Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011520\
Data File : VX014618.D
Acq On : 15 Jan 2020 15:05
Operator : JC/SP
Sample : L1126-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FB-01142020

Quant Time: Jan 16 01:11:40 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	5.01	128	74868	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.85	114	404156	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.11	117	352118	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.05	65	158407	30.10	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 100.33%				
60) 4-Bromofluorobenzene	11.13	95	152299	27.03	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 90.10%				
63) Toluene-d8	8.71	98	476589	29.96	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 99.87%				
Target Compounds							Qvalue
8) Diethyl Ether	2.17	74	657	0.214	ug/l		45
11) Methyl Iodide	2.52	142	3139	0.565	ug/l		98
13) Acrolein	2.58	56	489	0.622	ug/l		94
14) Acrylonitrile	3.12	53	842	0.329	ug/l	#	44
15) Acetone	2.43	58	3751	4.367	ug/l		90
16) Carbon Disulfide	2.56	76	4670	0.410	ug/l		99
18) Methylene Chloride	2.85	84	3315	0.683	ug/l	#	87
45) 1,4-Dioxane	7.73	88	320	2.918	ug/l	#	66
58) 4-Methyl-2-Pentanone	8.64	43	2345	0.354	ug/l	#	76
83) 1,3-Dichlorobenzene	12.02	146	1950	0.212	ug/l		78
84) 1,4-Dichlorobenzene	12.02	146	1950	0.214	ug/l		79
89) 1,2,4-Trichlorobenzene	13.64	180	2084	0.340	ug/l	#	78
90) Hexachlorobutadiene	13.78	225	881	0.288	ug/l		70
91) Naphthalene	13.83	128	5739	0.310	ug/l	#	87
92) 1,2,3-Trichlorobenzene	14.01	180	2132	0.342	ug/l		93

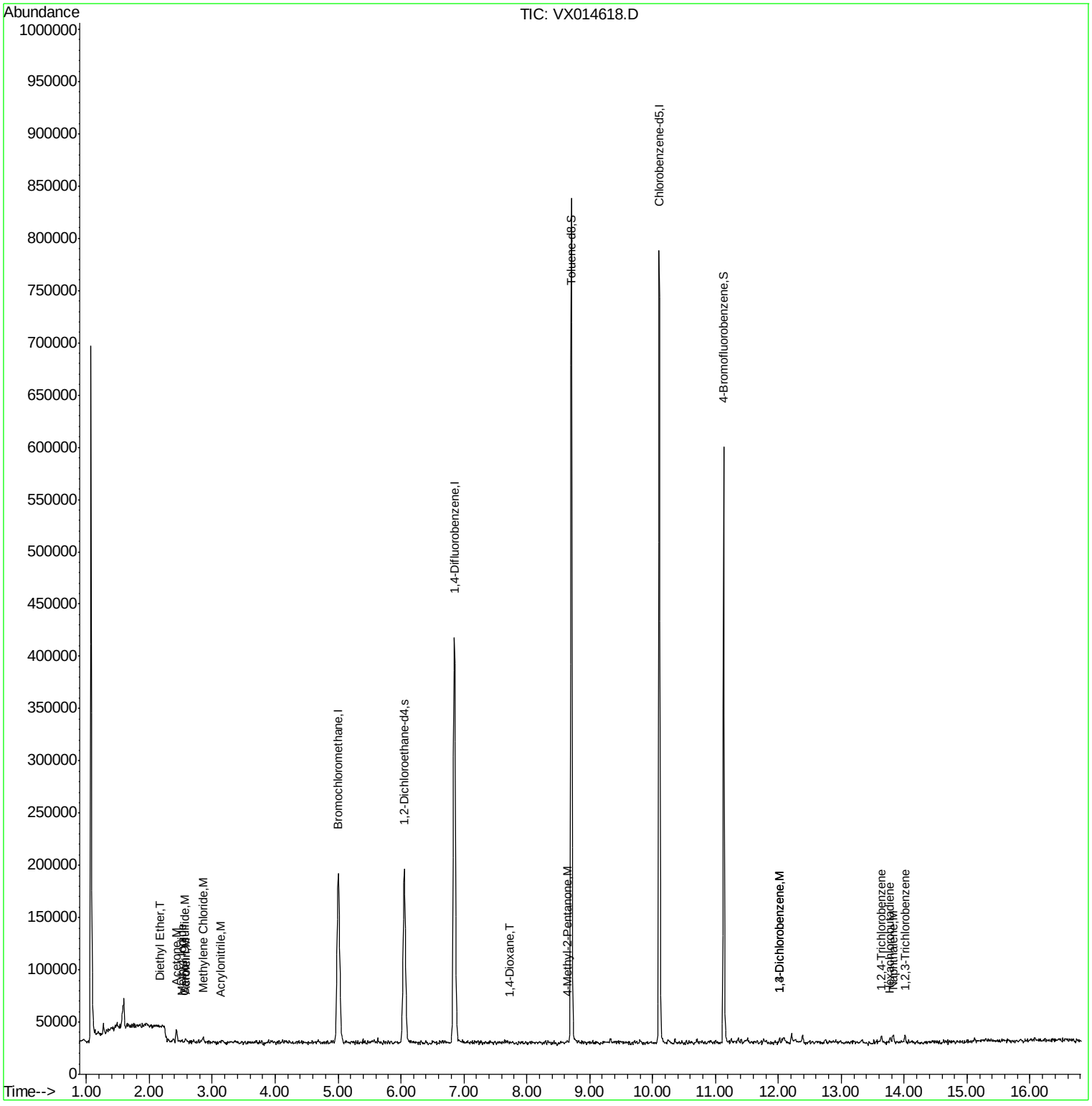
(#) = qualifier out of range (m) = manual integration (+) = signals summed

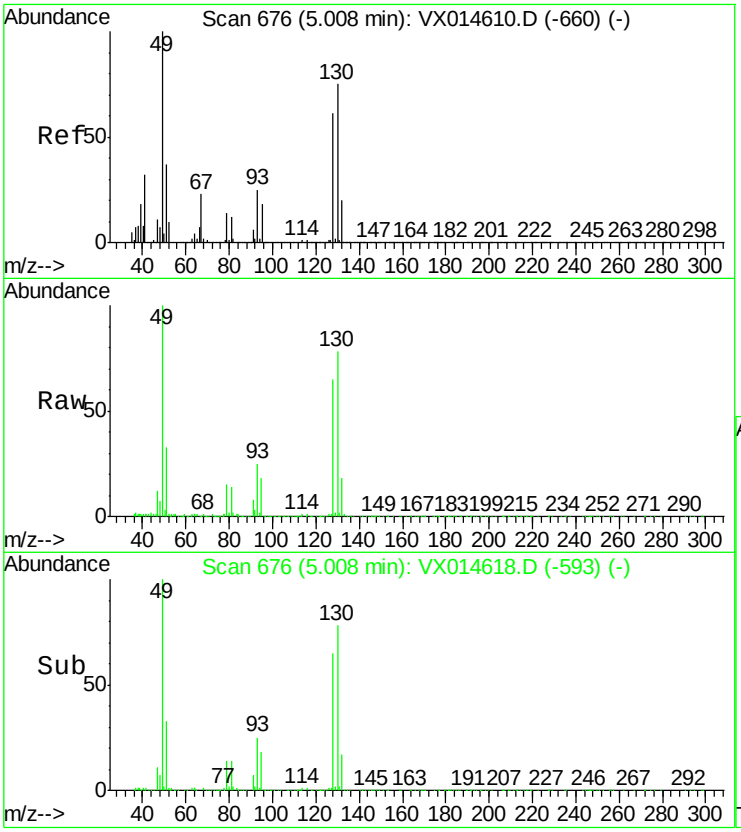
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011520\
Data File : VX014618.D
Acq On : 15 Jan 2020 15:05
Operator : JC/SP
Sample : L1126-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB-01142020

Quant Time: Jan 16 01:11:40 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



