Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100719\
Data File : VX012857.D
Acq On : 07 Oct 2019 23:00
Operator : JC/SP
Sample : VX1007WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Oct 08 11:15:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	177900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	302333	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	256800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	97430	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	121402	46.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.72%			
35) Dibromofluoromethane	5.49	113	93205	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.54%			
50) Toluene-d8	8.71	98	369732	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.64%			
62) 4-Bromofluorobenzene	11.13	95	126279	46.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.64%			
Target Compounds						Qvalue
5) Bromomethane	1.65	94	730	0.813	ug/l #	68
10) Methyl Iodide	2.51	142	839	5.320	ug/l #	76
11) Tert butyl alcohol	3.01	59	3722	5.751	ug/l #	72
13) Acrolein	2.28	56	302	11.036	ug/l #	61
15) Acrylonitrile	3.14	53	475	0.362	ug/l	84
16) Acetone	2.44	43	802	0.584	ug/l #	84
17) Carbon Disulfide	2.56	76	2446	0.456	ug/l #	85
20) Methylene Chloride	2.84	84	911	0.393	ug/l #	80
31) Cyclohexane	5.64	56	3883	1.077	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	14611	5.014	ug/l #	52
38) Carbon Tetrachloride	5.65	117	18419	6.222	ug/l #	17
76) 1,2,3-Trichloropropane	11.13	75	63452	24.620	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	63452	70.555	ug/l #	8
82) 4-Chlorotoluene	11.51	91	1292	0.203	ug/l	89
87) 1,3-Dichlorobenzene	12.02	146	769	0.238	ug/l	93
88) 1,4-Dichlorobenzene	12.02	146	769	0.235	ug/l	93
89) n-Butylbenzene	12.39	91	1276	0.215	ug/l	82
93) 1,2,4-Trichlorobenzene	13.64	180	856	0.434	ug/l	78
94) Hexachlorobutadiene	13.78	225	300	0.353	ug/l	75
95) Naphthalene	13.84	128	2316	0.324	ug/l	96
96) 1,2,3-Trichlorobenzene	14.02	180	580	0.293	ug/l	82

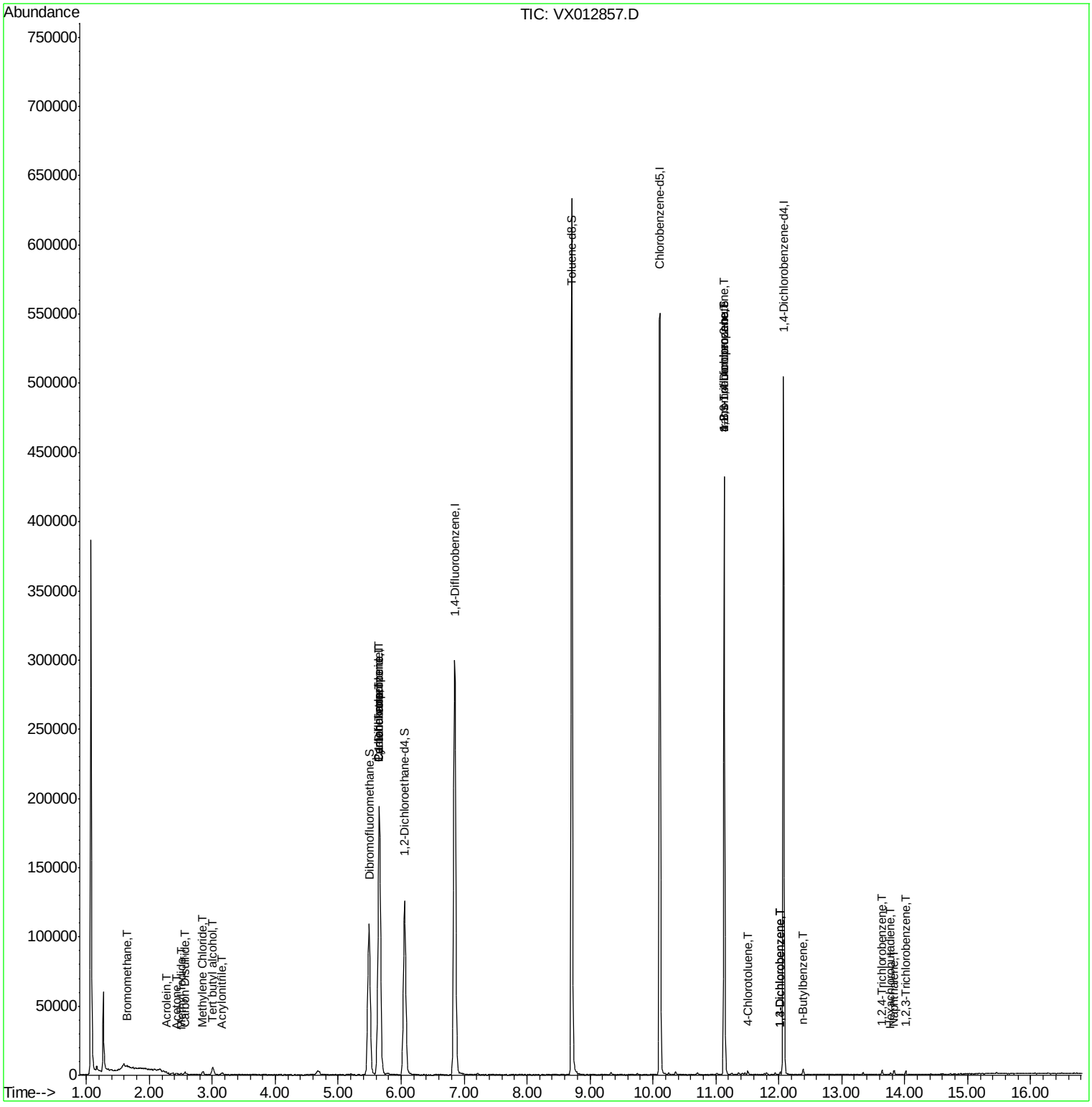
(#) = qualifier out of range (m) = manual integration (+) = signals summed

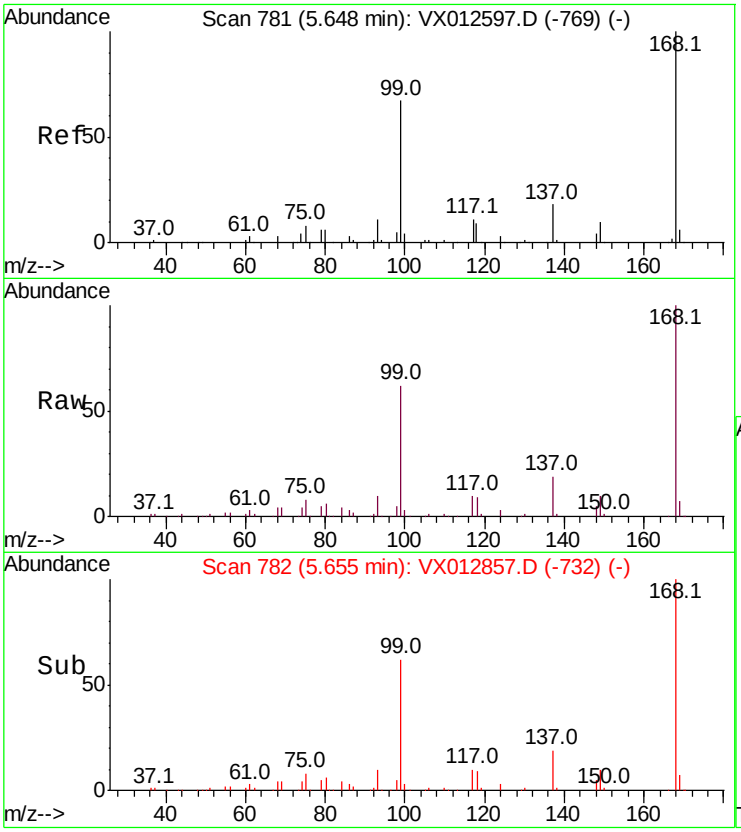
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100719\
Data File : VX012857.D
Acq On : 07 Oct 2019 23:00
Operator : JC/SP
Sample : VX1007WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 08 11:15:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration



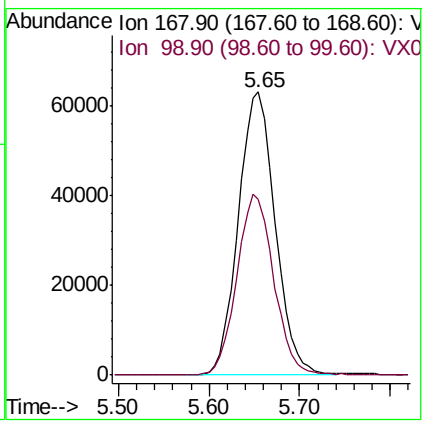


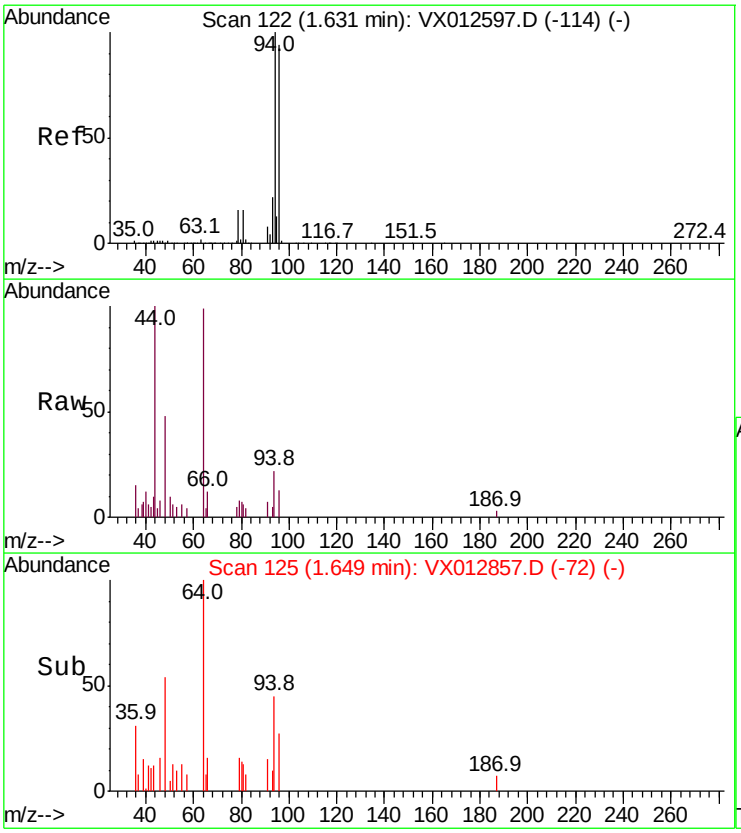
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012857.D
Acq: 07 Oct 2019 23:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 177900

