Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011520\
Data File : VX014615.D
Acq On : 15 Jan 2020 13:35
Operator : JC/SP
Sample : VX0115WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0115WBL01

Quant Time: Jan 16 01:16:42 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	75975	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	414131	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	364506	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	160623	30.08	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 100.27%			
60) 4-Bromofluorobenzene	11.13	95	158738	27.21	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 90.70%			
63) Toluene-d8	8.71	98	490153	29.77	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 99.23%			
Target Compounds						Qvalue
5) Bromomethane	1.65	94	2892	0.718	ug/l	89
11) Methyl Iodide	2.50	142	1663	0.295	ug/l	76
13) Acrolein	2.28	56	210	0.263	ug/l	92
16) Carbon Disulfide	2.56	76	5554	0.481	ug/l	98
18) Methylene Chloride	2.84	84	5704	1.159	ug/l	95
45) 1,4-Dioxane	7.73	88	78	0.694	ug/l #	1
51) Ethyl methacrylate	8.71	69	2056	0.277	ug/l	95
89) 1,2,4-Trichlorobenzene	13.64	180	1806	0.285	ug/l	97
90) Hexachlorobutadiene	13.78	225	686	0.216	ug/l	91
92) 1,2,3-Trichlorobenzene	14.02	180	1597	0.247	ug/l	93

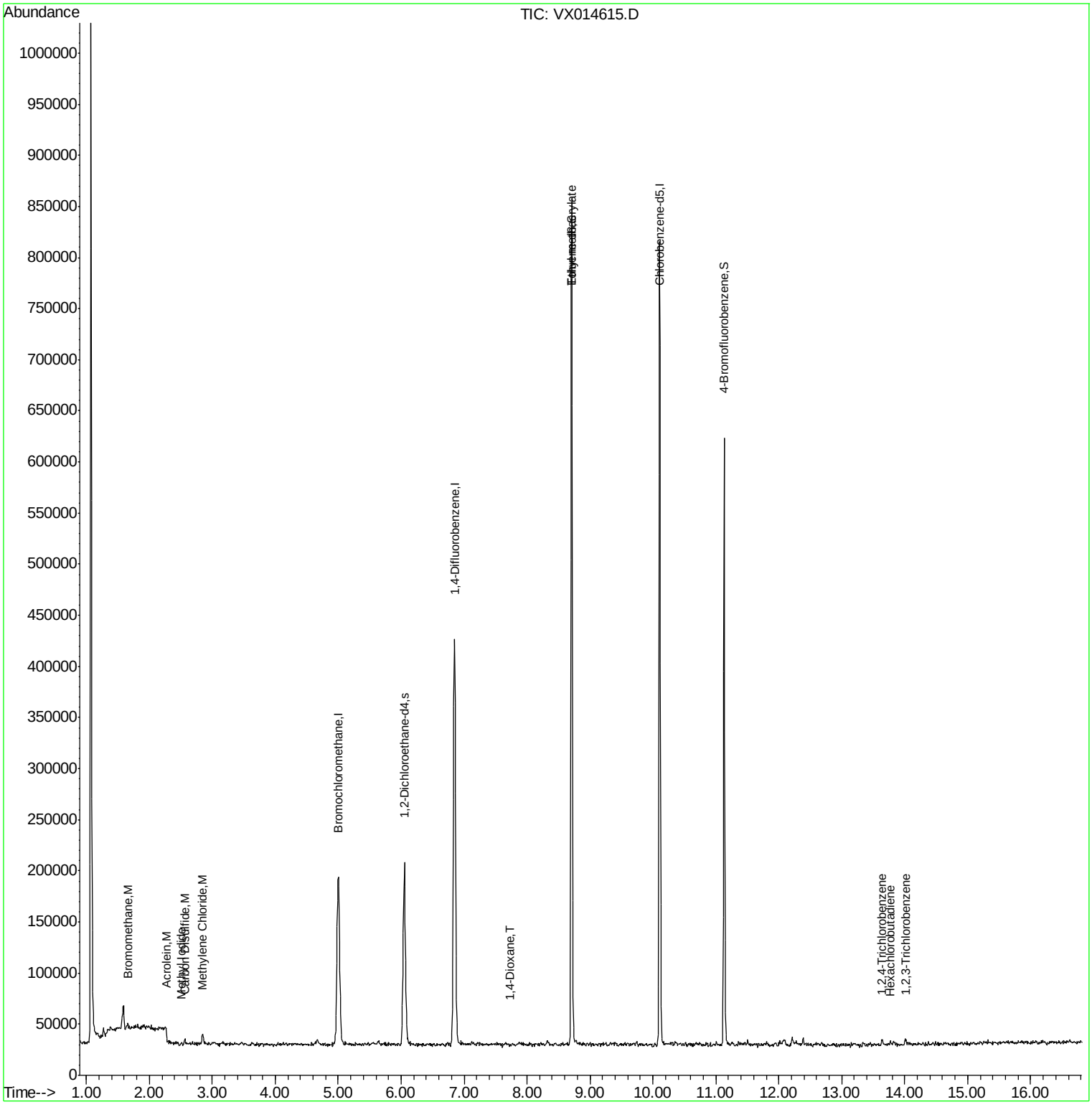
(#) = qualifier out of range (m) = manual integration (+) = signals summed

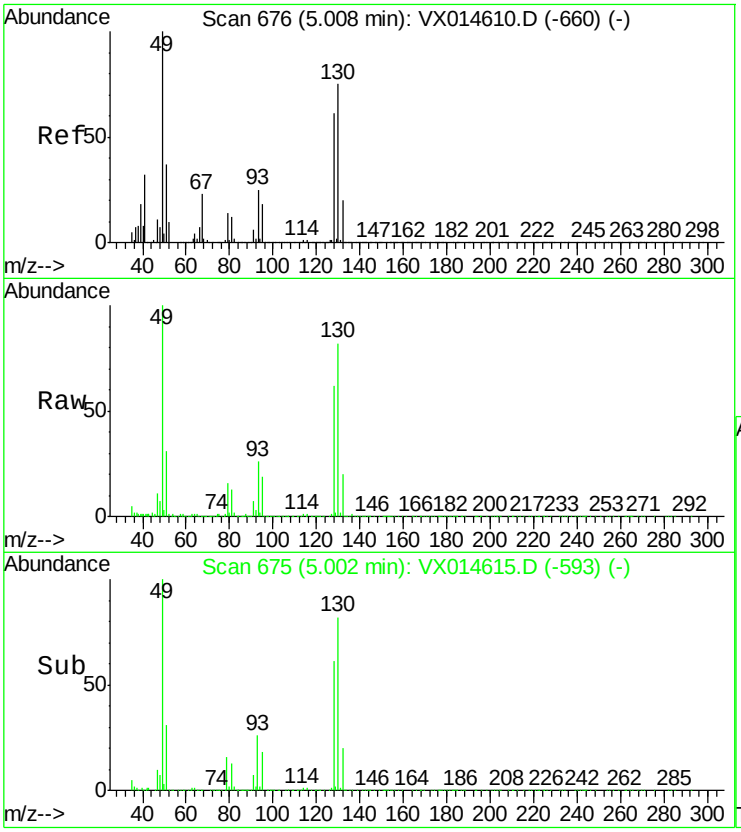
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011520\
Data File : VX014615.D
Acq On : 15 Jan 2020 13:35
Operator : JC/SP
Sample : VX0115WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBL01

