Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091719\

Quantitation Report (Not Reviewed)

Data File : VX012450.D
Acq On : 17 Sep 2019 22:37
Operator : JC/SP
Sample : K4858-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE103D2-20190909

Quant Time: Sep 18 03:28:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	162601	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	257703	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	225806	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100014	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	114350	49.07	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.14%				
35) Dibromofluoromethane	5.48	113	79704	51.10	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.20%				
50) Toluene-d8	8.71	98	303446	52.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.12%				
62) 4-Bromofluorobenzene	11.14	95	115329	48.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.22%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	215	0.588	ug/l	#	43
3) Chloromethane	1.32	50	744	0.832	ug/l	#	85
5) Bromomethane	1.64	94	266	0.701	ug/l	#	80
6) Chloroethane	1.69	64	333	0.440	ug/l	#	57
8) Diethyl Ether	2.23	74	185	0.231	ug/l		89
9) 1,1,2-Trichlorotrifluoroet	2.37	101	3533	2.757	ug/l		94
10) Methyl Iodide	2.50	142	241	4.642	ug/l	#	69
11) Tert butyl alcohol	3.03	59	2242	Below Cal		#	93
12) 1,1-Dichloroethene	2.37	96	870	0.851	ug/l		87
13) Acrolein	2.27	56	193	Below Cal		#	60
16) Acetone	2.44	43	4639	Below Cal			90
17) Carbon Disulfide	2.57	76	384	2.062	ug/l	#	75
20) Methylene Chloride	2.85	84	598	0.424	ug/l	#	92
24) 1,1-Dichloroethane	3.69	63	2156	0.809	ug/l	#	81
25) 2-Butanone	4.67	43	353	0.218	ug/l	#	51
27) cis-1,2-Dichloroethene	4.59	96	1328	0.837	ug/l		44
29) Tetrahydrofuran	5.13	42	515	0.577	ug/l	#	83
30) Chloroform	5.21	83	2470	0.807	ug/l		90
31) Cyclohexane	5.64	56	4521	2.809	ug/l	#	57
36) 1,1-Dichloropropene	5.65	75	14137	9.026	ug/l	#	43
38) Carbon Tetrachloride	5.76	117	605	0.311	ug/l	#	62
39) Methylcyclohexane	7.21	83	13413	8.810	ug/l	#	1
40) Benzene	6.14	78	1223	0.246	ug/l	#	85
44) Trichloroethene	7.21	130	1087974	830.440	ug/l		95
49) 1,4-Dioxane	7.75	88	108	2.182	ug/l	#	1
55) 1,1,2-Trichloroethane	9.22	97	852	0.515	ug/l		92
60) Dibromochloromethane	9.33	129	1017	0.604	ug/l	#	11
64) Tetrachloroethene	9.33	164	884	0.854	ug/l	#	78
76) 1,2,3-Trichloropropane	11.13	75	60553	26.357	ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.13	75	60553	70.976	ug/l	#	8

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

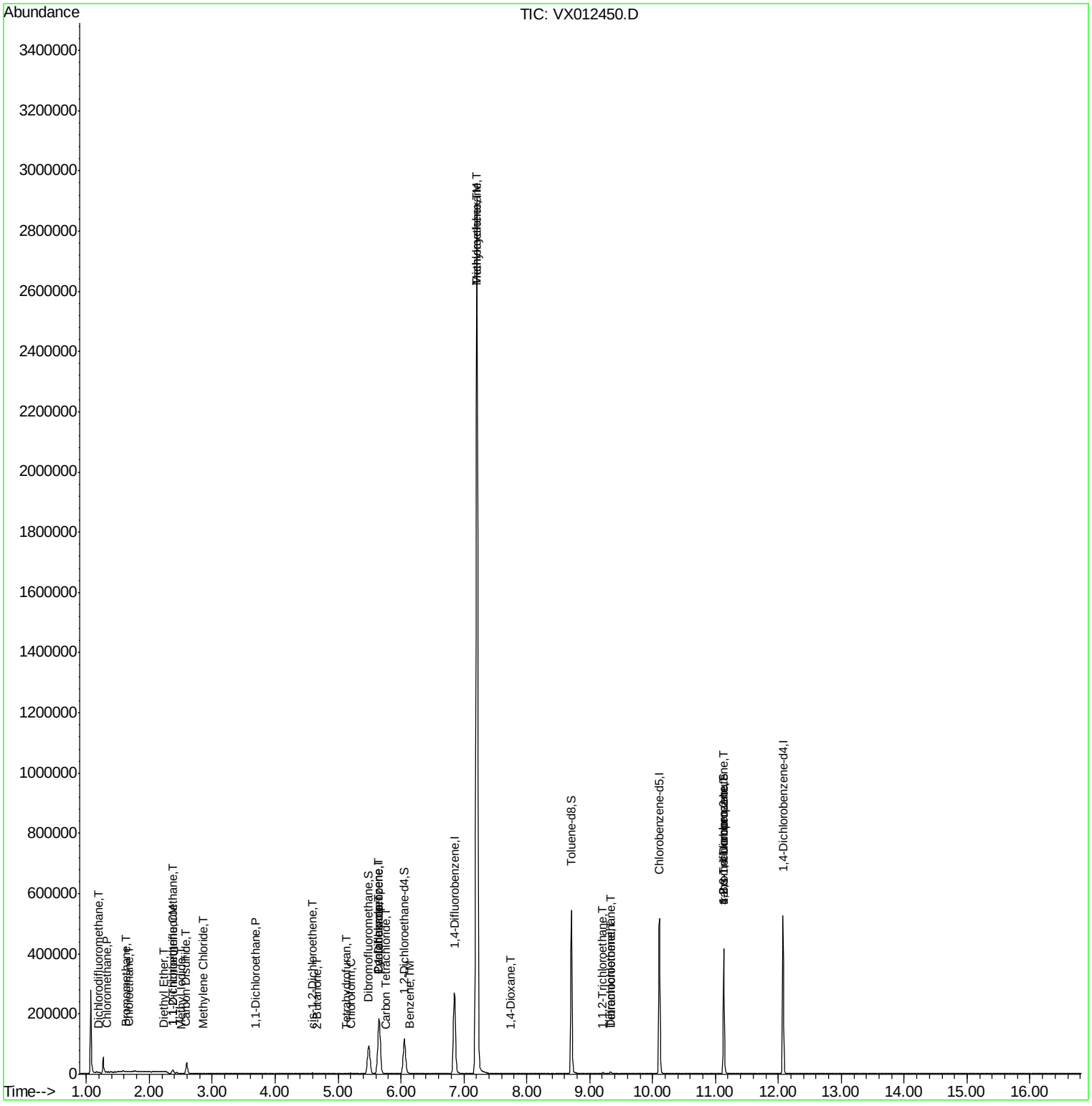
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091719\

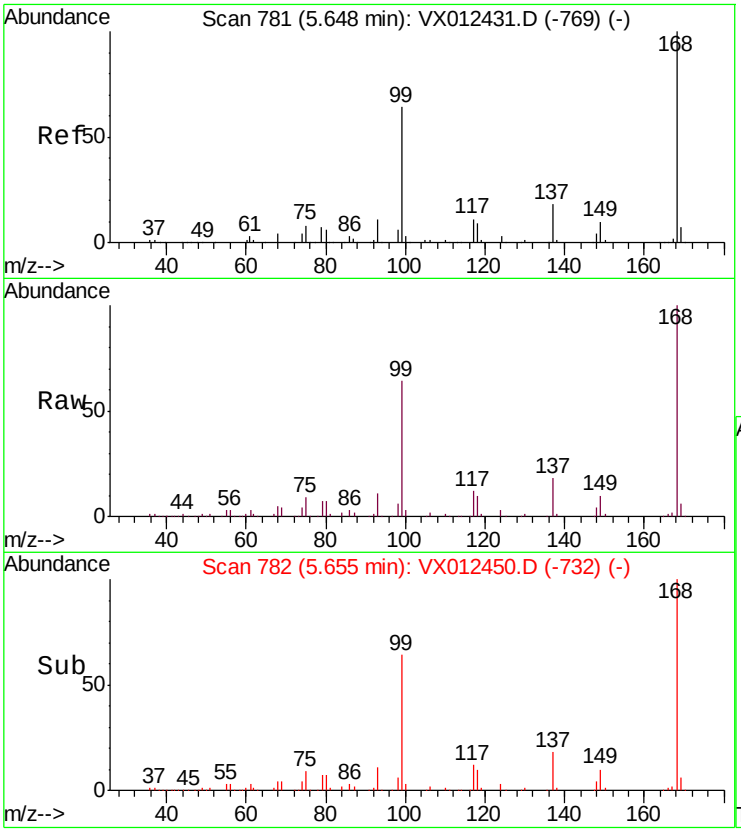
Quantitation Report (Not Reviewed)

Data File : VX012450.D
Acq On : 17 Sep 2019 22:37
Operator : JC/SP
Sample : K4858-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20190909

Quant Time: Sep 18 03:28:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration



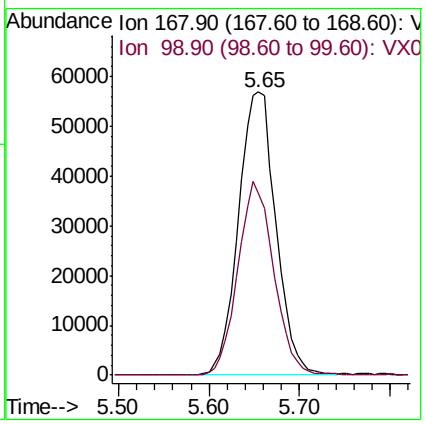


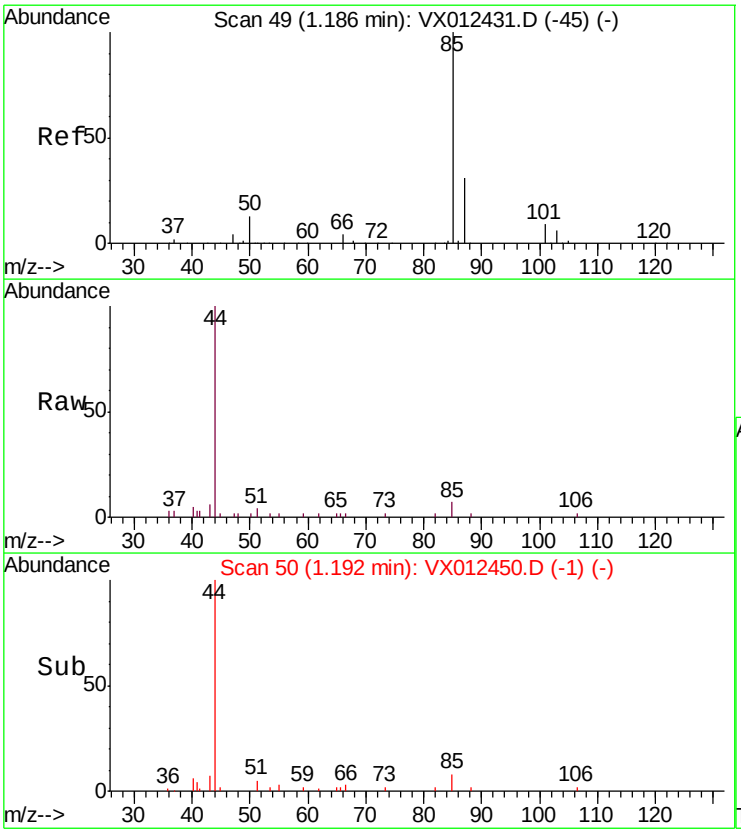
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20190909

Tgt Ion:168 Resp: 162601

Ion	Ratio	Lower	Upper
168	100		
99	64.4	51.4	77.2

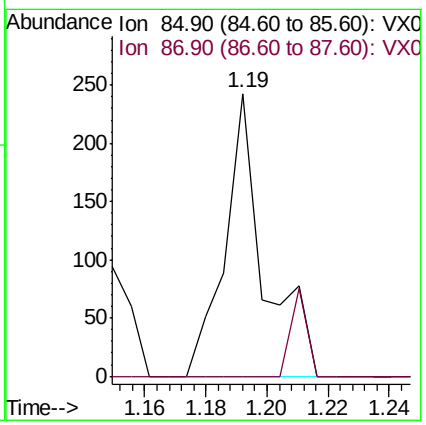


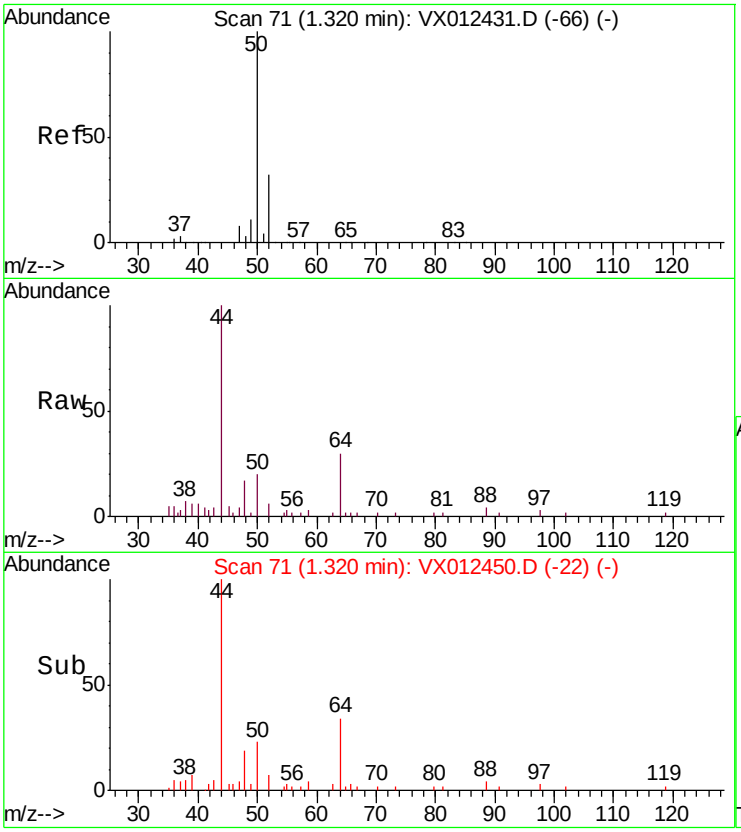


#2
Dichlorodifluoromethane
Concen: 0.588 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Tgt Ion: 85 Resp: 215