Ion	Ratio	Lower	Upper
168	100		
99	62.3	51.4	77.2

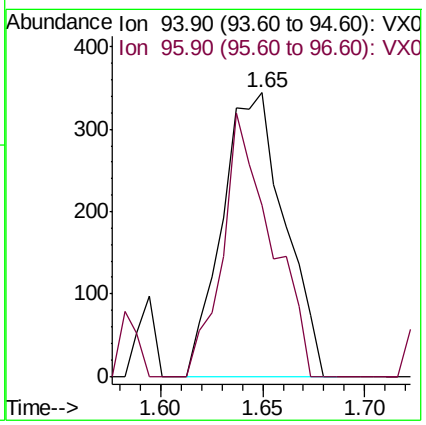


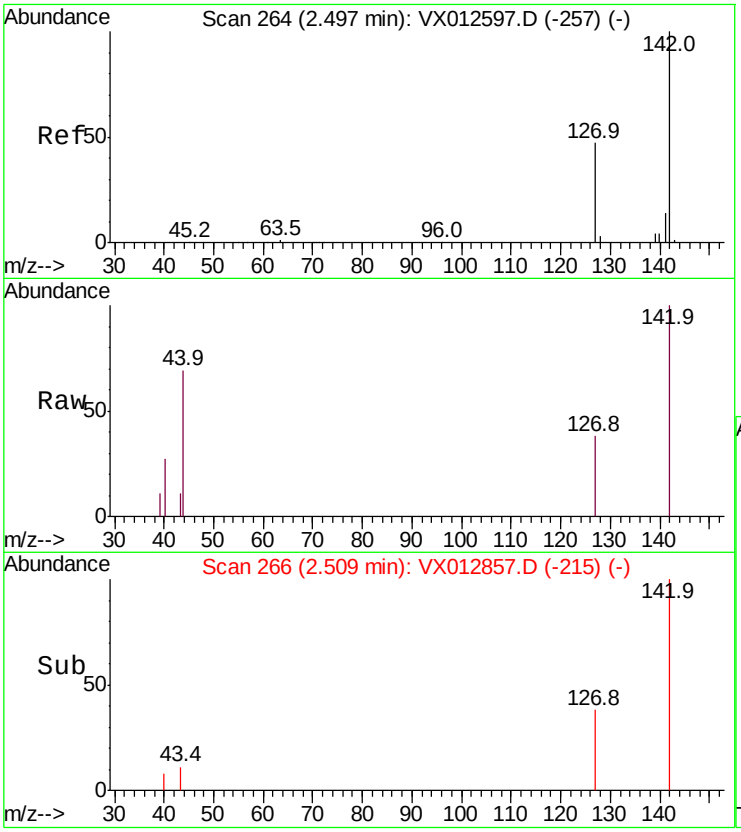


#5
Bromomethane
Concen: 0.813 ug/l
RT: 1.65 min Scan# 125
Delta R.T. 0.02 min
Lab File: VX012857.D
Acq: 07 Oct 2019 23:00

Tgt Ion: 94 Resp: 730

Ion	Ratio	Lower	Upper
94	100		
96	60.5	72.8	109.2#



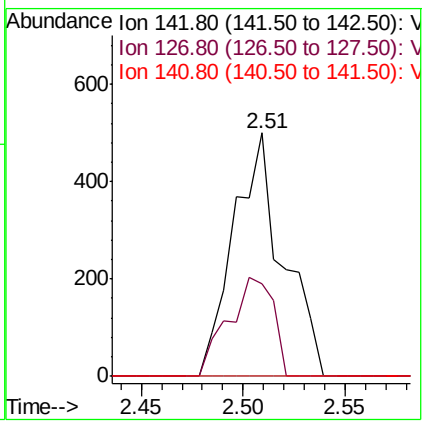


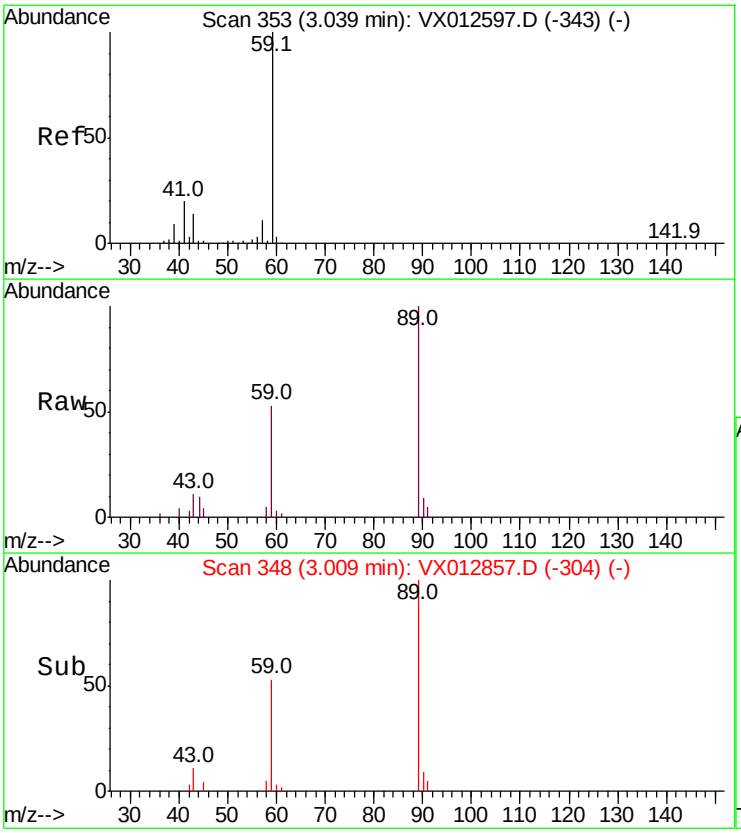
#10
Methyl Iodide
Concen: 5.320 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX012857.D
Acq: 07 Oct 2019 23:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 839

Ion	Ratio	Lower	Upper
142	100		
127	36.9	40.8	61.2#
141	0.0	12.1	18.1#

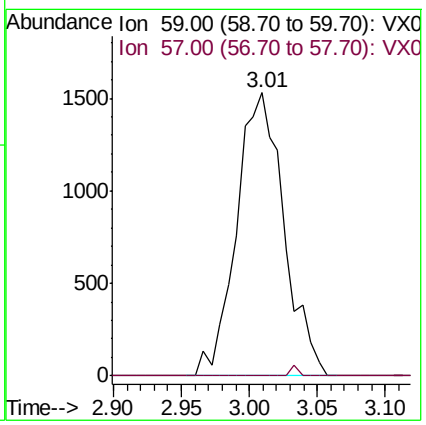


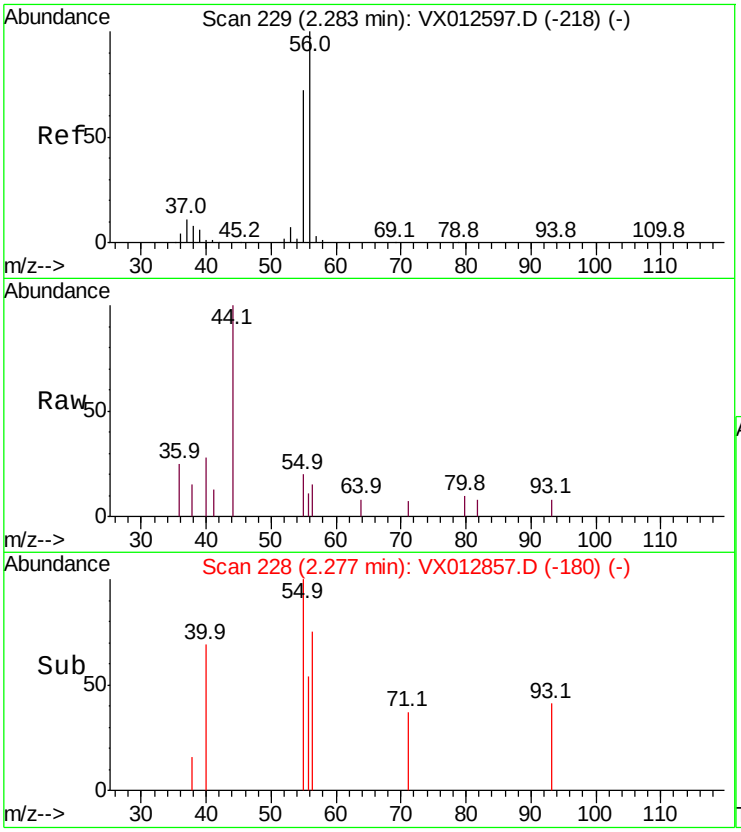


#11
Tert butyl alcohol
Concen: 5.751 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.03 min
Lab File: VX012857.D
Acq: 07 Oct 2019 23:00

Tgt Ion: 59 Resp: 3722

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



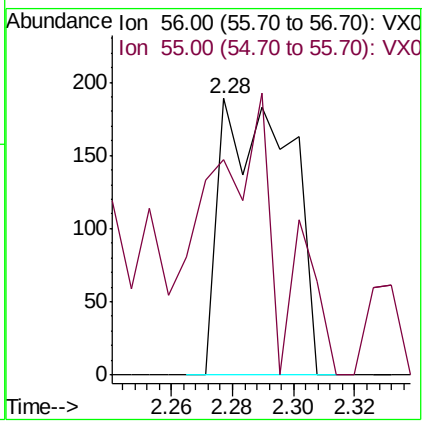


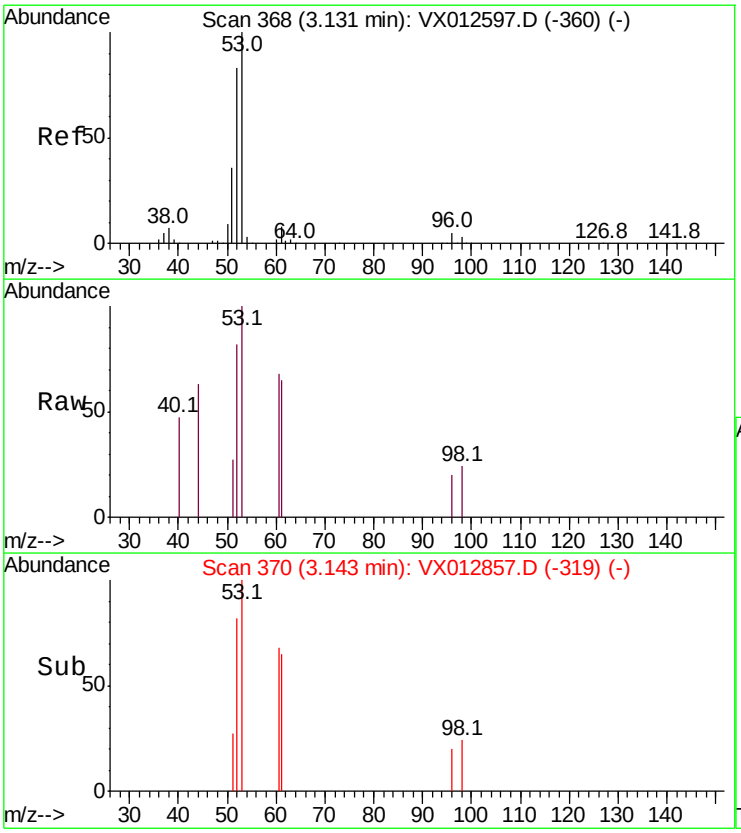
#13
Acrolein
Concen: 11.036 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.01 min
Lab File: VX012857.D
Acq: 07 Oct 2019 23:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 302

