Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020720\
Data File : VX014868.D
Acq On : 07 Feb 2020 14:04
Operator : JC/SP
Sample : L1420-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Feb 07 22:12:07 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	69176	30.00	ug/l		0.00
28) 1,4-Difluorobenzene	6.86	114	383429	30.00	ug/l		0.00
57) Chlorobenzene-d5	10.10	117	341994	30.00	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	6.06	65	153324	31.53	ug/l		0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 105.10%				
60) 4-Bromofluorobenzene	11.13	95	156945	28.68	ug/l		0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 95.60%				
63) Toluene-d8	8.71	98	452236	29.28	ug/l		0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 97.60%				
Target Compounds							Qvalue
11) Methyl Iodide	2.51	142	1648	0.321	ug/l	#	92
15) Acetone	2.43	58	16657	20.990	ug/l		74
18) Methylene Chloride	2.85	84	1259	0.281	ug/l	#	77
23) tert-Butyl Alcohol	3.05	59	342	0.349	ug/l	#	41
24) Methyl tert-Butyl Ether	3.18	73	2679	0.210	ug/l	#	72
25) Chloroform	5.20	83	2998	0.406	ug/l		97
45) 1,4-Dioxane	7.74	88	25	0.240	ug/l	#	1
73) Bromobenzene	11.25	156	1129	0.221	ug/l		79
78) 4-Chlorotoluene	11.51	91	3420	0.228	ug/l		96
83) 1,3-Dichlorobenzene	12.03	146	2108	0.236	ug/l		89
84) 1,4-Dichlorobenzene	12.10	146	2902	0.327	ug/l		92
85) n-Butylbenzene	12.39	91	3287	0.221	ug/l		97
87) 1,2-Dichlorobenzene	12.39	146	2082	0.231	ug/l		91
88) 1,2-Dibromo-3-Chloropropan	12.99	75	317	0.228	ug/l	#	83
89) 1,2,4-Trichlorobenzene	13.65	180	2867	0.482	ug/l	#	96
90) Hexachlorobutadiene	13.78	225	1503	0.505	ug/l		97
91) Naphthalene	13.83	128	5856	0.326	ug/l	#	88
92) 1,2,3-Trichlorobenzene	14.01	180	2519	0.416	ug/l		97

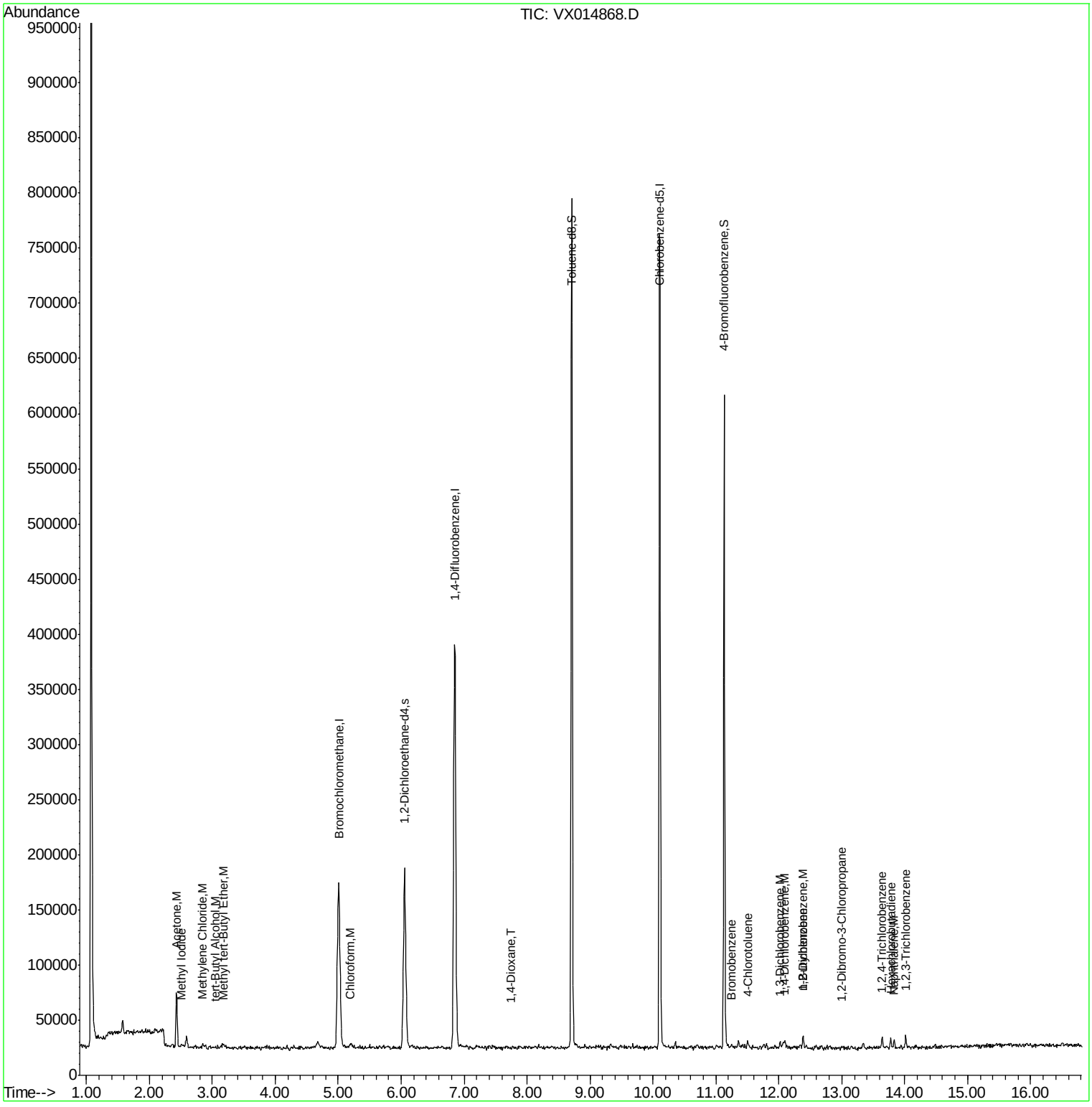
(#) = qualifier out of range (m) = manual integration (+) = signals summed

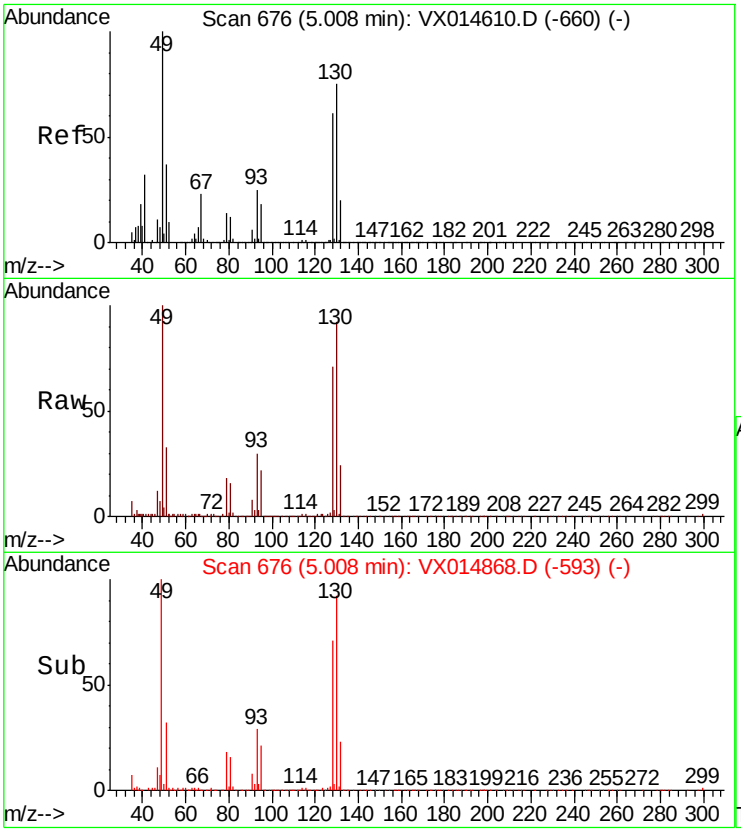
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020720\
Data File : VX014868.D
Acq On : 07 Feb 2020 14:04
Operator : JC/SP
Sample : L1420-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 07 22:12:07 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



