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

Quantitation Report (Not Reviewed)

Data File : VX012447.D
Acq On : 17 Sep 2019 21:27
Operator : JC/SP
Sample : K4858-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP01-20190909

Quant Time: Sep 18 03:27:34 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	163545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	258957	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	221172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	93815	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	112339	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.86%			
35) Dibromofluoromethane	5.49	113	78574	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.26%			
50) Toluene-d8	8.71	98	304982	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.14%			
62) 4-Bromofluorobenzene	11.14	95	113856	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.54%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	510	0.855	ug/l	80
3) Chloromethane	1.32	50	737	0.820	ug/l #	77
5) Bromomethane	1.64	94	441	1.155	ug/l #	41
6) Chloroethane	1.69	64	400	0.526	ug/l #	45
7) Trichlorofluoromethane	1.92	101	581	0.326	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	2.37	101	14530	11.273	ug/l	99
10) Methyl Iodide	2.50	142	284	4.676	ug/l #	79
11) Tert butyl alcohol	3.03	59	2687	Below Cal	#	92
12) 1,1-Dichloroethene	2.36	96	7656	7.446	ug/l	93
16) Acetone	2.43	43	4531	Below Cal		95
17) Carbon Disulfide	2.56	76	266	1.983	ug/l #	1
18) Methyl Acetate	2.59	43	11444	4.685	ug/l #	54
20) Methylene Chloride	2.86	84	710	0.501	ug/l #	78
24) 1,1-Dichloroethane	3.69	63	3174	1.184	ug/l #	92
27) cis-1,2-Dichloroethene	4.59	96	6220	3.900	ug/l	86
29) Tetrahydrofuran	5.11	42	293	0.326	ug/l #	34
30) Chloroform	5.21	83	2819	0.915	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	975	0.379	ug/l #	37
36) 1,1-Dichloropropene	5.65	75	14383	9.139	ug/l #	53
38) Carbon Tetrachloride	5.78	117	1335	0.682	ug/l #	68
39) Methylcyclohexane	7.21	83	22661	14.812	ug/l #	1
42) 1,2-Dichloroethane	6.20	62	1178	0.507	ug/l #	75
44) Trichloroethene	7.21	130	1898939	1442.422	ug/l	96
49) 1,4-Dioxane	7.75	88	1669	33.551	ug/l #	91
55) 1,1,2-Trichloroethane	9.21	97	1624	0.977	ug/l	87
60) Dibromochloromethane	9.33	129	9792	5.786	ug/l #	11
64) Tetrachloroethene	9.33	164	9523	9.396	ug/l	93
71) Bromoform	11.12	173	49	2.905	ug/l #	29
76) 1,2,3-Trichloropropane	11.14	75	60053	27.867	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	60053	74.863	ug/l #	8

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

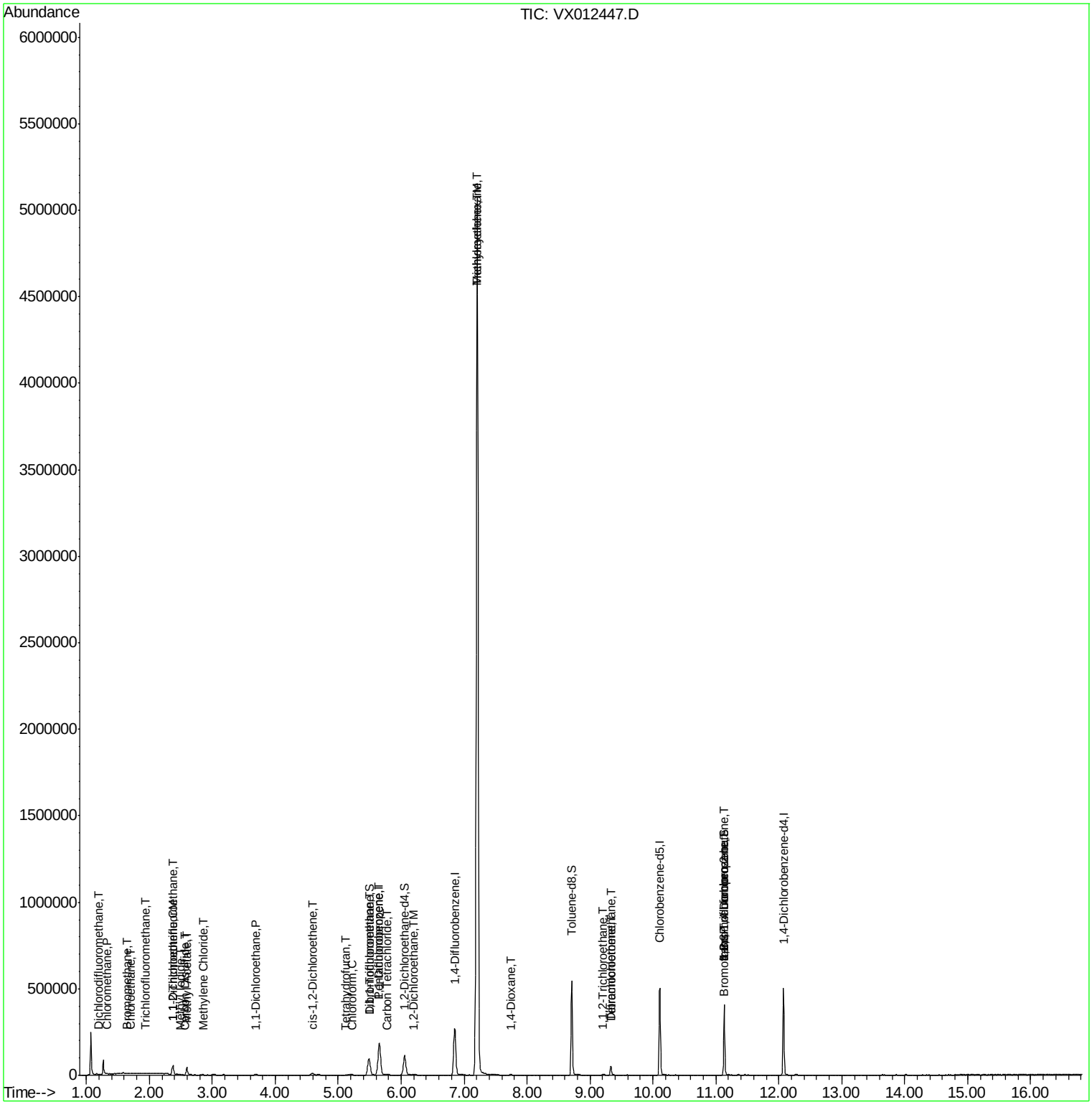
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091719\

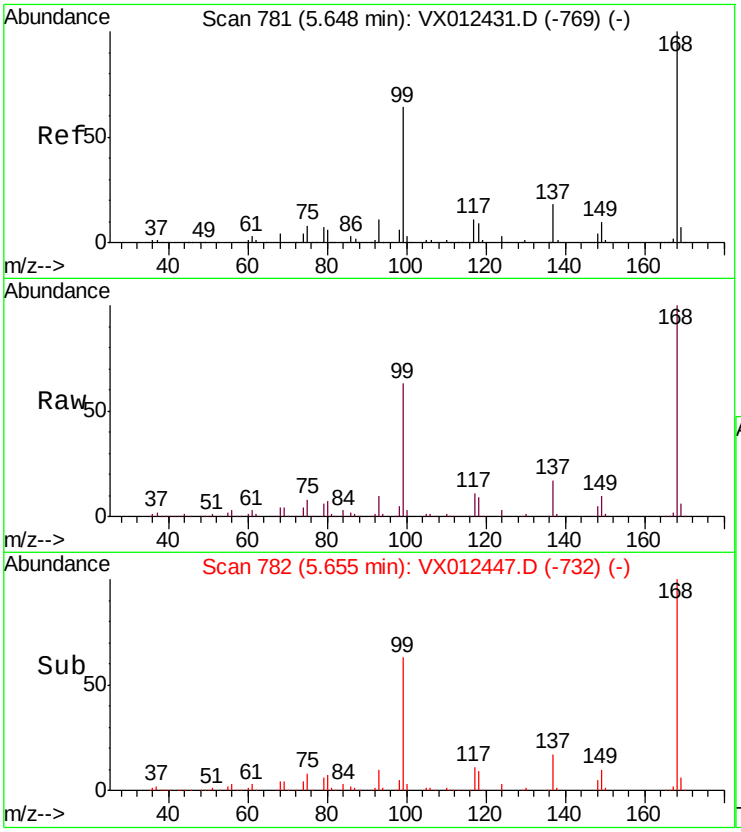
Quantitation Report (Not Reviewed)

