Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092419\
Data File : VX012625.D
Acq On : 24 Sep 2019 12:13
Operator : JC/SP
Sample : K4930-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY038PS027-190916

Quant Time: Sep 25 04:34:41 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	172202	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	292309	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	238947	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	87273	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	122266	48.76	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.52%				
35) Dibromofluoromethane	5.49	113	88189	50.66	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.32%				
50) Toluene-d8	8.71	98	343017	51.17	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.34%				
62) 4-Bromofluorobenzene	11.14	95	113393	43.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 86.04%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	934	0.420	ug/l		91
4) Vinyl Chloride	1.40	62	792	0.358	ug/l		95
5) Bromomethane	1.64	94	489	0.562	ug/l		90
6) Chloroethane	1.70	64	428	0.287	ug/l		98
10) Methyl Iodide	2.51	142	785	5.308	ug/l	#	90
11) Tert butyl alcohol	3.02	59	737	1.177	ug/l	#	72
13) Acrolein	2.28	56	262	10.953	ug/l	#	49
16) Acetone	2.44	43	4128	3.108	ug/l		97
17) Carbon Disulfide	2.56	76	1727	0.333	ug/l		100
21) trans-1,2-Dichloroethene	3.16	96	788	0.384	ug/l	#	76
27) cis-1,2-Dichloroethene	4.58	96	95565	40.153	ug/l		86
36) 1,1-Dichloropropene	5.65	75	15326	5.439	ug/l	#	51
38) Carbon Tetrachloride	5.65	117	18621	6.506	ug/l	#	16
44) Trichloroethene	7.21	130	7322	3.455	ug/l		97
60) Dibromochloromethane	9.33	129	4762	2.271	ug/l	#	11
64) Tetrachloroethene	9.33	164	4844	2.908	ug/l		92
65) Chlorobenzene	10.14	112	1226	0.244	ug/l		91
76) 1,2,3-Trichloropropane	11.14	75	58931	25.527	ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	58931	73.154	ug/l	#	8
87) 1,3-Dichlorobenzene	12.03	146	642	0.222	ug/l		87
88) 1,4-Dichlorobenzene	12.03	146	642	0.219	ug/l		86
93) 1,2,4-Trichlorobenzene	13.64	180	626	0.354	ug/l		88
94) Hexachlorobutadiene	13.78	225	176	0.231	ug/l	#	56
95) Naphthalene	13.83	128	2127	0.333	ug/l	#	94
96) 1,2,3-Trichlorobenzene	14.02	180	610	0.344	ug/l		77

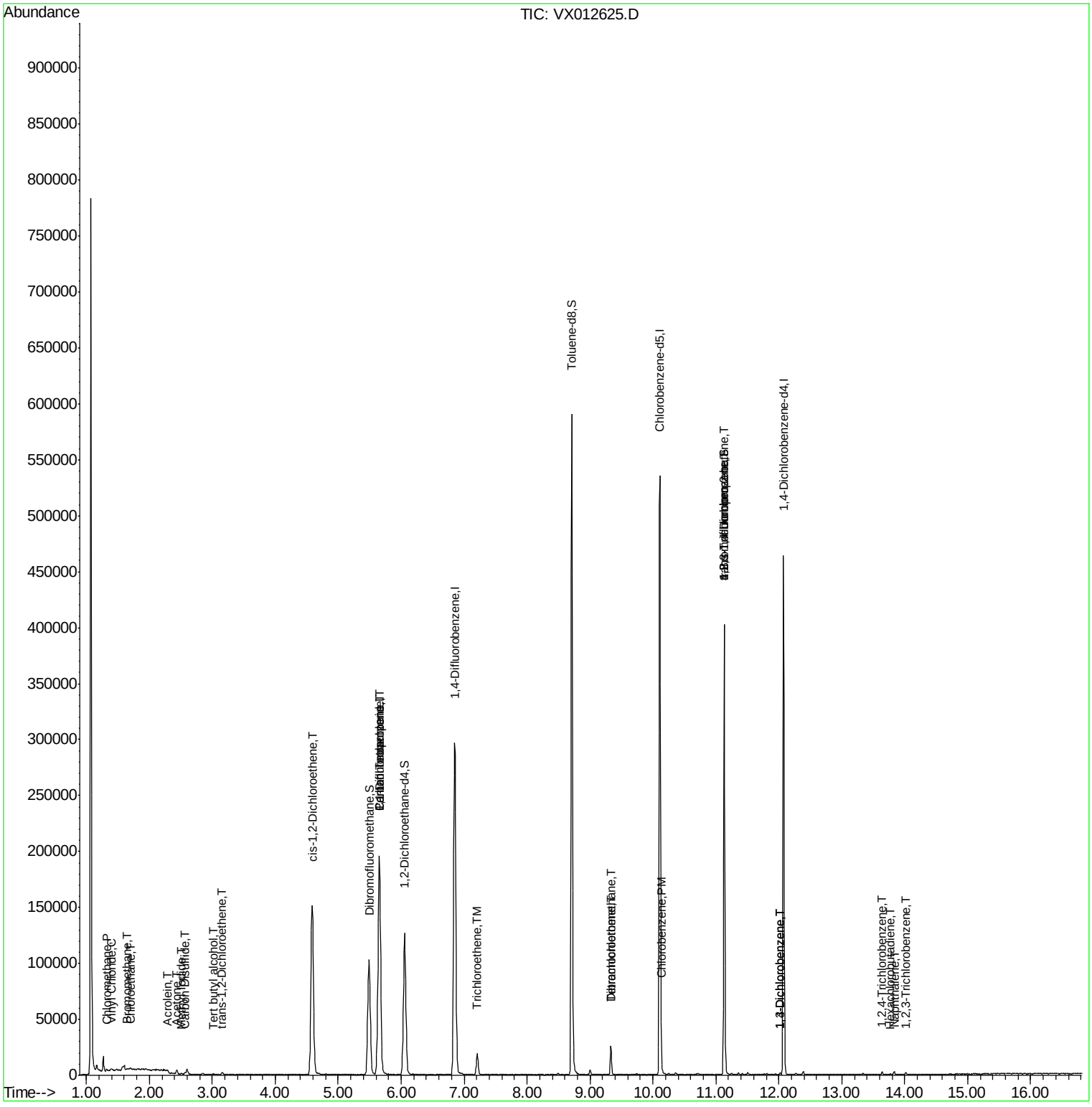
(#) = qualifier out of range (m) = manual integration (+) = signals summed

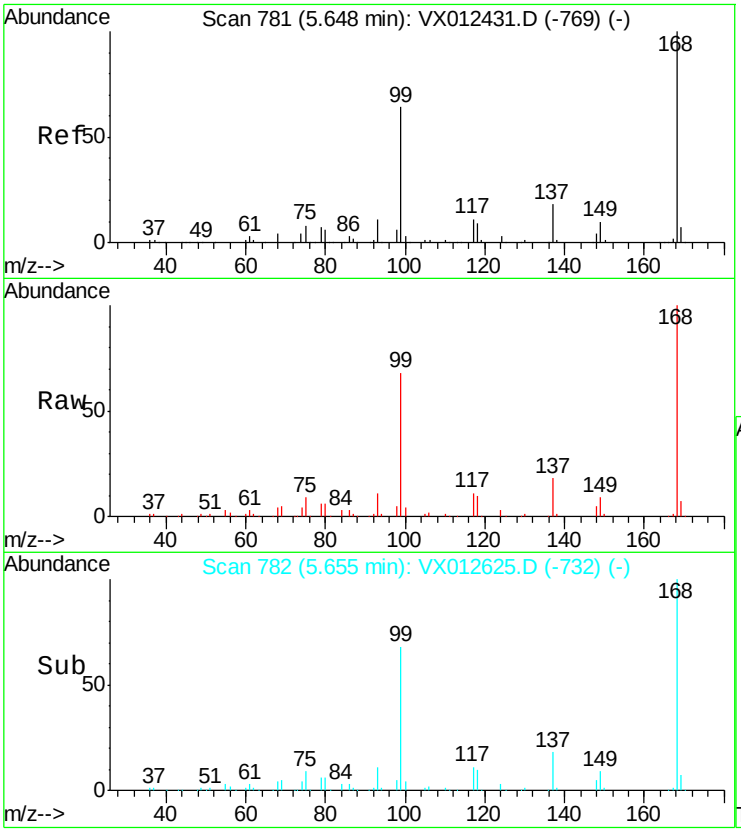
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092419\
Data File : VX012625.D
Acq On : 24 Sep 2019 12:13
Operator : JC/SP
Sample : K4930-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-190916

Quant Time: Sep 25 04:34:41 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



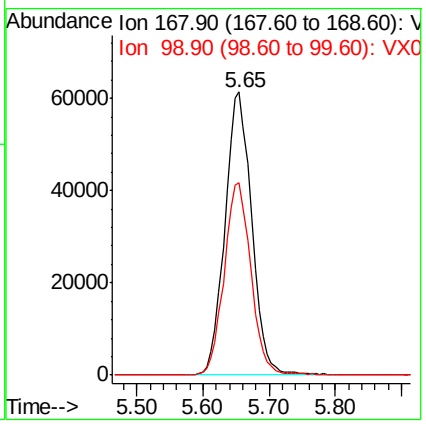


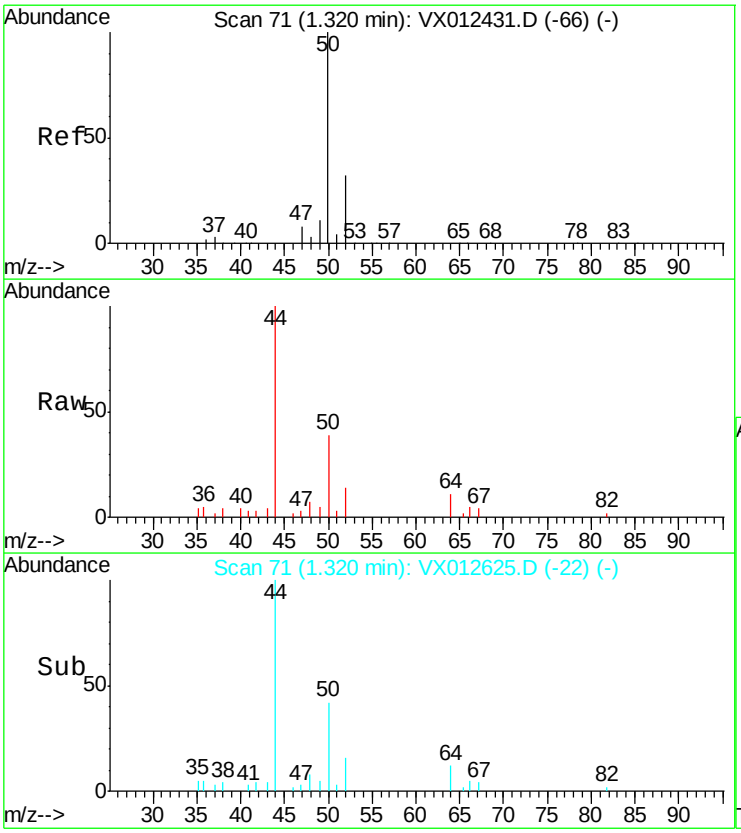
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-190916

