Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040120\
Data File : VX015464.D
Acq On : 01 Apr 2020 13:46
Operator : JC/SP
Sample : L2048-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Apr 02 09:03:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 26 02:31:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	4.98	128	184043	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.84	114	1032408	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.10	117	908222	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.03	65	454231	31.58	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 105.27%				
60) 4-Bromofluorobenzene	11.12	95	460622	29.64	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 98.80%				
63) Toluene-d8	8.70	98	1204772	31.22	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 104.07%				
Target Compounds							Qvalue
13) Acrolein	2.22	56	845	0.443	ug/l		86
14) Acrylonitrile	3.12	53	2910	0.464	ug/l		68
15) Acetone	2.42	58	5417	3.393	ug/l		76
16) Carbon Disulfide	2.55	76	9100	0.311	ug/l		98
17) Allyl chloride	2.57	41	13409	0.593	ug/l		86
23) tert-Butyl Alcohol	3.01	59	665	0.215	ug/l	#	84
45) 1,4-Dioxane	8.03	88	415	1.384	ug/l		92
84) 1,4-Dichlorobenzene	12.09	146	5220	0.210	ug/l		81
89) 1,2,4-Trichlorobenzene	13.63	180	5268	0.269	ug/l	#	83
90) Hexachlorobutadiene	13.77	225	3421	0.332	ug/l		92
91) Naphthalene	13.82	128	13452	0.238	ug/l	#	97
92) 1,2,3-Trichlorobenzene	14.01	180	5218	0.269	ug/l		91

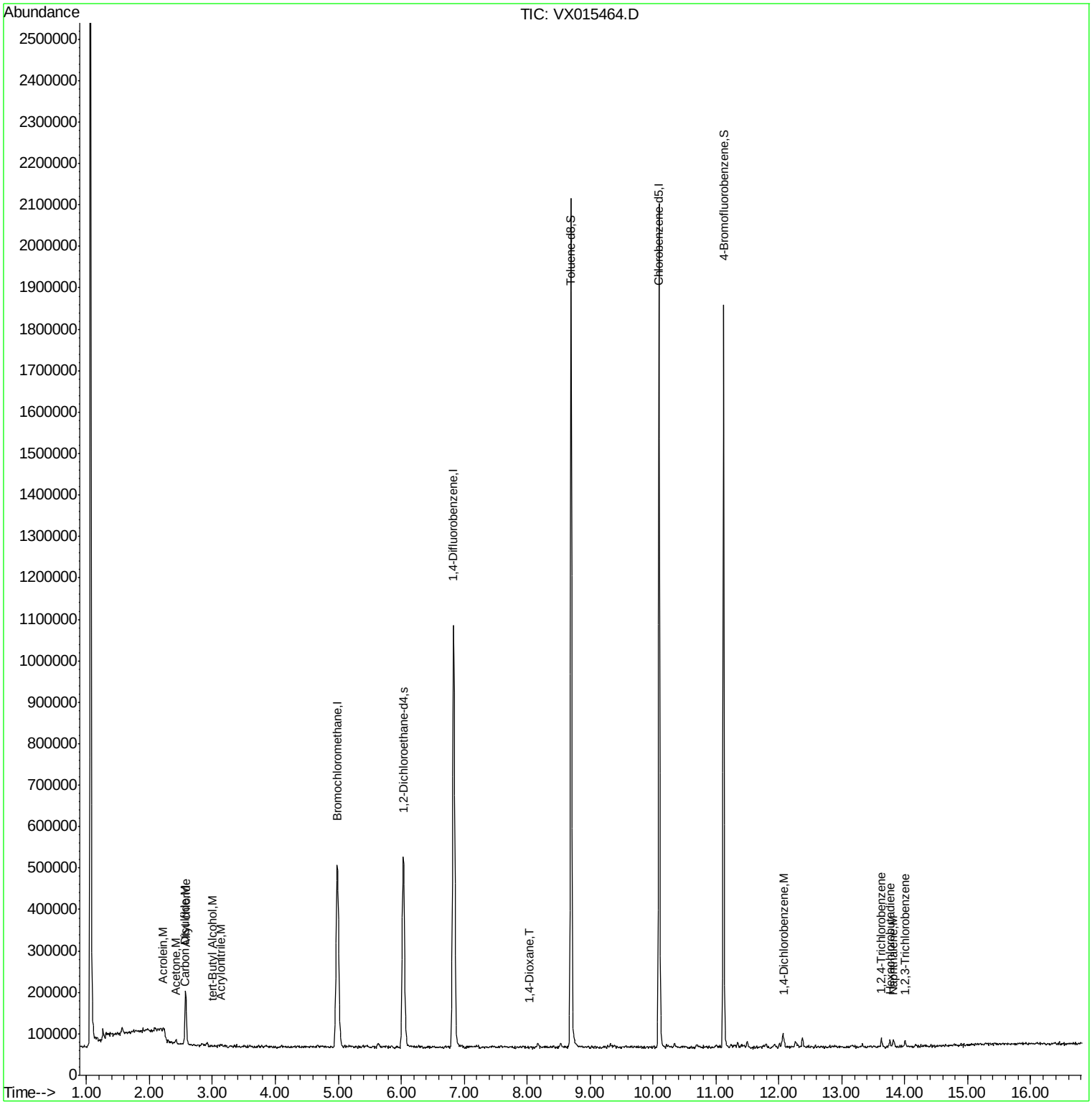
(#) = qualifier out of range (m) = manual integration (+) = signals summed

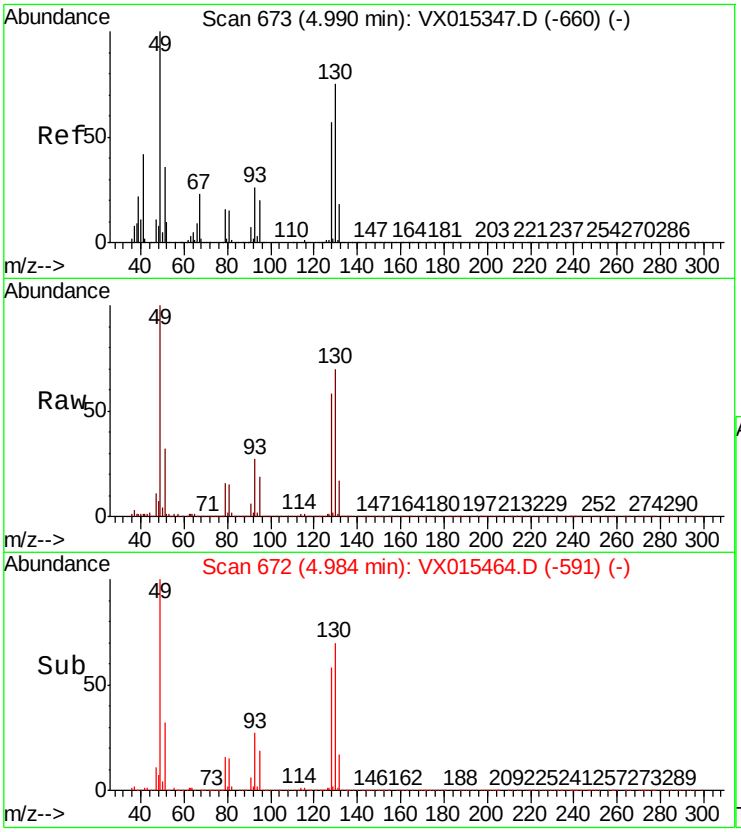
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040120\
Data File : VX015464.D
Acq On : 01 Apr 2020 13:46
Operator : JC/SP
Sample : L2048-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 02 09:03:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 26 02:31:53 2020
Response via : Initial Calibration