Data File : VX012447.D
Acq On : 17 Sep 2019 21:27
Operator : JC/SP
Sample : K4858-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190909

Quant Time: Sep 18 03:27:34 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



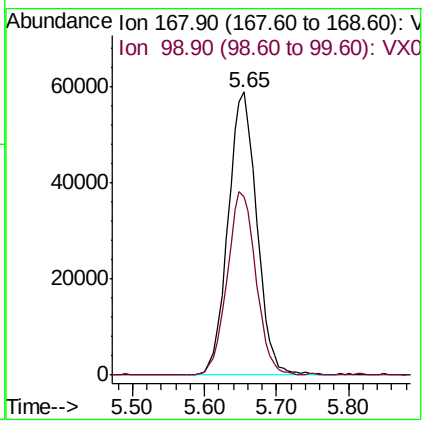


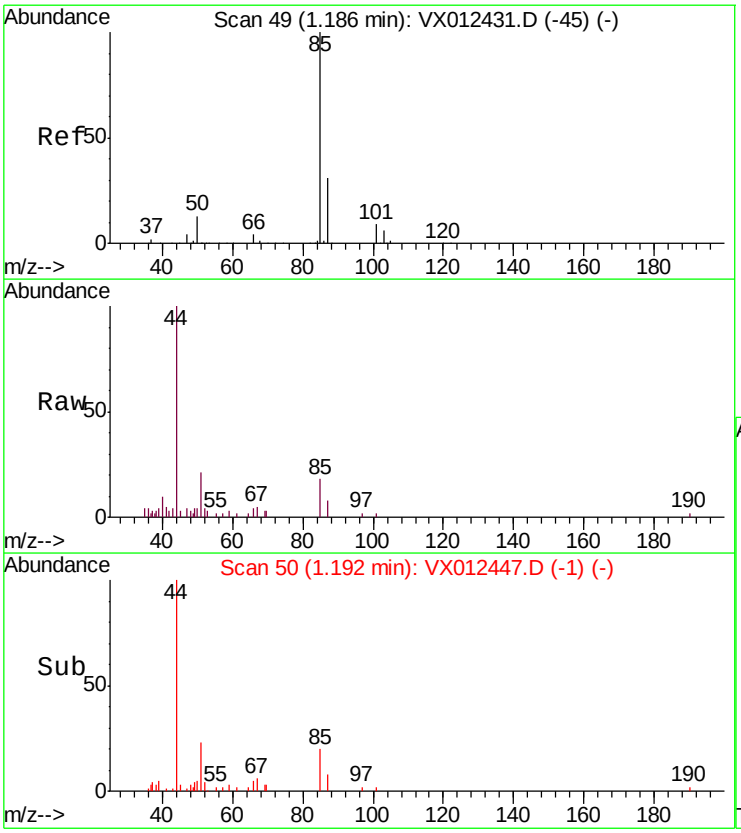
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190909

Tgt Ion:168 Resp: 163545

Ion	Ratio	Lower	Upper
168	100		
99	63.1	51.4	77.2

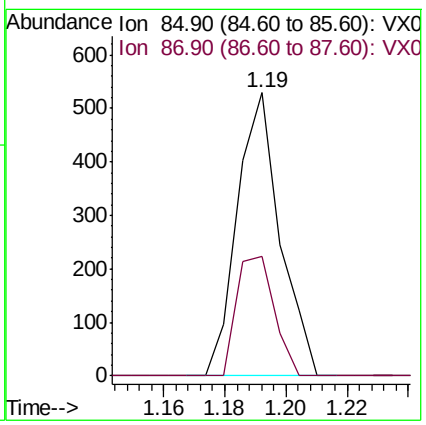


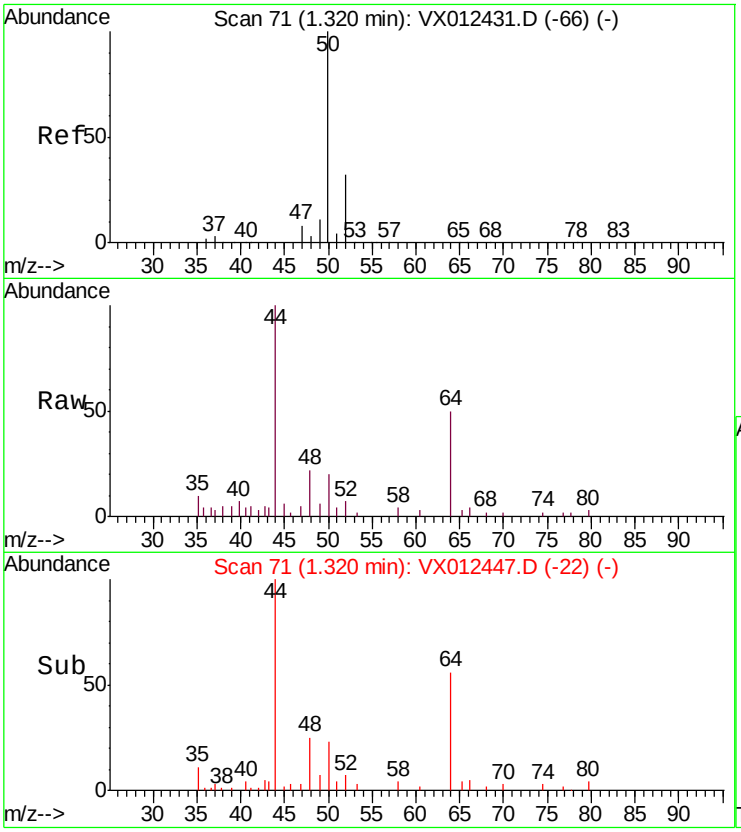


#2
Dichlorodifluoromethane
Concen: 0.855 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Tgt Ion: 85 Resp: 510