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.6	46.8#



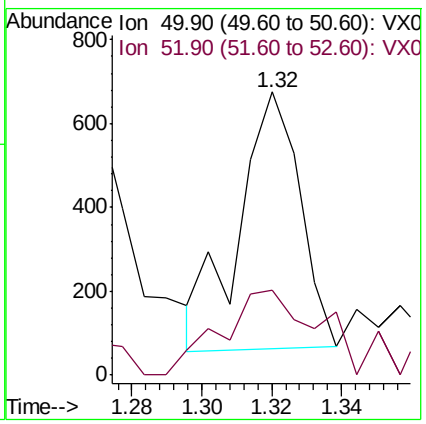


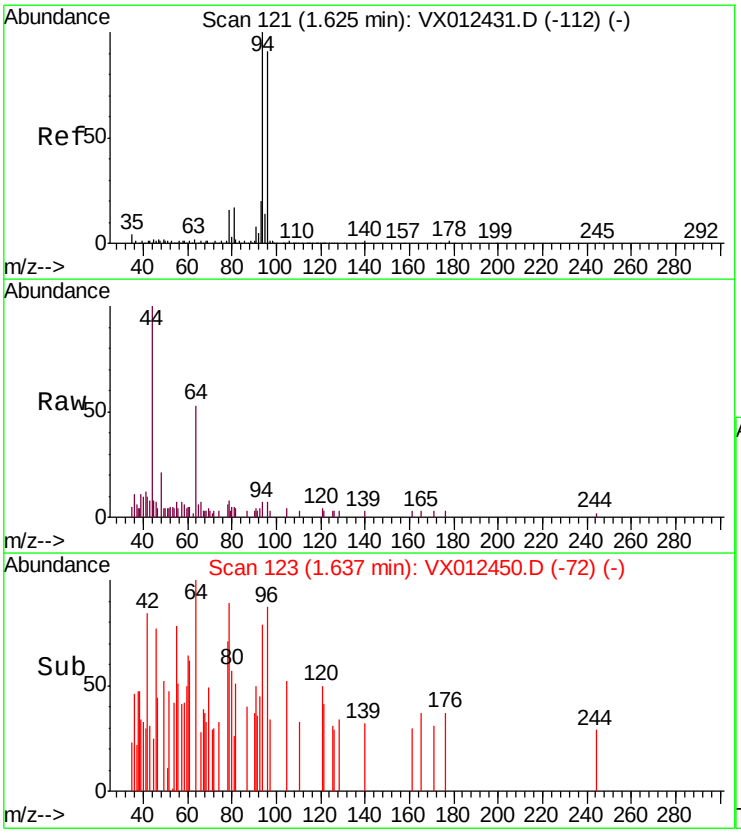
#3
Chloromethane
Concen: 0.832 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20190909

Tgt Ion: 50 Resp: 744

Ion	Ratio	Lower	Upper
50	100		
52	23.7	25.7	38.5#

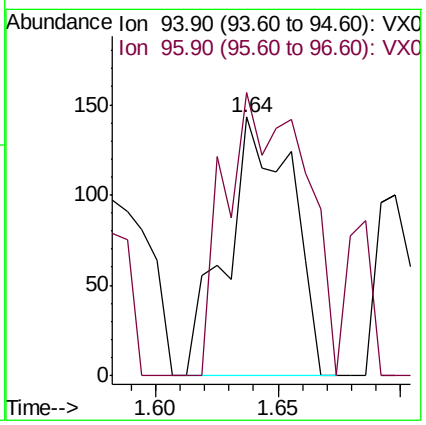


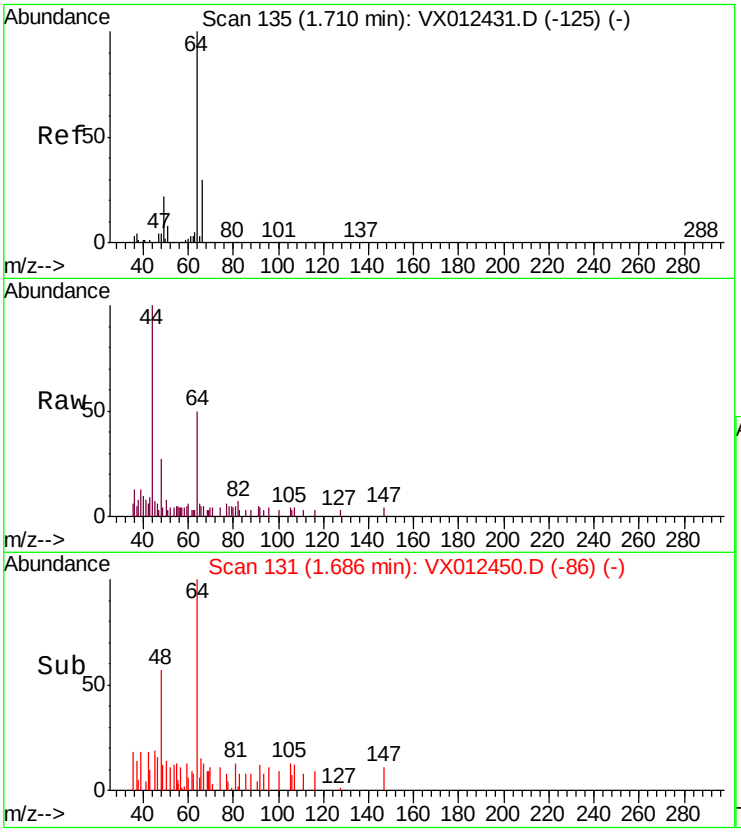


#5
Bromomethane
Concen: 0.701 ug/l
RT: 1.64 min Scan# 123
Delta R.T. 0.01 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Tgt Ion: 94 Resp: 266

Ion	Ratio	Lower	Upper
94	100		
96	109.8	72.8	109.2#



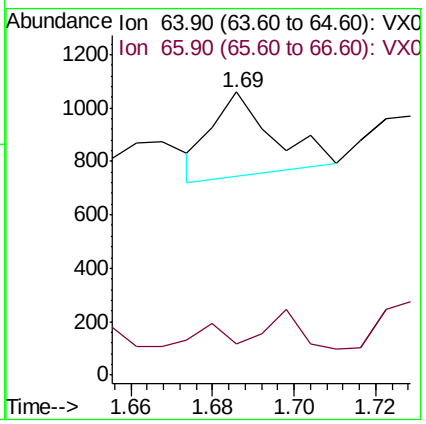


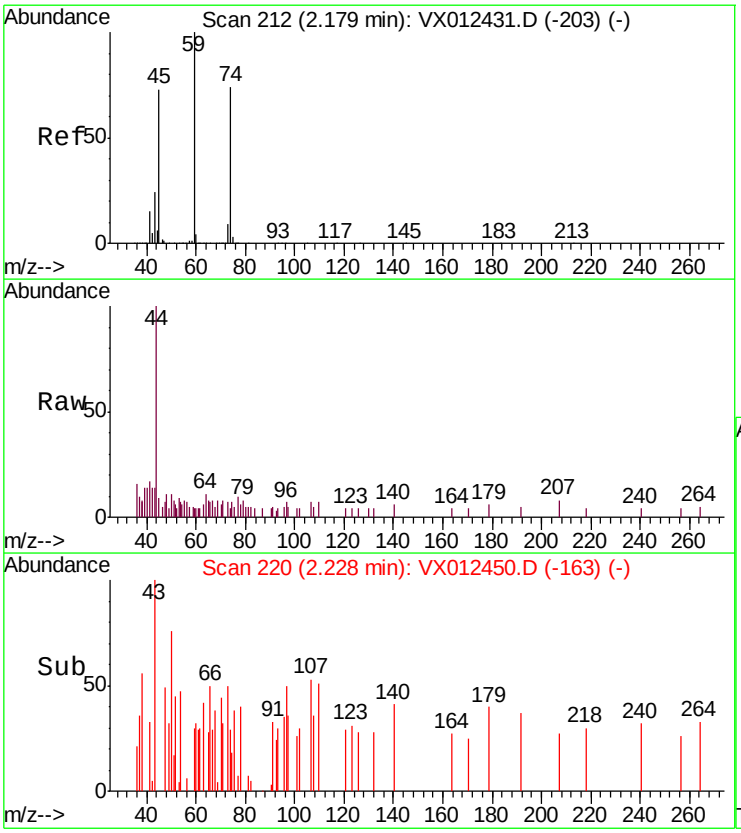
#6
Chloroethane
Concen: 0.440 ug/l
RT: 1.69 min Scan# 131
Delta R.T. -0.02 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20190909

Tgt Ion: 64 Resp: 333

Ion	Ratio	Lower	Upper
64	100		
66	6.7	24.0	36.0#

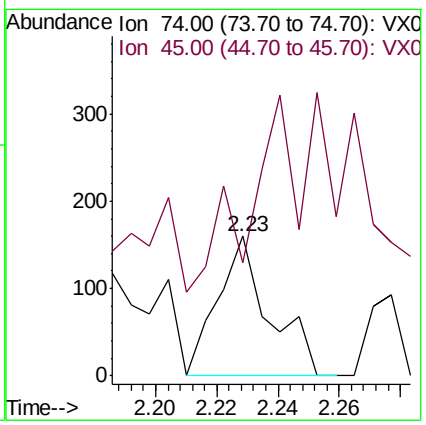


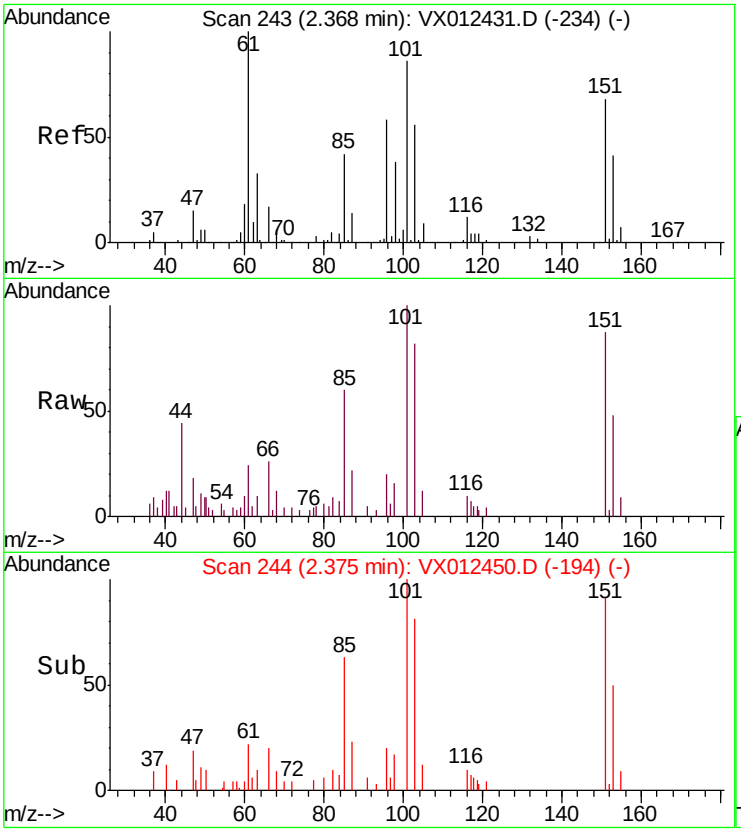


#8
Diethyl Ether
Concen: 0.231 ug/l
RT: 2.23 min Scan# 220
Delta R.T. 0.05 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Tgt Ion: 74 Resp: 185

Ion	Ratio	Lower	Upper
74	100		
45	88.6	49.9	149.7



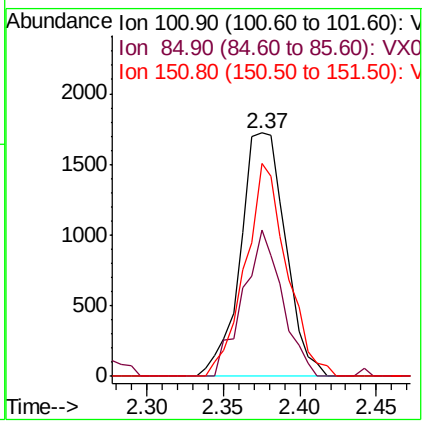


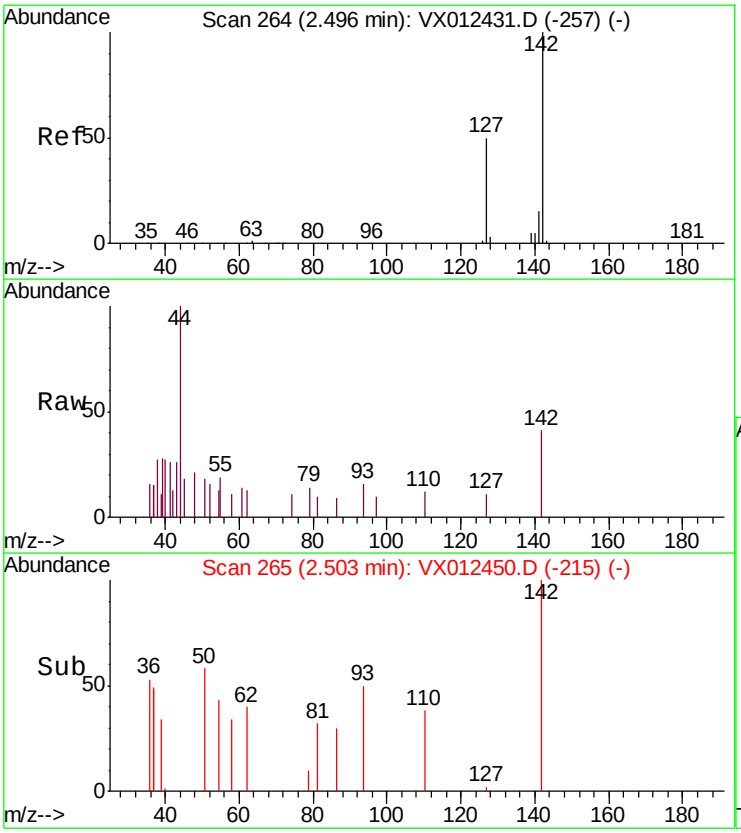
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.757 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20190909