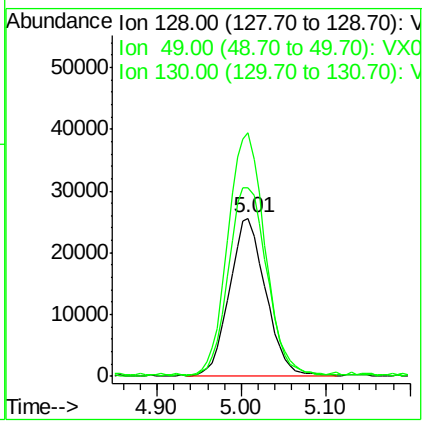


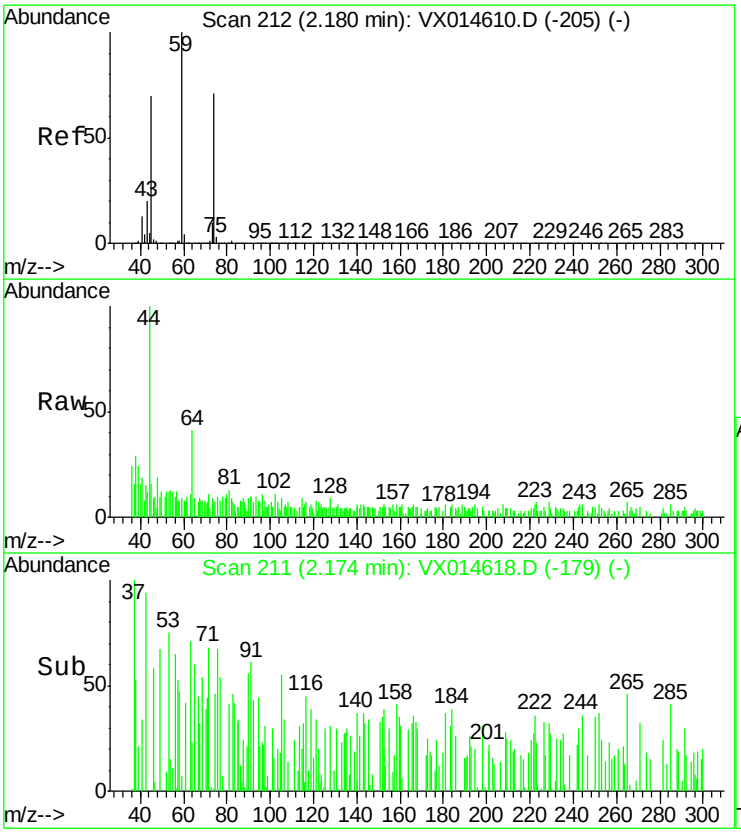
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014618.D
Acq: 15 Jan 2020 15:05

Instrument :
MSVOA_X
ClientSampleId :
FB-01142020

Tgt Ion:128 Resp: 74868

Ion	Ratio	Lower	Upper
128	100		
49	156.3	0.0	405.0
130	128.2	0.0	321.5

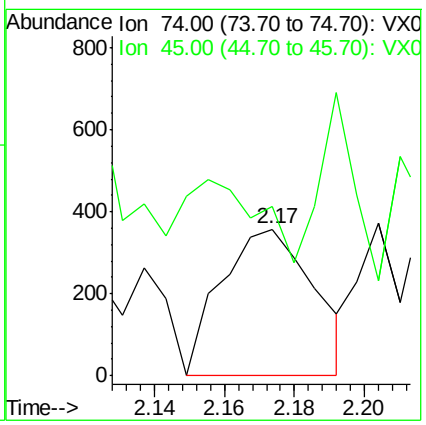


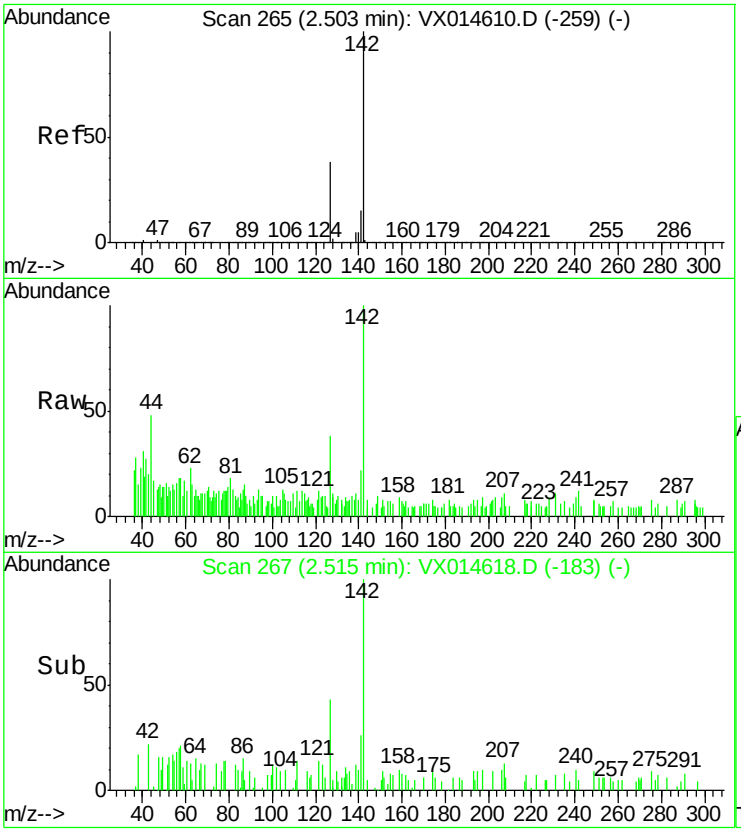


#8
Diethyl Ether
Concen: 0.214 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX014618.D
Acq: 15 Jan 2020 15:05

Tgt Ion: 74 Resp: 657

Ion	Ratio	Lower	Upper
74	100		
45	47.2	20.6	185.0



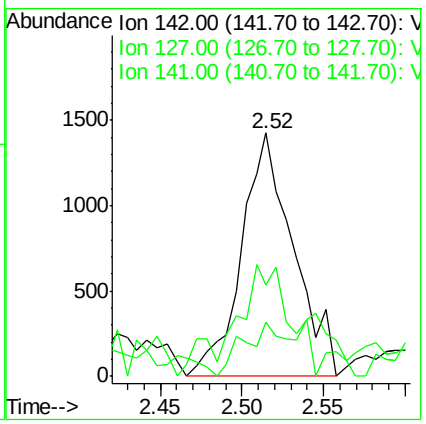


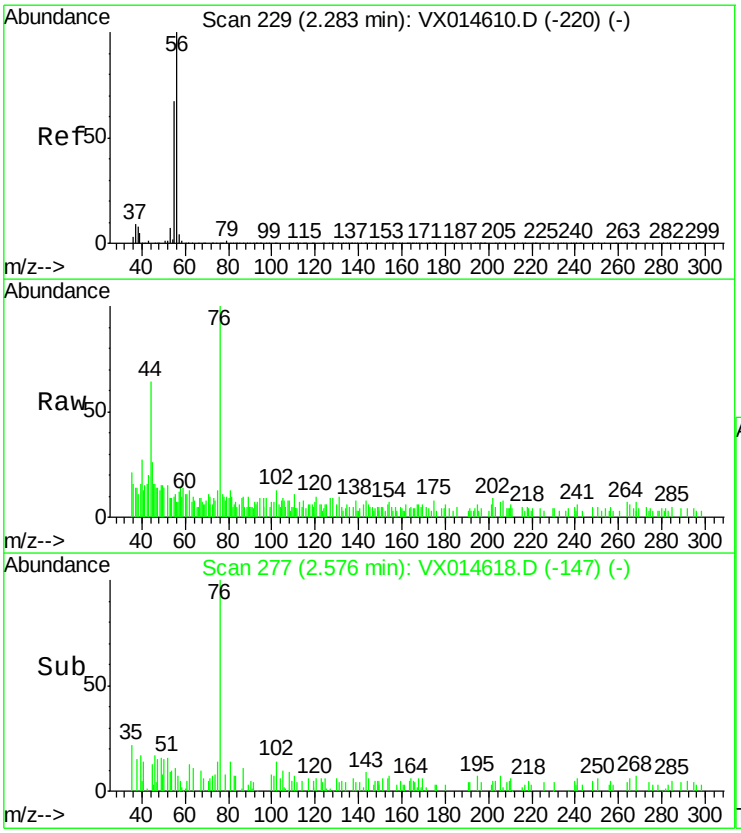
#11
Methyl Iodide
Concen: 0.565 ug/l
RT: 2.52 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX014618.D
Acq: 15 Jan 2020 15:05

