Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091919\
Data File : VX012530.D
Acq On : 19 Sep 2019 15:57
Operator : JC/SP
Sample : K4883-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FB-20190911

Quant Time: Sep 20 04:33:54 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	191918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	306105	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98311	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	130210	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.68%			
35) Dibromofluoromethane	5.49	113	89926	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.08%			
50) Toluene-d8	8.71	98	350095	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.10%			
62) 4-Bromofluorobenzene	11.14	95	121991	42.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.68%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	117	0.482	ug/l #	43
3) Chloromethane	1.32	50	699	0.662	ug/l	94
5) Bromomethane	1.63	94	237	0.529	ug/l	89
6) Chloroethane	1.73	64	688	0.771	ug/l #	53
10) Methyl Iodide	2.50	142	81	4.499	ug/l #	1
11) Tert butyl alcohol	3.01	59	3003	Below Cal	#	92
13) Acrolein	2.28	56	199	Below Cal	#	15
14) Allyl chloride	2.59	41	5040	1.794	ug/l #	55
16) Acetone	2.43	43	14130	3.390	ug/l #	87
17) Carbon Disulfide	2.56	76	148	1.890	ug/l #	75
18) Methyl Acetate	2.59	43	14187	4.950	ug/l #	54
20) Methylene Chloride	2.84	84	1434	0.861	ug/l	87
30) Chloroform	5.20	83	842	0.233	ug/l #	64
36) 1,1-Dichloropropene	5.65	75	16302	8.763	ug/l #	52
38) Carbon Tetrachloride	5.65	117	21763	9.406	ug/l #	17
44) Trichloroethene	7.21	130	482	0.310	ug/l	39
49) 1,4-Dioxane	7.76	88	22	0.374	ug/l #	22
68) m/p-Xylenes	10.36	106	576	0.222	ug/l	78
76) 1,2,3-Trichloropropane	11.13	75	63430	28.088	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	63430	75.433	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.81	105	1090	0.202	ug/l	91

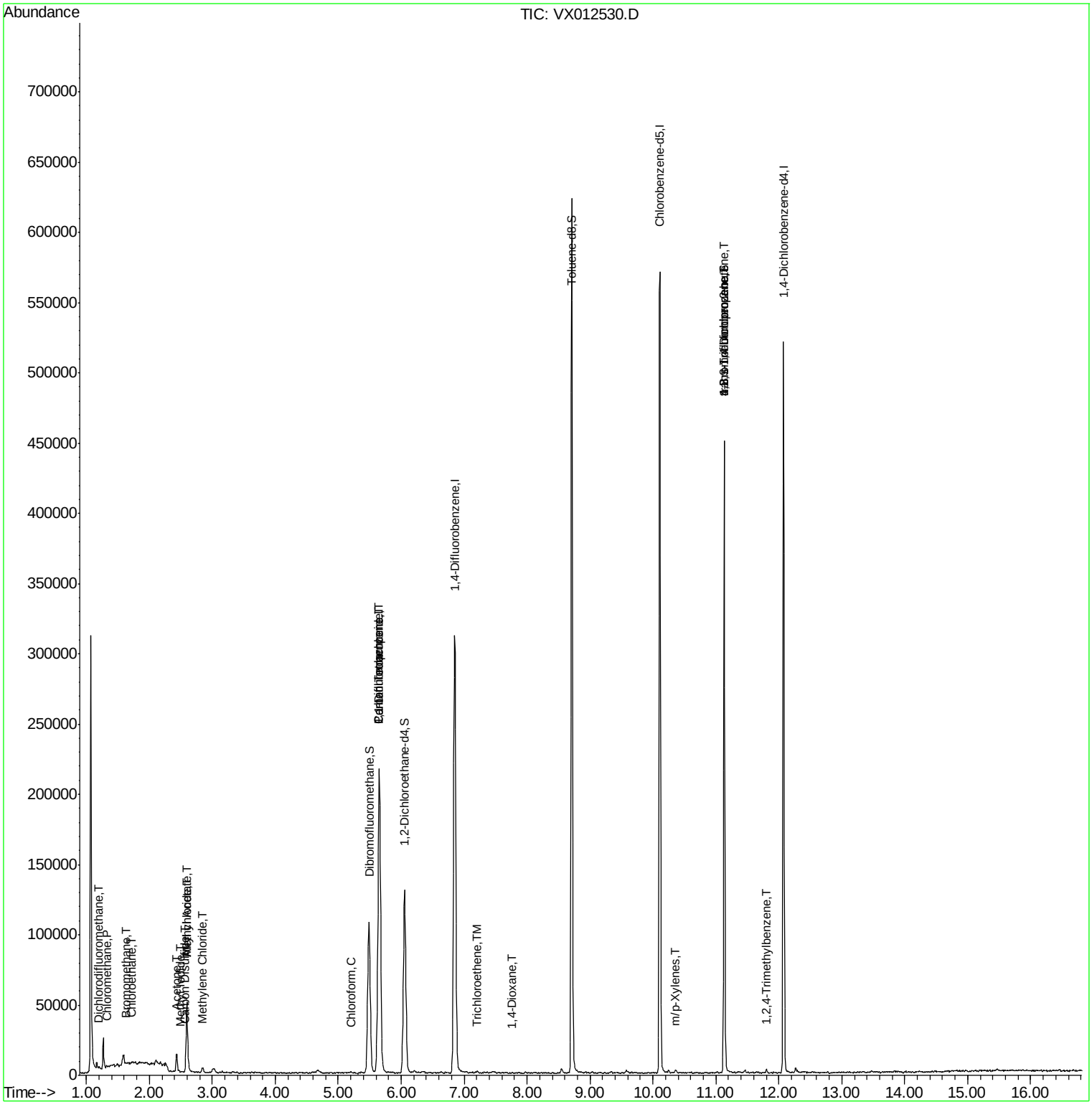
(#) = qualifier out of range (m) = manual integration (+) = signals summed

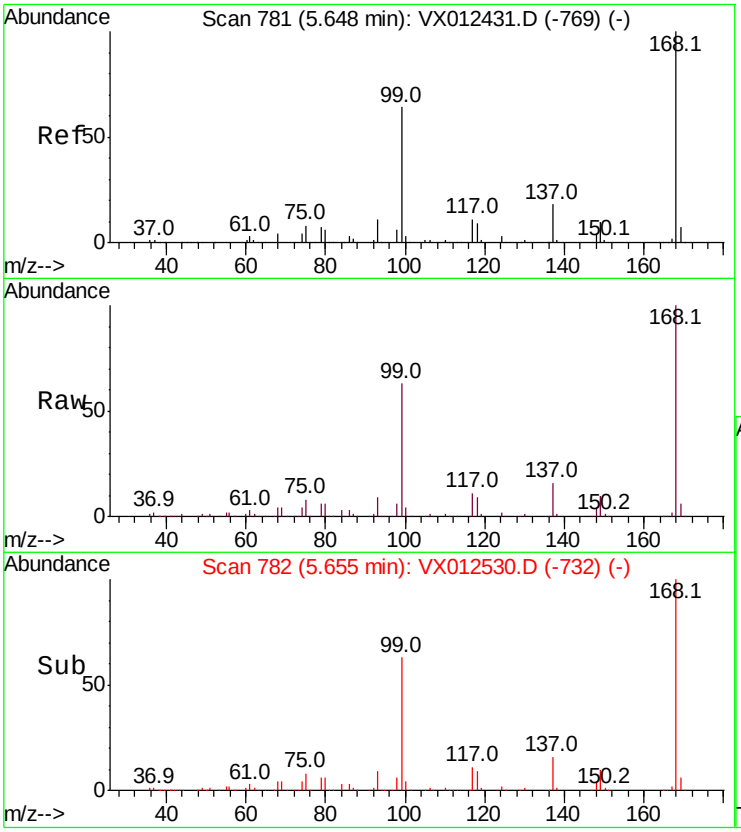
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091919\
Data File : VX012530.D
Acq On : 19 Sep 2019 15:57
Operator : JC/SP
Sample : K4883-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB-20190911

Quant Time: Sep 20 04:33:54 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



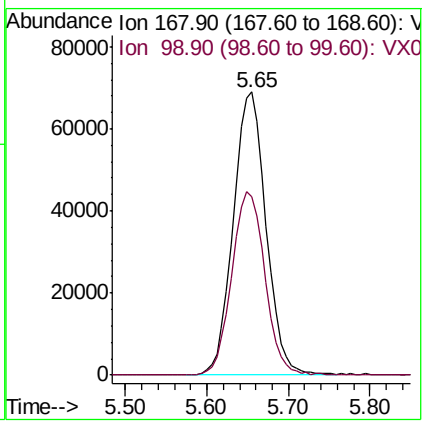


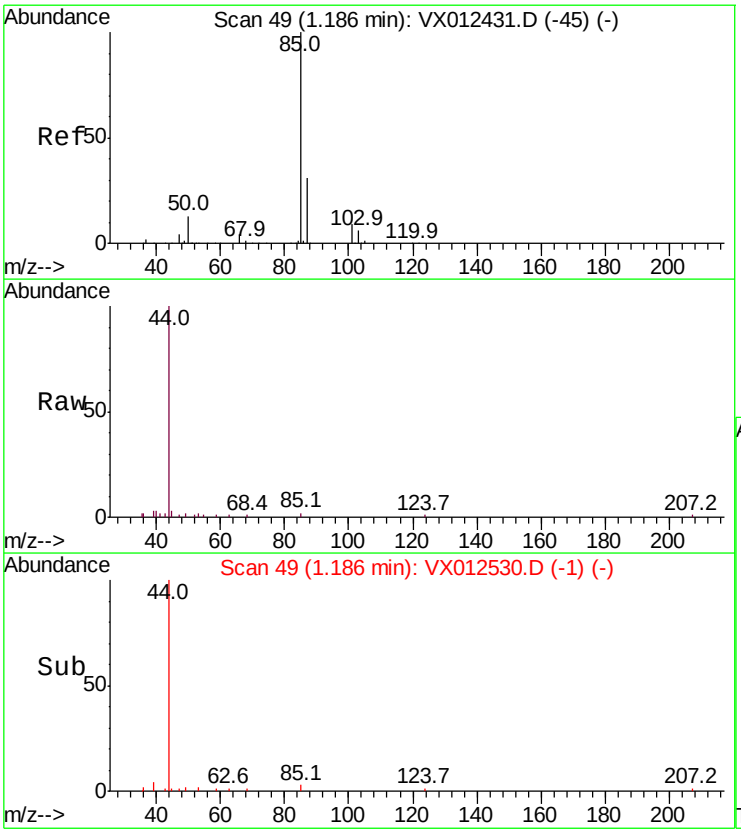
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012530.D
Acq: 19 Sep 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
FB-20190911