Ion	Ratio	Lower	Upper
85	100		
87	42.3	15.6	46.8



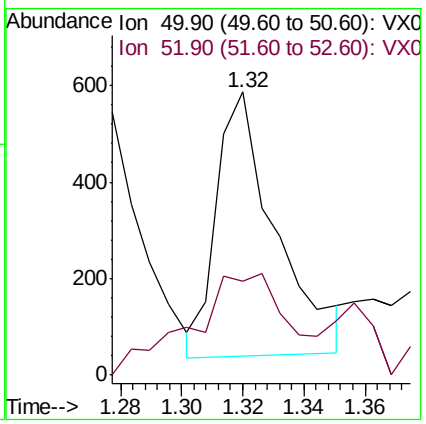


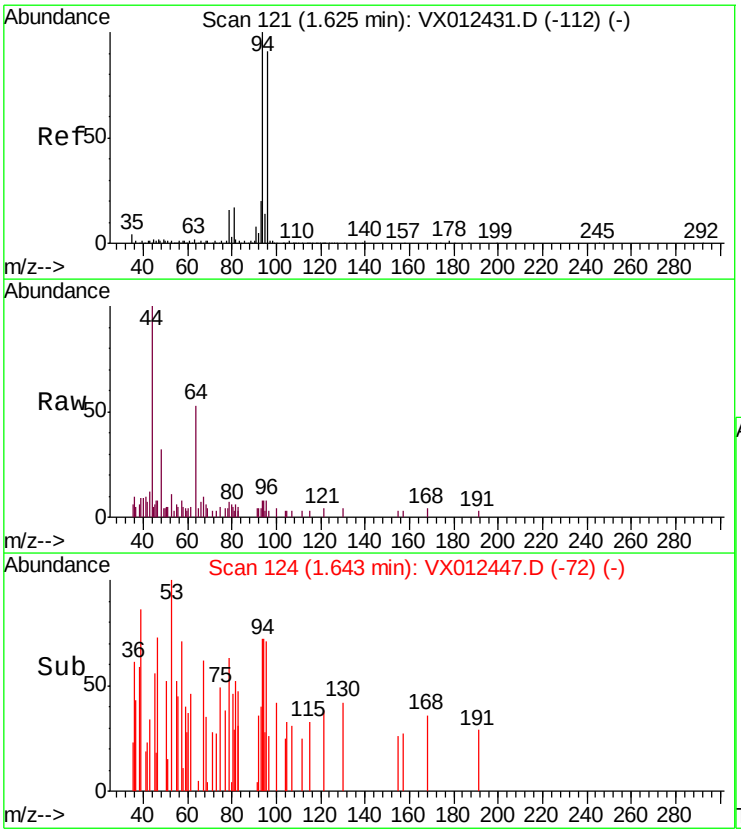
#3
Chloromethane
Concen: 0.820 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190909

Tgt Ion: 50 Resp: 737

Ion	Ratio	Lower	Upper
50	100		
52	19.2	25.7	38.5#

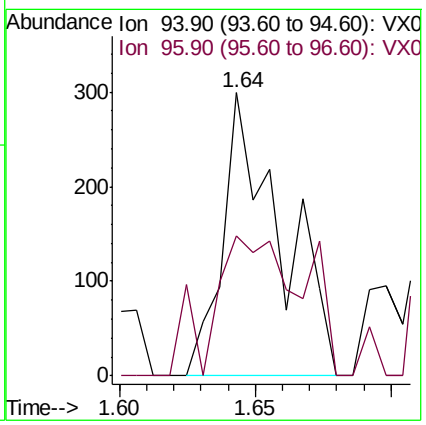


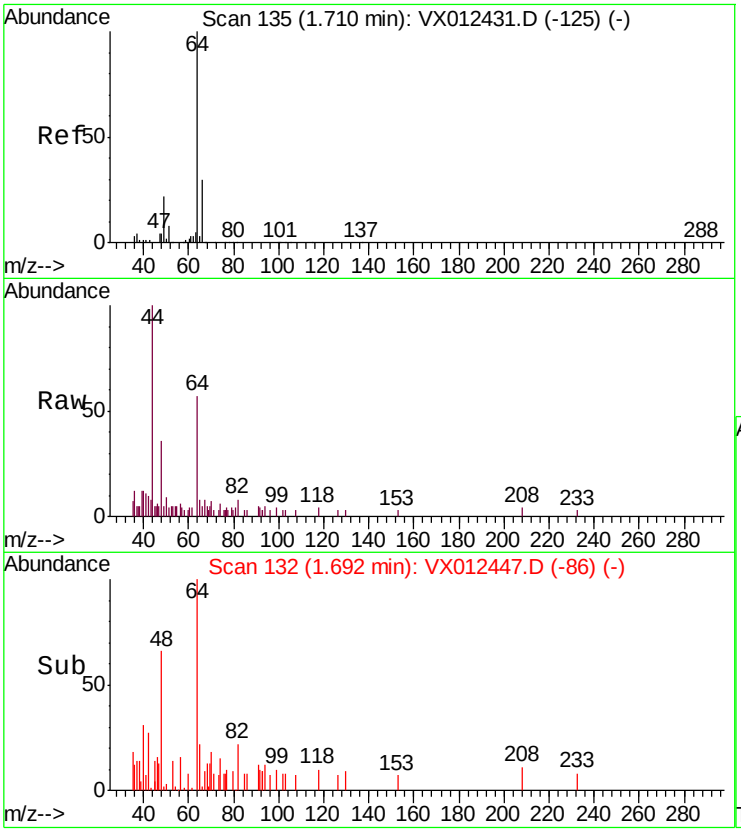


#5
Bromomethane
Concen: 1.155 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.02 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Tgt Ion: 94 Resp: 441

Ion	Ratio	Lower	Upper
94	100		
96	35.1	72.8	109.2#



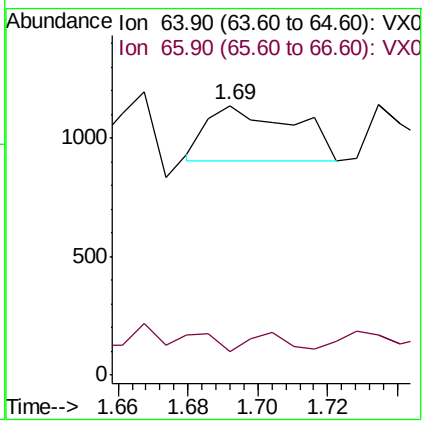


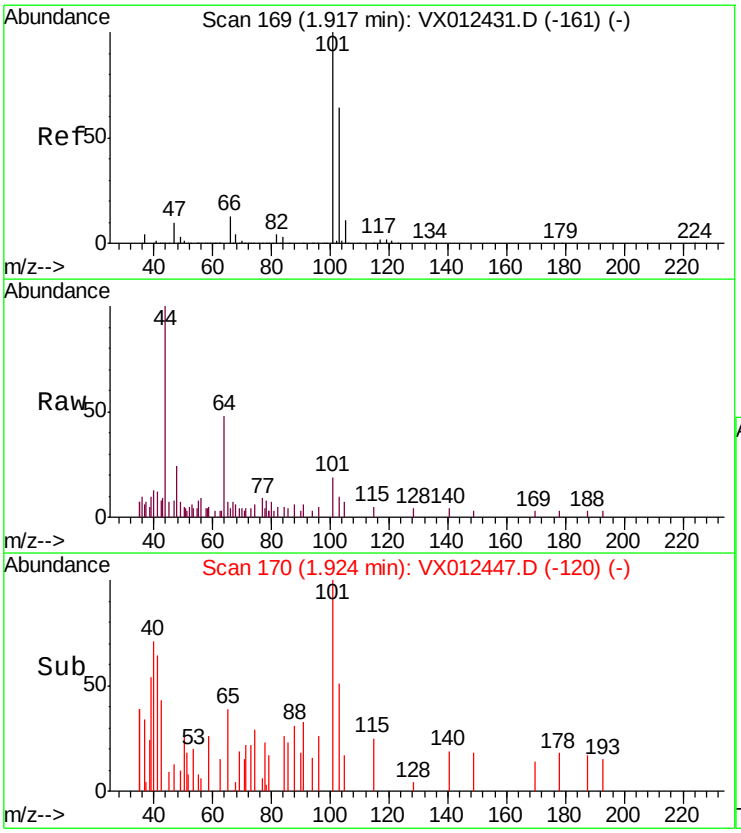
#6
Chloroethane
Concen: 0.526 ug/l
RT: 1.69 min Scan# 132
Delta R.T. -0.02 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190909

