Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010920\
Data File : VX014491.D
Acq On : 09 Jan 2020 12:06
Operator : JC/SP
Sample : L1041-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jan 09 14:36:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X121219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:35:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	81500	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	450959	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	395059	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	174613	29.92	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 99.73%			
60) 4-Bromofluorobenzene	11.13	95	175291	27.48	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 91.60%			
63) Toluene-d8	8.71	98	539541	30.55	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 101.83%			
Target Compounds						Qvalue
11) Methyl Iodide	2.51	142	3027	0.515	ug/l	85
13) Acrolein	2.17	56	375	0.438	ug/l	92
15) Acetone	2.44	58	2151	2.651	ug/l	93
16) Carbon Disulfide	2.56	76	3280	0.265	ug/l #	84
23) tert-Butyl Alcohol	3.01	59	424	0.391	ug/l #	59
45) 1,4-Dioxane	7.73	88	211	1.826	ug/l #	1
92) 1,2,3-Trichlorobenzene	14.02	180	1451	0.210	ug/l	80

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010920\
Data File : VX014491.D
Acq On : 09 Jan 2020 12:06
Operator : JC/SP
Sample : L1041-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 09 14:36:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X121219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:35:34 2019
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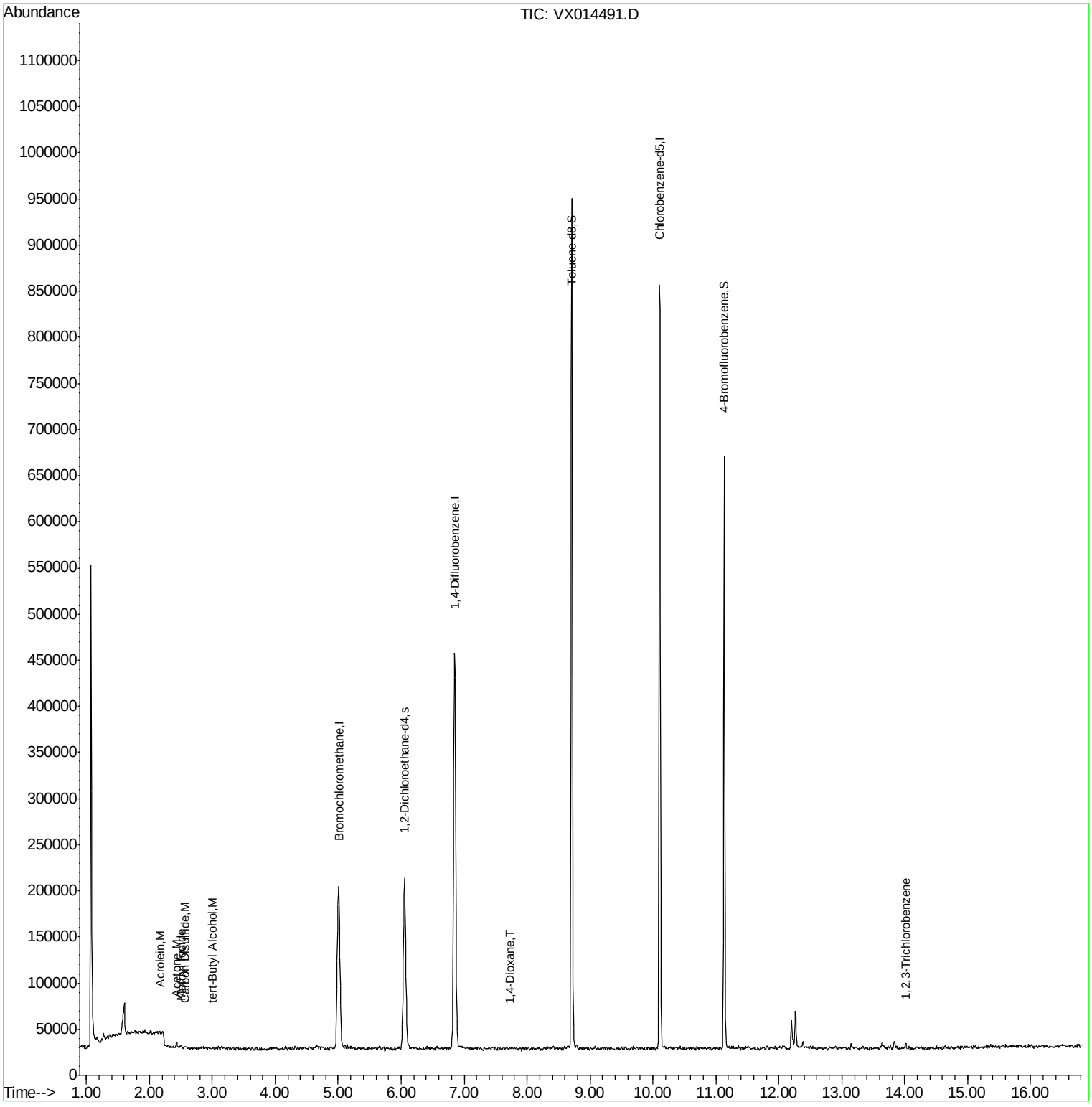
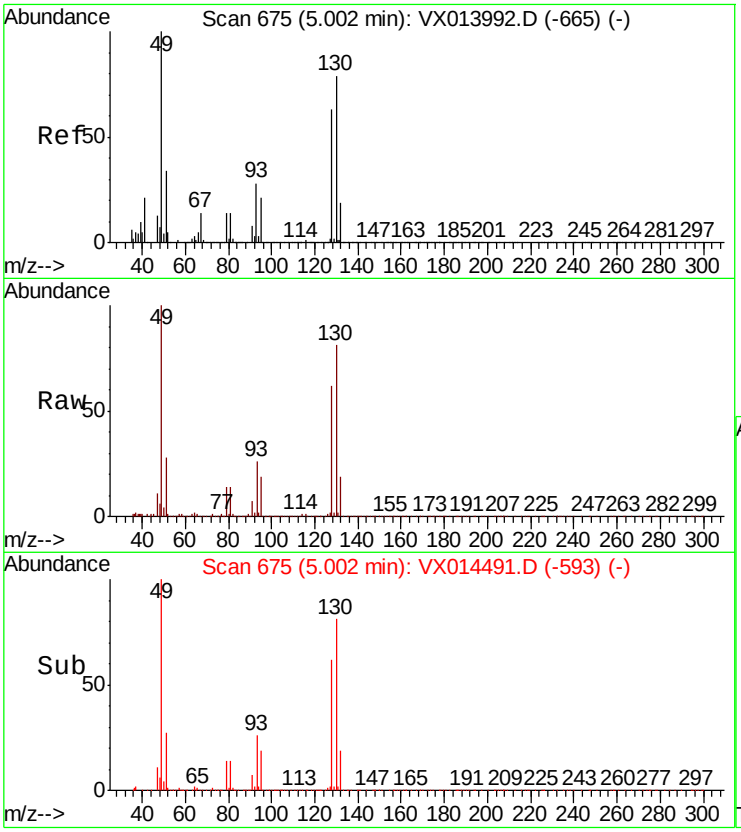