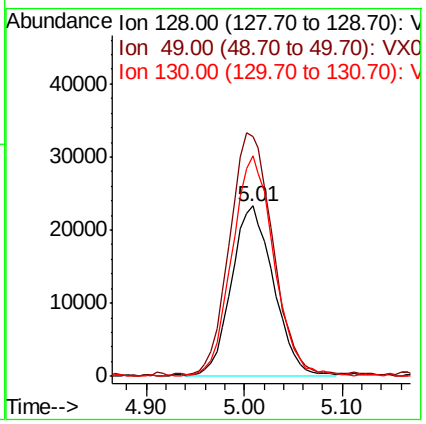


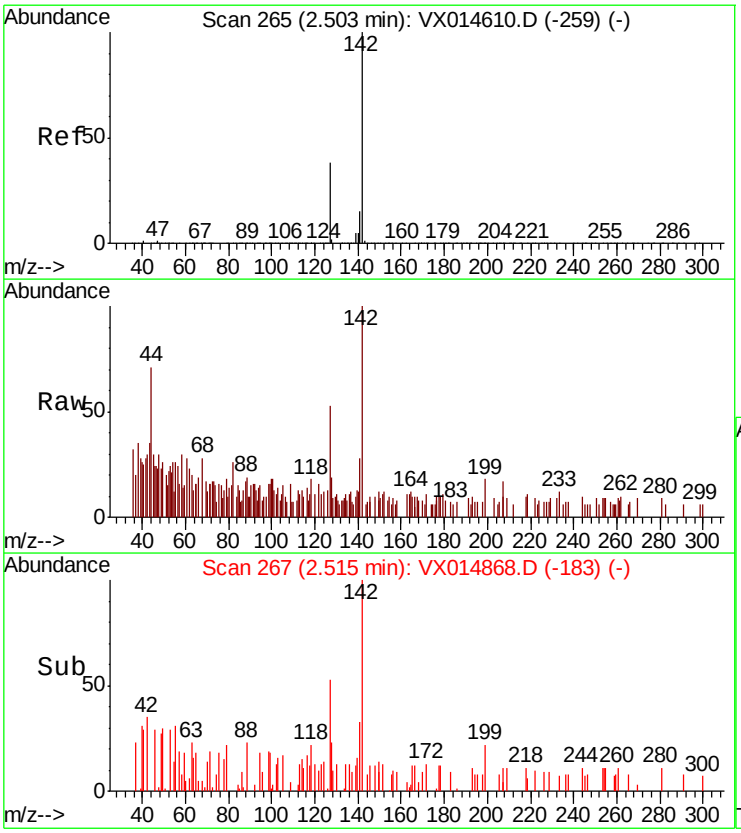
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014868.D
Acq: 07 Feb 2020 14:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 69176

Ion	Ratio	Lower	Upper
128	100		
49	145.7	0.0	405.0
130	129.9	0.0	321.5

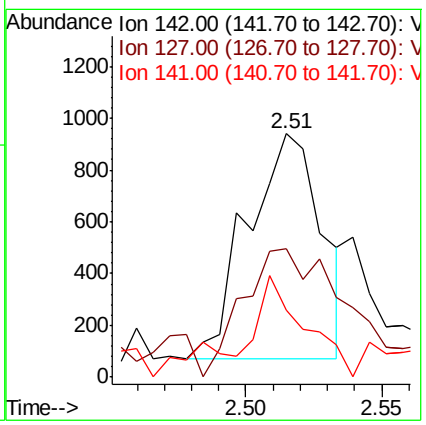


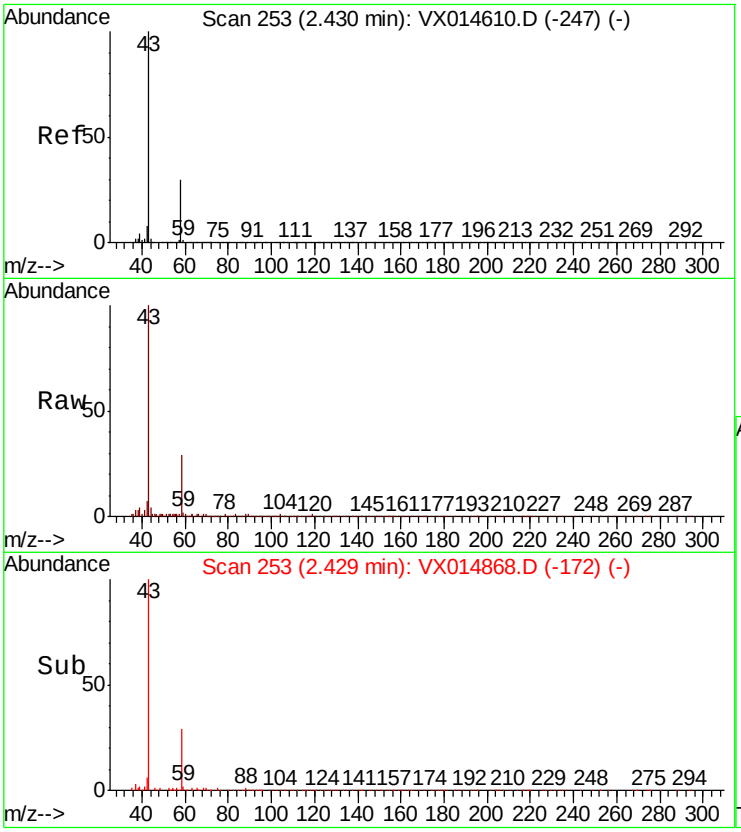


#11
Methyl Iodide
Concen: 0.321 ug/l
RT: 2.51 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX014868.D
Acq: 07 Feb 2020 14:04

Tgt Ion:142 Resp: 1648

Ion	Ratio	Lower	Upper
142	100		
127	39.4	19.5	58.5
141	25.1	7.0	20.9#



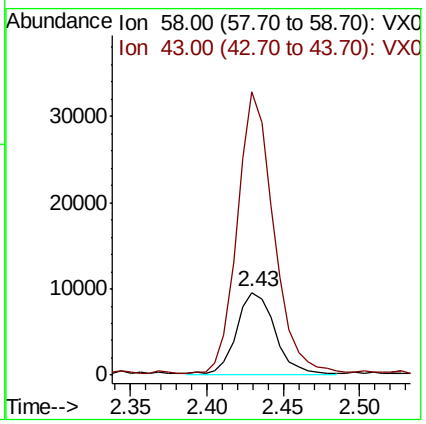


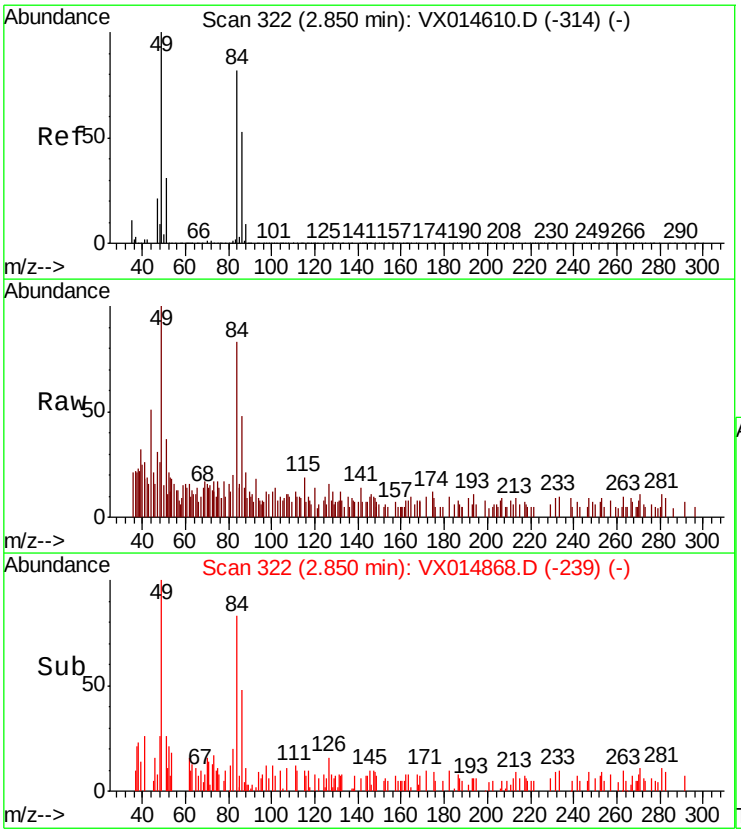
#15
Acetone
Concen: 20.990 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014868.D
Acq: 07 Feb 2020 14:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 58 Resp: 16657

Ion	Ratio	Lower	Upper
58	100		
43	345.9	236.3	354.5

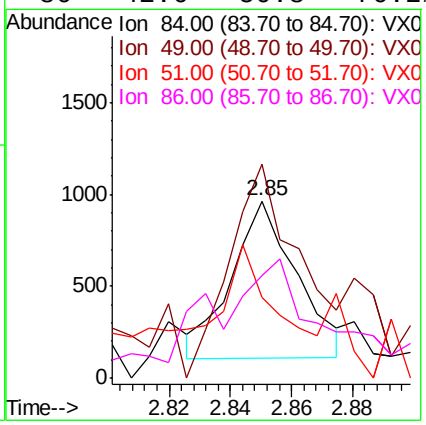


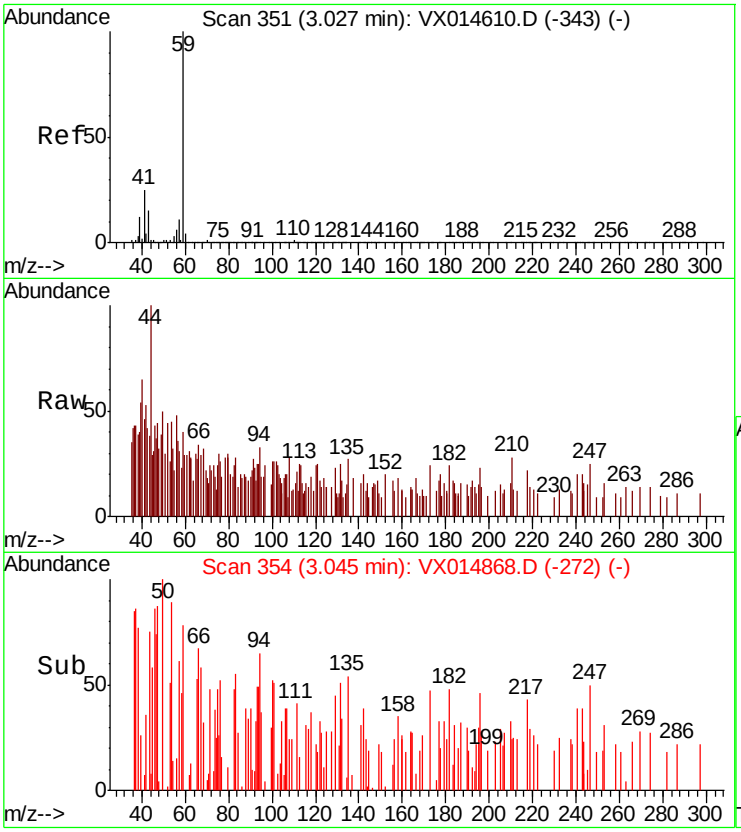


#18
Methylene Chloride
Concen: 0.281 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014868.D
Acq: 07 Feb 2020 14:04