Tgt Ion: 64 Resp: 400

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.0	36.0#

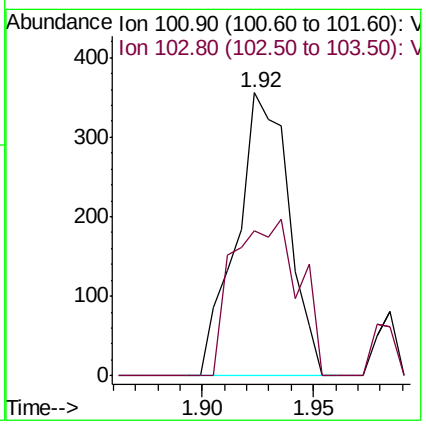


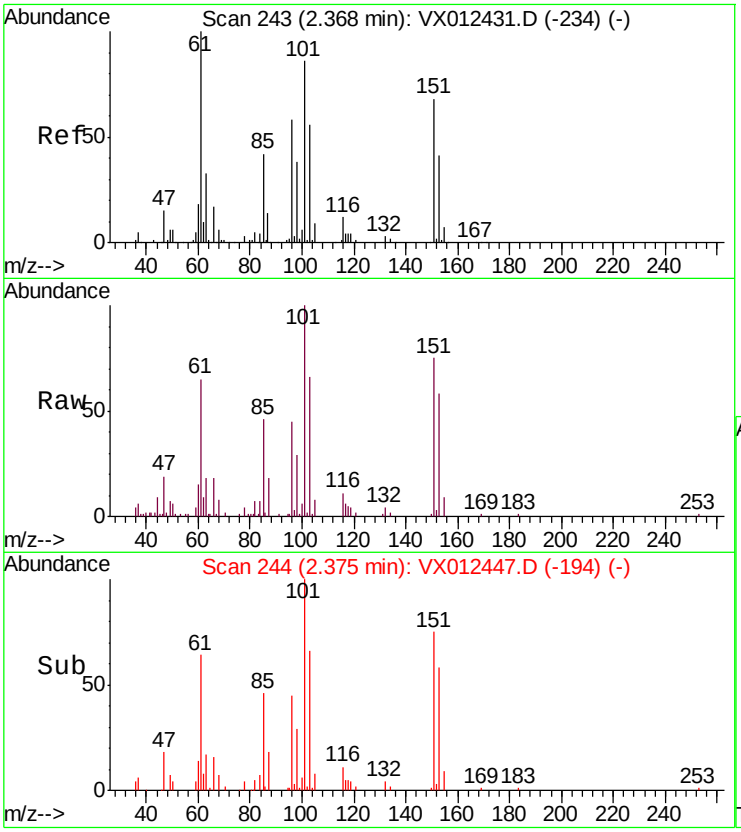


#7
Trichlorofluoromethane
Concen: 0.326 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Tgt Ion:101 Resp: 581

Ion	Ratio	Lower	Upper
101	100		
103	51.1	51.0	76.4



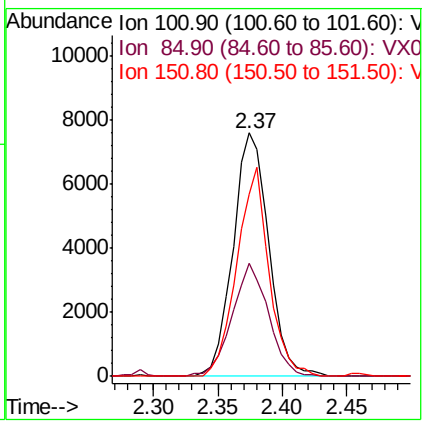


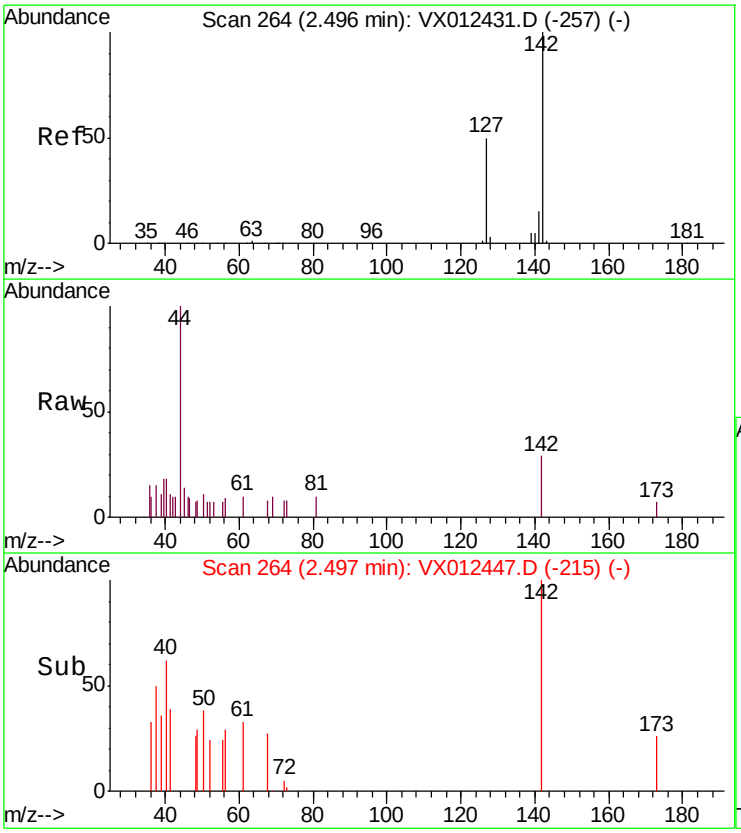
#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.273 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190909

Tgt Ion:101 Resp: 14530

Ion	Ratio	Lower	Upper
101	100		
85	47.5	37.3	55.9
151	77.2	61.0	91.4

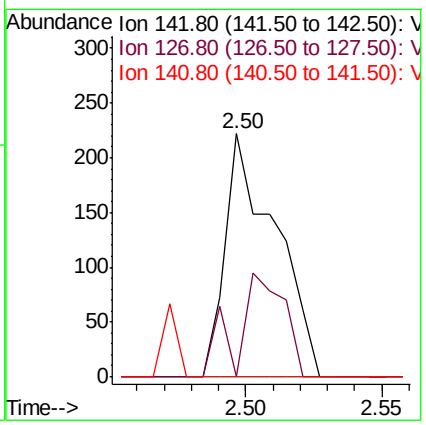


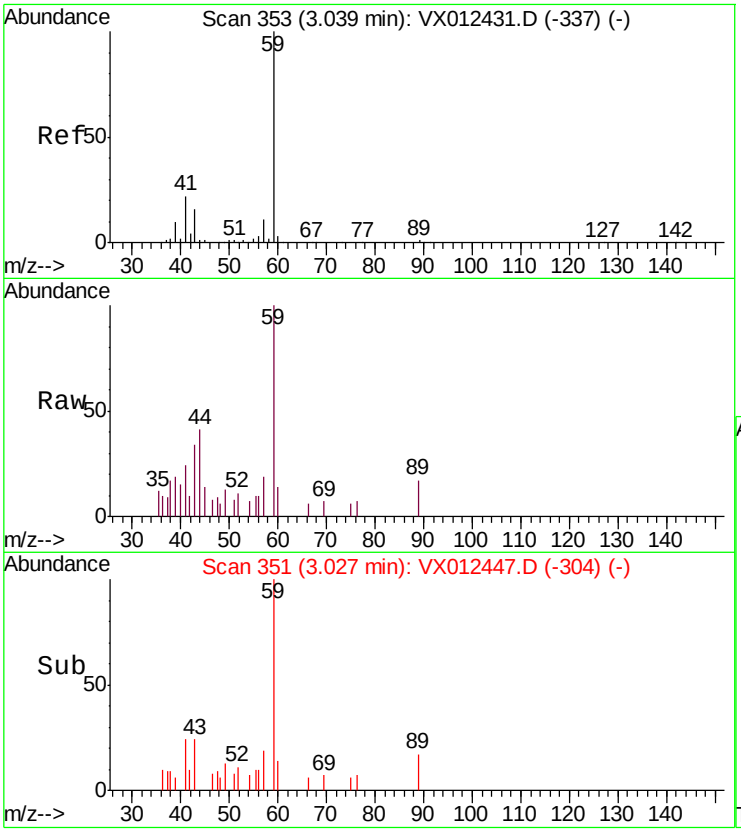


#10
Methyl Iodide
Concen: 4.676 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Tgt Ion:142 Resp: 284