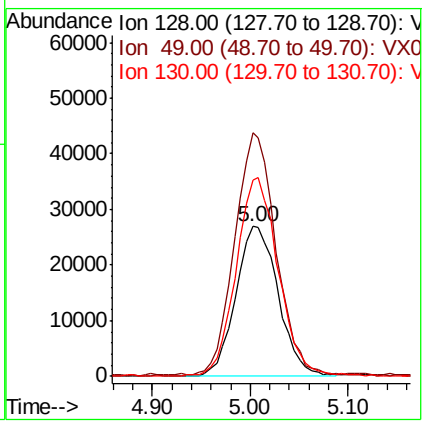


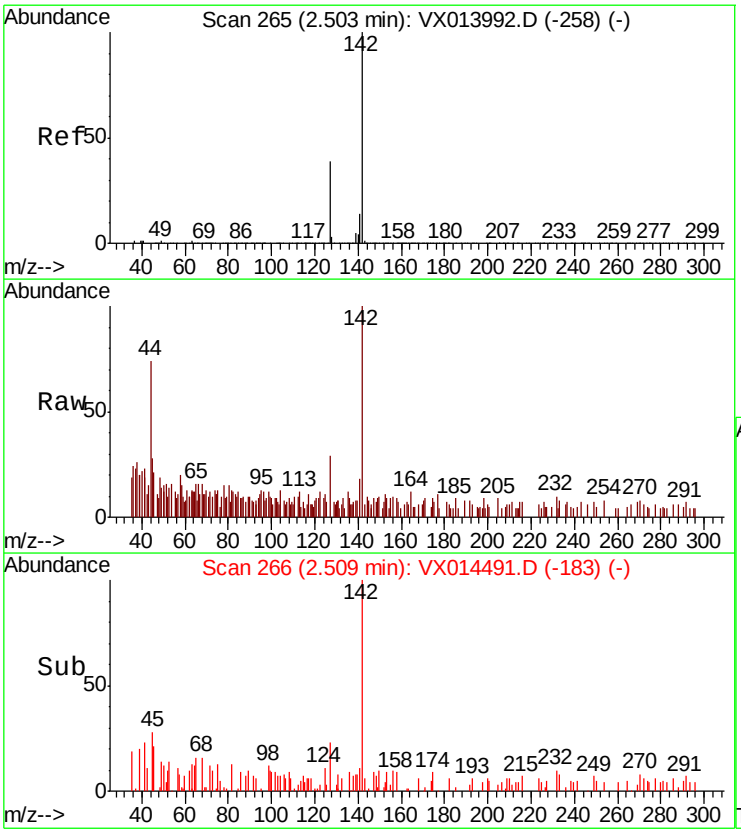
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014491.D
Acq: 09 Jan 2020 12:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 81500

