq On : 16 Jan 2020 11:44
Operator : JC/SP
Sample : VX0116WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBL01

Quant Time: Jan 17 05:52:40 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



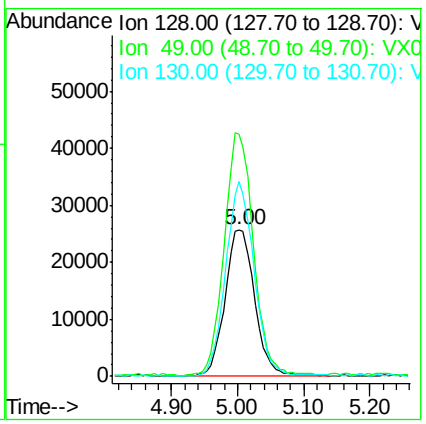


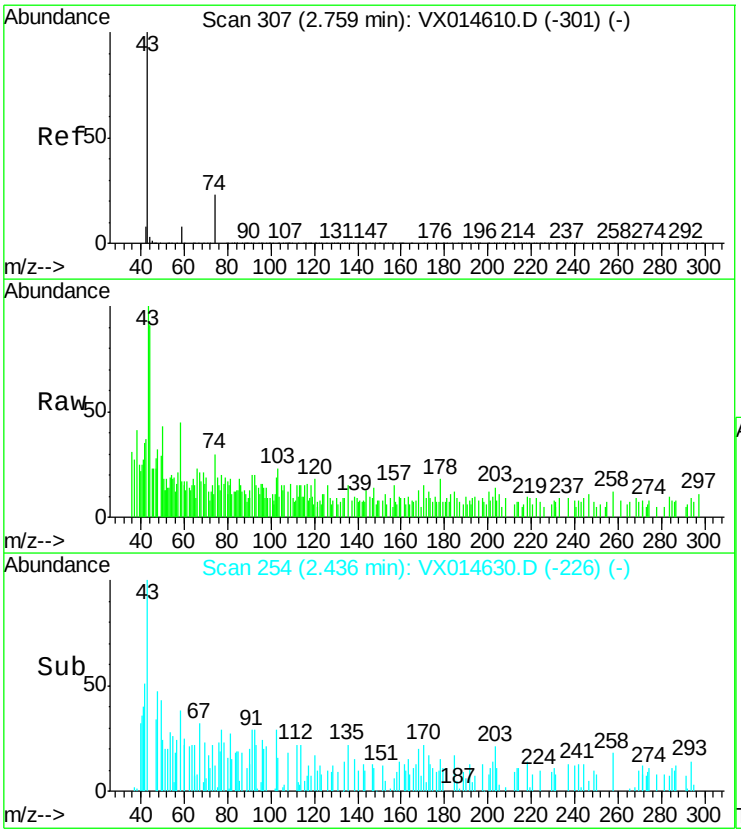
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014630.D
Acq: 16 Jan 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBL01

Tgt Ion:128 Resp: 80178

Ion	Ratio	Lower	Upper
128	100		
49	161.1	0.0	405.0
130	126.7	0.0	321.5

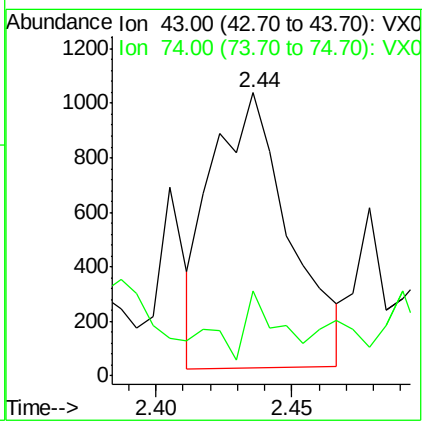


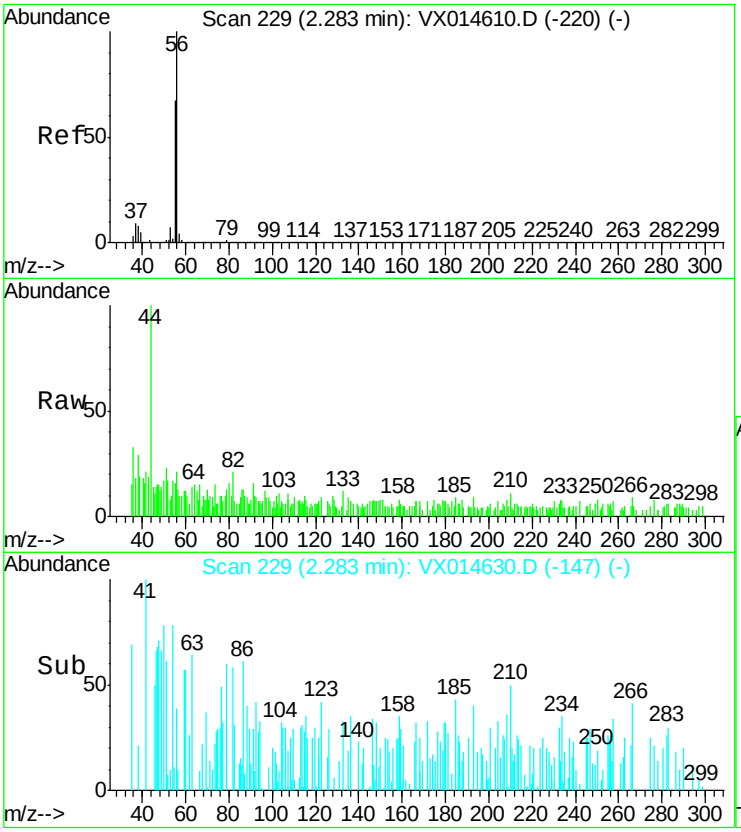


#12
Methyl Acetate
Concen: 0.250 ug/l
RT: 2.44 min Scan# 254
Delta R.T. -0.33 min
Lab File: VX014630.D
Acq: 16 Jan 2020 11:44