Ion	Ratio	Lower	Upper
56	100		
55	102.0	55.8	83.8#

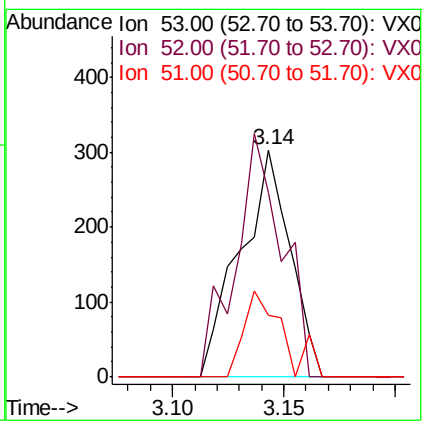


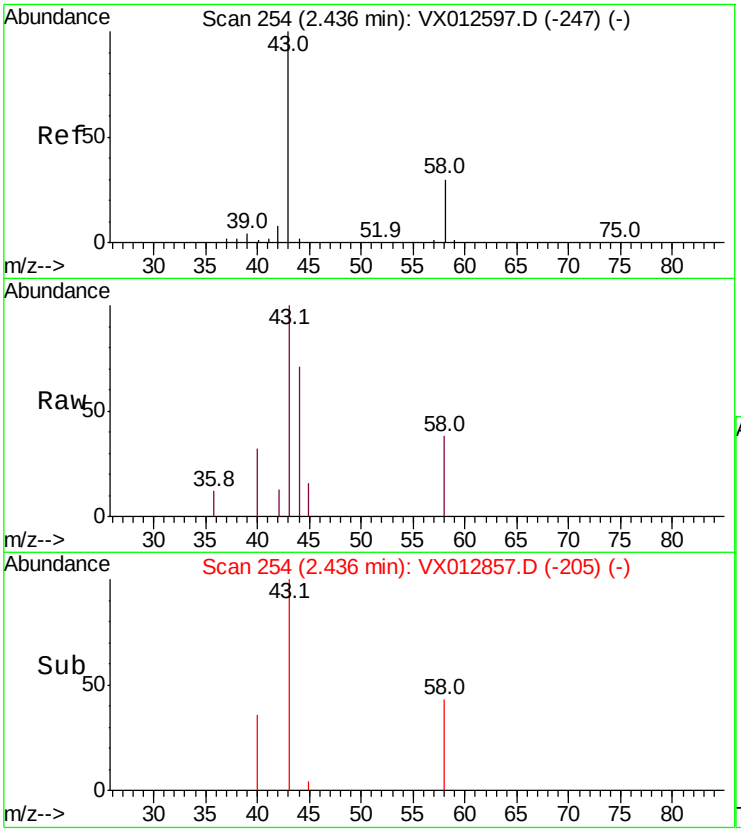


#15
Acrylonitrile
Concen: 0.362 ug/l
RT: 3.14 min Scan# 370
Delta R.T. 0.01 min
Lab File: VX012857.D
Acq: 07 Oct 2019 23:00

Tgt Ion: 53 Resp: 475

Ion	Ratio	Lower	Upper
53	100		
52	99.2	67.0	100.4
51	29.7	29.6	44.4



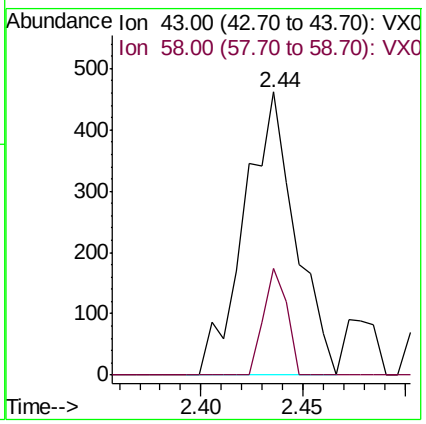


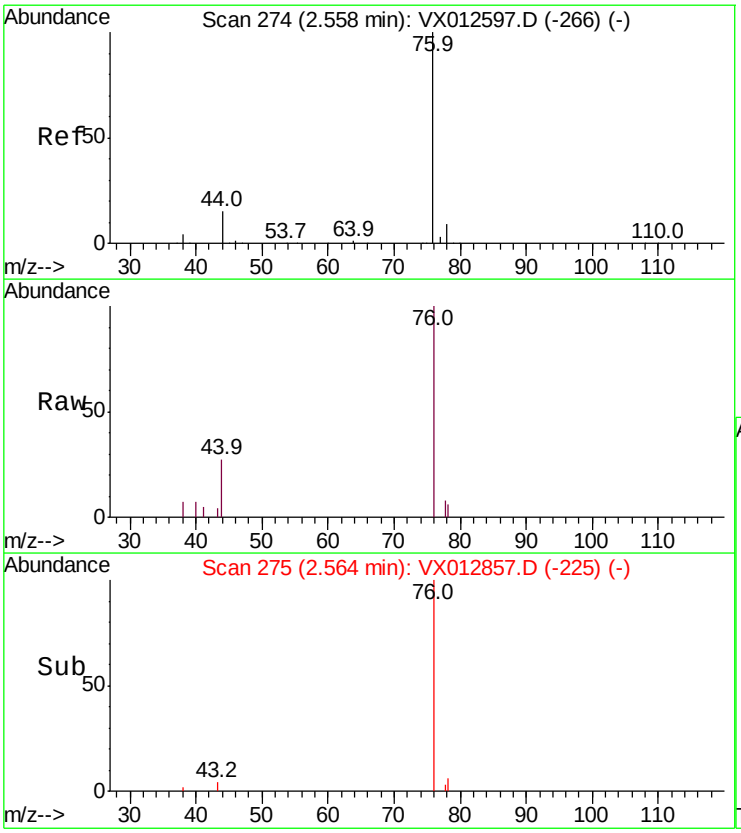
#16
Acetone
Concen: 0.584 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX012857.D
Acq: 07 Oct 2019 23:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 802

Ion	Ratio	Lower	Upper
43	100		
58	37.7	23.3	34.9#

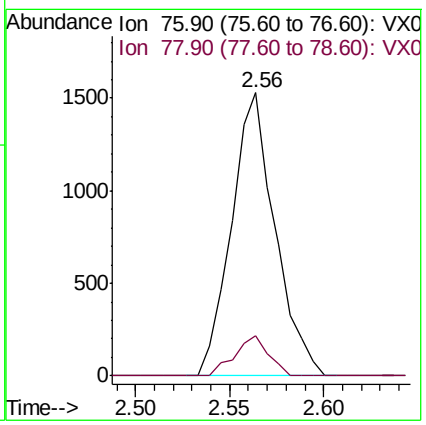


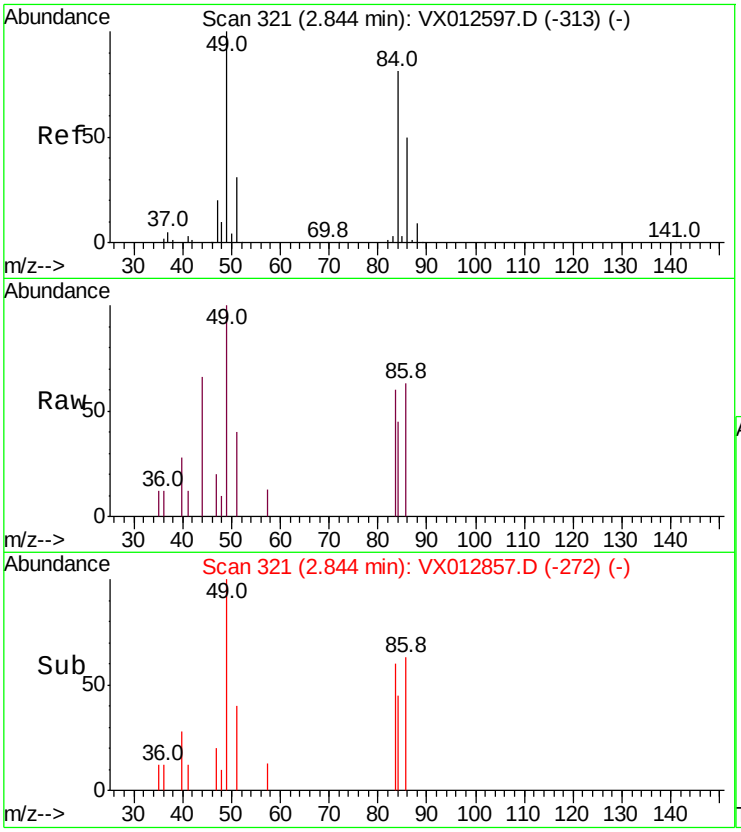


#17
Carbon Disulfide
Concen: 0.456 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX012857.D
Acq: 07 Oct 2019 23:00

Tgt Ion: 76 Resp: 2446

Ion	Ratio	Lower	Upper
76	100		
78	14.4	7.3	10.9#



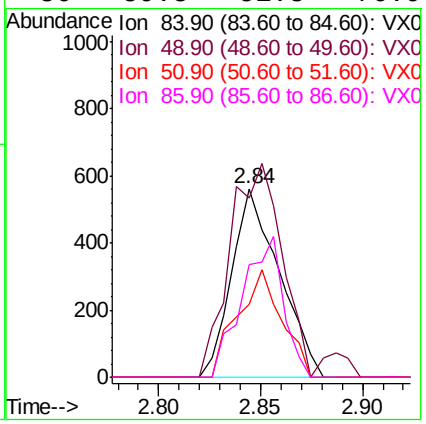


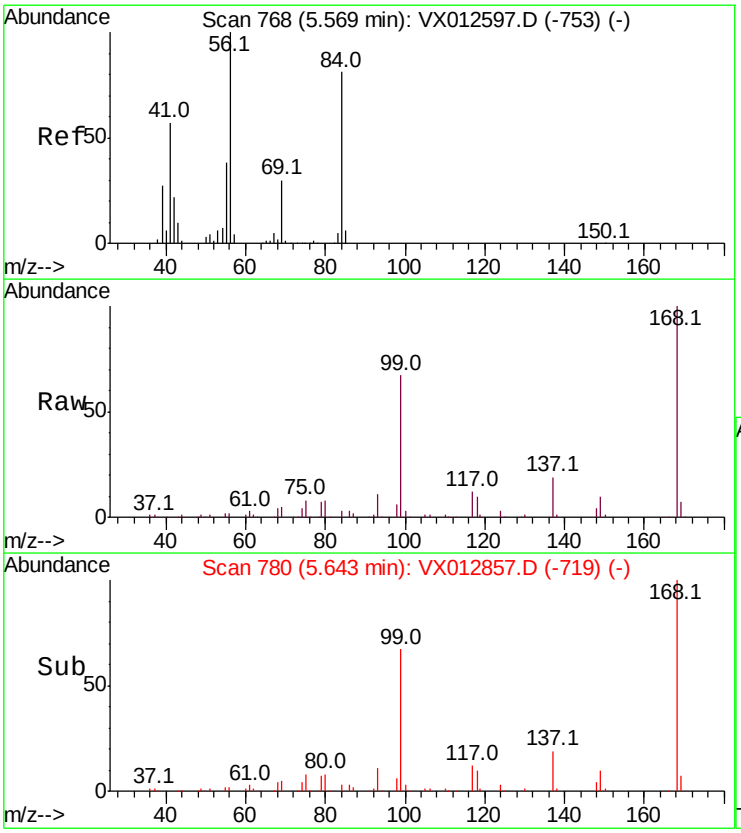
#20
Methylene Chloride
Concen: 0.393 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012857.D
Acq: 07 Oct 2019 23:00