Instrument : MSVOA_X
ClientSampleId : FB-01142020

Tgt Ion:142 Resp: 3139

Ion	Ratio	Lower	Upper
142	100		
127	40.4	19.5	58.5
141	13.9	7.0	20.9

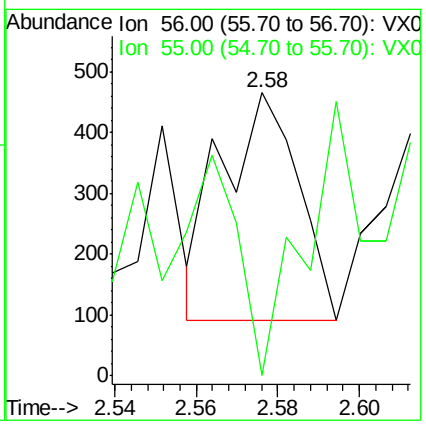


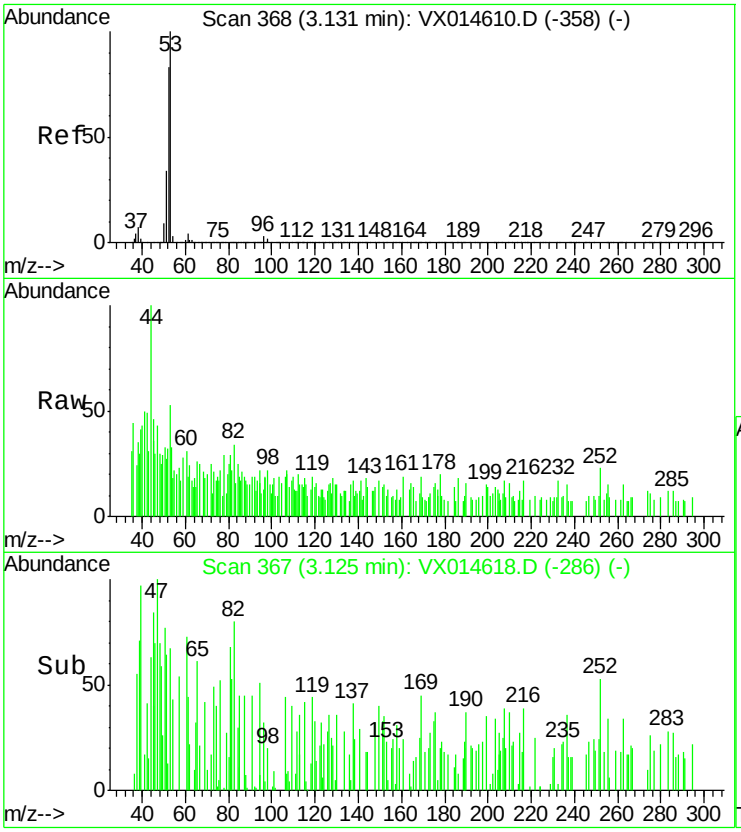


#13
Acrolein
Concen: 0.622 ug/l
RT: 2.58 min Scan# 277
Delta R.T. 0.29 min
Lab File: VX014618.D
Acq: 15 Jan 2020 15:05

Tgt Ion: 56 Resp: 489

Ion	Ratio	Lower	Upper
56	100		
55	63.6	54.9	82.3



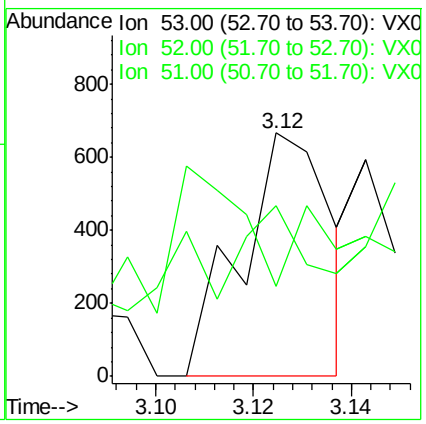


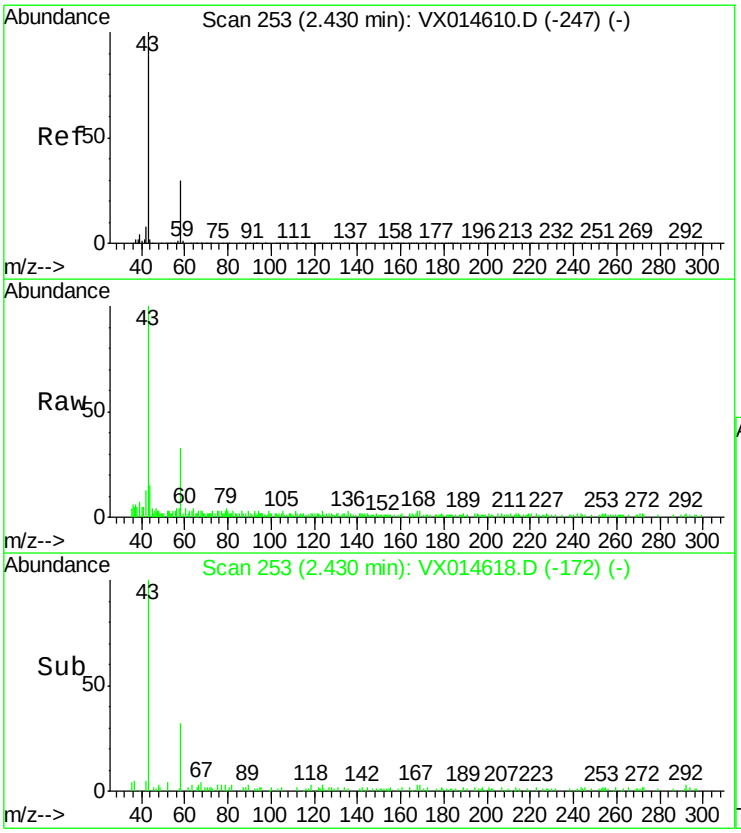
#14
Acrylonitrile
Concen: 0.329 ug/l
RT: 3.12 min Scan# 367
Delta R.T. -0.01 min
Lab File: VX014618.D
Acq: 15 Jan 2020 15:05

Instrument :
MSVOA_X
ClientSampleId :
FB-01142020

Tgt Ion: 53 Resp: 842

Ion	Ratio	Lower	Upper
53	100		
52	13.9	41.5	124.6#
51	32.2	17.8	53.5

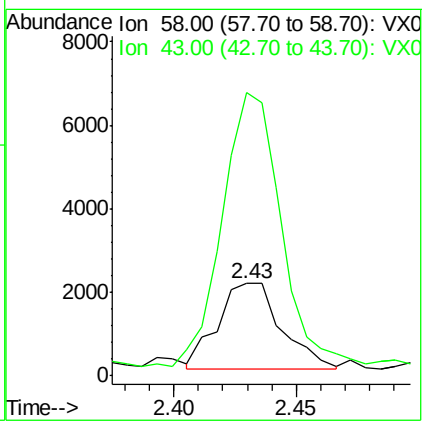


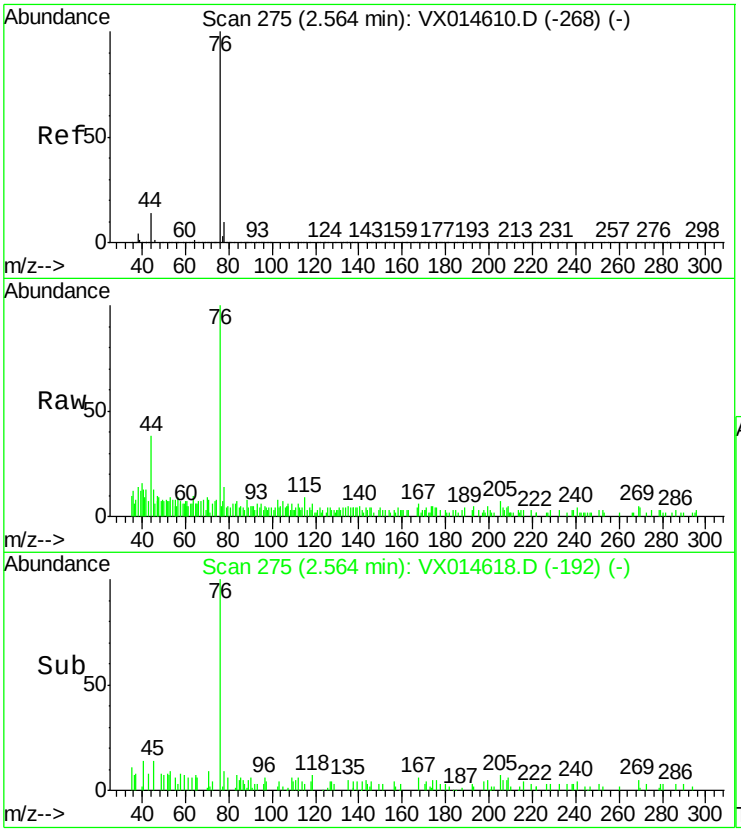


#15
Acetone
Concen: 4.367 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014618.D
Acq: 15 Jan 2020 15:05