Tgt Ion:168 Resp: 191918

Ion	Ratio	Lower	Upper
168	100		
99	63.1	51.4	77.2

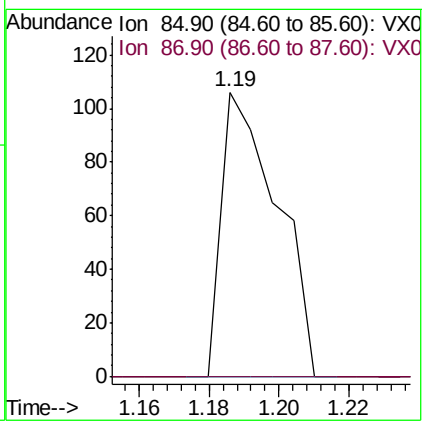


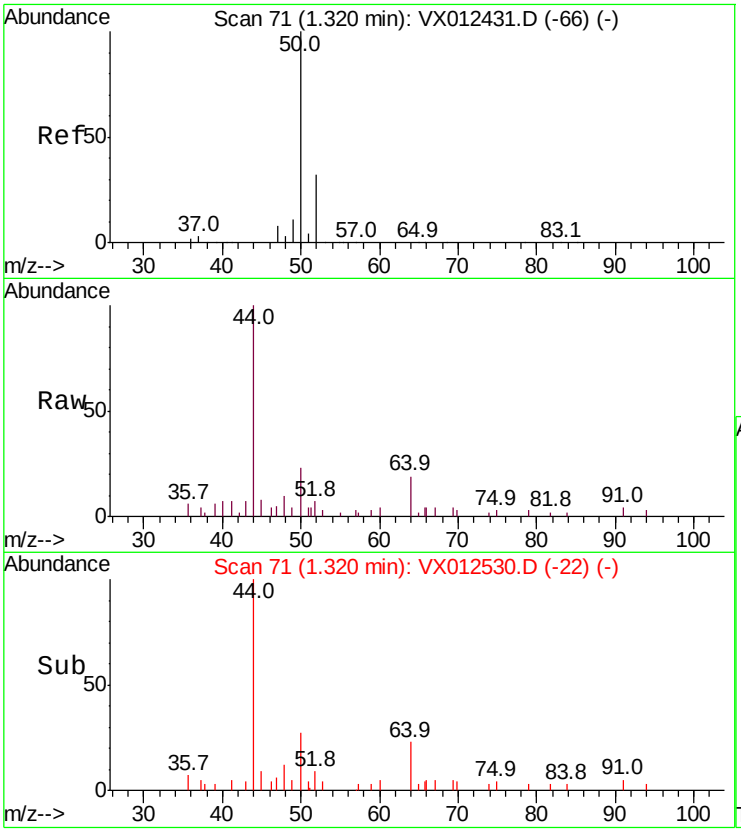


#2
Dichlorodifluoromethane
Concen: 0.482 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012530.D
Acq: 19 Sep 2019 15:57

Tgt Ion: 85 Resp: 117

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.6	46.8#



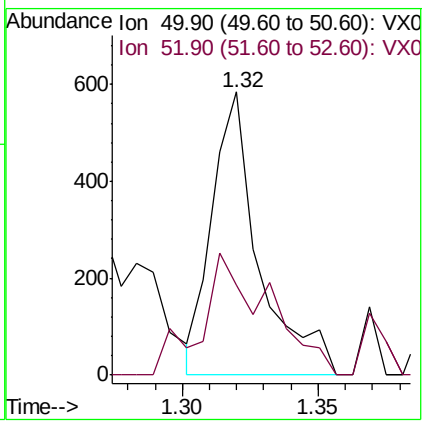


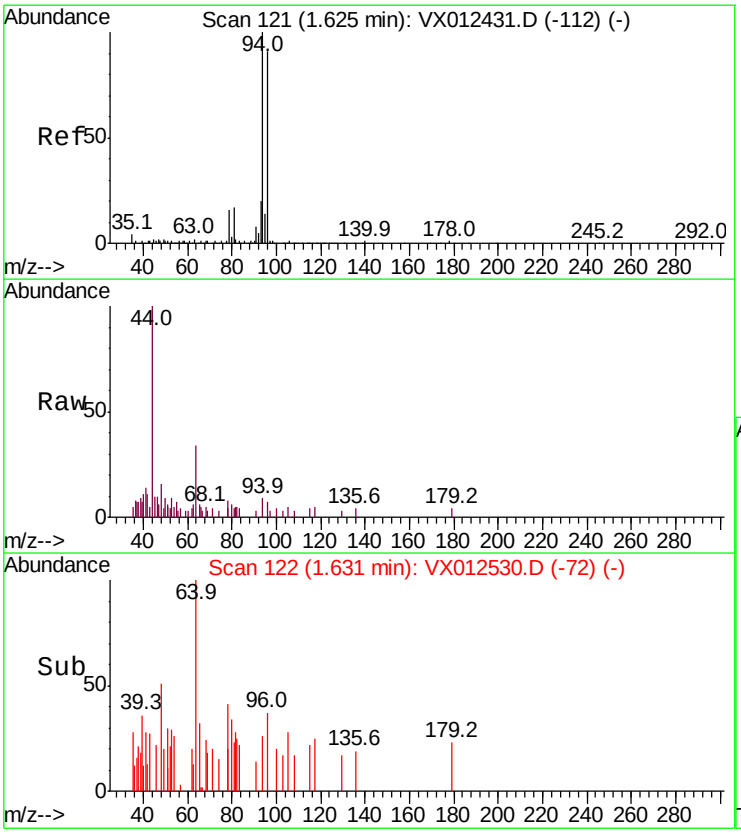
#3
Chloromethane
Concen: 0.662 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX012530.D
Acq: 19 Sep 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
FB-20190911

Tgt Ion: 50 Resp: 699

Ion	Ratio	Lower	Upper
50	100		
52	35.6	25.7	38.5

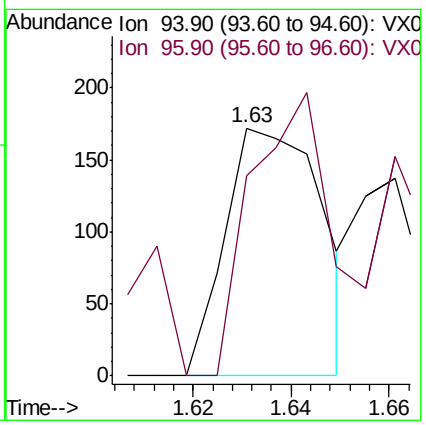


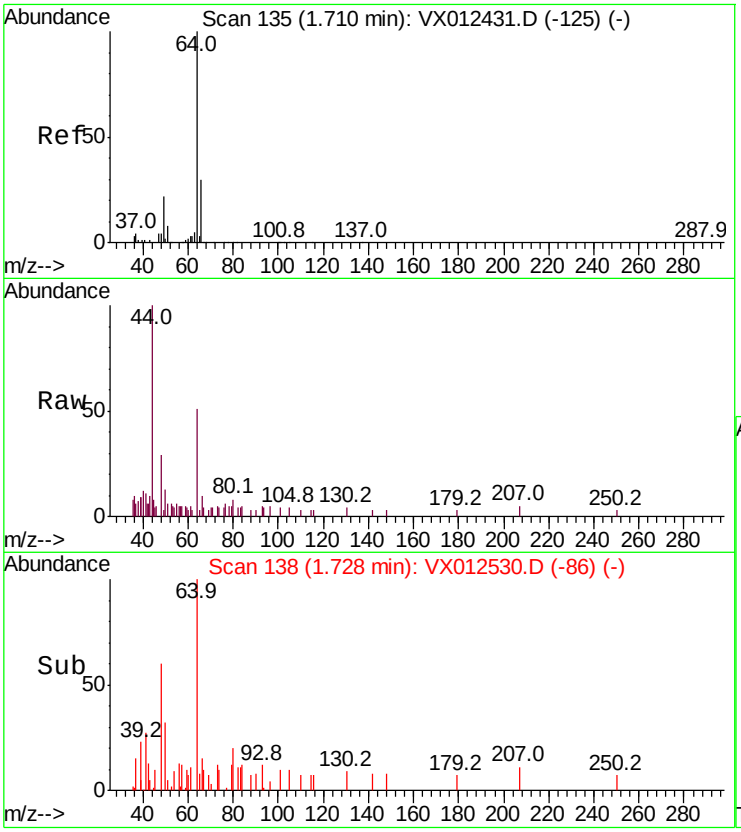


#5
Bromomethane
Concen: 0.529 ug/l
RT: 1.63 min Scan# 122
Delta R.T. 0.01 min
Lab File: VX012530.D
Acq: 19 Sep 2019 15:57

Tgt Ion: 94 Resp: 237

Ion	Ratio	Lower	Upper
94	100		
96	80.8	72.8	109.2



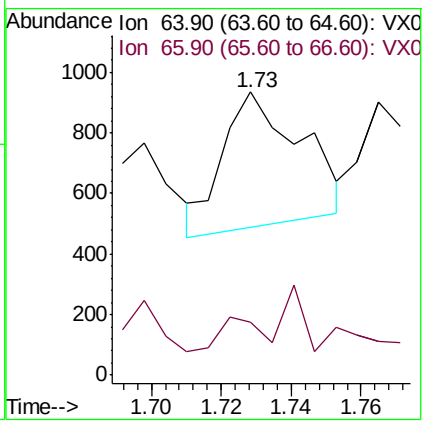


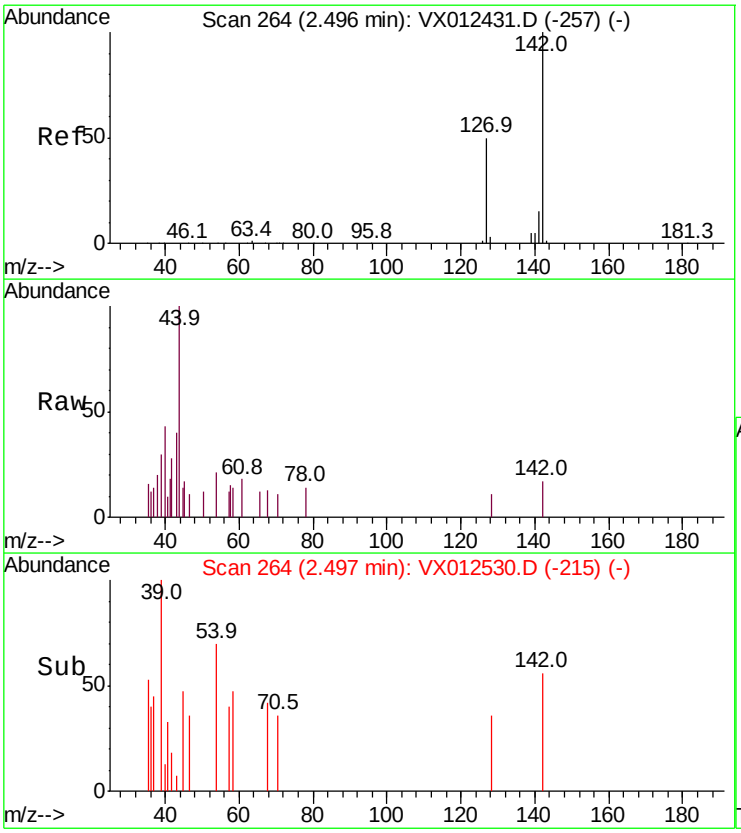
#6
Chloroethane
Concen: 0.771 ug/l
RT: 1.73 min Scan# 138
Delta R.T. 0.02 min
Lab File: VX012530.D
Acq: 19 Sep 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
FB-20190911

