Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021120\
Data File : VX014911.D
Acq On : 11 Feb 2020 13:09
Operator : JC/SP
Sample : L1470-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Feb 12 05:43:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	454534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	702258	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	664183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	347619	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	258952	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.96%			
35) Dibromofluoromethane	5.49	113	216507	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.30%			
50) Toluene-d8	8.71	98	838375	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.74%			
62) 4-Bromofluorobenzene	11.14	95	308980	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.10%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	1104	0.226	ug/l #	72
5) Bromomethane	1.66	94	1956	0.575	ug/l	98
10) Methyl Iodide	2.52	142	2661	4.880	ug/l #	90
11) Tert butyl alcohol	3.03	59	305	0.337	ug/l #	72
13) Acrolein	2.30	56	443	0.642	ug/l #	15
15) Acrylonitrile	3.13	53	864	0.376	ug/l #	51
16) Acetone	2.44	43	4751	Below Cal		94
17) Carbon Disulfide	2.56	76	4214	0.362	ug/l #	94
21) trans-1,2-Dichloroethene	3.15	96	1093	0.238	ug/l #	41
25) 2-Butanone	4.69	43	3401	0.974	ug/l #	89
28) Bromochloromethane	5.02	49	870	0.282	ug/l #	73
36) 1,1-Dichloropropene	5.65	75	29422	4.684	ug/l #	53
38) Carbon Tetrachloride	5.65	117	40064	6.544	ug/l #	15
49) 1,4-Dioxane	7.73	88	486	4.887	ug/l #	72
51) 4-Methyl-2-Pentanone	8.64	43	1383	0.212	ug/l #	81
76) 1,2,3-Trichloropropane	11.13	75	155116	24.676	ug/l #	41
81) trans-1,4-Dichloro-2-buten	11.13	75	155116	63.163	ug/l #	12
87) 1,3-Dichlorobenzene	12.02	146	2780	0.255	ug/l	98
88) 1,4-Dichlorobenzene	12.02	146	2780	0.249	ug/l	99
89) n-Butylbenzene	12.39	91	4762	0.265	ug/l	91
93) 1,2,4-Trichlorobenzene	13.65	180	3041	0.385	ug/l #	89
94) Hexachlorobutadiene	13.78	225	1833	0.480	ug/l	91
95) Naphthalene	13.83	128	6769	0.322	ug/l #	86
96) 1,2,3-Trichlorobenzene	14.02	180	2764	0.362	ug/l	87

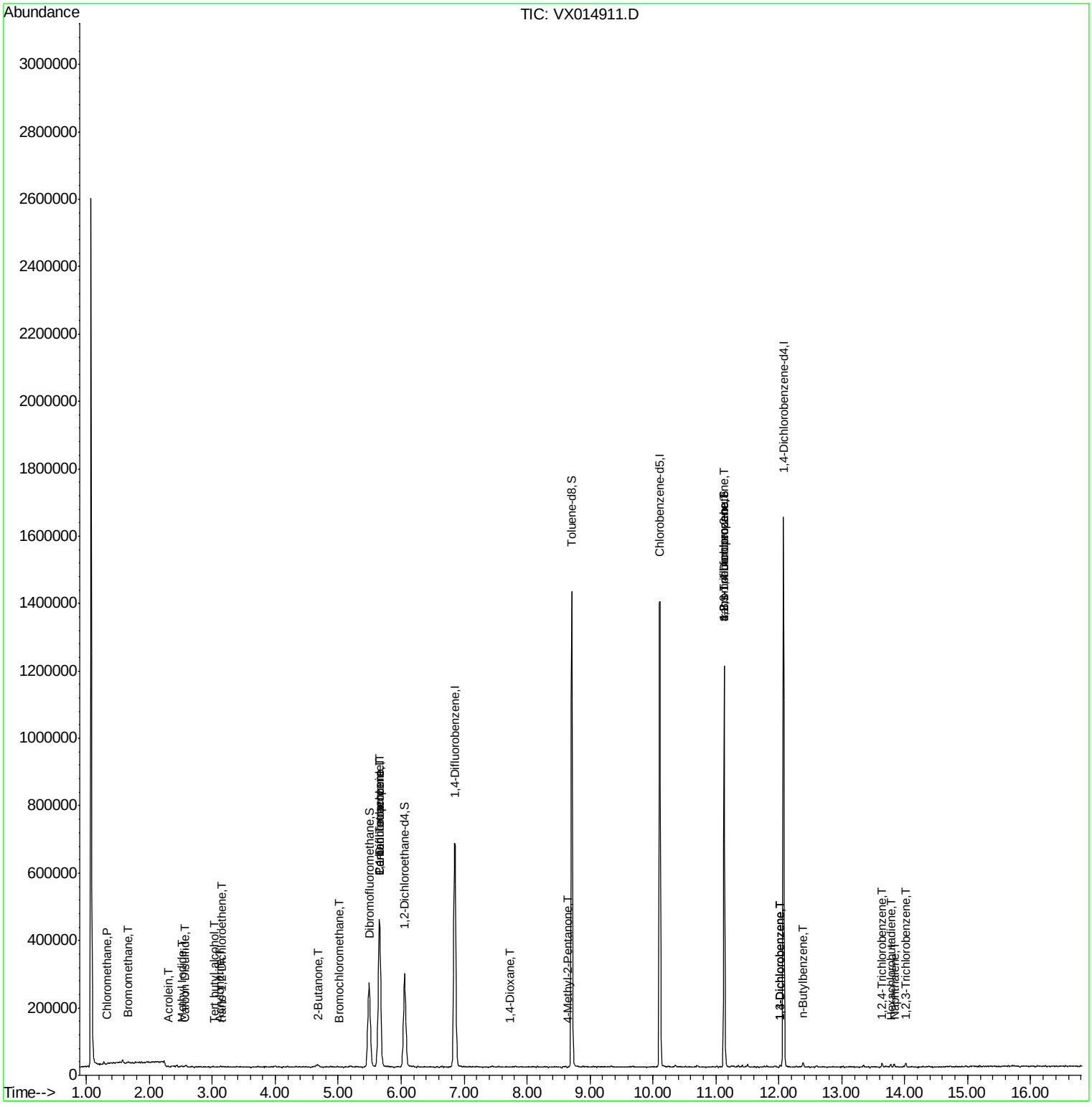
(#) = qualifier out of range (m) = manual integration (+) = signals summed

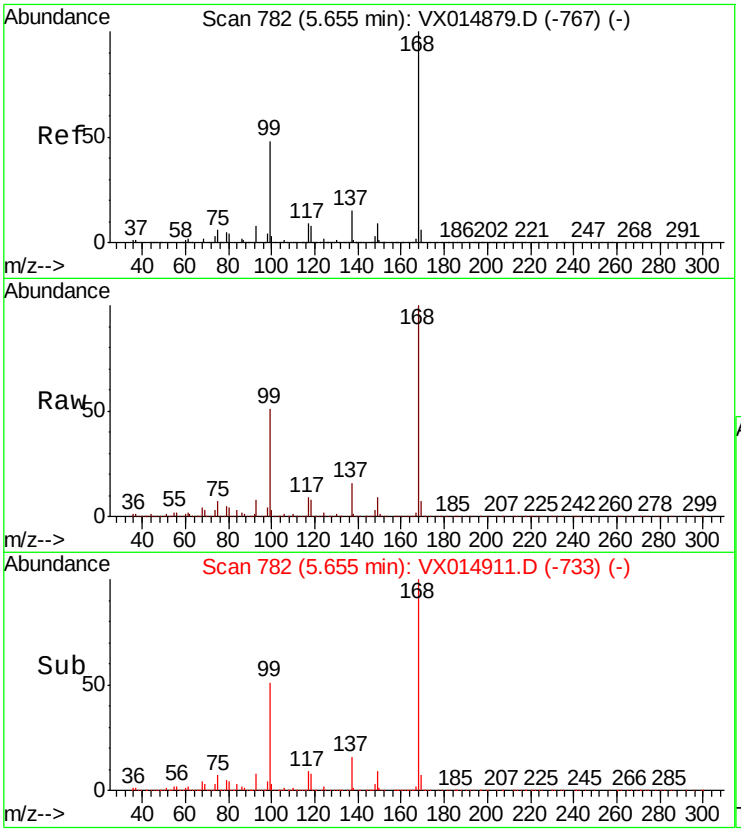
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021120\
Data File : VX014911.D
Acq On : 11 Feb 2020 13:09
Operator : JC/SP
Sample : L1470-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 12 05:43:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration



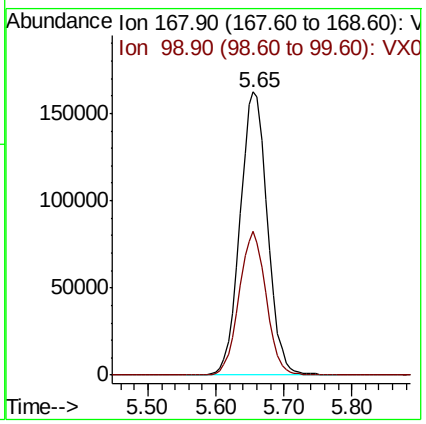


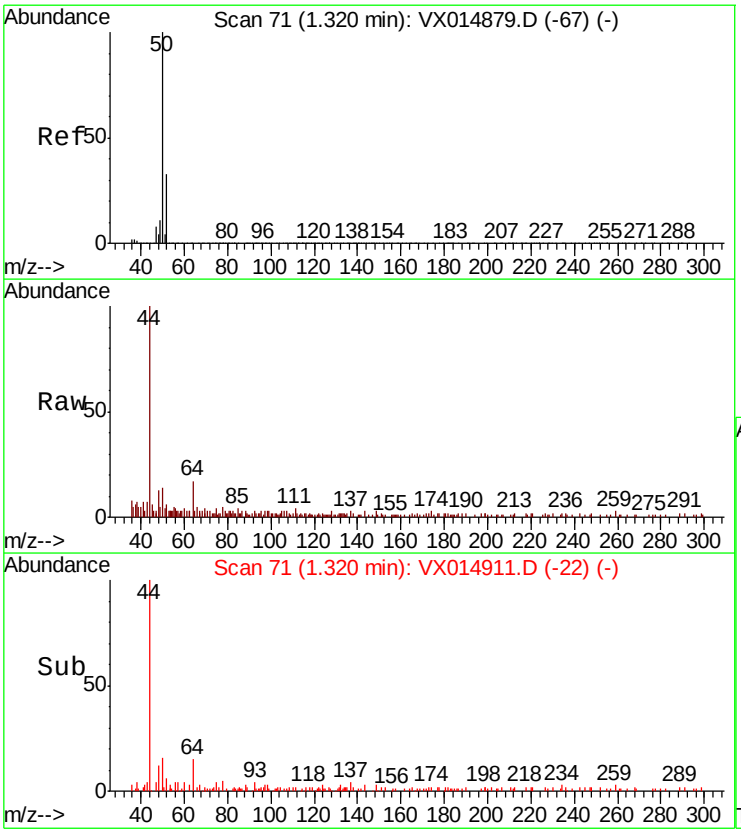
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.00 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 454534