Tgt Ion: 58 Resp: 3751

Ion	Ratio	Lower	Upper
58	100		
43	315.1	236.3	354.5



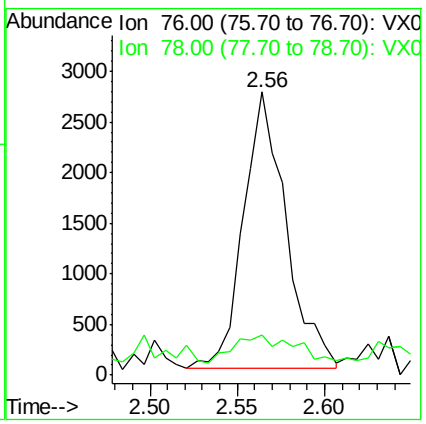


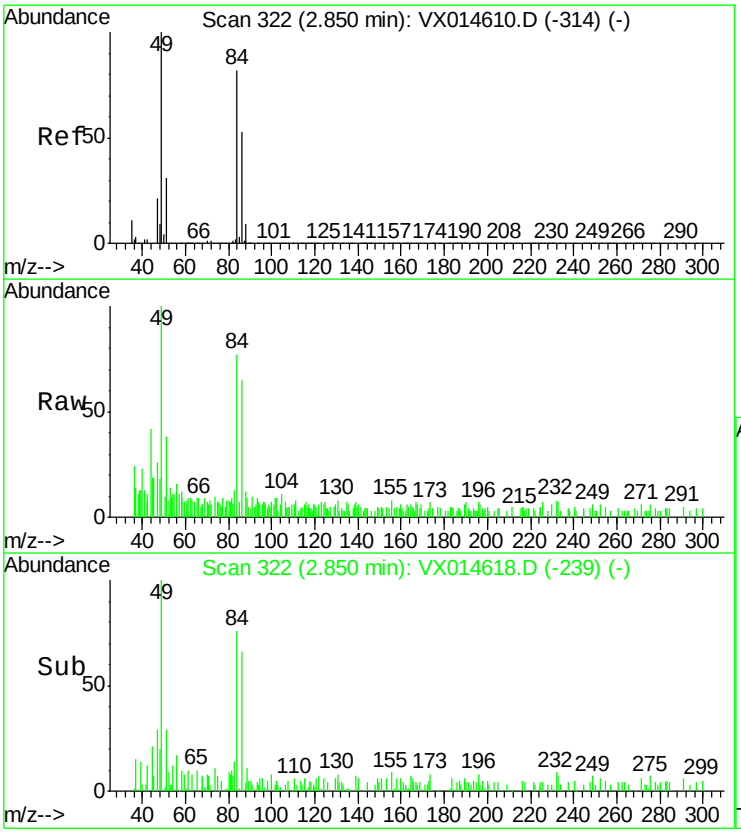
#16
Carbon Disulfide
Concen: 0.410 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014618.D
Acq: 15 Jan 2020 15:05

Instrument :
MSVOA_X
ClientSampleId :
FB-01142020

Tgt Ion: 76 Resp: 4670

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.8	11.8

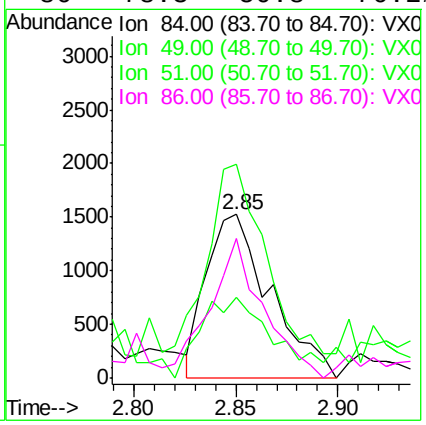


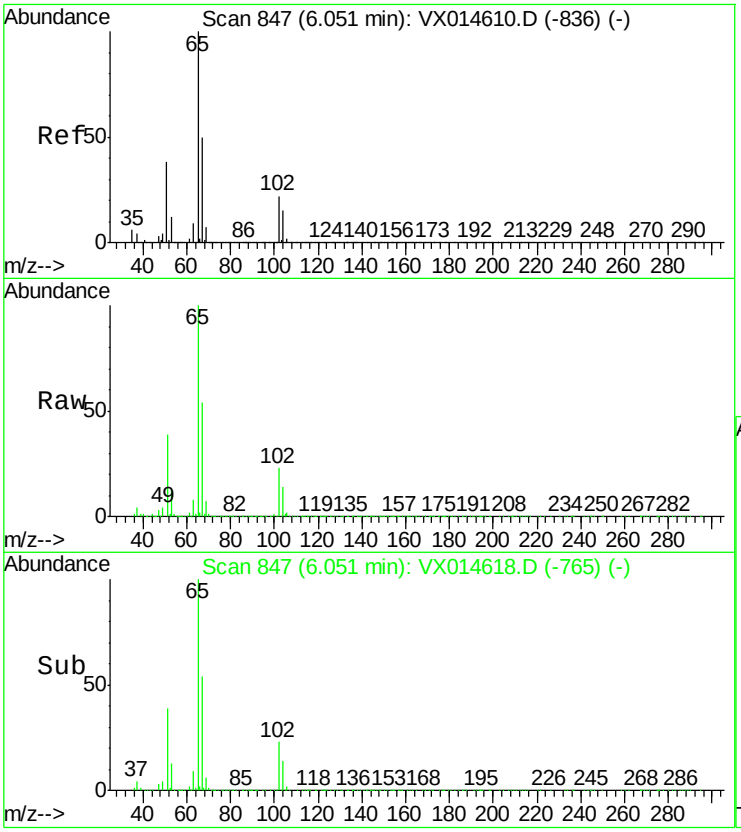


#18
Methylene Chloride
Concen: 0.683 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014618.D
Acq: 15 Jan 2020 15:05

Tgt Ion: 84 Resp: 3315

Ion	Ratio	Lower	Upper
84	100		
49	115.9	102.2	153.2
51	30.9	31.4	47.0#
86	78.3	50.8	76.2#



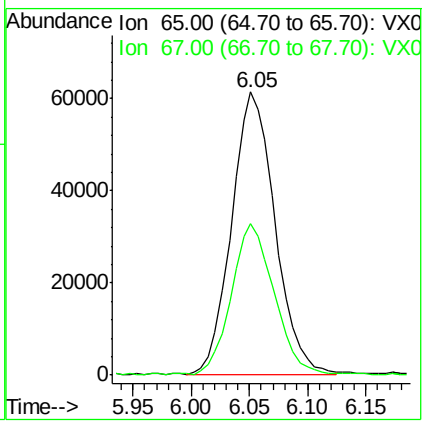


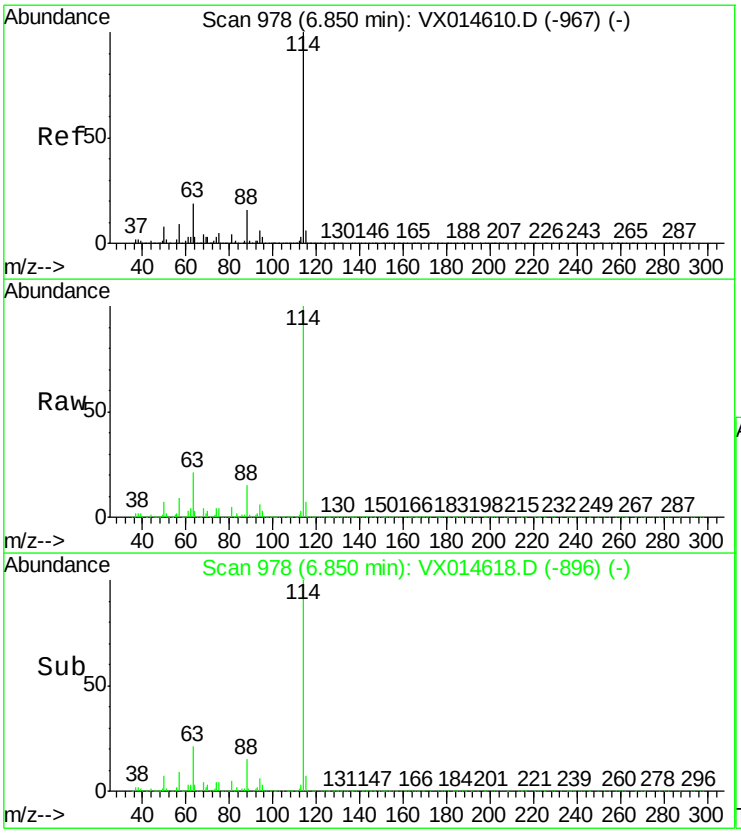
#27
1,2-Dichloroethane-d4
Concen: 30.102 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014618.D
Acq: 15 Jan 2020 15:05