Ion	Ratio	Lower	Upper
142	100		
127	39.4	40.8	61.2#
141	0.0	12.1	18.1#



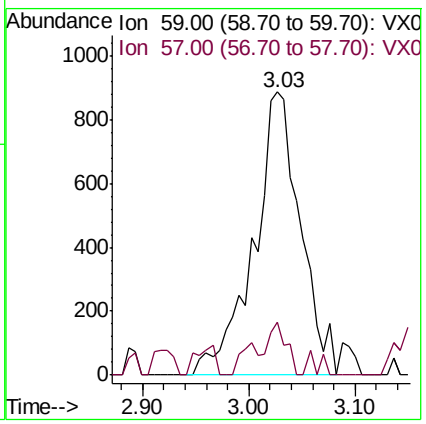


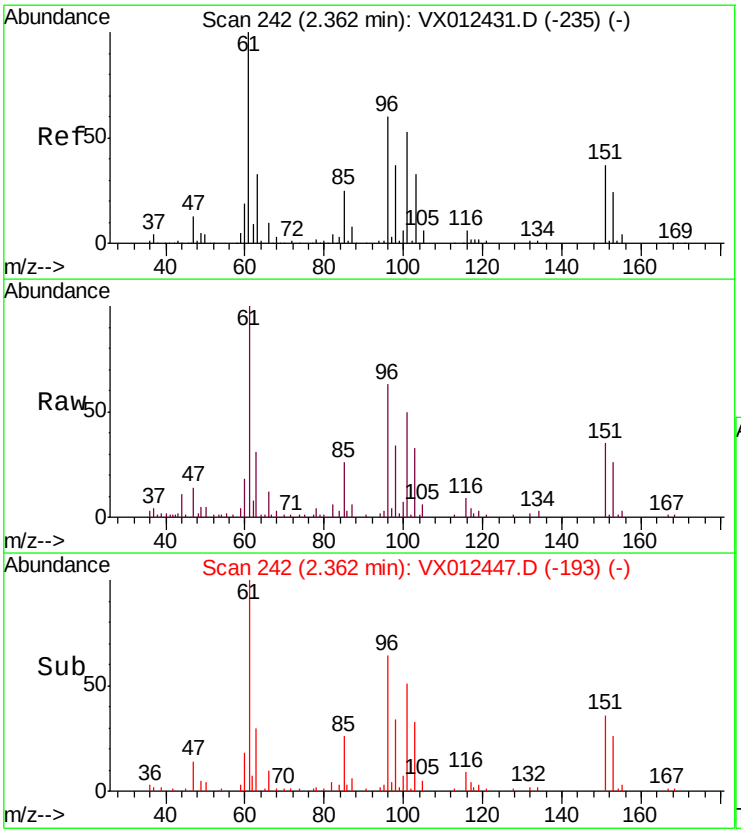
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190909

Tgt Ion: 59 Resp: 2687

Ion	Ratio	Lower	Upper
59	100		
57	7.6	8.3	12.5#

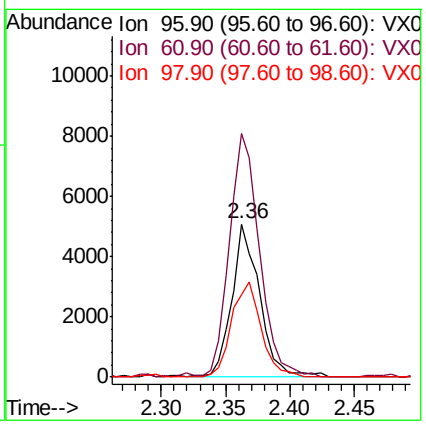


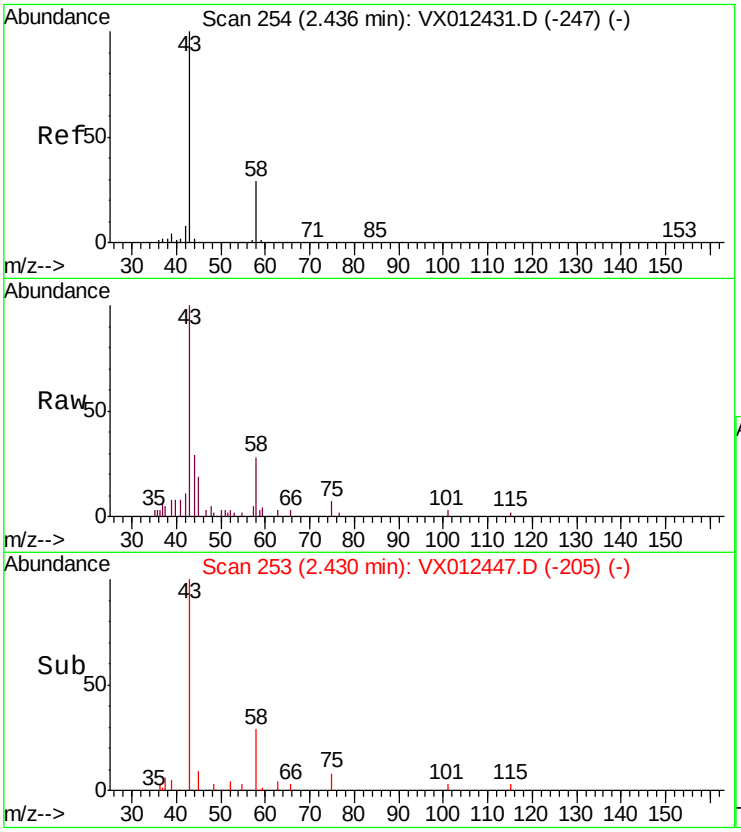


#12
1,1-Dichloroethene
Concen: 7.446 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Tgt Ion: 96 Resp: 7656

Ion	Ratio	Lower	Upper
96	100		
61	159.0	133.8	200.6
98	53.8	49.9	74.9



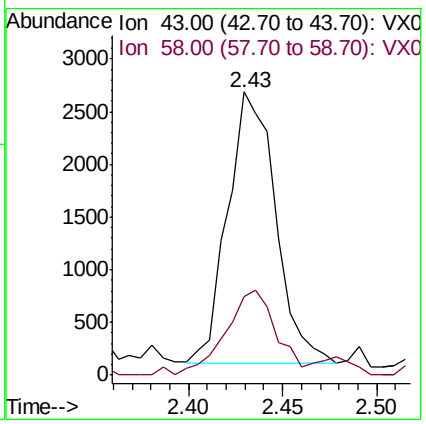


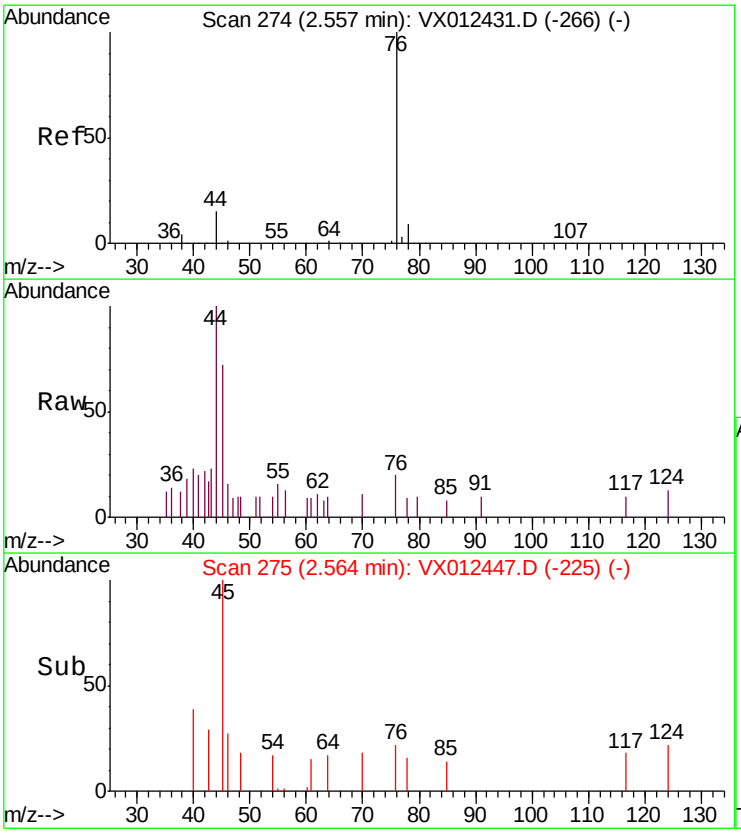
#16
Acetone
Concen: Below Cal
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190909