Ion	Ratio	Lower	Upper
168	100		
99	50.8	38.7	58.1

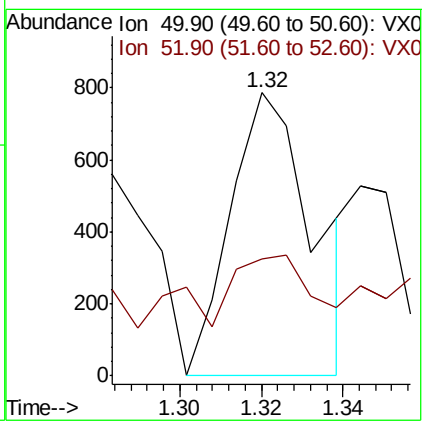


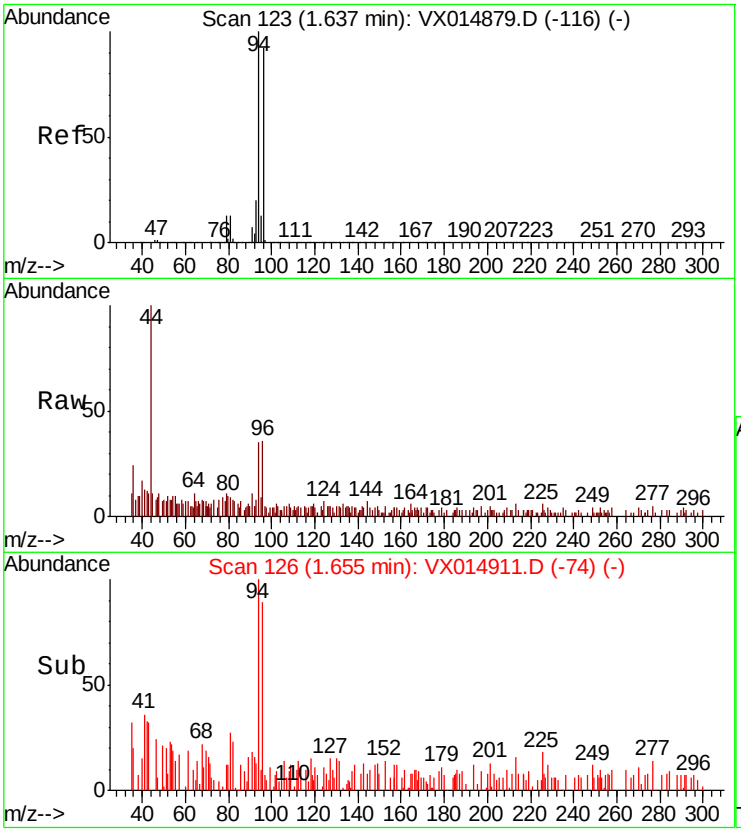


#3
Chloromethane
Concen: 0.226 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Tgt Ion: 50 Resp: 1104

Ion	Ratio	Lower	Upper
50	100		
52	17.0	26.2	39.2#



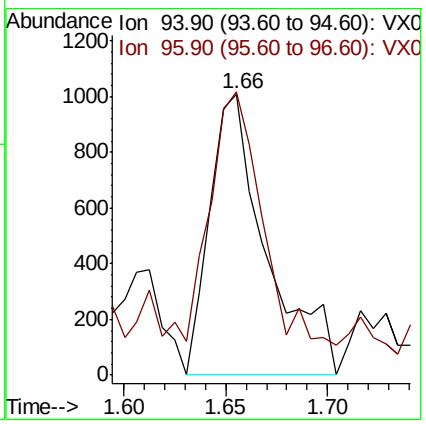


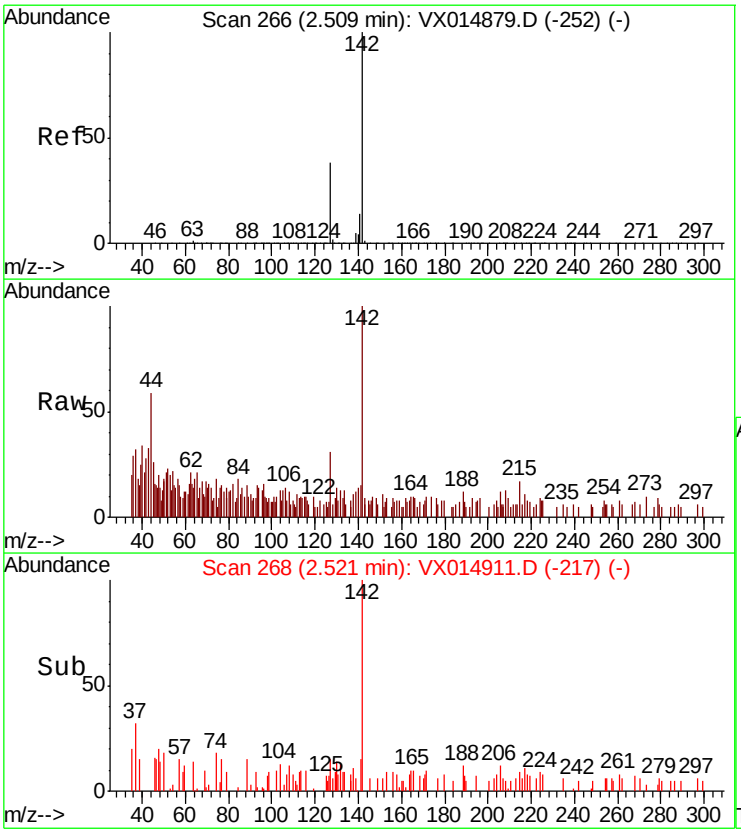
#5
Bromomethane
Concen: 0.575 ug/l
RT: 1.66 min Scan# 126
Delta R.T. 0.02 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 94 Resp: 1956

Ion	Ratio	Lower	Upper
94	100		
96	90.1	73.7	110.5

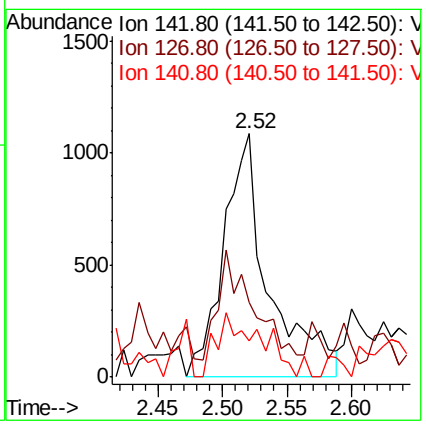


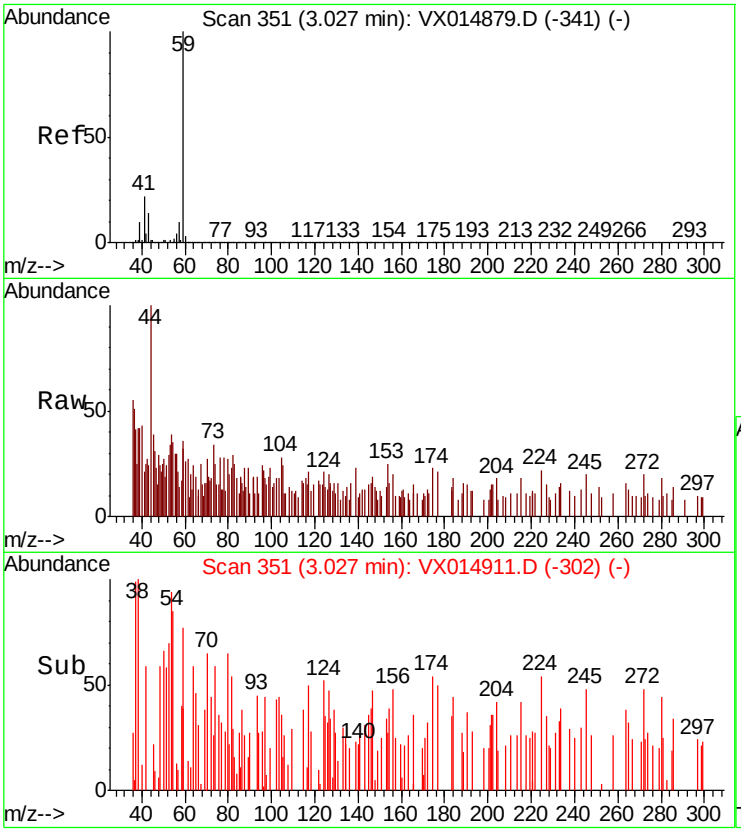


#10
Methyl Iodide
Concen: 4.880 ug/l
RT: 2.52 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Tgt Ion:142 Resp: 2661

Ion	Ratio	Lower	Upper
142	100		
127	36.5	31.1	46.7
141	25.4	11.3	16.9#



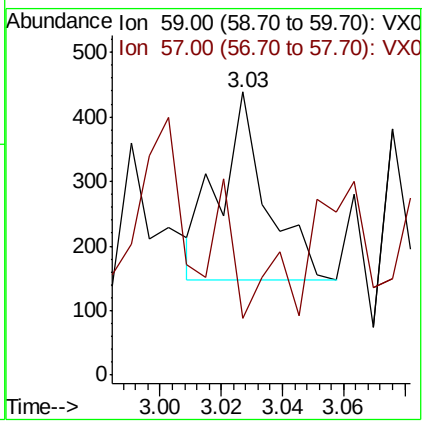


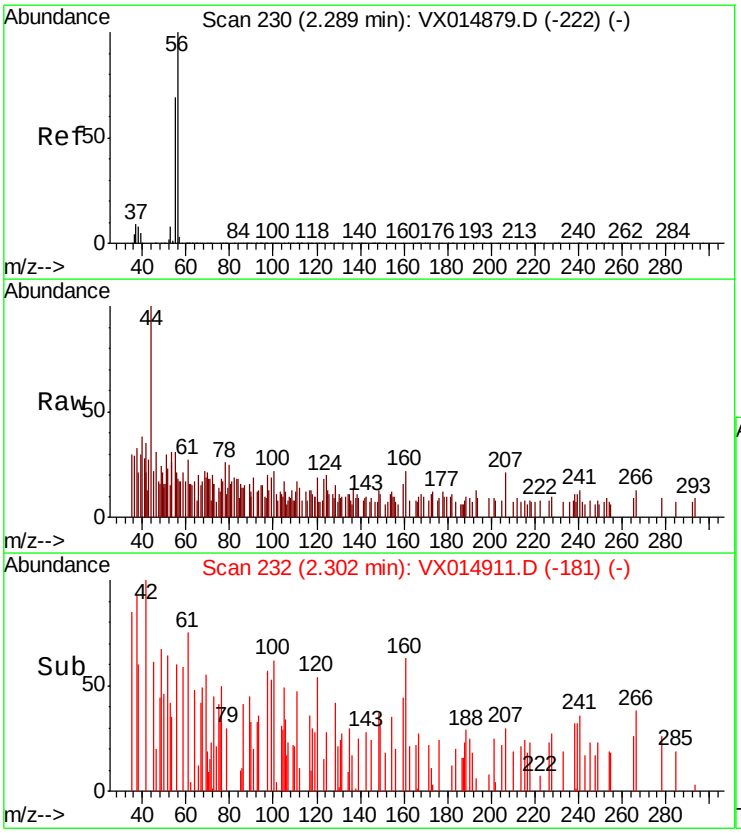
#11
Tert butyl alcohol
Concen: 0.337 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 305

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#

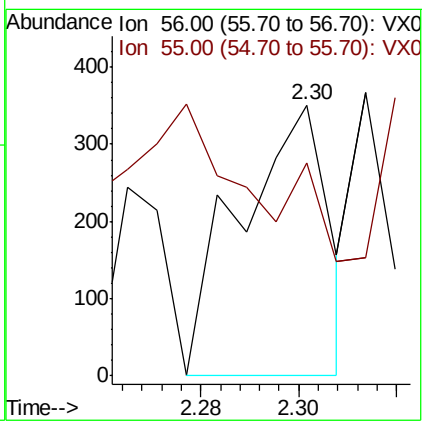


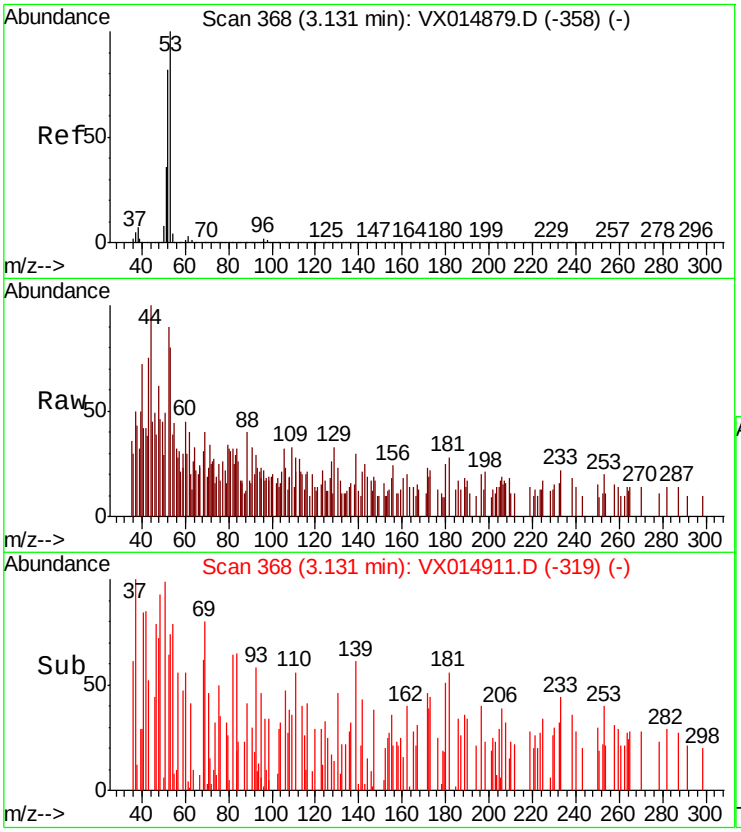


#13
Acrolein
Concen: 0.642 ug/l
RT: 2.30 min Scan# 232
Delta R.T. 0.01 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Tgt Ion: 56 Resp: 443