Tgt Ion: 84 Resp: 1259

Ion	Ratio	Lower	Upper
84	100		
49	159.5	102.2	153.2#
51	41.0	31.4	47.0
86	42.6	50.8	76.2#



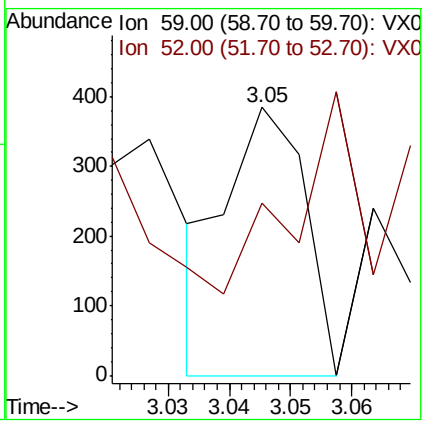


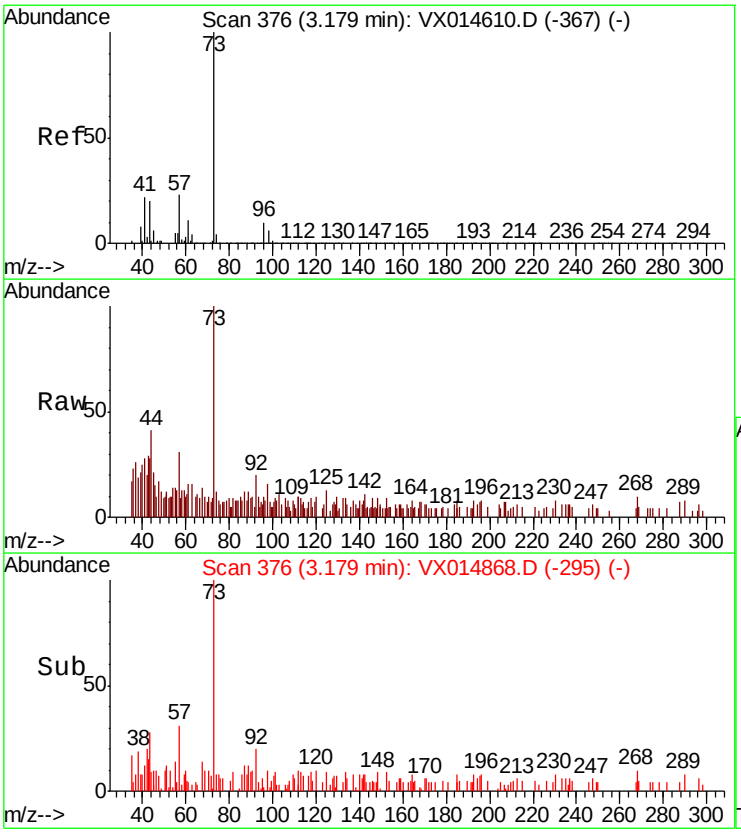
#23
tert-Butyl Alcohol
Concen: 0.349 ug/l
RT: 3.05 min Scan# 354
Delta R.T. 0.00 min
Lab File: VX014868.D
Acq: 07 Feb 2020 14:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 342

Ion	Ratio	Lower	Upper
59	100		
52	75.7	0.2	0.2#

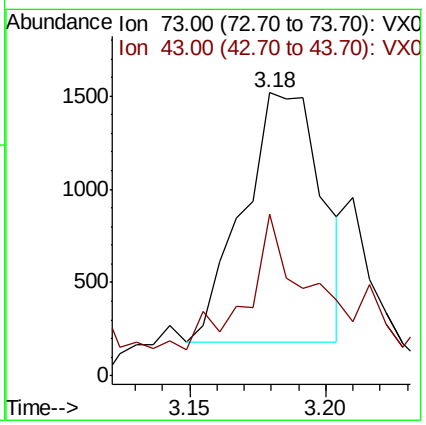


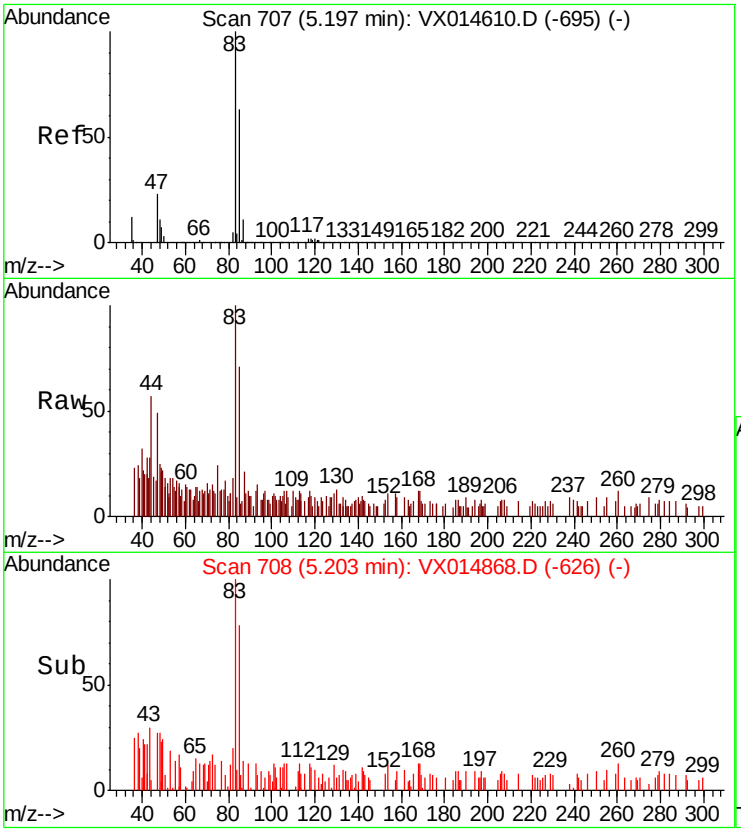


#24
Methyl tert-Butyl Ether
Concen: 0.210 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014868.D
Acq: 07 Feb 2020 14:04

Tgt Ion: 73 Resp: 2679

Ion	Ratio	Lower	Upper
73	100		
43	33.8	16.6	25.0#



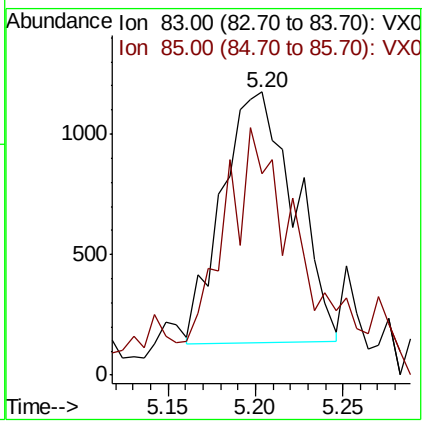


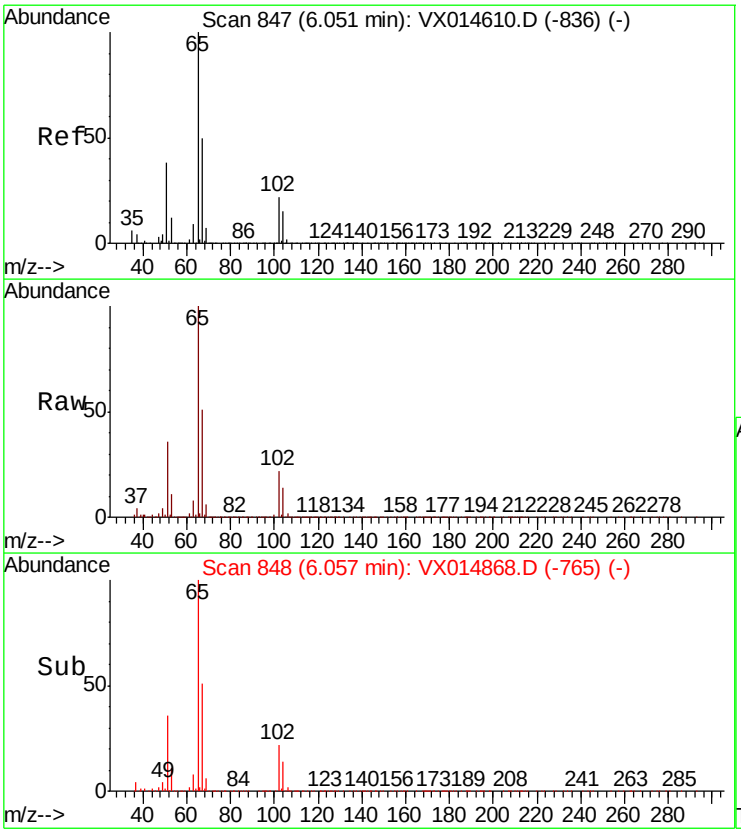
#25
Chloroform
Concen: 0.406 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX014868.D
Acq: 07 Feb 2020 14:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 2998