Tgt Ion: 43 Resp: 4531

Ion	Ratio	Lower	Upper
43	100		
58	26.3	23.3	34.9

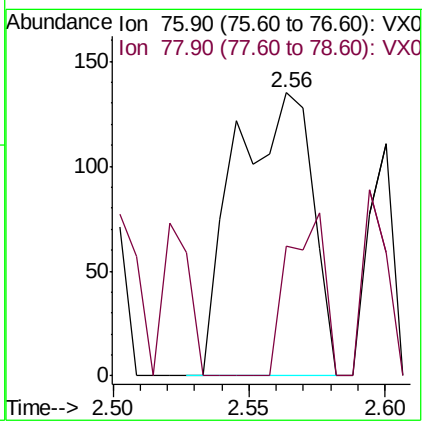


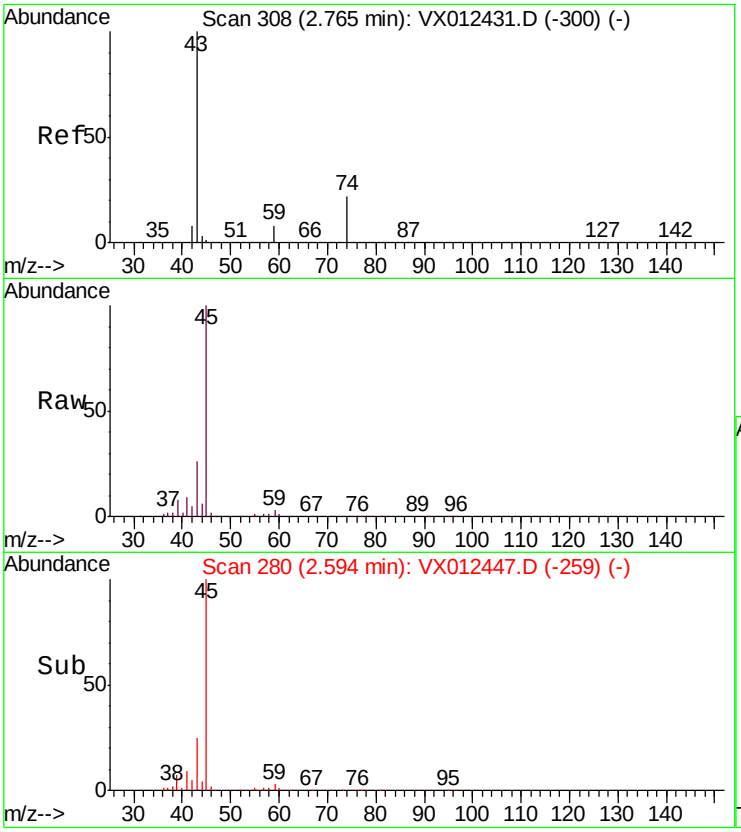


#17
Carbon Disulfide
Concen: 1.983 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Tgt Ion: 76 Resp: 266

Ion	Ratio	Lower	Upper
76	100		
78	45.9	7.3	10.9#



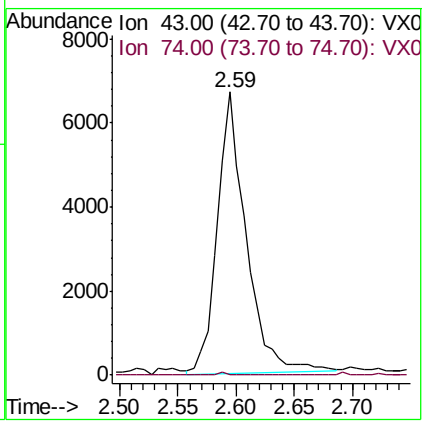


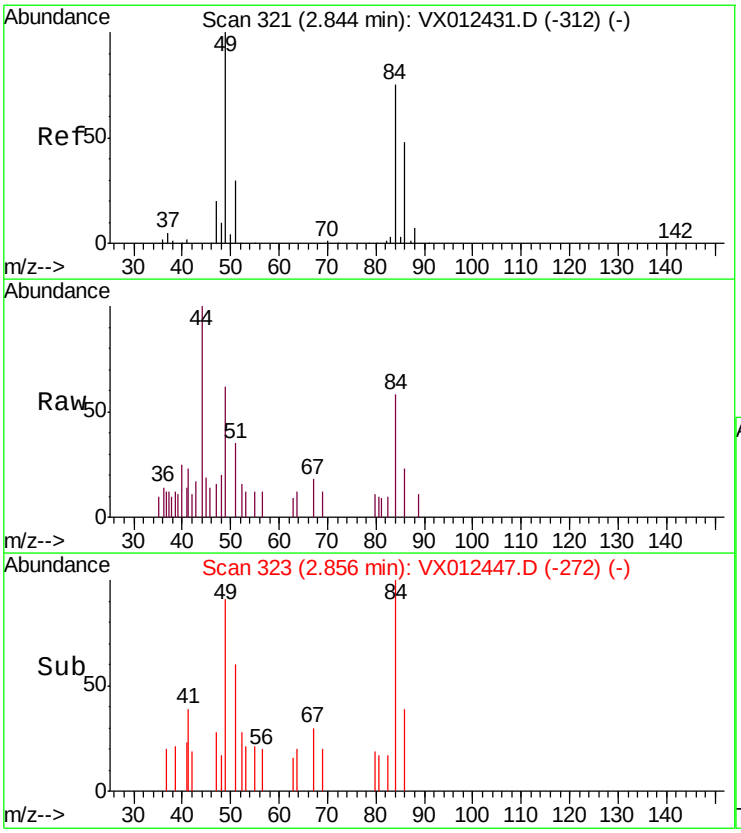
#18
Methyl Acetate
Concen: 4.685 ug/l
RT: 2.59 min Scan# 280
Delta R.T. -0.17 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190909