Ion	Ratio	Lower	Upper
128	100		
49	156.4	0.0	405.0
130	130.5	0.0	321.5

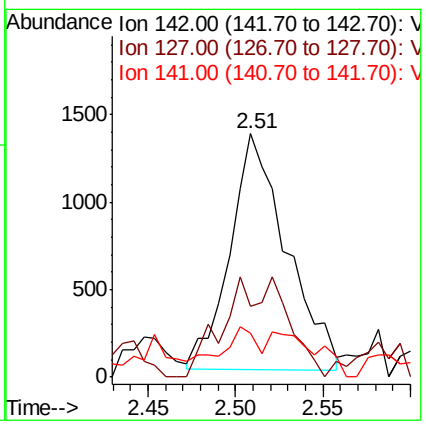


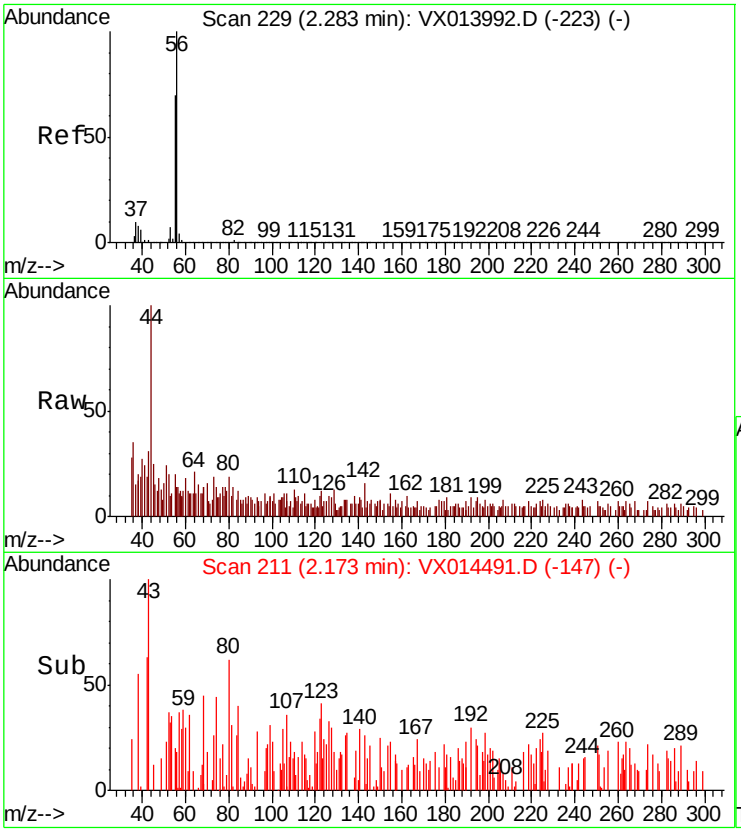


#11
Methyl Iodide
Concen: 0.515 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX014491.D
Acq: 09 Jan 2020 12:06

Tgt Ion:142 Resp: 3027

Ion	Ratio	Lower	Upper
142	100		
127	27.8	19.5	58.5
141	11.2	7.0	20.9



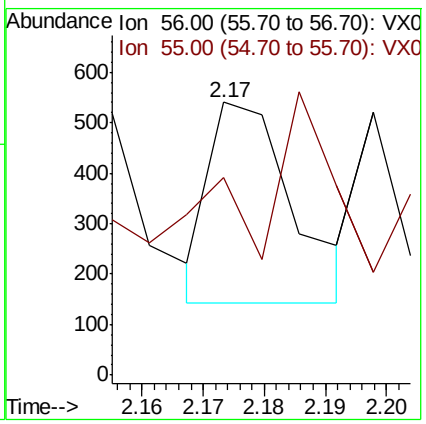


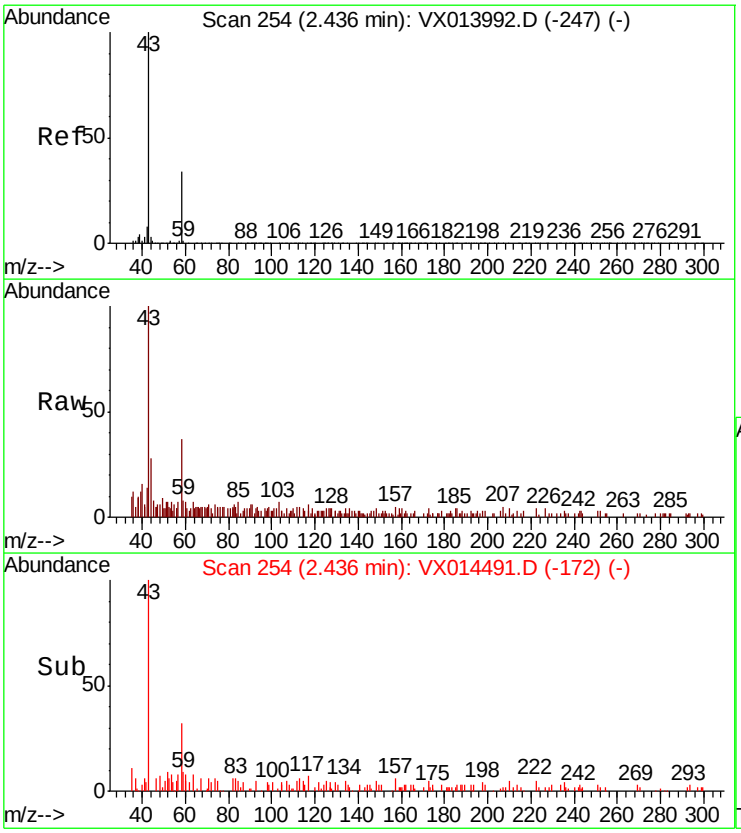
#13
Acrolein
Concen: 0.438 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.11 min
Lab File: VX014491.D
Acq: 09 Jan 2020 12:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 375