Tgt Ion:101 Resp: 3533

Ion	Ratio	Lower	Upper
101	100		
85	52.0	37.3	55.9
151	80.8	61.0	91.4

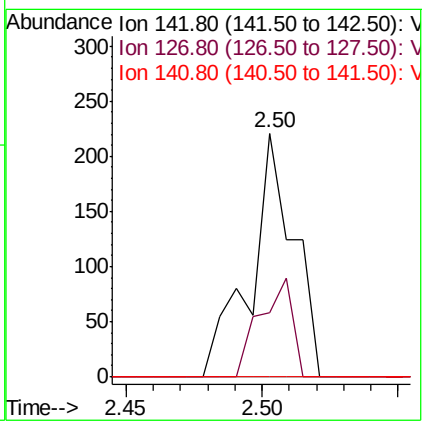


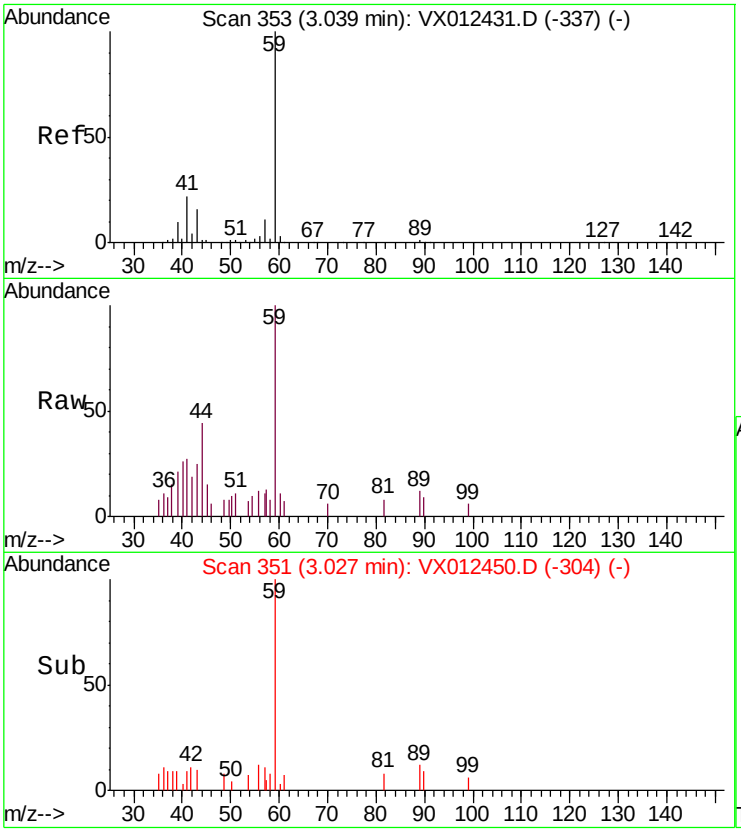


#10
Methyl Iodide
Concen: 4.642 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Tgt Ion:142 Resp: 241

Ion	Ratio	Lower	Upper
142	100		
127	30.7	40.8	61.2#
141	0.0	12.1	18.1#



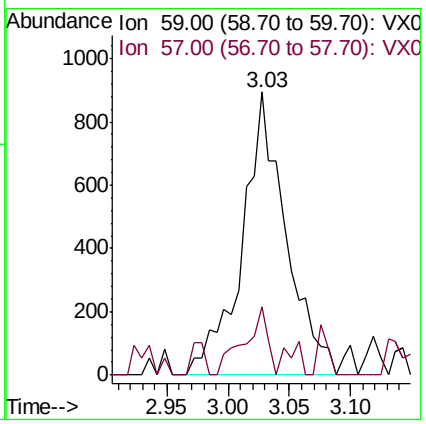


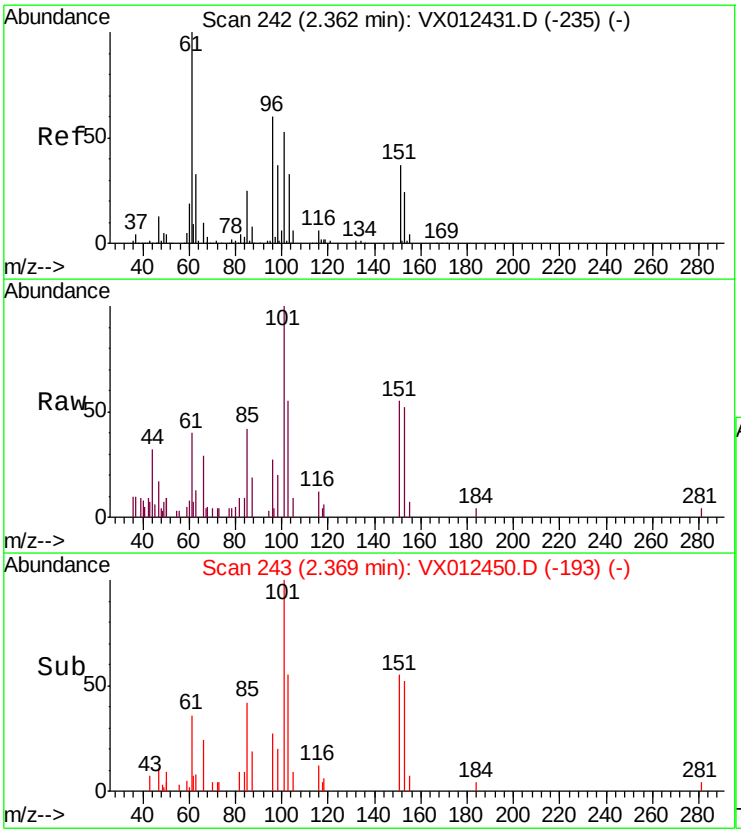
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20190909

Tgt Ion: 59 Resp: 2242

Ion	Ratio	Lower	Upper
59	100		
57	12.9	8.3	12.5#

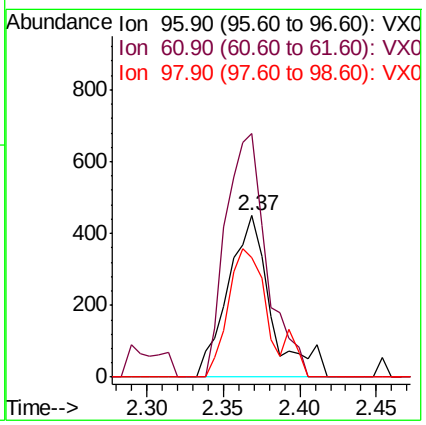


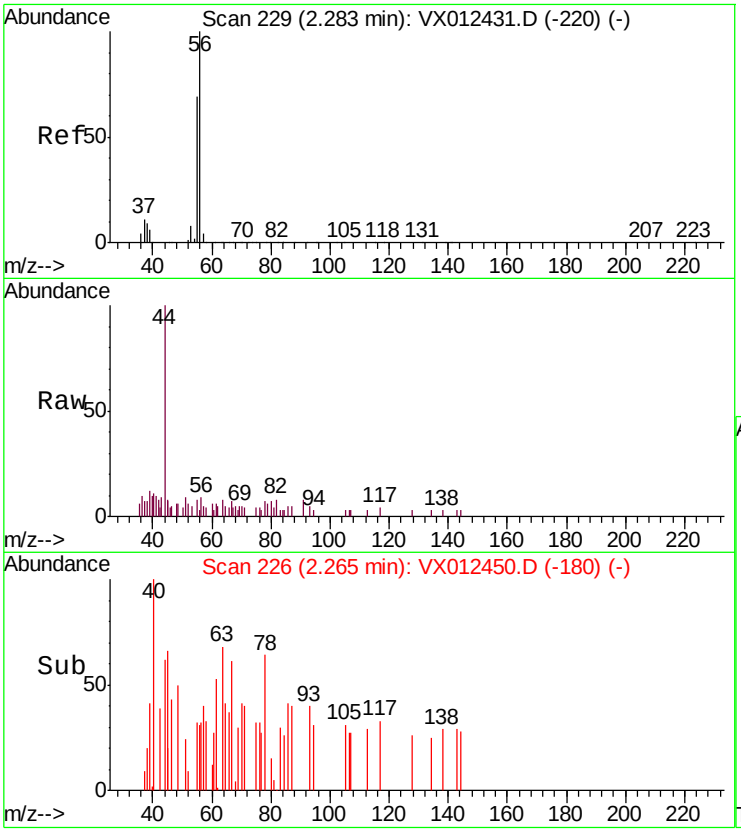


#12
1,1-Dichloroethene
Concen: 0.851 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Tgt Ion: 96 Resp: 870

Ion	Ratio	Lower	Upper
96	100		
61	150.7	133.8	200.6
98	74.0	49.9	74.9



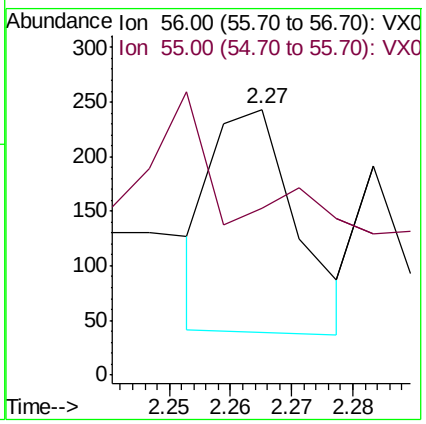


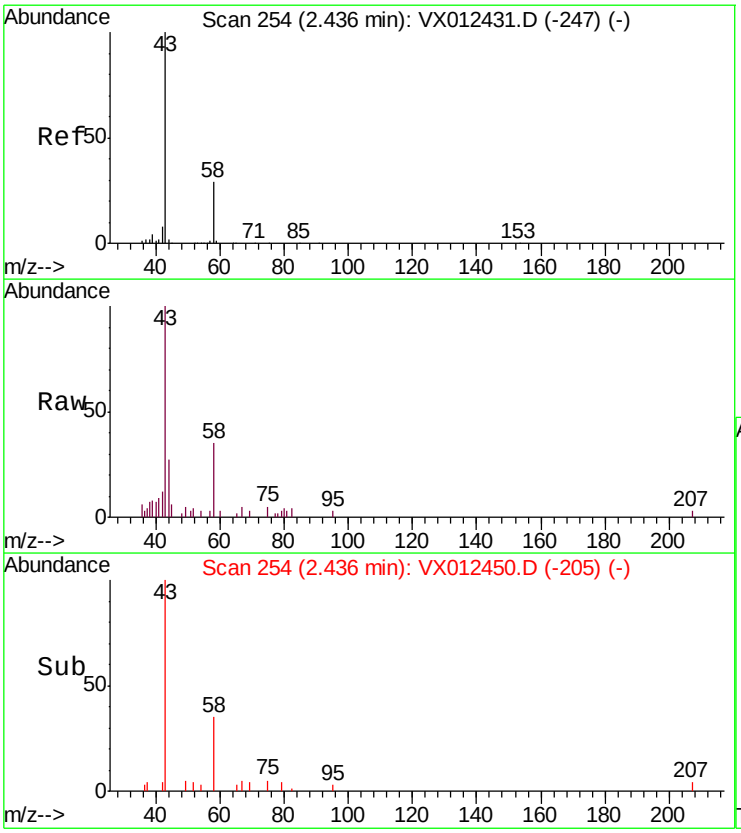
#13
Acrolein
Concen: Below Cal
RT: 2.27 min Scan# 226
Delta R.T. -0.02 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20190909

Tgt Ion: 56 Resp: 193

Ion	Ratio	Lower	Upper
56	100		
55	36.8	55.8	83.8#

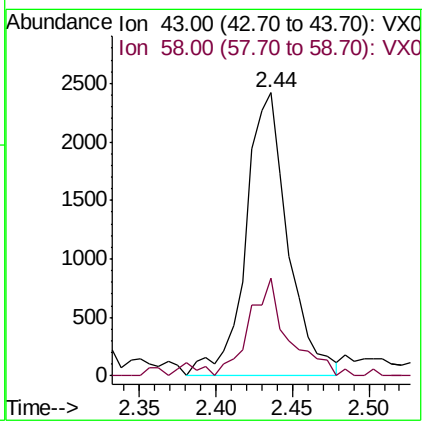


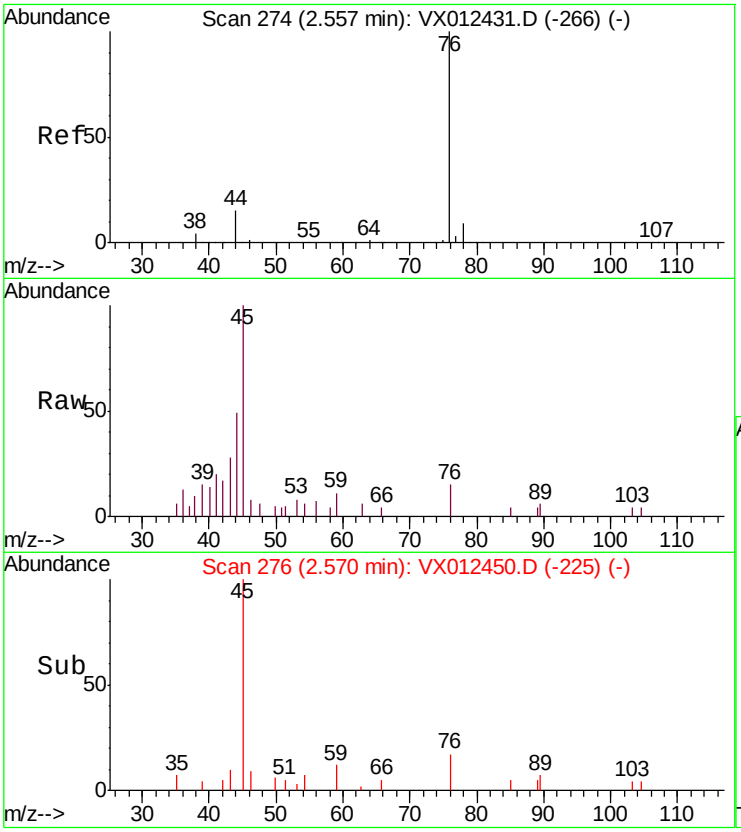


#16
Acetone
Concen: Below Cal
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Tgt Ion: 43 Resp: 4639