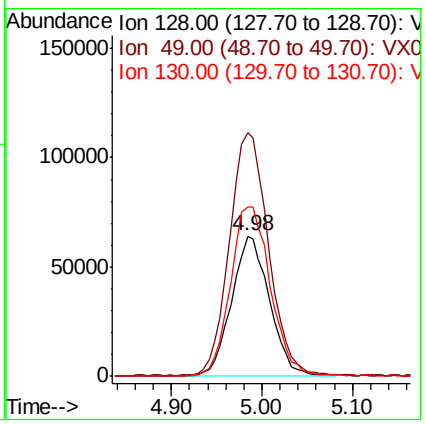


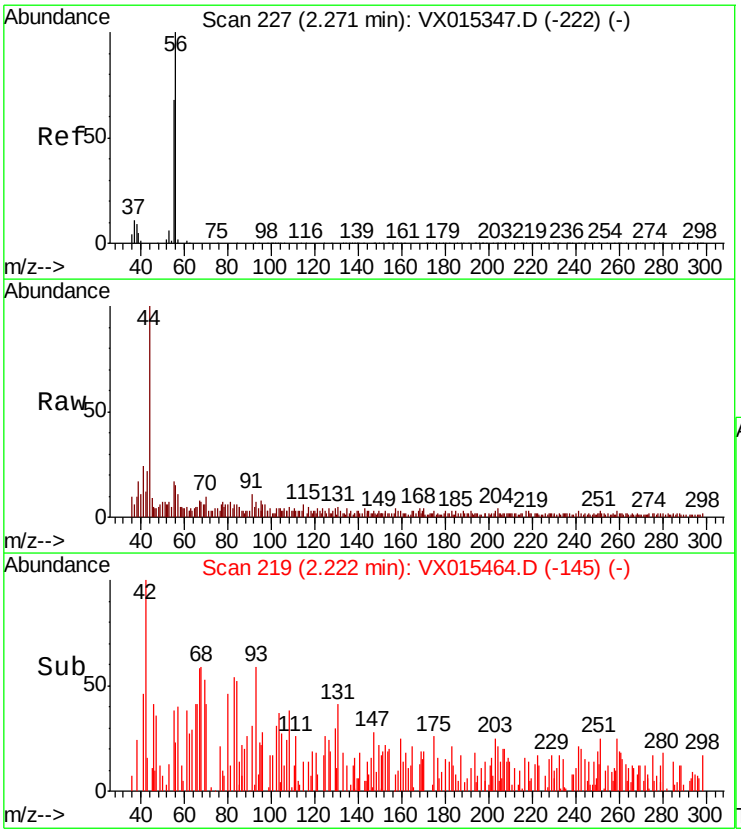
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.01 min
Lab File: VX015464.D
Acq: 01 Apr 2020 13:46

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 184043

Ion	Ratio	Lower	Upper
128	100		
49	179.0	0.0	428.0
130	128.1	0.0	324.5

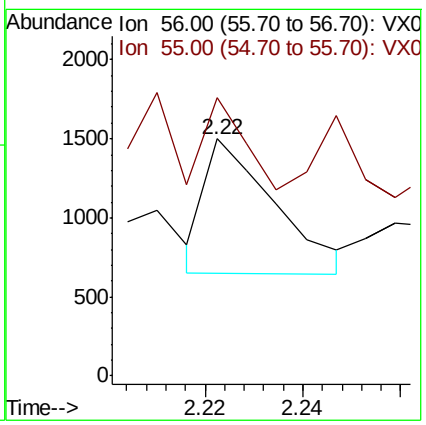


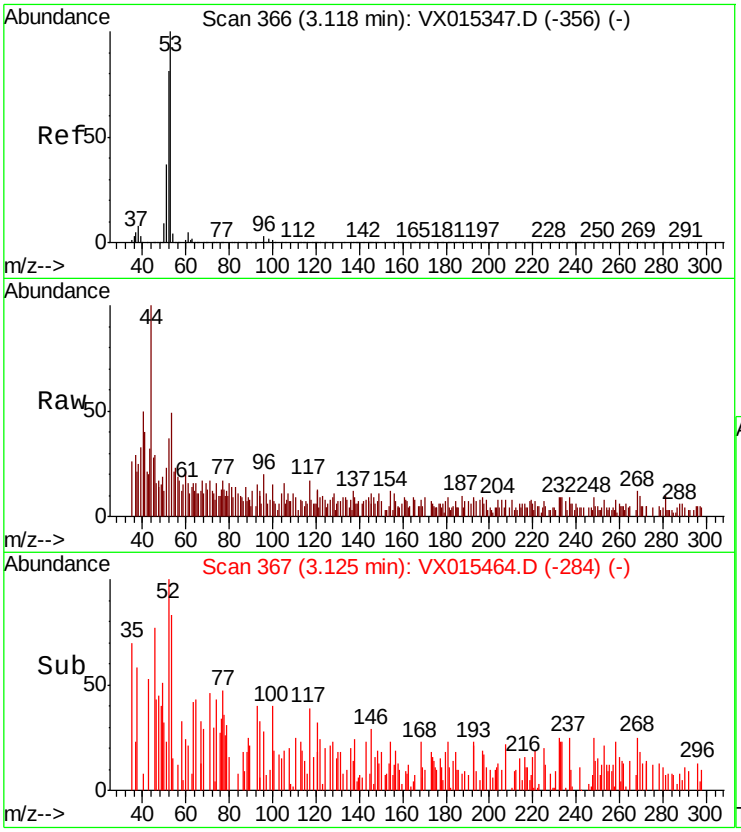


#13
Acrolein
Concen: 0.443 ug/l
RT: 2.22 min Scan# 219
Delta R.T. -0.05 min
Lab File: VX015464.D
Acq: 01 Apr 2020 13:46