Tgt Ion:168 Resp: 172202

Ion	Ratio	Lower	Upper
168	100		
99	68.2	51.4	77.2

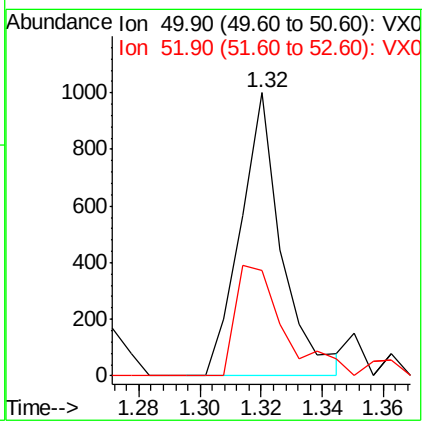


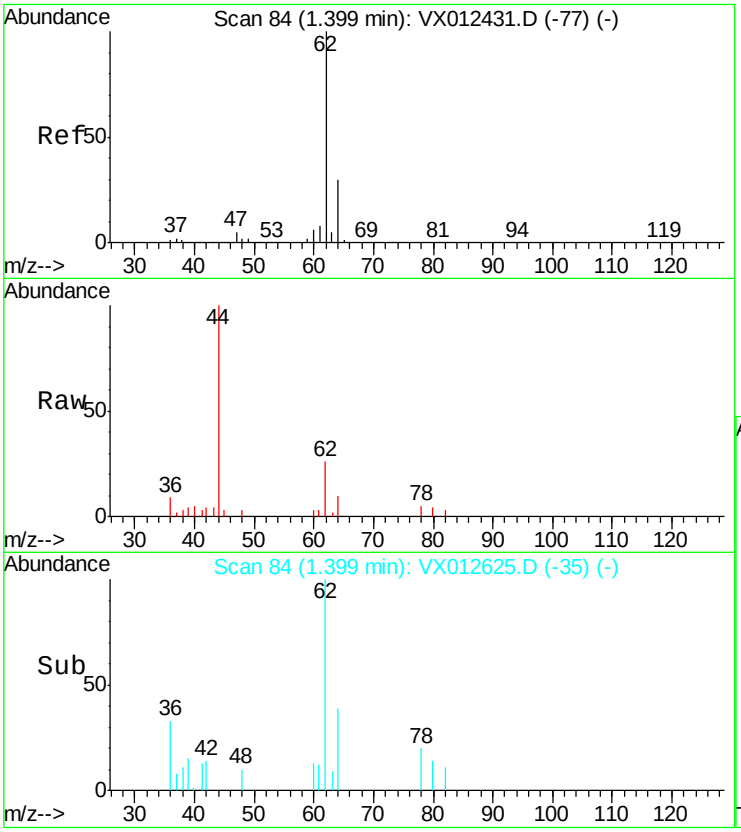


#3
Chloromethane
Concen: 0.420 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Tgt Ion: 50 Resp: 934

Ion	Ratio	Lower	Upper
50	100		
52	37.3	25.7	38.5



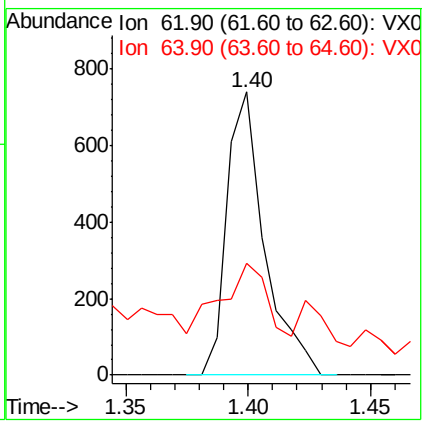


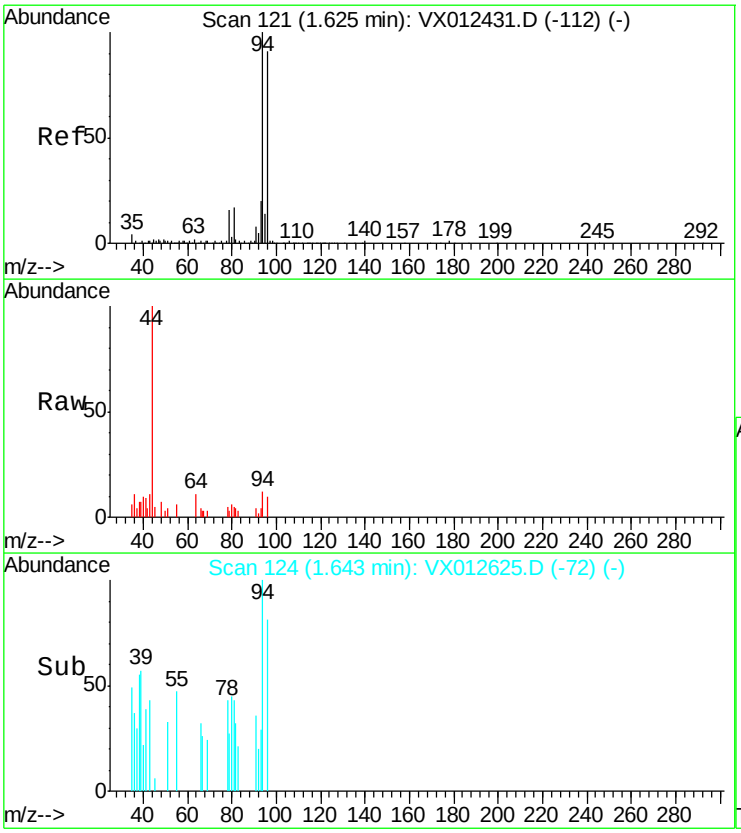
#4
Vinyl Chloride
Concen: 0.358 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-190916

Tgt Ion: 62 Resp: 792

Ion	Ratio	Lower	Upper
62	100		
64	27.4	24.2	36.2

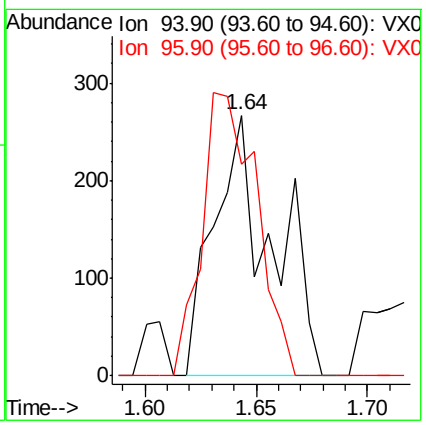


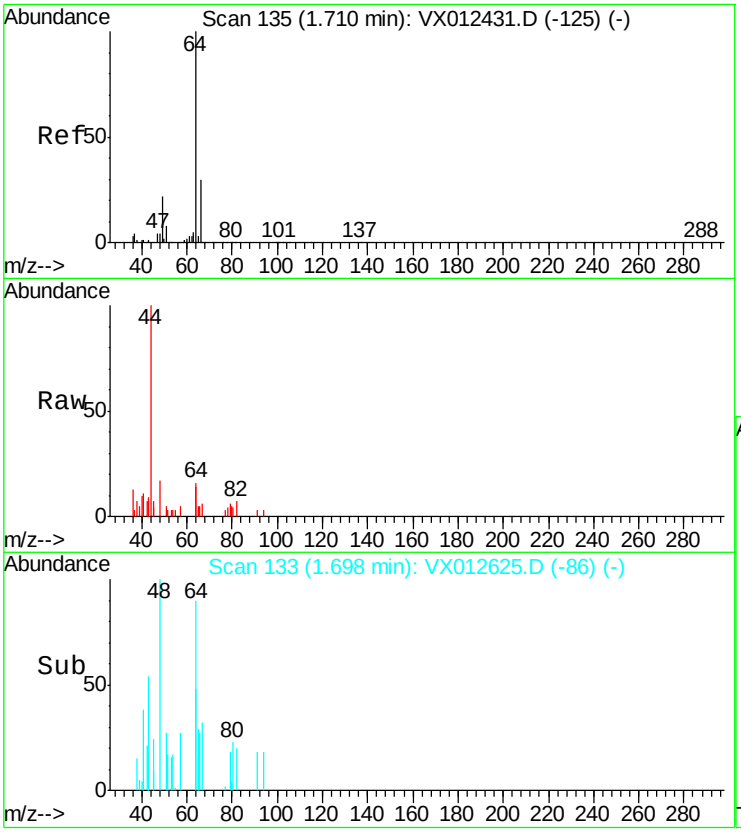


#5
Bromomethane
Concen: 0.562 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.02 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Tgt Ion: 94 Resp: 489

Ion	Ratio	Lower	Upper
94	100		
96	81.3	72.8	109.2



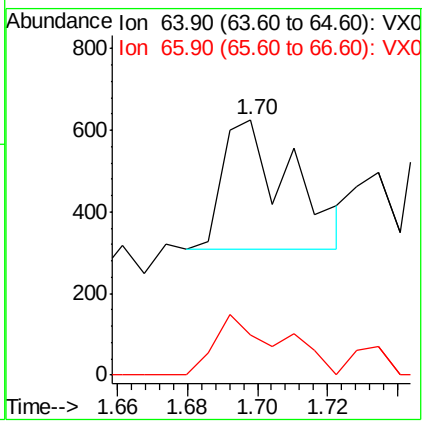


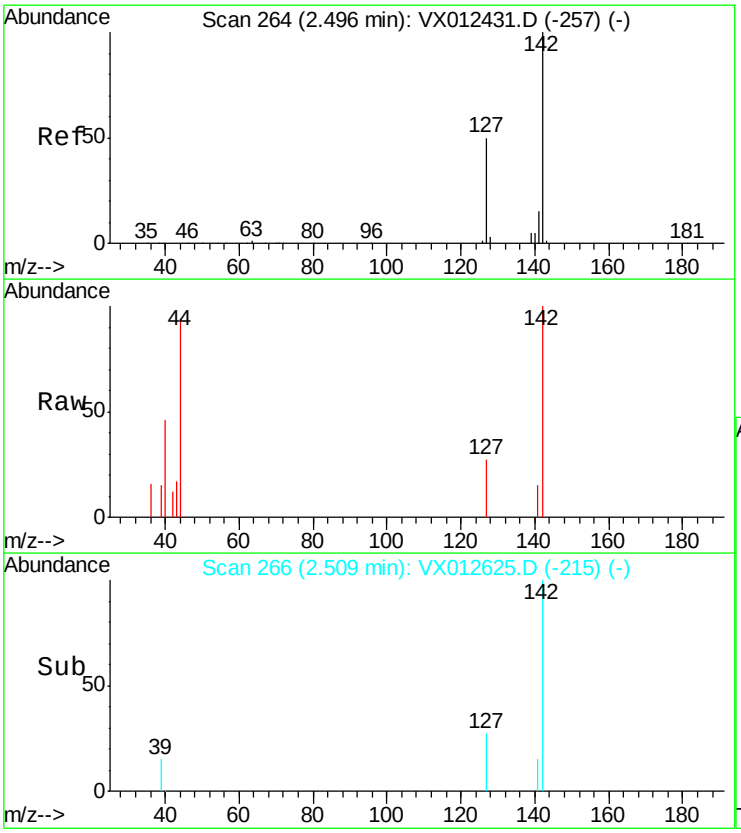
#6
Chloroethane
Concen: 0.287 ug/l
RT: 1.70 min Scan# 133
Delta R.T. -0.01 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-190916

Tgt Ion: 64 Resp: 428

Ion	Ratio	Lower	Upper
64	100		
66	31.2	24.0	36.0

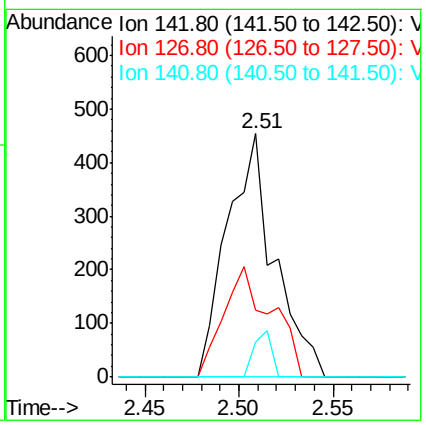


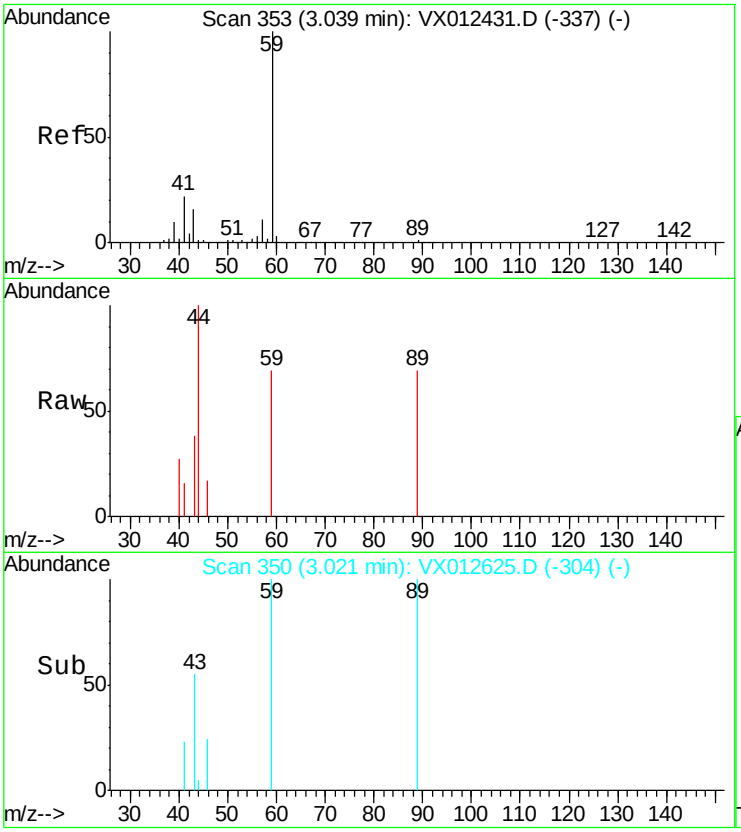


#10
Methyl Iodide
Concen: 5.308 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Tgt Ion:142 Resp: 785