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.0	82.4#



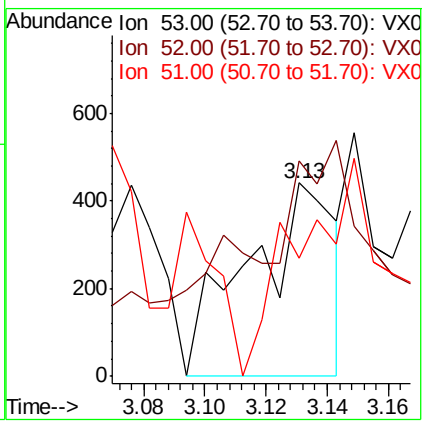


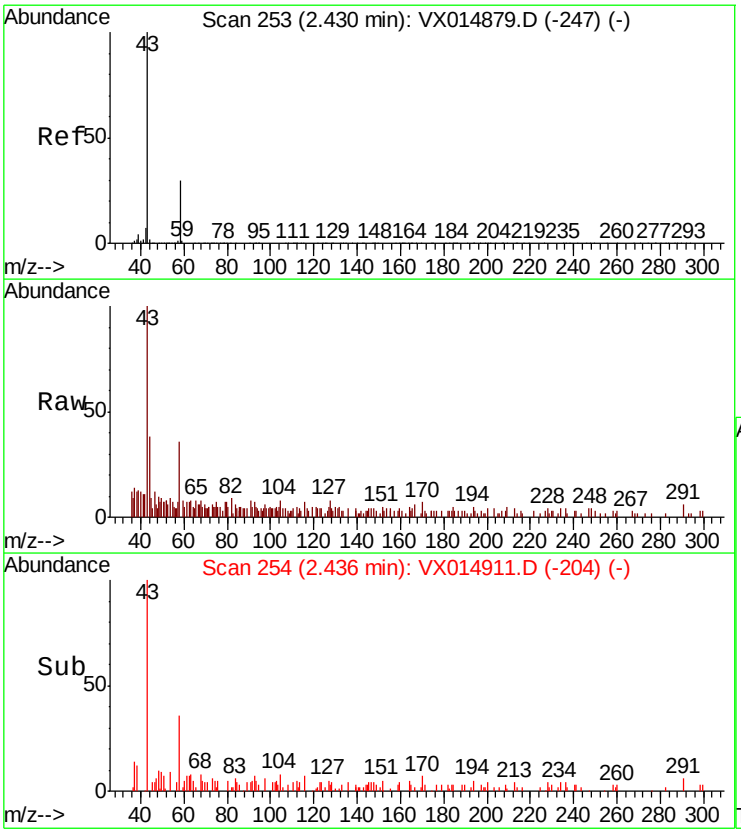
#15
Acrylonitrile
Concen: 0.376 ug/l
RT: 3.13 min Scan# 368
Delta R.T. -0.00 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 864

Ion	Ratio	Lower	Upper
53	100		
52	69.2	65.8	98.6
51	110.6	29.1	43.7#

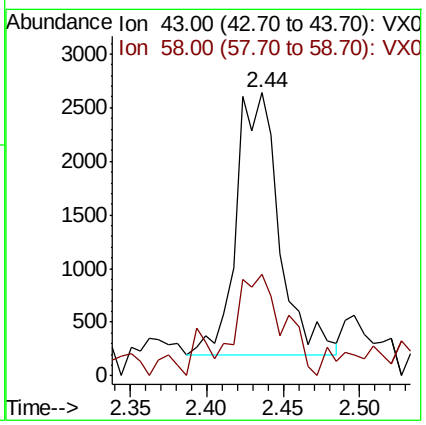


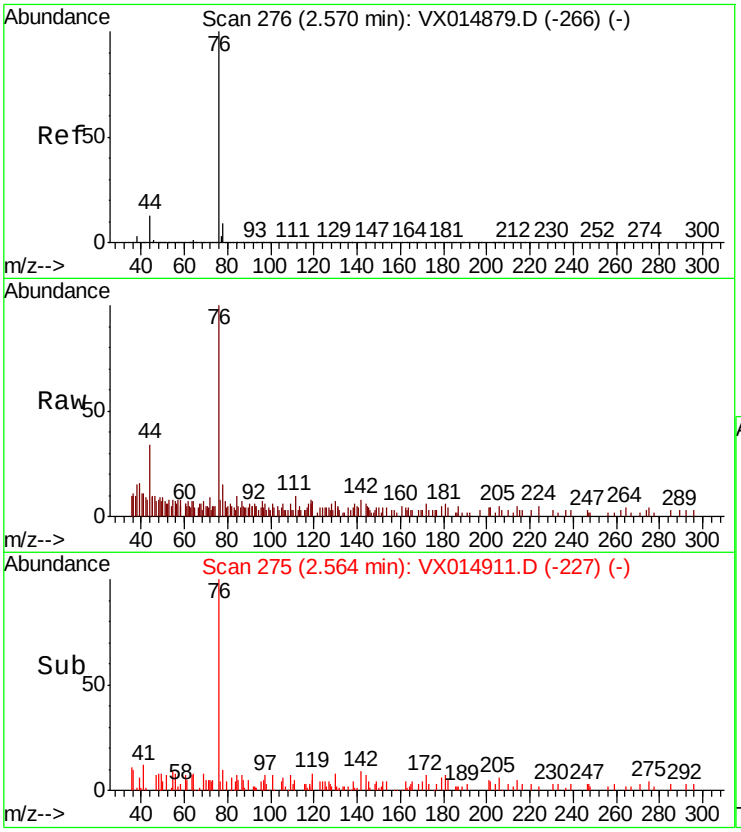


#16
Acetone
Concen: Below Cal
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Tgt Ion: 43 Resp: 4751

Ion	Ratio	Lower	Upper
43	100		
58	33.1	24.1	36.1



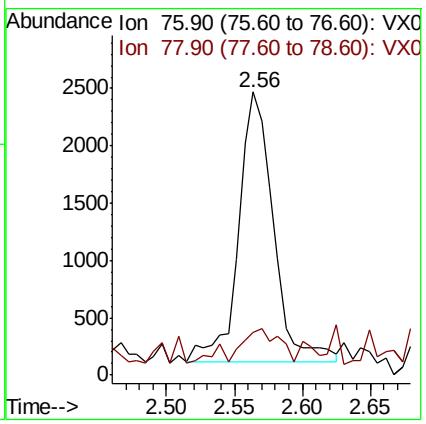


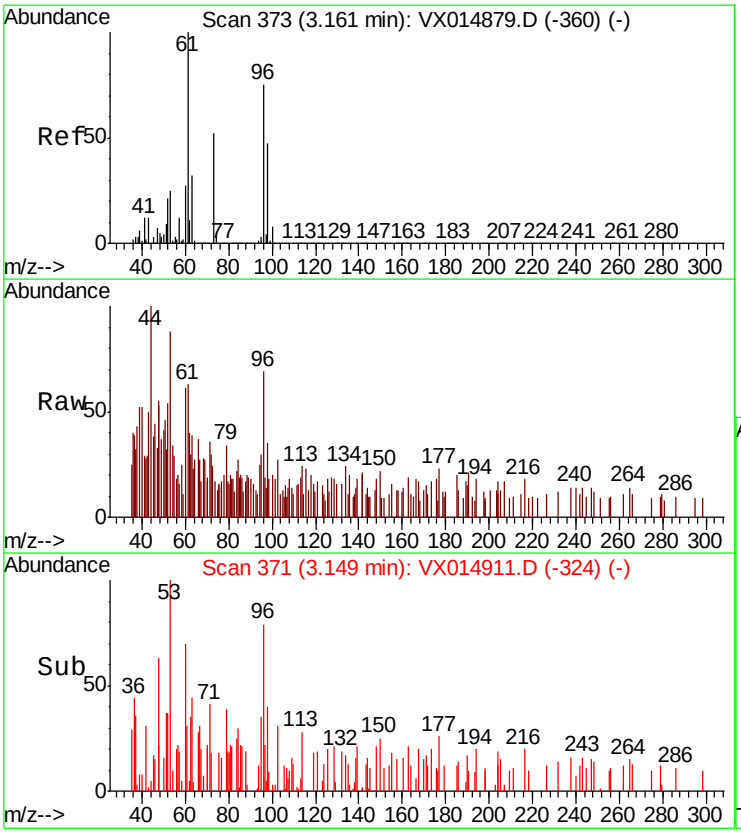
#17
Carbon Disulfide
Concen: 0.362 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 4214

Ion	Ratio	Lower	Upper
76	100		
78	11.3	7.4	11.0#

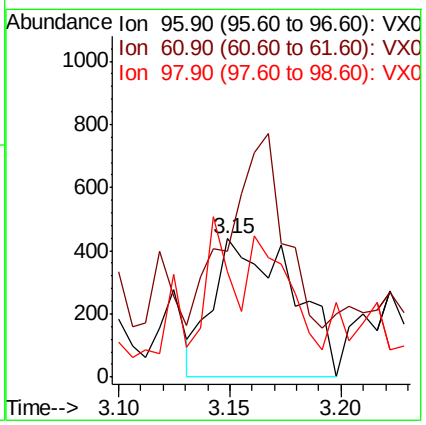


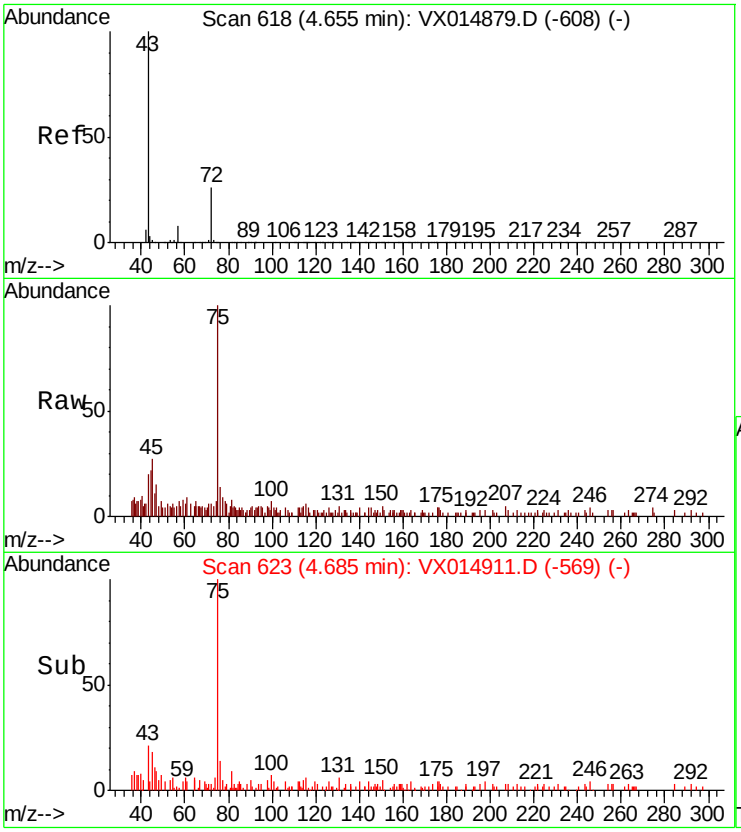


#21
trans-1,2-Dichloroethene
Concen: 0.238 ug/l
RT: 3.15 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Tgt Ion: 96 Resp: 1093