Tgt Ion: 64 Resp: 688

Ion	Ratio	Lower	Upper
64	100		
66	4.7	24.0	36.0#

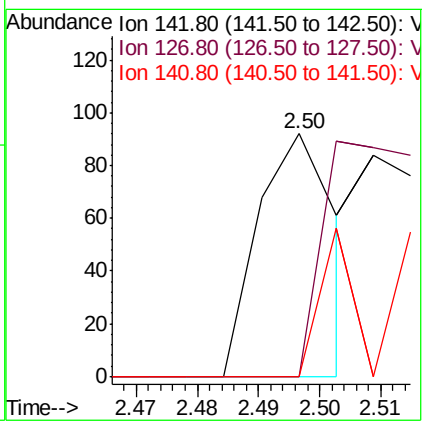


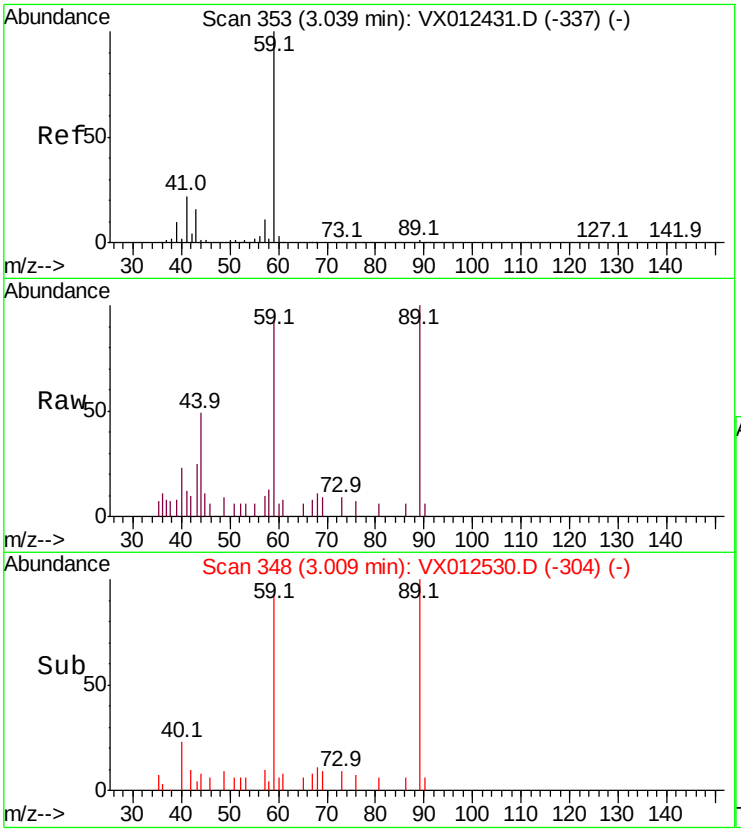


#10
Methyl Iodide
Concen: 4.499 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX012530.D
Acq: 19 Sep 2019 15:57

Tgt Ion:142 Resp: 81

Ion	Ratio	Lower	Upper
142	100		
127	149.4	40.8	61.2#
141	50.6	12.1	18.1#



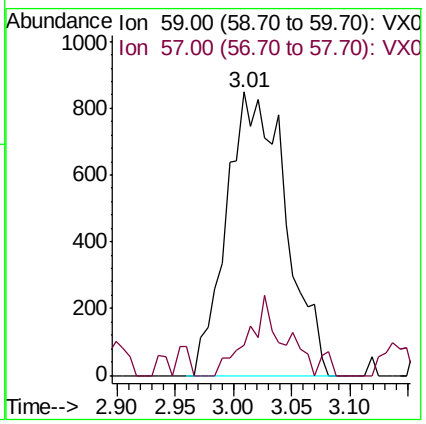


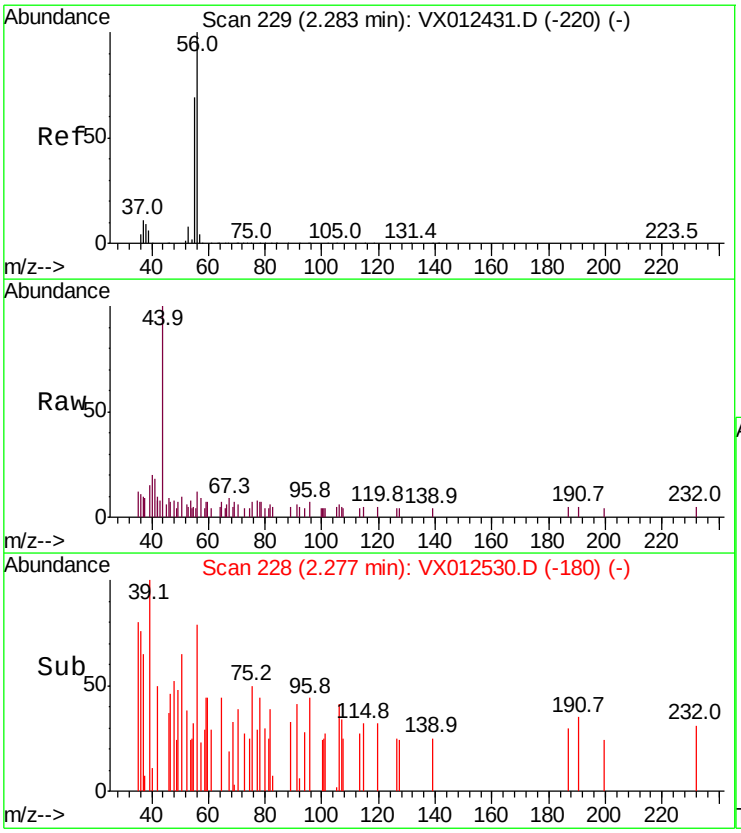
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.01 min Scan# 348
Delta R.T. -0.03 min
Lab File: VX012530.D
Acq: 19 Sep 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
FB-20190911

Tgt Ion: 59 Resp: 3003

Ion	Ratio	Lower	Upper
59	100		
57	13.3	8.3	12.5#

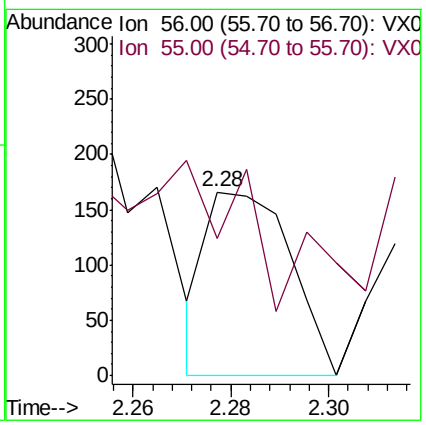


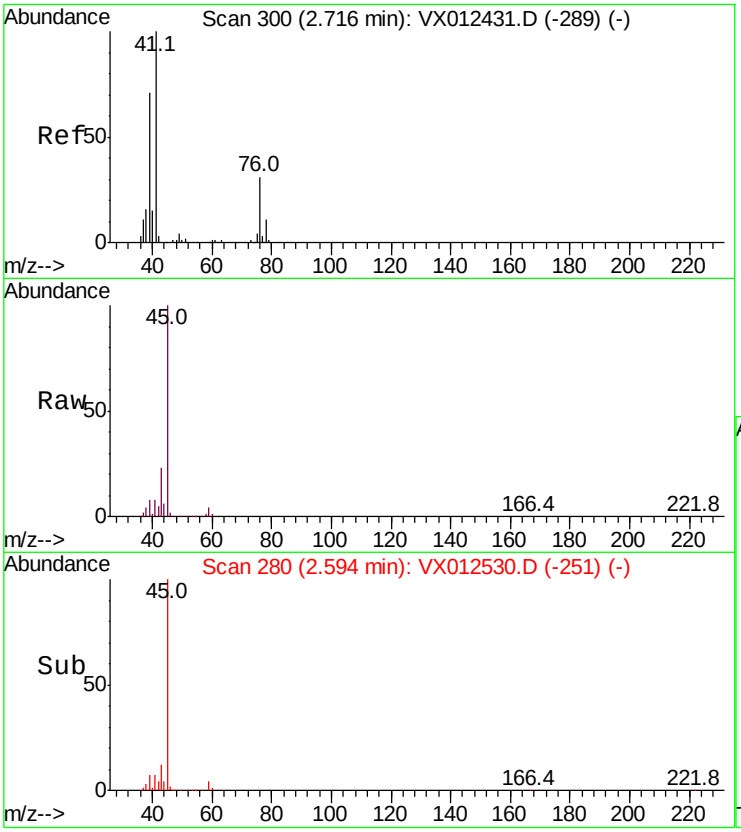


#13
Acrolein
Concen: Below Cal
RT: 2.28 min Scan# 228
Delta R.T. -0.01 min
Lab File: VX012530.D
Acq: 19 Sep 2019 15:57

Tgt Ion: 56 Resp: 199

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.8	83.8#



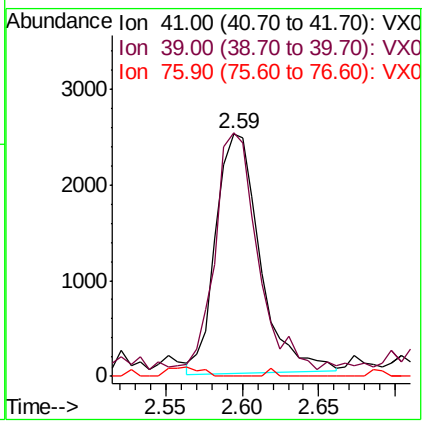


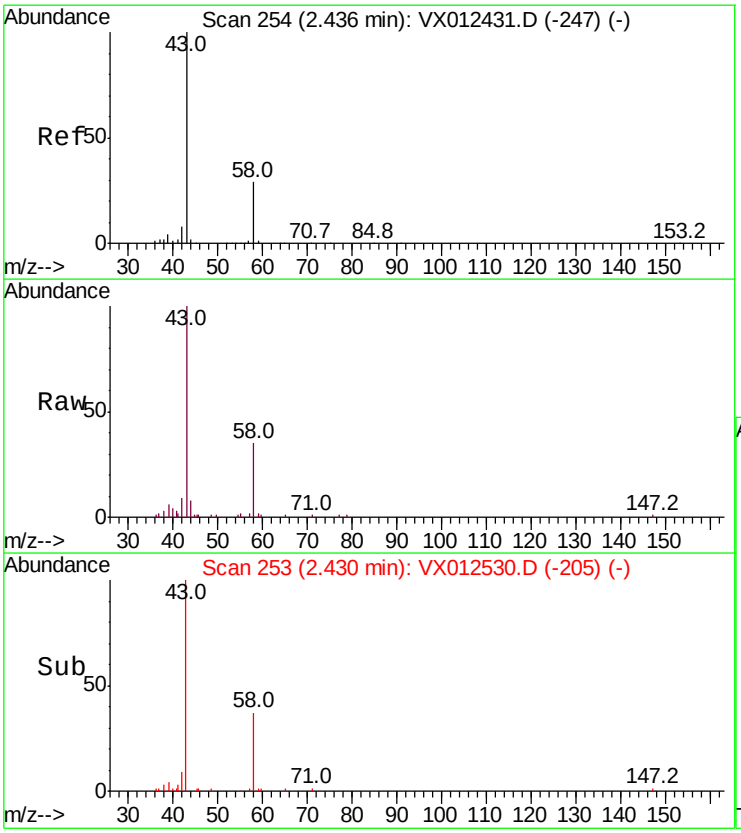
#14
Allyl chloride
Concen: 1.794 ug/l
RT: 2.59 min Scan# 280
Delta R.T. -0.12 min
Lab File: VX012530.D
Acq: 19 Sep 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
FB-20190911