Ion	Ratio	Lower	Upper
83	100		
85	68.3	52.7	79.1

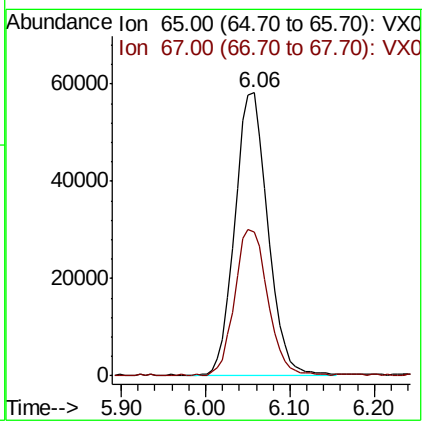


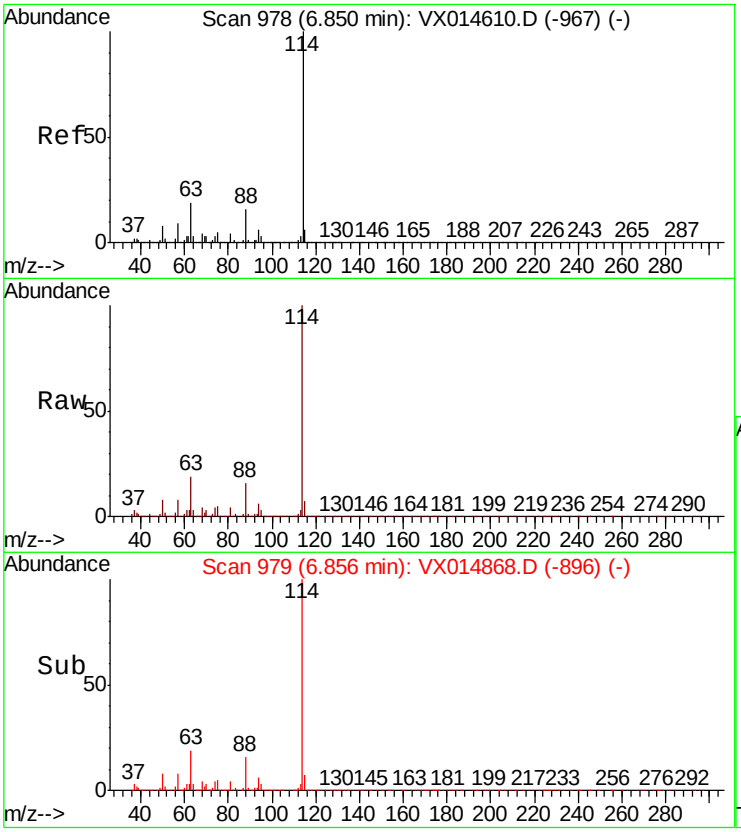


#27
1,2-Dichloroethane-d4
Concen: 31.533 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX014868.D
Acq: 07 Feb 2020 14:04

Tgt Ion: 65 Resp: 153324

Ion	Ratio	Lower	Upper
65	100		
67	51.9	43.1	64.7



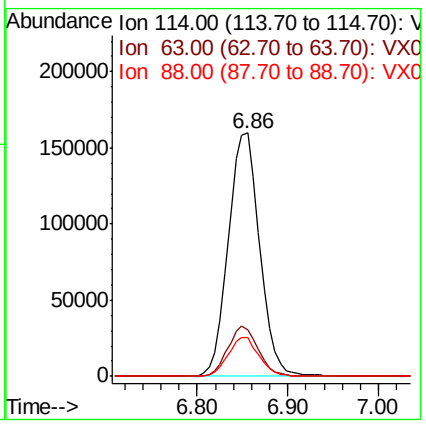


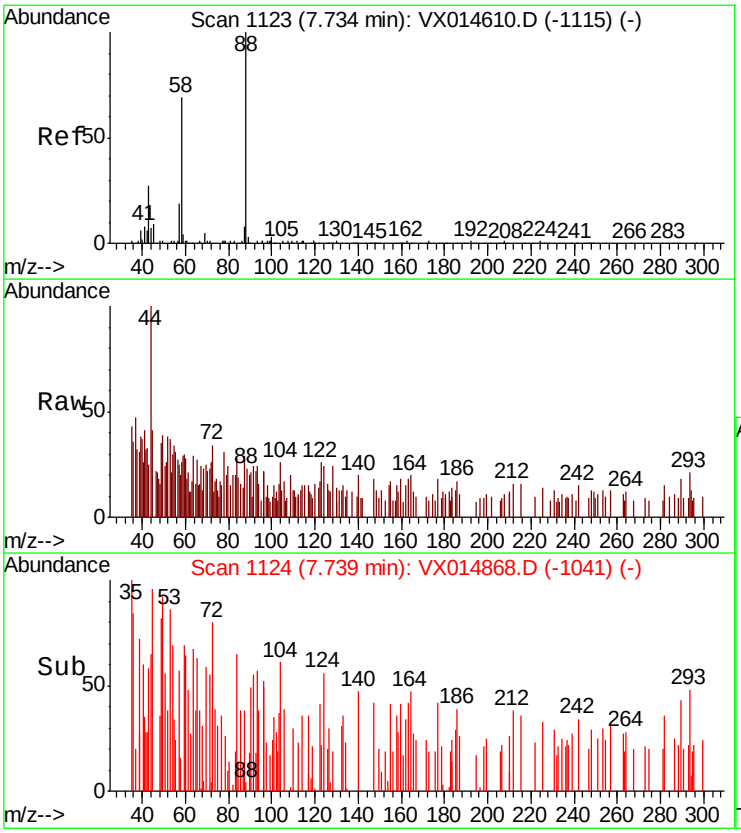
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 979
Delta R.T. 0.01 min
Lab File: VX014868.D
Acq: 07 Feb 2020 14:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 383429

Ion	Ratio	Lower	Upper
114	100		
63	19.8	16.1	24.1
88	15.6	12.5	18.7

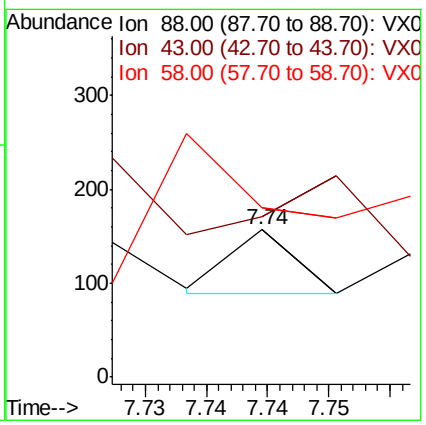


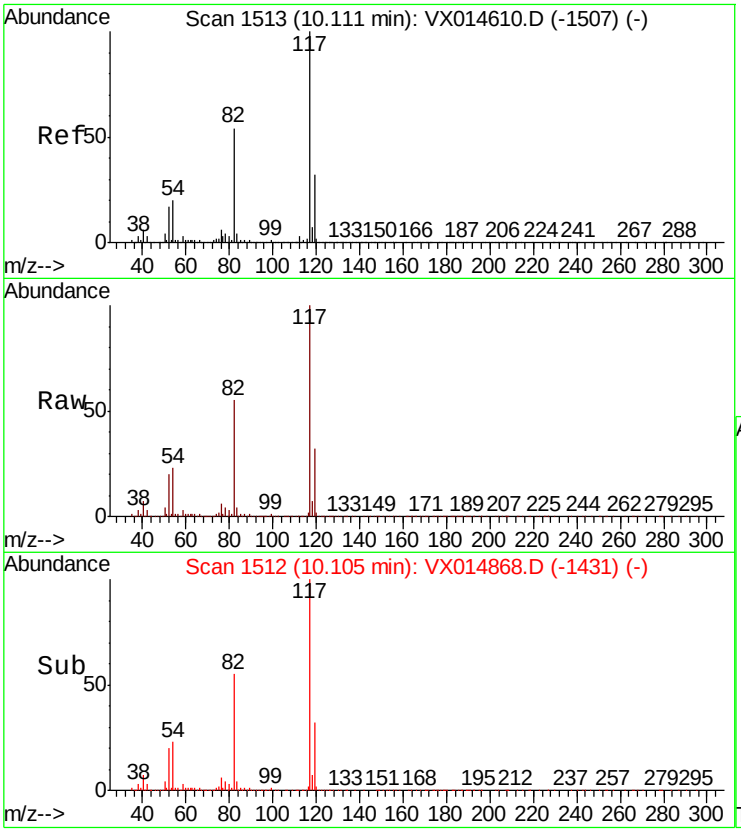


#45
1,4-Dioxane
Concen: 0.240 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX014868.D
Acq: 07 Feb 2020 14:04