Quant Time: Jan 16 01:16:42 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



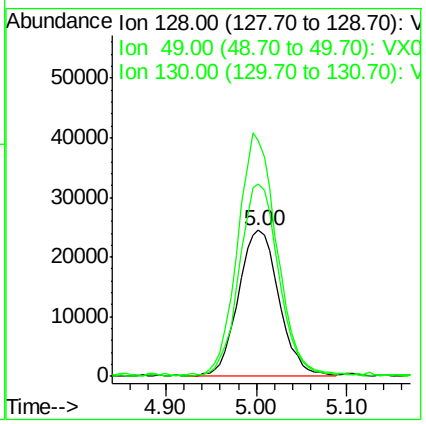


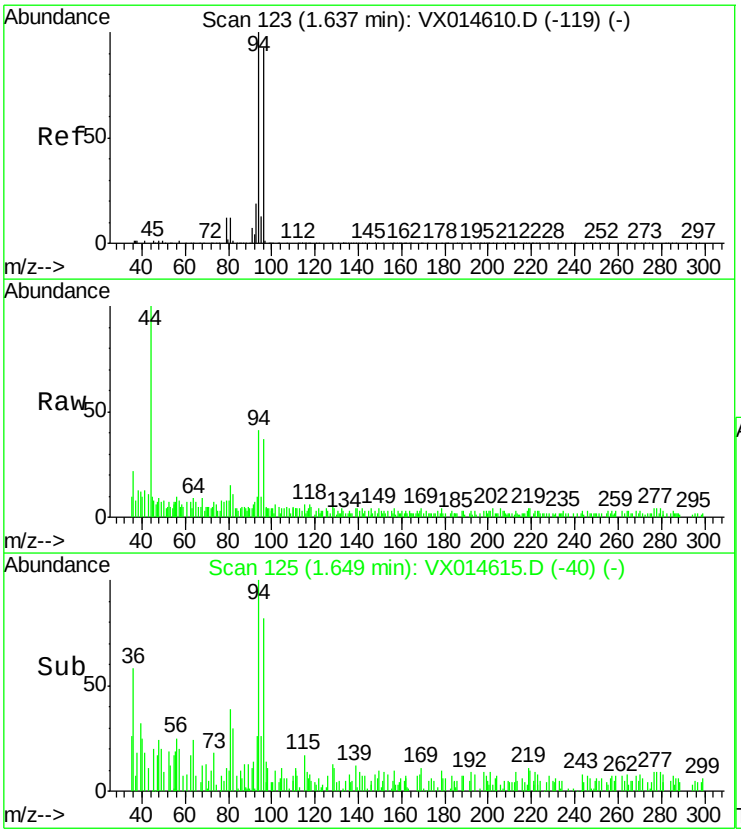
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014615.D
Acq: 15 Jan 2020 13:35

Instrument : MSVOA_X
ClientSampleId : VX0115WBL01

Tgt Ion:128 Resp: 75975

Ion	Ratio	Lower	Upper
128	100		
49	158.7	0.0	405.0
130	128.5	0.0	321.5

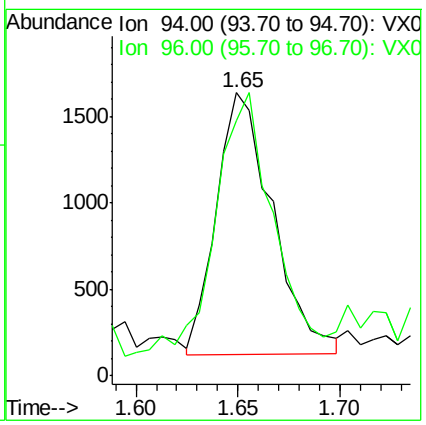


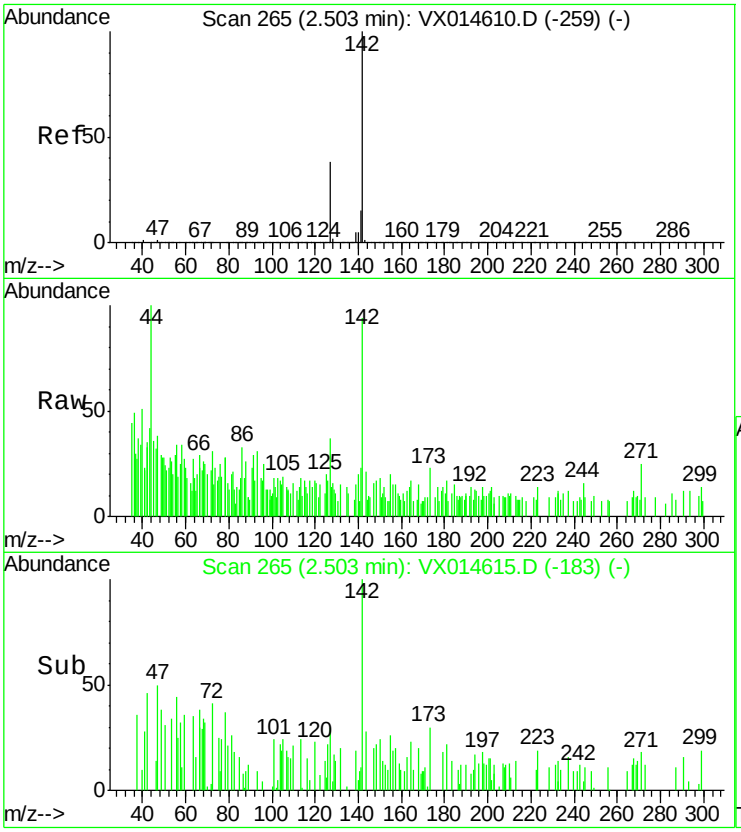


#5
Bromomethane
Concen: 0.718 ug/l
RT: 1.65 min Scan# 125
Delta R.T. 0.02 min
Lab File: VX014615.D
Acq: 15 Jan 2020 13:35