Tgt Ion: 43 Resp: 2007

Ion	Ratio	Lower	Upper
43	100		
74	20.2	18.5	27.7



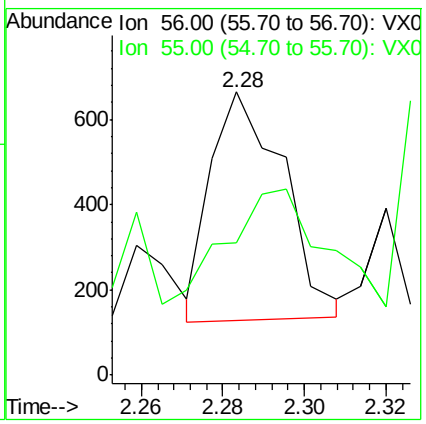


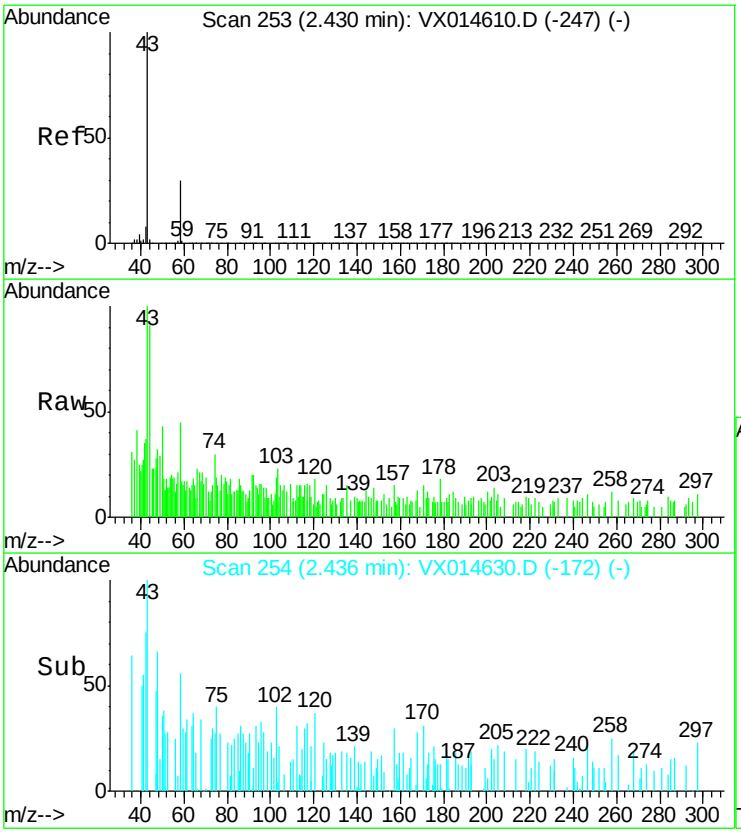
#13
Acrolein
Concen: 0.792 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014630.D
Acq: 16 Jan 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBL01

Tgt Ion: 56 Resp: 667

Ion	Ratio	Lower	Upper
56	100		
55	67.9	54.9	82.3

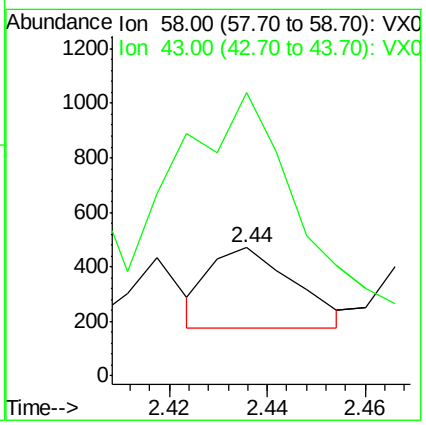


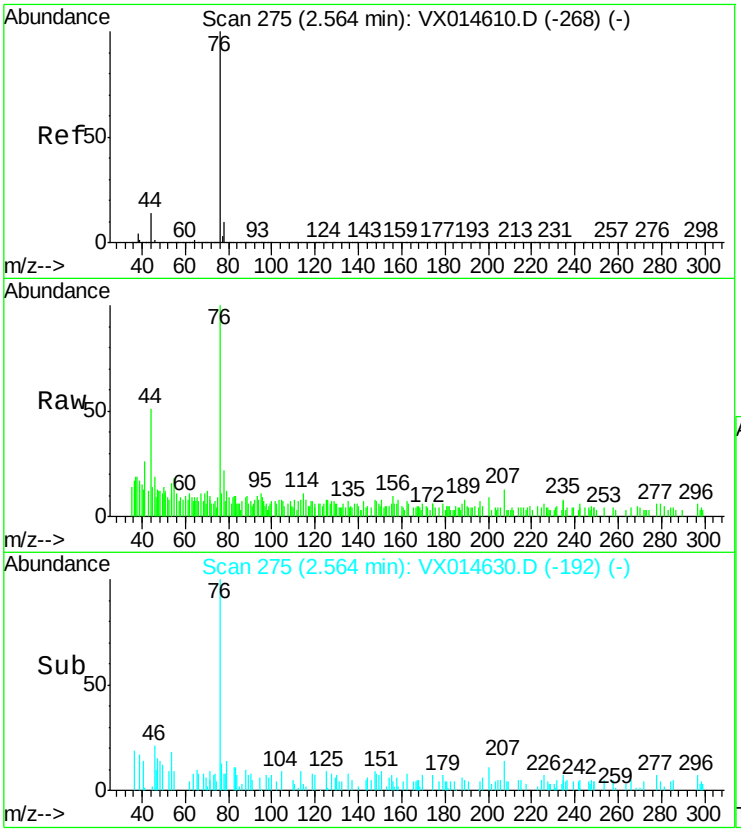


#15
Acetone
Concen: 0.385 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX014630.D
Acq: 16 Jan 2020 11:44