Ion	Ratio	Lower	Upper
43	100		
58	34.6	23.3	34.9



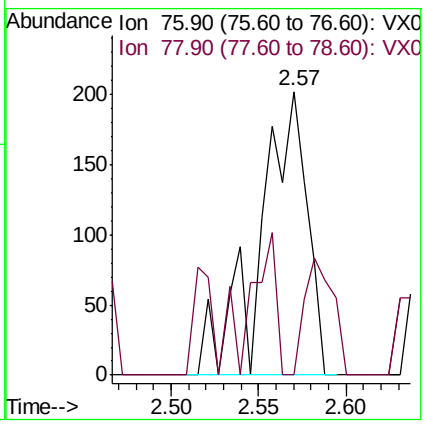


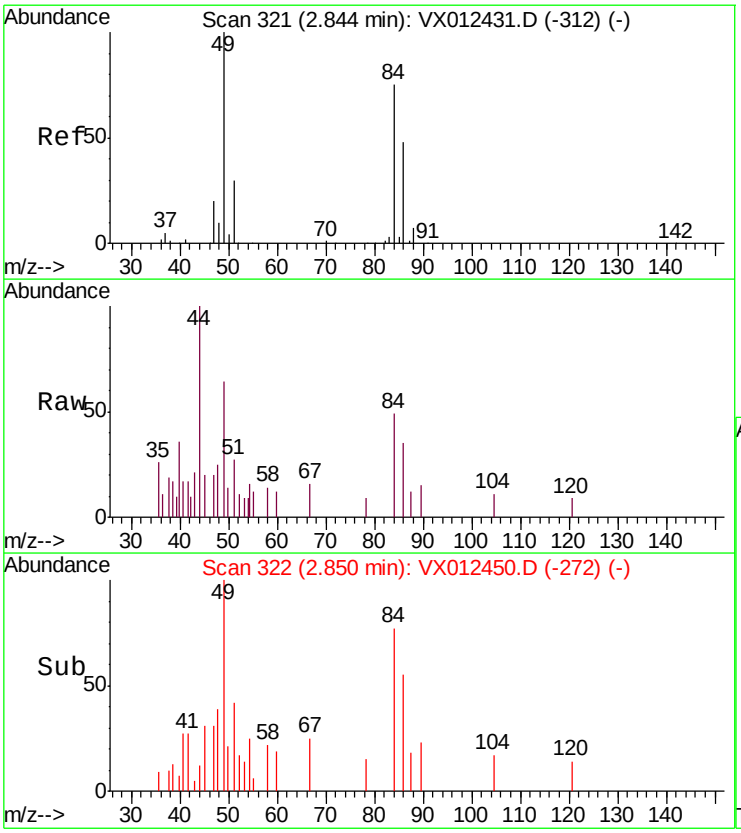
#17
Carbon Disulfide
Concen: 2.062 ug/l
RT: 2.57 min Scan# 276
Delta R.T. 0.01 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Instrument : MSVOA_X
ClientSampleId : RE103D2-20190909

Tgt Ion: 76 Resp: 384

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#

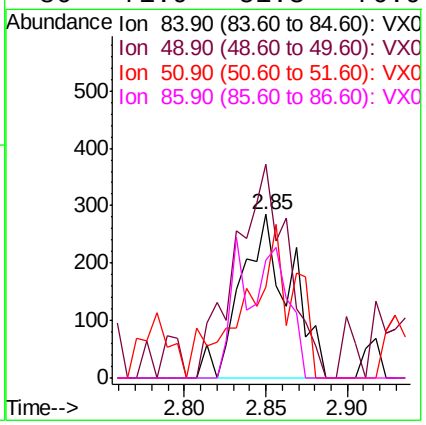


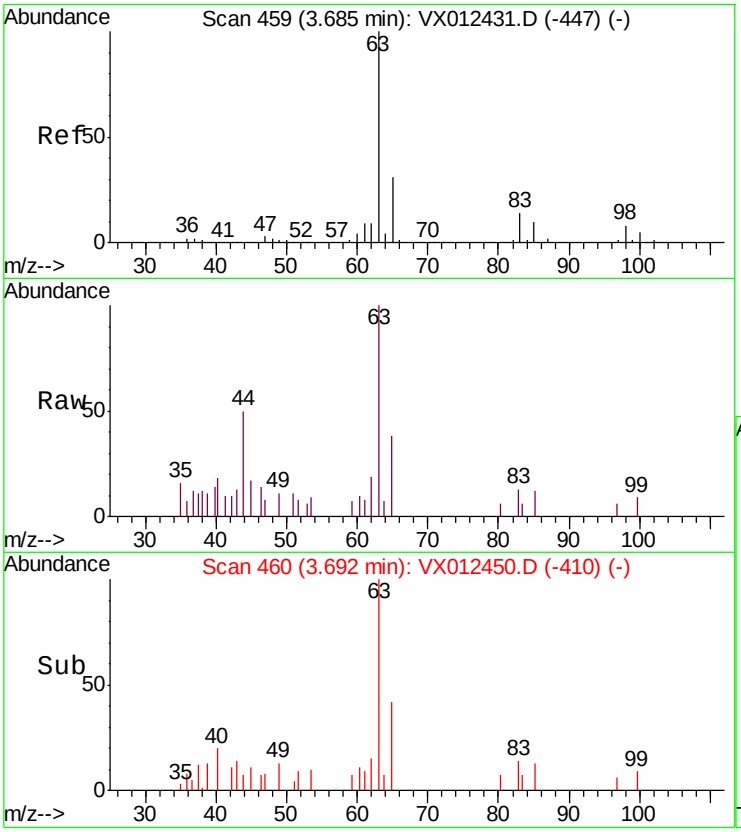


#20
Methylene Chloride
Concen: 0.424 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Tgt Ion: 84 Resp: 598

Ion	Ratio	Lower	Upper
84	100		
49	130.5	106.8	160.2
51	55.4	32.3	48.5#
86	71.9	51.3	76.9



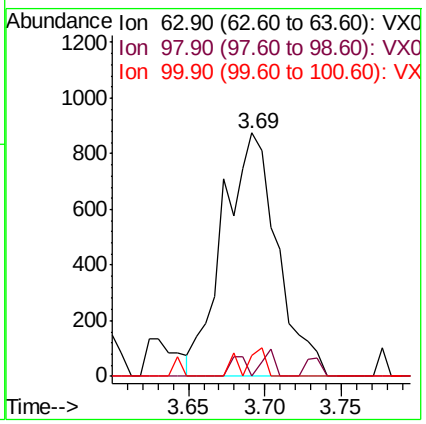


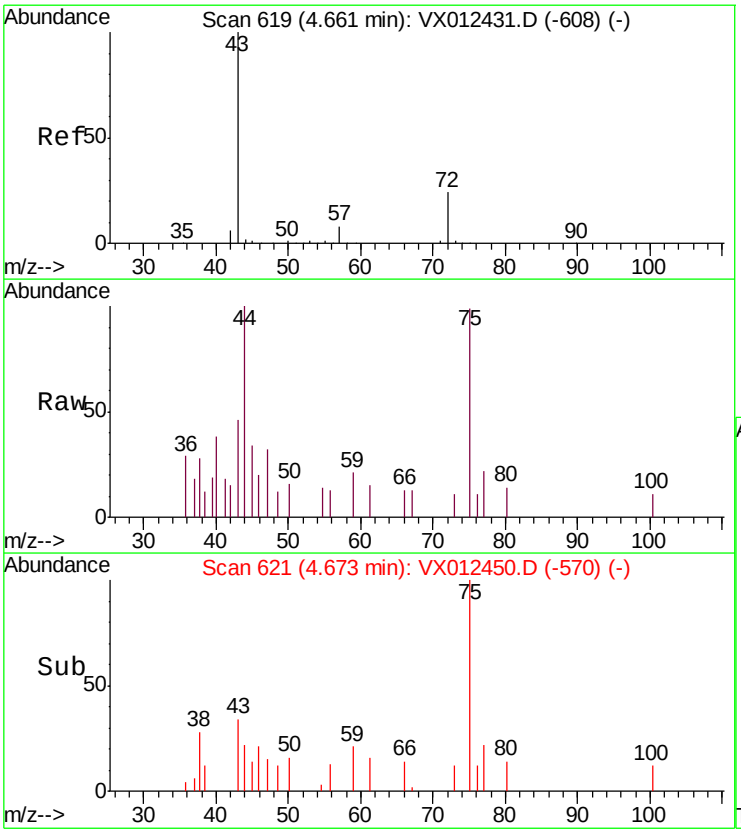
#24
1,1-Dichloroethane
Concen: 0.809 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.01 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20190909

Tgt Ion: 63 Resp: 2156

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.9	11.7#
100	9.3	2.3	6.9#

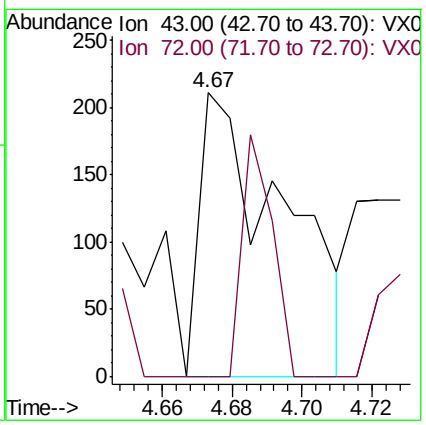


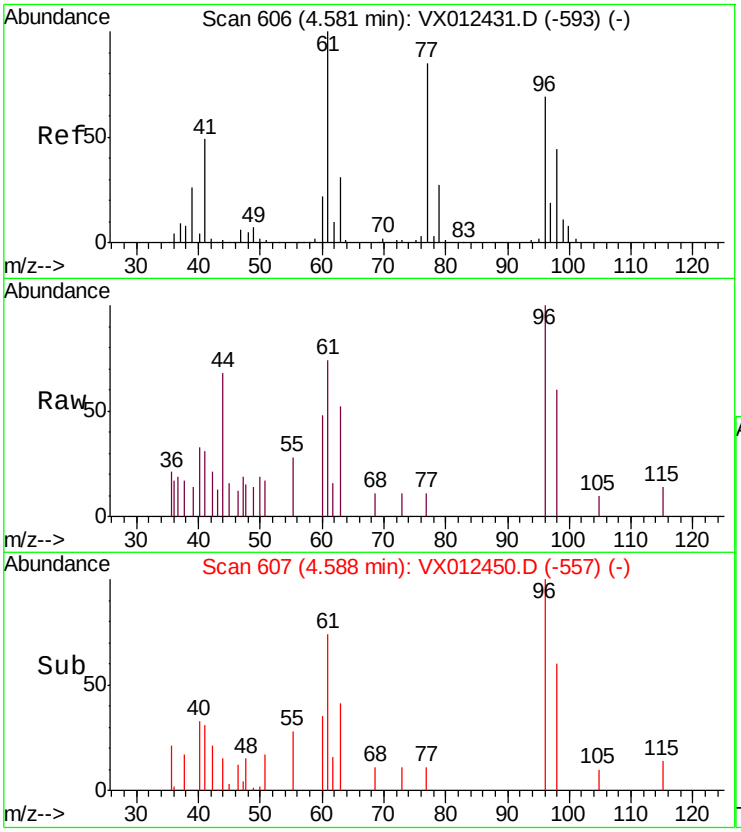


#25
2-Butanone
Concen: 0.218 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.01 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Tgt Ion: 43 Resp: 353

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.2	28.8#



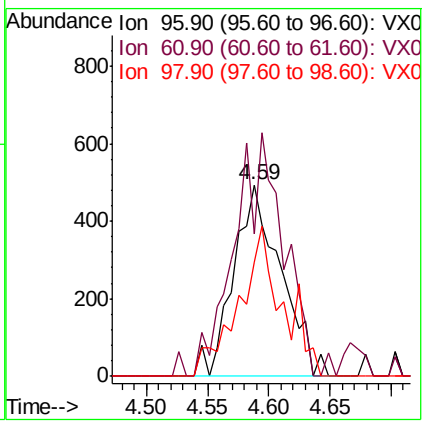


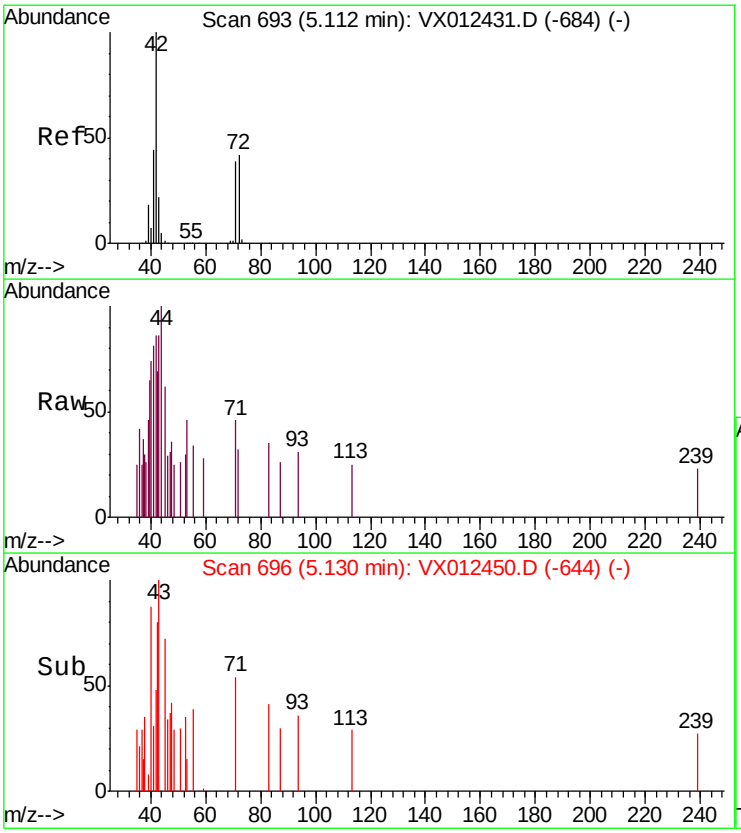
#27
cis-1,2-Dichloroethene
Concen: 0.837 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20190909