Tgt Ion: 88 Resp: 25

Ion	Ratio	Lower	Upper
88	100		
43	488.0	25.4	38.2#
58	584.0	56.5	84.7#



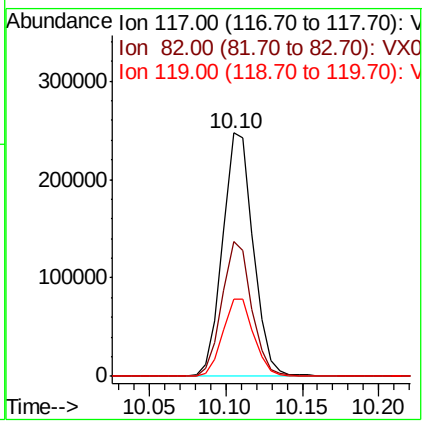


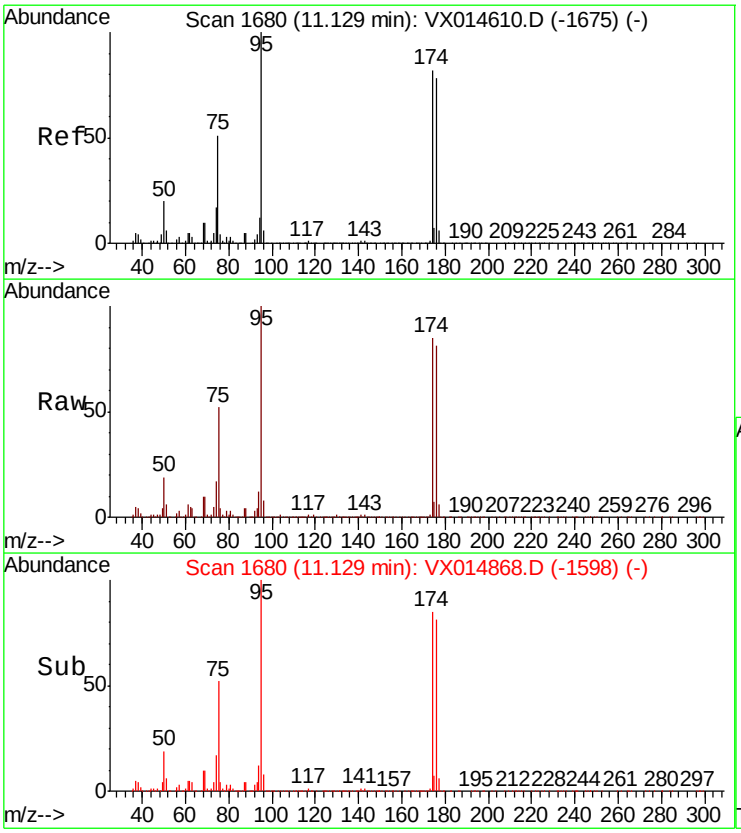
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014868.D
Acq: 07 Feb 2020 14:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 341994

Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.8	65.6
119	32.2	25.8	38.6

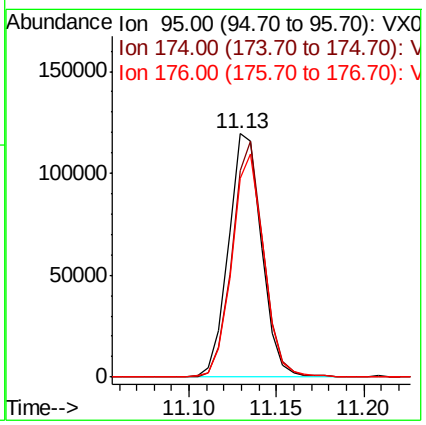


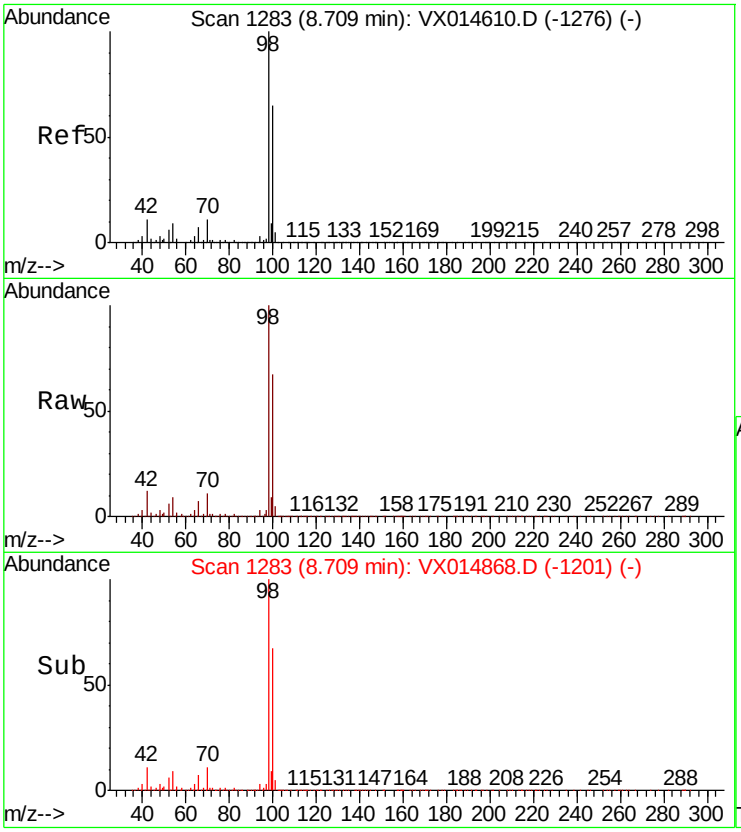


#60
4-Bromofluorobenzene
Concen: 28.678 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014868.D
Acq: 07 Feb 2020 14:04

Tgt Ion: 95 Resp: 156945

Ion	Ratio	Lower	Upper
95	100		
174	91.8	70.2	105.2
176	88.4	68.3	102.5



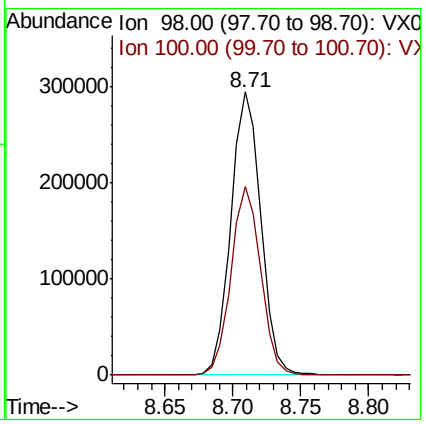


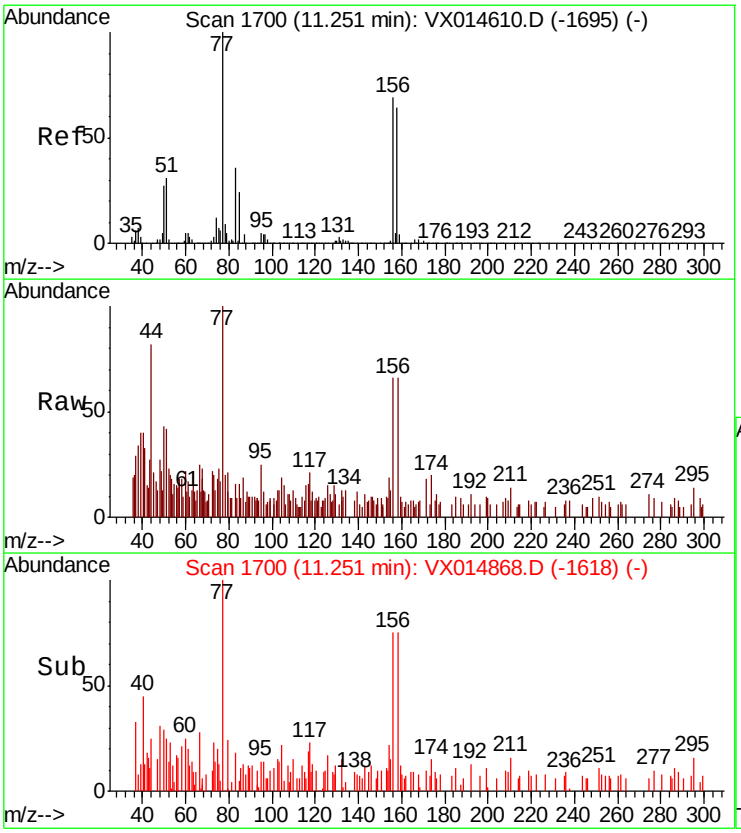
#63
Toluene-d8
Concen: 29.275 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014868.D
Acq: 07 Feb 2020 14:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 452236