Tgt Ion: 43 Resp: 11444

Ion	Ratio	Lower	Upper
43	100		
74	0.2	17.7	26.5#

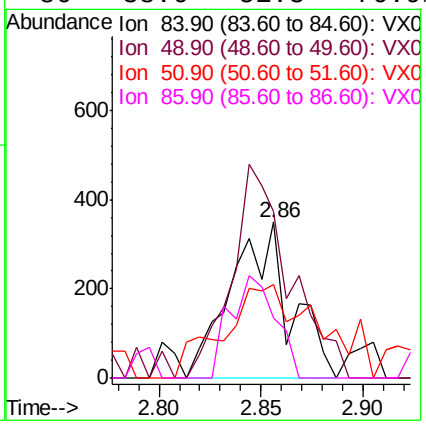


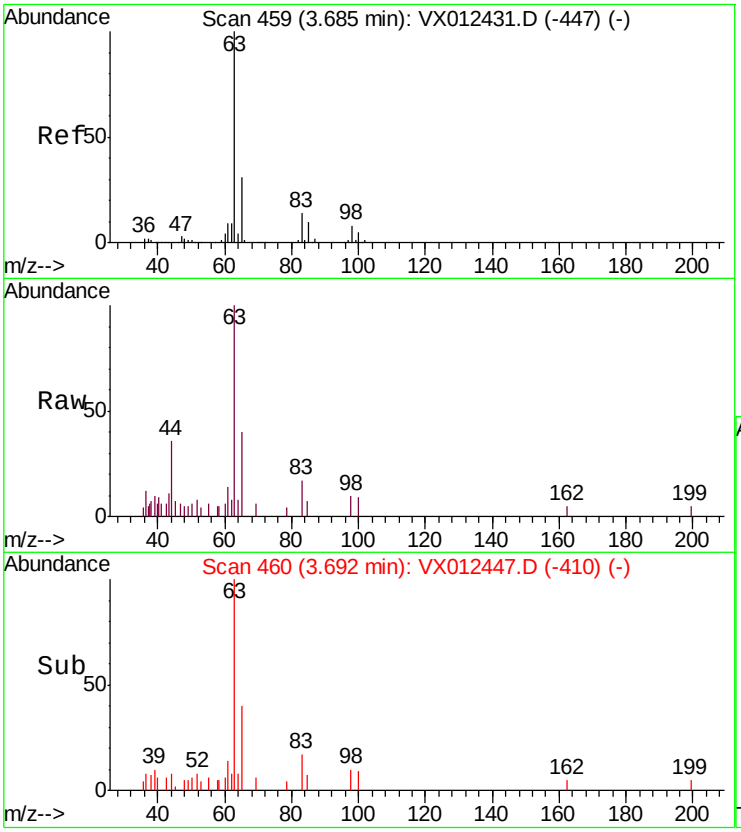


#20
Methylene Chloride
Concen: 0.501 ug/l
RT: 2.86 min Scan# 323
Delta R.T. 0.01 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Tgt Ion: 84 Resp: 710

Ion	Ratio	Lower	Upper
84	100		
49	106.3	106.8	160.2#
51	37.4	32.3	48.5
86	38.6	51.3	76.9#



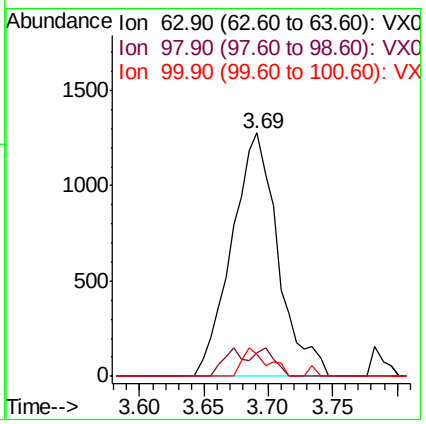


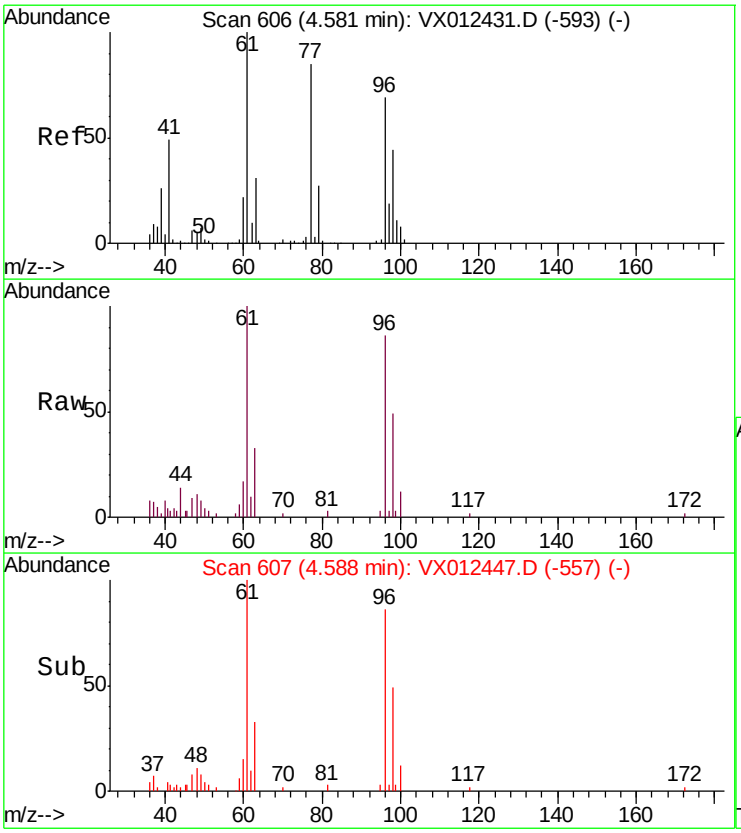
#24
1,1-Dichloroethane
Concen: 1.184 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.01 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190909

Tgt Ion: 63 Resp: 3174

Ion	Ratio	Lower	Upper
63	100		
98	9.6	3.9	11.7
100	9.2	2.3	6.9#

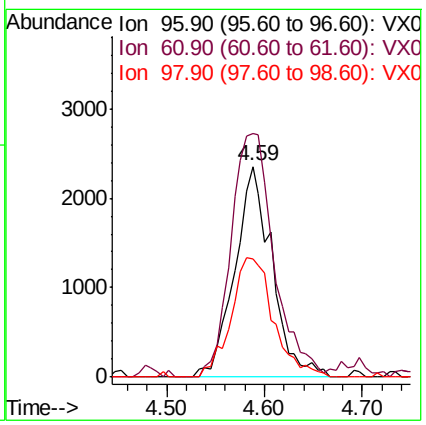


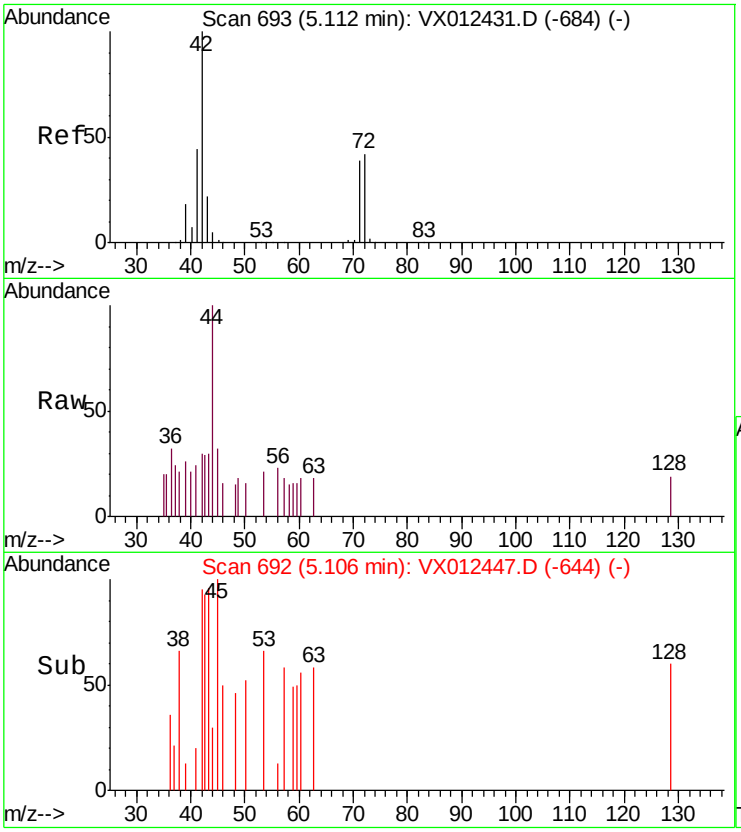


#27
cis-1,2-Dichloroethene
Concen: 3.900 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Tgt Ion: 96 Resp: 6220