Tgt Ion: 56 Resp: 845

Ion	Ratio	Lower	Upper
56	100		
55	78.3	53.5	80.3



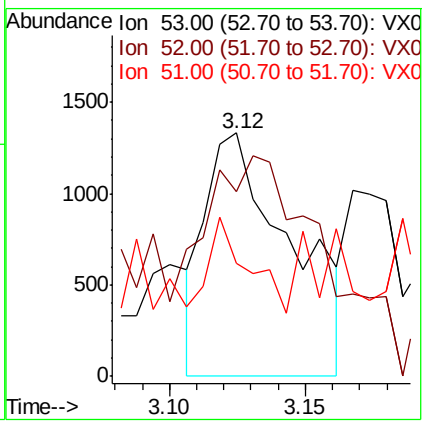


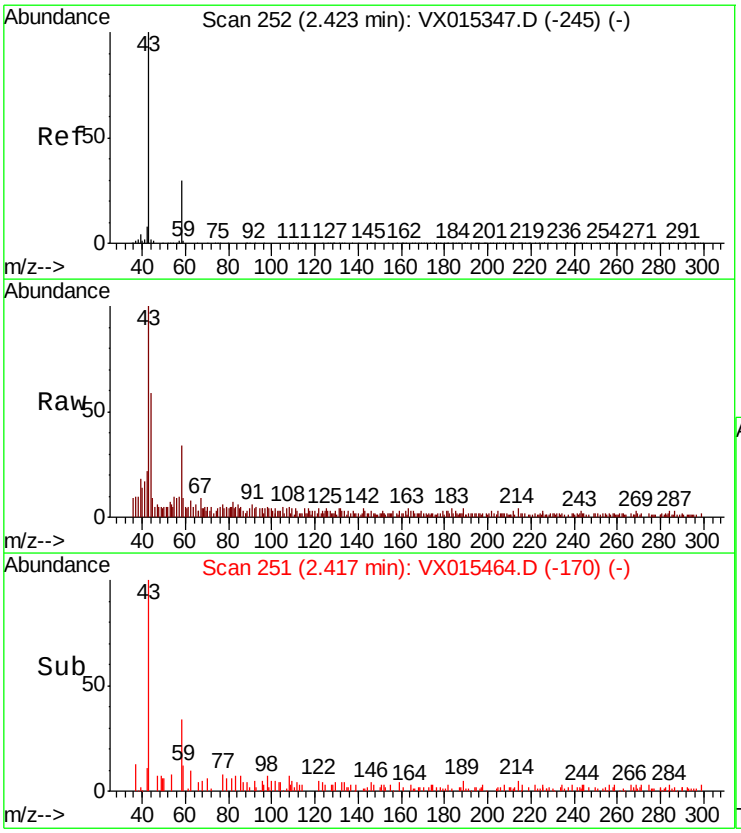
#14
Acrylonitrile
Concen: 0.464 ug/l
RT: 3.12 min Scan# 367
Delta R.T. 0.01 min
Lab File: VX015464.D
Acq: 01 Apr 2020 13:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 2910

Ion	Ratio	Lower	Upper
53	100		
52	50.2	41.0	123.2
51	22.8	18.4	55.4

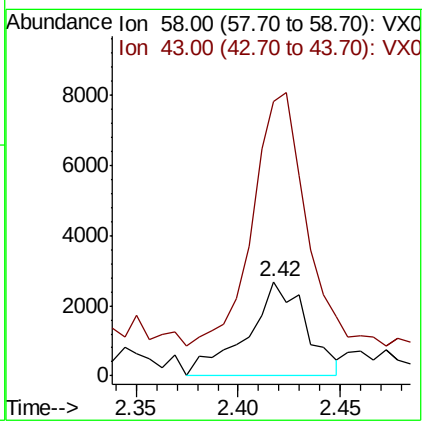


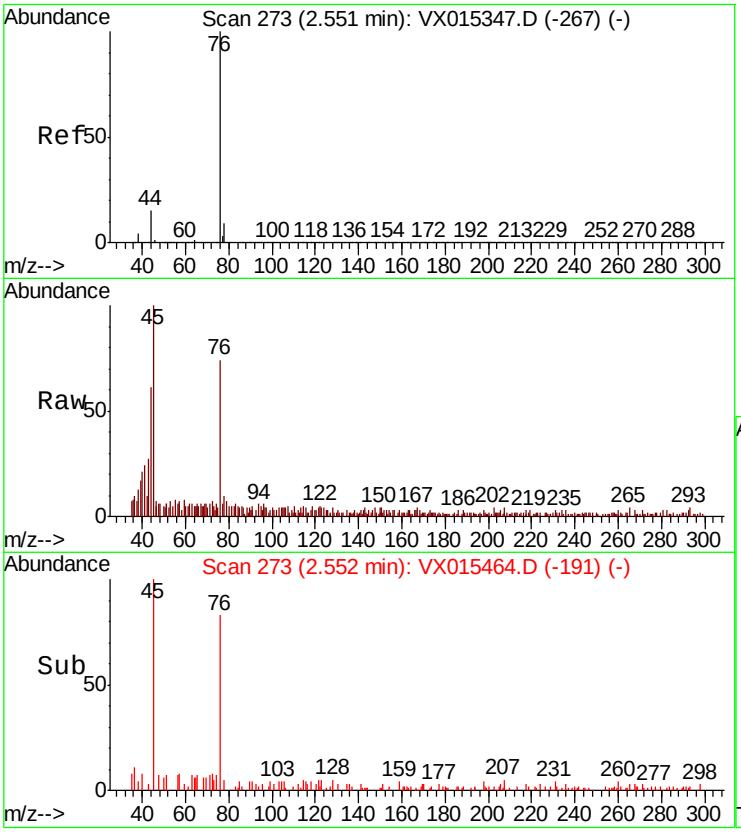


#15
Acetone
Concen: 3.393 ug/l
RT: 2.42 min Scan# 251
Delta R.T. -0.01 min
Lab File: VX015464.D
Acq: 01 Apr 2020 13:46

Tgt Ion: 58 Resp: 5417

Ion	Ratio	Lower	Upper
58	100		
43	283.8	267.8	401.8



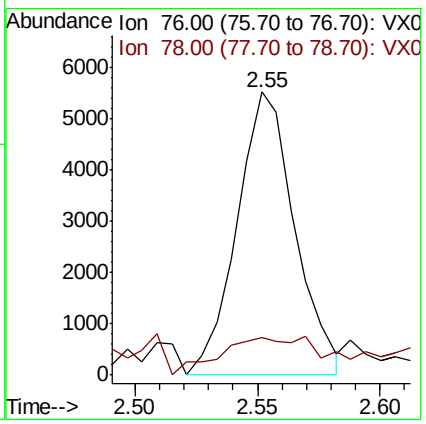


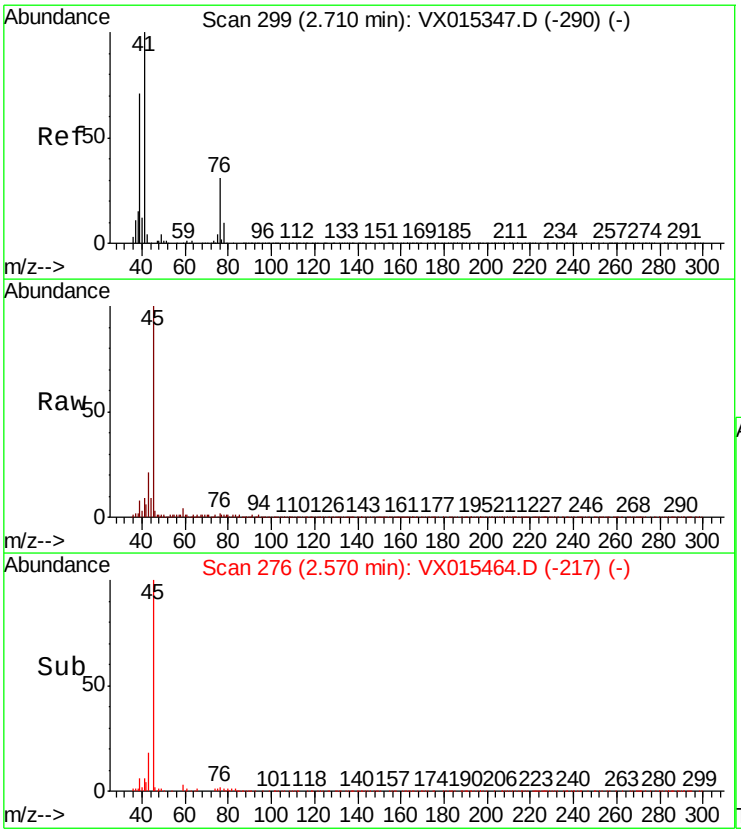
#16
Carbon Disulfide
Concen: 0.311 ug/l
RT: 2.55 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015464.D
Acq: 01 Apr 2020 13:46