Instrument :
MSVOA_X
ClientSampleId :
FB-01142020

Tgt Ion: 65 Resp: 158407

Ion	Ratio	Lower	Upper
65	100		
67	52.4	43.1	64.7

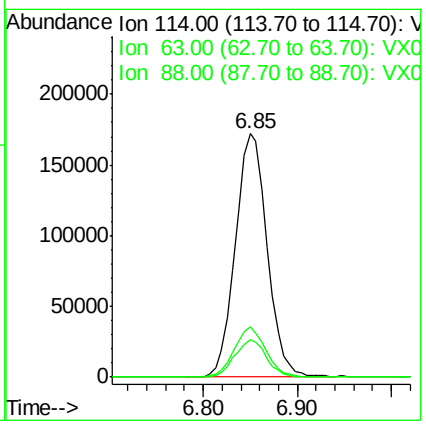


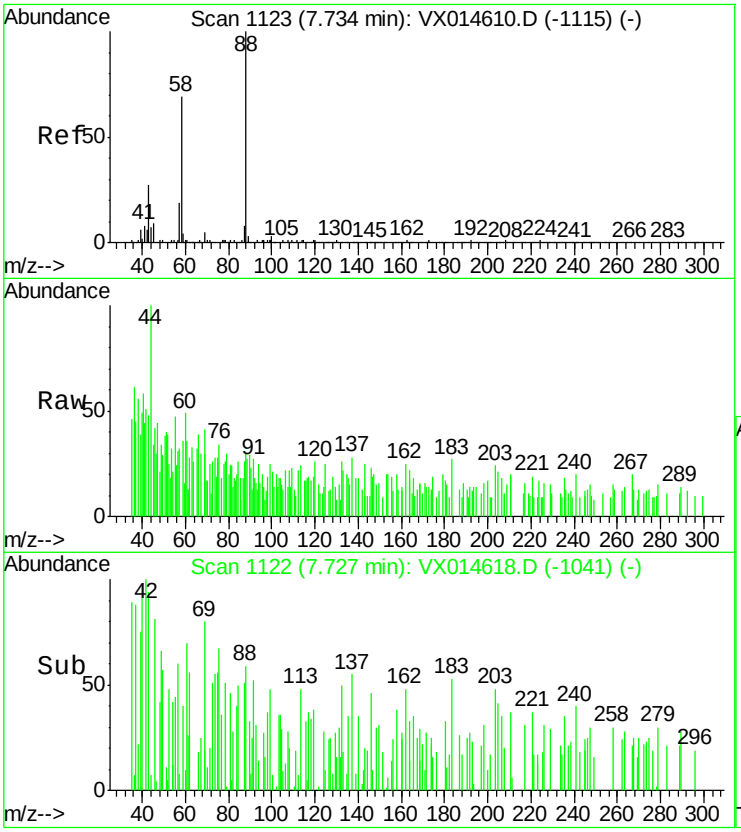


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014618.D
Acq: 15 Jan 2020 15:05

Tgt Ion:114 Resp: 404156

Ion	Ratio	Lower	Upper
114	100		
63	20.3	16.1	24.1
88	15.2	12.5	18.7



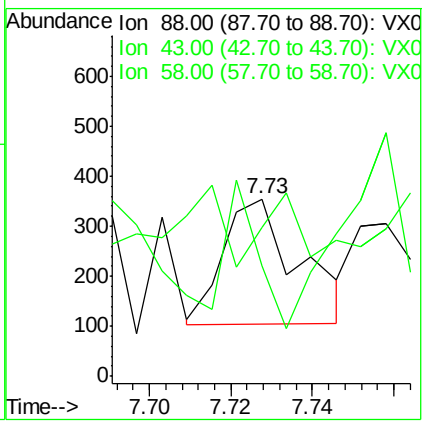


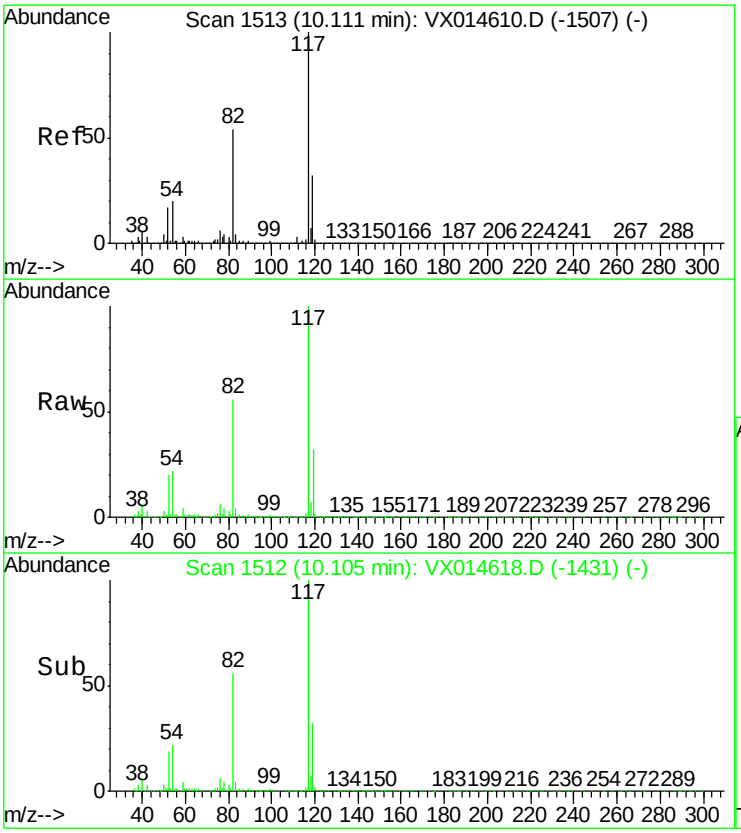
#45
1,4-Dioxane
Concen: 2.918 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014618.D
Acq: 15 Jan 2020 15:05

Instrument : MSVOA_X
ClientSampleId : FB-01142020

Tgt Ion: 88 Resp: 320

Ion	Ratio	Lower	Upper
88	100		
43	58.8	25.4	38.2#
58	48.4	56.5	84.7#

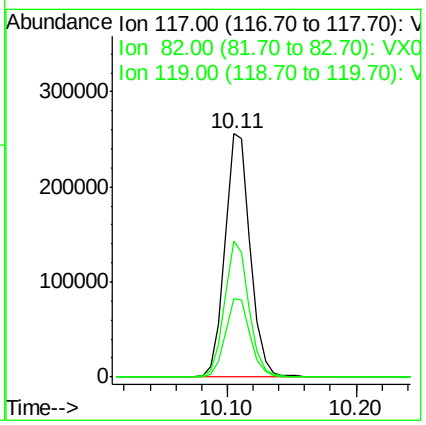


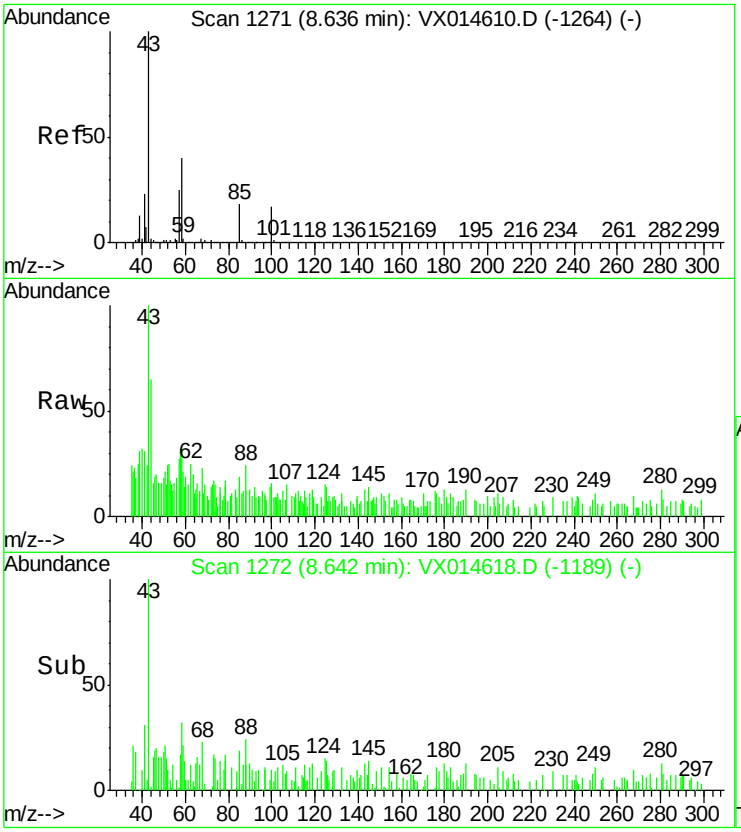


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014618.D
Acq: 15 Jan 2020 15:05