Tgt Ion: 94 Resp: 2892

Ion	Ratio	Lower	Upper
94	100		
96	82.9	74.4	111.6



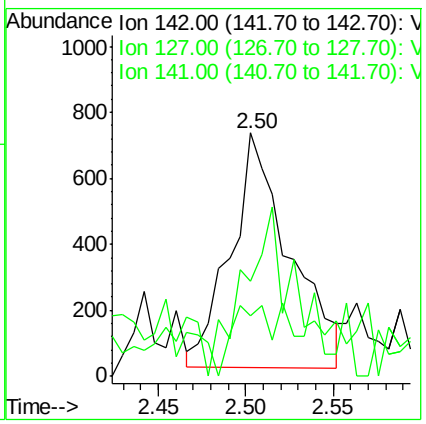


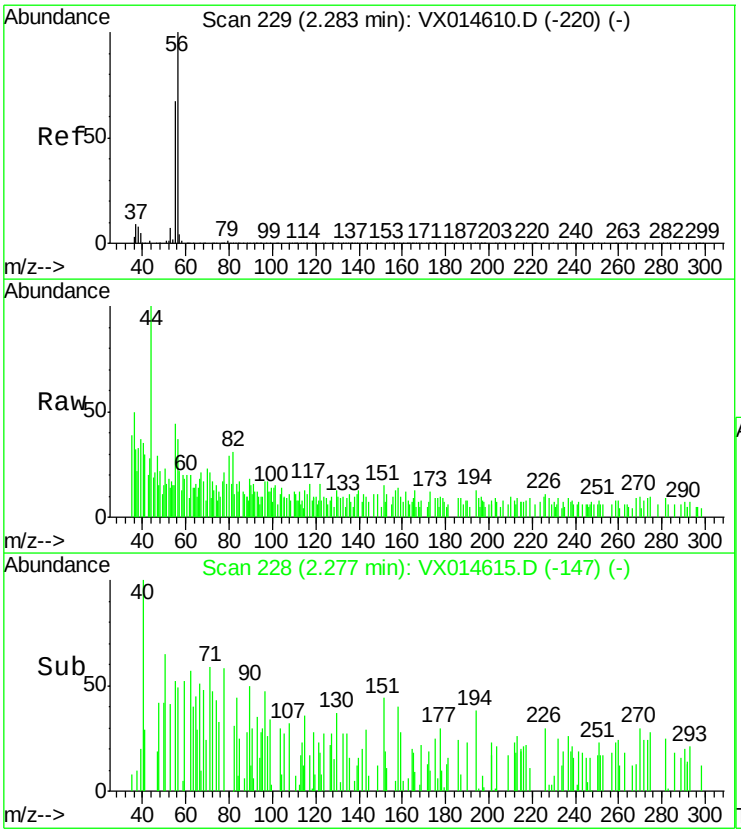
#11
Methyl Iodide
Concen: 0.295 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014615.D
Acq: 15 Jan 2020 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBL01

Tgt Ion:142 Resp: 1663

Ion	Ratio	Lower	Upper
142	100		
127	19.6	19.5	58.5
141	14.1	7.0	20.9

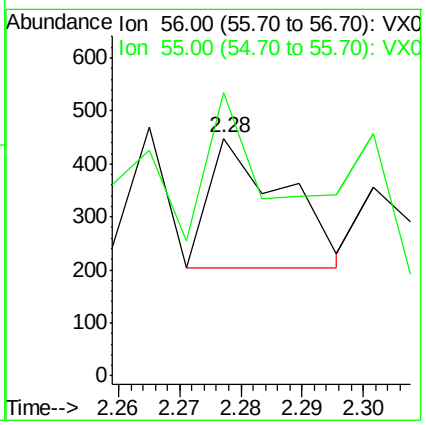


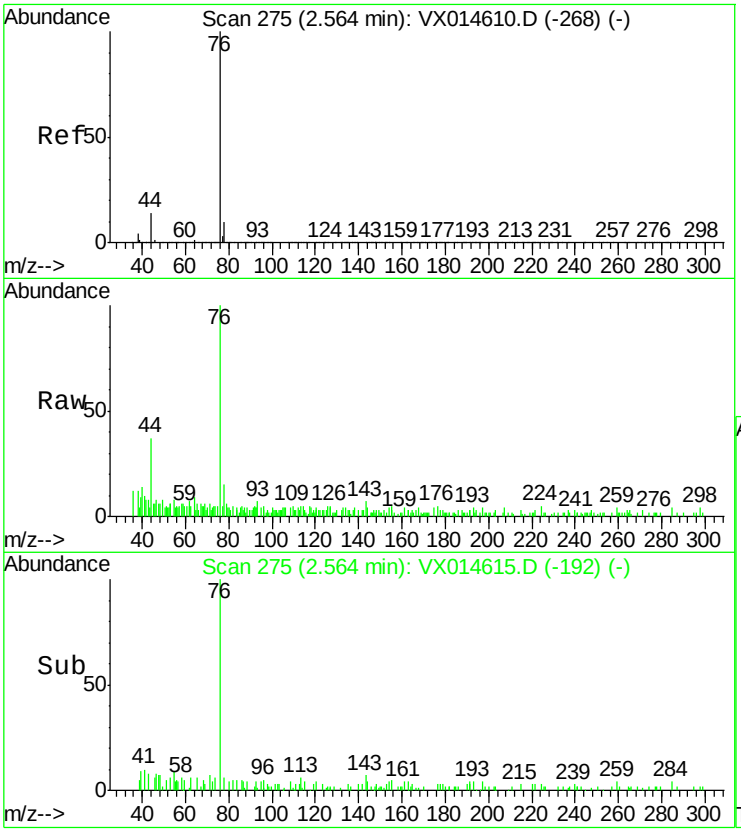


#13
Acrolein
Concen: 0.263 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.01 min
Lab File: VX014615.D
Acq: 15 Jan 2020 13:35