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.2	78.2

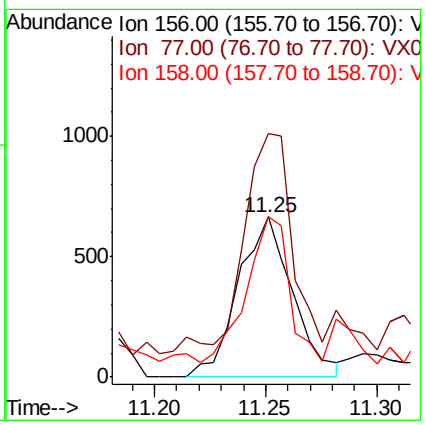


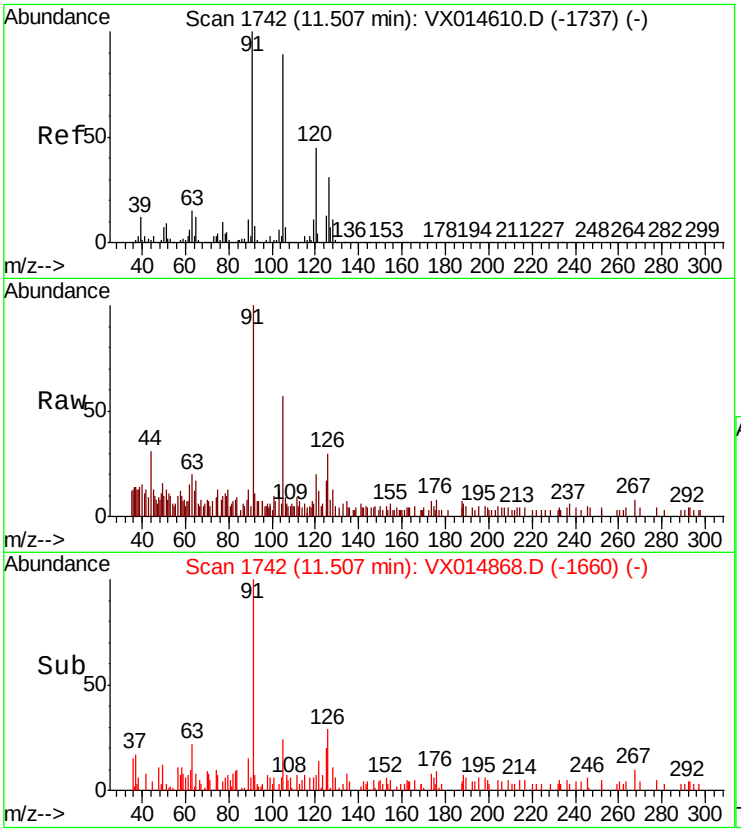


#73
Bromobenzene
Concen: 0.221 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014868.D
Acq: 07 Feb 2020 14:04

Tgt Ion:156 Resp: 1129

Ion	Ratio	Lower	Upper
156	100		
77	115.6	0.0	304.6
158	88.6	0.0	195.2



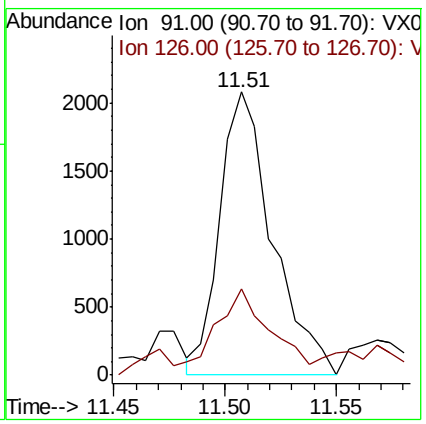


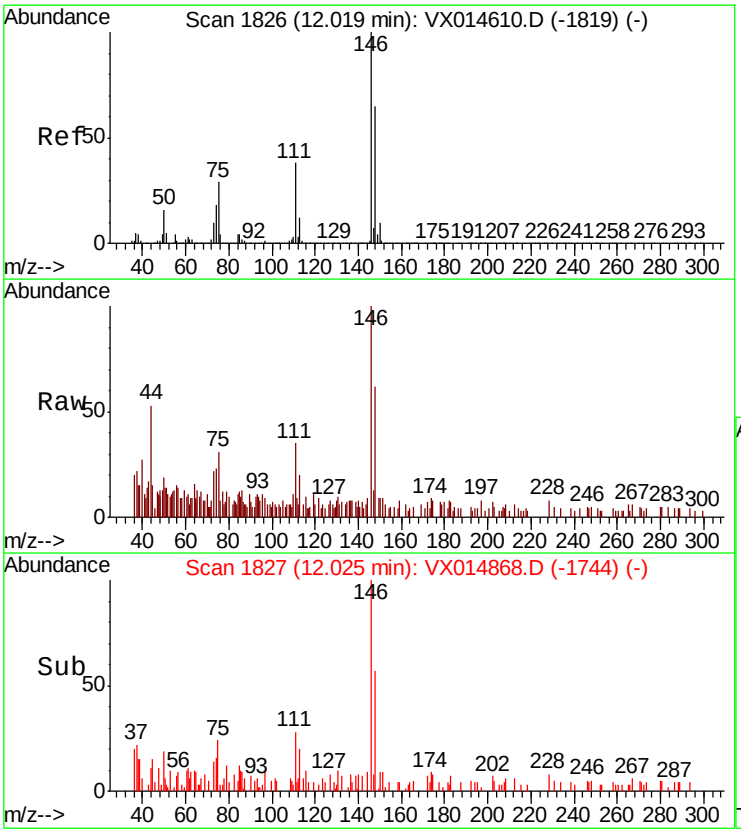
#78
4-Chlorotoluene
Concen: 0.228 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014868.D
Acq: 07 Feb 2020 14:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 3420

Ion	Ratio	Lower	Upper
91	100		
126	27.8	0.0	59.6

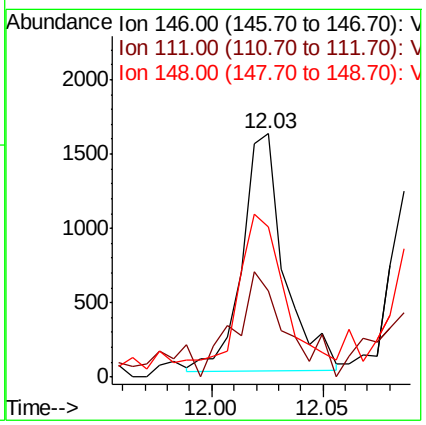


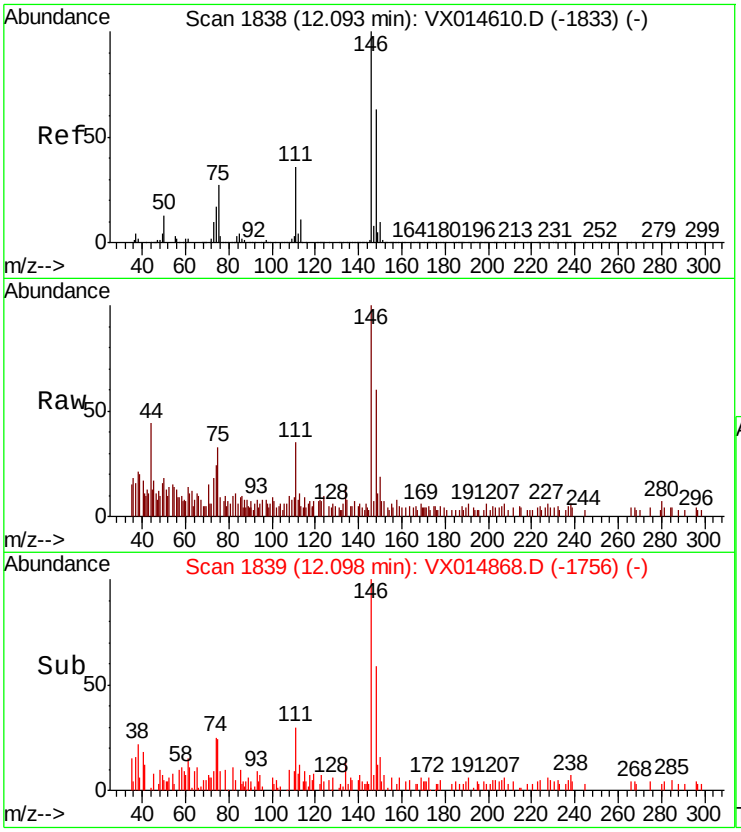


#83
1,3-Dichlorobenzene
Concen: 0.236 ug/l
RT: 12.03 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VX014868.D
Acq: 07 Feb 2020 14:04

Tgt Ion:146 Resp: 2108

Ion	Ratio	Lower	Upper
146	100		
111	30.1	19.3	57.9
148	71.8	32.2	96.6



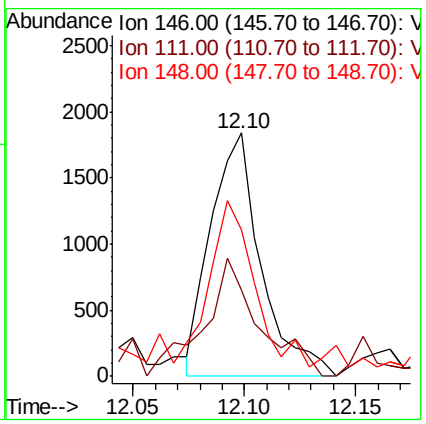


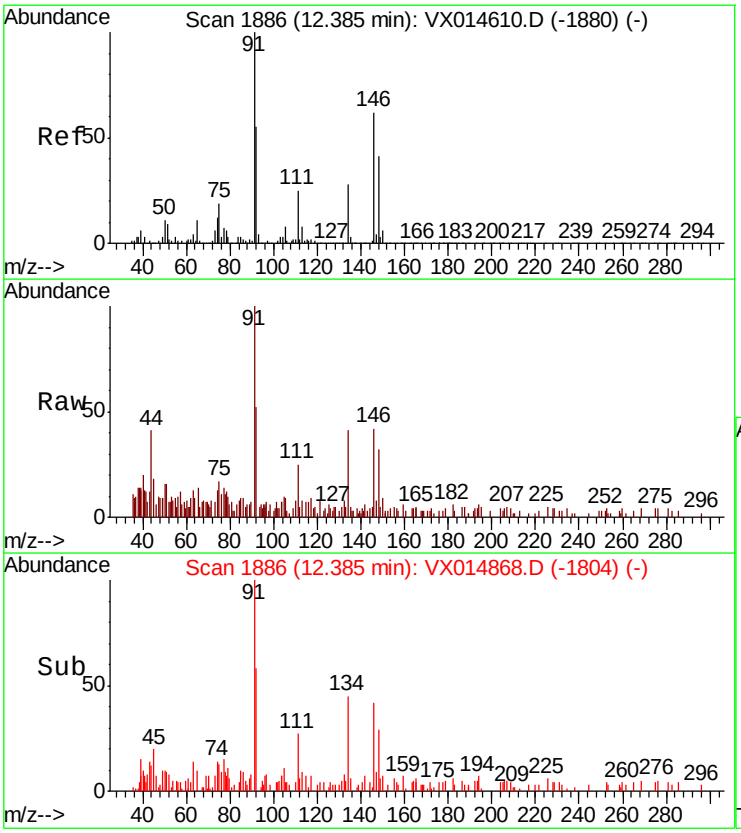
#84
1,4-Dichlorobenzene
Concen: 0.327 ug/l
RT: 12.10 min Scan# 1839
Delta R.T. 0.01 min
Lab File: VX014868.D
Acq: 07 Feb 2020 14:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 2902