Ion	Ratio	Lower	Upper
142	100		
127	45.9	40.8	61.2
141	7.1	12.1	18.1#



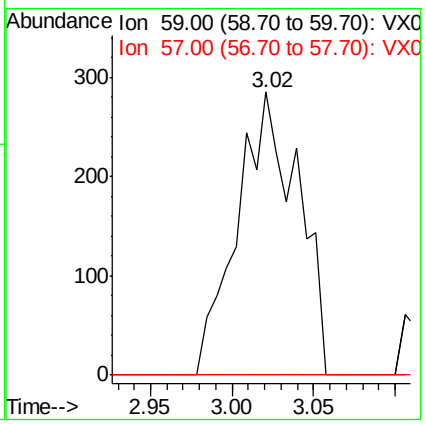


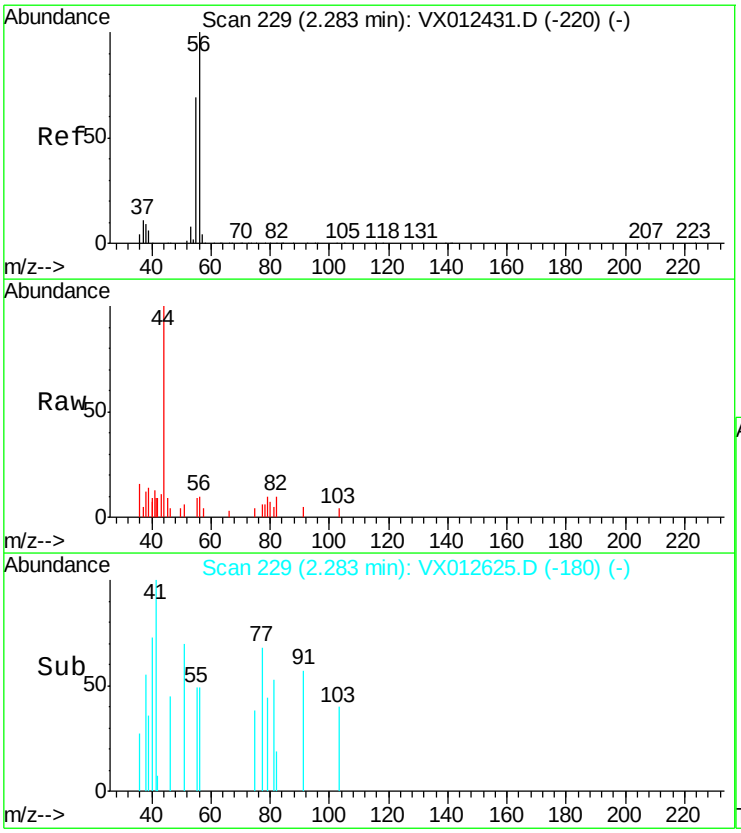
#11
Tert butyl alcohol
Concen: 1.177 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-190916

Tgt Ion: 59 Resp: 737

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

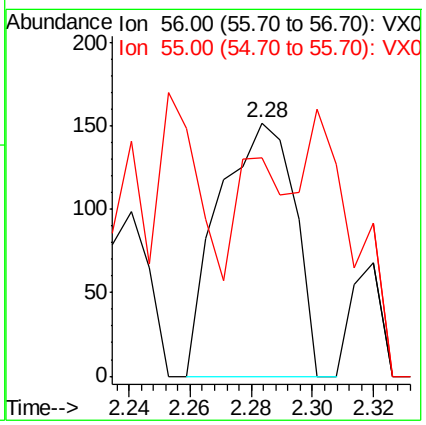


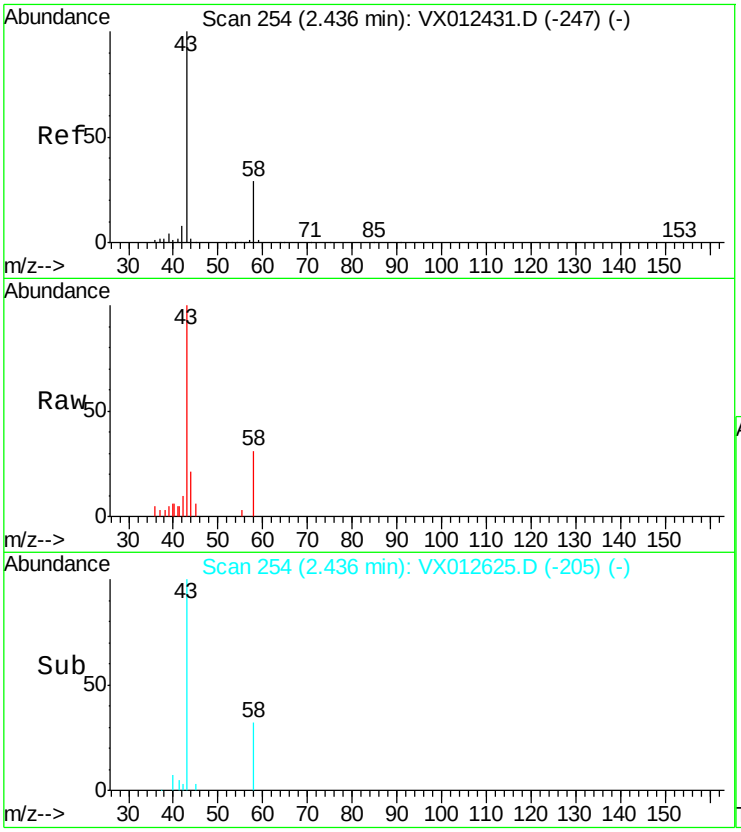


#13
Acrolein
Concen: 10.953 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Tgt Ion: 56 Resp: 262

Ion	Ratio	Lower	Upper
56	100		
55	27.9	55.8	83.8#



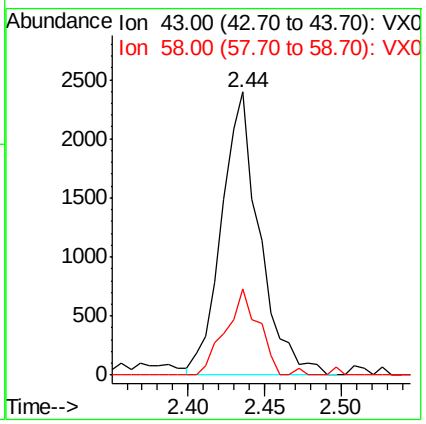


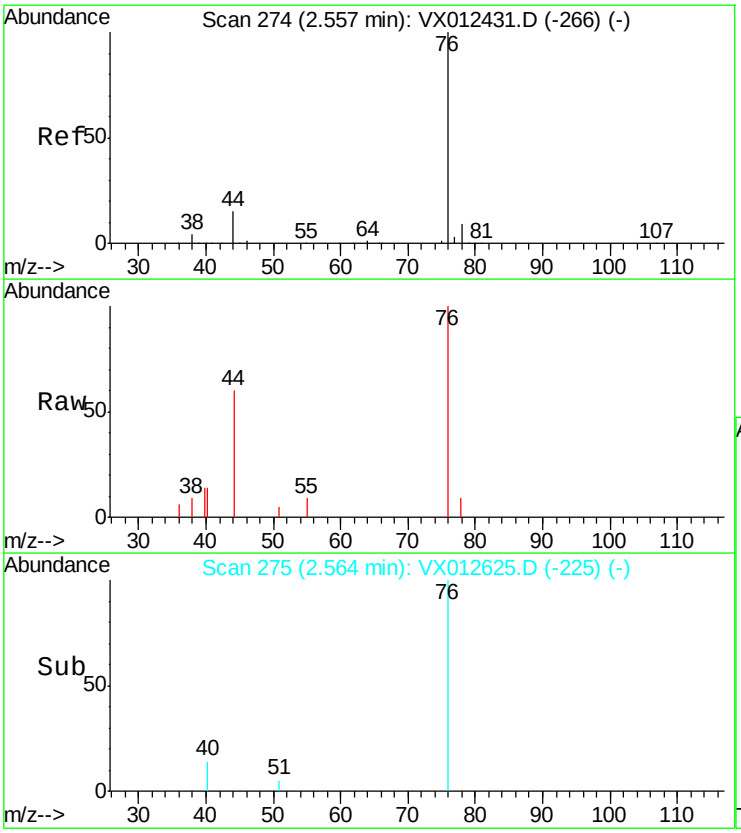
#16
Acetone
Concen: 3.108 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-190916

Tgt Ion: 43 Resp: 4128

Ion	Ratio	Lower	Upper
43	100		
58	30.6	23.3	34.9

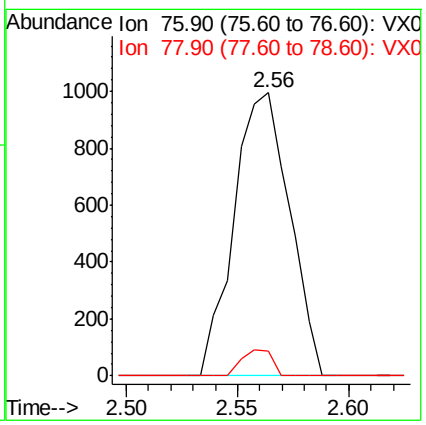


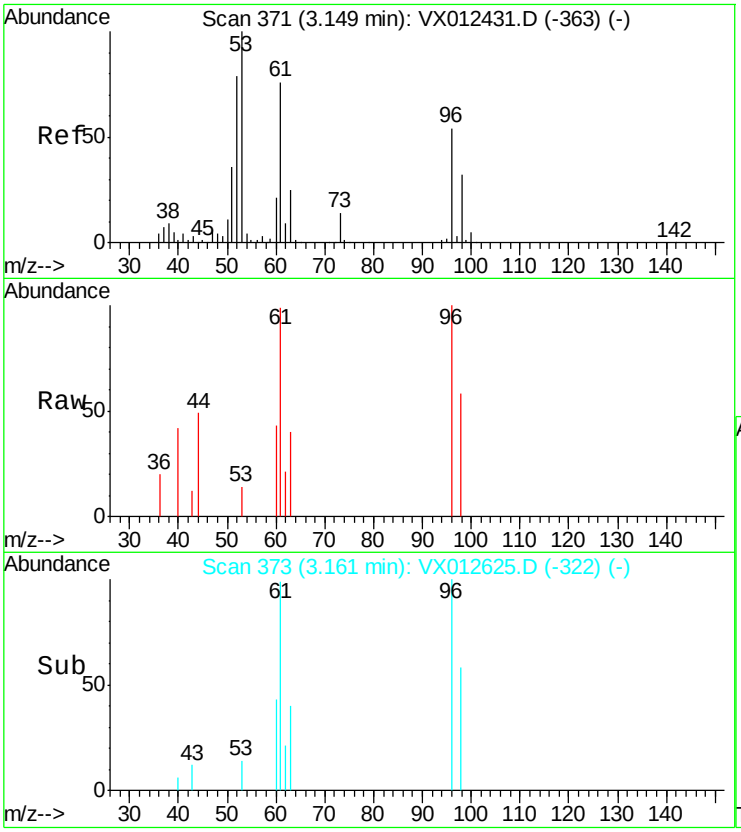


#17
Carbon Disulfide
Concen: 0.333 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Tgt Ion: 76 Resp: 1727