Tgt Ion: 56 Resp: 210

Ion	Ratio	Lower	Upper
56	100		
55	62.4	54.9	82.3



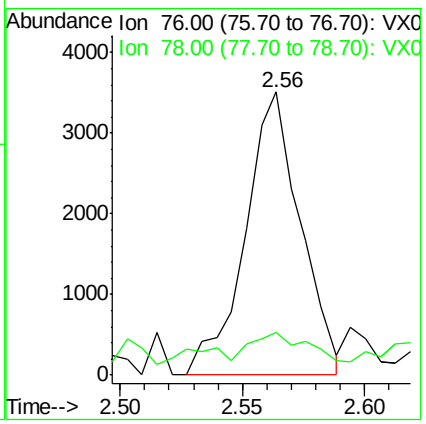


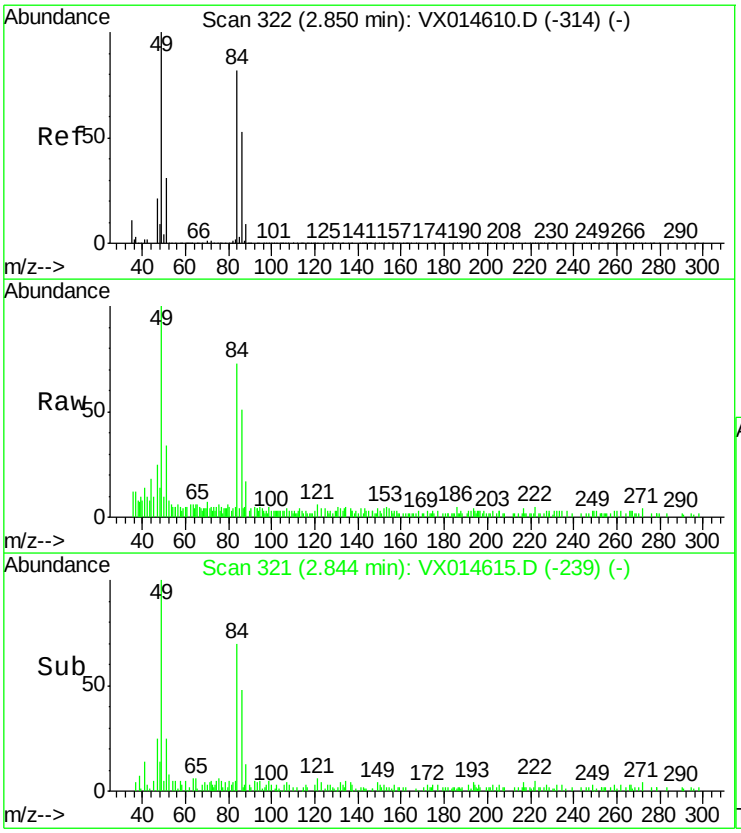
#16
Carbon Disulfide
Concen: 0.481 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014615.D
Acq: 15 Jan 2020 13:35

Instrument : MSVOA_X
ClientSampleId : VX0115WBL01

Tgt Ion: 76 Resp: 5554

Ion	Ratio	Lower	Upper
76	100		
78	10.7	7.8	11.8

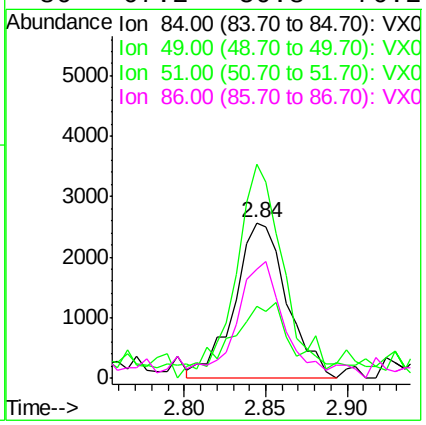


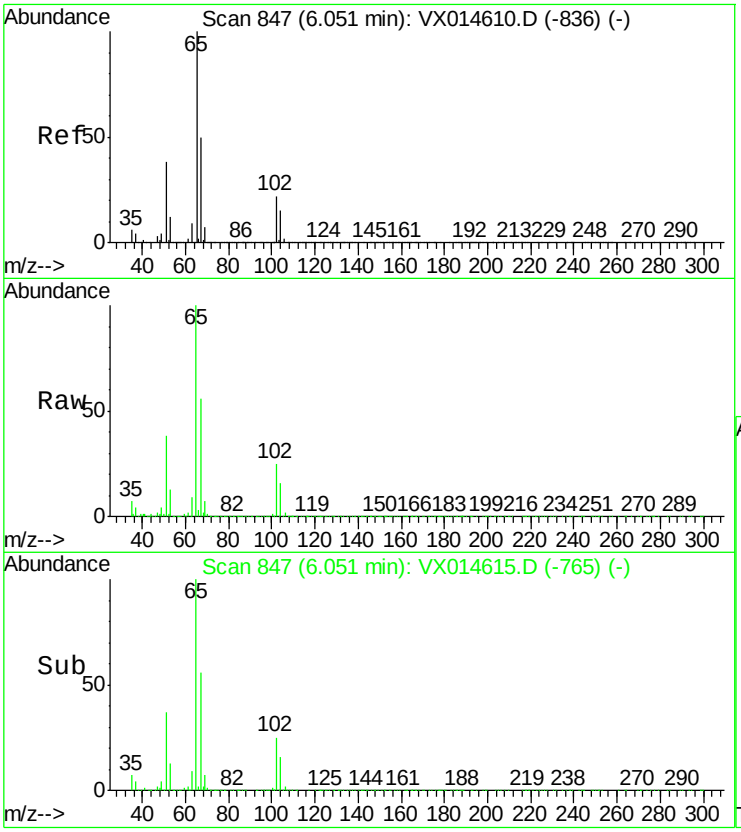


#18
Methylene Chloride
Concen: 1.159 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX014615.D
Acq: 15 Jan 2020 13:35

Tgt Ion: 84 Resp: 5704

Ion	Ratio	Lower	Upper
84	100		
49	136.3	102.2	153.2
51	39.1	31.4	47.0
86	67.2	50.8	76.2