Ion	Ratio	Lower	Upper
96	100		
61	53.5	106.9	160.3#
98	30.7	50.7	76.1#



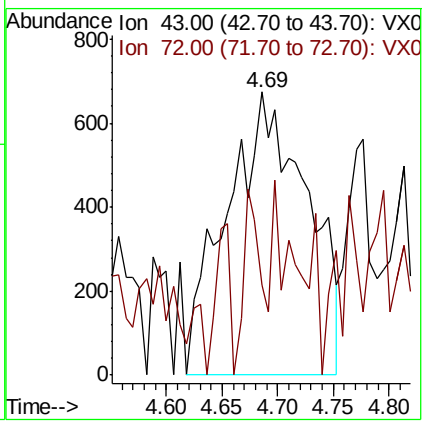


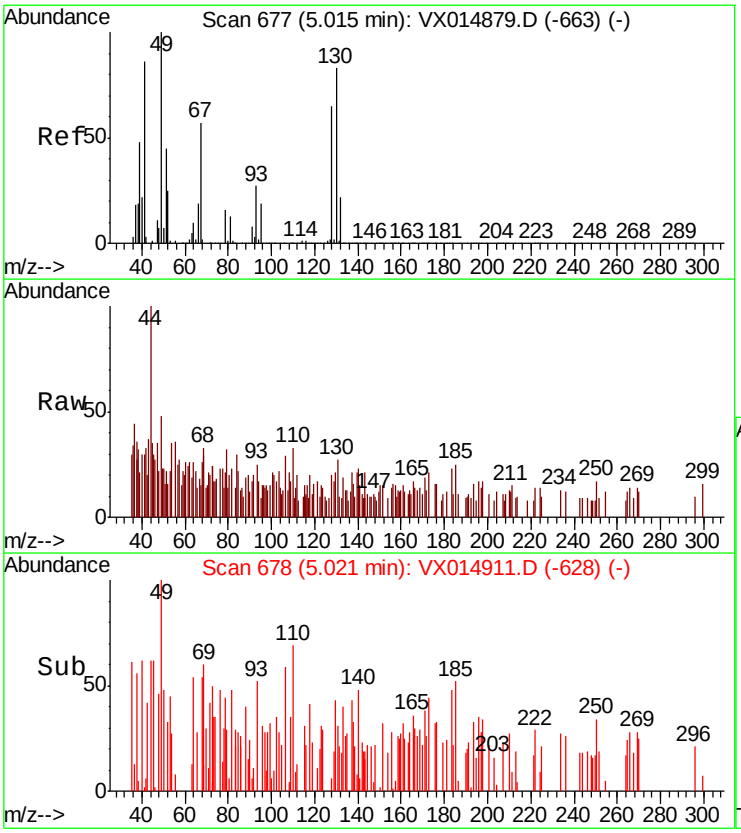
#25
2-Butanone
Concen: 0.974 ug/l
RT: 4.69 min Scan# 623
Delta R.T. 0.03 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 3401

Ion	Ratio	Lower	Upper
43	100		
72	20.8	21.0	31.6#

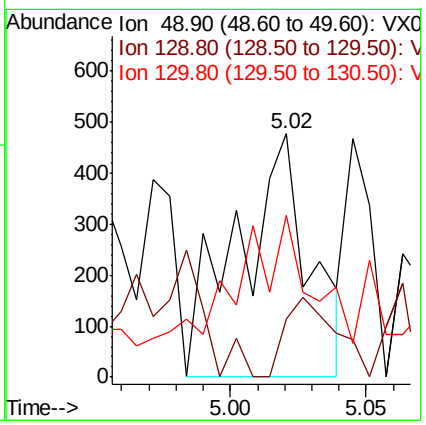


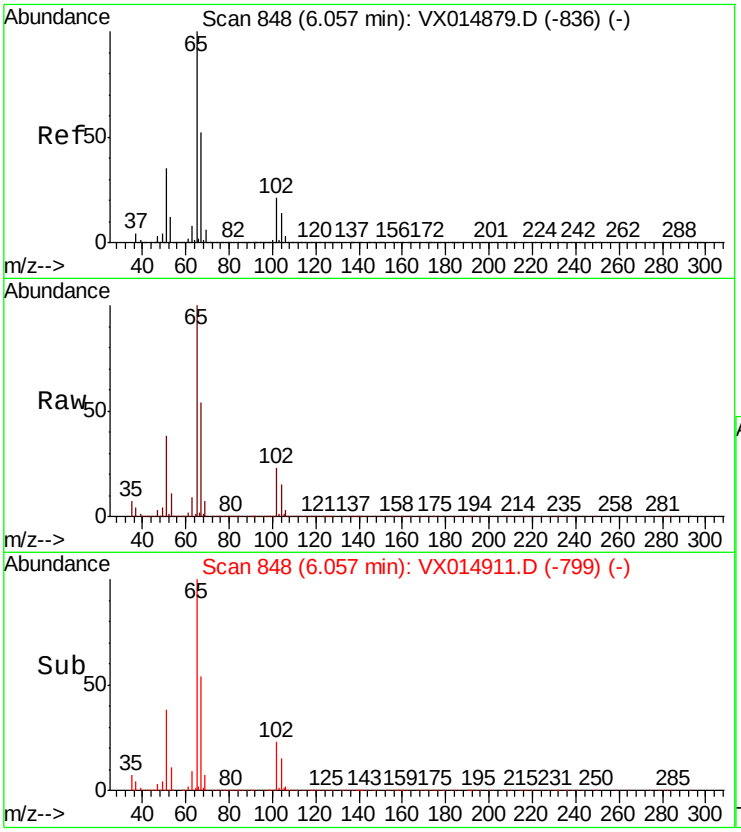


#28
Bromochloromethane
Concen: 0.282 ug/l
RT: 5.02 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Tgt Ion: 49 Resp: 870

Ion	Ratio	Lower	Upper
49	100		
129	23.1	0.0	5.2#
130	60.8	67.4	101.2#



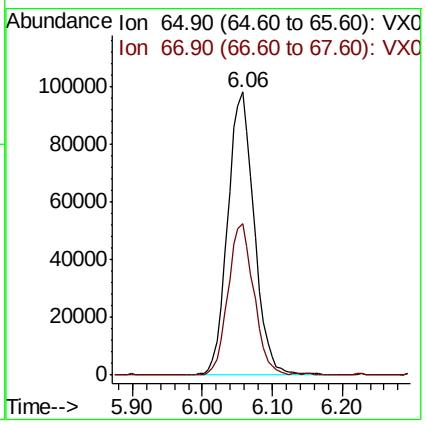


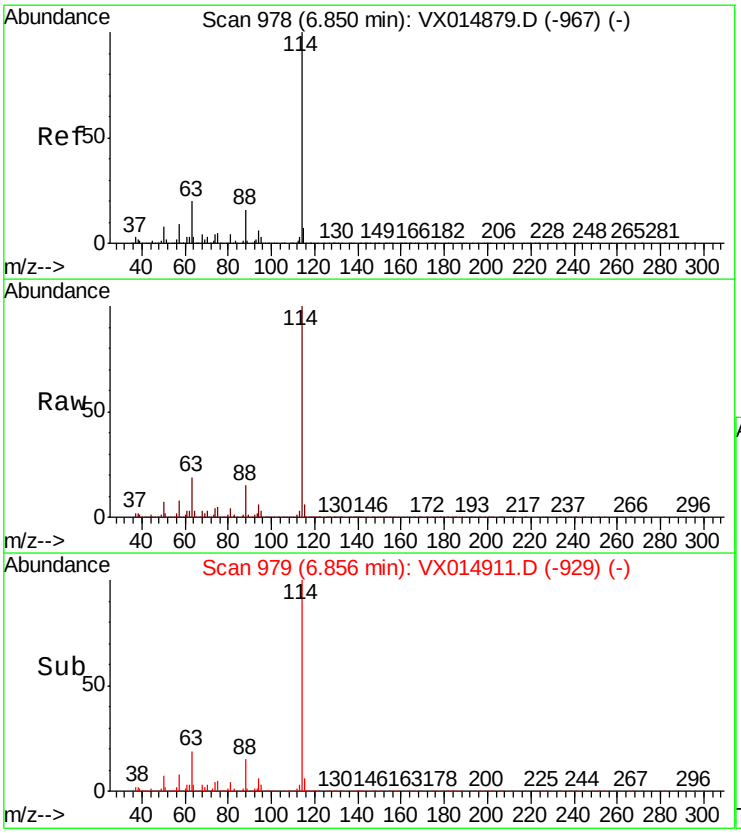
#33
1,2-Dichloroethane-d4
Concen: 50.480 ug/l
RT: 6.06 min Scan# 848
Delta R.T. -0.00 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 258952

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	103.0

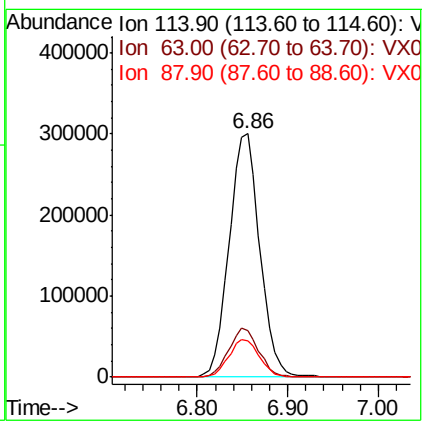


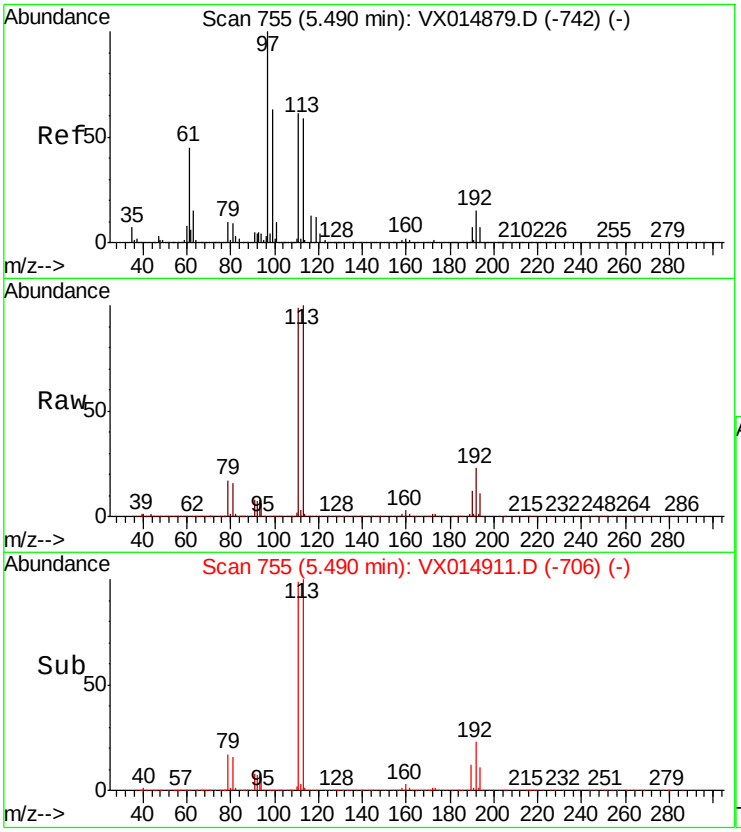


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 979
Delta R.T. 0.01 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Tgt Ion:114 Resp: 702258