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9



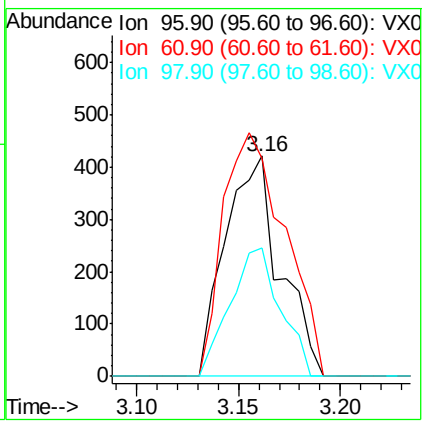


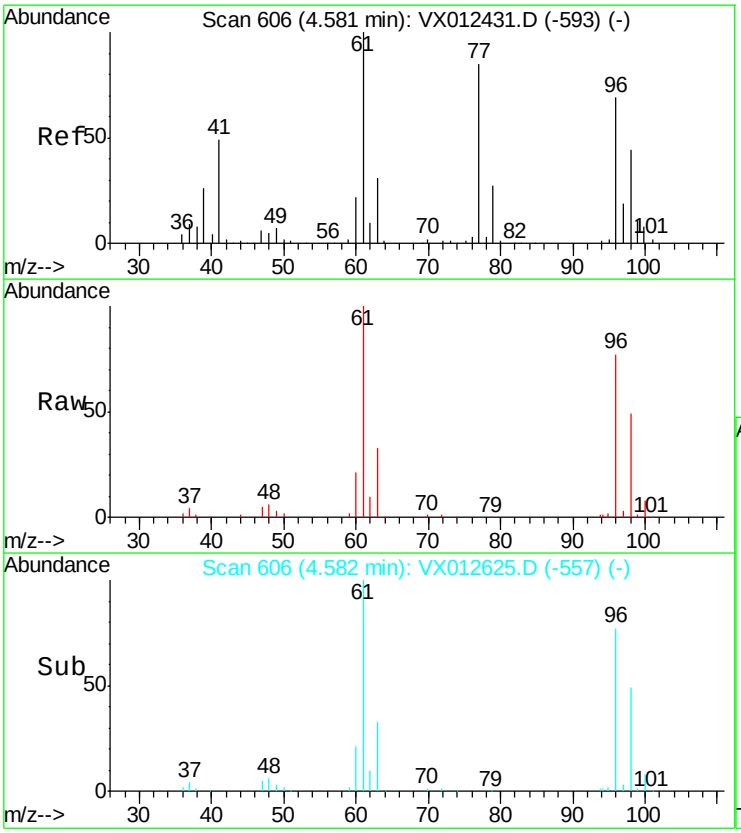
#21
trans-1,2-Dichloroethene
Concen: 0.384 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-190916

Tgt Ion: 96 Resp: 788

Ion	Ratio	Lower	Upper
96	100		
61	99.3	112.0	168.0#
98	58.2	47.8	71.8

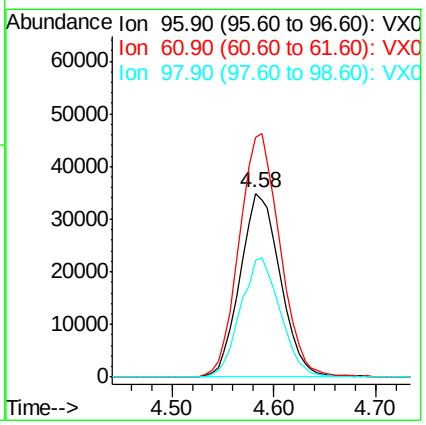


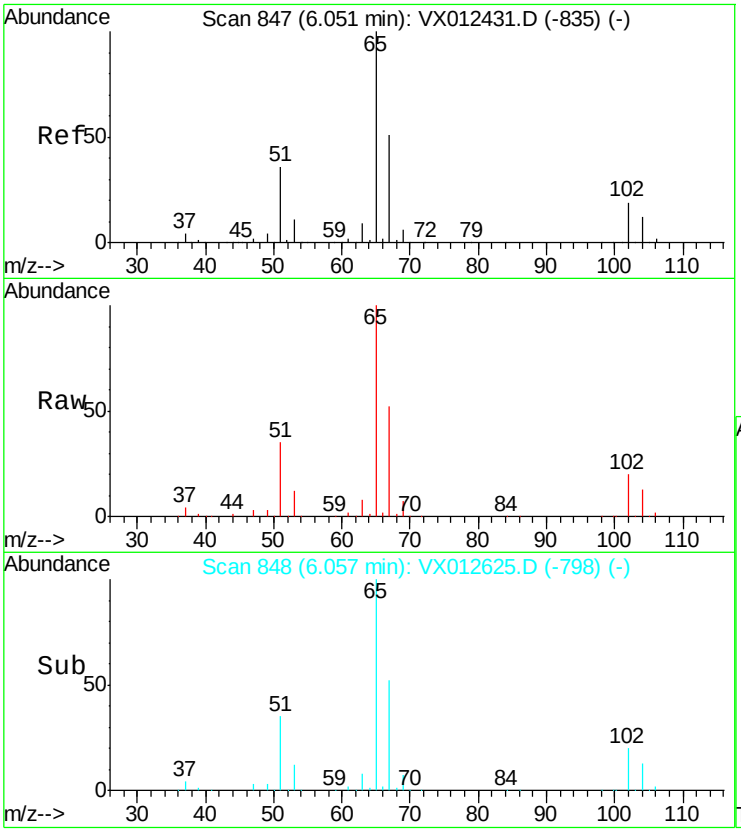


#27
cis-1,2-Dichloroethene
Concen: 40.153 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Tgt Ion: 96 Resp: 95565

Ion	Ratio	Lower	Upper
96	100		
61	134.8	0.0	319.4
98	64.9	0.0	130.6



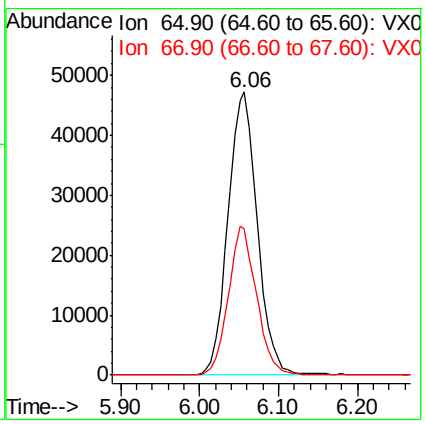


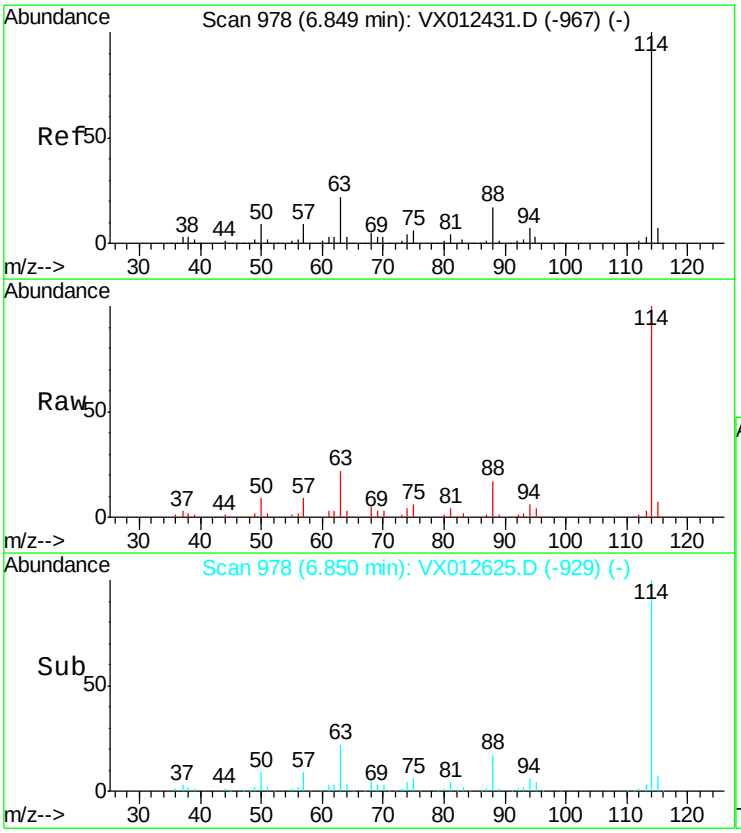
#33
1,2-Dichloroethane-d4
Concen: 48.758 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-190916

Tgt Ion: 65 Resp: 122266

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	101.2

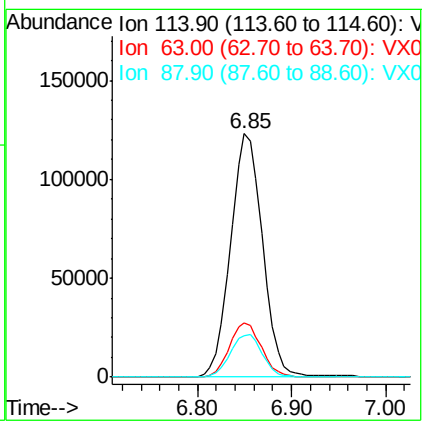


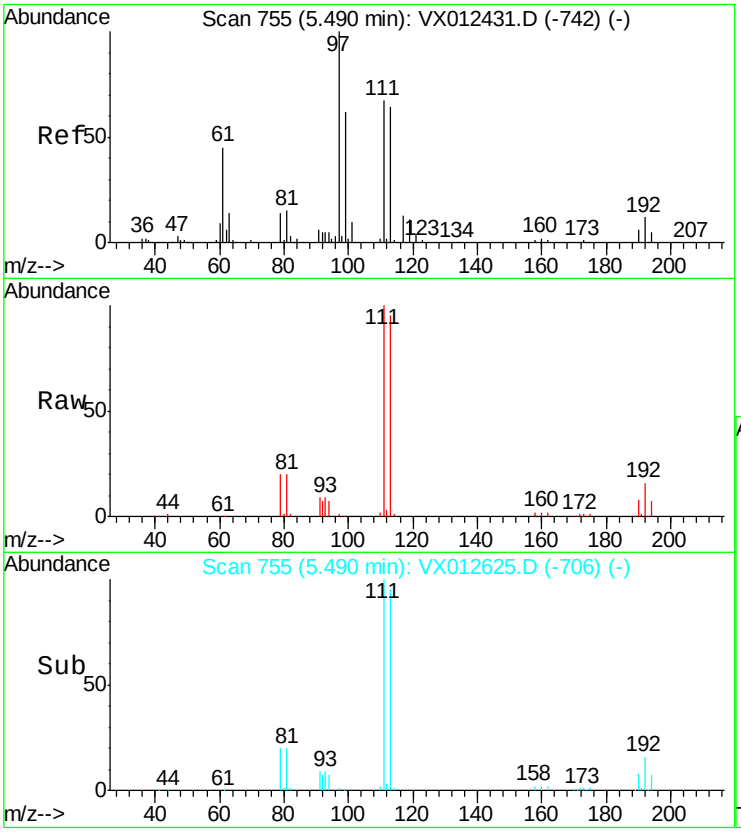


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Tgt Ion:114 Resp: 292309

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.2
88	17.1	0.0	33.2



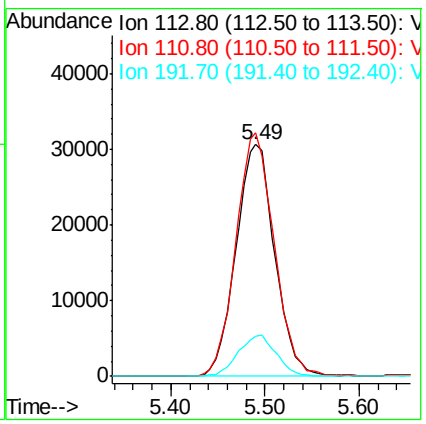


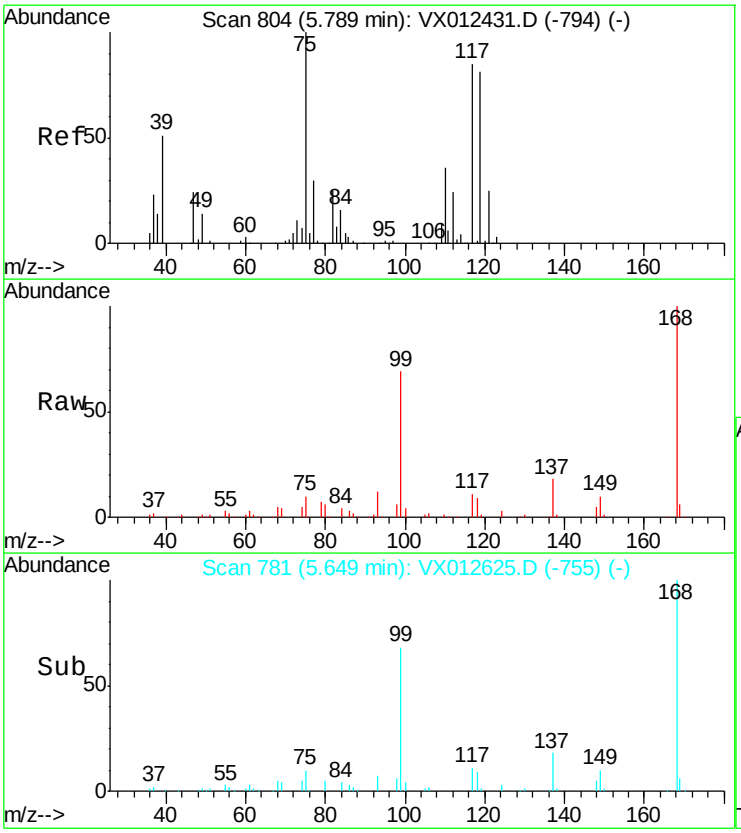
#35
Dibromofluoromethane
Concen: 50.659 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-190916