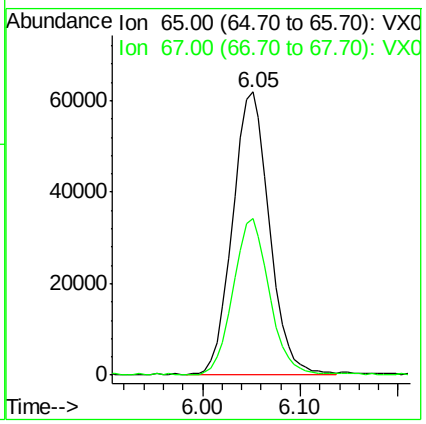


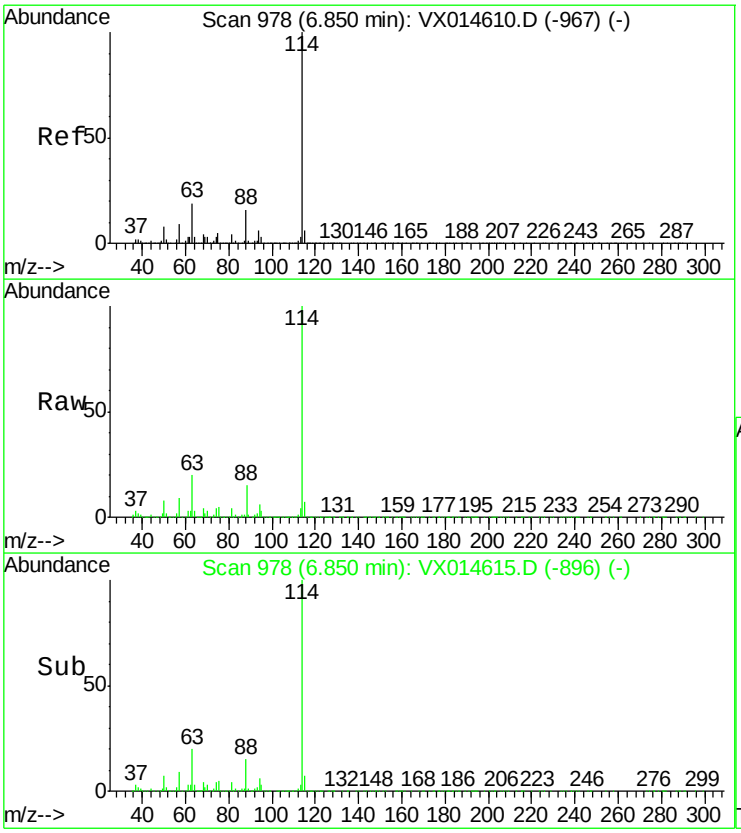
#27
1,2-Dichloroethane-d4
Concen: 30.078 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014615.D
Acq: 15 Jan 2020 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBL01

Tgt Ion: 65 Resp: 160623

Ion	Ratio	Lower	Upper
65	100		
67	54.0	43.1	64.7

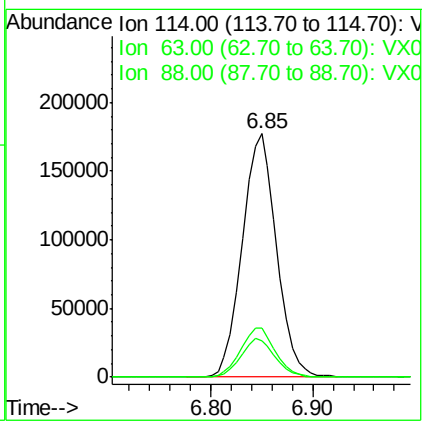


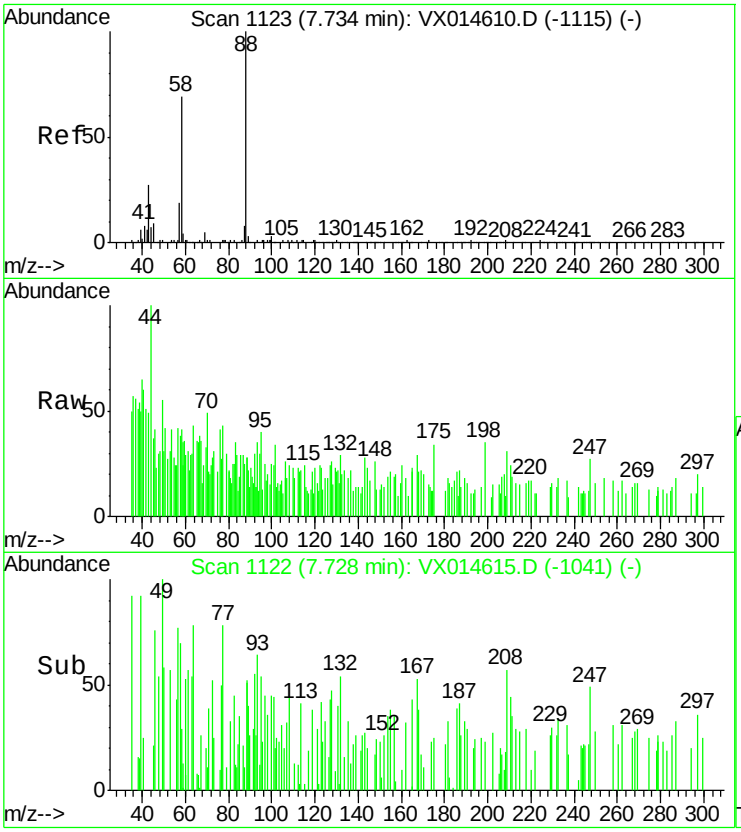


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014615.D
Acq: 15 Jan 2020 13:35