Tgt Ion: 41 Resp: 5040

Ion	Ratio	Lower	Upper
41	100		
39	96.5	51.3	76.9#
76	0.0	22.6	33.8#

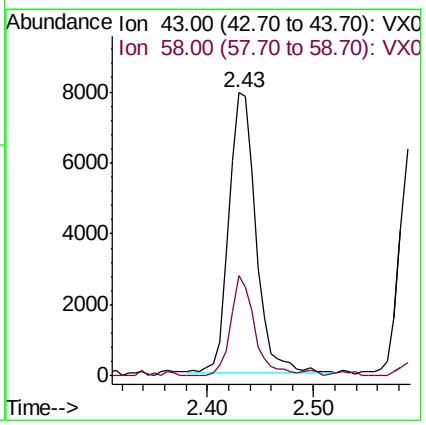


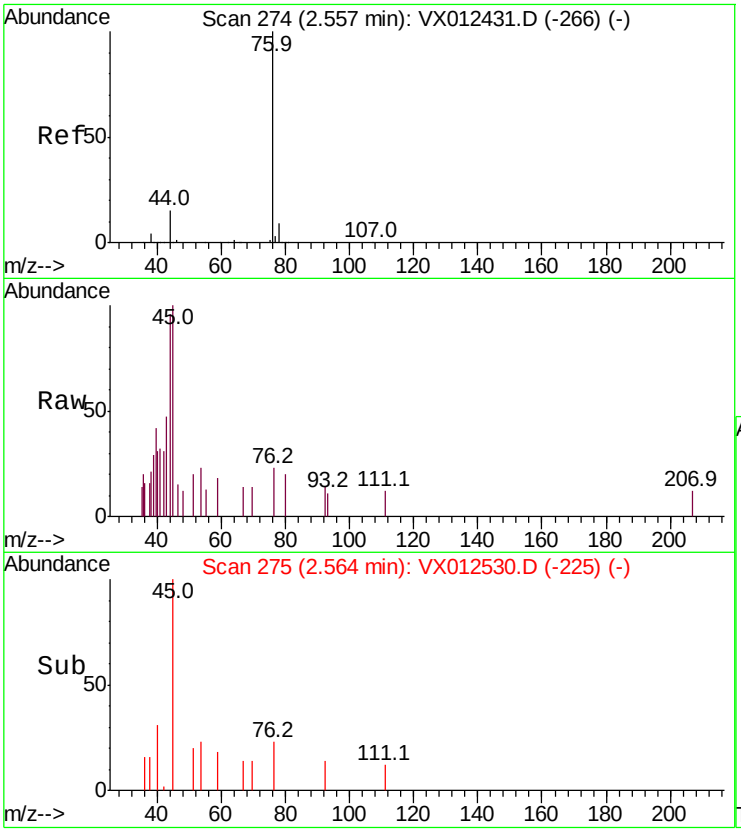


#16
Acetone
Concen: 3.390 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX012530.D
Acq: 19 Sep 2019 15:57

Tgt Ion: 43 Resp: 14130

Ion	Ratio	Lower	Upper
43	100		
58	35.8	23.3	34.9#



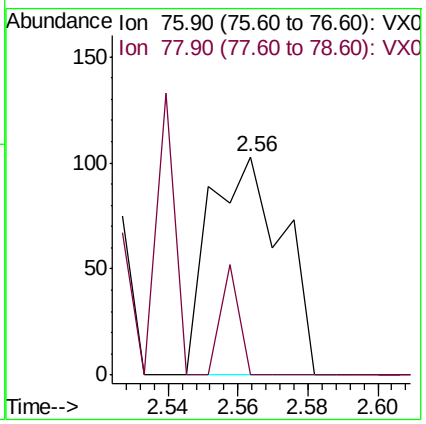


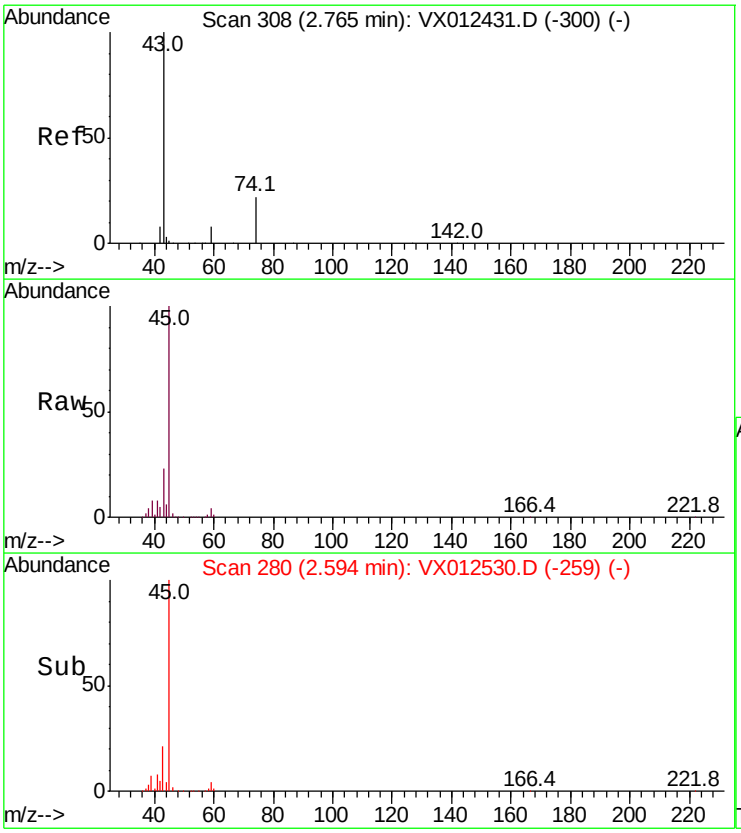
#17
Carbon Disulfide
Concen: 1.890 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX012530.D
Acq: 19 Sep 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
FB-20190911

Tgt Ion: 76 Resp: 148

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#

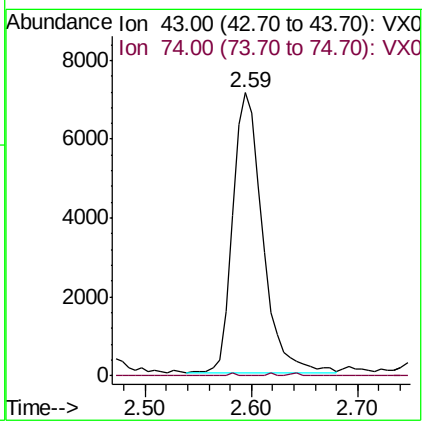


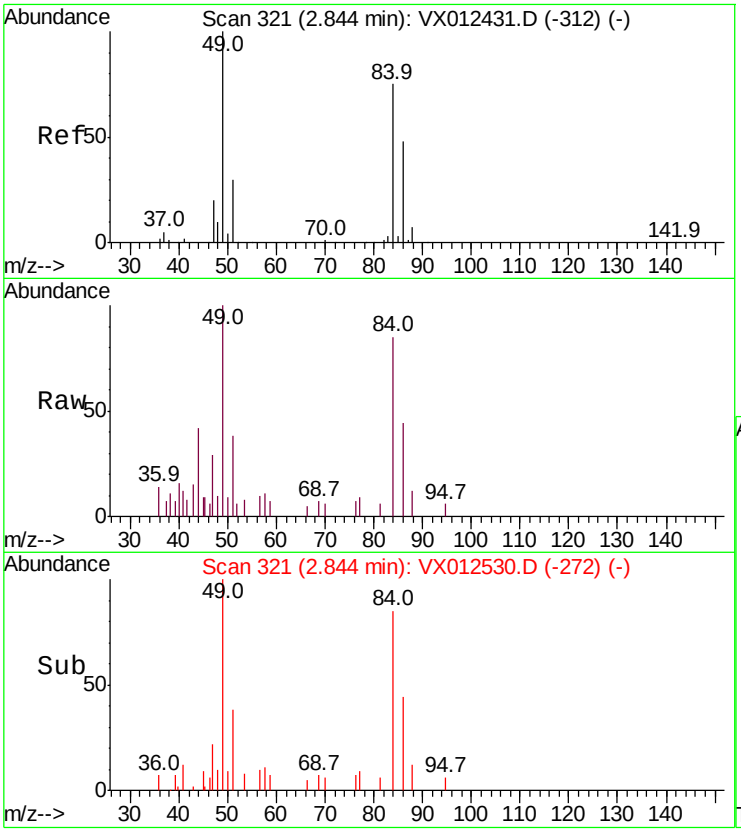


#18
Methyl Acetate
Concen: 4.950 ug/l
RT: 2.59 min Scan# 280
Delta R.T. -0.17 min
Lab File: VX012530.D
Acq: 19 Sep 2019 15:57

Tgt Ion: 43 Resp: 14187

Ion	Ratio	Lower	Upper
43	100		
74	0.2	17.7	26.5#



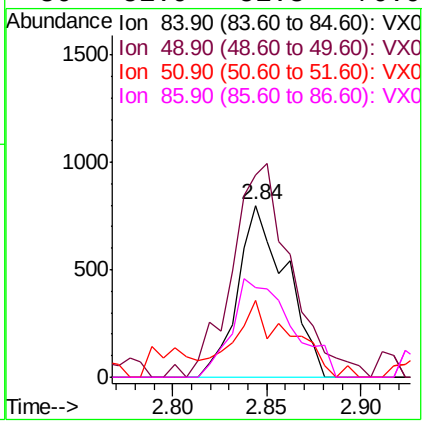


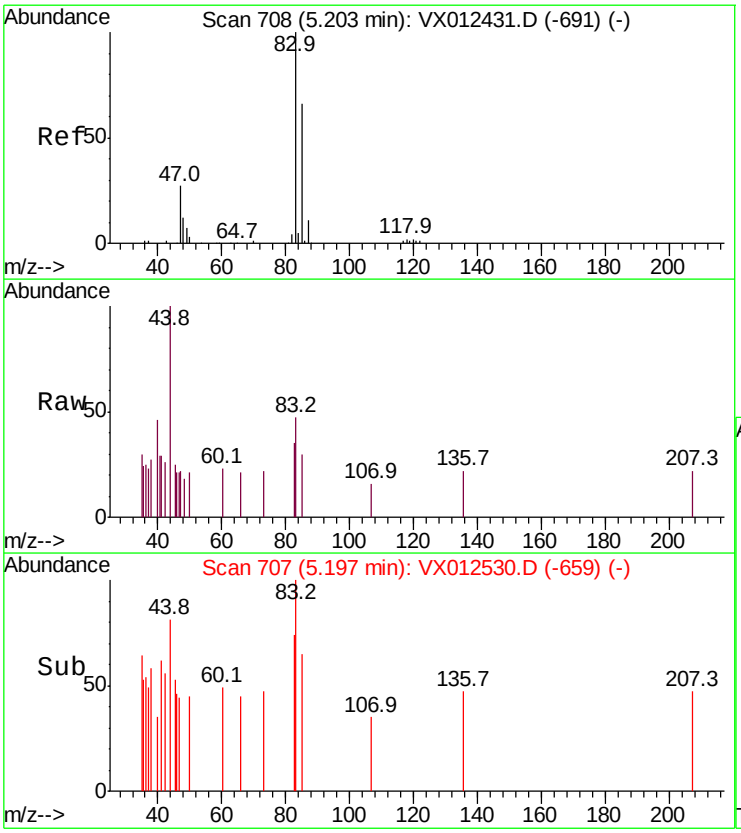
#20
Methylene Chloride
Concen: 0.861 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012530.D
Acq: 19 Sep 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
FB-20190911