Tgt Ion:117 Resp: 352118

Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.8	65.6
119	32.1	25.8	38.6



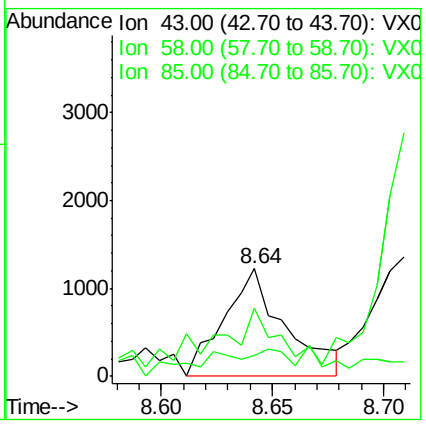


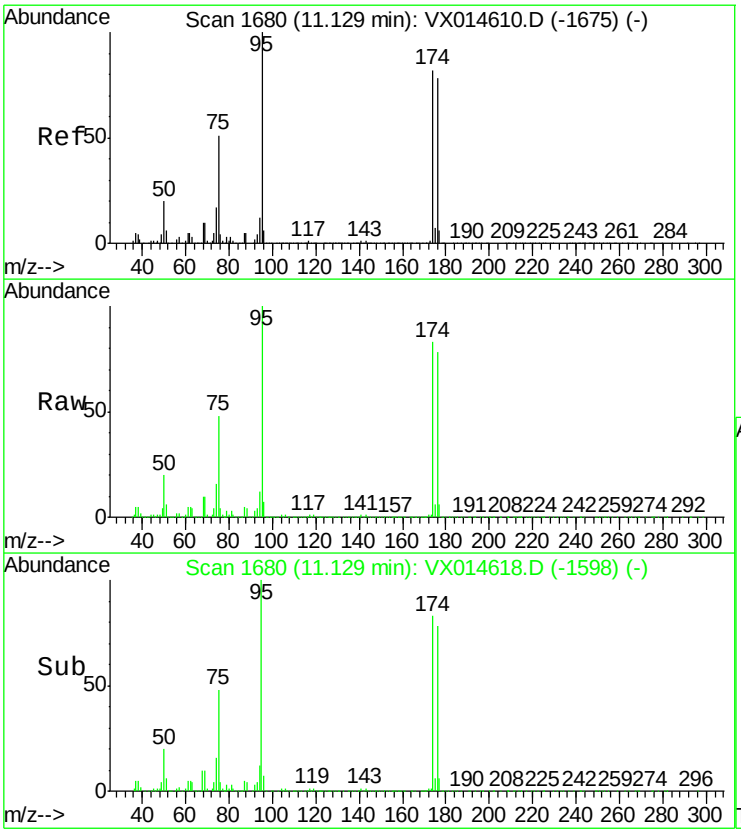
#58
4-Methyl-2-Pentanone
Concen: 0.354 ug/l
RT: 8.64 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VX014618.D
Acq: 15 Jan 2020 15:05

Instrument : MSVOA_X
ClientSampleId : FB-01142020

Tgt Ion: 43 Resp: 2345

Ion	Ratio	Lower	Upper
43	100		
58	24.6	31.2	46.8#
85	7.0	14.2	21.2#

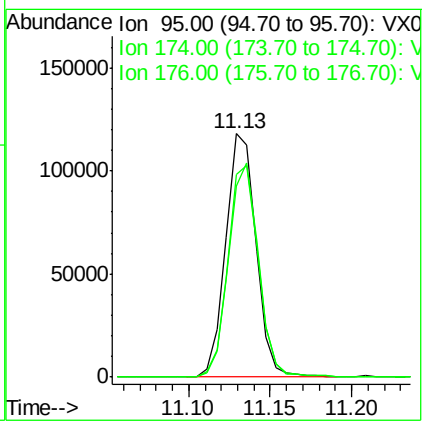


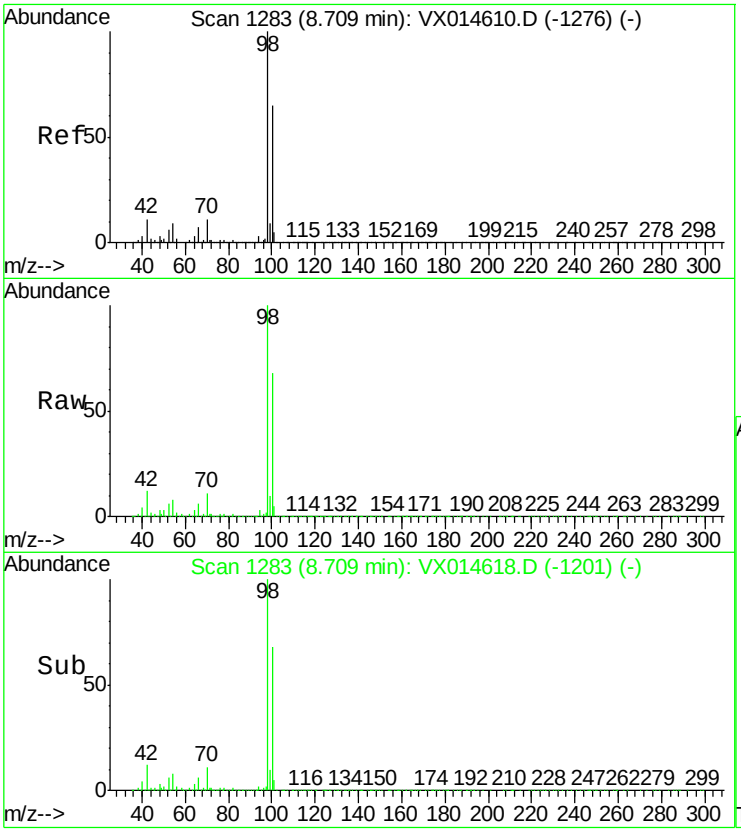


#60
4-Bromofluorobenzene
Concen: 27.029 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014618.D
Acq: 15 Jan 2020 15:05