Tgt Ion: 58 Resp: 354

Ion	Ratio	Lower	Upper
58	100		
43	277.6	236.3	354.5



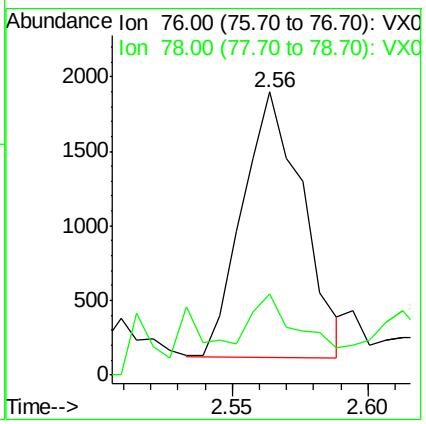


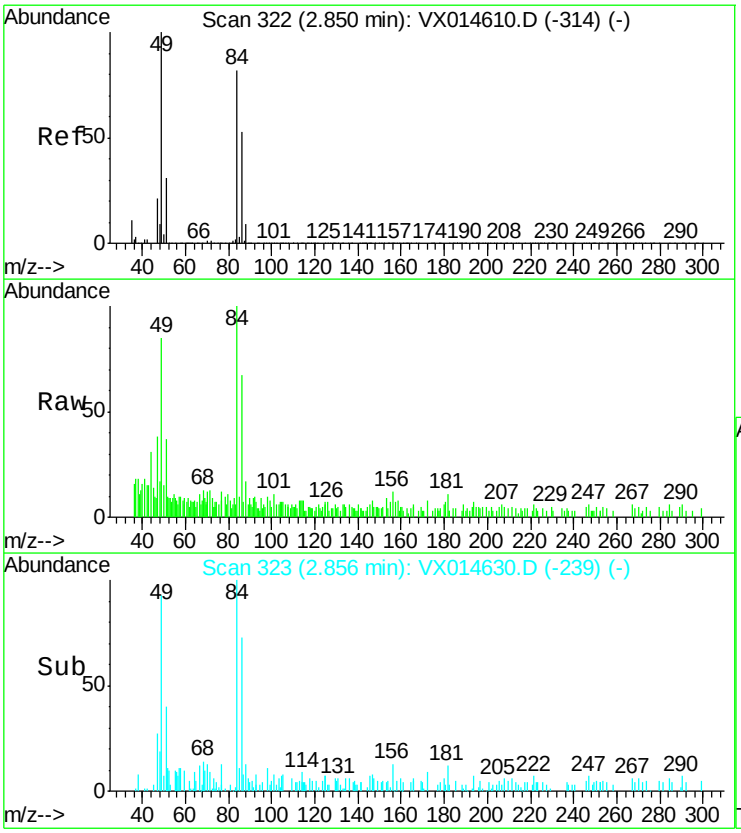
#16
Carbon Disulfide
Concen: 0.225 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014630.D
Acq: 16 Jan 2020 11:44

Instrument : MSVOA_X
ClientSampleId : VX0116WBL01

Tgt Ion: 76 Resp: 2737

Ion	Ratio	Lower	Upper
76	100		
78	20.3	7.8	11.8#

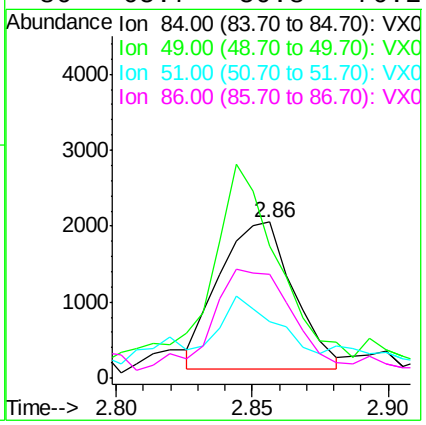


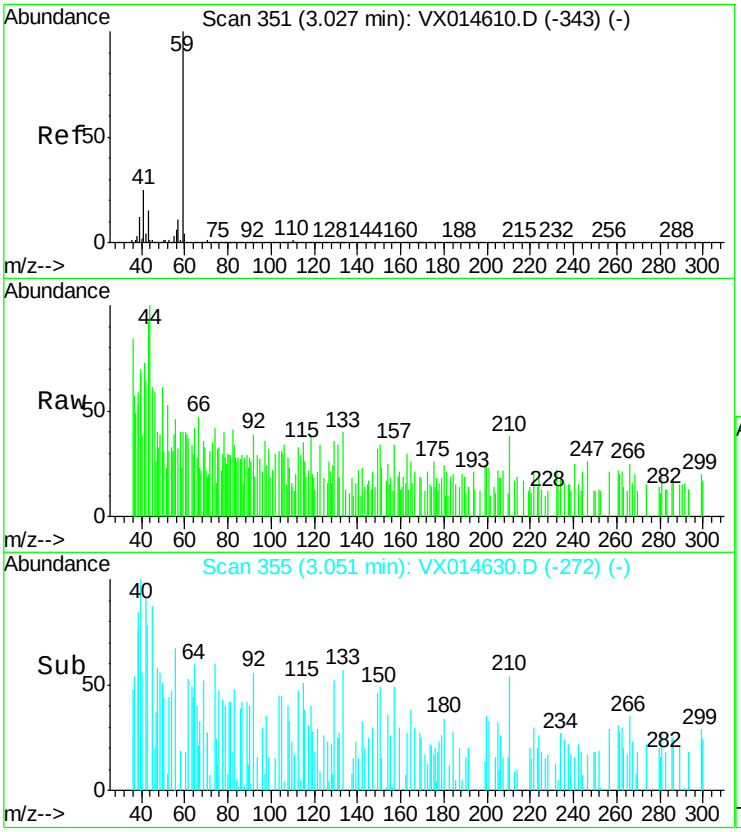


#18
Methylene Chloride
Concen: 0.702 ug/l
RT: 2.86 min Scan# 323
Delta R.T. 0.01 min
Lab File: VX014630.D
Acq: 16 Jan 2020 11:44