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 911

Ion	Ratio	Lower	Upper
84	100		
49	95.4	106.8	160.2#
51	38.6	32.3	48.5
86	59.8	51.3	76.9

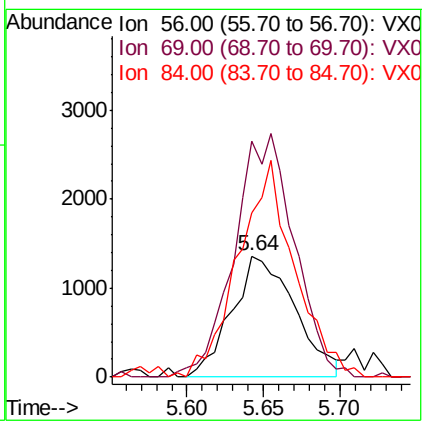


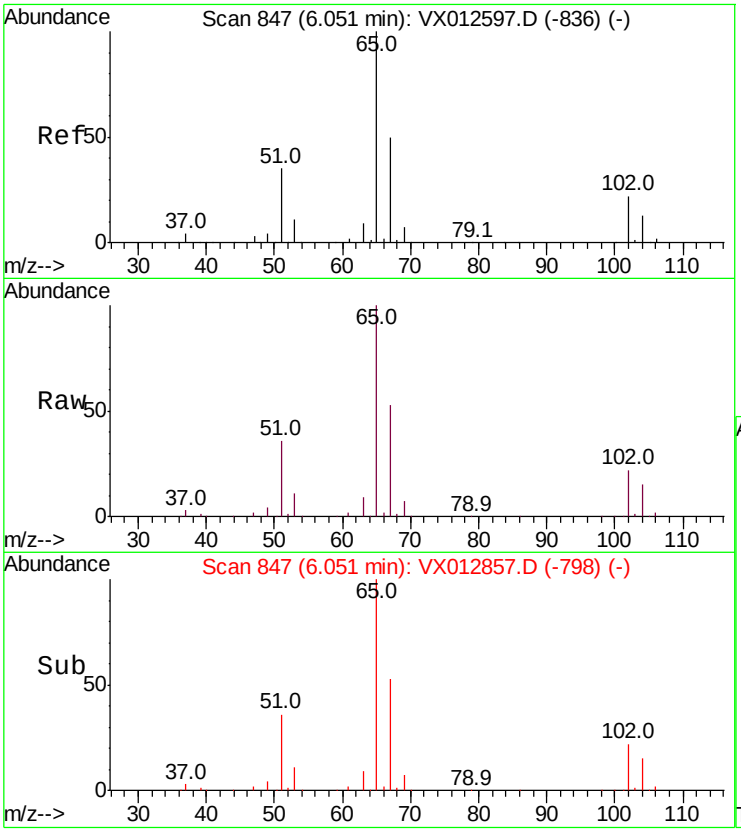


#31
Cyclohexane
Concen: 1.077 ug/l
RT: 5.64 min Scan# 780
Delta R.T. 0.07 min
Lab File: VX012857.D
Acq: 07 Oct 2019 23:00

Tgt Ion: 56 Resp: 3883

Ion	Ratio	Lower	Upper
56	100		
69	187.4	25.0	37.6#
84	135.5	66.4	99.6#



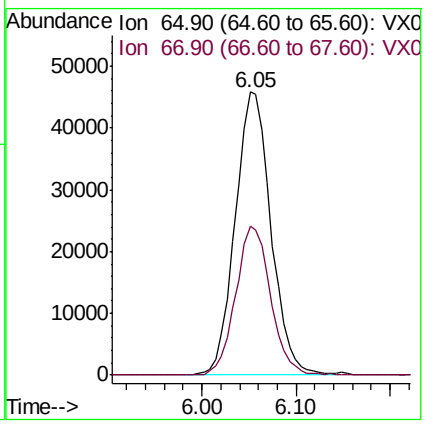


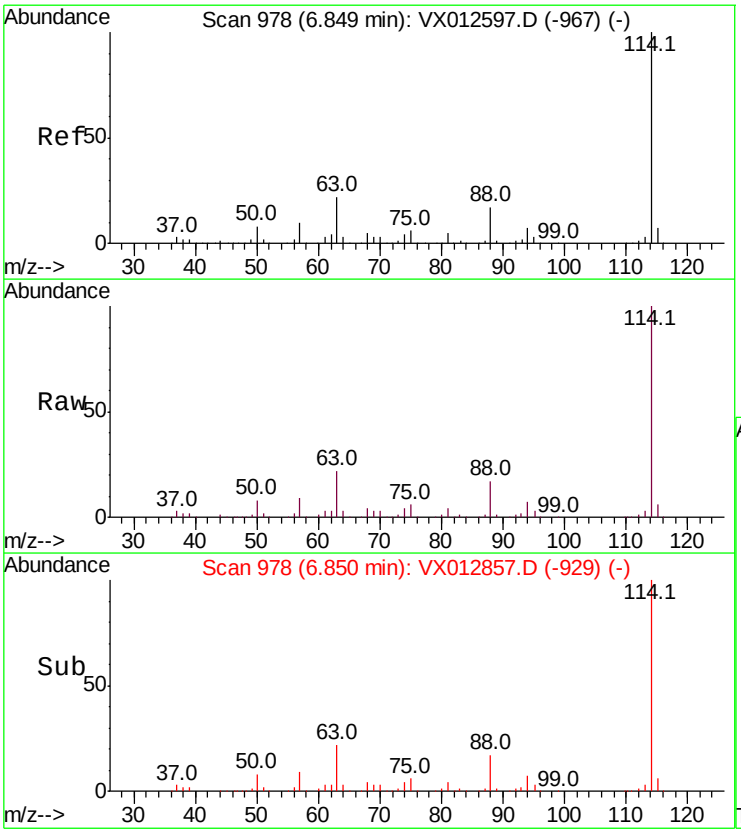
#33
1,2-Dichloroethane-d4
Concen: 46.863 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012857.D
Acq: 07 Oct 2019 23:00

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 121402

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	101.2

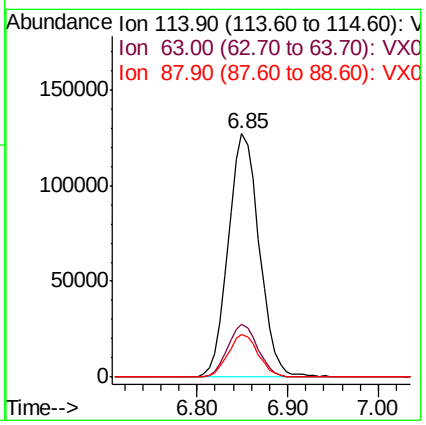


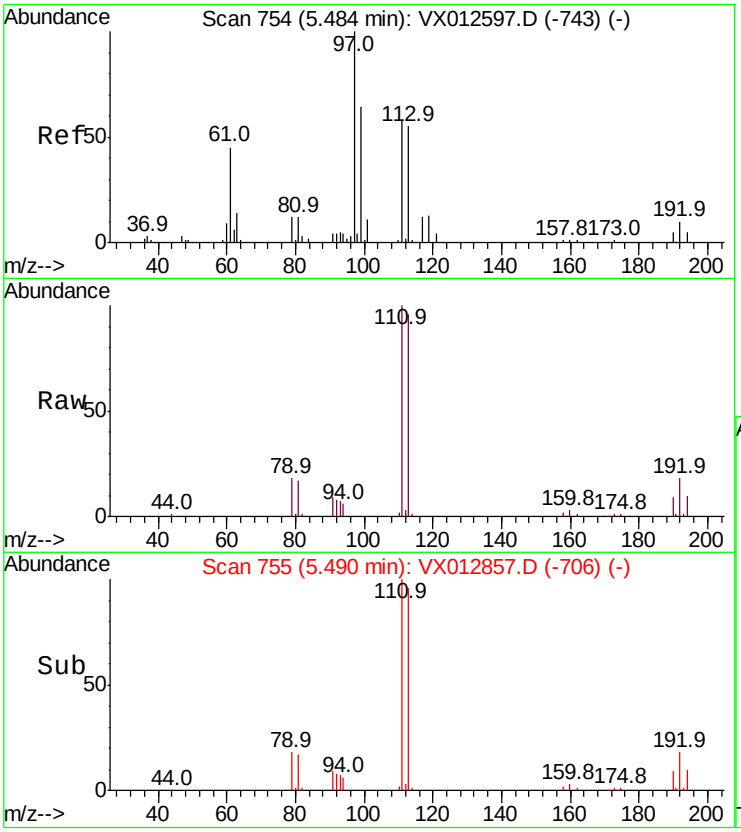


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012857.D
Acq: 07 Oct 2019 23:00

Tgt Ion:114 Resp: 302333

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.2
88	17.4	0.0	33.2



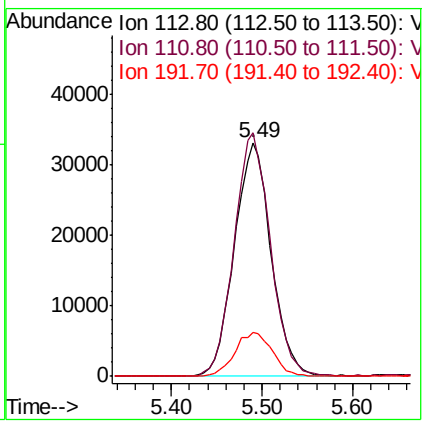


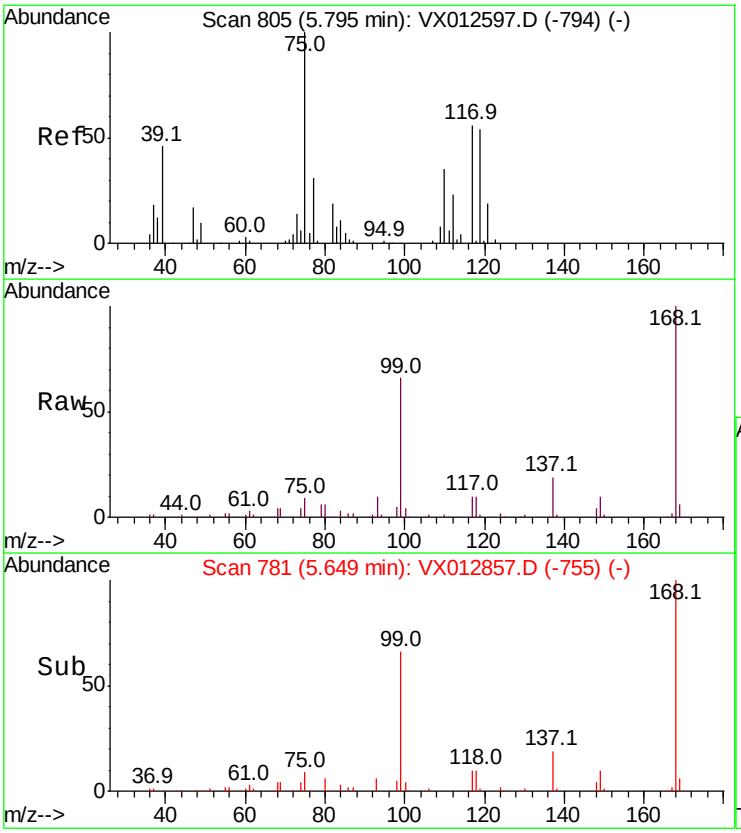
#35
Dibromofluoromethane
Concen: 51.766 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012857.D
Acq: 07 Oct 2019 23:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 93205

Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.4	125.2
192	19.1	14.4	21.6

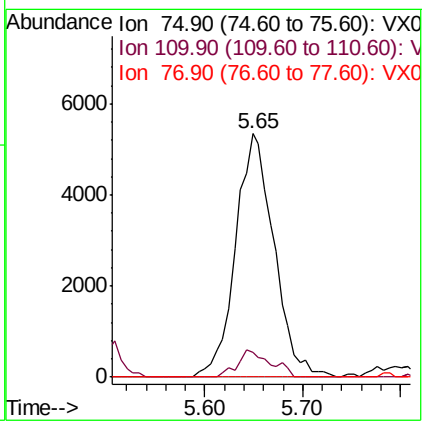


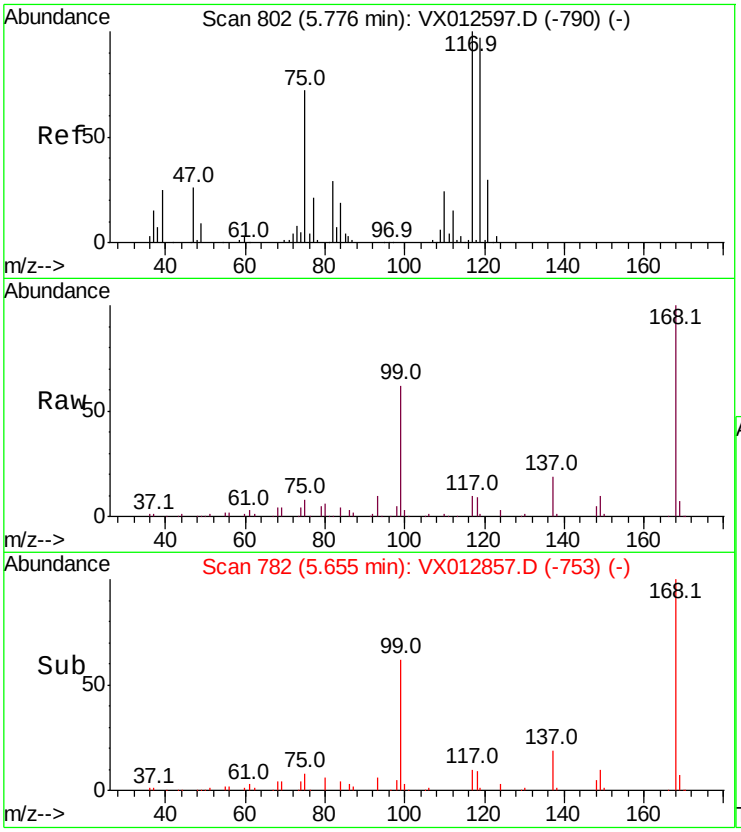


#36
1,1-Dichloropropene
Concen: 5.014 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012857.D
Acq: 07 Oct 2019 23:00

Tgt Ion: 75 Resp: 14611

Ion	Ratio	Lower	Upper
75	100		
110	9.6	16.7	50.0#
77	0.0	24.2	36.2#



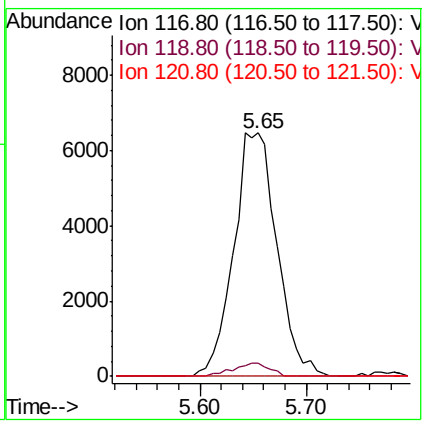


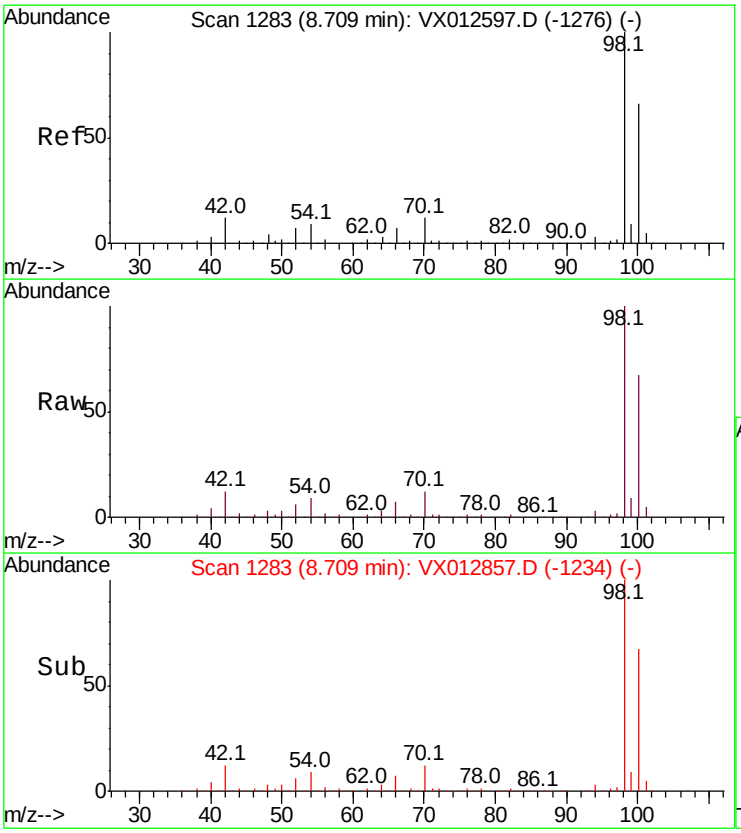
#38
Carbon Tetrachloride
Concen: 6.222 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX012857.D
Acq: 07 Oct 2019 23:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 18419

Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.7	113.5#
121	0.0	24.2	36.4#

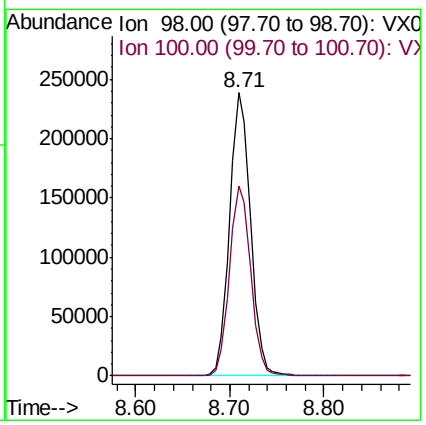


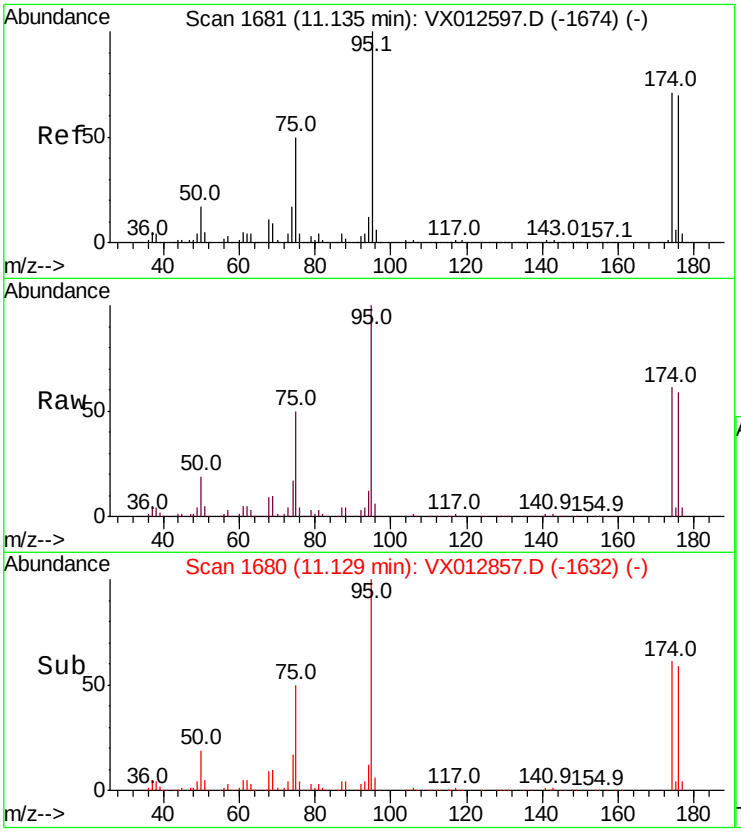


#50
Toluene-d8
Concen: 53.322 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012857.D
Acq: 07 Oct 2019 23:00

Tgt Ion: 98 Resp: 369732

Ion	Ratio	Lower	Upper
98	100		
100	68.1	53.4	80.2



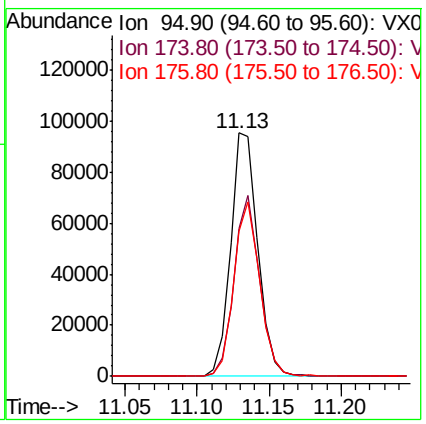


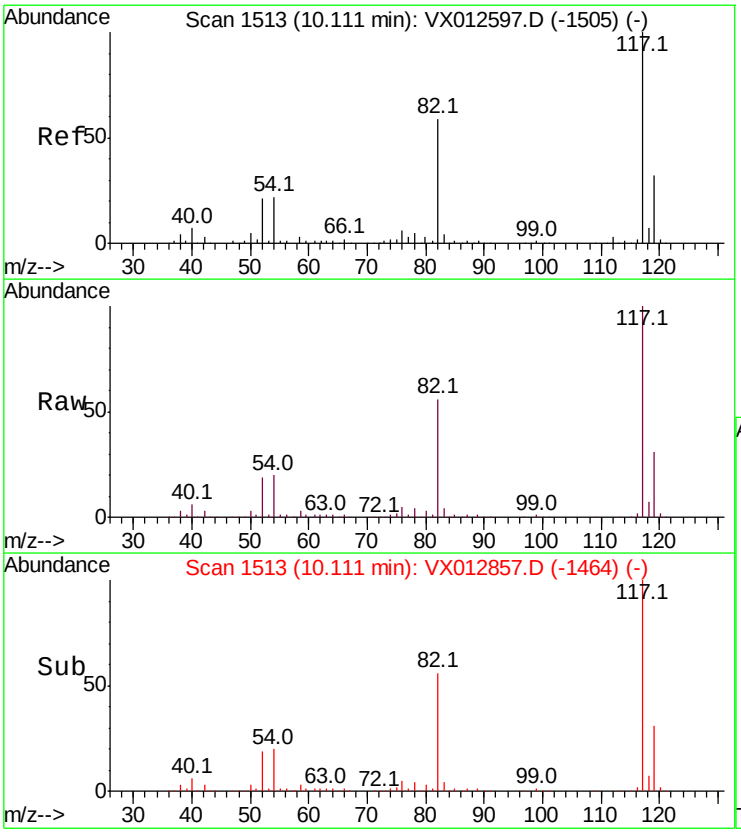
#62
4-Bromofluorobenzene
Concen: 46.316 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012857.D
Acq: 07 Oct 2019 23:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 126279