Tgt Ion:114 Resp: 414131

Ion	Ratio	Lower	Upper
114	100		
63	20.4	16.1	24.1
88	15.7	12.5	18.7



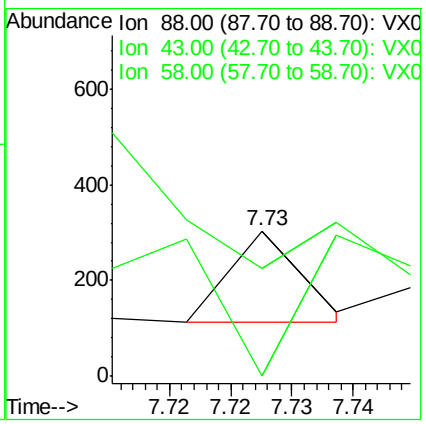


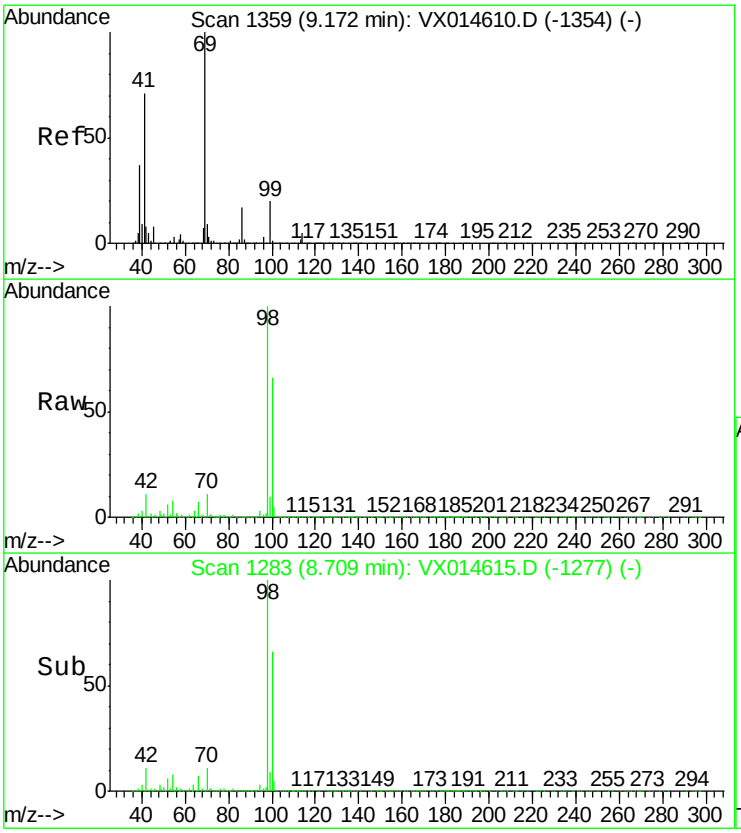
#45
1,4-Dioxane
Concen: 0.694 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014615.D
Acq: 15 Jan 2020 13:35

Instrument : MSVOA_X
ClientSampleId : VX0115WBL01

Tgt Ion: 88 Resp: 78

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.4	38.2#
58	476.9	56.5	84.7#

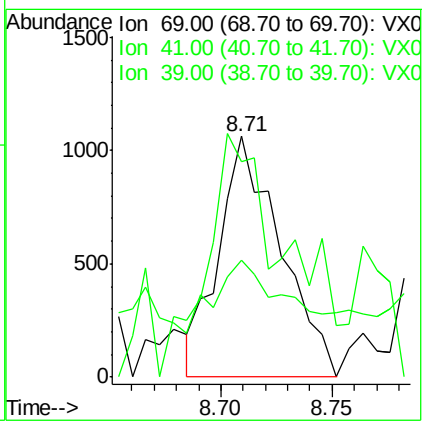


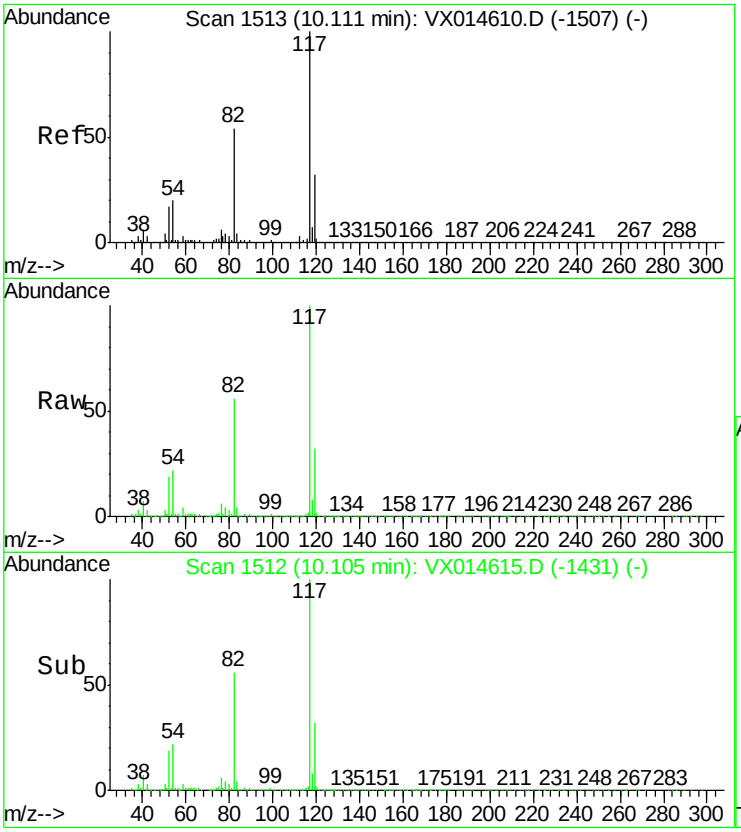


#51
Ethyl methacrylate
Concen: 0.277 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.46 min
Lab File: VX014615.D
Acq: 15 Jan 2020 13:35

Tgt Ion: 69 Resp: 2056

Ion	Ratio	Lower	Upper
69	100		
41	68.2	35.4	106.1
39	30.3	17.8	53.3



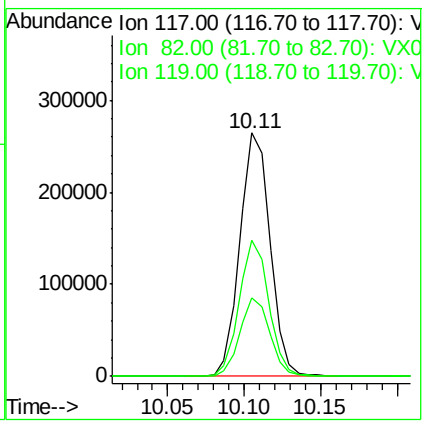


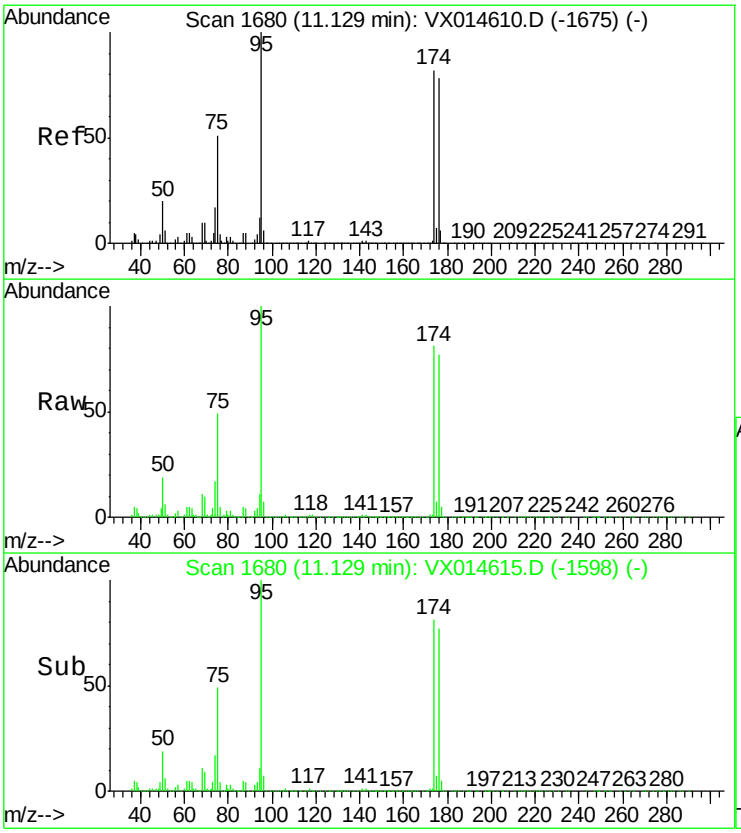
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014615.D
Acq: 15 Jan 2020 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBL01