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	39.2
88	15.0	0.0	32.0



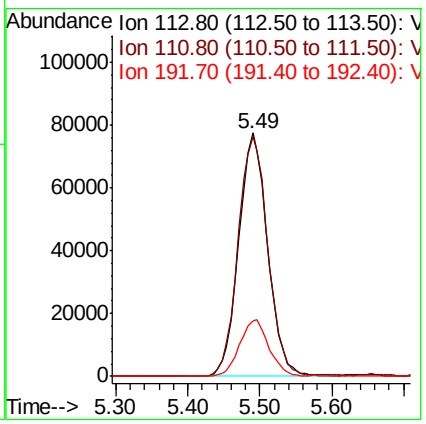


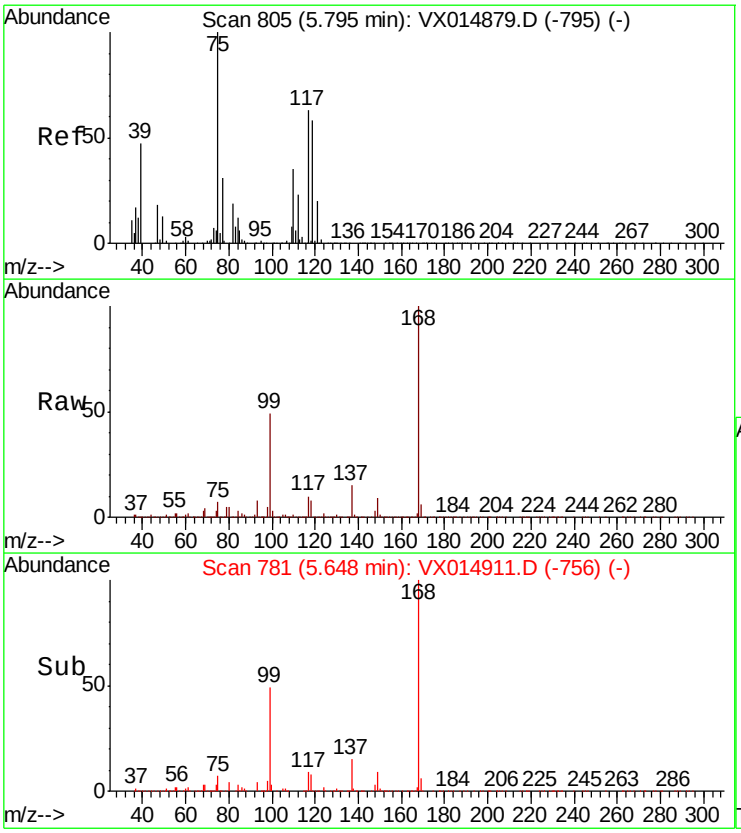
#35
Dibromofluoromethane
Concen: 50.149 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 216507

Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.4	123.6
192	23.7	19.1	28.7

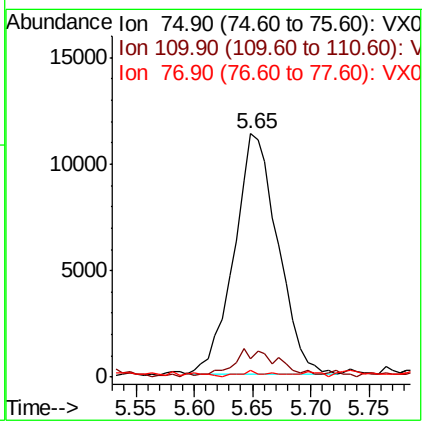


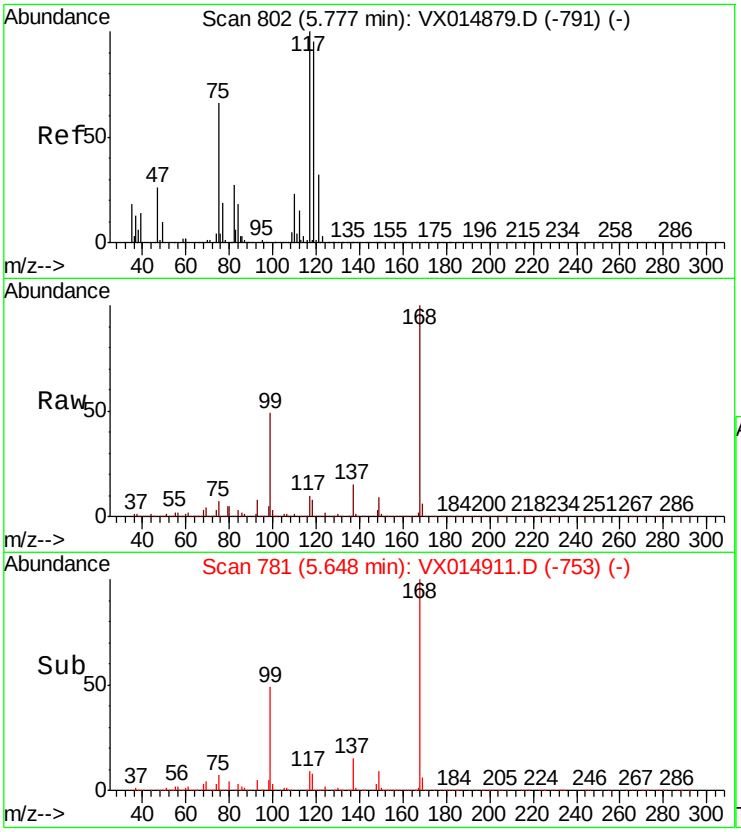


#36
1,1-Dichloropropene
Concen: 4.684 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.15 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Tgt Ion: 75 Resp: 29422

Ion	Ratio	Lower	Upper
75	100		
110	11.8	18.3	54.8#
77	1.2	24.6	36.8#



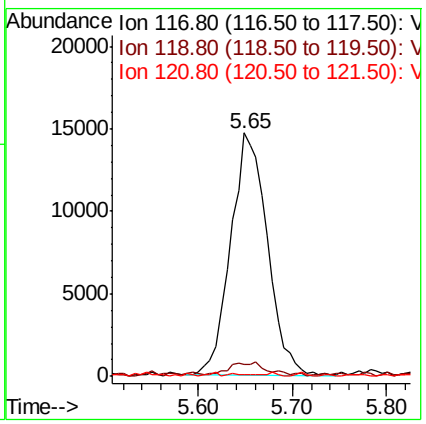


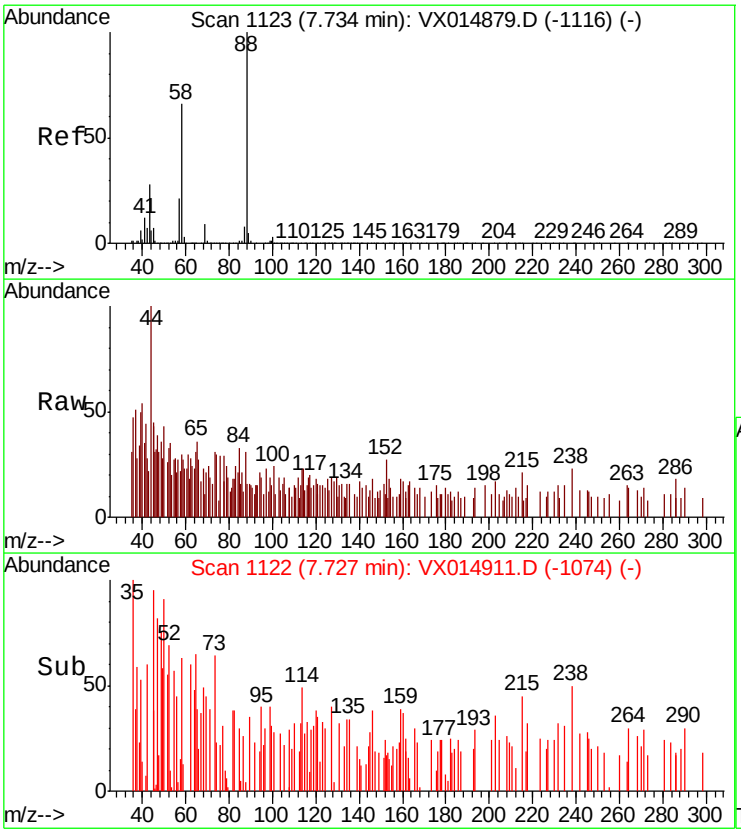
#38
Carbon Tetrachloride
Concen: 6.544 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 40064

Ion	Ratio	Lower	Upper
117	100		
119	3.7	76.0	114.0#
121	0.6	25.4	38.2#

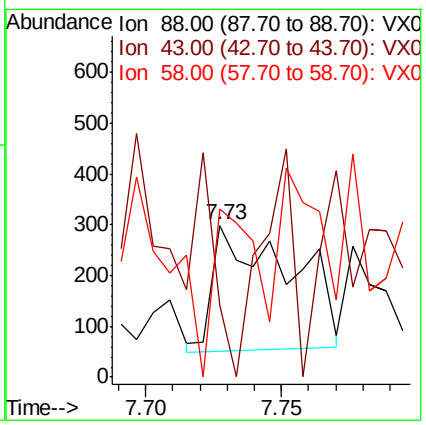


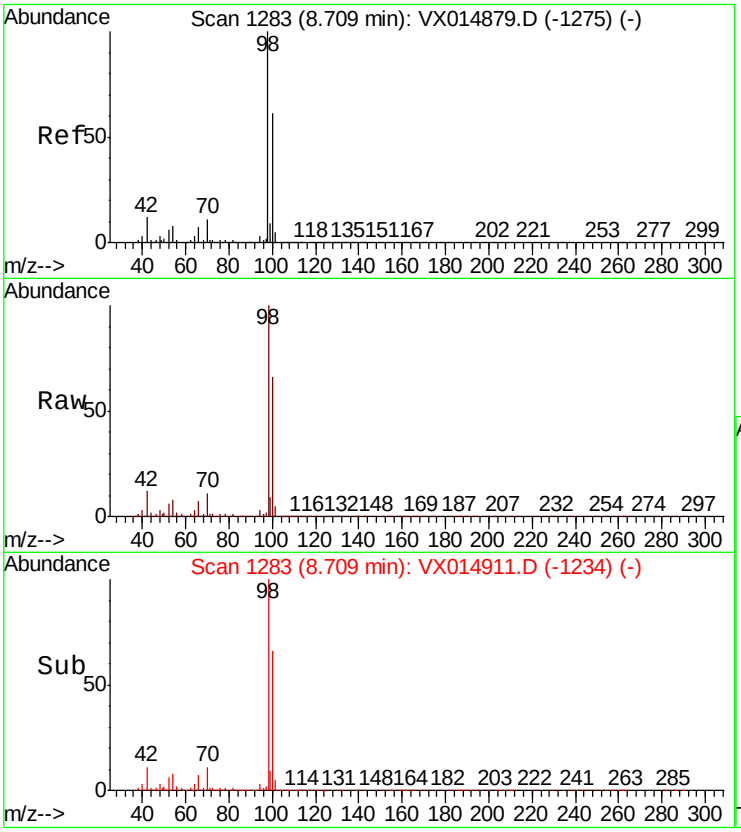


#49
1,4-Dioxane
Concen: 4.887 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Tgt Ion: 88 Resp: 486