Tgt Ion: 84 Resp: 1434

Ion	Ratio	Lower	Upper
84	100		
49	117.6	106.8	160.2
51	44.6	32.3	48.5
86	51.9	51.3	76.9

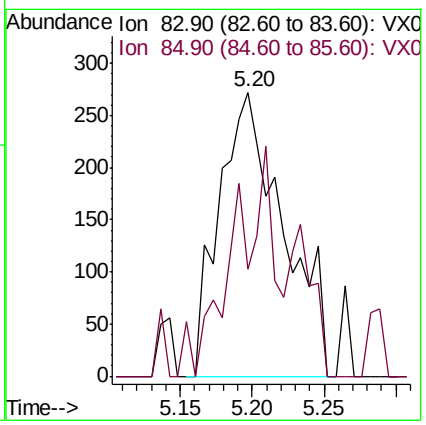


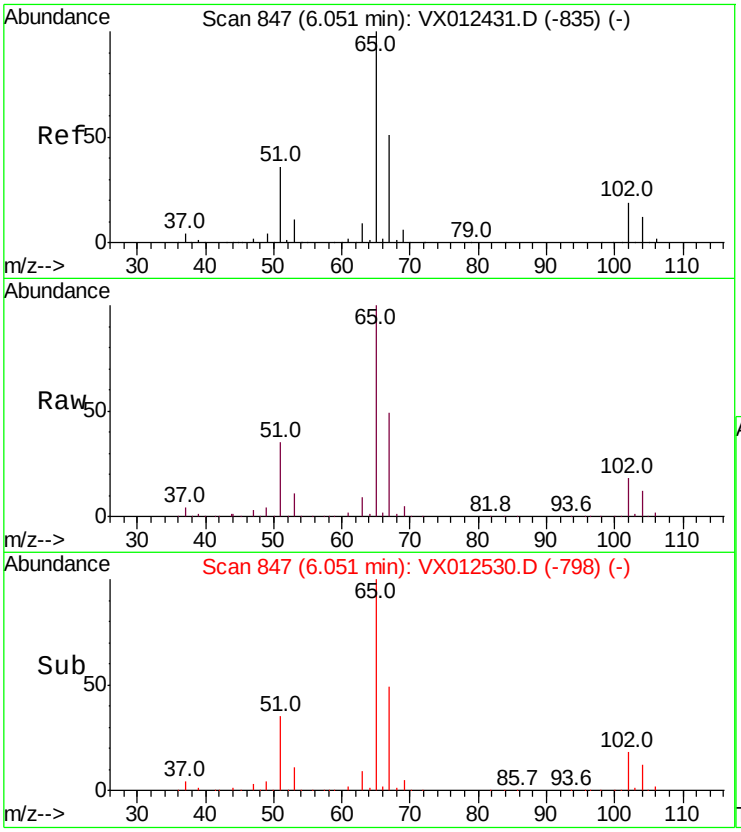


#30
Chloroform
Concen: 0.233 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012530.D
Acq: 19 Sep 2019 15:57

Tgt Ion: 83 Resp: 842

Ion	Ratio	Lower	Upper
83	100		
85	37.5	53.0	79.4#



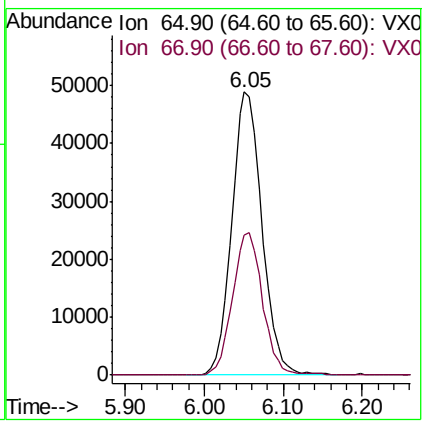


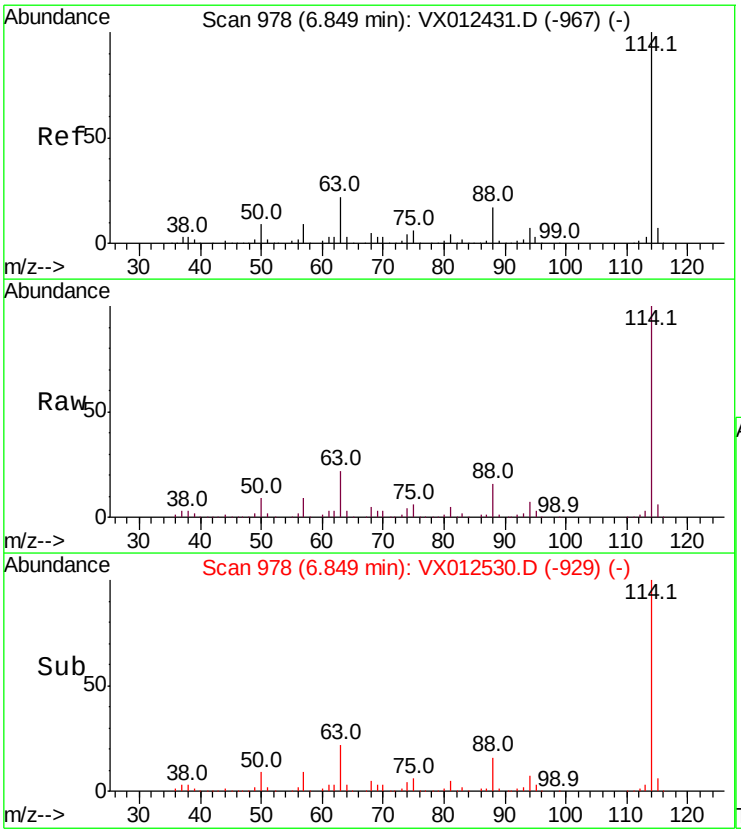
#33
1,2-Dichloroethane-d4
Concen: 47.339 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012530.D
Acq: 19 Sep 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
FB-20190911

Tgt Ion: 65 Resp: 130210

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	101.2

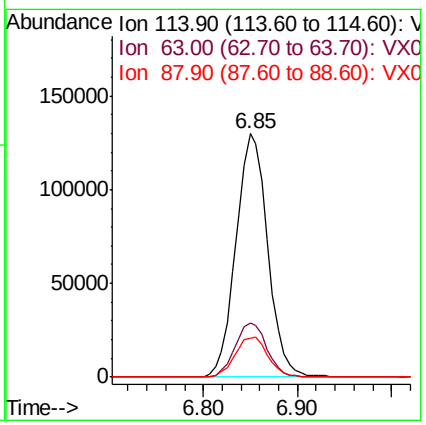


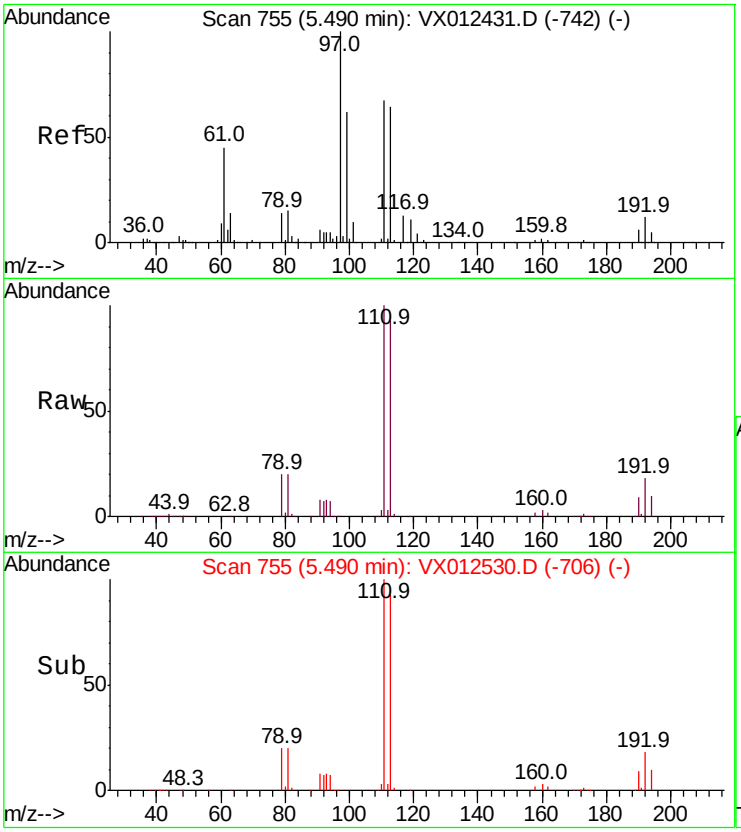


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012530.D
Acq: 19 Sep 2019 15:57

Tgt Ion:114 Resp: 306105

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.2
88	16.0	0.0	33.2



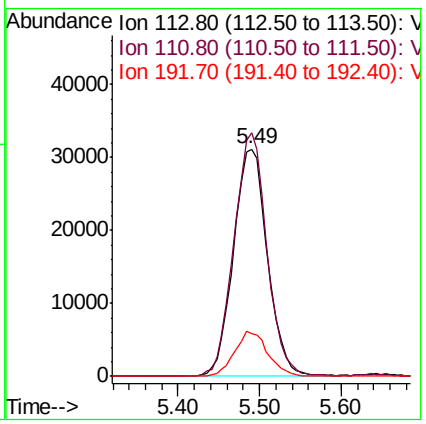


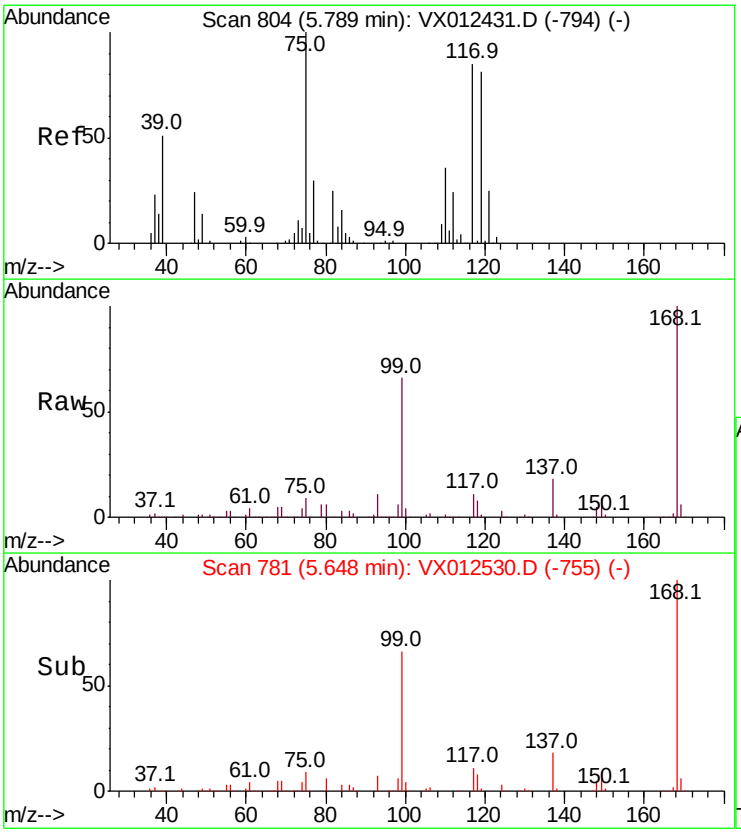
#35
Dibromofluoromethane
Concen: 48.537 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012530.D
Acq: 19 Sep 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
FB-20190911