Ion	Ratio	Lower	Upper
56	100		
55	62.4	54.9	82.3

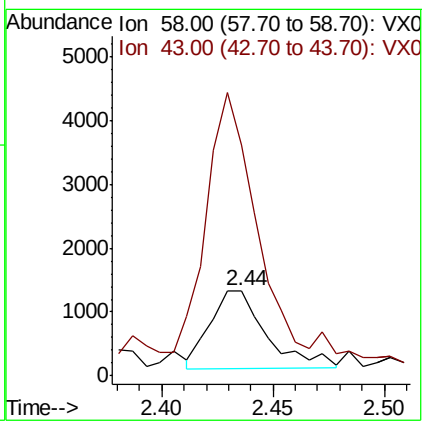


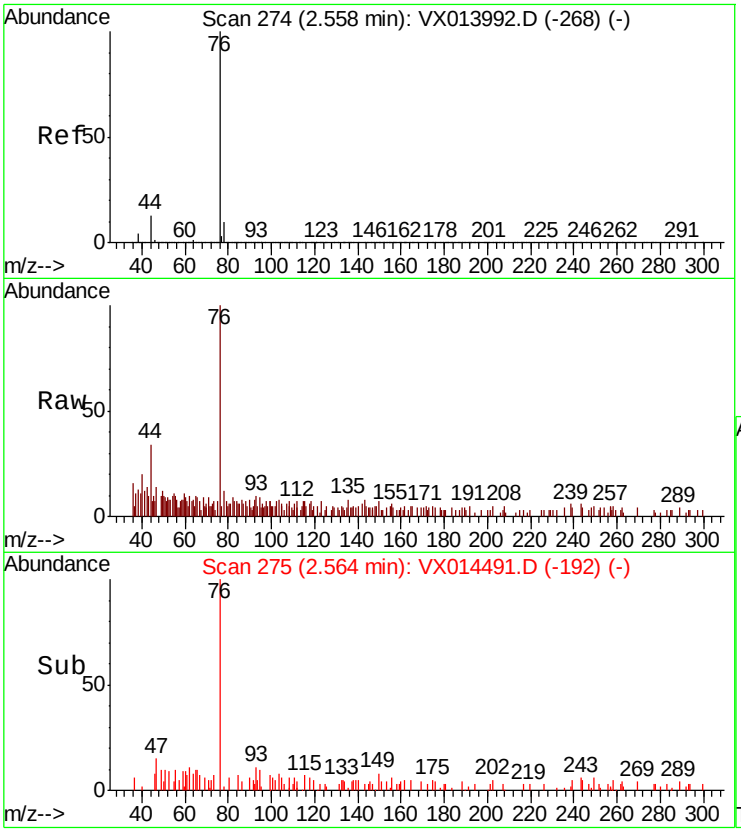


#15
Acetone
Concen: 2.651 ug/l
RT: 2.44 min Scan# 254
Delta R.T. -0.00 min
Lab File: VX014491.D
Acq: 09 Jan 2020 12:06

Tgt Ion: 58 Resp: 2151

Ion	Ratio	Lower	Upper
58	100		
43	282.1	236.3	354.5



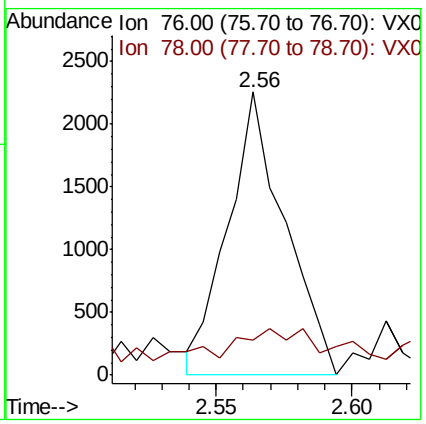


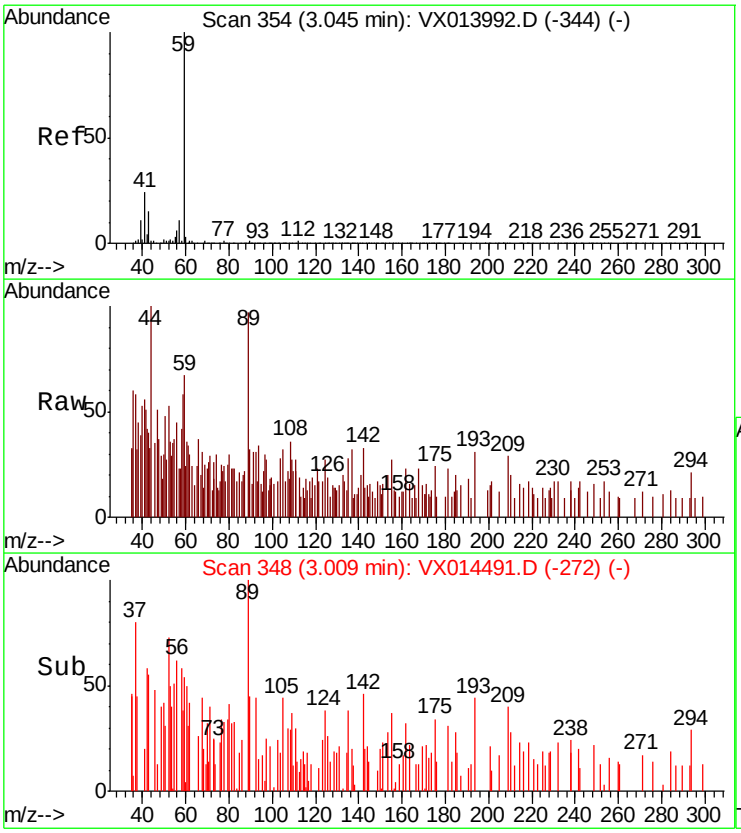
#16
Carbon Disulfide
Concen: 0.265 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014491.D
Acq: 09 Jan 2020 12:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 3280