Ion	Ratio	Lower	Upper
146	100		
111	48.5	18.4	55.4
148	64.7	32.0	96.0

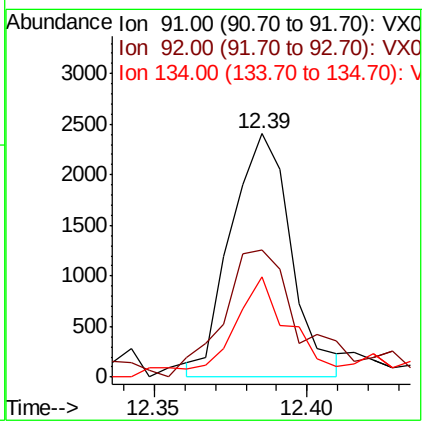


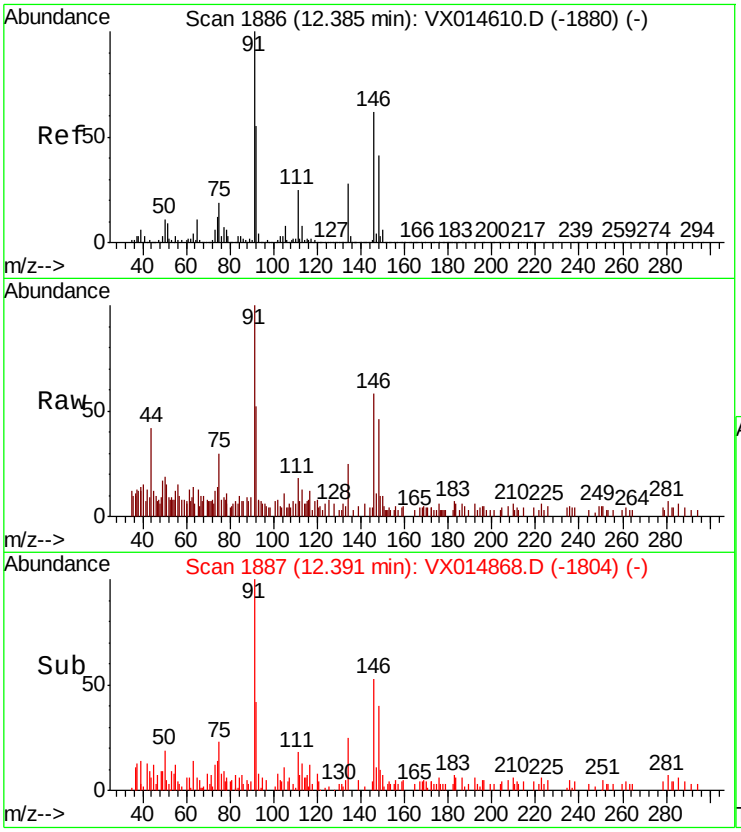


#85
n-Butylbenzene
Concen: 0.221 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014868.D
Acq: 07 Feb 2020 14:04

Tgt Ion: 91 Resp: 3287

Ion	Ratio	Lower	Upper
91	100		
92	54.9	0.0	109.0
134	31.9	0.0	54.0



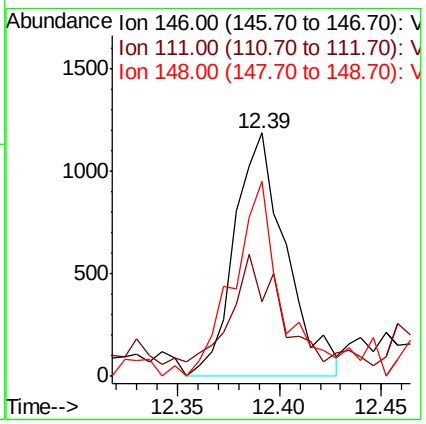


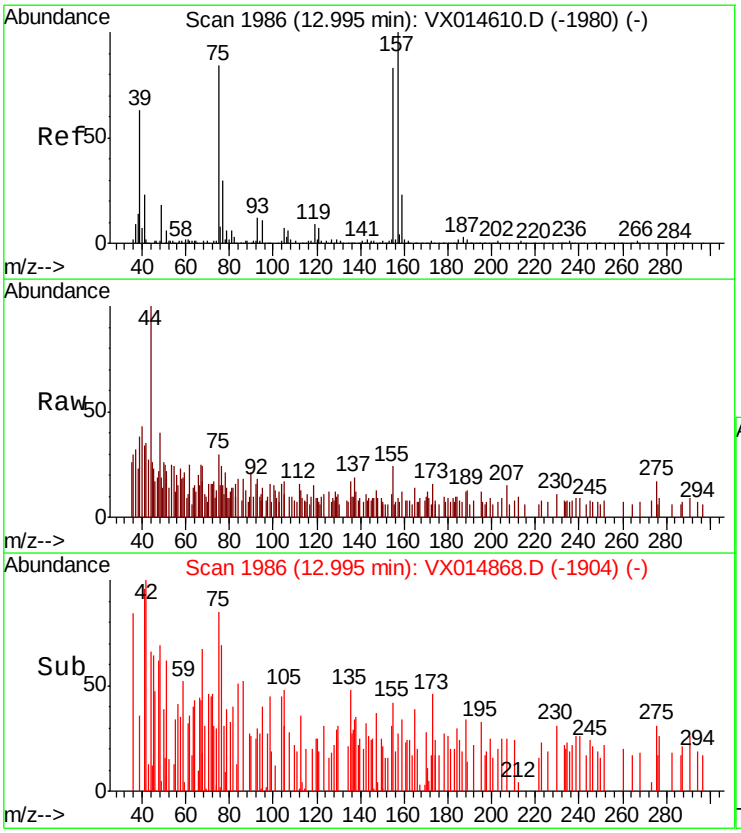
#87
1,2-Dichlorobenzene
Concen: 0.231 ug/l
RT: 12.39 min Scan# 1887
Delta R.T. 0.01 min
Lab File: VX014868.D
Acq: 07 Feb 2020 14:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 2082

Ion	Ratio	Lower	Upper
146	100		
111	37.7	20.1	60.2
148	73.9	32.0	96.2

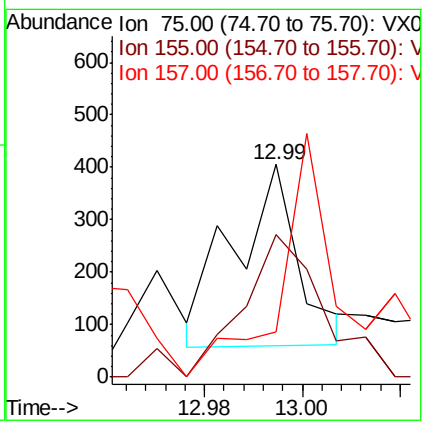


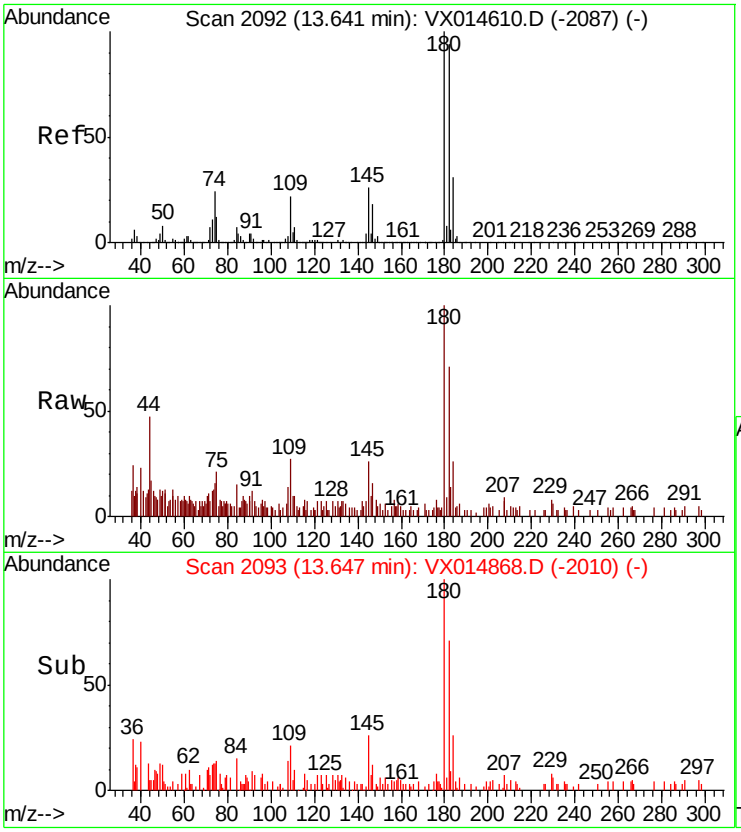


#88
1,2-Dibromo-3-Chloropropane
Concen: 0.228 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VX014868.D
Acq: 07 Feb 2020 14:04