Tgt Ion:113 Resp: 89926

Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.4	125.2
192	19.2	14.4	21.6

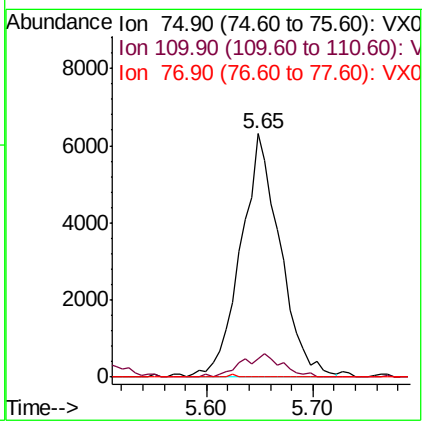


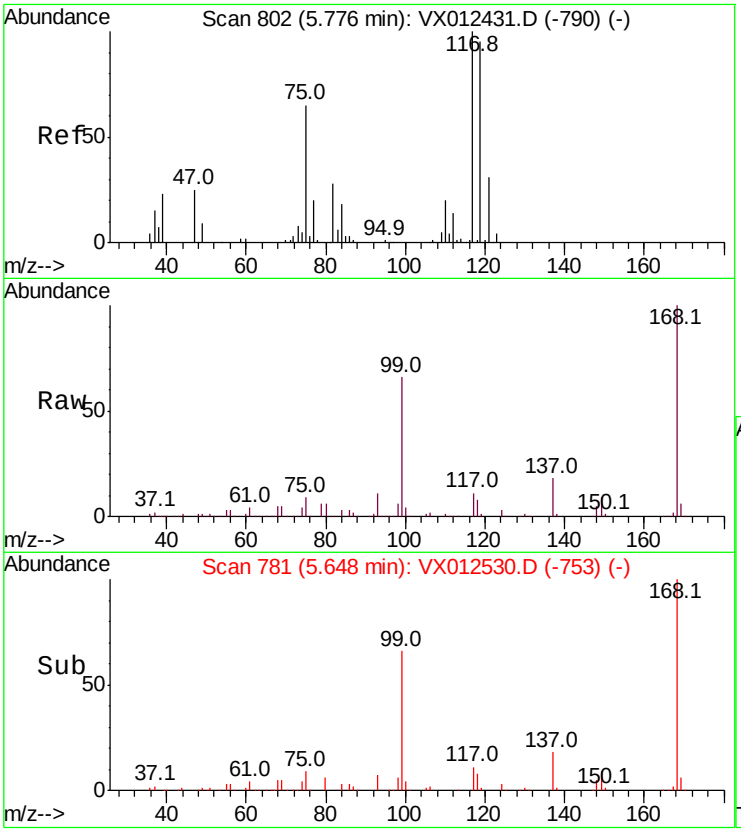


#36
1,1-Dichloropropene
Concen: 8.763 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012530.D
Acq: 19 Sep 2019 15:57

Tgt Ion: 75 Resp: 16302

Ion	Ratio	Lower	Upper
75	100		
110	10.0	16.7	50.0#
77	0.0	24.2	36.2#



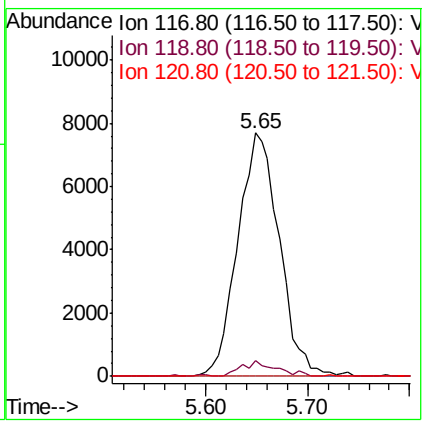


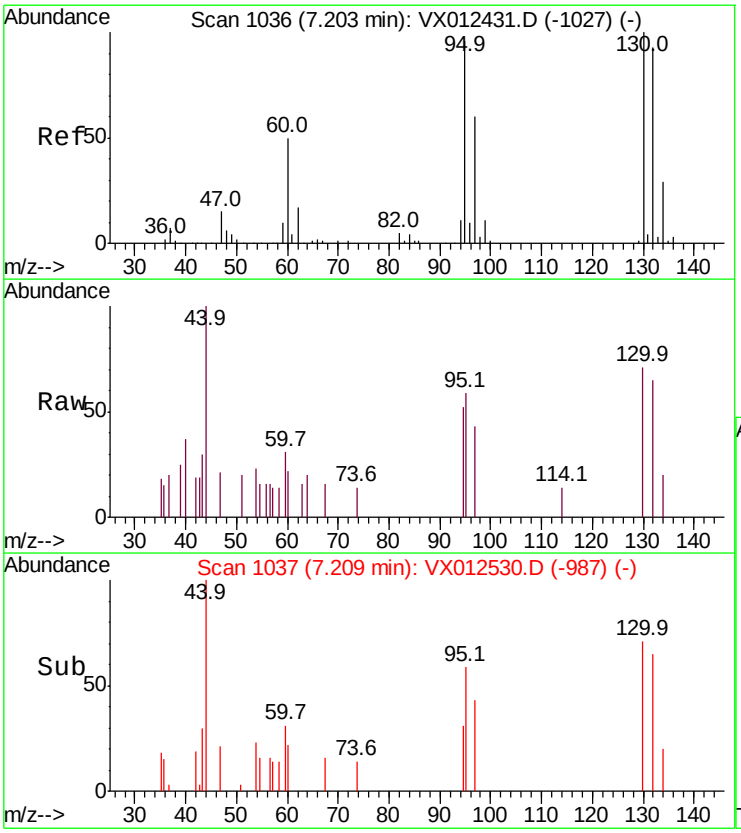
#38
Carbon Tetrachloride
Concen: 9.406 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX012530.D
Acq: 19 Sep 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
FB-20190911

Tgt Ion:117 Resp: 21763

Ion	Ratio	Lower	Upper
117	100		
119	6.3	75.7	113.5#
121	0.0	24.2	36.4#

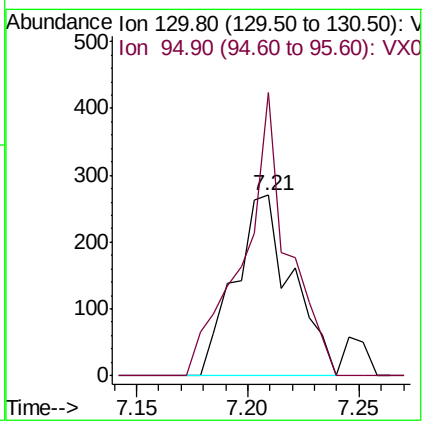


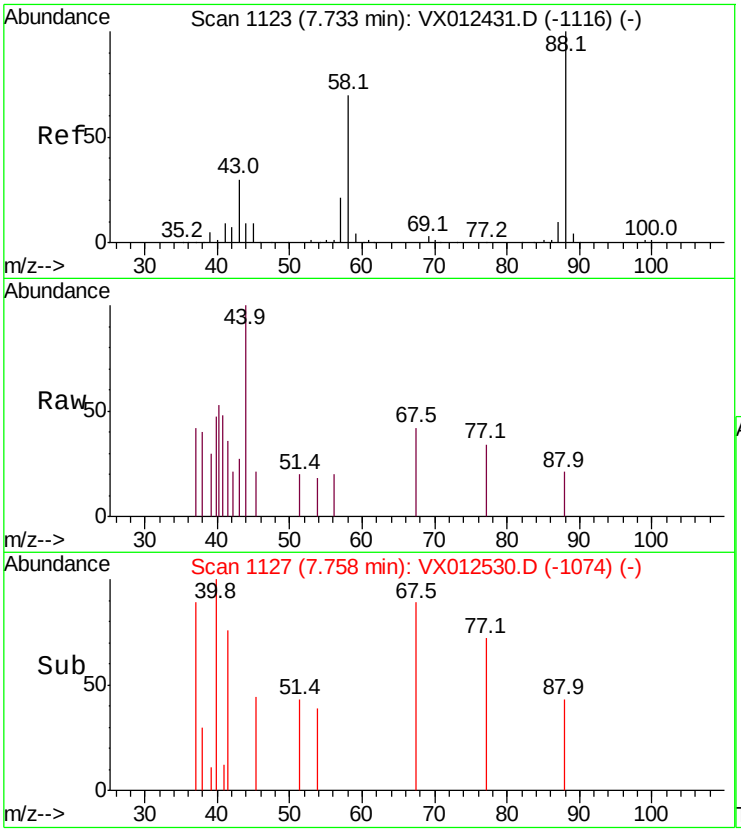


#44
Trichloroethene
Concen: 0.310 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012530.D
Acq: 19 Sep 2019 15:57