Ion	Ratio	Lower	Upper
95	100		
174	69.6	0.0	140.0
176	68.2	0.0	135.4

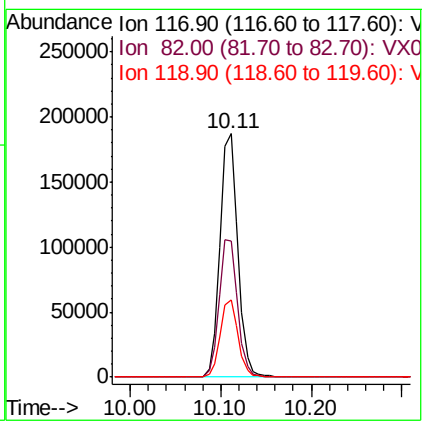


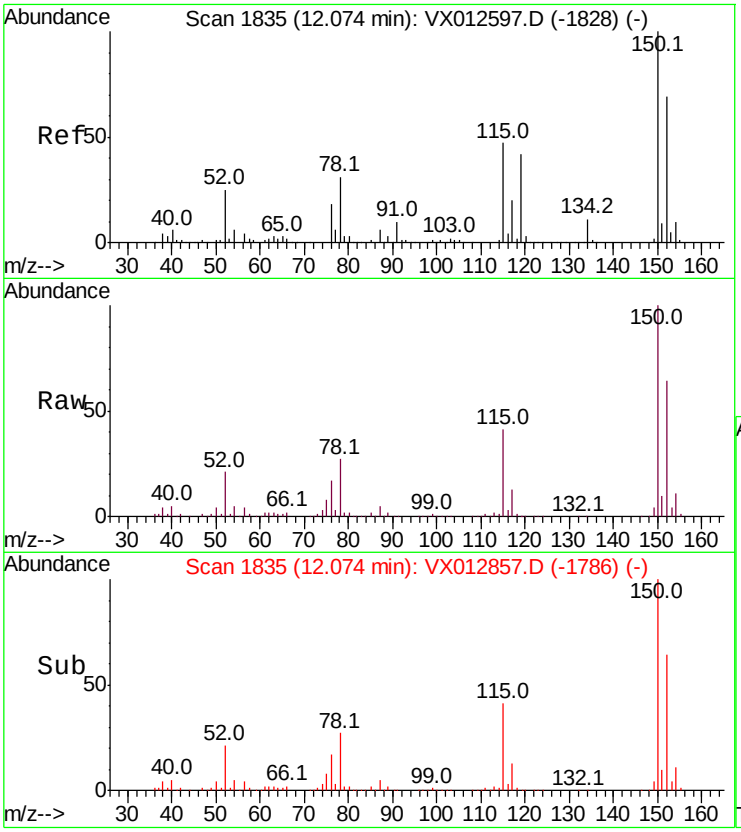


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012857.D
Acq: 07 Oct 2019 23:00

Tgt Ion:117 Resp: 256800

Ion	Ratio	Lower	Upper
117	100		
82	55.7	45.9	68.9
119	31.5	25.3	37.9



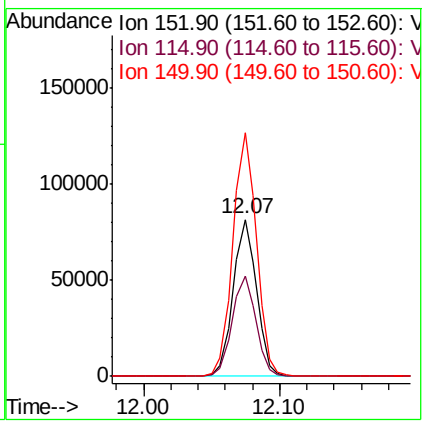


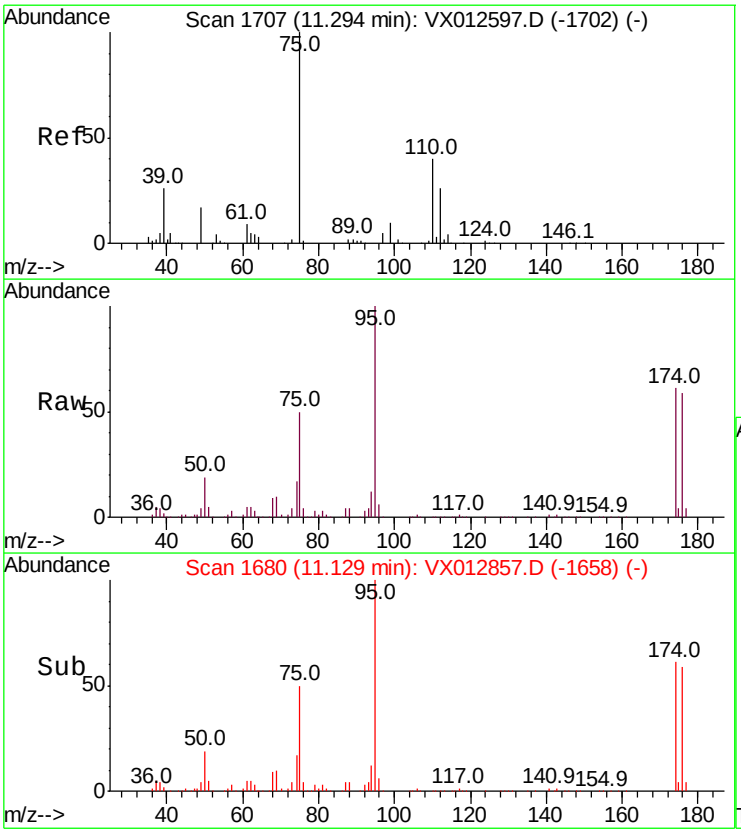
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012857.D
Acq: 07 Oct 2019 23:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 97430

Ion	Ratio	Lower	Upper
152	100		
115	64.9	44.1	132.3
150	157.1	0.0	343.8

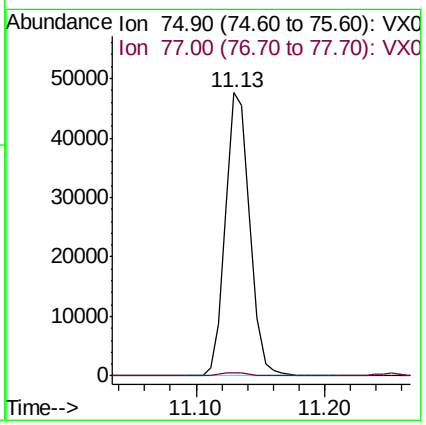


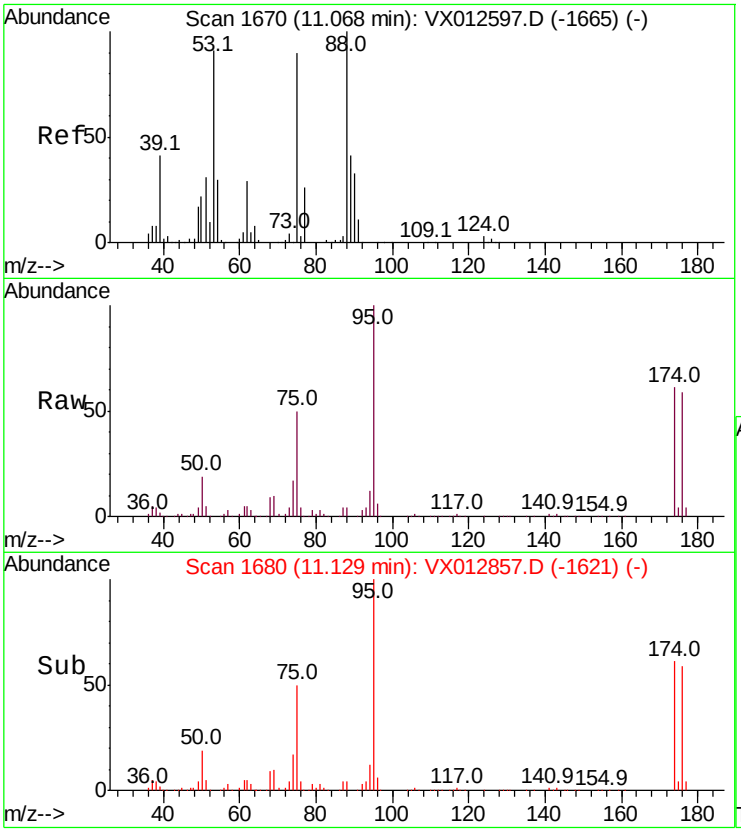


#76
1,2,3-Trichloropropane
Concen: 24.620 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX012857.D
Acq: 07 Oct 2019 23:00