Tgt Ion: 84 Resp: 3648

Ion	Ratio	Lower	Upper
84	100		
49	71.4	102.2	153.2#
51	32.9	31.4	47.0
86	65.7	50.8	76.2



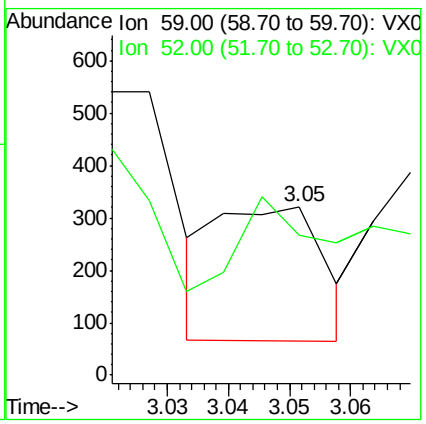


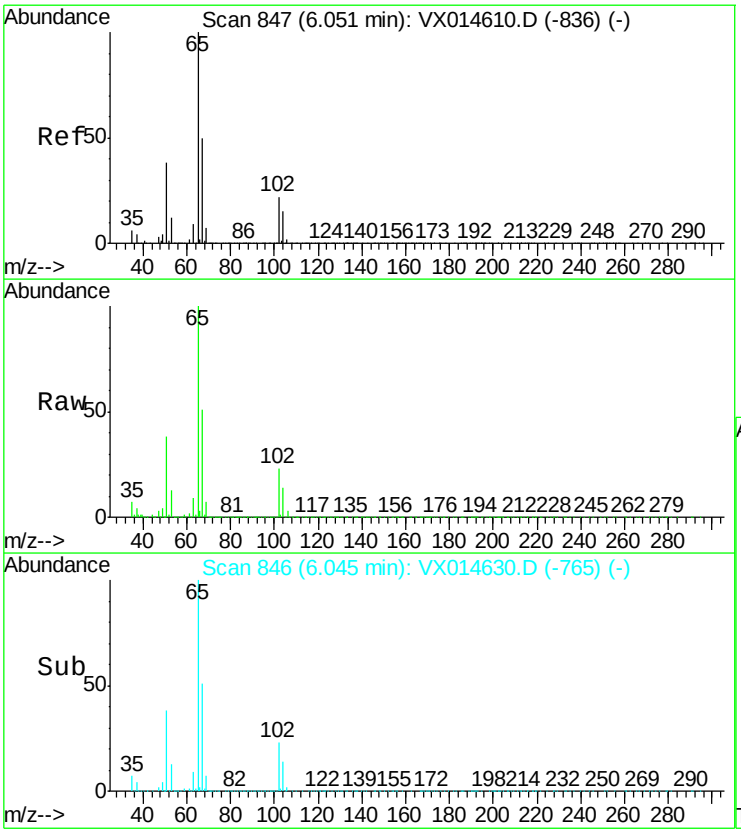
#23
tert-Butyl Alcohol
Concen: 0.273 ug/l
RT: 3.05 min Scan# 355
Delta R.T. 0.01 min
Lab File: VX014630.D
Acq: 16 Jan 2020 11:44