Tgt Ion:130 Resp: 482

Ion	Ratio	Lower	Upper
130	100		
95	156.7	0.0	193.0



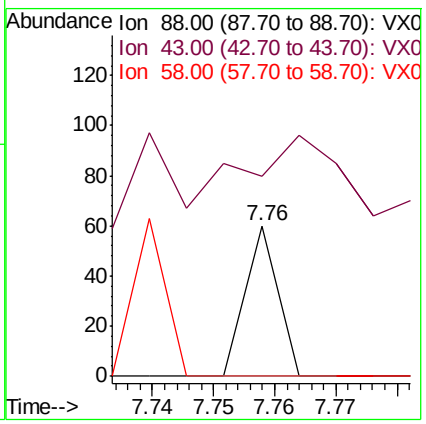


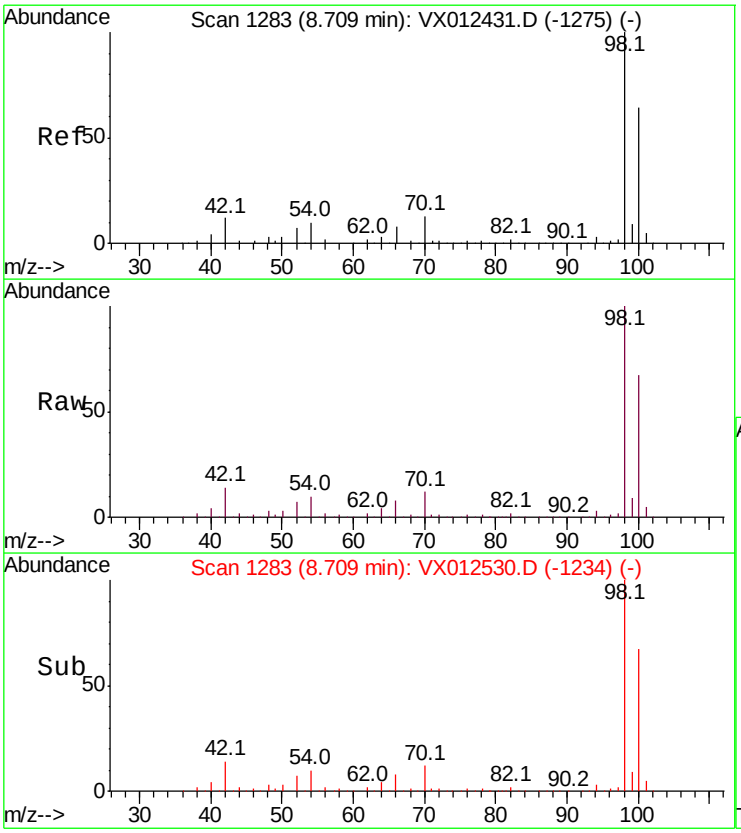
#49
1,4-Dioxane
Concen: 0.374 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. 0.02 min
Lab File: VX012530.D
Acq: 19 Sep 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
FB-20190911

Tgt Ion: 88 Resp: 22

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

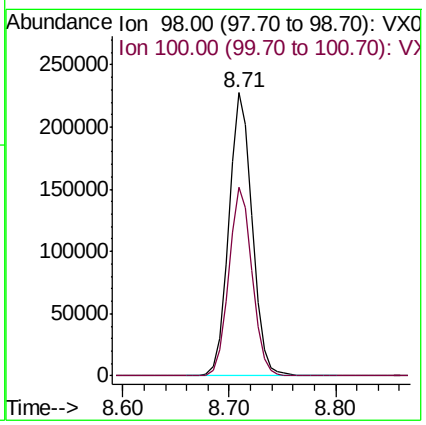


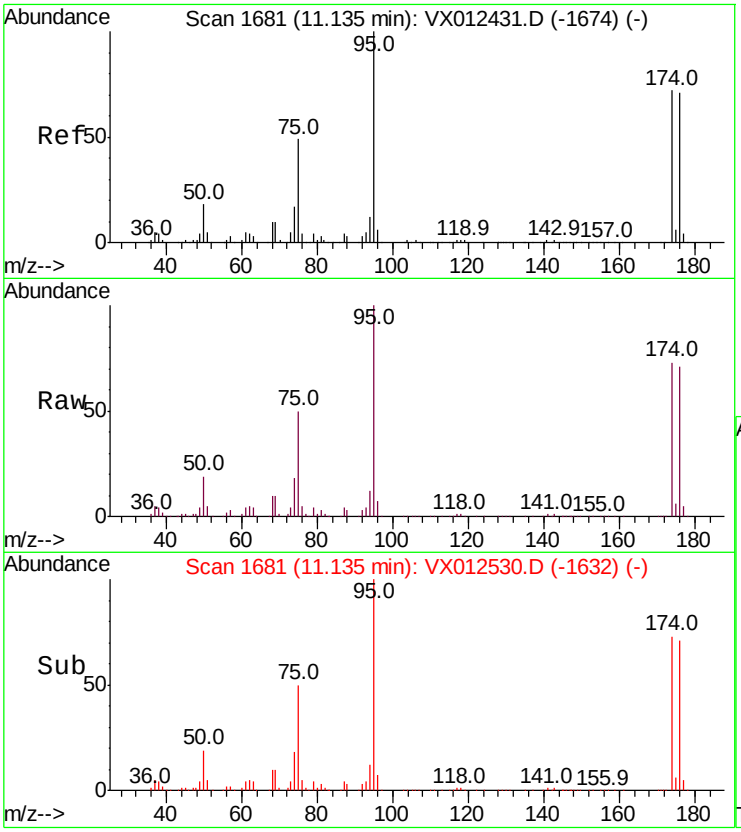


#50
Toluene-d8
Concen: 51.051 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012530.D
Acq: 19 Sep 2019 15:57

Tgt Ion: 98 Resp: 350095

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.4	80.2



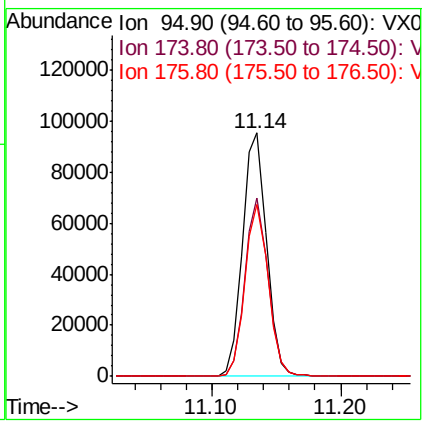


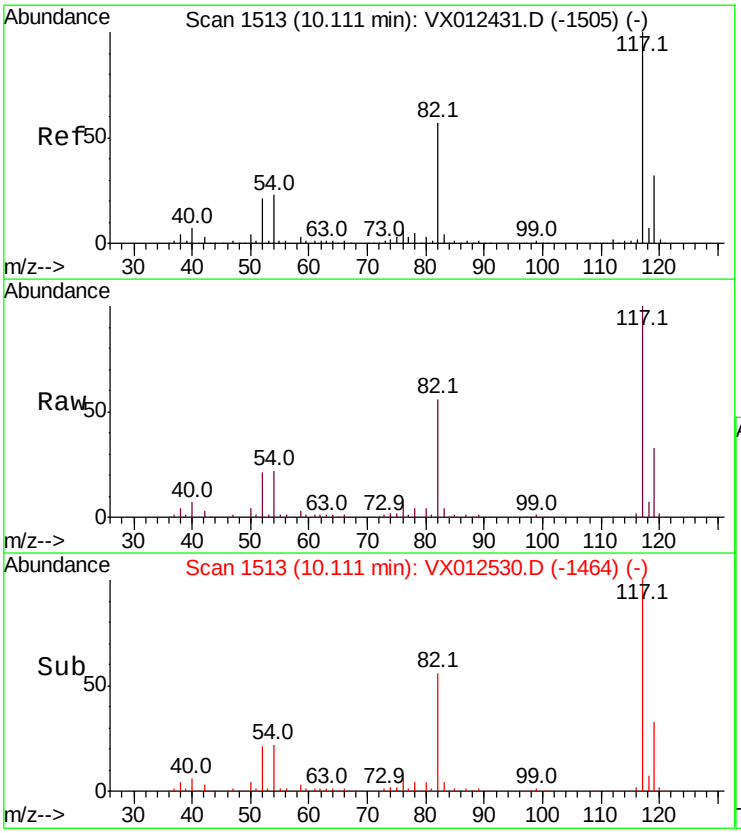
#62
4-Bromofluorobenzene
Concen: 42.843 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012530.D
Acq: 19 Sep 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
FB-20190911

Tgt Ion: 95 Resp: 121991

Ion	Ratio	Lower	Upper
95	100		
174	70.6	0.0	140.0
176	68.7	0.0	135.4

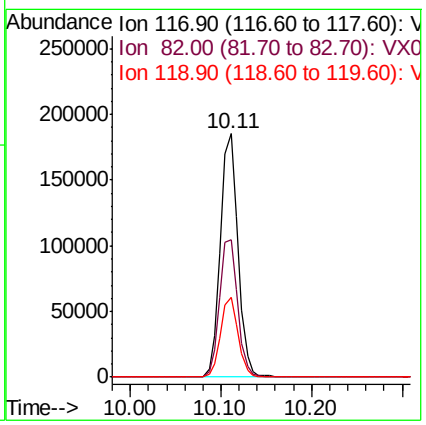


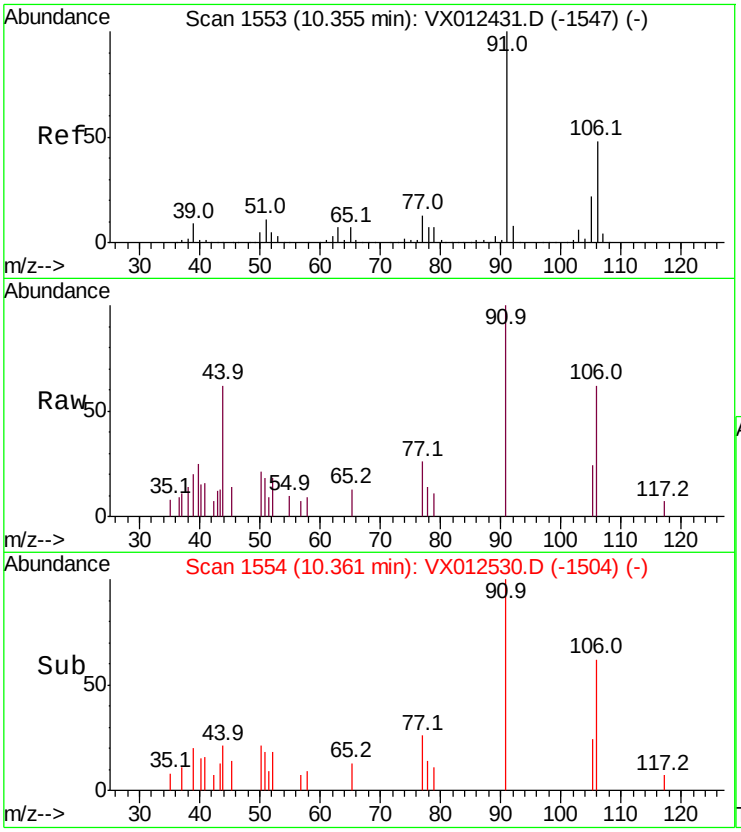


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012530.D
Acq: 19 Sep 2019 15:57