Tgt Ion: 75 Resp: 63452

Ion	Ratio	Lower	Upper
75	100		
77	1.1	19.7	59.0#



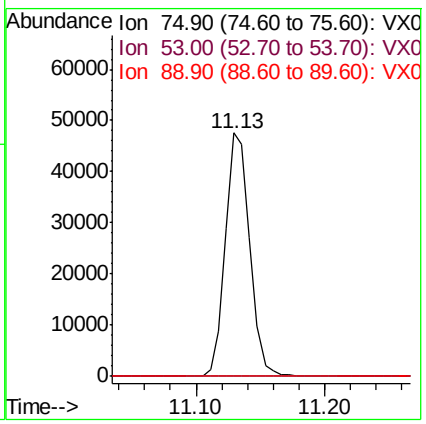


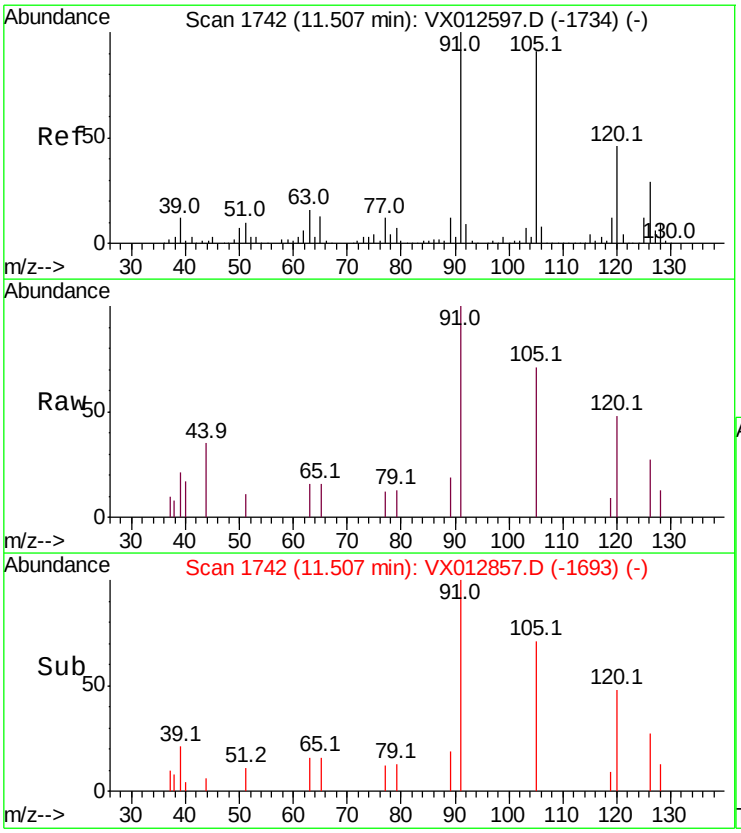
#81
trans-1,4-Dichloro-2-butene
Concen: 70.555 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX012857.D
Acq: 07 Oct 2019 23:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 63452

Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.6	125.4#
89	0.0	36.3	54.5#

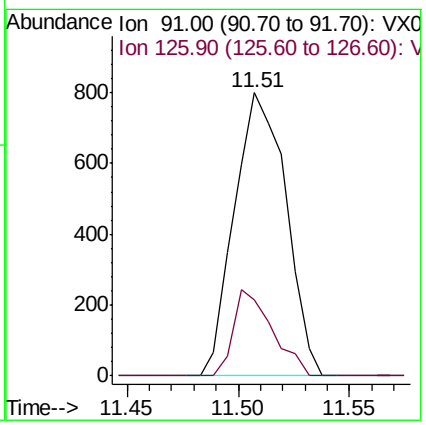


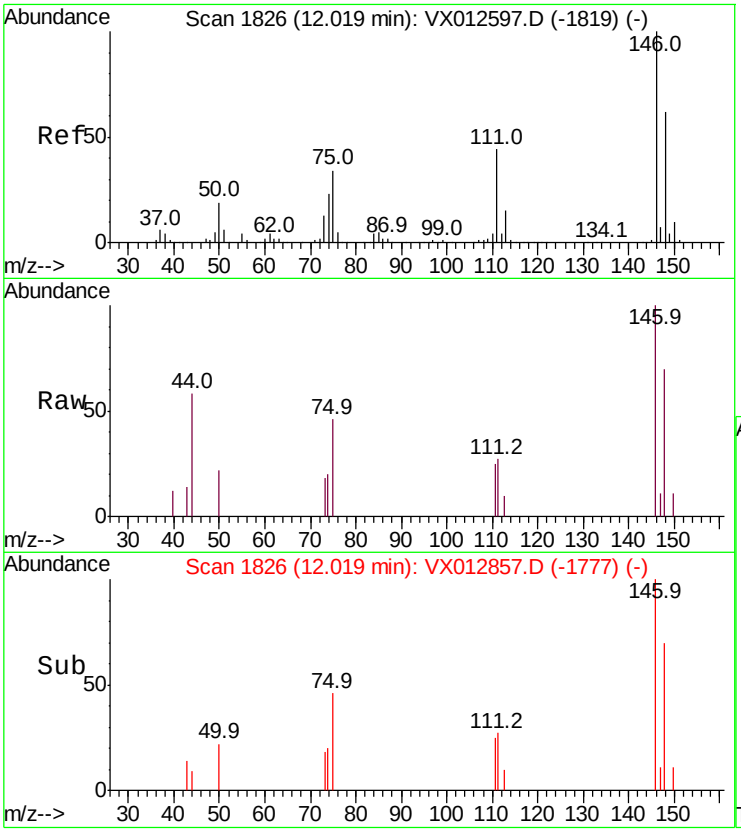


#82
4-Chlorotoluene
Concen: 0.203 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012857.D
Acq: 07 Oct 2019 23:00

Tgt Ion: 91 Resp: 1292

Ion	Ratio	Lower	Upper
91	100		
126	22.9	14.4	43.0



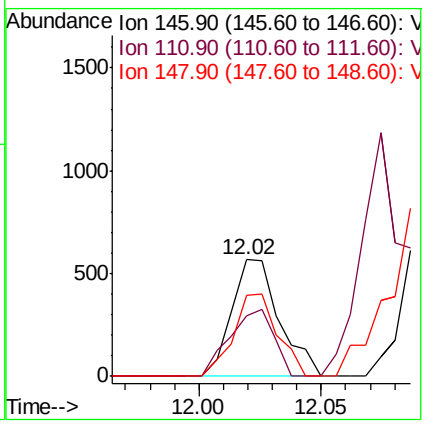


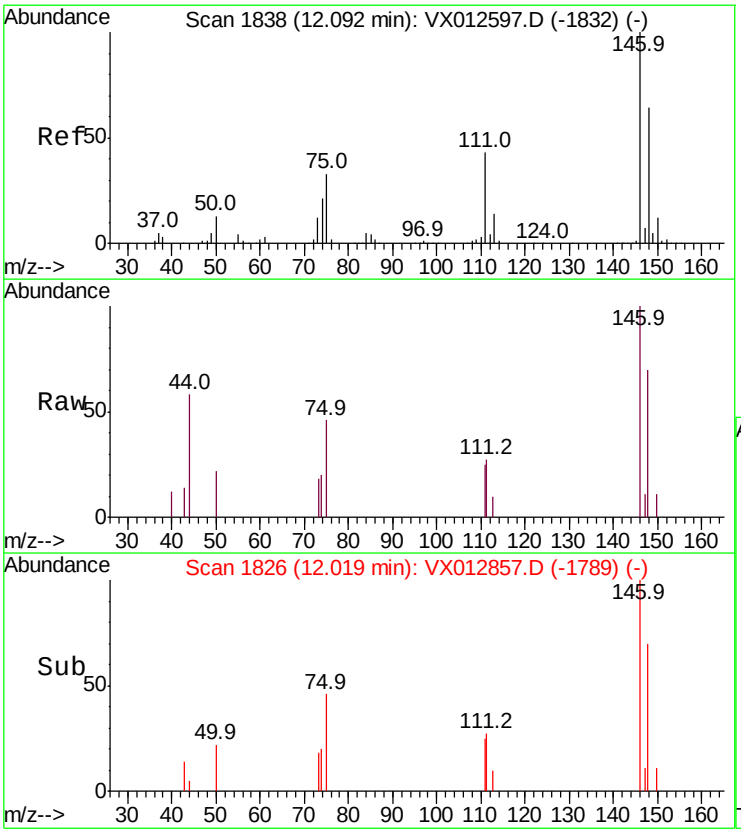
#87
1,3-Dichlorobenzene
Concen: 0.238 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX012857.D
Acq: 07 Oct 2019 23:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 769

Ion	Ratio	Lower	Upper
146	100		
111	53.1	21.3	64.0
148	65.1	32.4	97.2

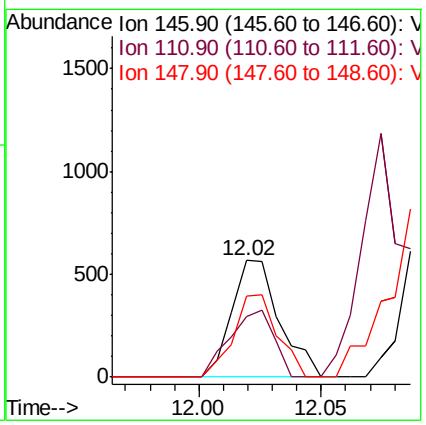


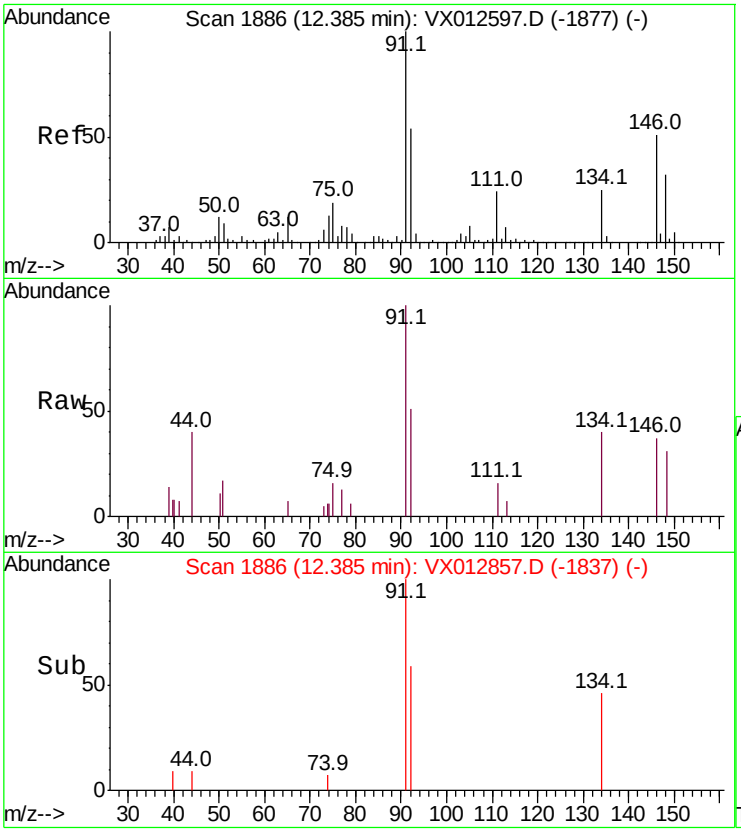


#88
1,4-Dichlorobenzene
Concen: 0.235 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.07 min
Lab File: VX012857.D
Acq: 07 Oct 2019 23:00