Instrument : MSVOA_X
ClientSampleId : VX0116WBL01

Tgt Ion: 59 Resp: 310

Ion	Ratio	Lower	Upper
59	100		
52	49.4	0.2	0.2#

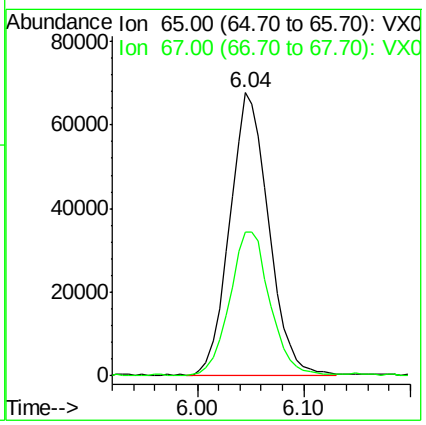


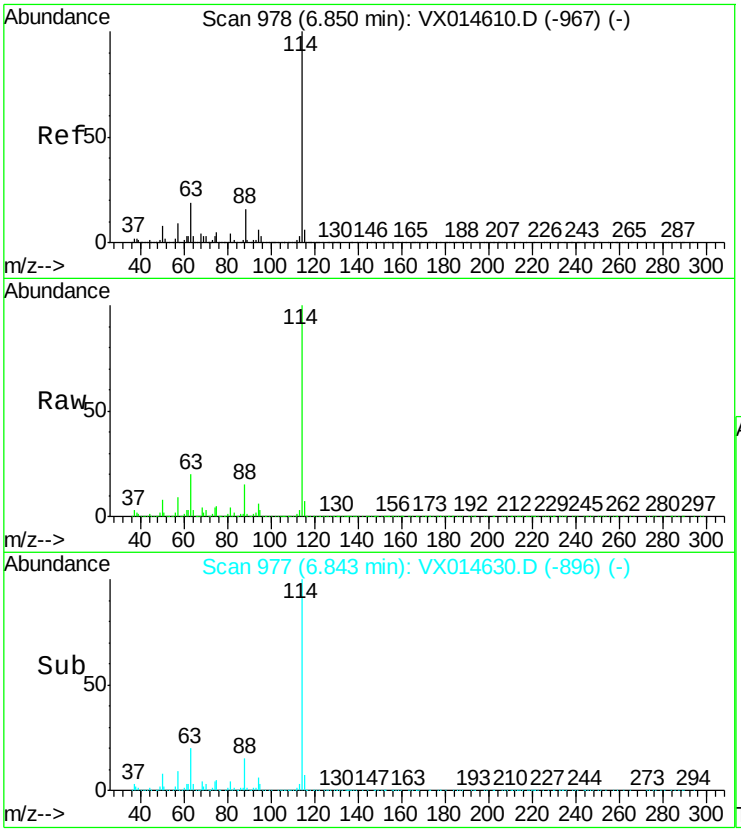


#27
1,2-Dichloroethane-d4
Concen: 30.633 ug/l
RT: 6.04 min Scan# 846
Delta R.T. -0.01 min
Lab File: VX014630.D
Acq: 16 Jan 2020 11:44

Tgt Ion: 65 Resp: 172637

Ion	Ratio	Lower	Upper
65	100		
67	52.4	43.1	64.7



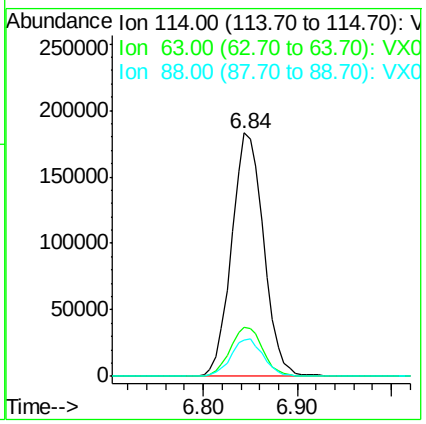


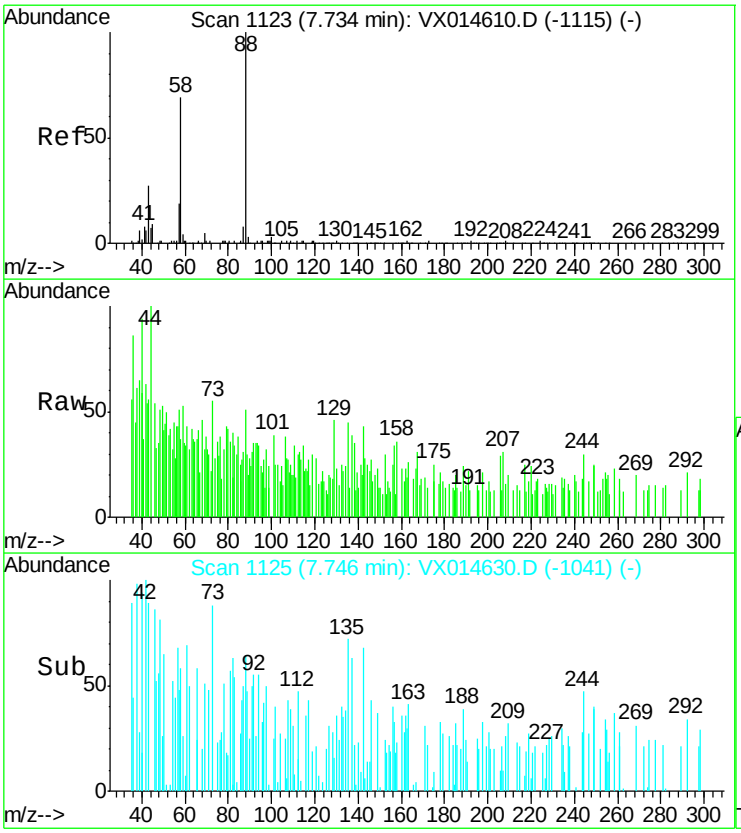
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.84 min Scan# 977
Delta R.T. -0.01 min
Lab File: VX014630.D
Acq: 16 Jan 2020 11:44