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 9100

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.4	11.2

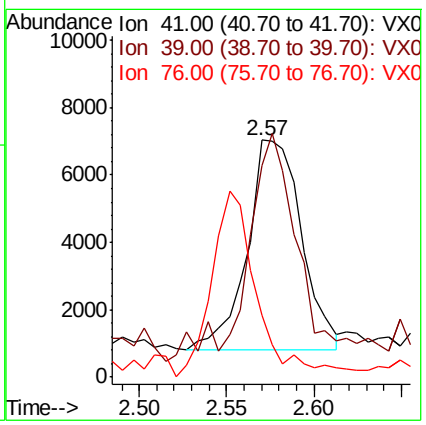


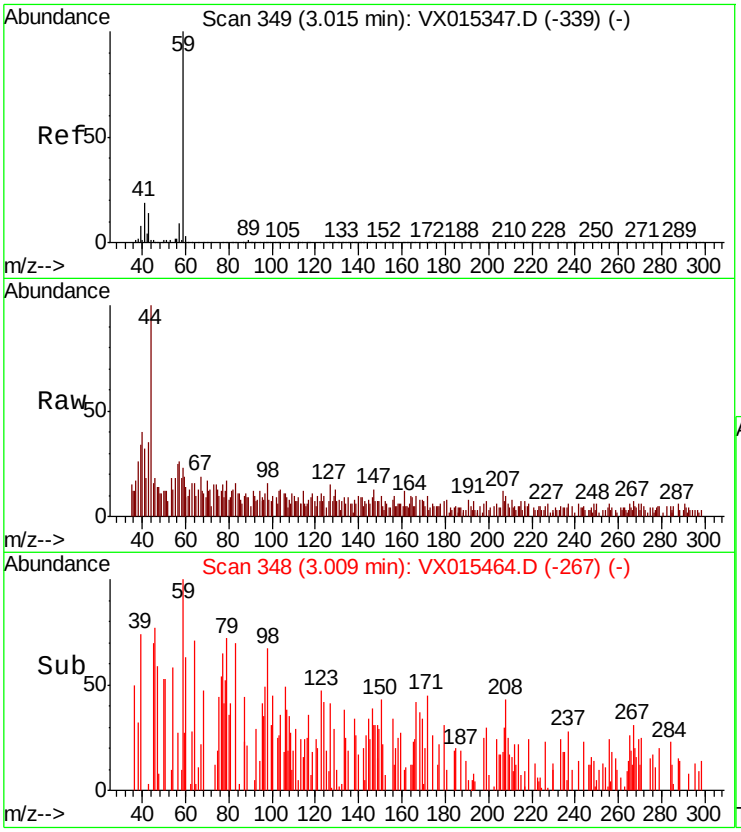


#17
Allyl chloride
Concen: 0.593 ug/l
RT: 2.57 min Scan# 276
Delta R.T. -0.14 min
Lab File: VX015464.D
Acq: 01 Apr 2020 13:46

Tgt Ion: 41 Resp: 13409

Ion	Ratio	Lower	Upper
41	100		
39	83.7	35.6	106.8
76	25.0	15.4	46.4



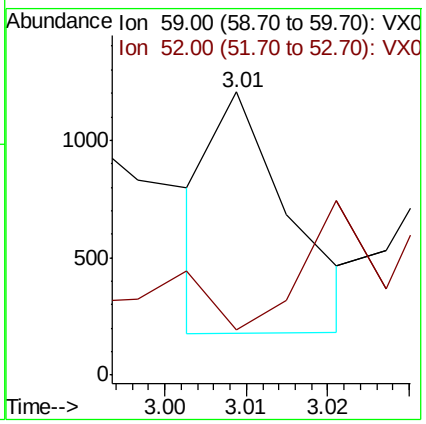


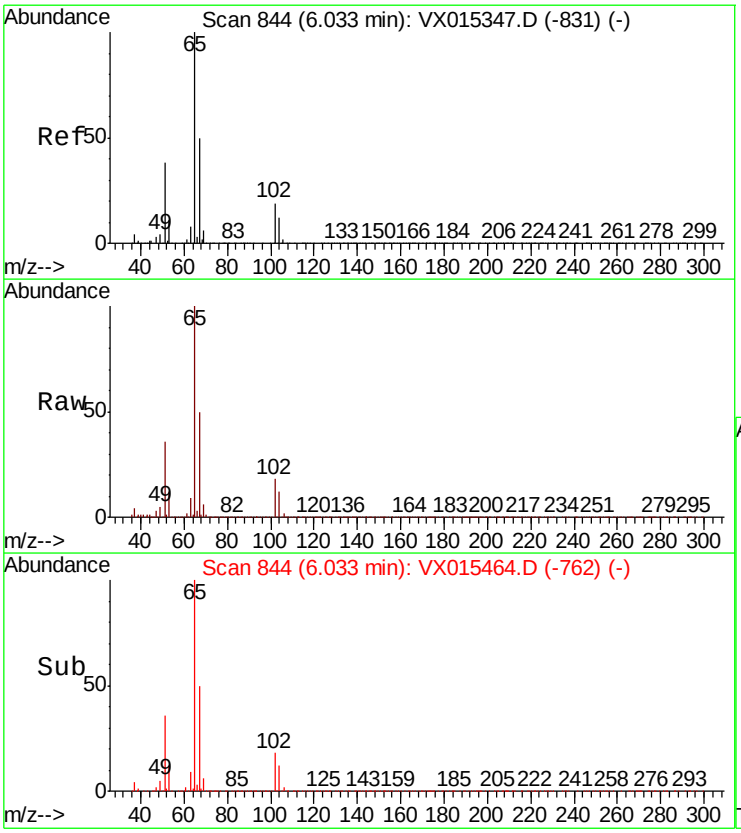
#23
tert-Butyl Alcohol
Concen: 0.215 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015464.D
Acq: 01 Apr 2020 13:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 665