Tgt Ion: 96 Resp: 1328

Ion	Ratio	Lower	Upper
96	100		
61	60.8	0.0	319.4
98	72.7	0.0	130.6

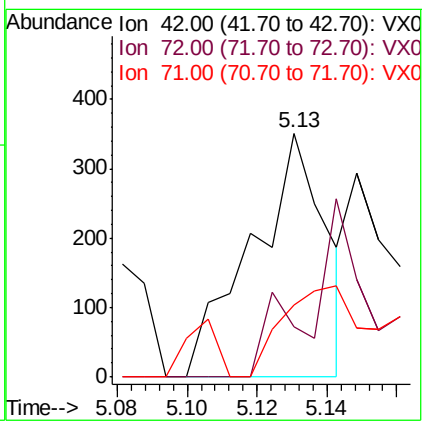


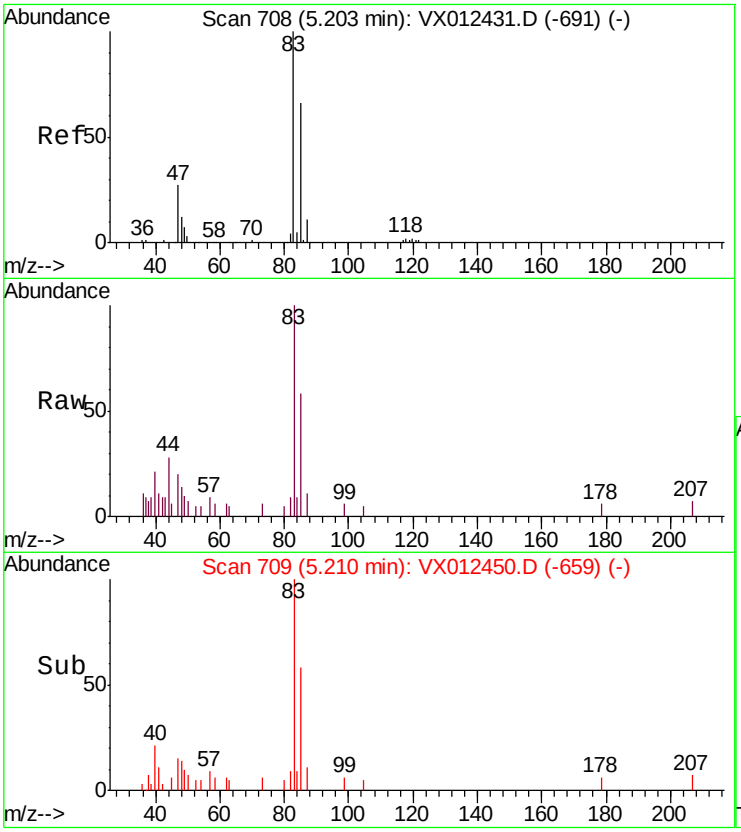


#29
Tetrahydrofuran
Concen: 0.577 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Tgt Ion: 42 Resp: 515

Ion	Ratio	Lower	Upper
42	100		
72	50.5	34.0	51.0
71	52.2	31.5	47.3#



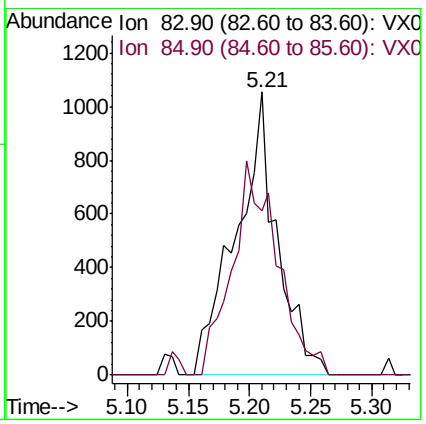


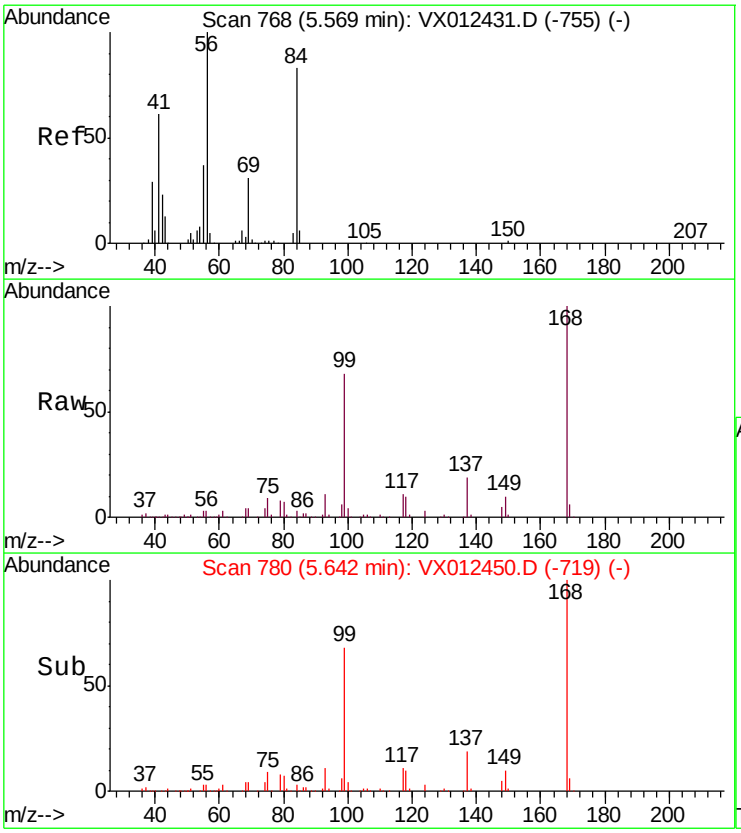
#30
Chloroform
Concen: 0.807 ug/l
RT: 5.21 min Scan# 709
Delta R.T. 0.01 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20190909

Tgt Ion: 83 Resp: 2470

Ion	Ratio	Lower	Upper
83	100		
85	58.1	53.0	79.4

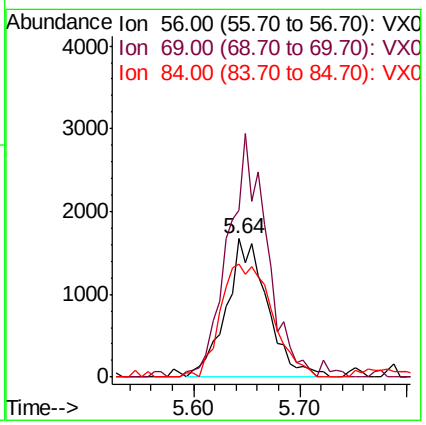


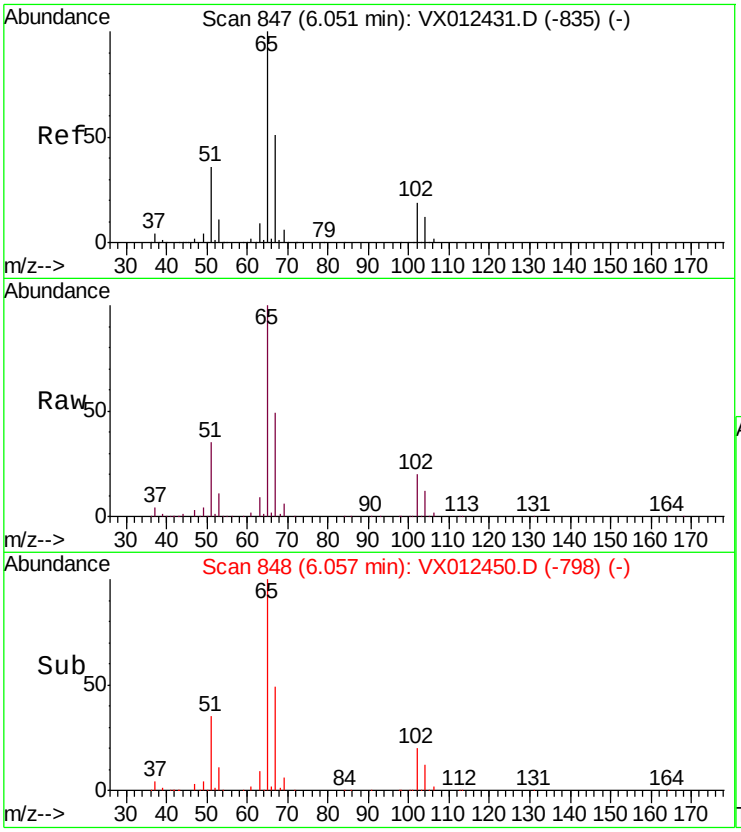


#31
Cyclohexane
Concen: 2.809 ug/l
RT: 5.64 min Scan# 780
Delta R.T. 0.07 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Tgt Ion: 56 Resp: 4521

Ion	Ratio	Lower	Upper
56	100		
69	116.5	25.0	37.6#
84	81.8	66.4	99.6



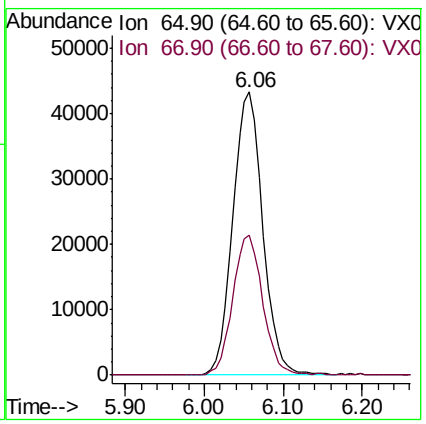


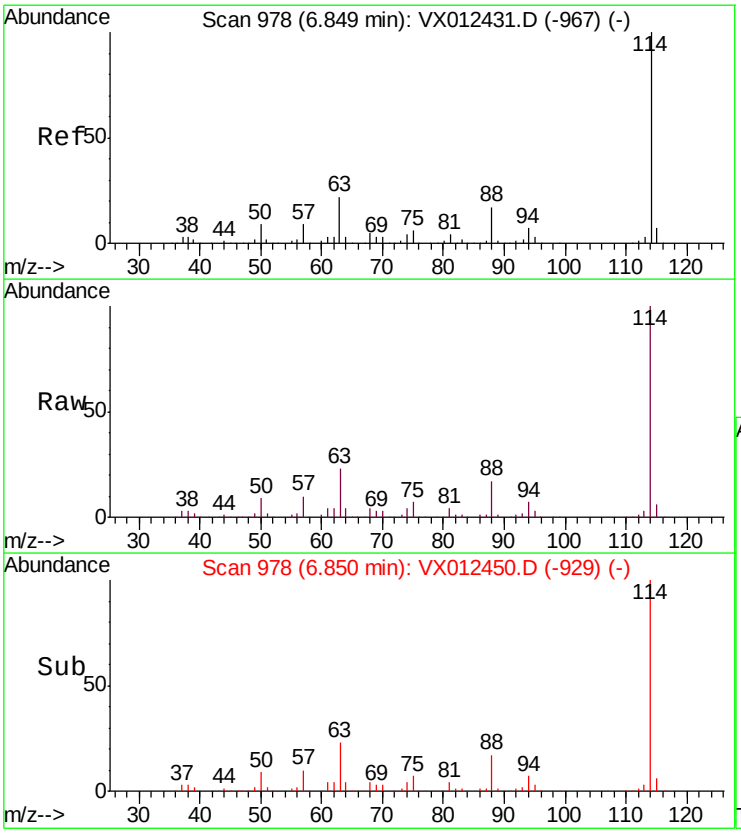
#33
1,2-Dichloroethane-d4
Concen: 49.069 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20190909