Tgt Ion:113 Resp: 88189

Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.4	125.2
192	17.5	14.4	21.6

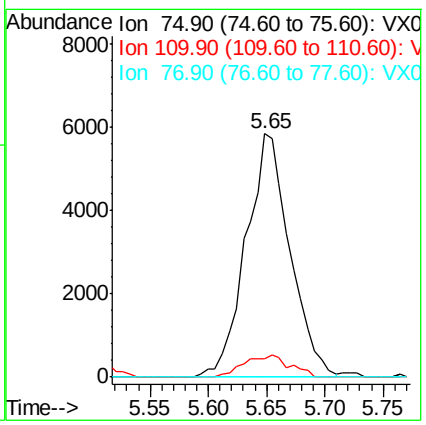


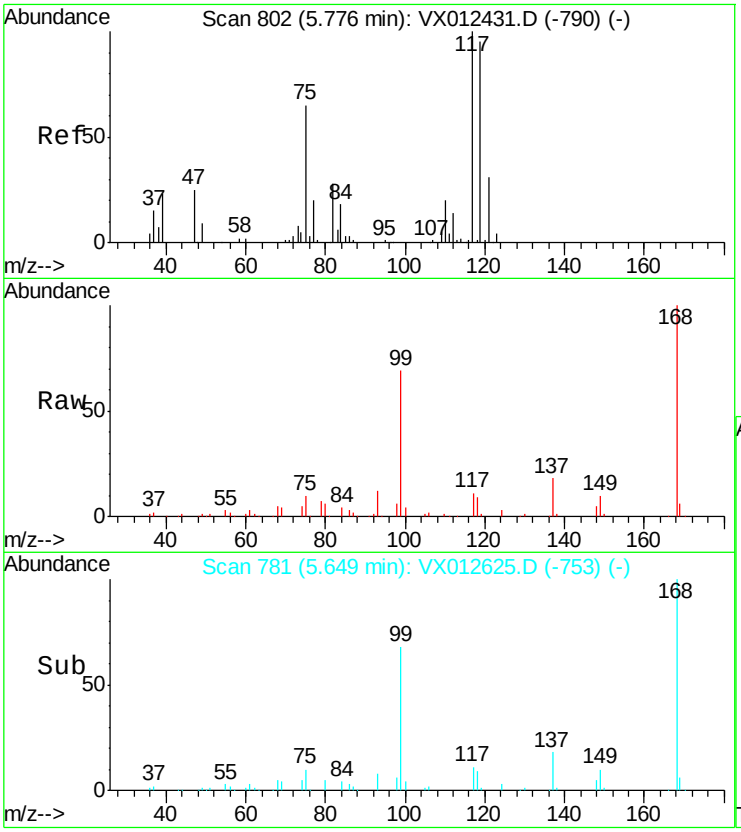


#36
1,1-Dichloropropene
Concen: 5.439 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Tgt Ion: 75 Resp: 15326

Ion	Ratio	Lower	Upper
75	100		
110	9.4	16.7	50.0#
77	0.0	24.2	36.2#



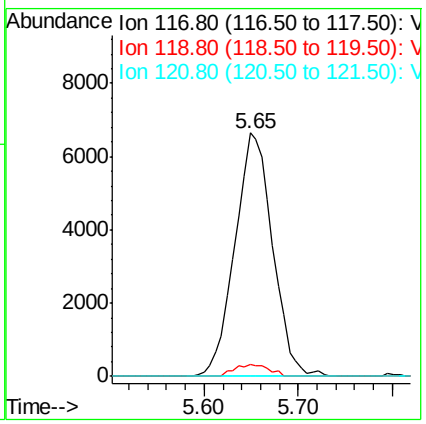


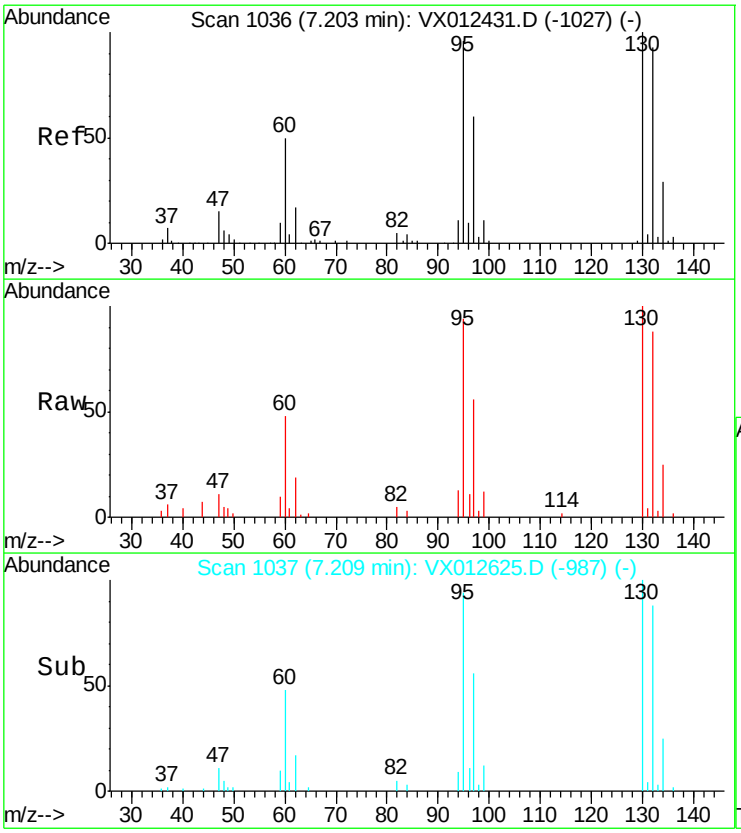
#38
Carbon Tetrachloride
Concen: 6.506 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-190916

Tgt Ion:117 Resp: 18621

Ion	Ratio	Lower	Upper
117	100		
119	4.8	75.7	113.5#
121	0.0	24.2	36.4#

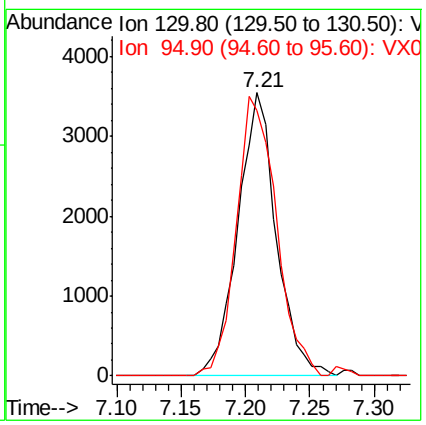


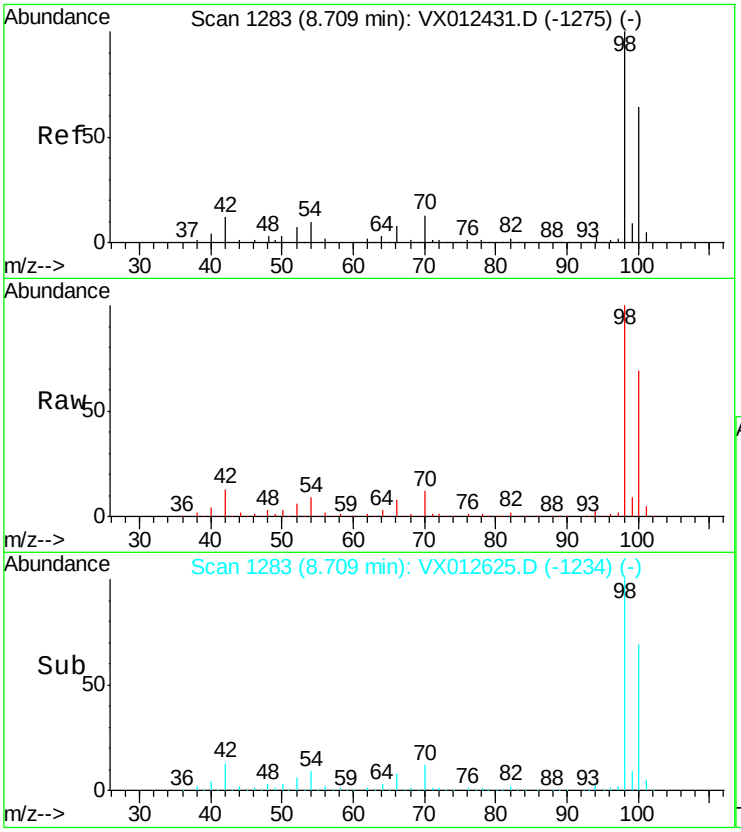


#44
Trichloroethene
Concen: 3.455 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Tgt Ion:130 Resp: 7322

Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	193.0



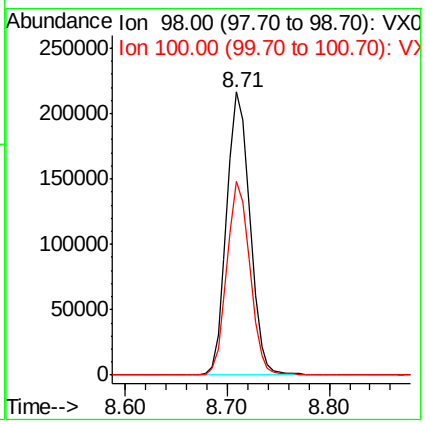


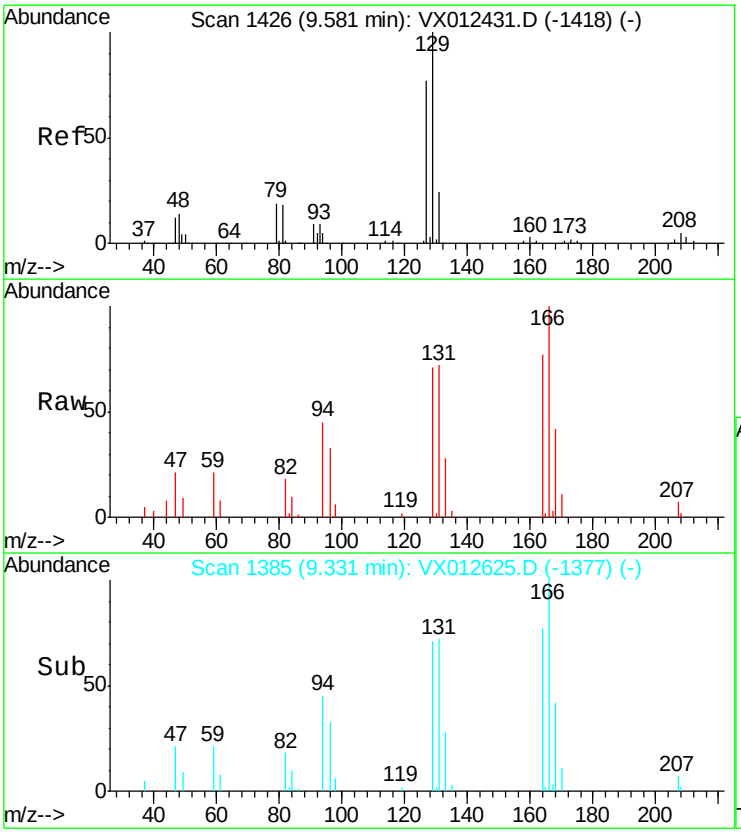
#50
Toluene-d8
Concen: 51.166 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-190916