Ion	Ratio	Lower	Upper
59	100		
52	20.6	0.2	0.2#

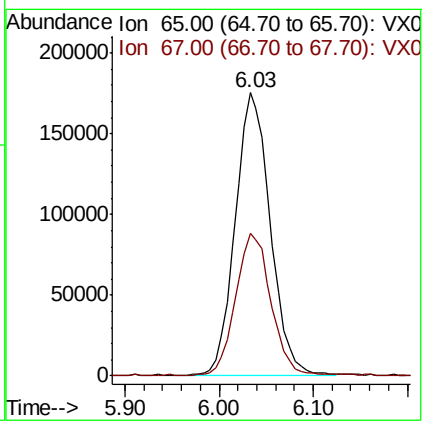


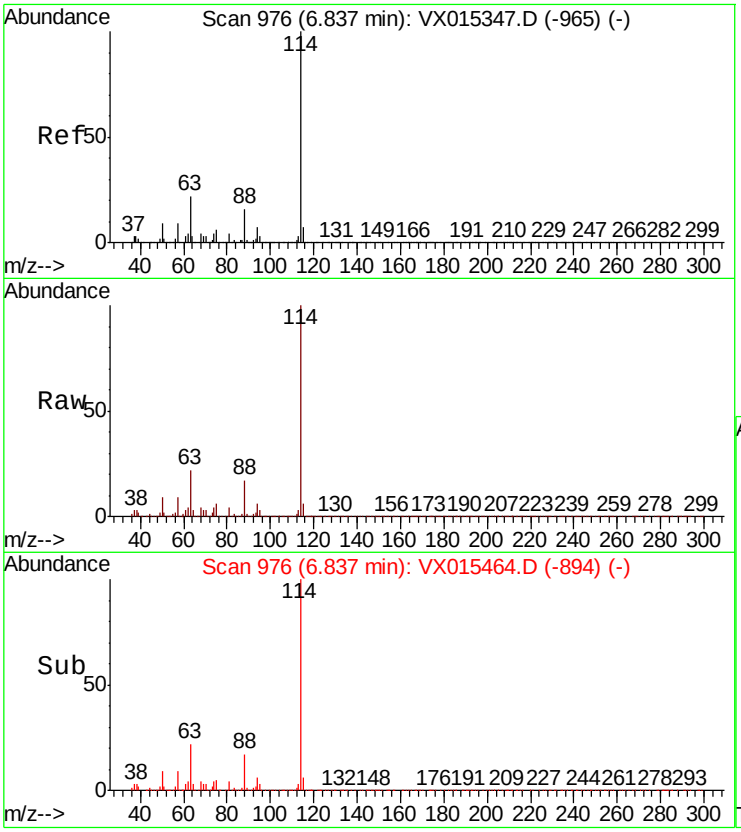


#27
1,2-Dichloroethane-d4
Concen: 31.584 ug/l
RT: 6.03 min Scan# 844
Delta R.T. 0.00 min
Lab File: VX015464.D
Acq: 01 Apr 2020 13:46

Tgt Ion: 65 Resp: 454231

Ion	Ratio	Lower	Upper
65	100		
67	50.1	40.9	61.3



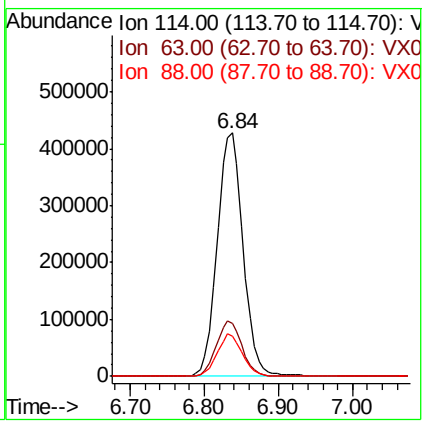


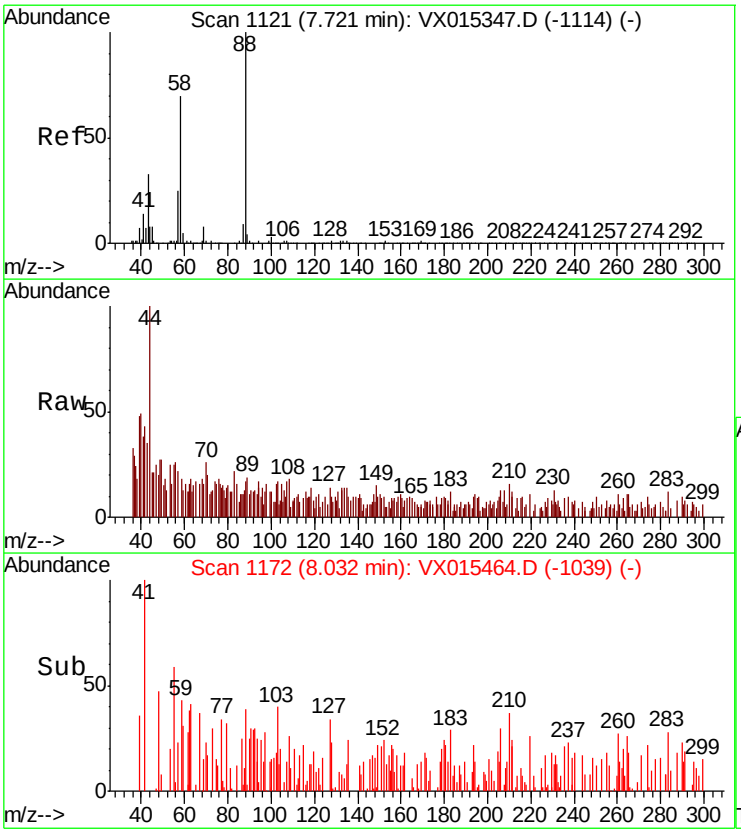
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.84 min Scan# 976
Delta R.T. 0.00 min
Lab File: VX015464.D
Acq: 01 Apr 2020 13:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 1032408

Ion	Ratio	Lower	Upper
114	100		
63	22.2	17.4	26.2
88	16.7	12.9	19.3

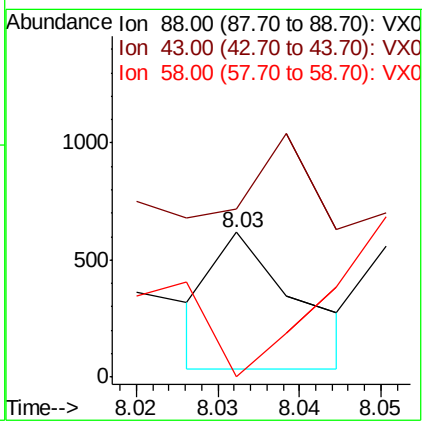


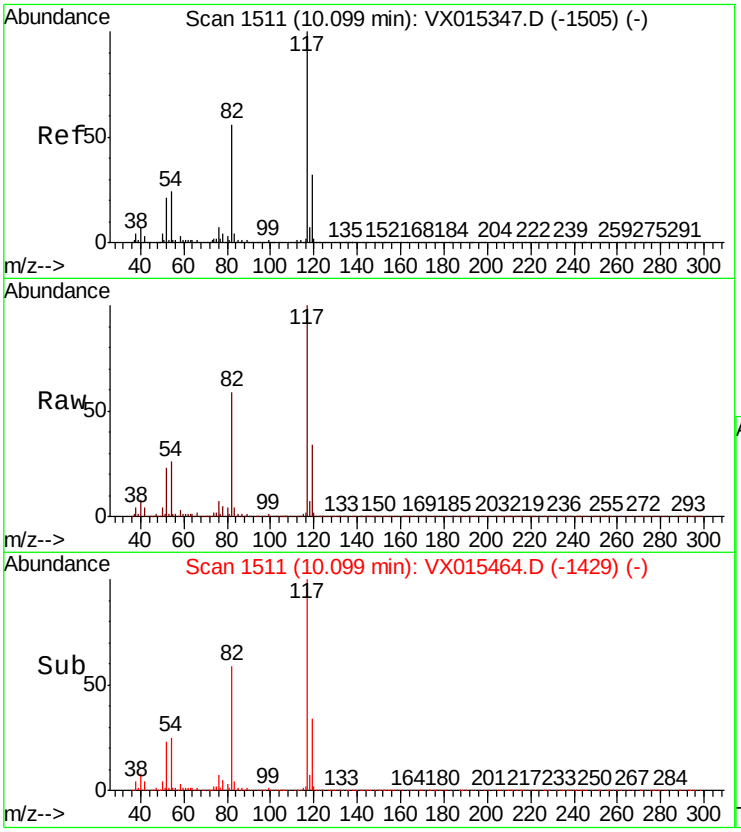


#45
1,4-Dioxane
Concen: 1.384 ug/l
RT: 8.03 min Scan# 1172
Delta R.T. 0.31 min
Lab File: VX015464.D
Acq: 01 Apr 2020 13:46