Tgt Ion: 65 Resp: 114350

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	101.2

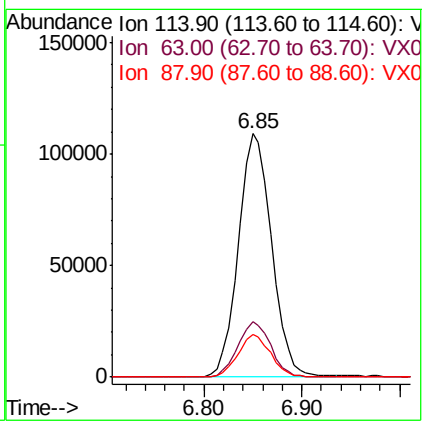


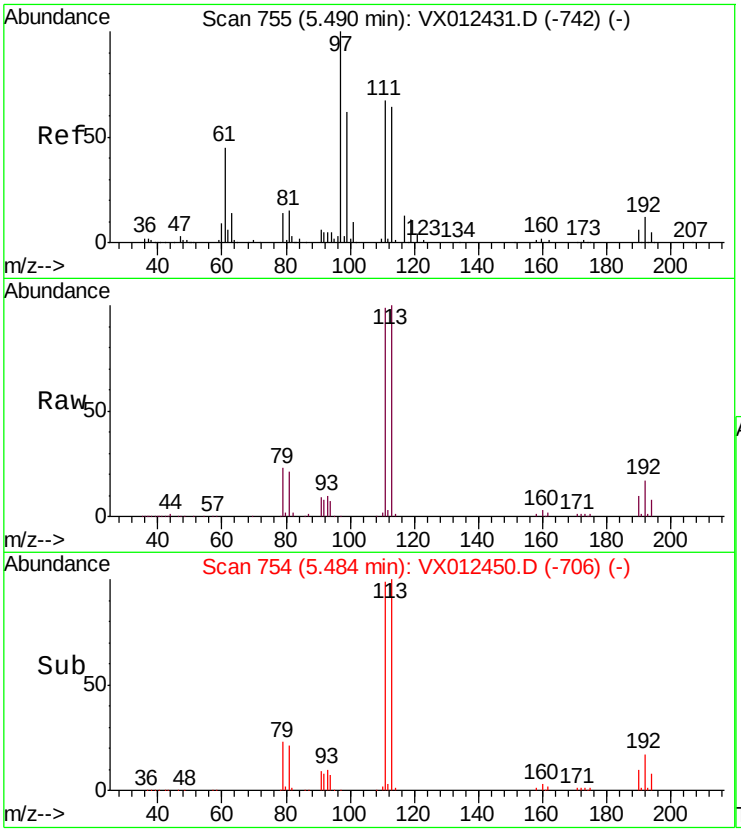


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Tgt Ion:114 Resp: 257703

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	43.2
88	17.3	0.0	33.2



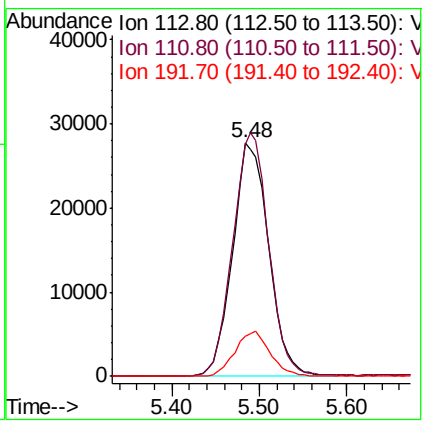


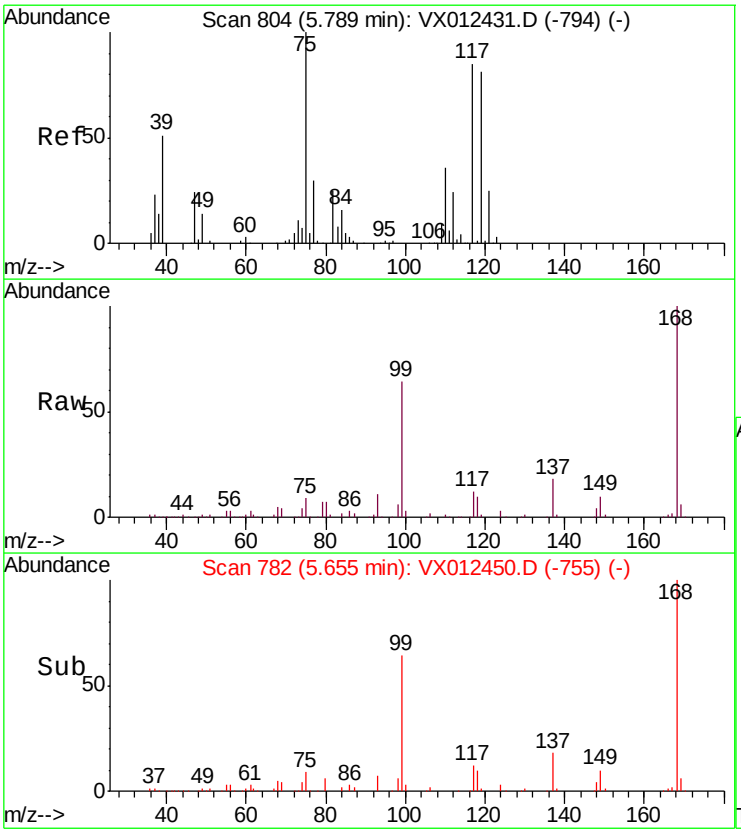
#35
Dibromofluoromethane
Concen: 51.100 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20190909

Tgt Ion:113 Resp: 79704

Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.4	125.2
192	18.7	14.4	21.6

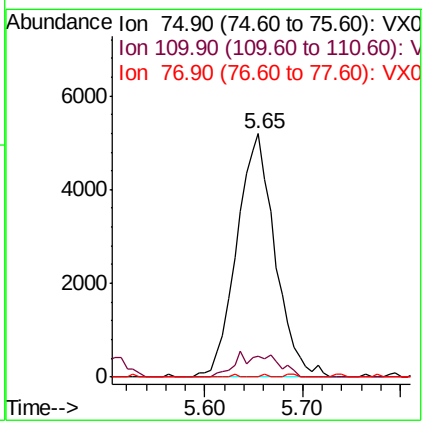


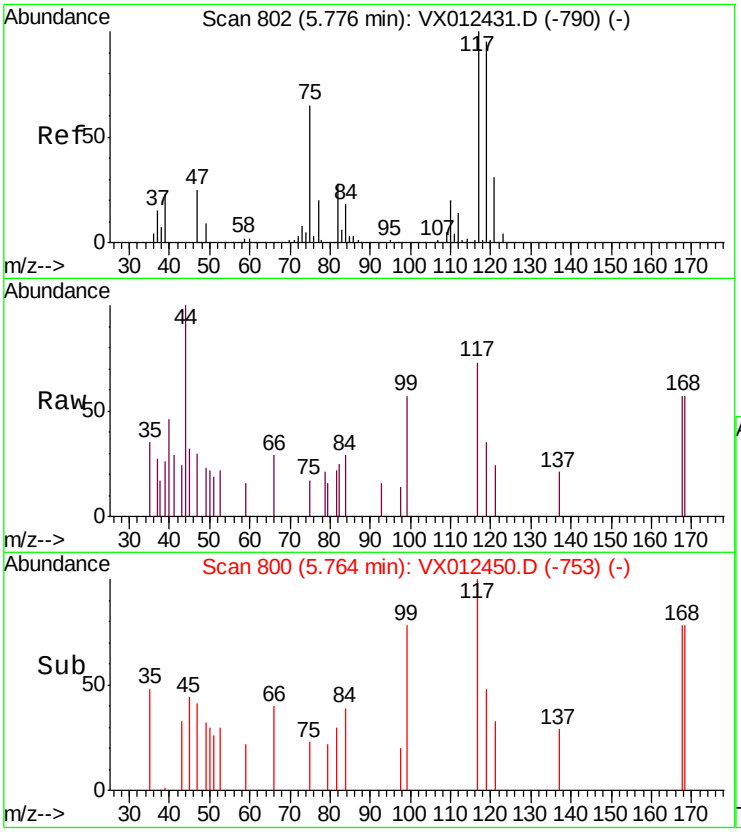


#36
1,1-Dichloropropene
Concen: 9.026 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Tgt Ion: 75 Resp: 14137

Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.7	50.0#
77	0.2	24.2	36.2#



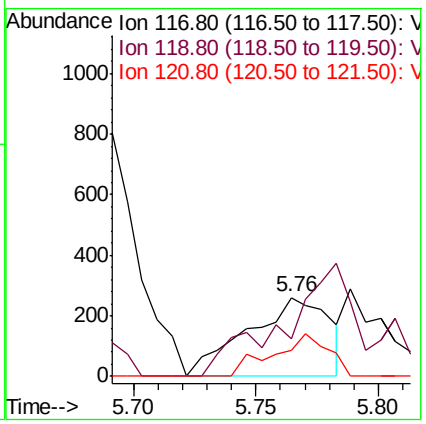


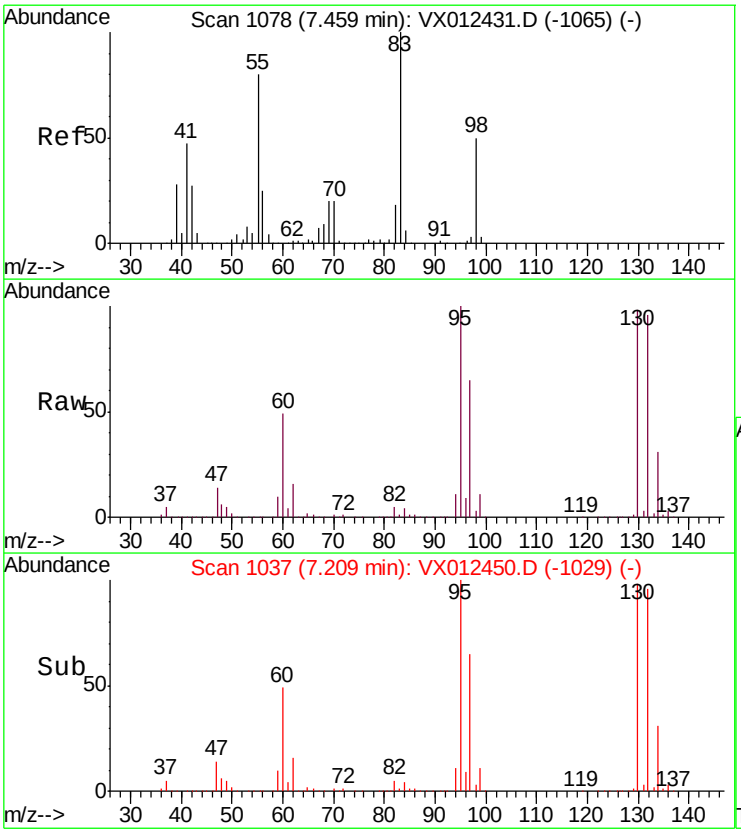
#38
Carbon Tetrachloride
Concen: 0.311 ug/l
RT: 5.76 min Scan# 800
Delta R.T. -0.01 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20190909

Tgt Ion:117 Resp: 605

Ion	Ratio	Lower	Upper
117	100		
119	47.7	75.7	113.5#
121	33.5	24.2	36.4

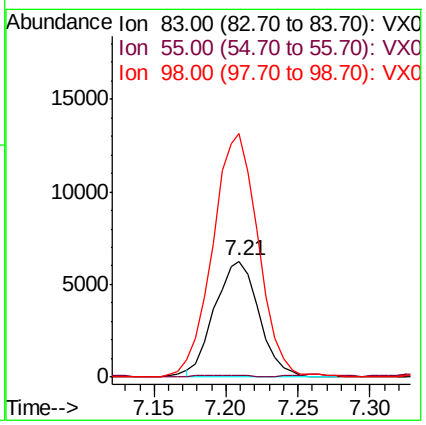


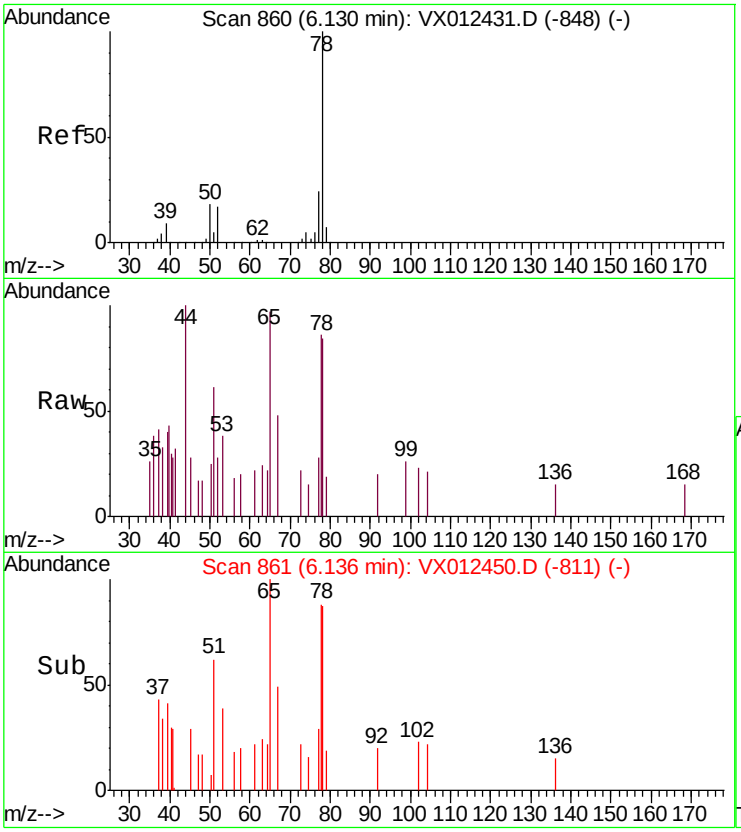


#39
Methylcyclohexane
Concen: 8.810 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.25 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Tgt Ion: 83 Resp: 13413

Ion	Ratio	Lower	Upper
83	100		
55	1.2	64.4	96.6#
98	208.9	40.1	60.1#



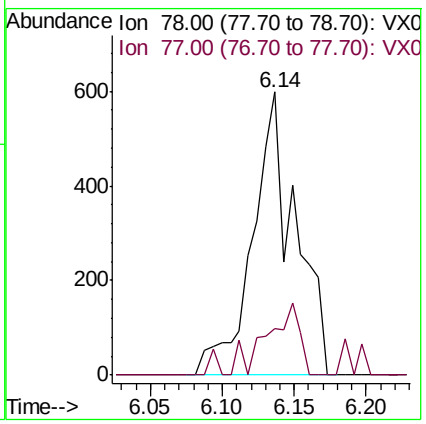


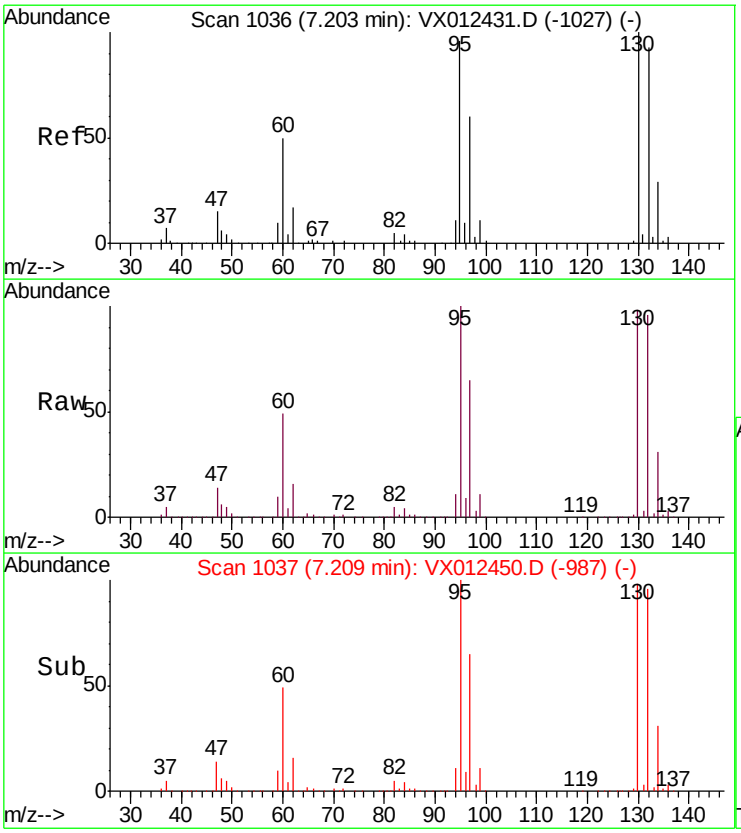
#40
Benzene
Concen: 0.246 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20190909