Tgt Ion:117 Resp: 251736

Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.9	68.9
119	32.8	25.3	37.9



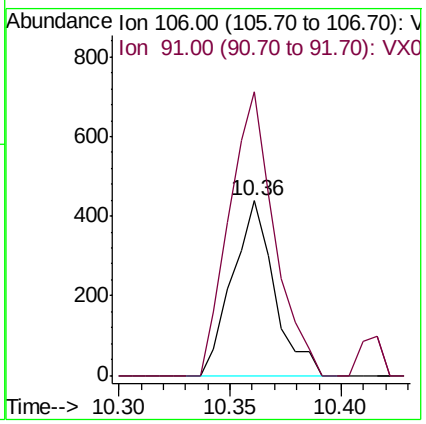


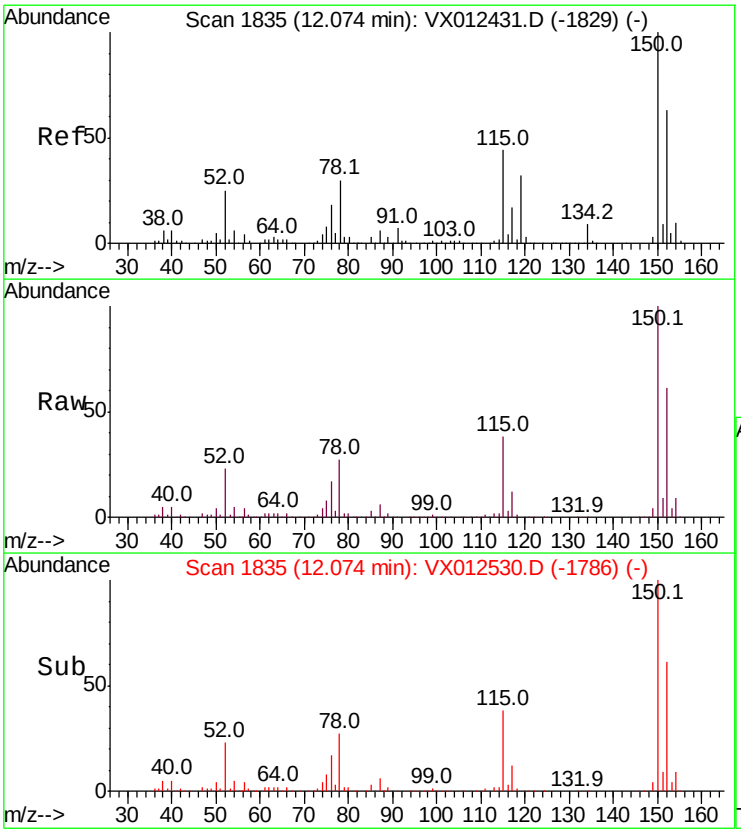
#68
m/p-Xylenes
Concen: 0.222 ug/l
RT: 10.36 min Scan# 1554
Delta R.T. 0.01 min
Lab File: VX012530.D
Acq: 19 Sep 2019 15:57

Instrument : MSVOA_X
ClientSampleId : FB-20190911

Tgt Ion:106 Resp: 576

Ion	Ratio	Lower	Upper
106	100		
91	174.3	166.6	250.0

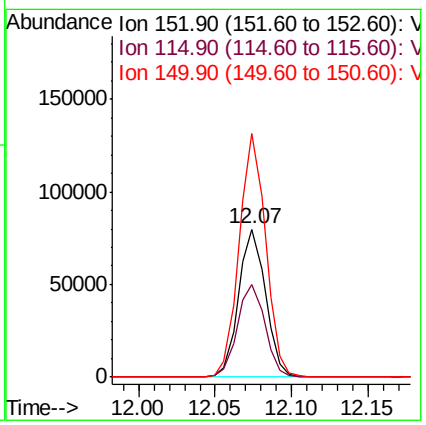


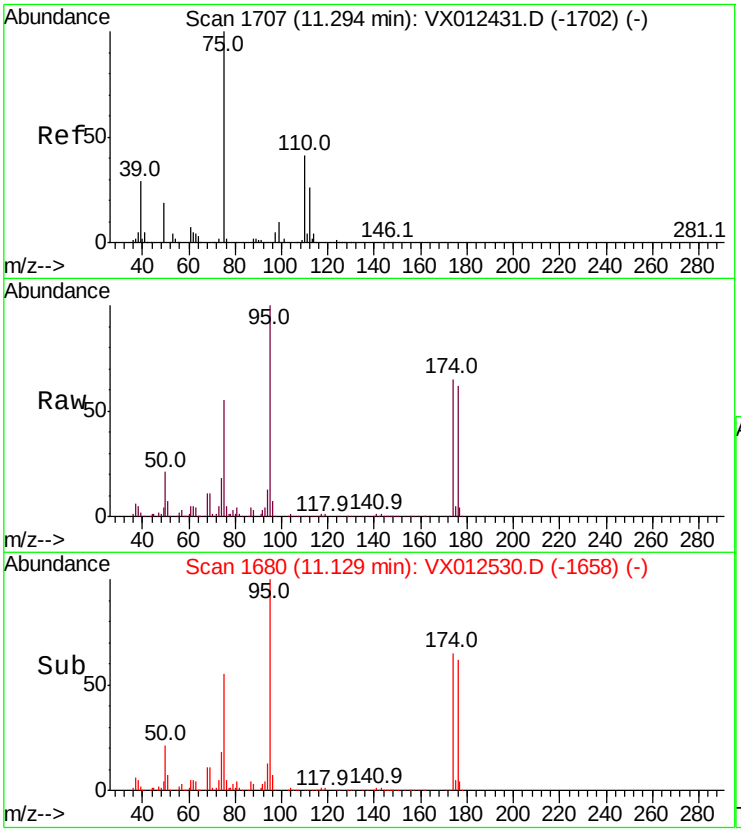


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012530.D
Acq: 19 Sep 2019 15:57

Tgt Ion:152 Resp: 98311

Ion	Ratio	Lower	Upper
152	100		
115	63.3	44.1	132.3
150	160.9	0.0	343.8



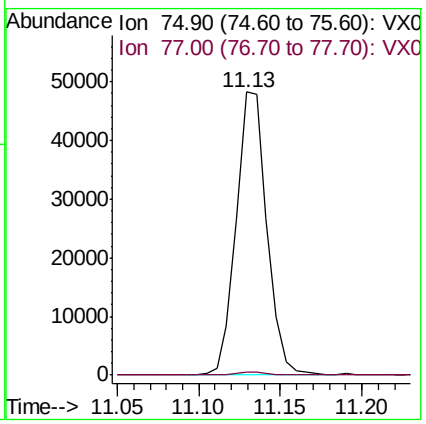


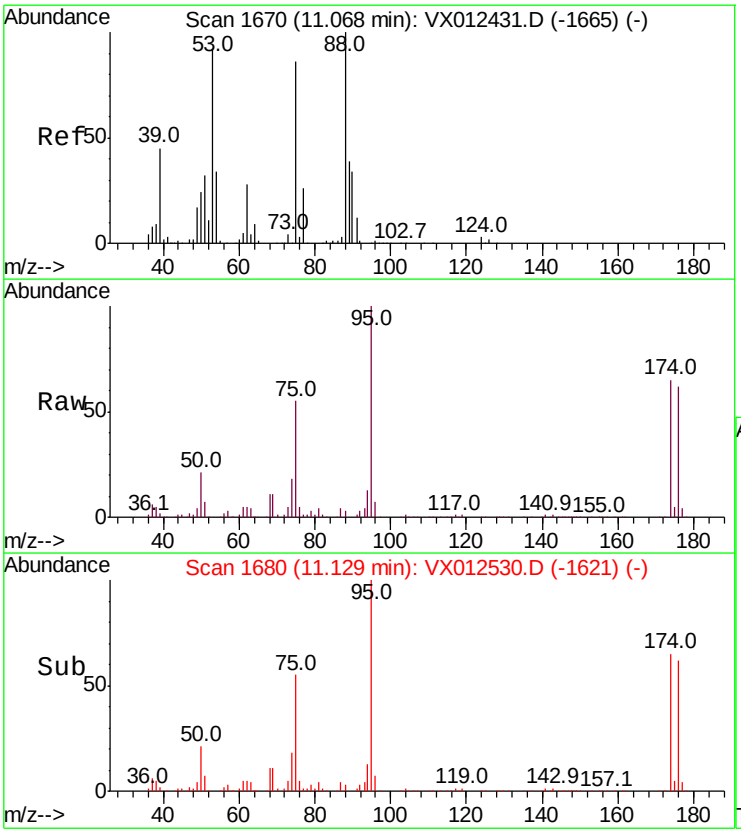
#76
1,2,3-Trichloropropane
Concen: 28.088 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX012530.D
Acq: 19 Sep 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
FB-20190911

Tgt Ion: 75 Resp: 63430

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.7	59.0#

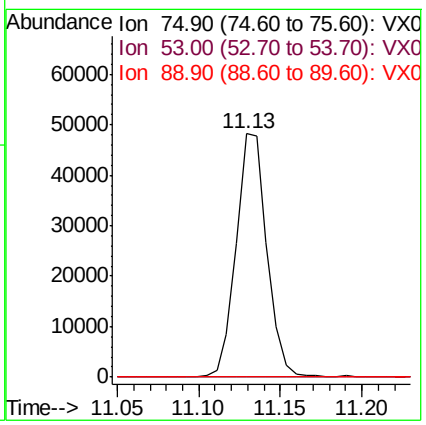


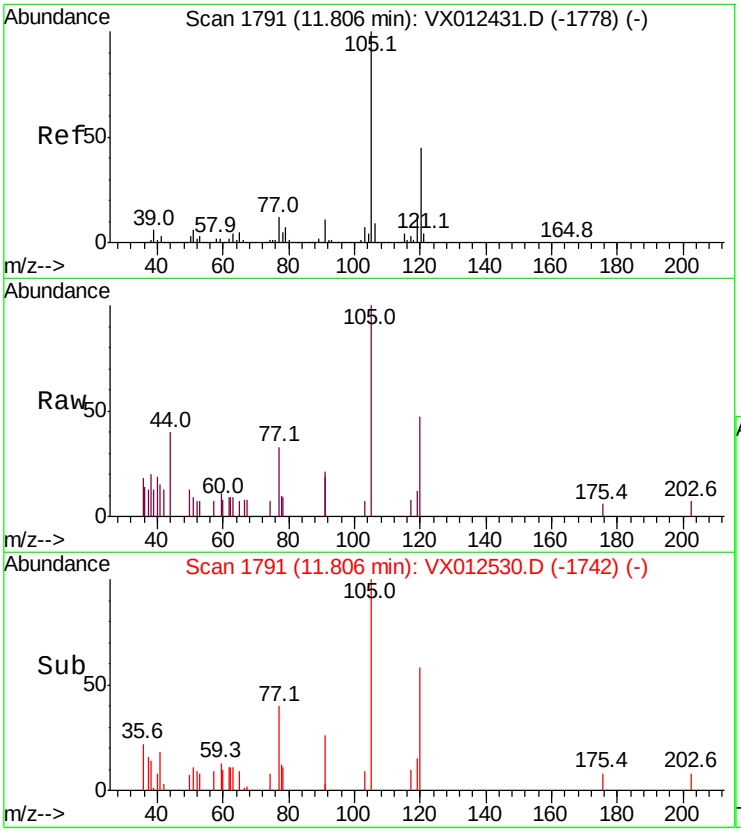


#81
trans-1,4-Dichloro-2-butene
Concen: 75.433 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX012530.D
Acq: 19 Sep 2019 15:57

Tgt Ion: 75 Resp: 63430

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





#84
1,2,4-Trimethylbenzene
Concen: 0.202 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX012530.D
Acq: 19 Sep 2019 15:57

Instrument :
MSVOA_X
ClientSampleId :
FB-20190911

Tgt Ion:105 Resp: 1090

Ion	Ratio	Lower	Upper
105	100		
120	50.1	22.2	66.6