Tgt Ion: 88 Resp: 415

Ion	Ratio	Lower	Upper
88	100		
43	43.9	32.1	48.1
58	66.3	59.4	89.0



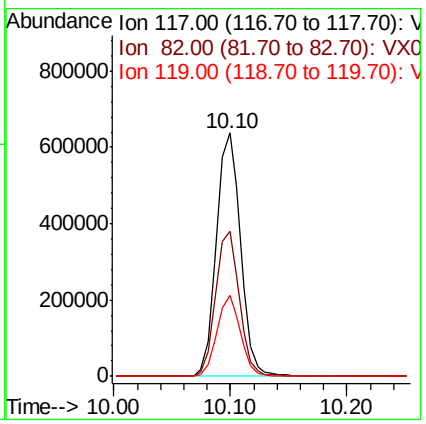


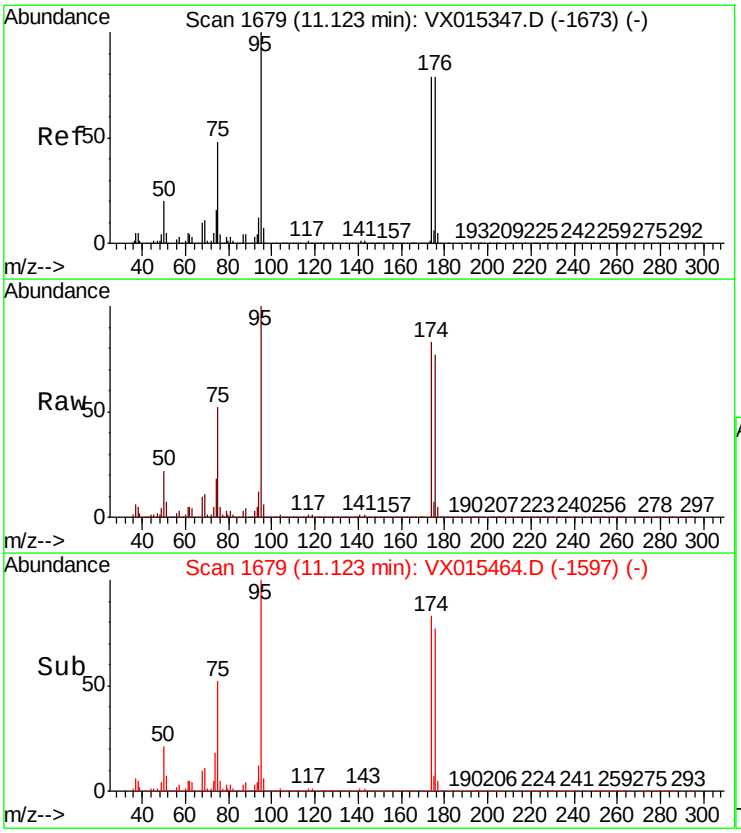
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015464.D
Acq: 01 Apr 2020 13:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 908222

Ion	Ratio	Lower	Upper
117	100		
82	58.7	45.0	67.6
119	32.2	25.5	38.3

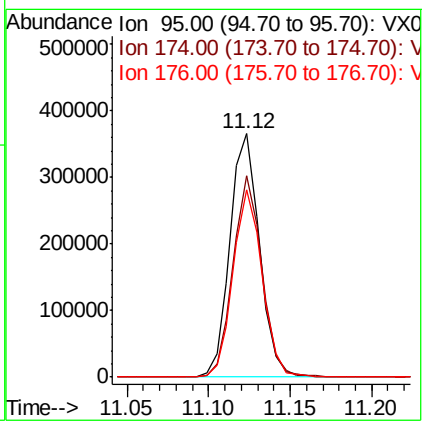


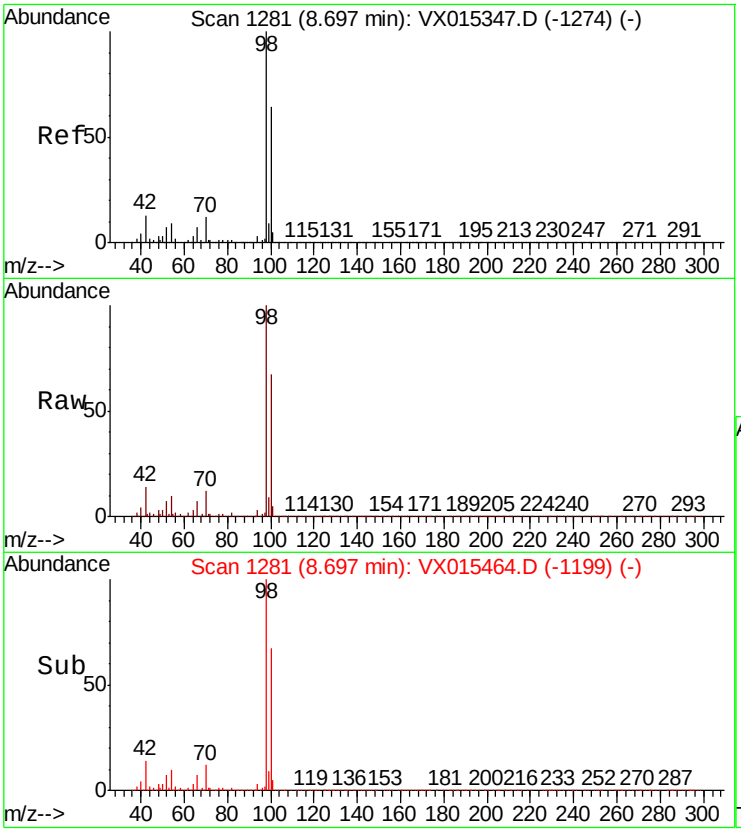


#60
4-Bromofluorobenzene
Concen: 29.635 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015464.D
Acq: 01 Apr 2020 13:46