Tgt Ion: 78 Resp: 1223

Ion	Ratio	Lower	Upper
78	100		
77	16.4	19.2	28.8#

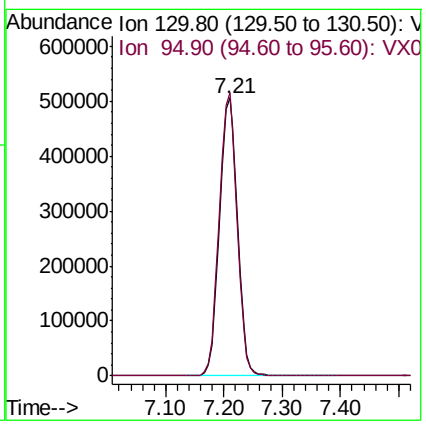


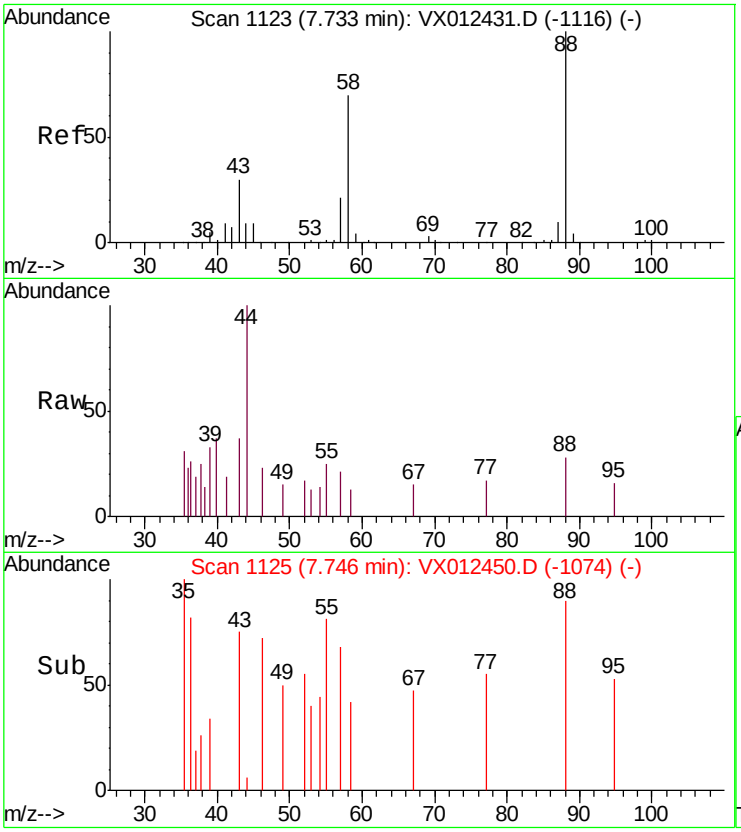


#44
Trichloroethene
Concen: 830.440 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Tgt Ion:130 Resp: 1087974

Ion	Ratio	Lower	Upper
130	100		
95	101.8	0.0	193.0



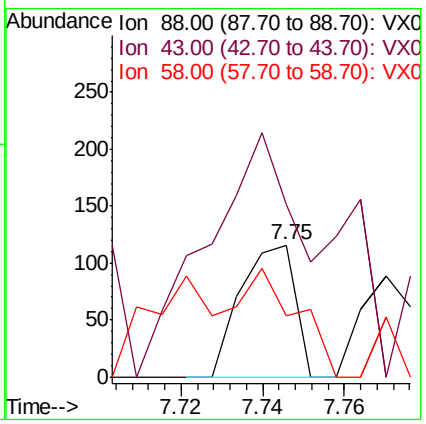


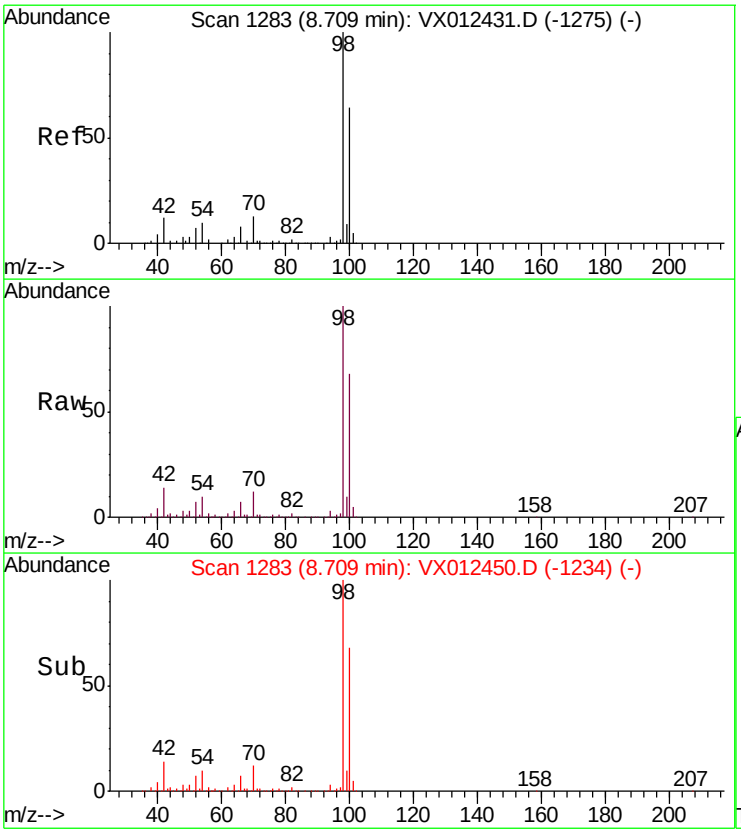
#49
1,4-Dioxane
Concen: 2.182 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20190909

Tgt Ion: 88 Resp: 108

Ion	Ratio	Lower	Upper
88	100		
43	401.9	29.4	44.0#
58	0.0	57.5	86.3#

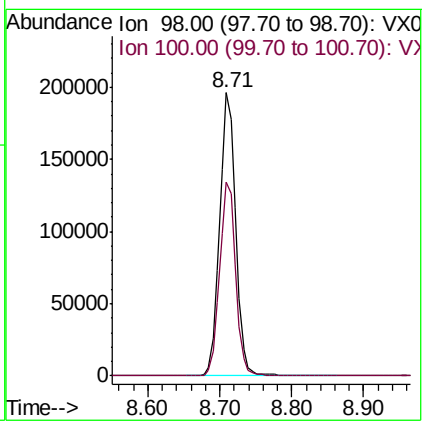


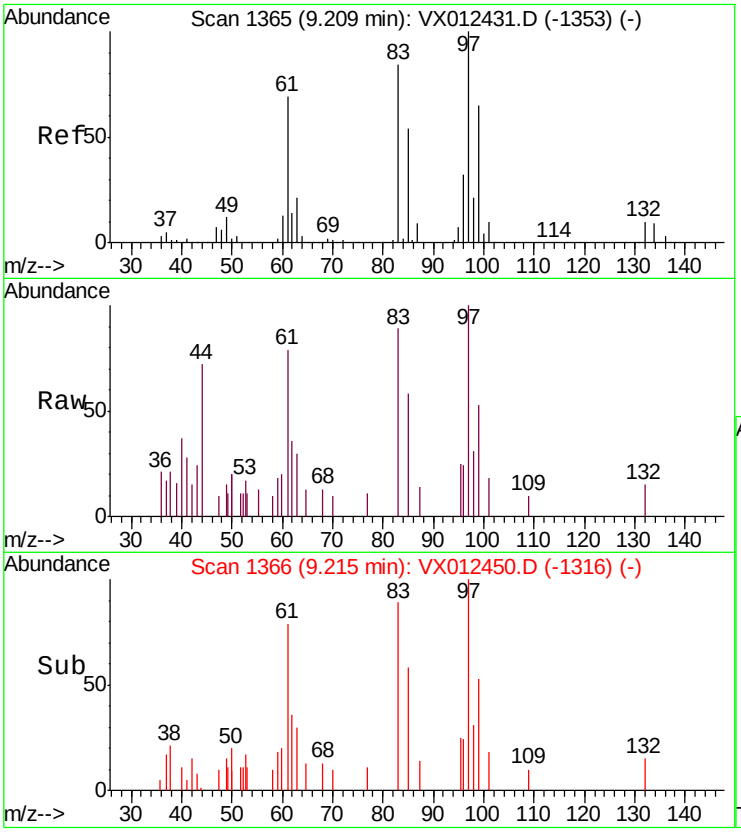


#50
Toluene-d8
Concen: 52.559 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Tgt Ion: 98 Resp: 303446

Ion	Ratio	Lower	Upper
98	100		
100	68.0	53.4	80.2



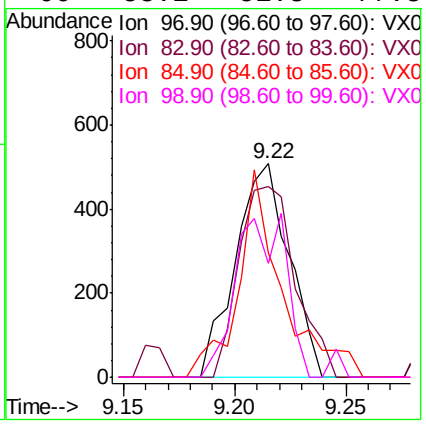


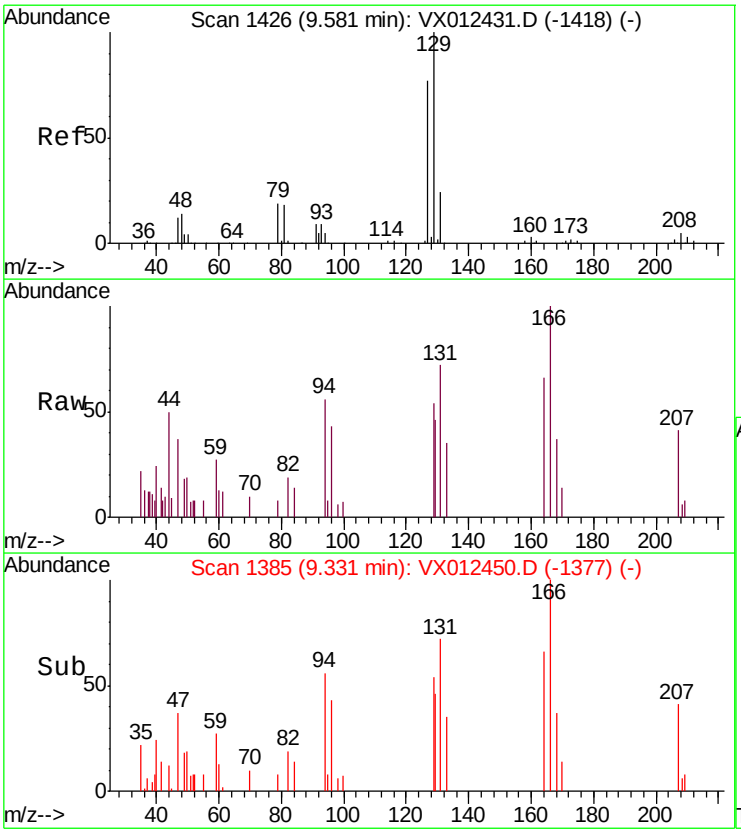
#55
1,1,2-Trichloroethane
Concen: 0.515 ug/l
RT: 9.22 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20190909

Tgt Ion: 97 Resp: 852

Ion	Ratio	Lower	Upper
97	100		
83	89.4	67.4	101.2
85	58.1	43.5	65.3
99	53.1	51.8	77.8

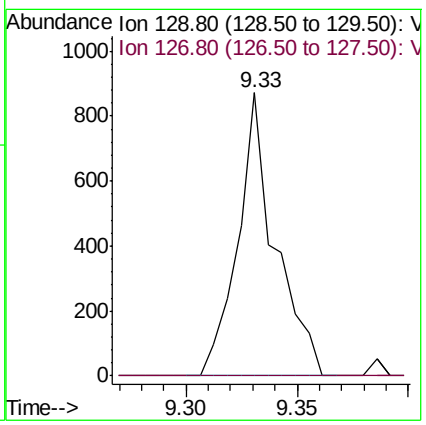


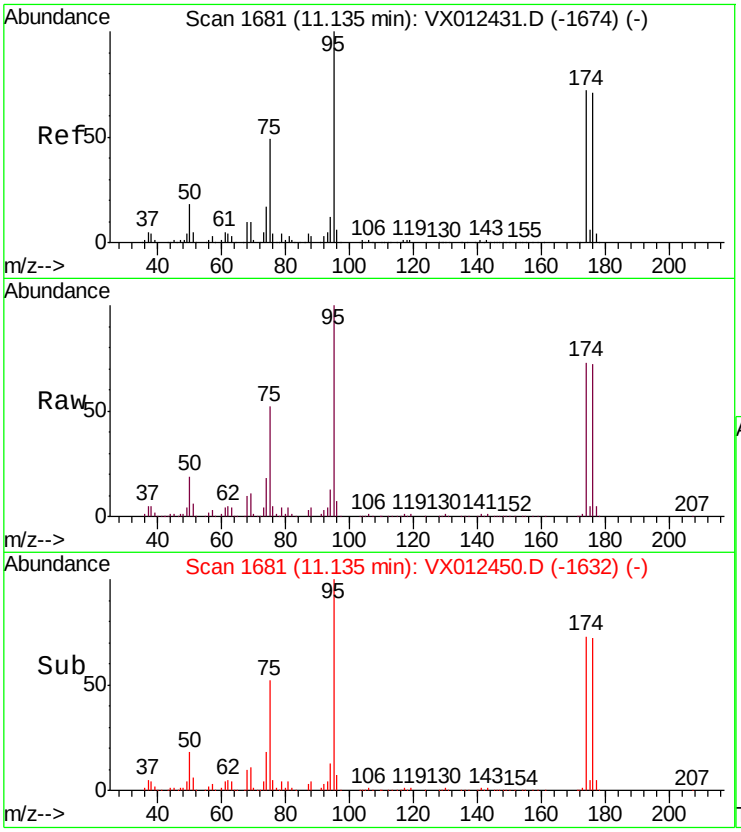


#60
Dibromochloromethane
Concen: 0.604 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.25 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Tgt Ion:129 Resp: 1017