Tgt Ion: 98 Resp: 343017

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.4	80.2

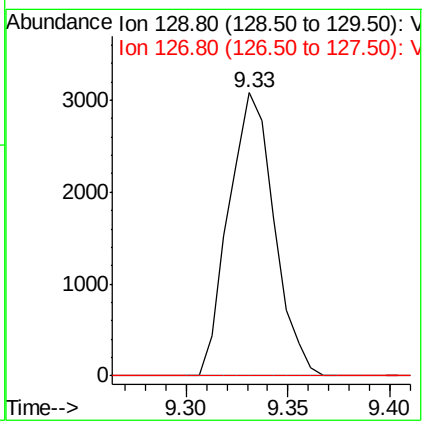


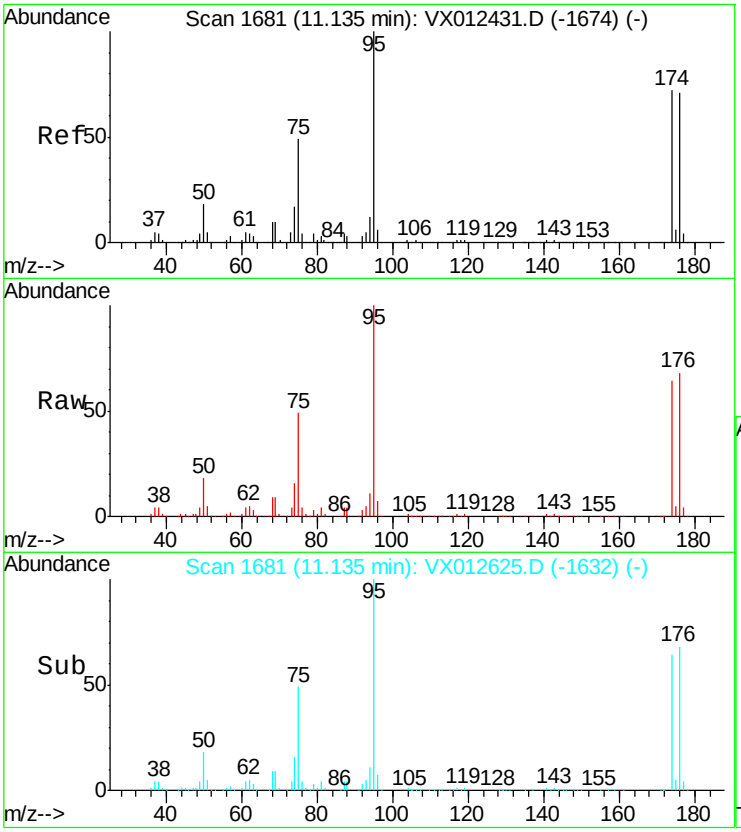


#60
Dibromochloromethane
Concen: 2.271 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.25 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Tgt Ion:129 Resp: 4762

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.9	116.6#



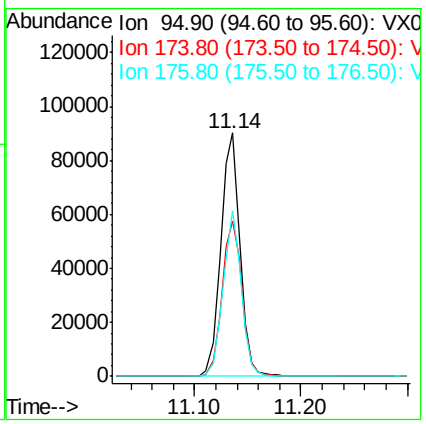


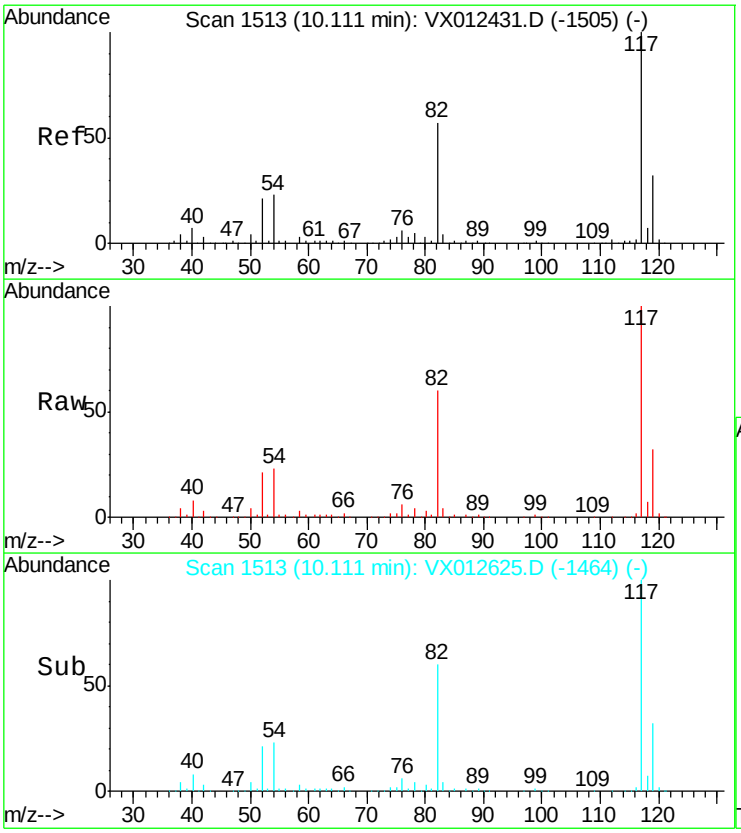
#62
4-Bromofluorobenzene
Concen: 43.016 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-190916

Tgt Ion: 95 Resp: 113393

Ion	Ratio	Lower	Upper
95	100		
174	66.4	0.0	140.0
176	64.9	0.0	135.4

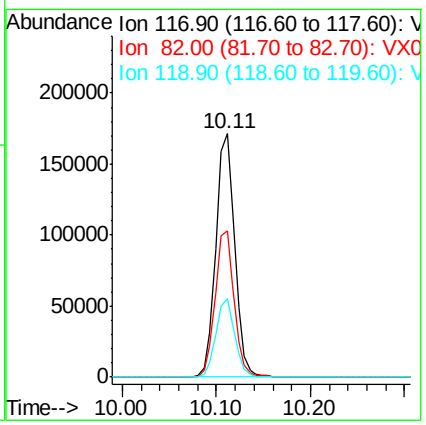


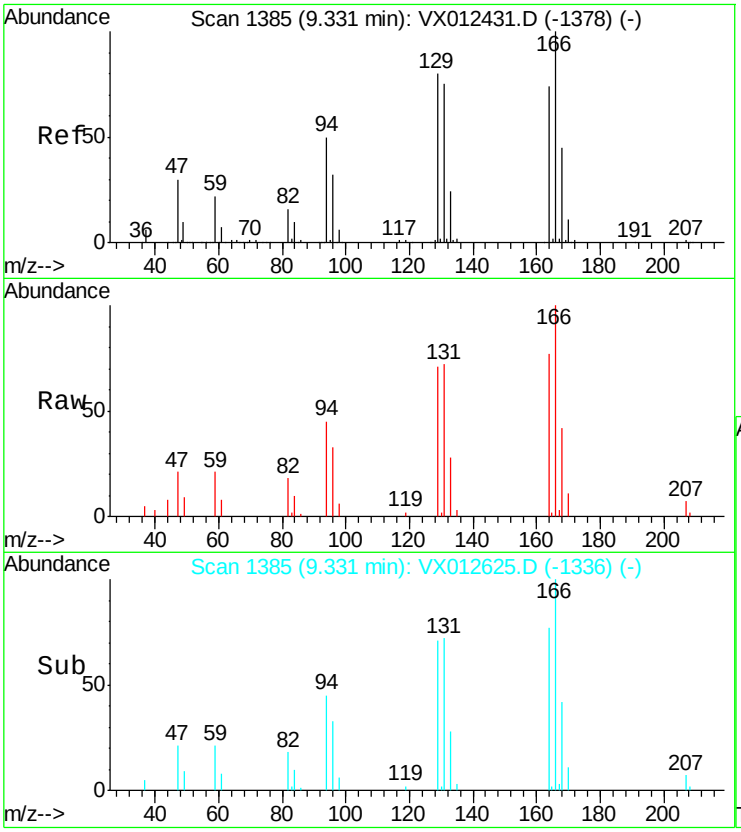


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Tgt Ion:117 Resp: 238947

Ion	Ratio	Lower	Upper
117	100		
82	60.4	45.9	68.9
119	32.1	25.3	37.9



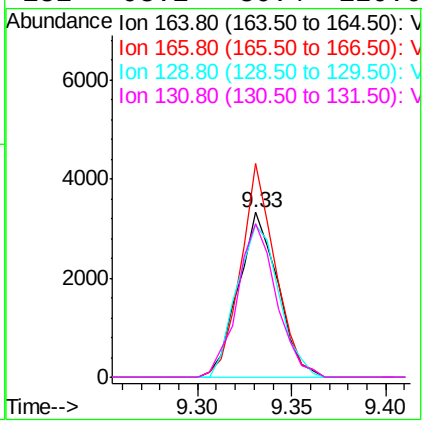


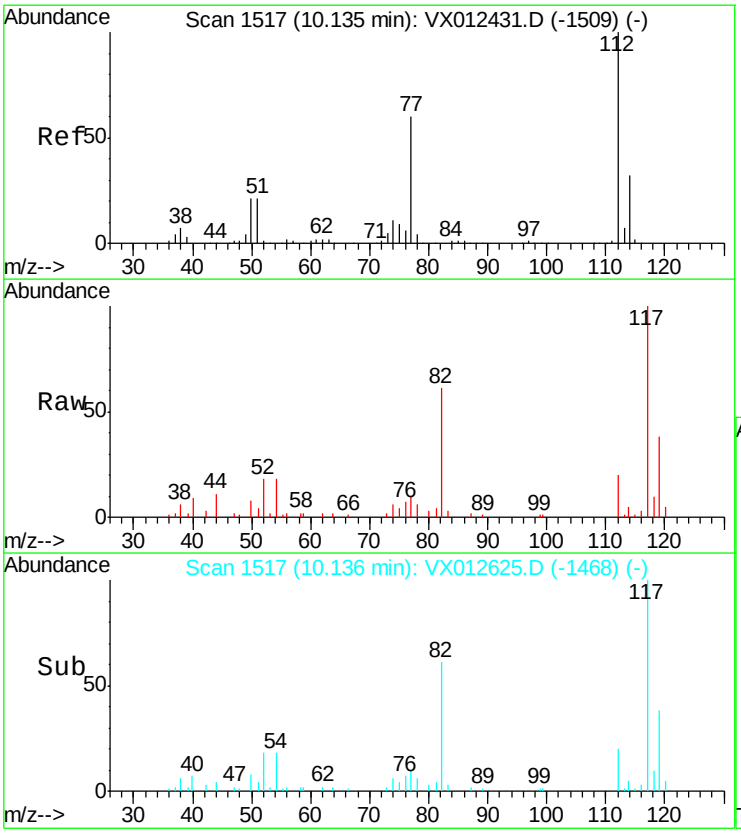
#64
Tetrachloroethene
Concen: 2.908 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-190916

Tgt Ion:164 Resp: 4844

Ion	Ratio	Lower	Upper
164	100		
166	129.4	107.8	161.6
129	92.5	86.2	129.2
131	93.1	80.4	120.6