Instrument : MSVOA_X
ClientSampleId : VX0116WBL01

Tgt Ion:114 Resp: 433401

Ion	Ratio	Lower	Upper
114	100		
63	20.3	16.1	24.1
88	15.5	12.5	18.7

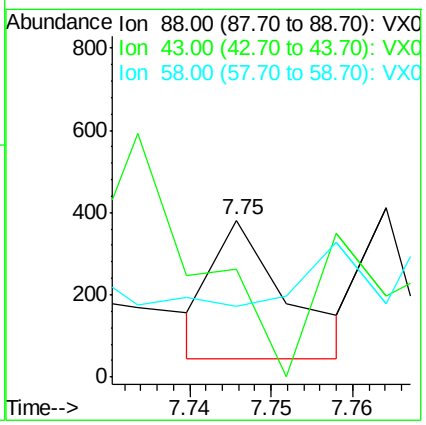


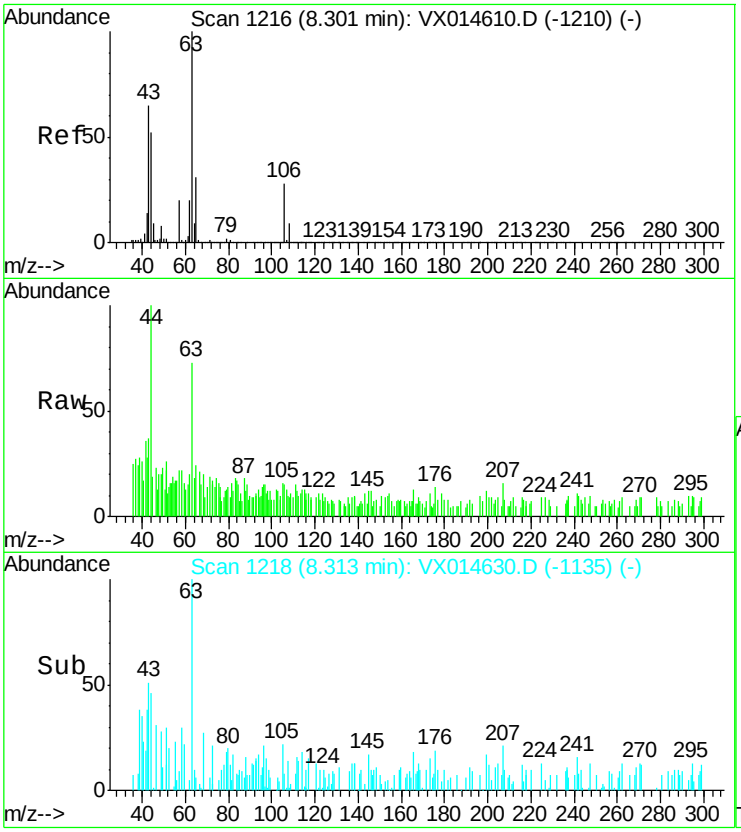


#45
1,4-Dioxane
Concen: 1.802 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VX014630.D
Acq: 16 Jan 2020 11:44

Tgt Ion: 88 Resp: 212

Ion	Ratio	Lower	Upper
88	100		
43	237.3	25.4	38.2#
58	0.0	56.5	84.7#



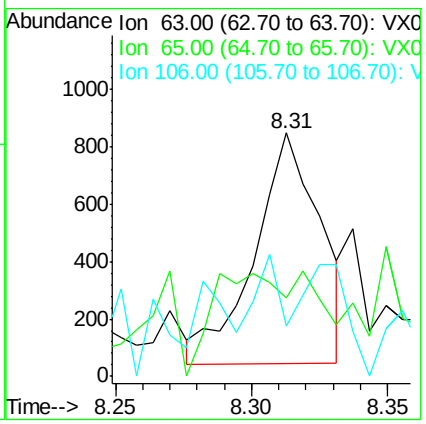


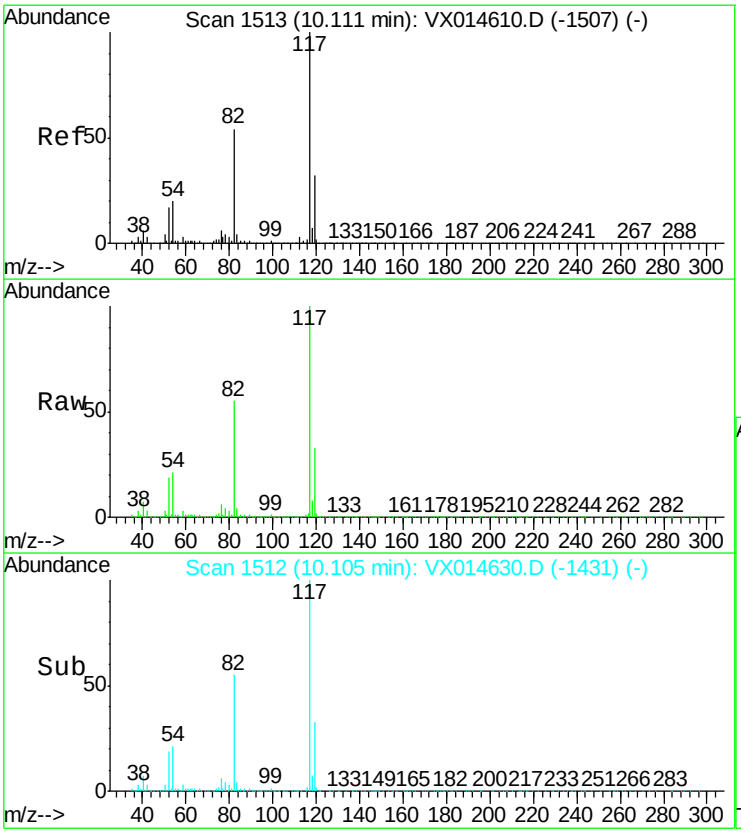
#55
2-Chloroethyl vinyl ether
Concen: 0.376 ug/l
RT: 8.31 min Scan# 1218
Delta R.T. 0.01 min
Lab File: VX014630.D
Acq: 16 Jan 2020 11:44

Instrument : MSVOA_X
ClientSampleId : VX0116WBL01

Tgt Ion: 63 Resp: 1344

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.8	38.6#
106	15.6	22.9	34.3#