Ion	Ratio	Lower	Upper
76	100		
78	4.1	7.8	11.8#

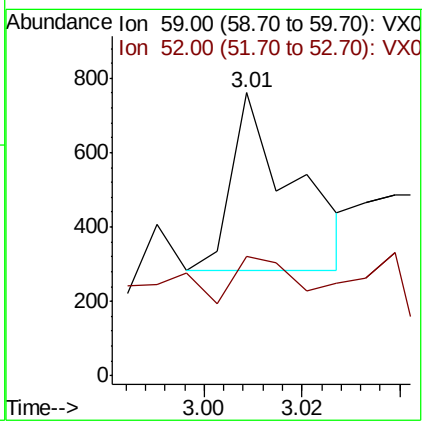


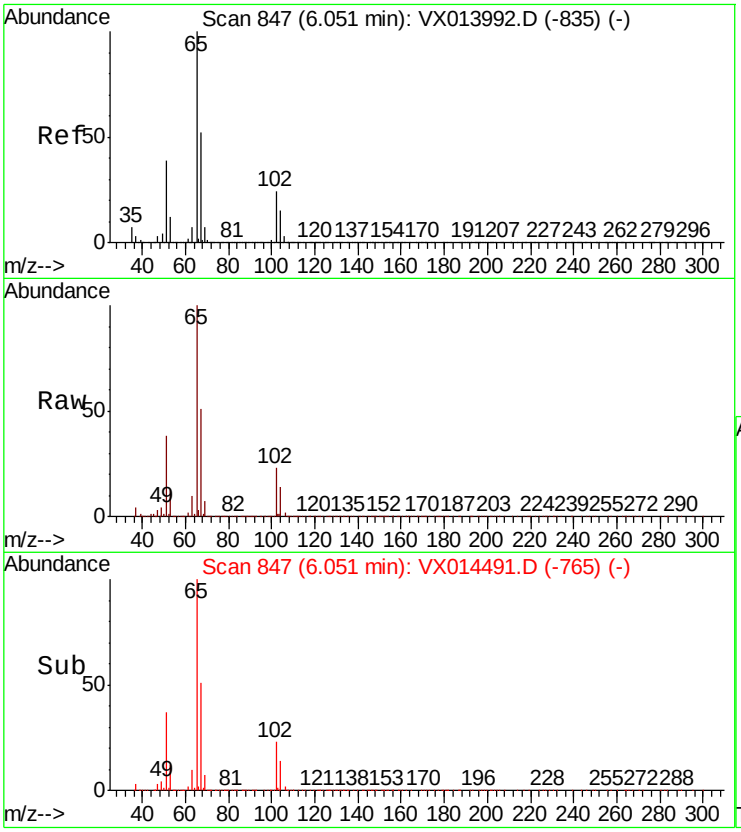


#23
tert-Butyl Alcohol
Concen: 0.391 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.04 min
Lab File: VX014491.D
Acq: 09 Jan 2020 12:06