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.9	116.6#



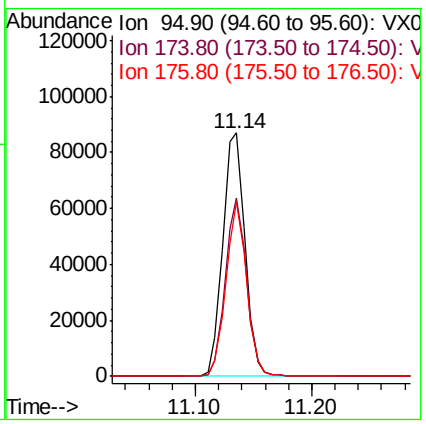


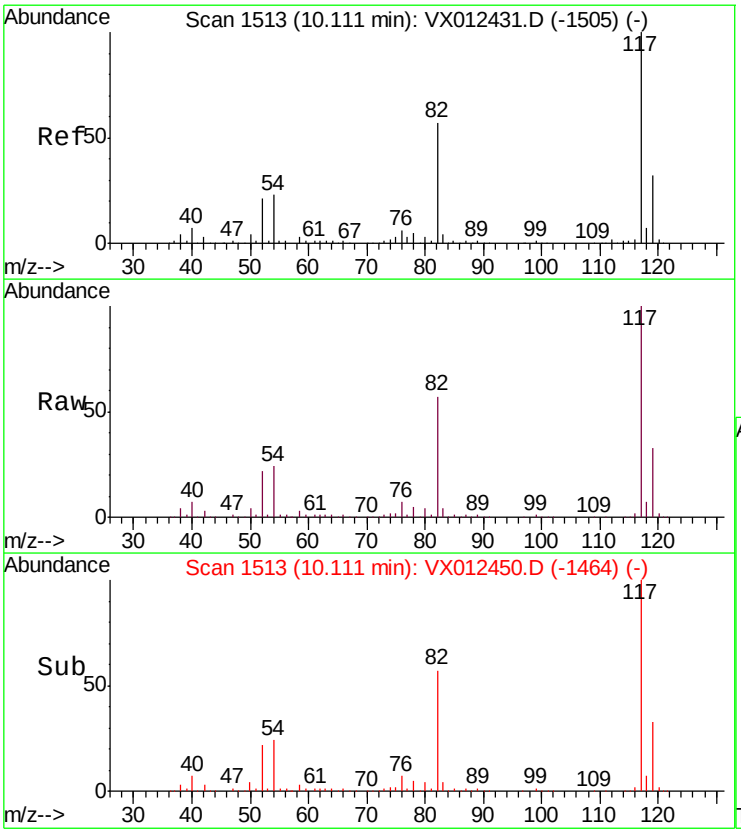
#62
4-Bromofluorobenzene
Concen: 48.111 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20190909

Tgt Ion: 95 Resp: 115329

Ion	Ratio	Lower	Upper
95	100		
174	70.2	0.0	140.0
176	67.0	0.0	135.4

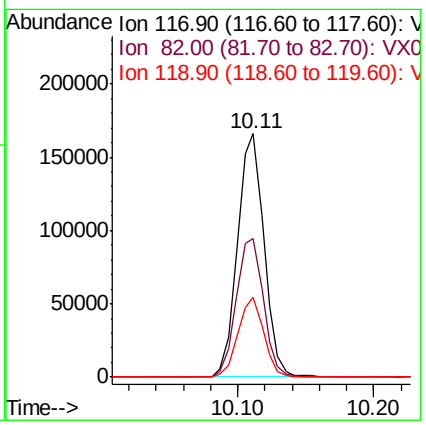


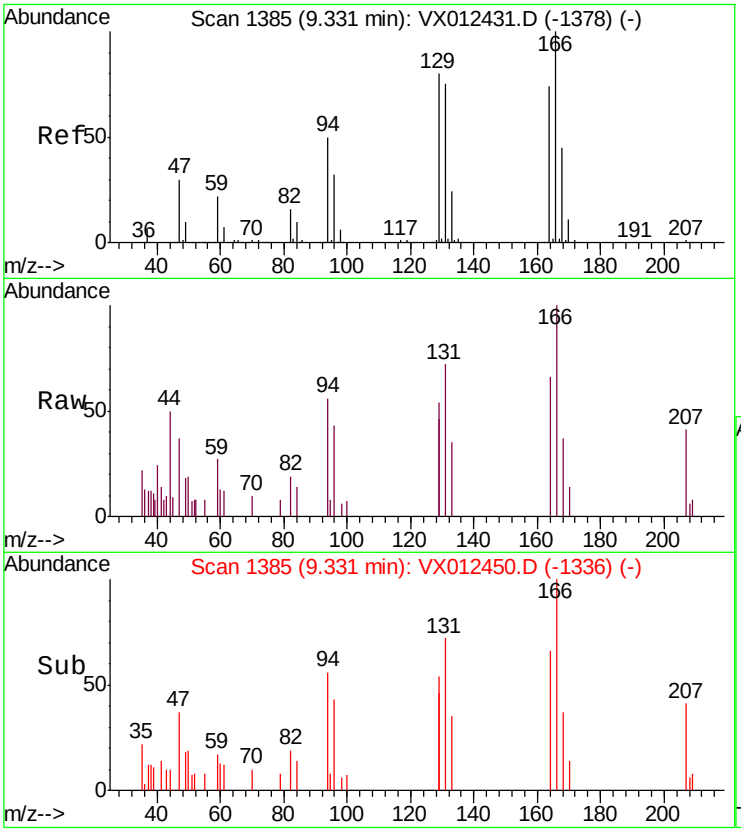


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Tgt Ion:117 Resp: 225806

Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.9	68.9
119	32.8	25.3	37.9



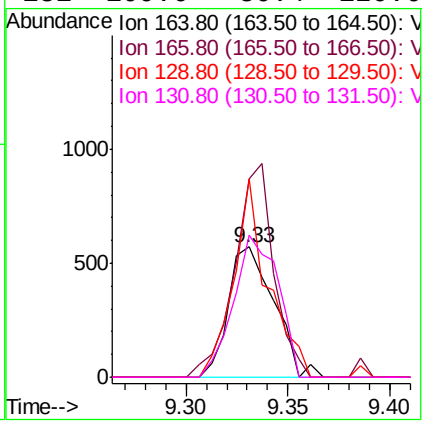


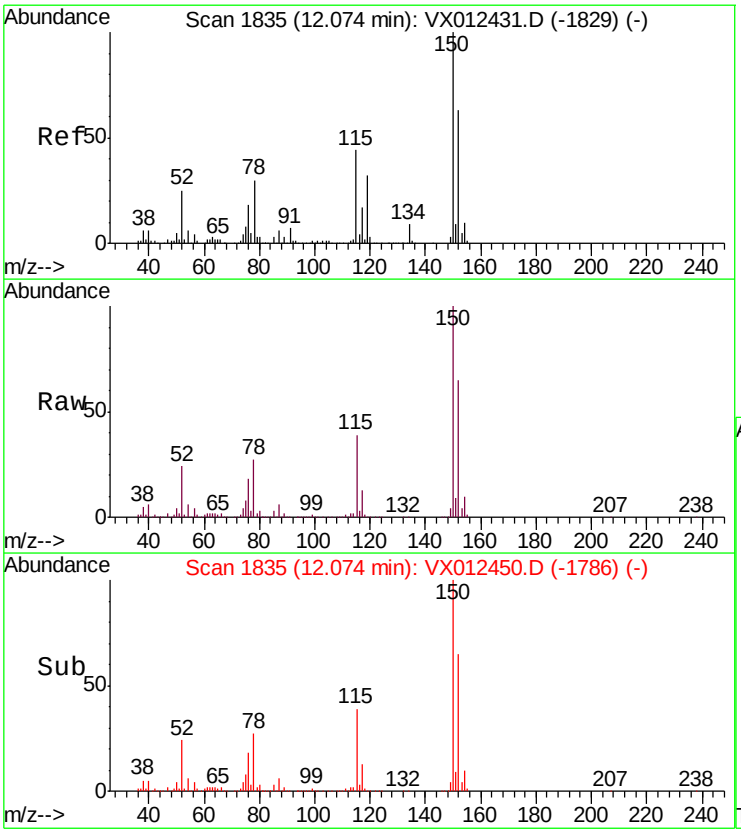
#64
Tetrachloroethene
Concen: 0.854 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20190909

Tgt Ion:164 Resp: 884

Ion	Ratio	Lower	Upper
164	100		
166	152.5	107.8	161.6
129	152.7	86.2	129.2#
131	109.6	80.4	120.6

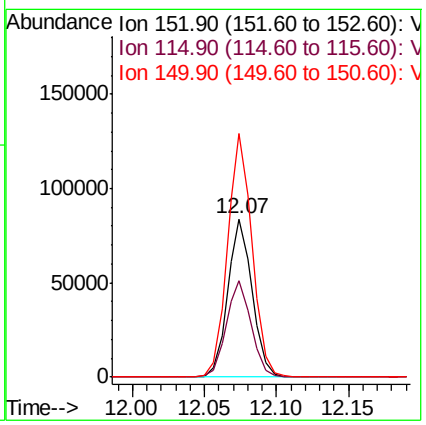


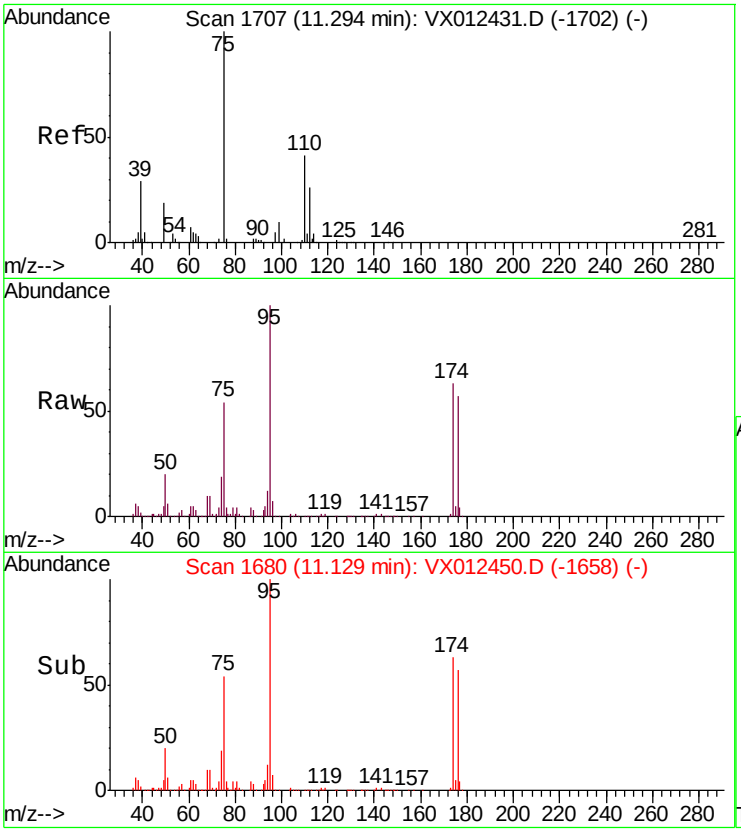


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Tgt Ion:152 Resp: 100014

Ion	Ratio	Lower	Upper
152	100		
115	62.3	44.1	132.3
150	154.5	0.0	343.8



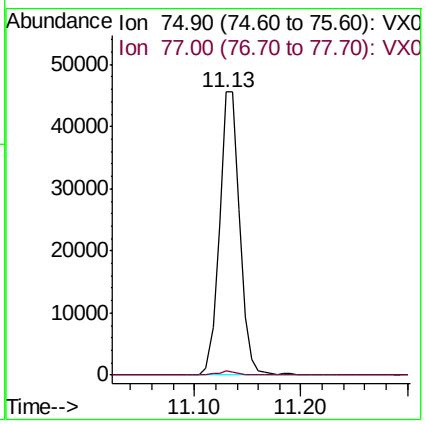


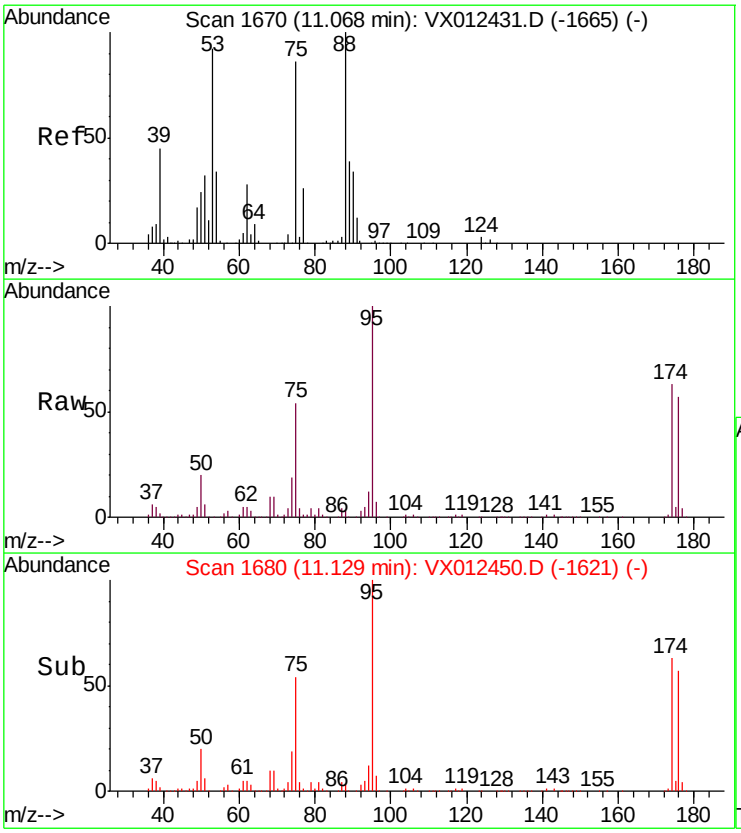
#76
1,2,3-Trichloropropane
Concen: 26.357 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20190909

Tgt Ion: 75 Resp: 60553

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.976 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX012450.D
Acq: 17 Sep 2019 22:37

Tgt Ion: 75 Resp: 60553

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