Tgt Ion:146 Resp: 769

Ion	Ratio	Lower	Upper
146	100		
111	53.1	21.1	63.3
148	65.1	32.1	96.5



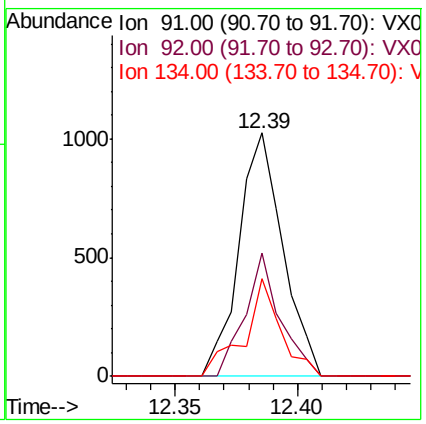


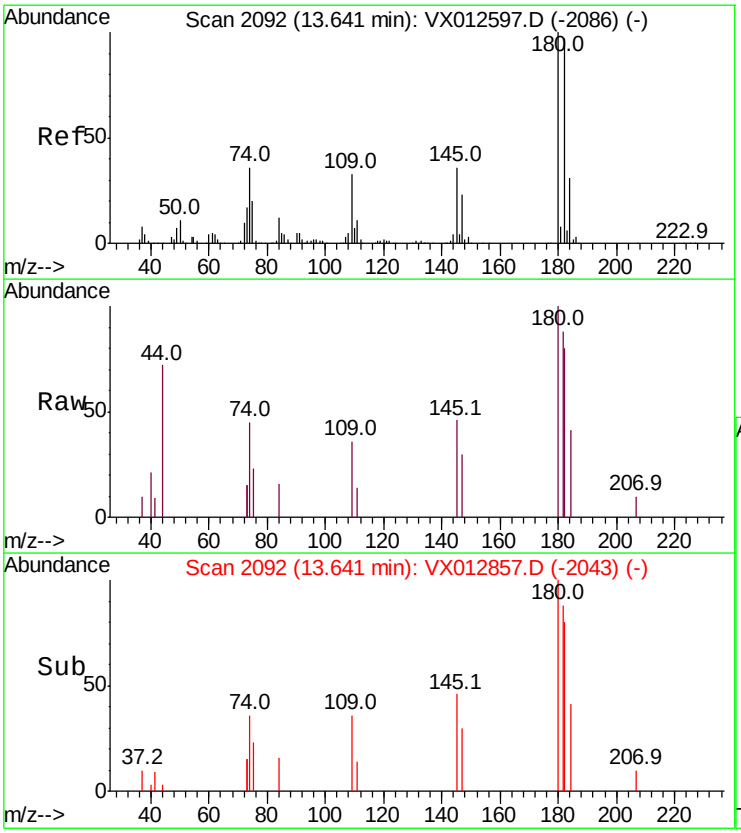
#89
n-Butylbenzene
Concen: 0.215 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012857.D
Acq: 07 Oct 2019 23:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 1276

Ion	Ratio	Lower	Upper
91	100		
92	40.8	27.7	83.0
134	33.3	12.9	38.6

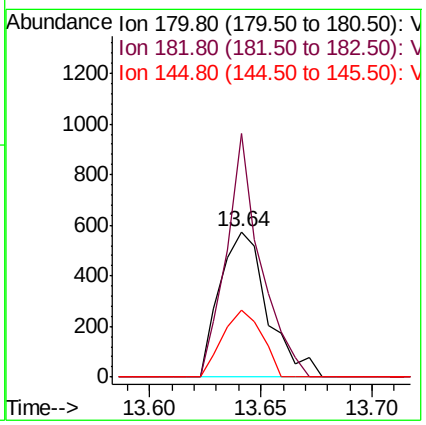


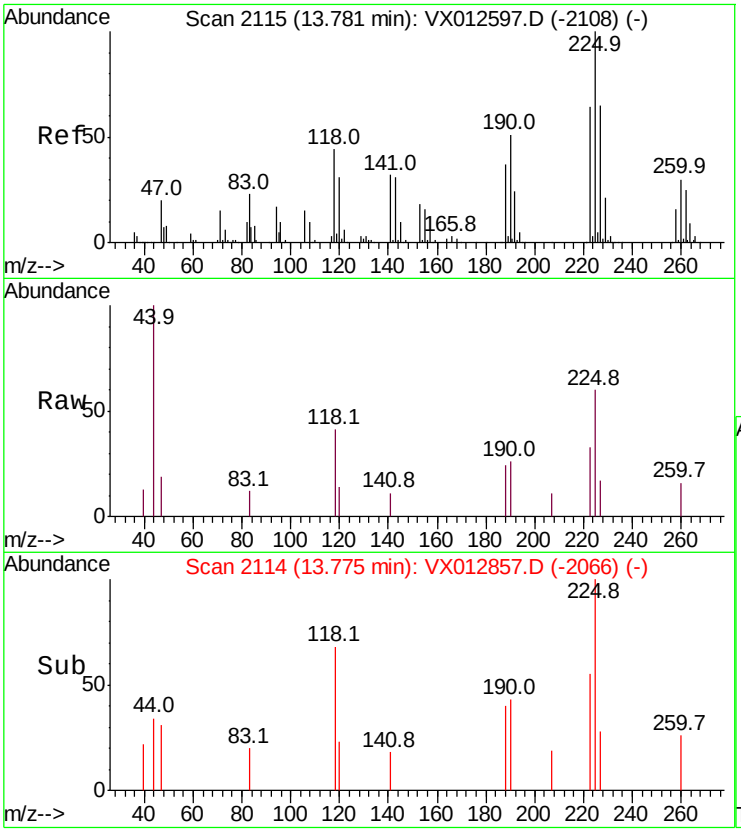


#93
1,2,4-Trichlorobenzene
Concen: 0.434 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX012857.D
Acq: 07 Oct 2019 23:00

Tgt Ion:180 Resp: 856

Ion	Ratio	Lower	Upper
180	100		
182	120.1	47.0	141.0
145	38.0	16.8	50.4



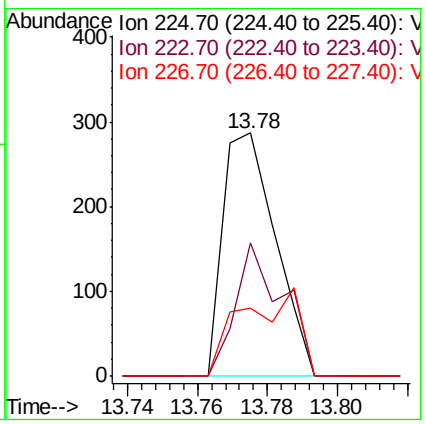


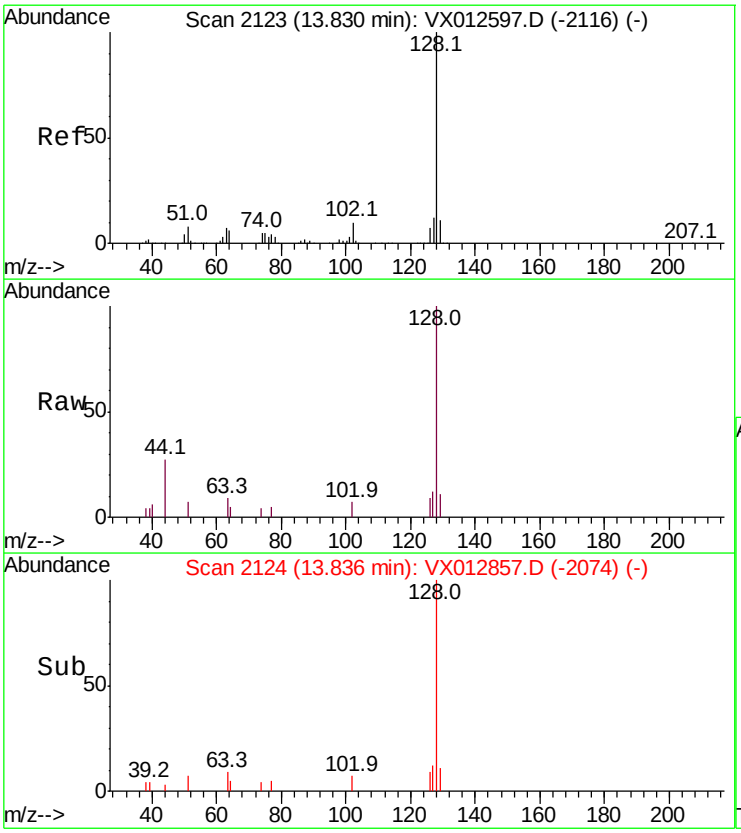
#94
Hexachlorobutadiene
Concen: 0.353 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.01 min
Lab File: VX012857.D
Acq: 07 Oct 2019 23:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:225 Resp: 300

Ion	Ratio	Lower	Upper
225	100		
223	49.0	32.0	96.2
227	39.3	31.9	95.5

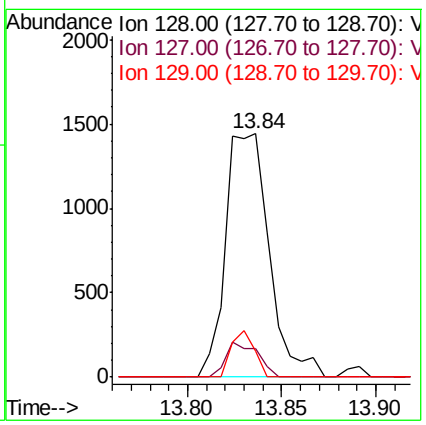


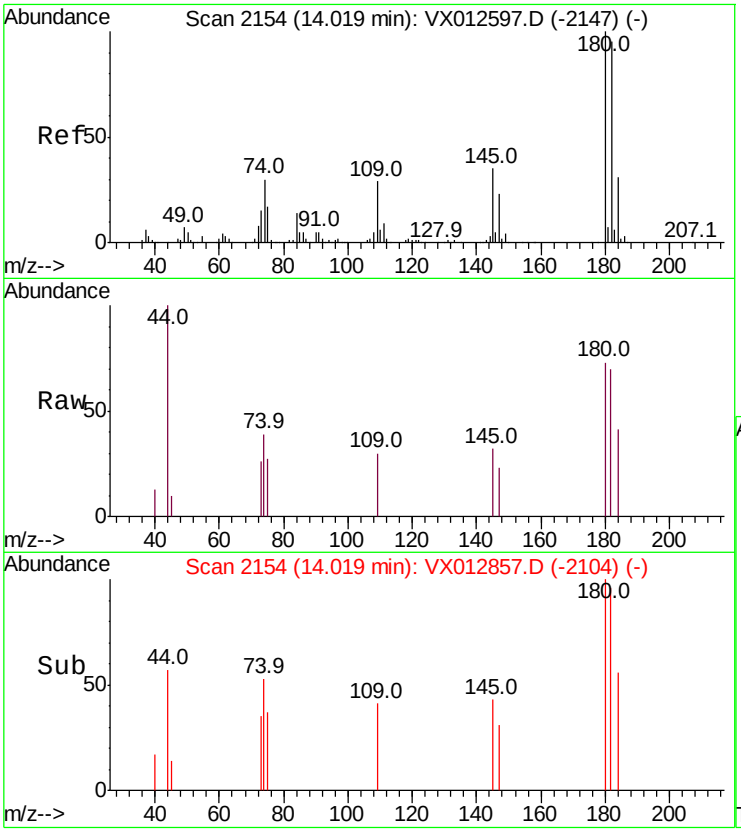


#95
Naphthalene
Concen: 0.324 ug/l
RT: 13.84 min Scan# 2124
Delta R.T. 0.01 min
Lab File: VX012857.D
Acq: 07 Oct 2019 23:00

Tgt Ion:128 Resp: 2316

Ion	Ratio	Lower	Upper
128	100		
127	10.6	10.2	15.4
129	10.0	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 0.293 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX012857.D
Acq: 07 Oct 2019 23:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 580

Ion	Ratio	Lower	Upper
180	100		
182	115.5	47.1	141.3
145	40.2	18.0	54.0