Tgt Ion: 59 Resp: 424

Ion	Ratio	Lower	Upper
59	100		
52	52.6	0.2	0.2#



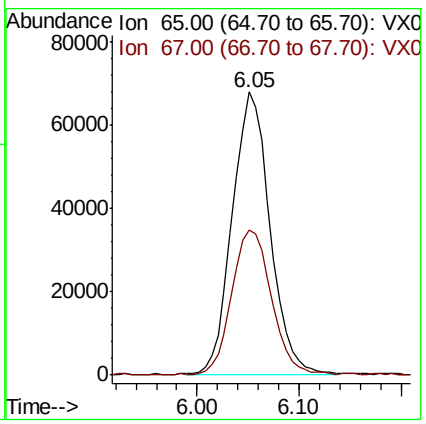


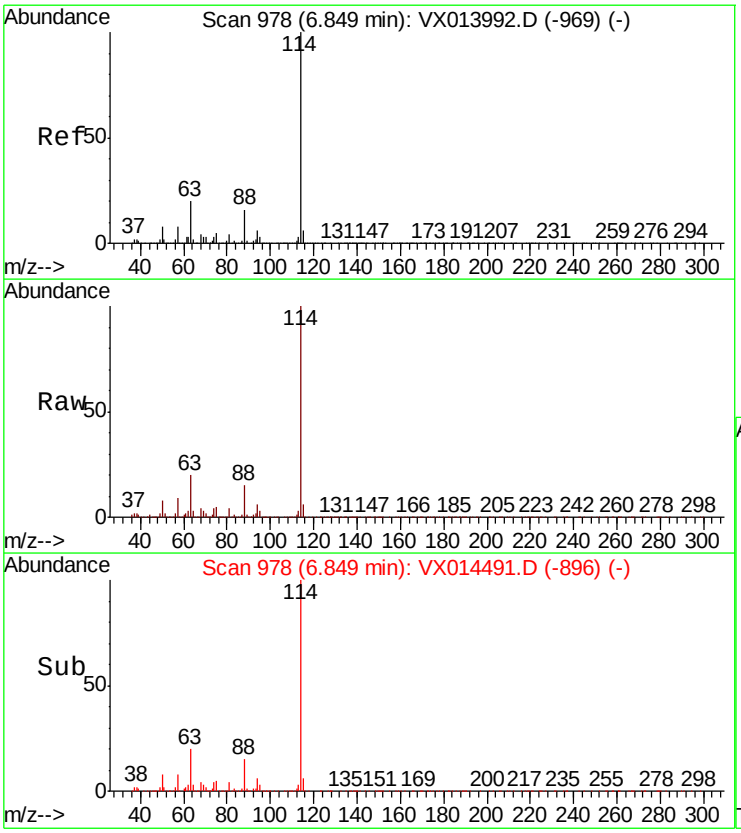
#27
1,2-Dichloroethane-d4
Concen: 29.916 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX014491.D
Acq: 09 Jan 2020 12:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 174613

Ion	Ratio	Lower	Upper
65	100		
67	53.4	43.1	64.7

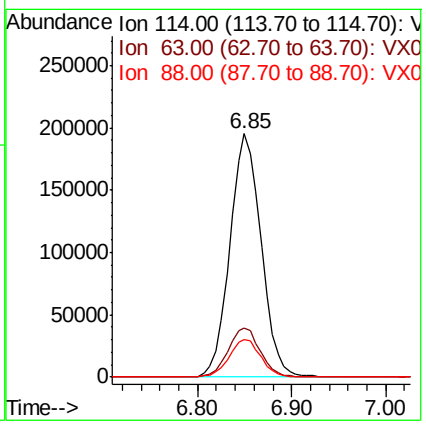


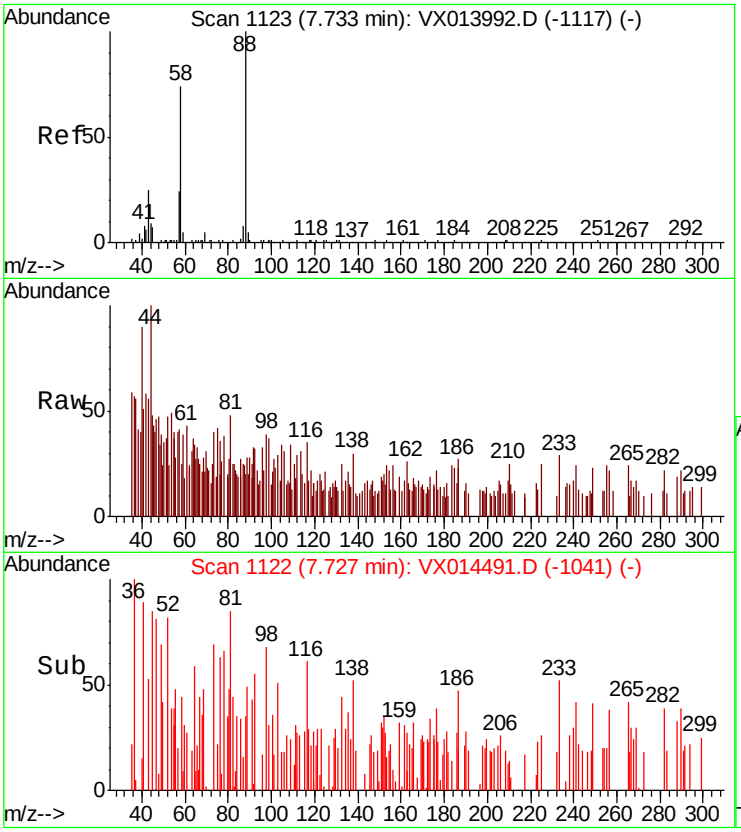


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014491.D
Acq: 09 Jan 2020 12:06