Tgt Ion:117 Resp: 364506

Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.8	65.6
119	32.0	25.8	38.6

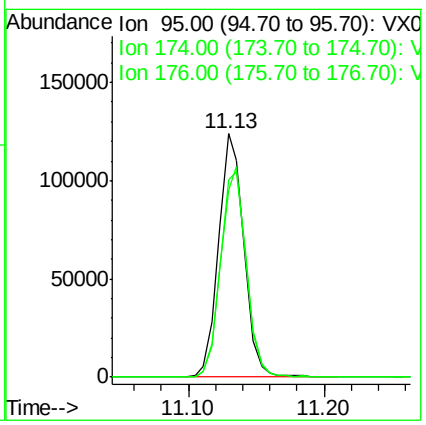


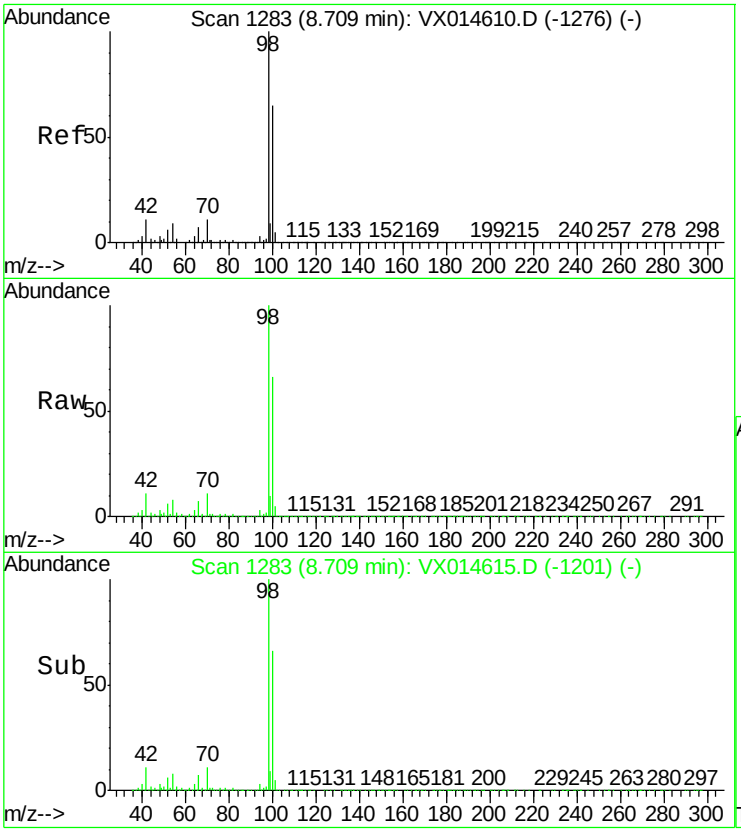


#60
4-Bromofluorobenzene
Concen: 27.215 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014615.D
Acq: 15 Jan 2020 13:35

Tgt Ion: 95 Resp: 158738

Ion	Ratio	Lower	Upper
95	100		
174	87.4	70.2	105.2
176	86.2	68.3	102.5



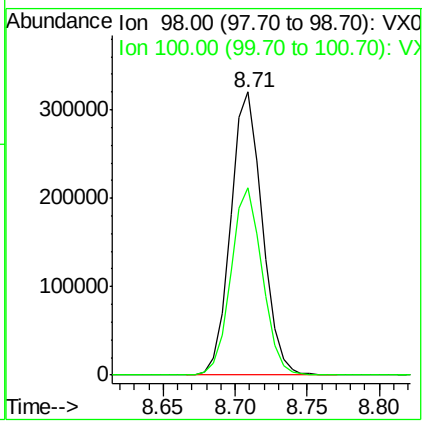


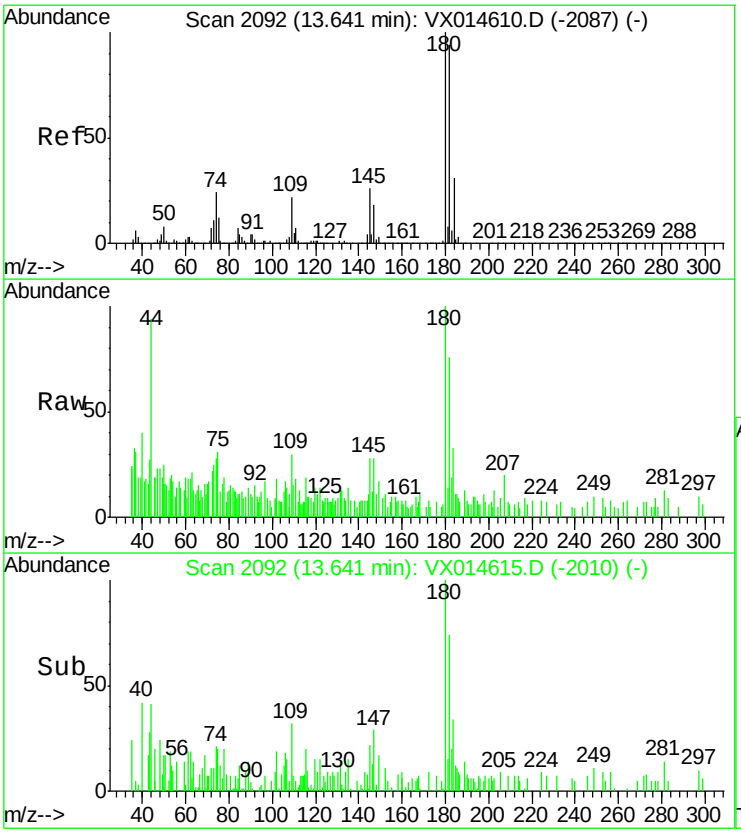
#63
Toluene-d8
Concen: 29.770 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014615.D
Acq: 15 Jan 2020 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBL01