Tgt Ion: 95 Resp: 152299

Ion	Ratio	Lower	Upper
95	100		
174	87.5	70.2	105.2
176	86.1	68.3	102.5



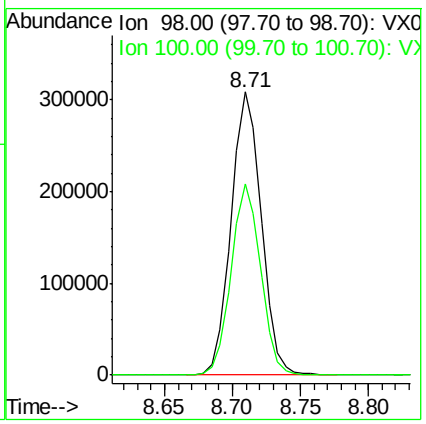


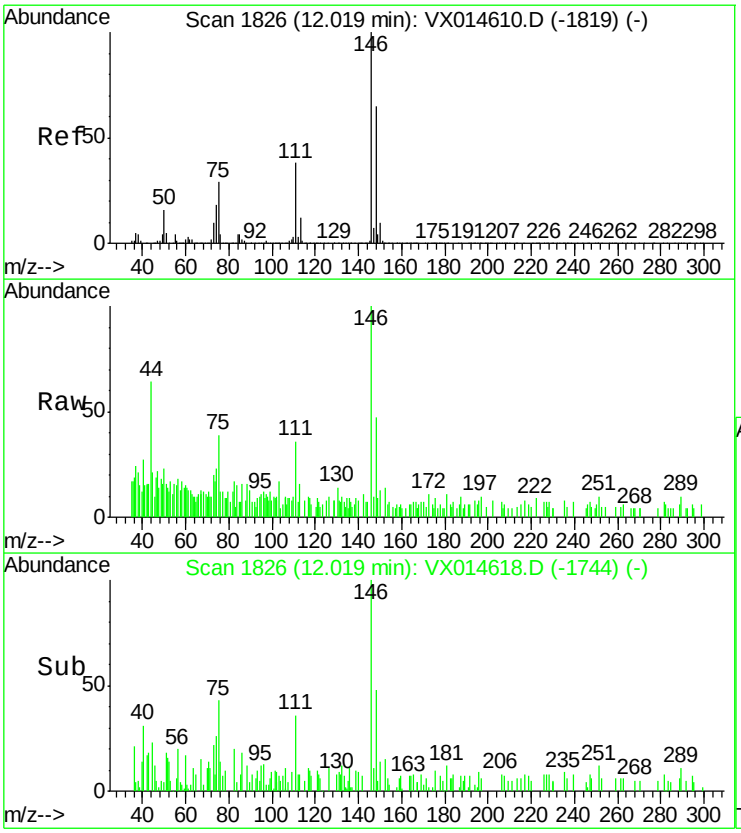
#63
Toluene-d8
Concen: 29.965 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014618.D
Acq: 15 Jan 2020 15:05

Instrument : MSVOA_X
ClientSampleId : FB-01142020

Tgt Ion: 98 Resp: 476589

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.2	78.2

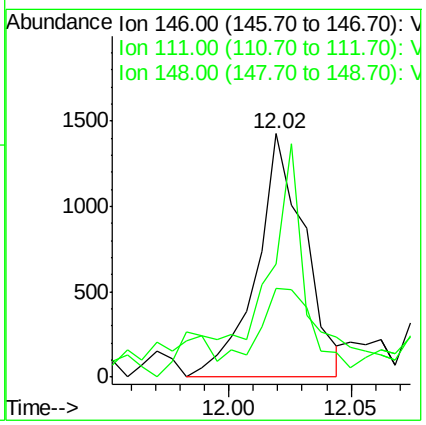


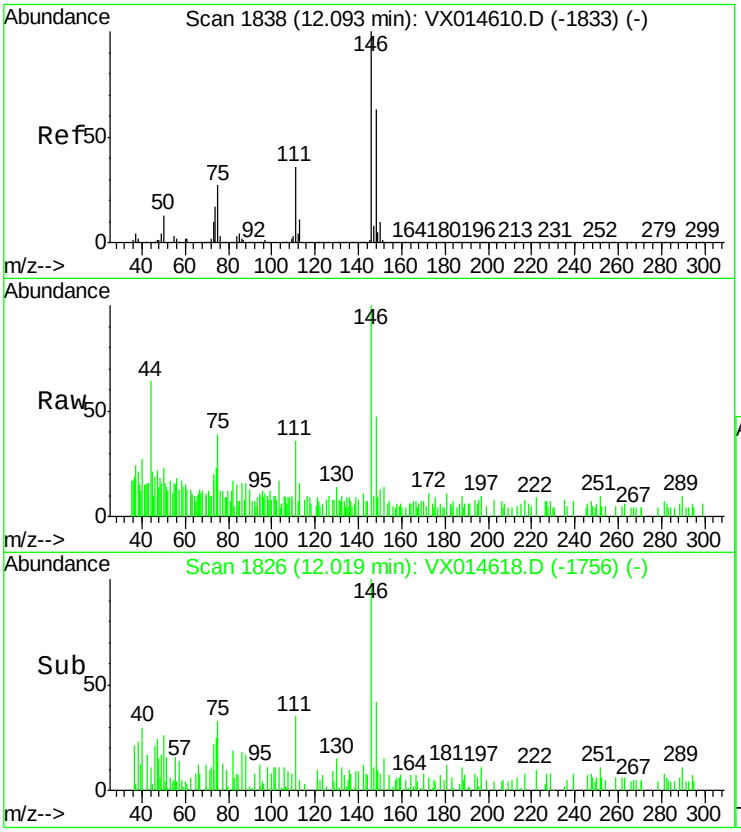


#83
1,3-Dichlorobenzene
Concen: 0.212 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX014618.D
Acq: 15 Jan 2020 15:05

Tgt Ion:146 Resp: 1950

Ion	Ratio	Lower	Upper
146	100		
111	35.0	19.3	57.9
148	39.7	32.2	96.6



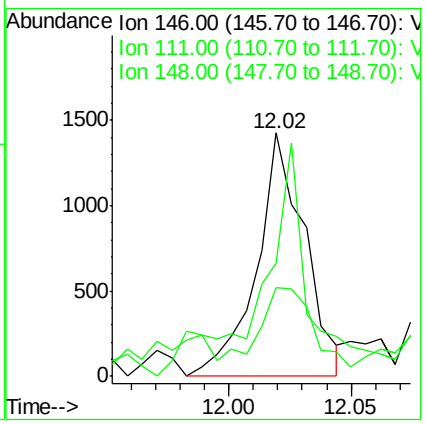


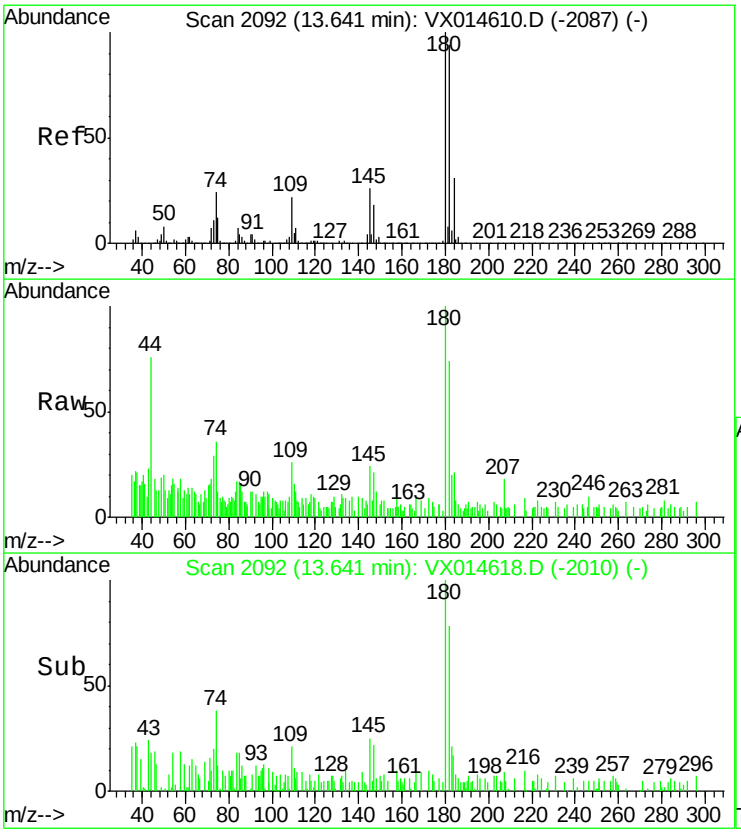
#84
1,4-Dichlorobenzene
Concen: 0.214 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.07 min
Lab File: VX014618.D
Acq: 15 Jan 2020 15:05