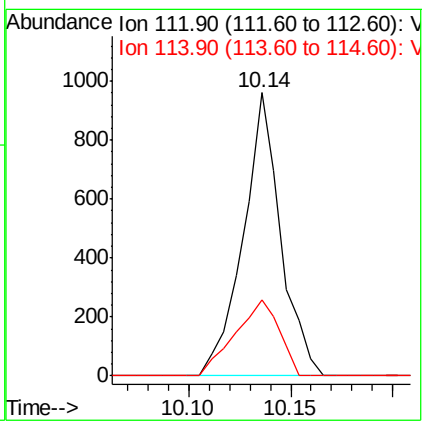


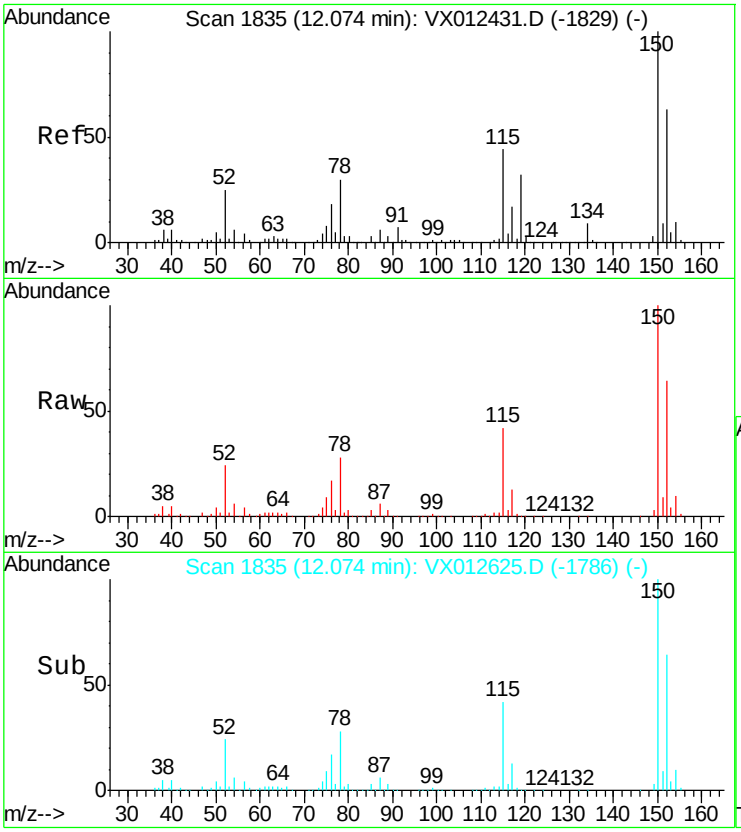


#65
Chlorobenzene
Concen: 0.244 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Tgt Ion:112 Resp: 1226

Ion	Ratio	Lower	Upper
112	100		
114	26.8	25.4	38.0



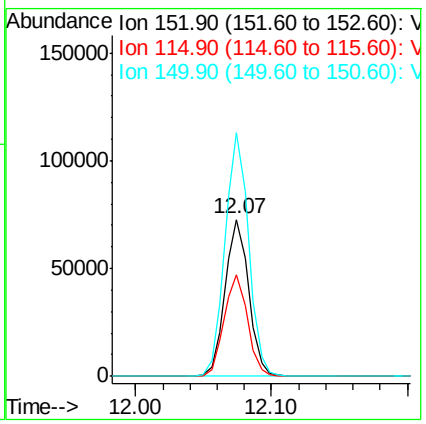


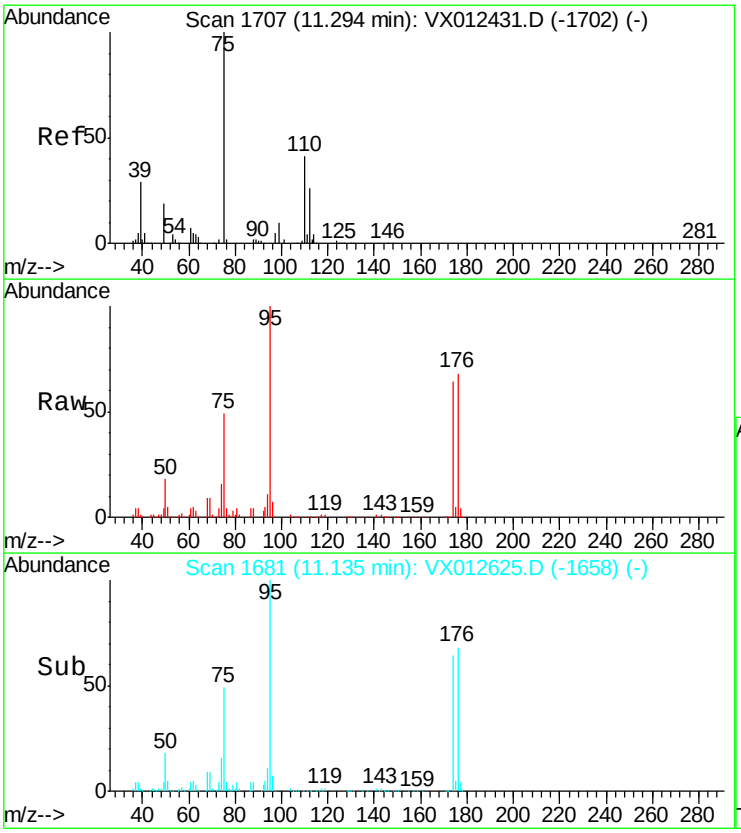
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-190916

Tgt Ion:152 Resp: 87273

Ion	Ratio	Lower	Upper
152	100		
115	64.6	44.1	132.3
150	155.7	0.0	343.8

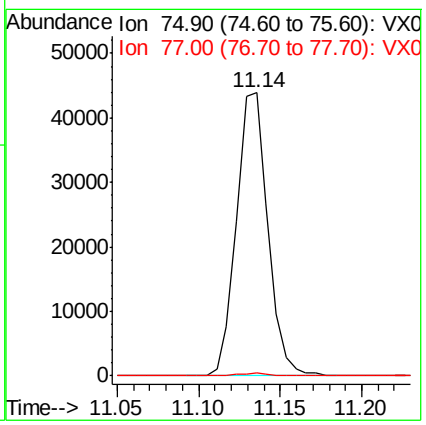


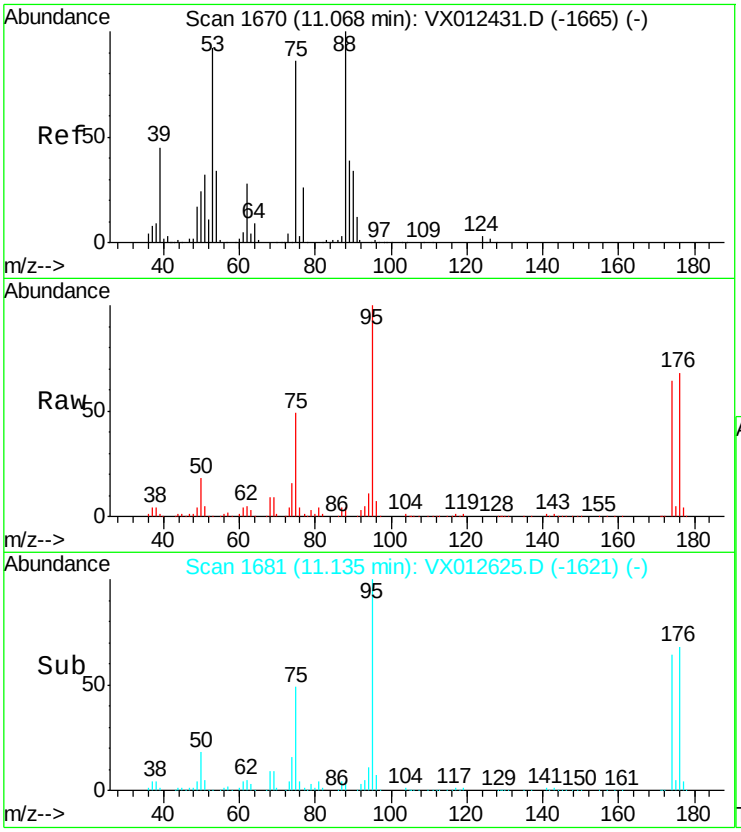


#76
1,2,3-Trichloropropane
Concen: 25.527 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Tgt Ion: 75 Resp: 58931

Ion	Ratio	Lower	Upper
75	100		
77	1.0	19.7	59.0#



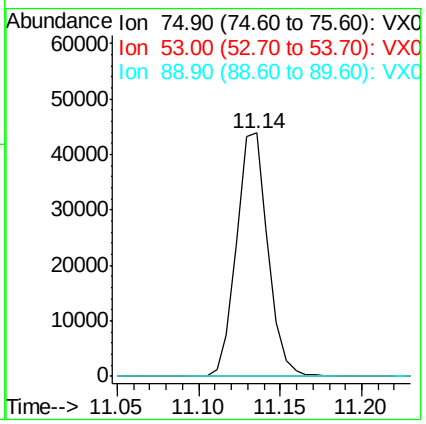


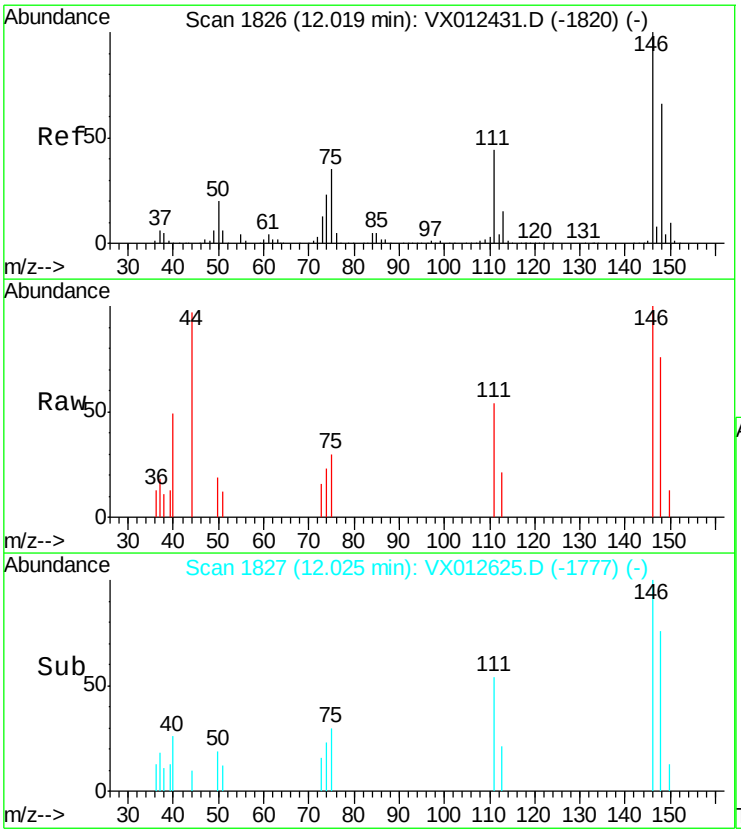
#81
trans-1,4-Dichloro-2-butene
Concen: 73.154 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-190916

Tgt Ion: 75 Resp: 58931

Ion	Ratio	Lower	Upper
75	100		
53	0.1	83.6	125.4#
89	0.0	36.3	54.5#

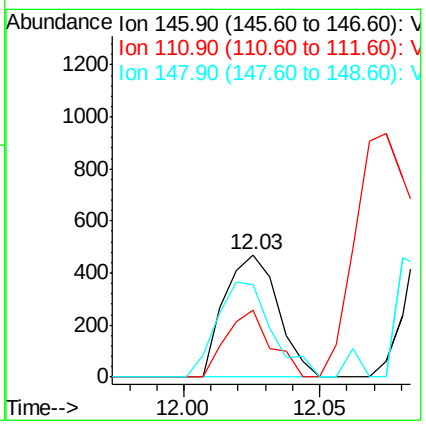


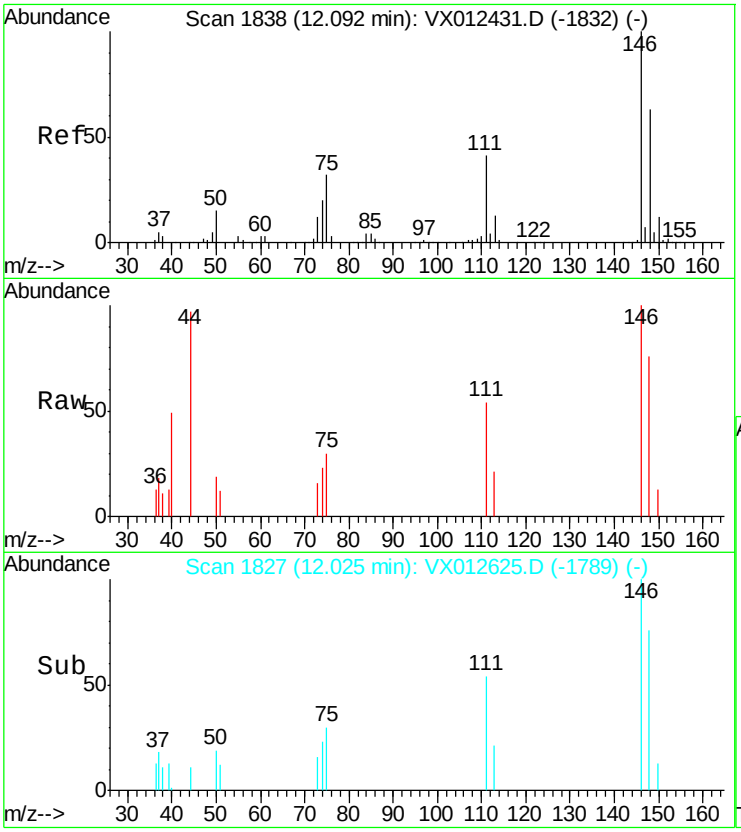


#87
1,3-Dichlorobenzene
Concen: 0.222 ug/l
RT: 12.03 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Tgt Ion:146 Resp: 642