Tgt Ion: 98 Resp: 490153

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.2	78.2

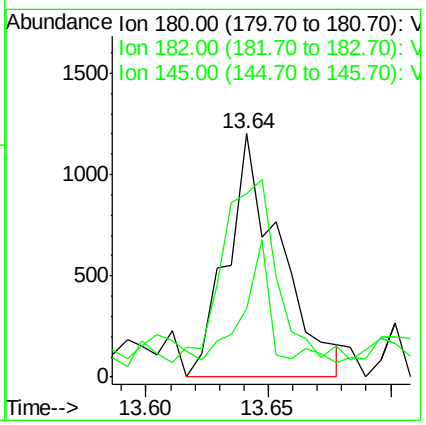


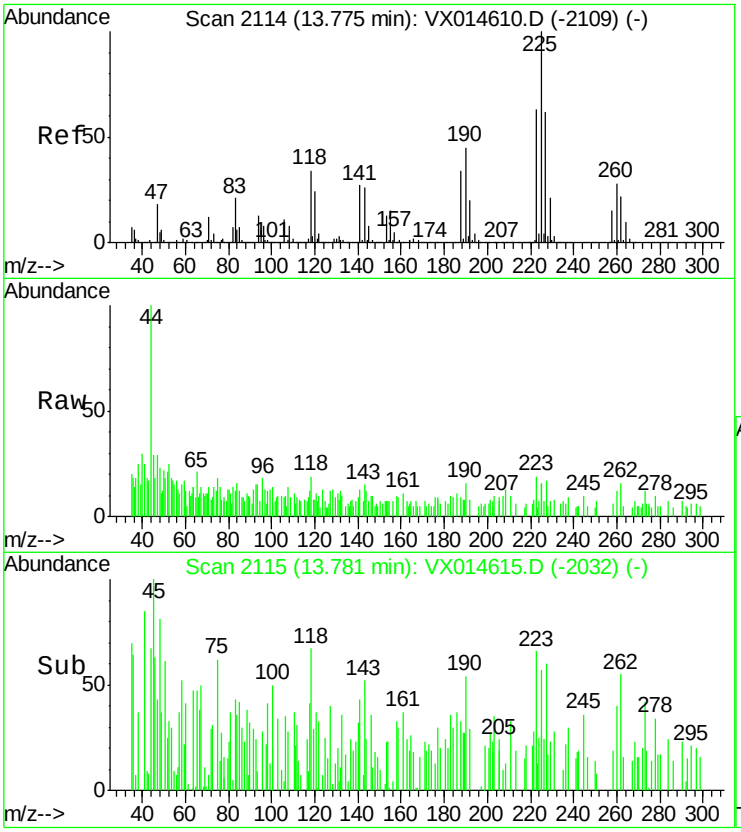


#89
1,2,4-Trichlorobenzene
Concen: 0.285 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014615.D
Acq: 15 Jan 2020 13:35

Tgt Ion:180 Resp: 1806

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.4	114.6
145	32.6	21.9	32.9



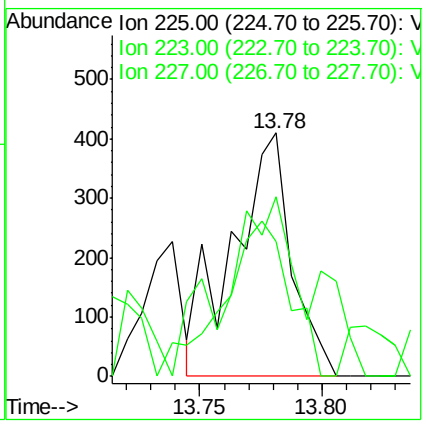


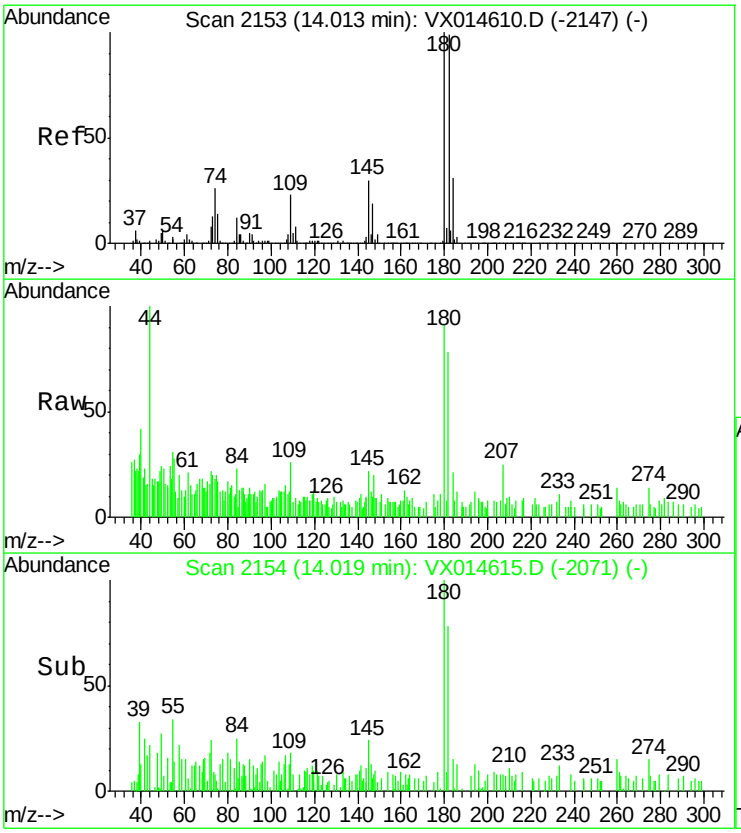
#90
Hexachlorobutadiene
Concen: 0.216 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VX014615.D
Acq: 15 Jan 2020 13:35

Instrument :
MSVOA_X
ClientSampleId :
VX0115WBL01

Tgt Ion:225 Resp: 686

Ion	Ratio	Lower	Upper
225	100		
223	66.2	0.0	127.4
227	73.2	0.0	122.8





#92
1,2,3-Trichlorobenzene
Concen: 0.247 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX014615.D
Acq: 15 Jan 2020 13:35

Tgt Ion:180 Resp: 1597

Ion	Ratio	Lower	Upper
180	100		
182	99.0	0.0	192.8
145	41.0	0.0	60.0