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.0	40.4#
58	76.1	53.2	79.8



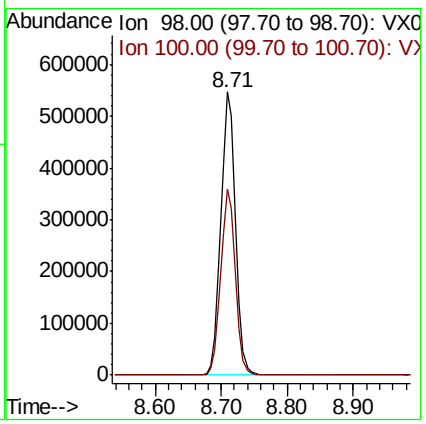


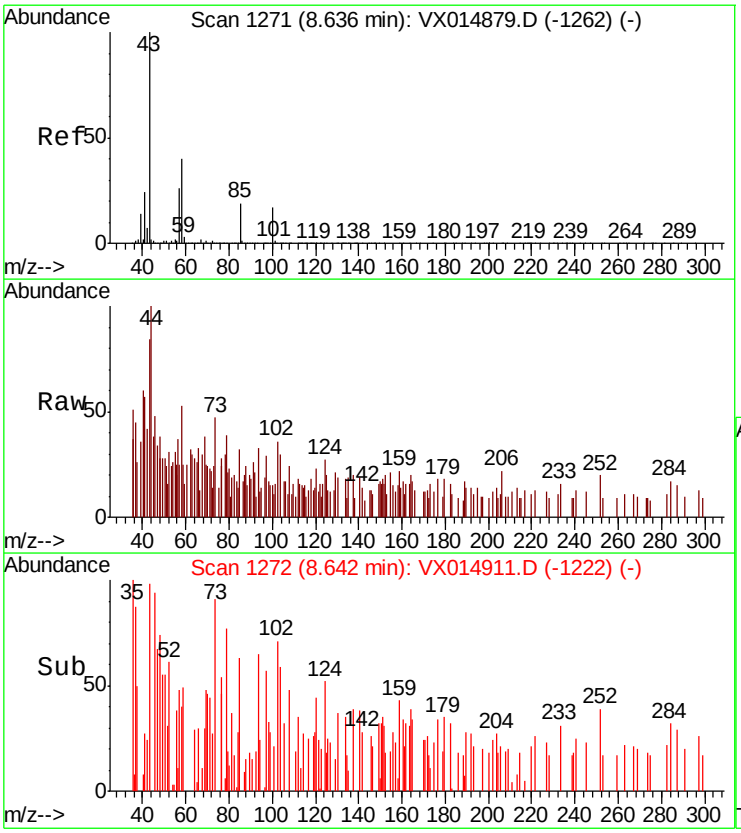
#50
Toluene-d8
Concen: 50.874 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 838375

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.4	78.6

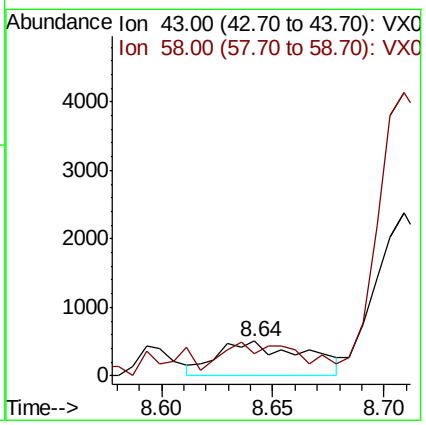


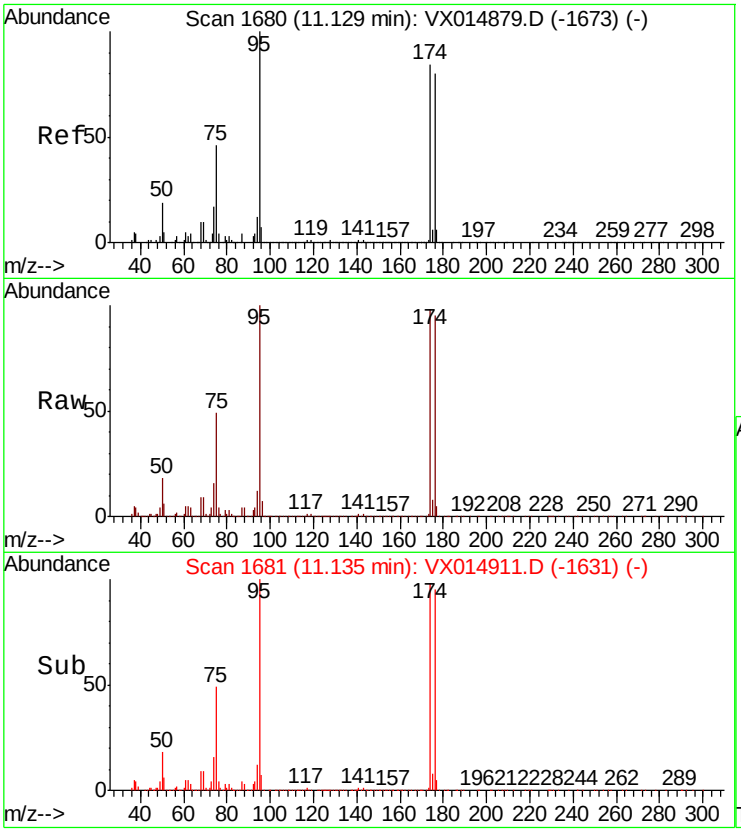


#51
4-Methyl-2-Pentanone
Concen: 0.212 ug/l
RT: 8.64 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Tgt Ion: 43 Resp: 1383

Ion	Ratio	Lower	Upper
43	100		
58	28.1	31.9	47.9#



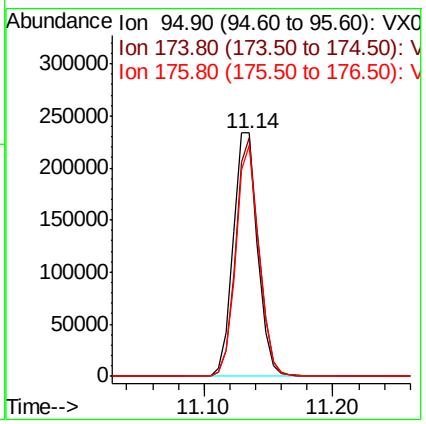


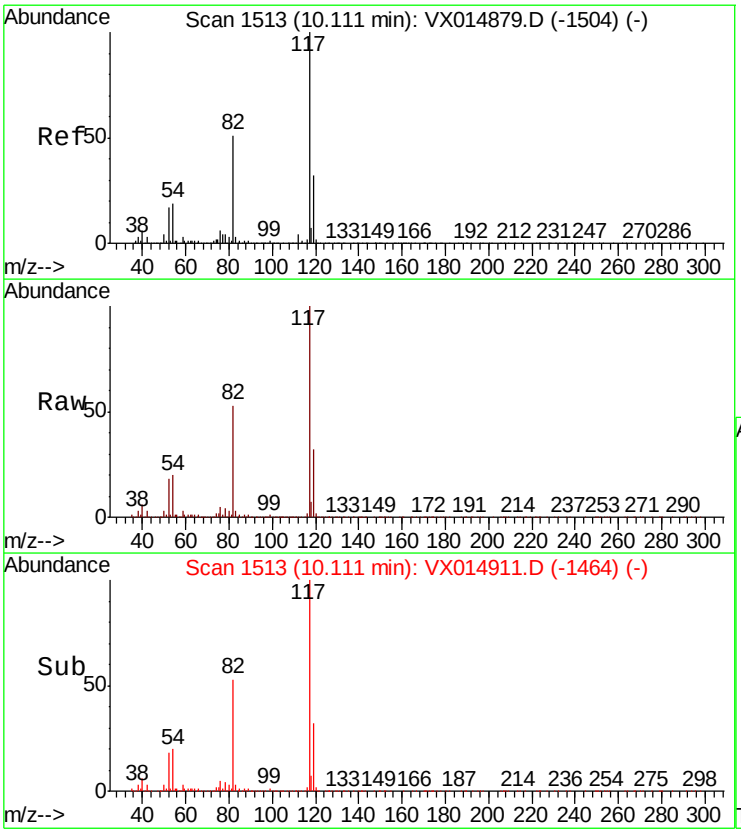
#62
4-Bromofluorobenzene
Concen: 52.048 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 308980

Ion	Ratio	Lower	Upper
95	100		
174	92.7	0.0	183.0
176	89.5	0.0	178.0

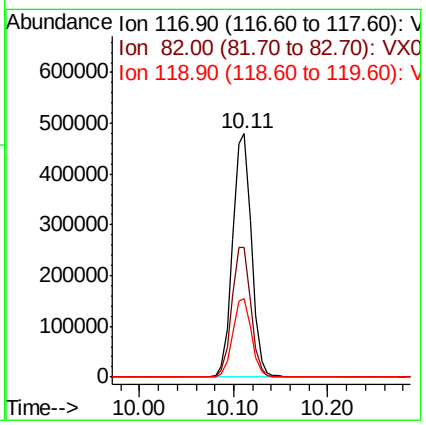


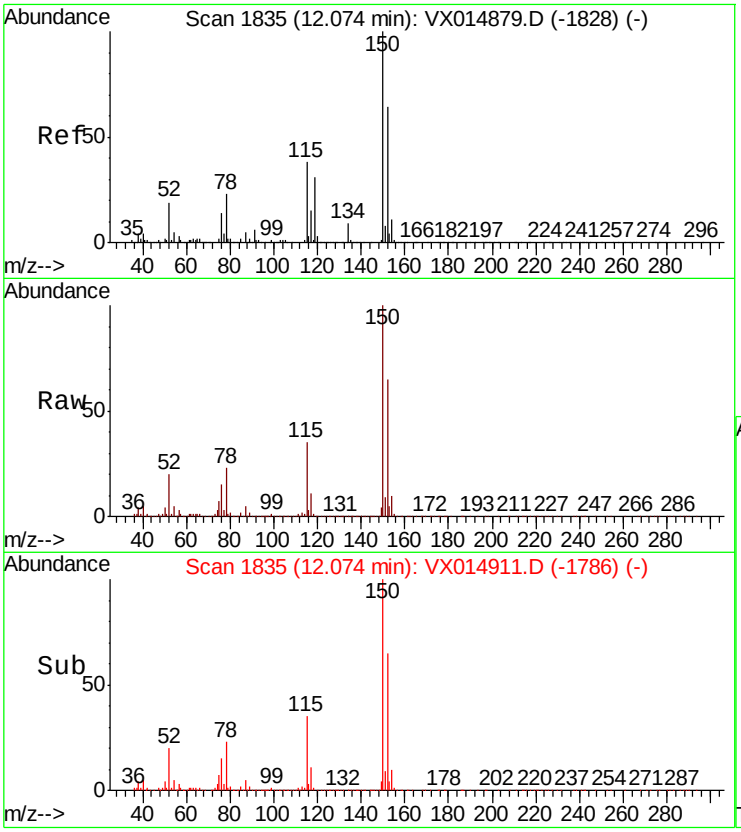


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Tgt Ion:117 Resp: 664183

Ion	Ratio	Lower	Upper
117	100		
82	53.4	40.5	60.7
119	32.2	25.8	38.6



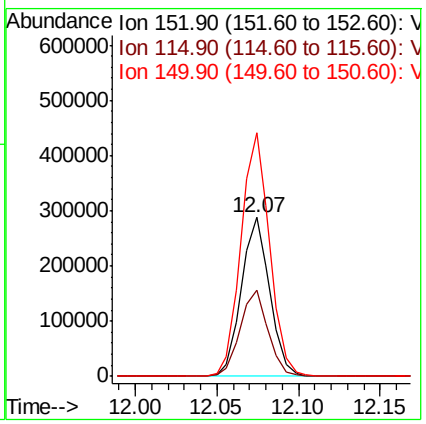


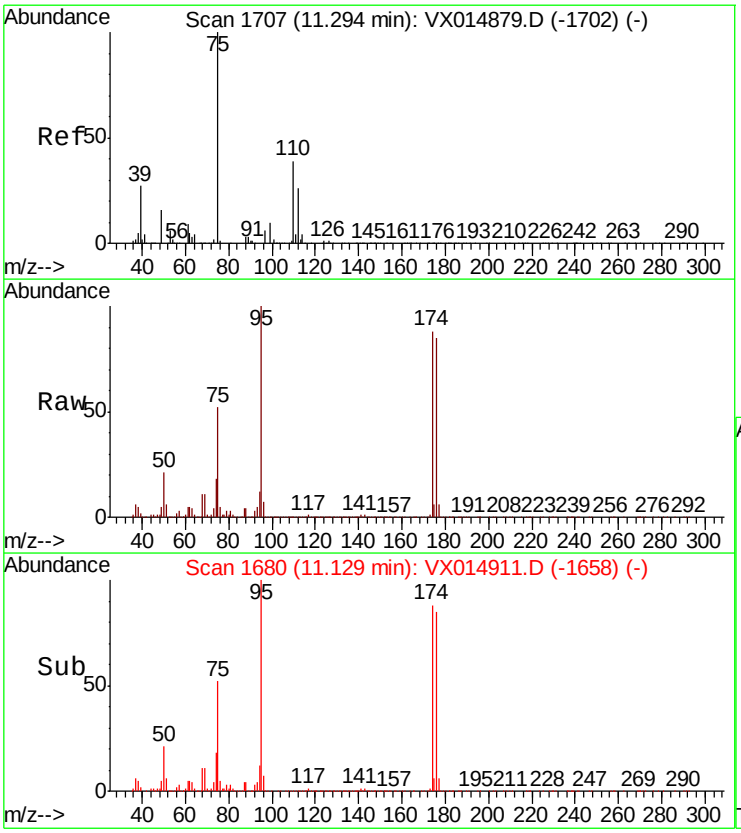
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 347619