Ion	Ratio	Lower	Upper
146	100		
111	45.5	21.3	64.0
148	79.4	32.4	97.2



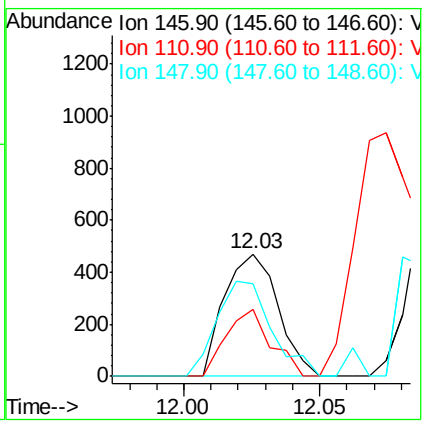


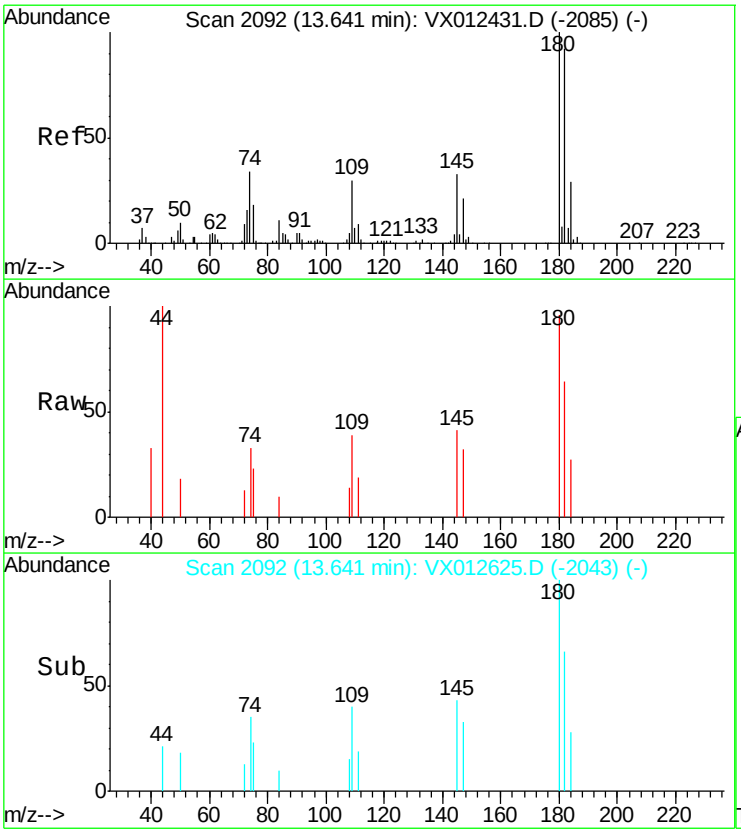
#88
1,4-Dichlorobenzene
Concen: 0.219 ug/l
RT: 12.03 min Scan# 1827
Delta R.T. -0.07 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-190916

Tgt Ion:146 Resp: 642

Ion	Ratio	Lower	Upper
146	100		
111	45.5	21.1	63.3
148	79.4	32.1	96.5

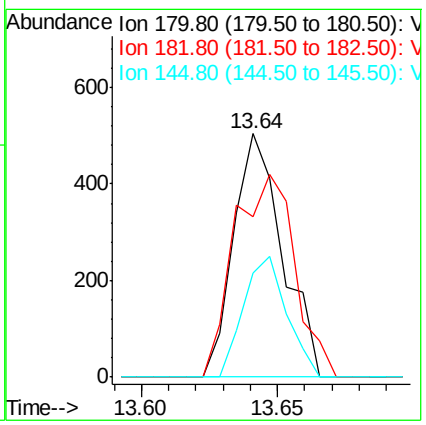


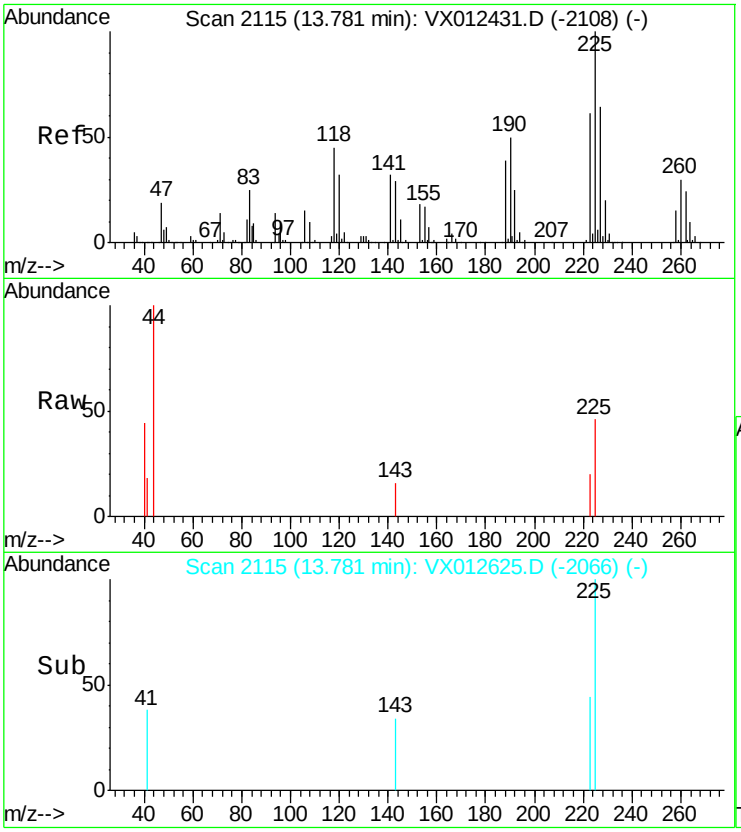


#93
1,2,4-Trichlorobenzene
Concen: 0.354 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Tgt Ion:180 Resp: 626

Ion	Ratio	Lower	Upper
180	100		
182	103.5	47.0	141.0
145	43.9	16.8	50.4



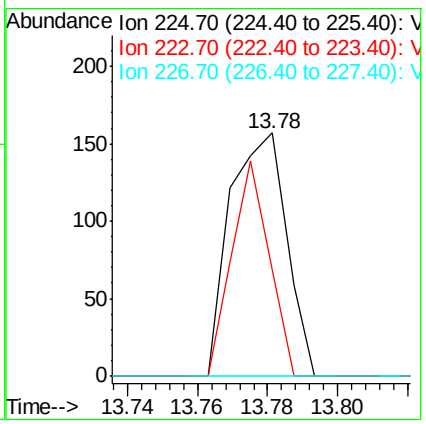


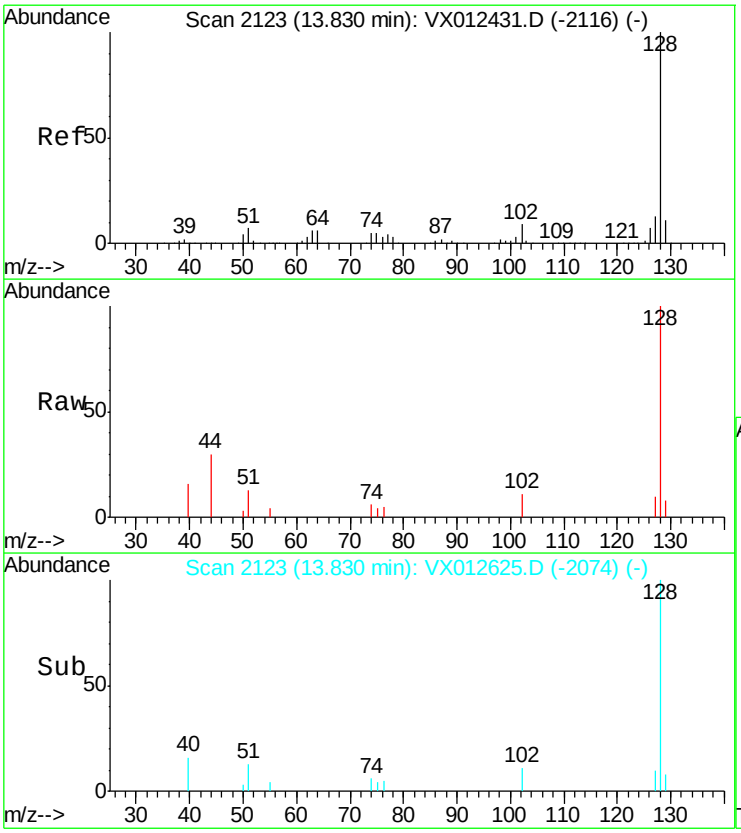
#94
Hexachlorobutadiene
Concen: 0.231 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-190916

Tgt Ion:225 Resp: 176

Ion	Ratio	Lower	Upper
225	100		
223	58.5	32.0	96.2
227	0.0	31.9	95.5#

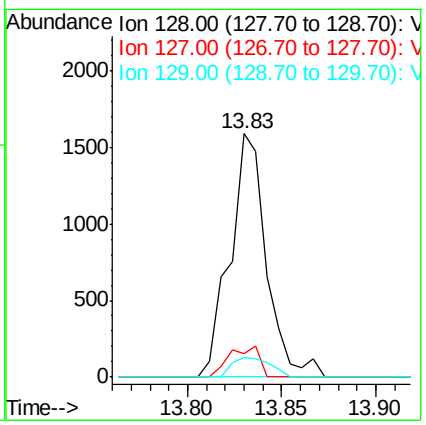


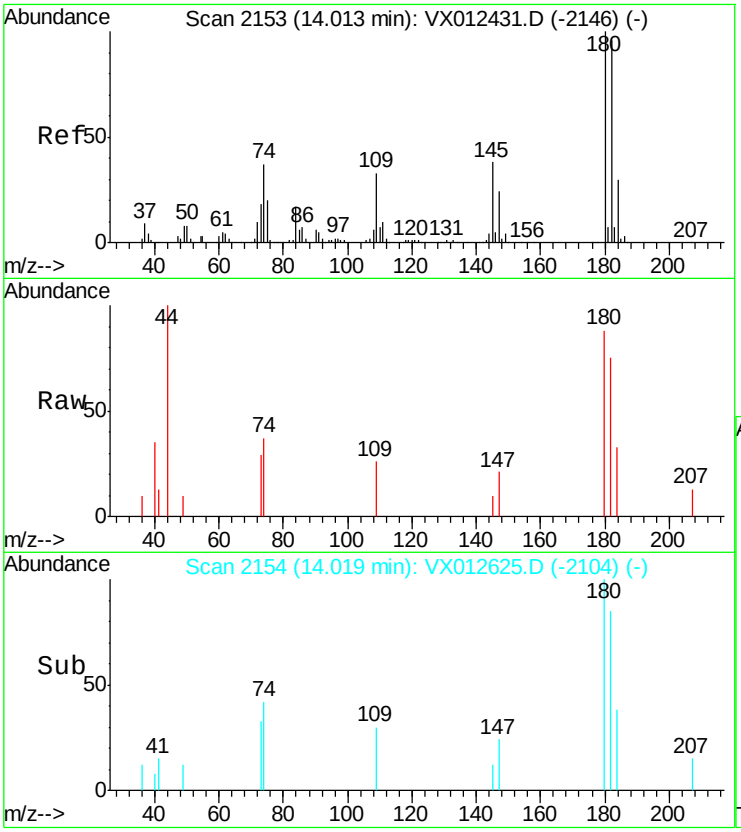


#95
Naphthalene
Concen: 0.333 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Tgt Ion:128 Resp: 2127

Ion	Ratio	Lower	Upper
128	100		
127	10.6	10.2	15.4
129	8.3	8.8	13.2#





#96
1,2,3-Trichlorobenzene
Concen: 0.344 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX012625.D
Acq: 24 Sep 2019 12:13

Instrument :
MSVOA_X
ClientSampleId :
KY038PS027-190916

Tgt Ion:180 Resp: 610

Ion	Ratio	Lower	Upper
180	100		
182	70.2	47.1	141.3
145	24.8	18.0	54.0