Tgt Ion: 95 Resp: 460622

Ion	Ratio	Lower	Upper
95	100		
174	80.3	66.4	99.6
176	75.5	64.1	96.1



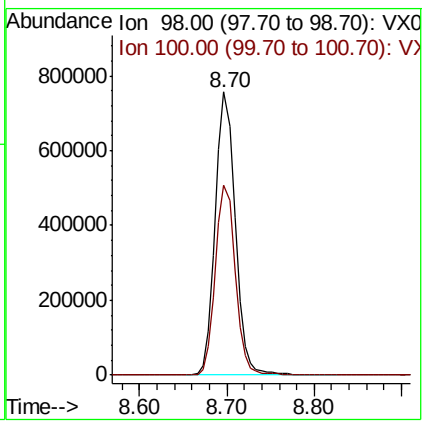


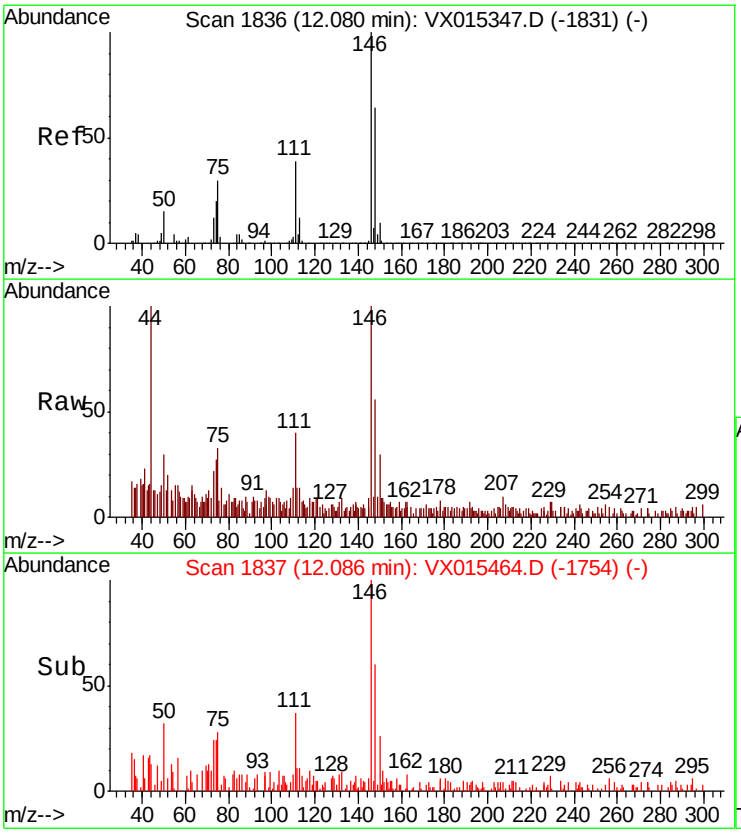
#63
Toluene-d8
Concen: 31.222 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015464.D
Acq: 01 Apr 2020 13:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 1204772

Ion	Ratio	Lower	Upper
98	100		
100	66.8	52.2	78.2

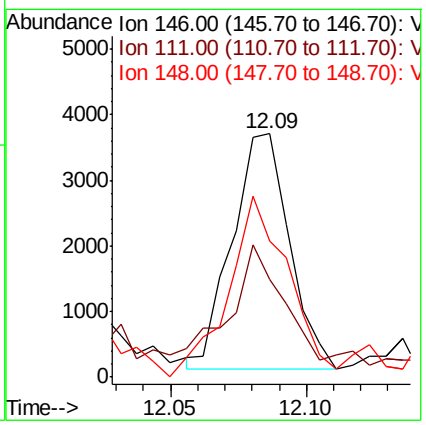


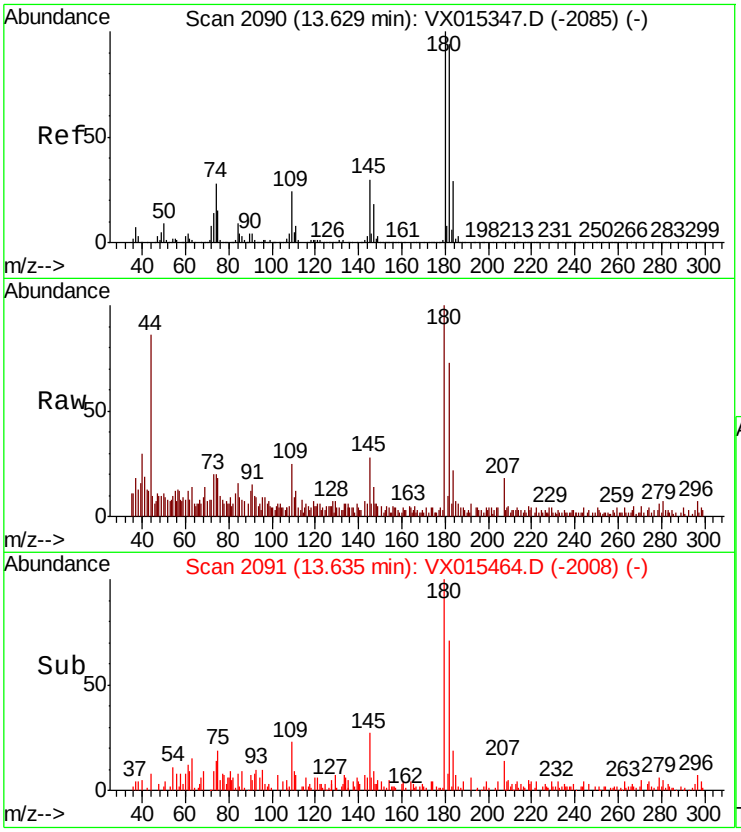


#84
1,4-Dichlorobenzene
Concen: 0.210 ug/l
RT: 12.09 min Scan# 1837
Delta R.T. 0.01 min
Lab File: VX015464.D
Acq: 01 Apr 2020 13:46

Tgt Ion:146 Resp: 5220

Ion	Ratio	Lower	Upper
146	100		
111	46.0	18.9	56.9
148	80.5	31.4	94.3



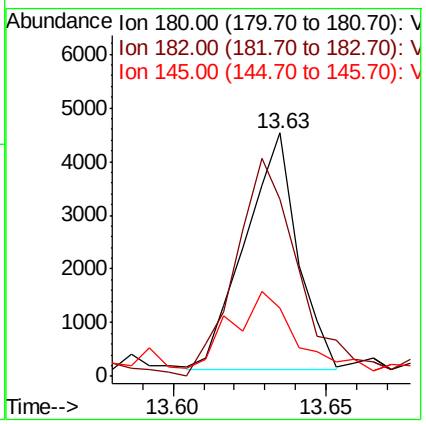


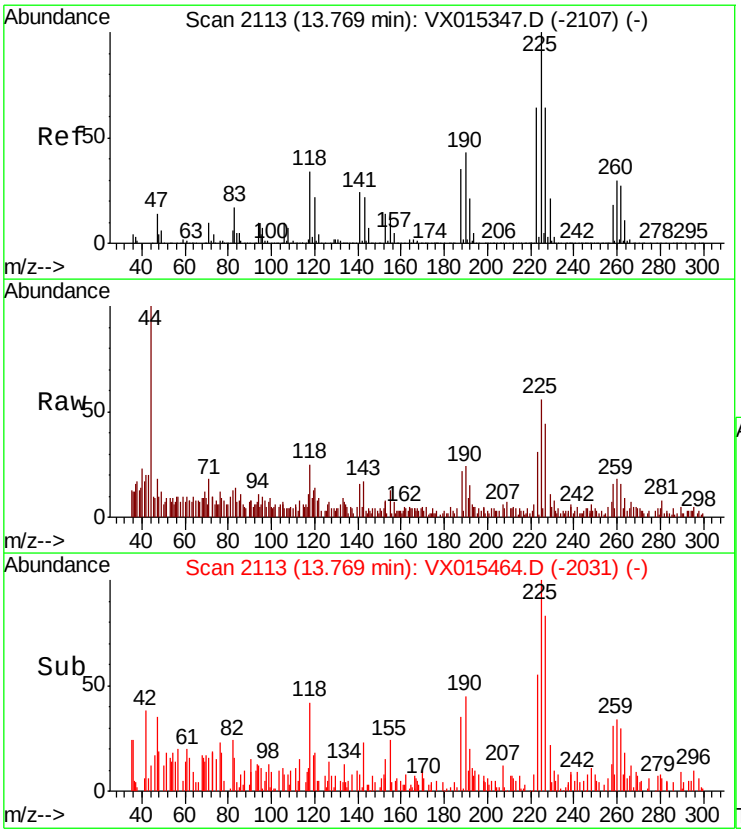
#89
1,2,4-Trichlorobenzene
Concen: 0.269 ug/l
RT: 13.63 min Scan# 2091
Delta R.T. 0.01 min
Lab File: VX015464.D
Acq: 01 Apr 2020 13:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 5268