Instrument :
MSVOA_X
ClientSampleId :
FB-01142020

Tgt Ion:146 Resp: 1950

Ion	Ratio	Lower	Upper
146	100		
111	35.5	18.4	55.4
148	39.7	32.0	96.0

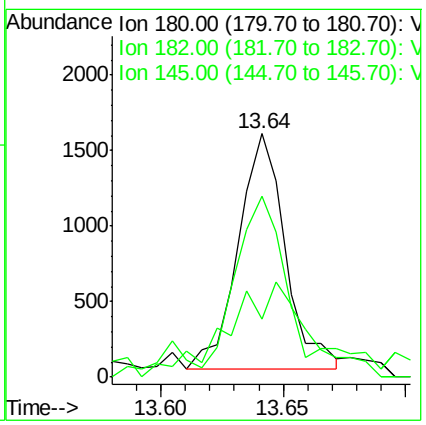


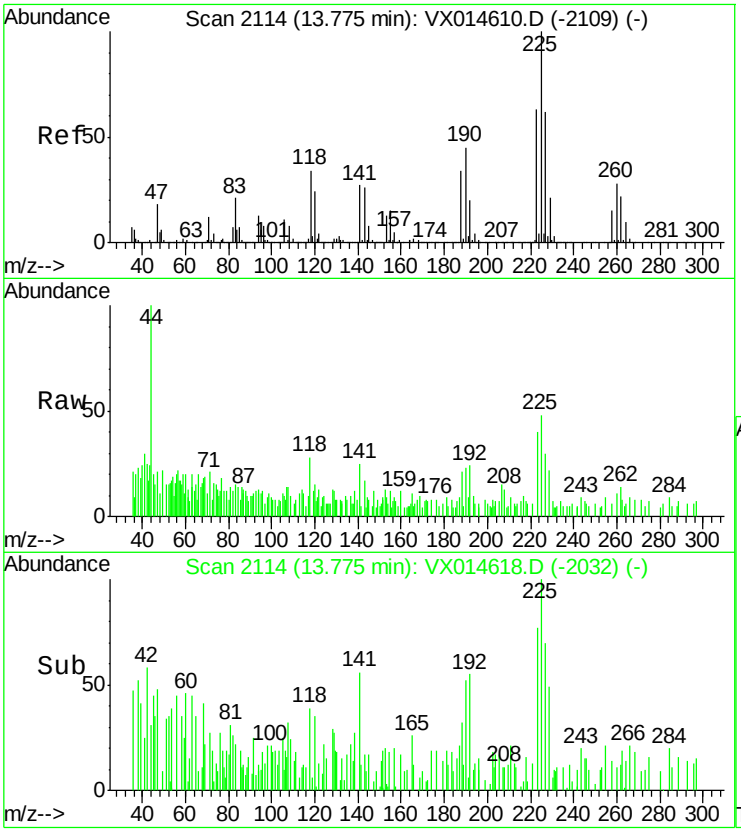


#89
1,2,4-Trichlorobenzene
Concen: 0.340 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014618.D
Acq: 15 Jan 2020 15:05

Tgt Ion:180 Resp: 2084

Ion	Ratio	Lower	Upper
180	100		
182	79.0	76.4	114.6
145	49.3	21.9	32.9#



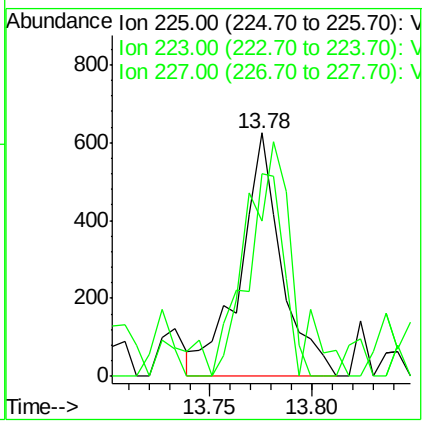


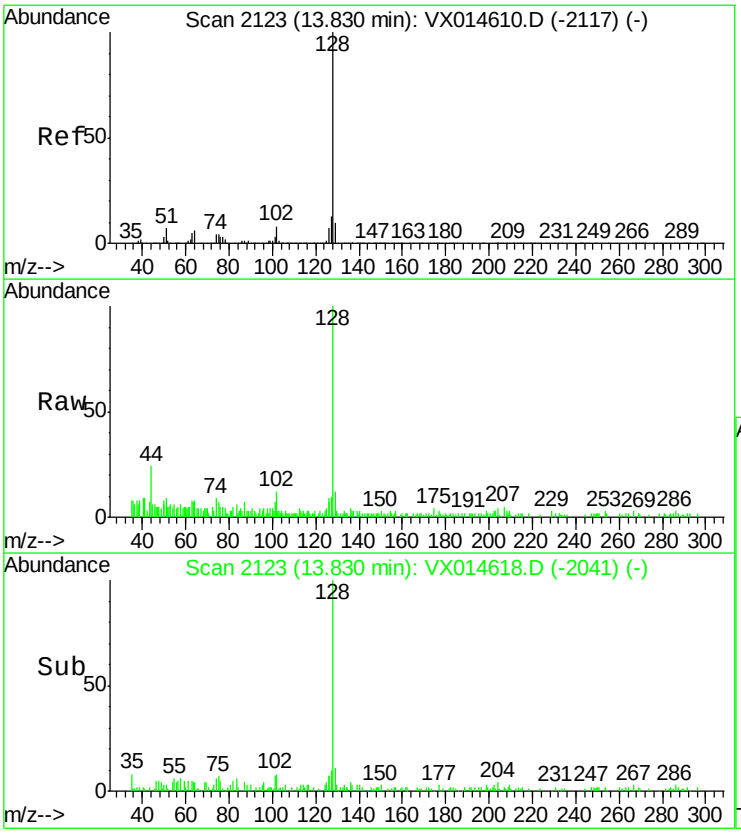
#90
Hexachlorobutadiene
Concen: 0.288 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014618.D
Acq: 15 Jan 2020 15:05

Instrument :
MSVOA_X
ClientSampleId :
FB-01142020

Tgt Ion:225 Resp: 881

Ion	Ratio	Lower	Upper
225	100		
223	77.1	0.0	127.4
227	94.6	0.0	122.8

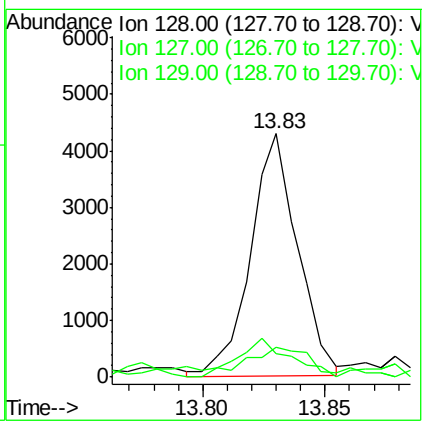


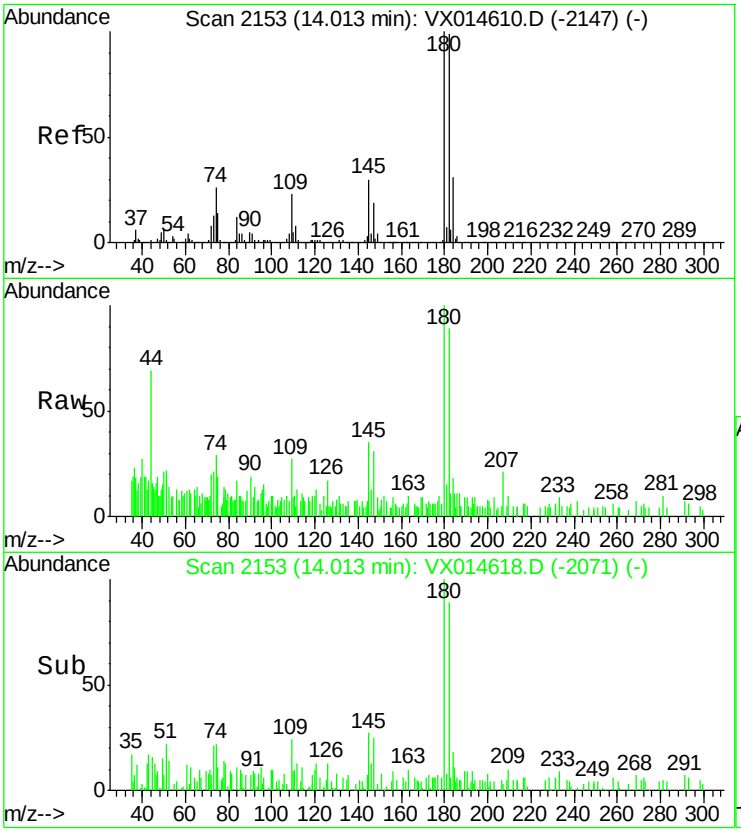


#91
Naphthalene
Concen: 0.310 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014618.D
Acq: 15 Jan 2020 15:05

Tgt Ion:128 Resp: 5739

Ion	Ratio	Lower	Upper
128	100		
127	17.6	10.4	15.6#
129	16.5	8.9	13.3#





#92
1,2,3-Trichlorobenzene
Concen: 0.342 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014618.D
Acq: 15 Jan 2020 15:05

Instrument :
MSVOA_X
ClientSampleId :
FB-01142020

Tgt Ion:180 Resp: 2132

Ion	Ratio	Lower	Upper
180	100		
182	92.2	0.0	192.8
145	39.5	0.0	60.0