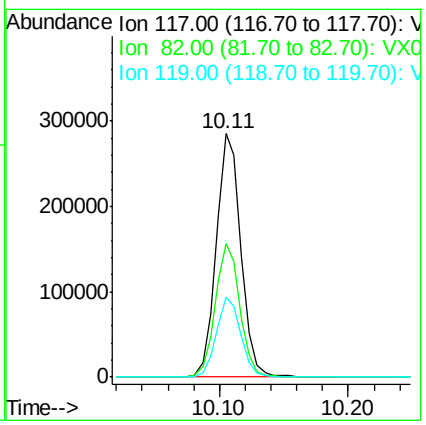


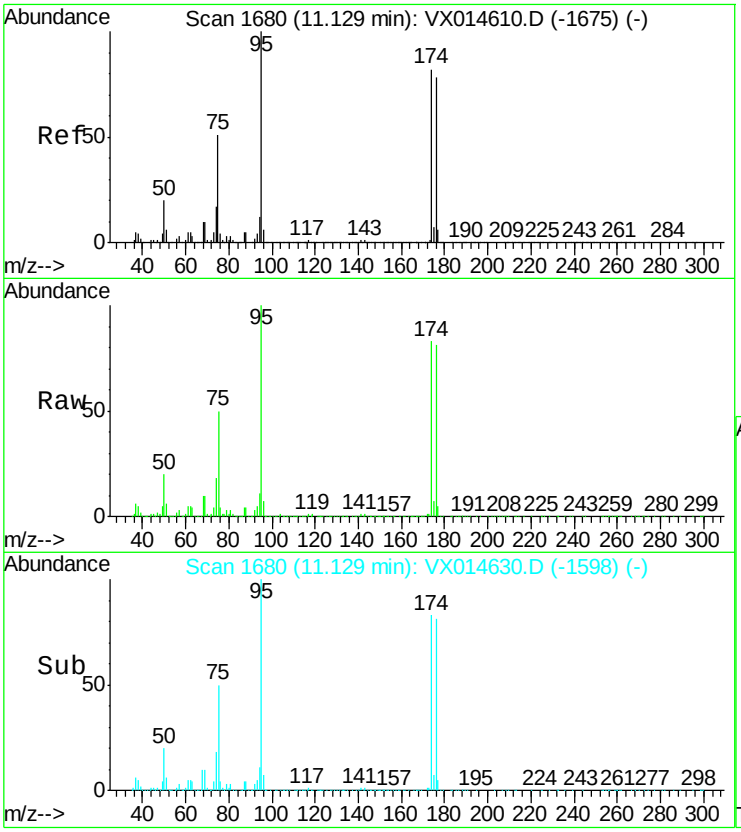


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014630.D
Acq: 16 Jan 2020 11:44

Tgt Ion:117 Resp: 384116

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



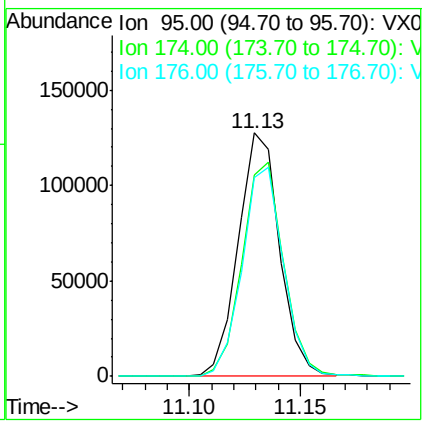


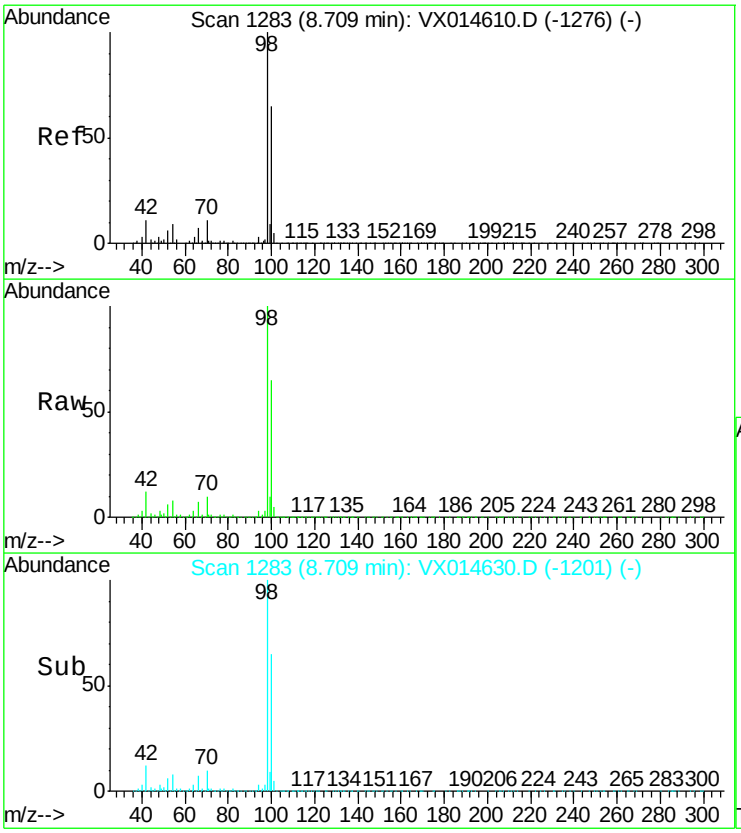
#60
4-Bromofluorobenzene
Concen: 26.787 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014630.D
Acq: 16 Jan 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBL01