Tgt Ion: 75 Resp: 317

Ion	Ratio	Lower	Upper
75	100		
155	96.5	73.8	110.6
157	89.3	95.0	142.4#



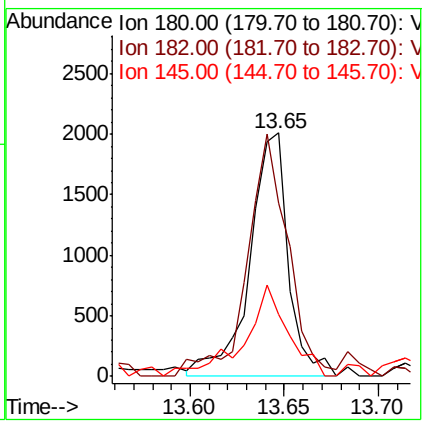


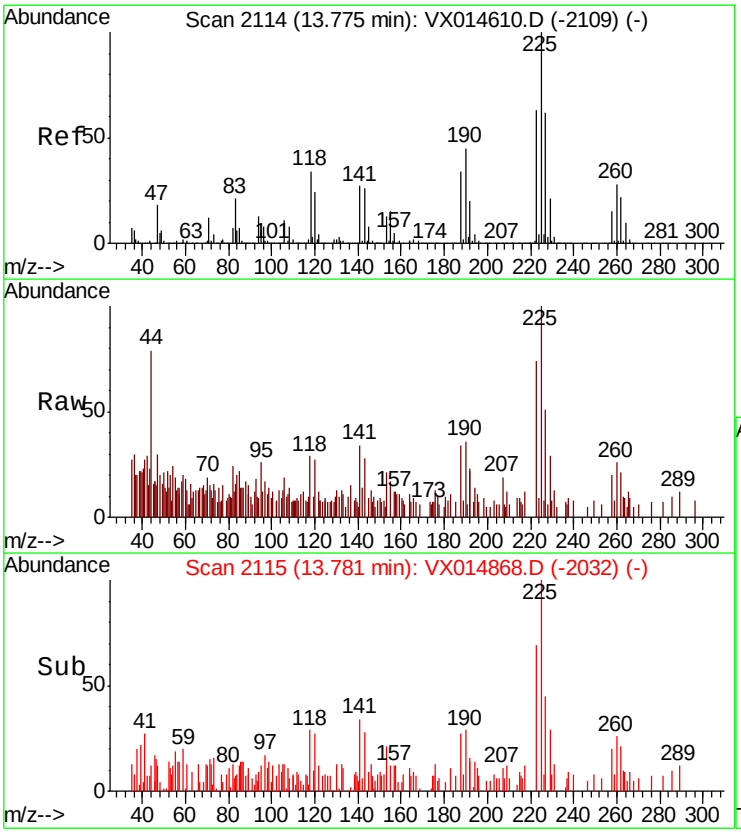
#89
1,2,4-Trichlorobenzene
Concen: 0.482 ug/l
RT: 13.65 min Scan# 2093
Delta R.T. 0.01 min
Lab File: VX014868.D
Acq: 07 Feb 2020 14:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 2867

Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.4	114.6
145	33.8	21.9	32.9#

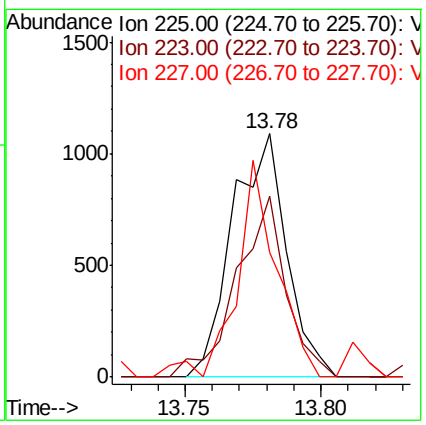


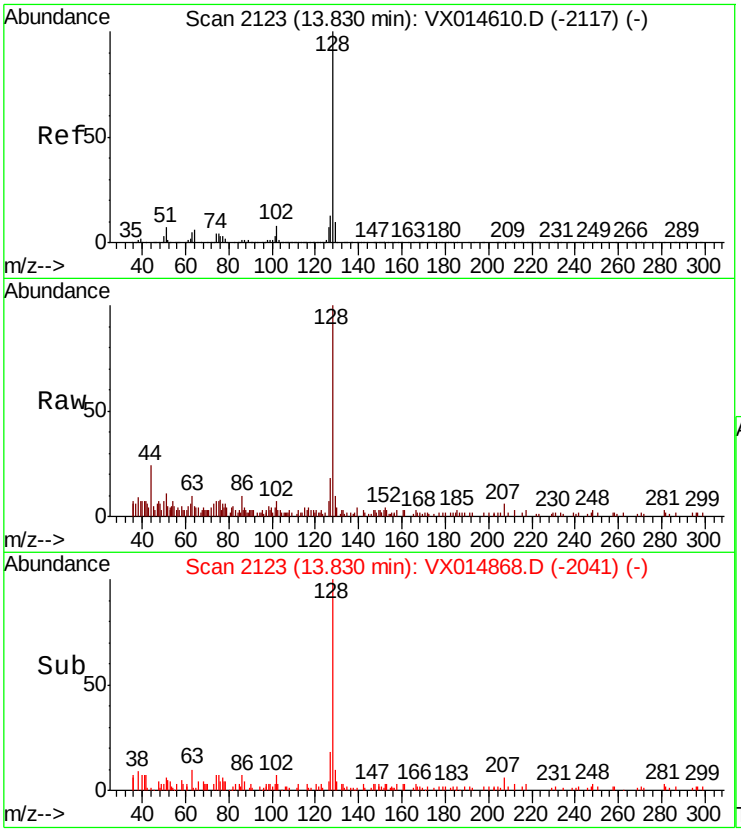


#90
Hexachlorobutadiene
Concen: 0.505 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VX014868.D
Acq: 07 Feb 2020 14:04

Tgt Ion:225 Resp: 1503

Ion	Ratio	Lower	Upper
225	100		
223	67.8	0.0	127.4
227	62.7	0.0	122.8



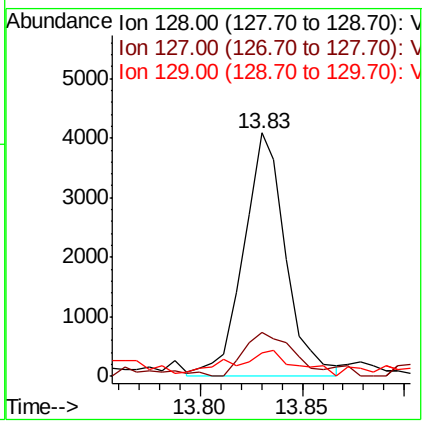


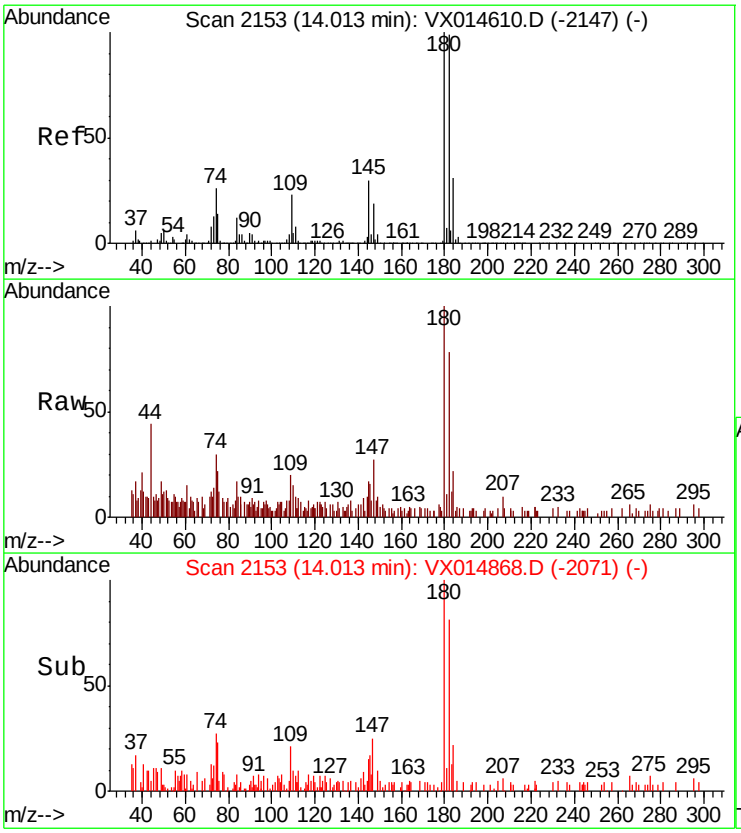
#91
Naphthalene
Concen: 0.326 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014868.D
Acq: 07 Feb 2020 14:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 5856

Ion	Ratio	Lower	Upper
128	100		
127	21.0	10.4	15.6#
129	10.0	8.9	13.3





#92
1,2,3-Trichlorobenzene
Concen: 0.416 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014868.D
Acq: 07 Feb 2020 14:04

Tgt Ion:180 Resp: 2519

Ion	Ratio	Lower	Upper
180	100		
182	96.3	0.0	192.8
145	36.0	0.0	60.0