Tgt Ion:114 Resp: 450959

Ion	Ratio	Lower	Upper
114	100		
63	20.4	16.1	24.1
88	15.5	12.5	18.7



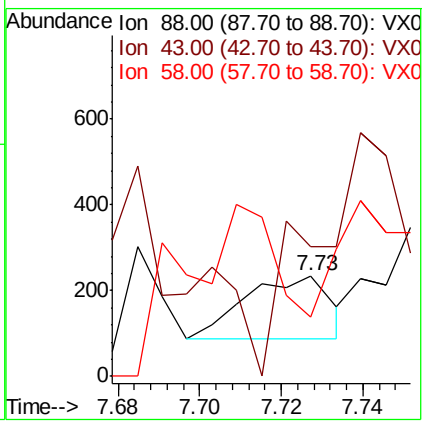


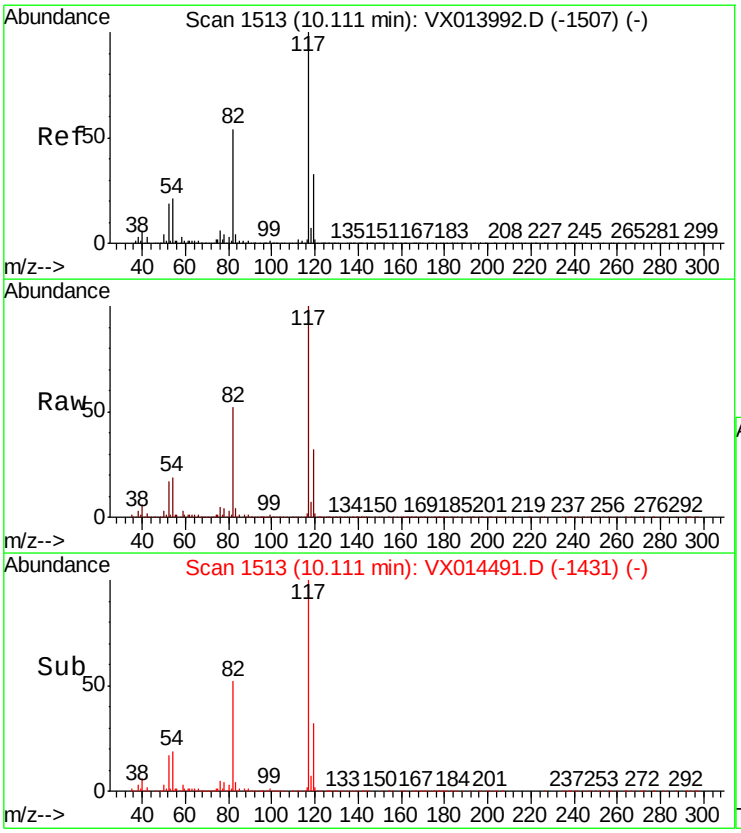
#45
1,4-Dioxane
Concen: 1.826 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014491.D
Acq: 09 Jan 2020 12:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 211

Ion	Ratio	Lower	Upper
88	100		
43	115.2	25.4	38.2#
58	0.0	56.5	84.7#

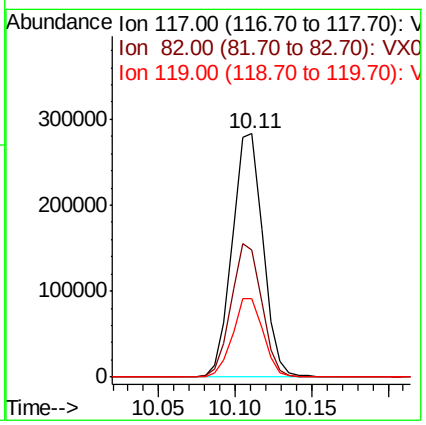


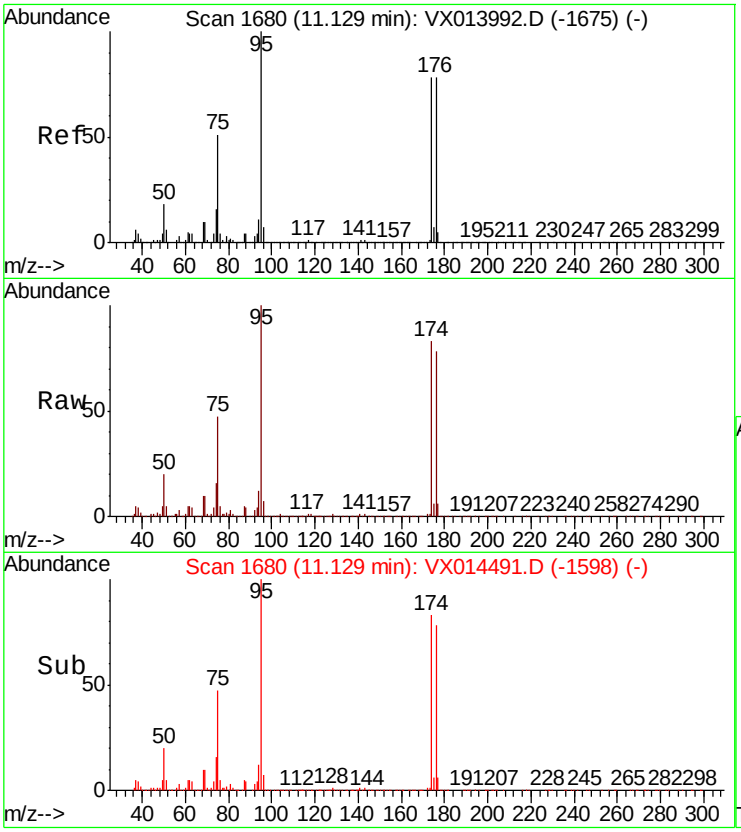


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014491.D
Acq: 09 Jan 2020 12:06