Tgt Ion: 95 Resp: 164651

Ion	Ratio	Lower	Upper
95	100		
174	88.9	70.2	105.2
176	86.7	68.3	102.5

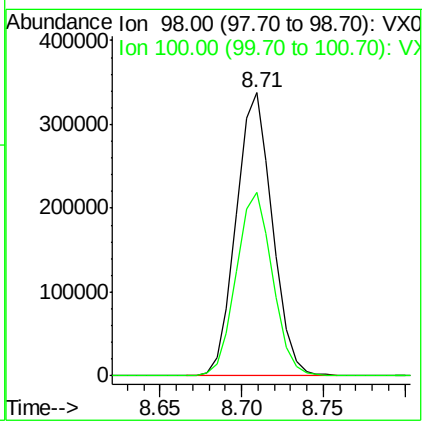


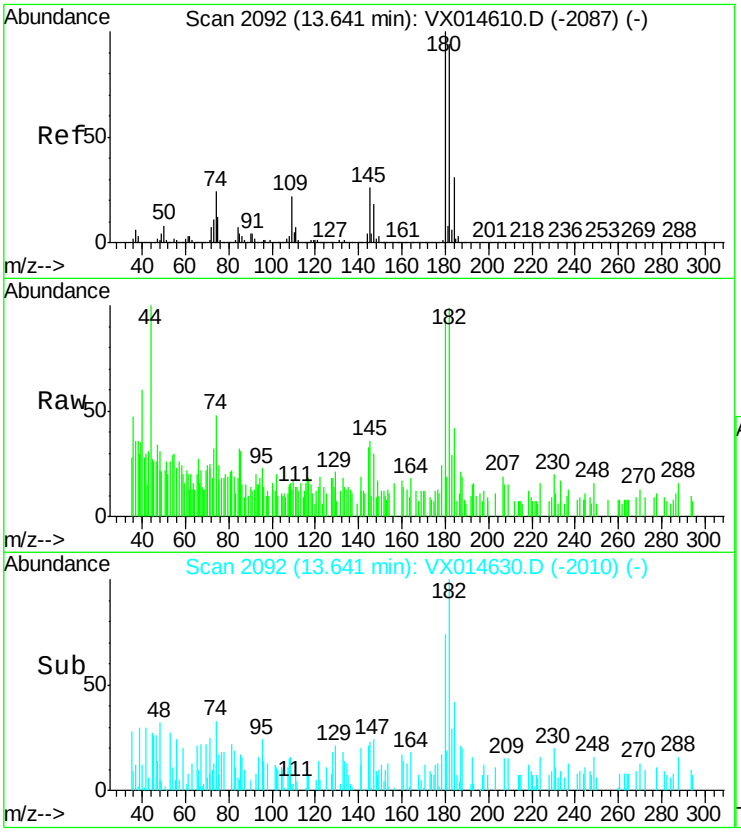


#63
Toluene-d8
Concen: 30.022 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014630.D
Acq: 16 Jan 2020 11:44

Tgt Ion: 98 Resp: 520897

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2



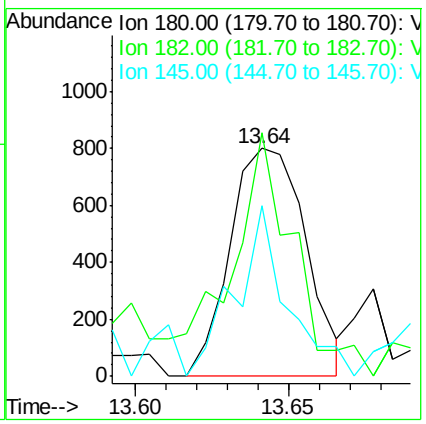


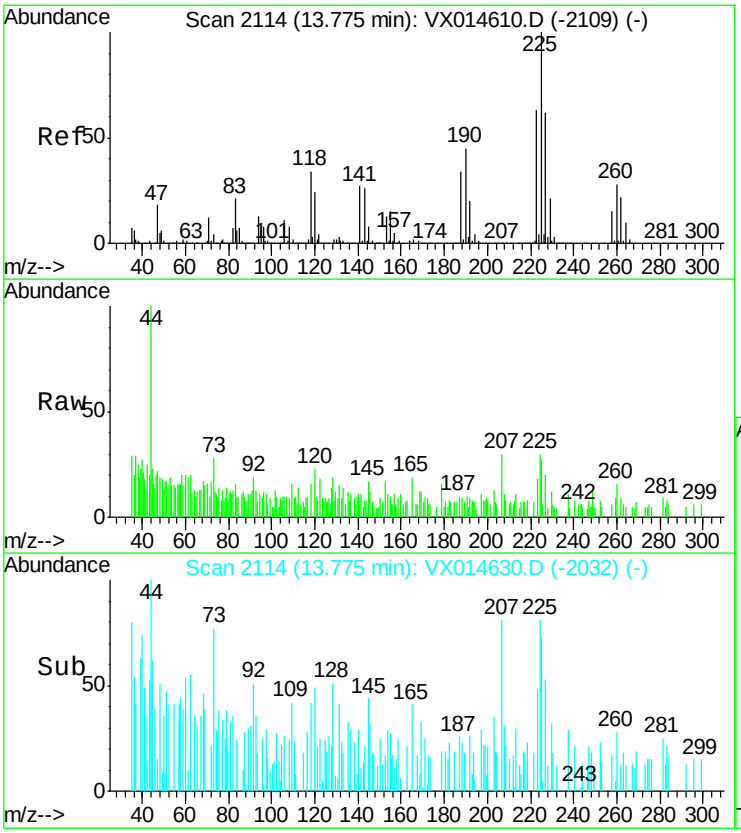
#89
1,2,4-Trichlorobenzene
Concen: 0.206 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014630.D
Acq: 16 Jan 2020 11:44

Instrument :
MSVOA_X
ClientSampleId :
VX0116WBL01

Tgt Ion:180 Resp: 1375

Ion	Ratio	Lower	Upper
180	100		
182	63.5	76.4	114.6#
145	51.3	21.9	32.9#





#90
Hexachlorobutadiene
Concen: 0.203 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014630.D
Acq: 16 Jan 2020 11:44

Tgt Ion:225 Resp: 678

Ion	Ratio	Lower	Upper
225	100		
223	34.4	0.0	127.4
227	23.6	0.0	122.8