Ion	Ratio	Lower	Upper
180	100		
182	111.4	76.9	115.3
145	42.1	24.3	36.5#

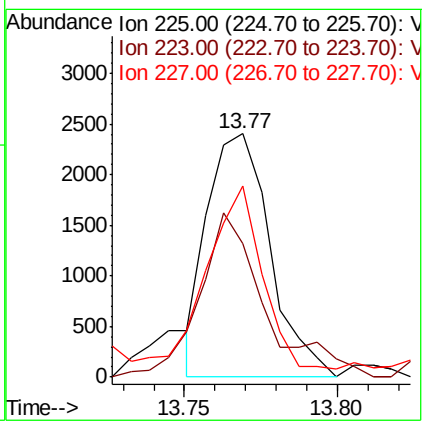


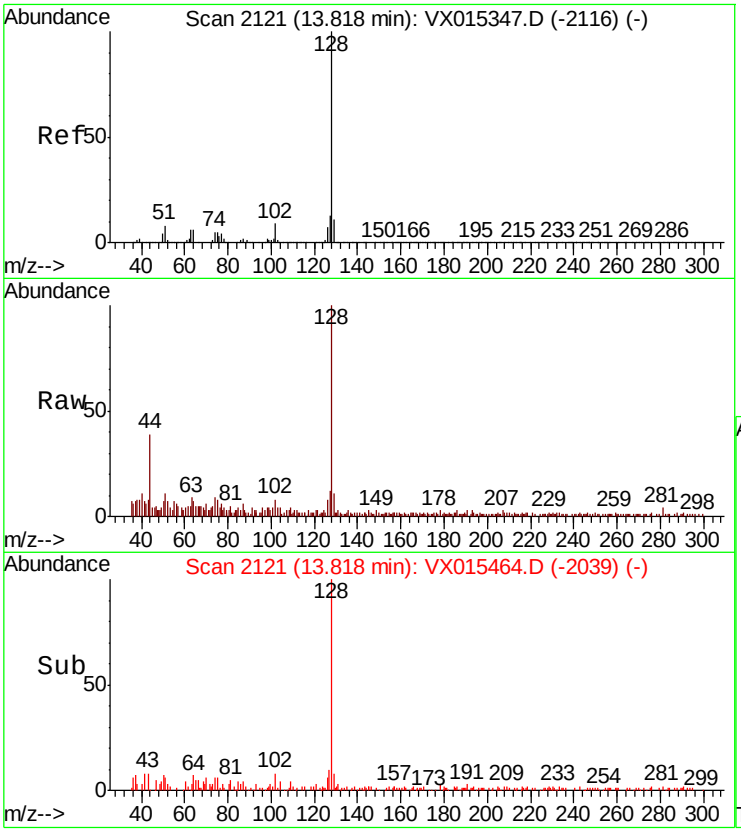


#90
Hexachlorobutadiene
Concen: 0.332 ug/l
RT: 13.77 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VX015464.D
Acq: 01 Apr 2020 13:46

Tgt Ion:225 Resp: 3421

Ion	Ratio	Lower	Upper
225	100		
223	60.9	0.0	127.0
227	72.8	0.0	126.8



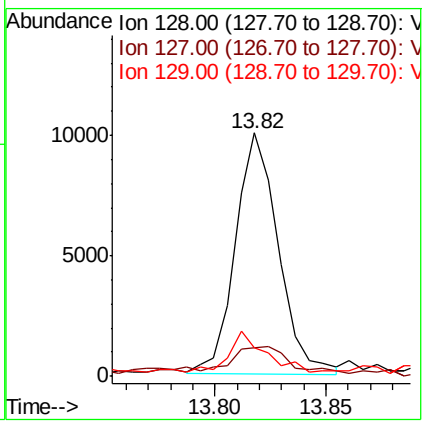


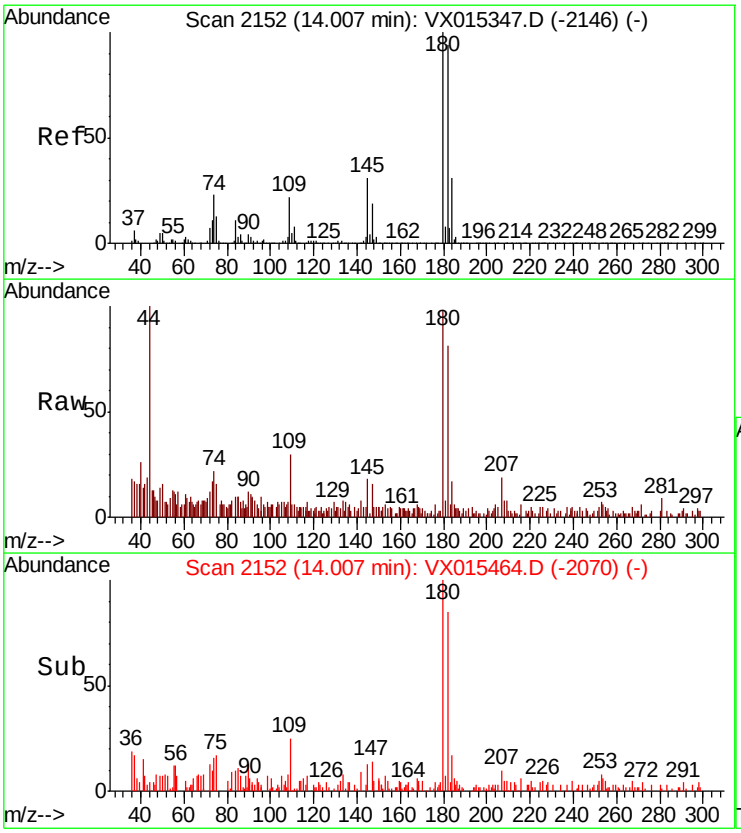
#91
Naphthalene
Concen: 0.238 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015464.D
Acq: 01 Apr 2020 13:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 13452

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.3	15.5
129	13.4	8.9	13.3#





#92
1,2,3-Trichlorobenzene
Concen: 0.269 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.00 min
Lab File: VX015464.D
Acq: 01 Apr 2020 13:46

Tgt Ion:180 Resp: 5218

Ion	Ratio	Lower	Upper
180	100		
182	86.3	0.0	191.0
145	35.4	0.0	62.2