Tgt Ion:117 Resp: 395059

Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.8	65.6
119	32.2	25.8	38.6



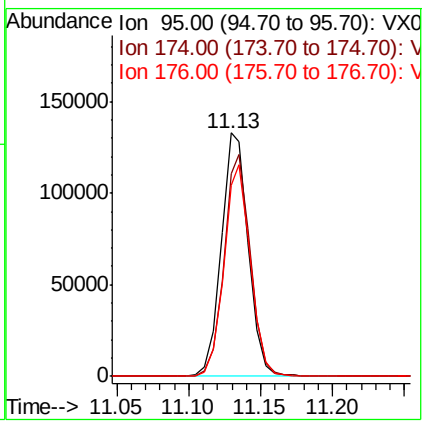


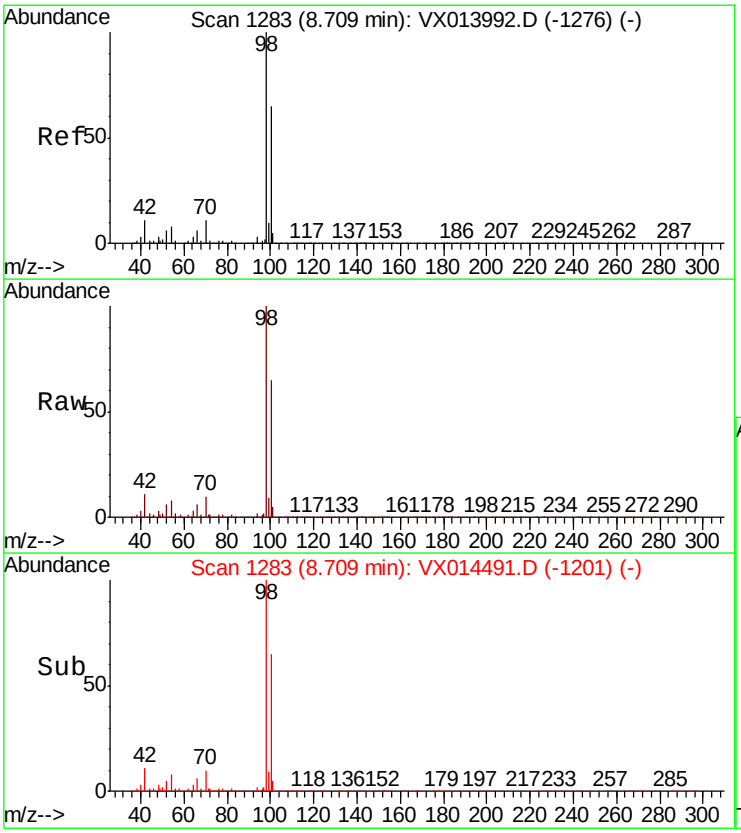
#60
4-Bromofluorobenzene
Concen: 27.478 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014491.D
Acq: 09 Jan 2020 12:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 175291

Ion	Ratio	Lower	Upper
95	100		
174	88.5	70.2	105.2
176	84.9	68.3	102.5

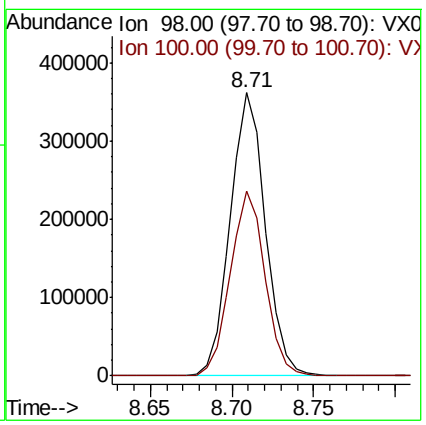


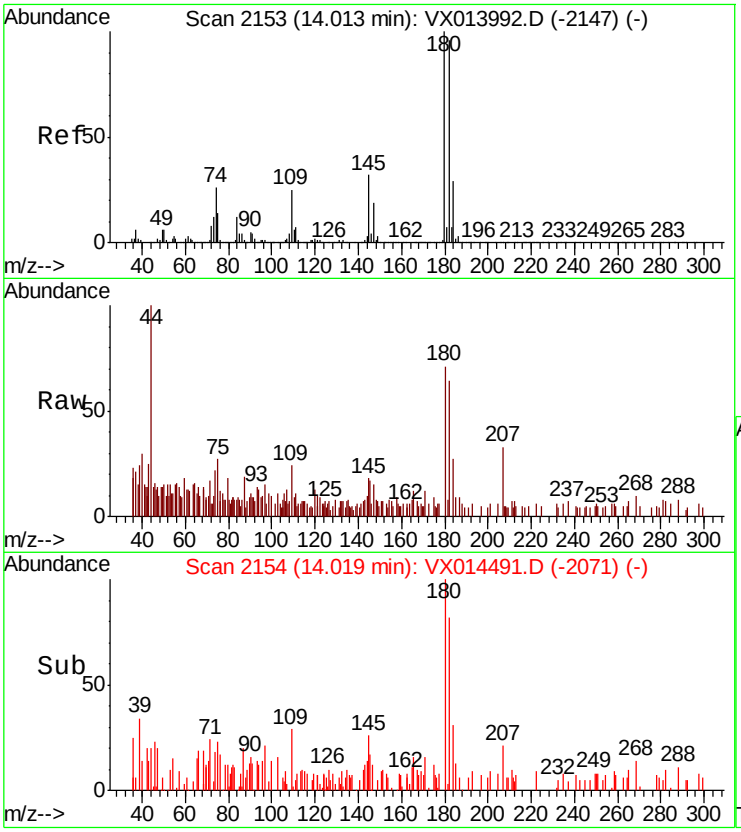


#63
Toluene-d8
Concen: 30.554 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014491.D
Acq: 09 Jan 2020 12:06

Tgt Ion: 98 Resp: 539541

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.2





#92
1,2,3-Trichlorobenzene
Concen: 0.210 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX014491.D
Acq: 09 Jan 2020 12:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 1451

Ion	Ratio	Lower	Upper
180	100		
182	108.6	0.0	192.8
145	52.9	0.0	60.0