Ion	Ratio	Lower	Upper
152	100		
115	53.9	38.6	116.0
150	154.6	0.0	349.0

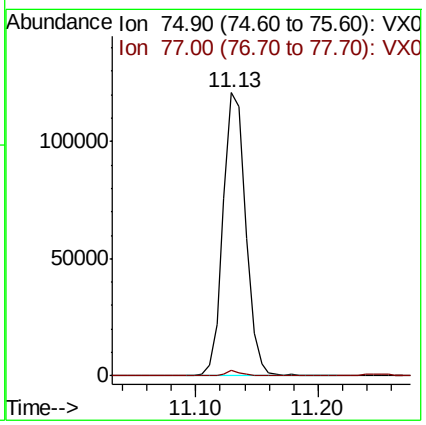


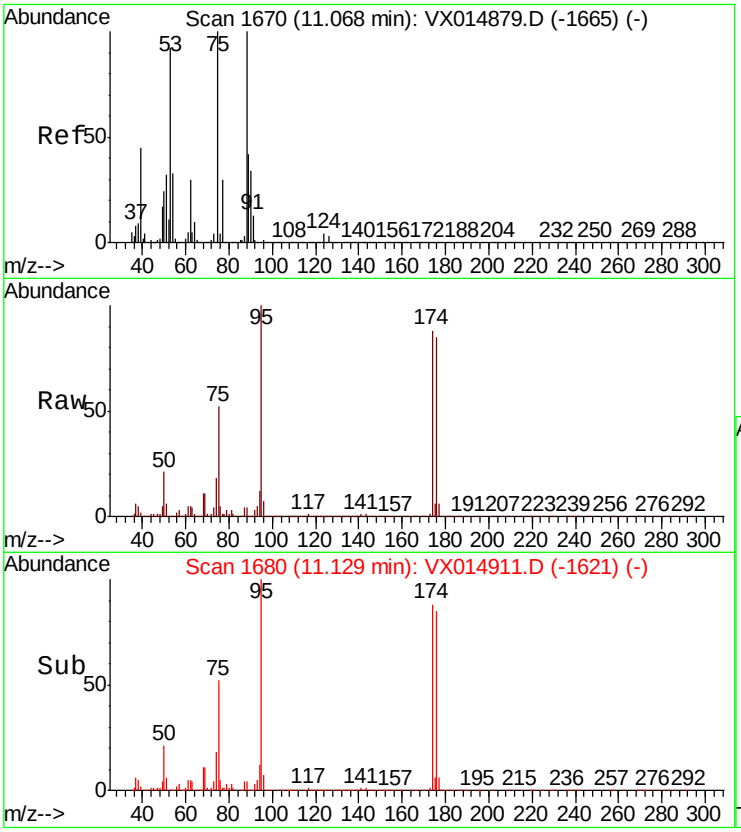


#76
1,2,3-Trichloropropane
Concen: 24.676 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Tgt Ion: 75 Resp: 155116

Ion	Ratio	Lower	Upper
75	100		
77	1.5	18.4	55.0#



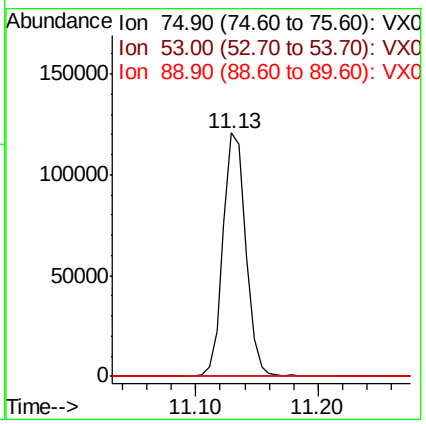


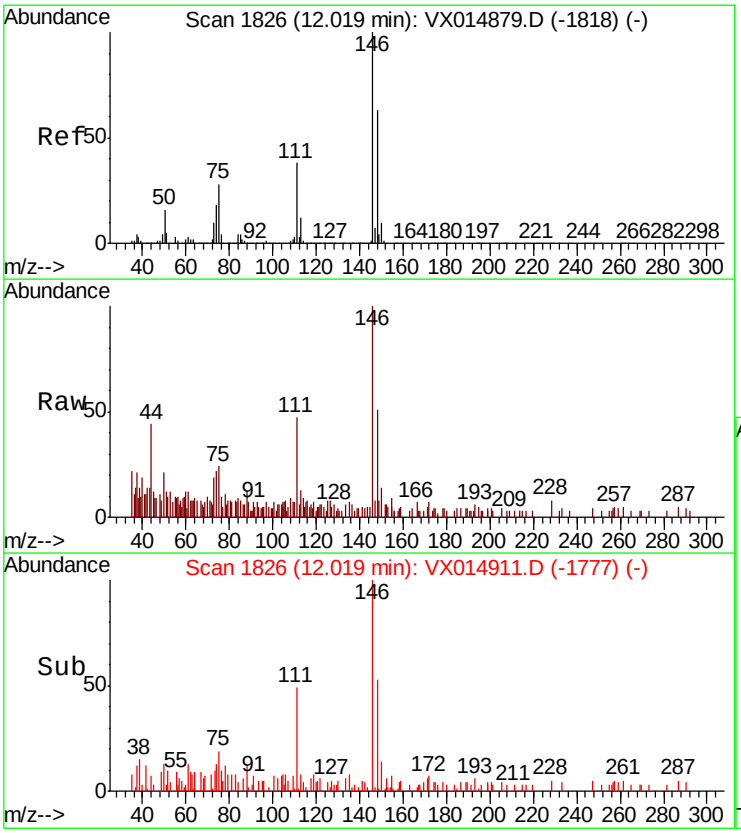
#81
trans-1,4-Dichloro-2-butene
Concen: 63.163 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 155116

Ion	Ratio	Lower	Upper
75	100		
53	0.2	76.2	114.2#
89	0.1	35.8	53.6#

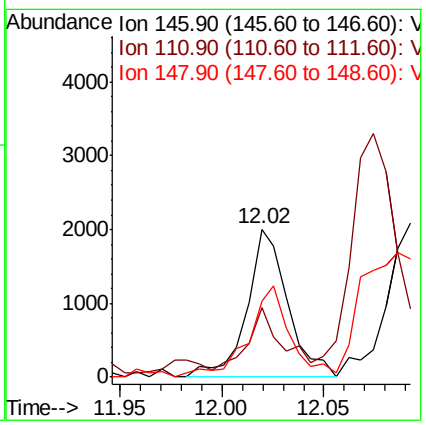


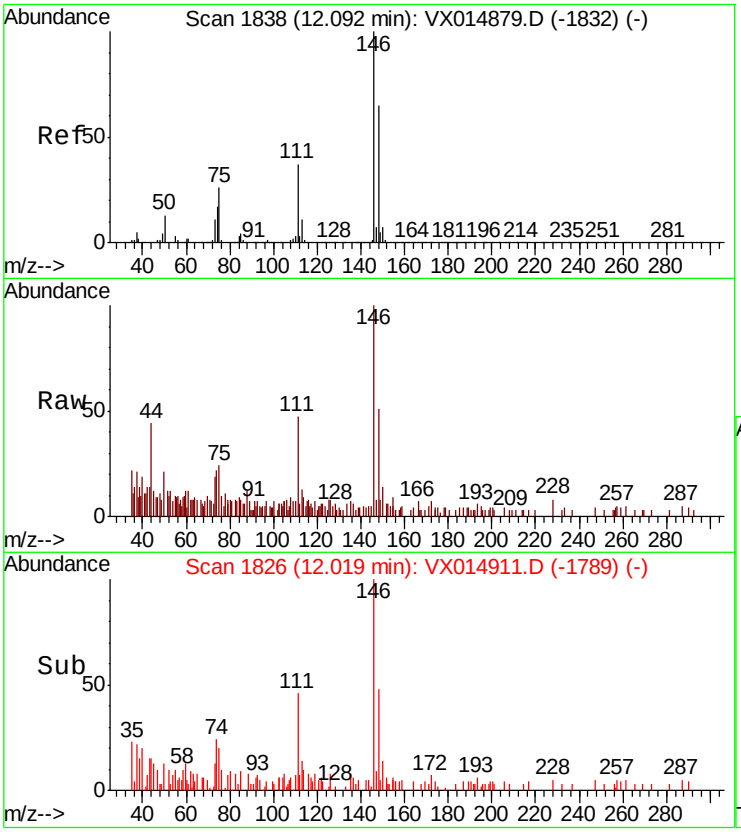


#87
1,3-Dichlorobenzene
Concen: 0.255 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Tgt Ion:146 Resp: 2780

Ion	Ratio	Lower	Upper
146	100		
111	34.5	18.6	56.0
148	63.8	31.8	95.4



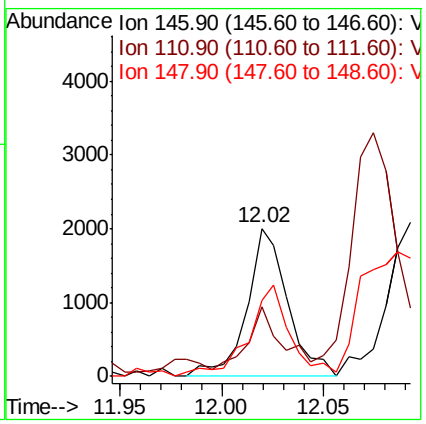


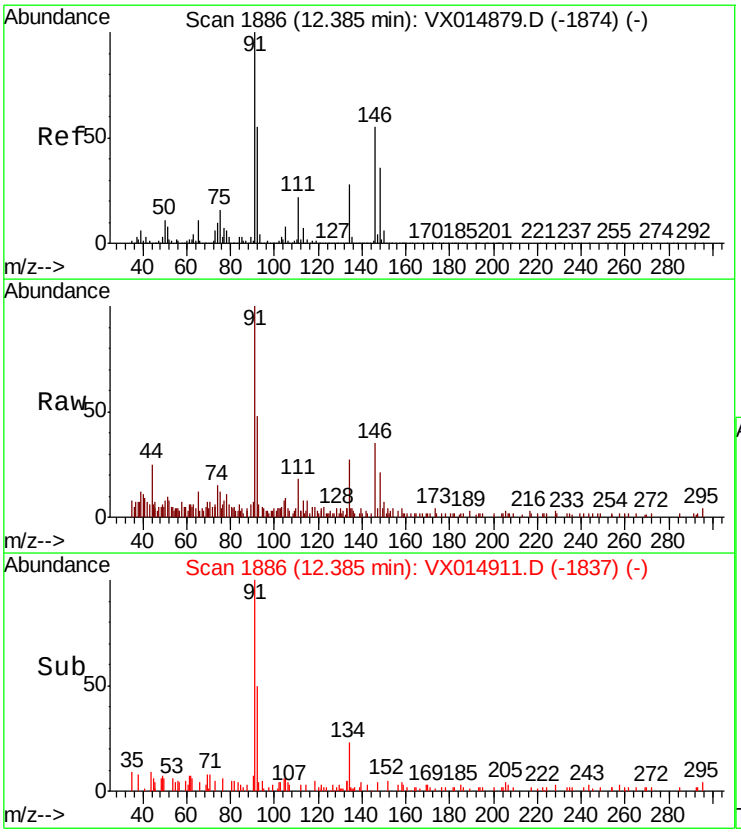
#88
1,4-Dichlorobenzene
Concen: 0.249 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.07 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 2780

Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	55.6
148	63.8	32.4	97.0

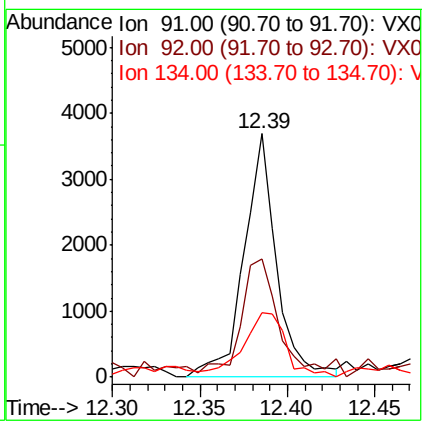


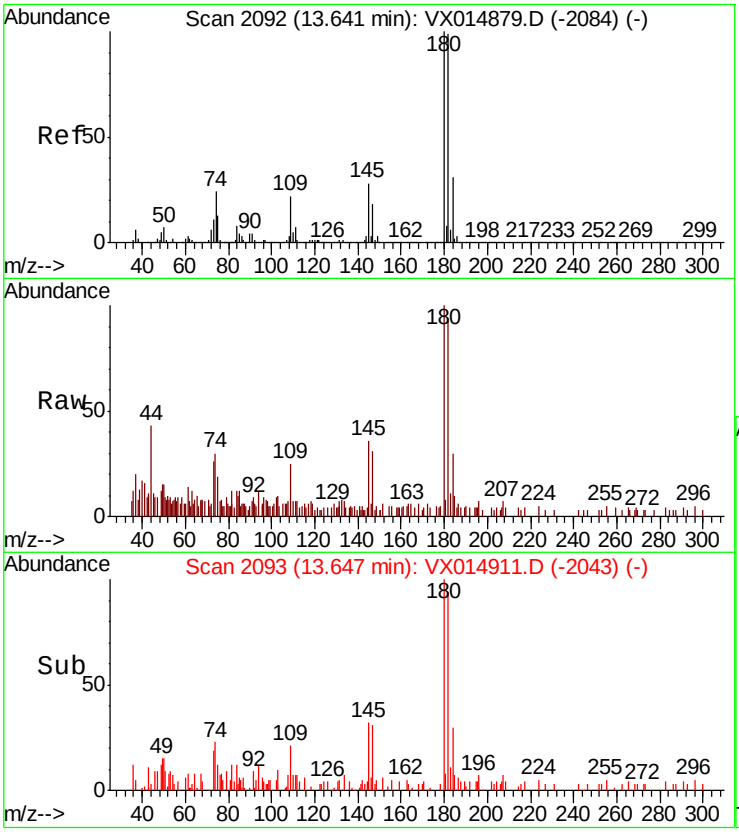


#89
n-Butylbenzene
Concen: 0.265 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Tgt Ion: 91 Resp: 4762

Ion	Ratio	Lower	Upper
91	100		
92	59.0	27.3	81.8
134	35.4	13.8	41.4



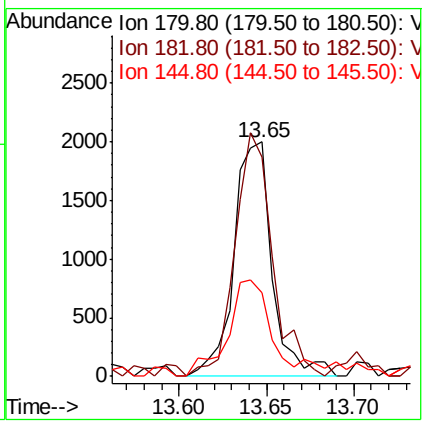


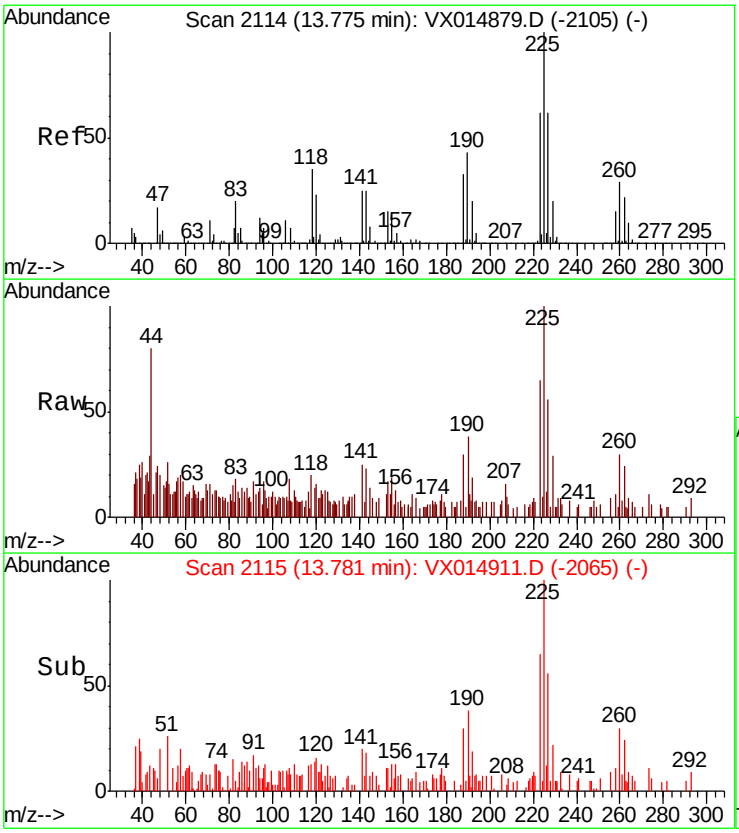
#93
1,2,4-Trichlorobenzene
Concen: 0.385 ug/l
RT: 13.65 min Scan# 2093
Delta R.T. 0.01 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 3041

Ion	Ratio	Lower	Upper
180	100		
182	101.7	48.4	145.3
145	44.5	14.1	42.4#

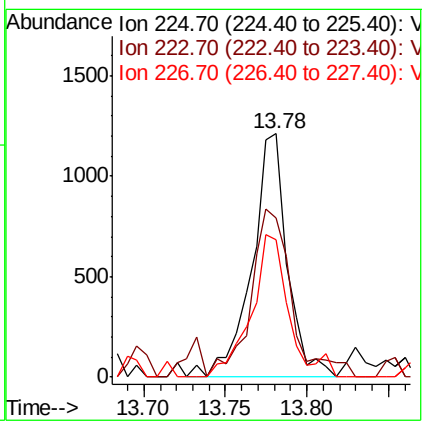


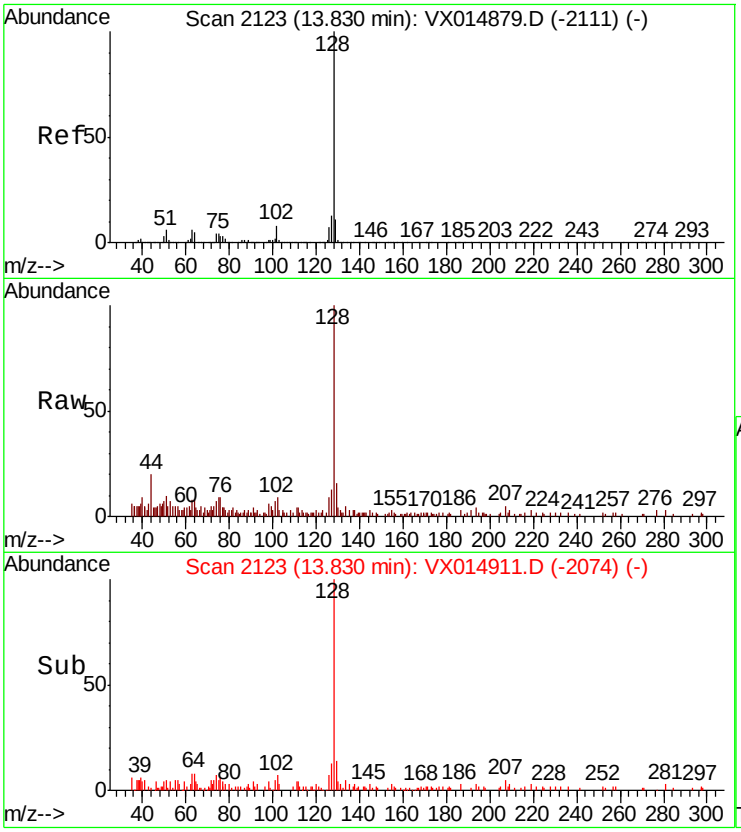


#94
Hexachlorobutadiene
Concen: 0.480 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Tgt Ion:225 Resp: 1833

Ion	Ratio	Lower	Upper
225	100		
223	76.2	31.1	93.2
227	61.8	30.9	92.5



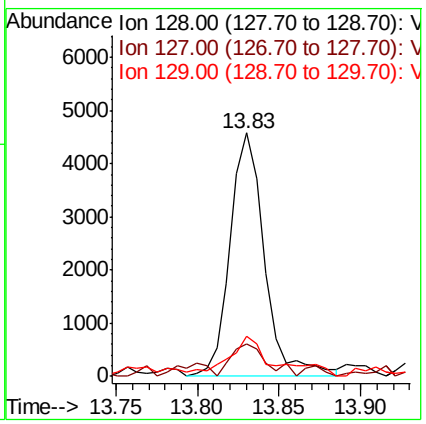


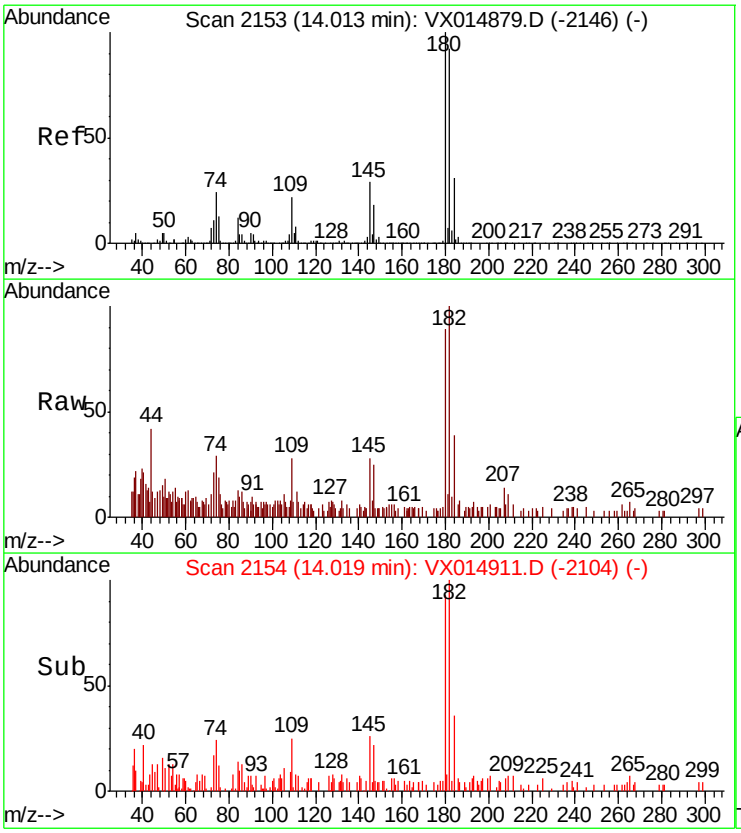
#95
Naphthalene
Concen: 0.322 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 6769

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.4	15.6
129	21.6	8.6	13.0#





#96
1,2,3-Trichlorobenzene
Concen: 0.362 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX014911.D
Acq: 11 Feb 2020 13:09

Tgt Ion:180 Resp: 2764

Ion	Ratio	Lower	Upper
180	100		
182	106.3	47.5	142.6
145	38.1	14.5	43.5