Ion	Ratio	Lower	Upper
96	100		
61	133.5	0.0	319.4
98	64.6	0.0	130.6



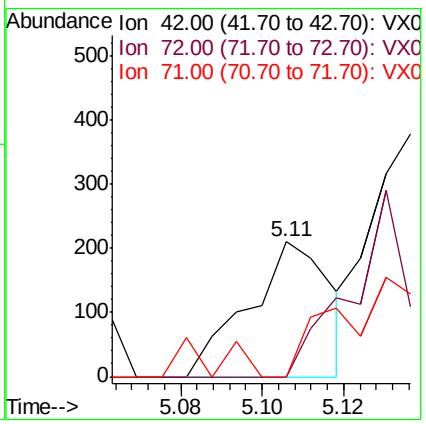


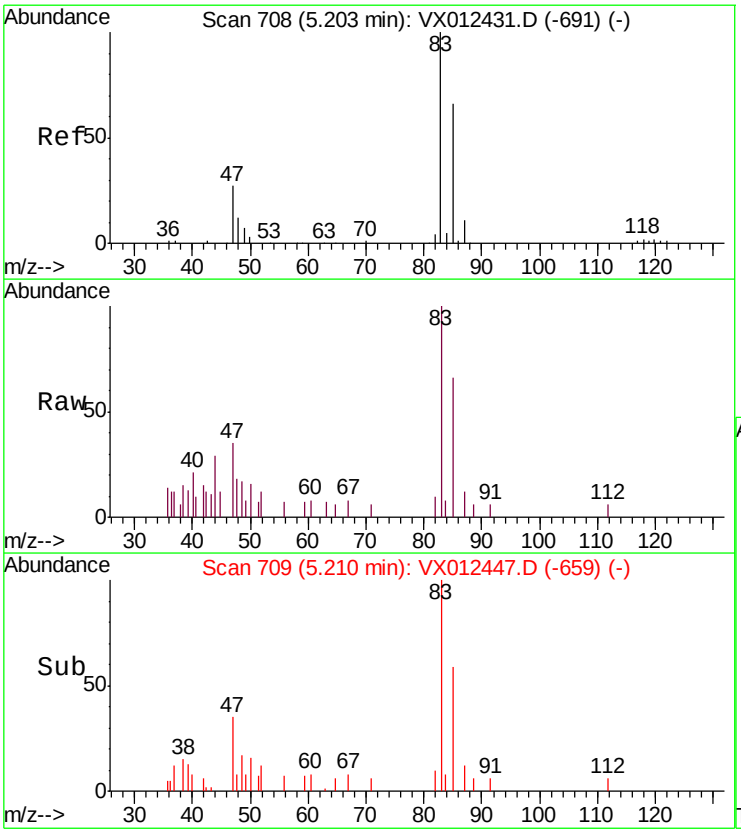
#29
Tetrahydrofuran
Concen: 0.326 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190909

Tgt Ion: 42 Resp: 293

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.0	51.0#
71	0.0	31.5	47.3#

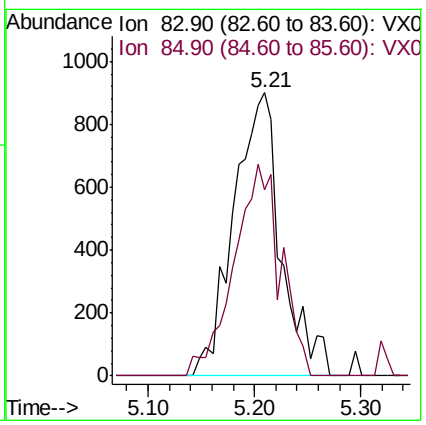


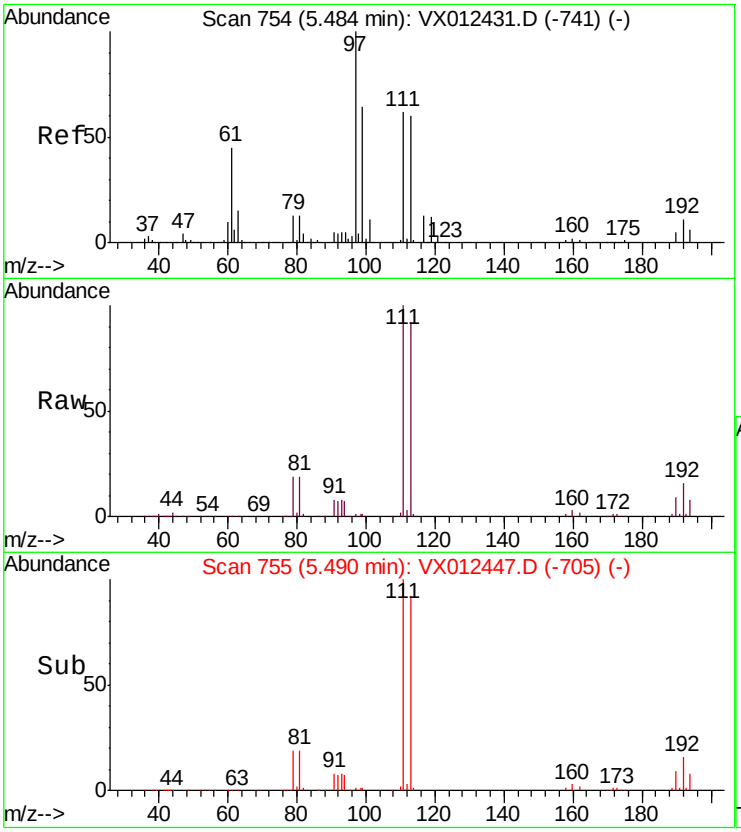


#30
Chloroform
Concen: 0.915 ug/l
RT: 5.21 min Scan# 709
Delta R.T. 0.01 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Tgt Ion: 83 Resp: 2819

Ion	Ratio	Lower	Upper
83	100		
85	65.8	53.0	79.4



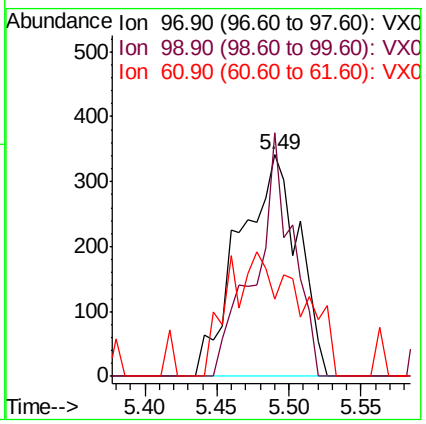


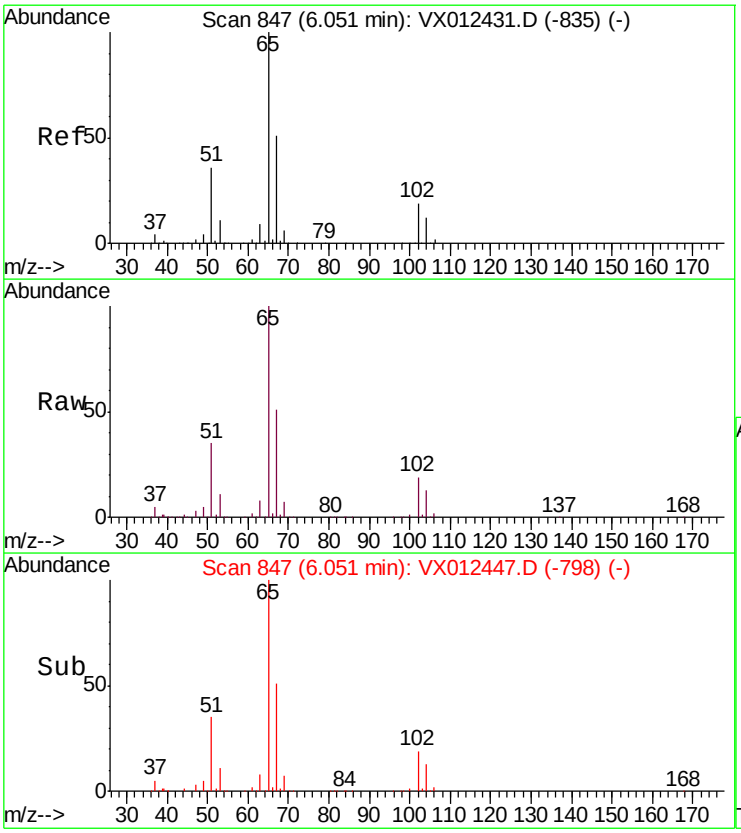
#32
1,1,1-Trichloroethane
Concen: 0.379 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190909

Tgt Ion: 97 Resp: 975

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.3	76.9#
61	68.4	36.1	54.1#

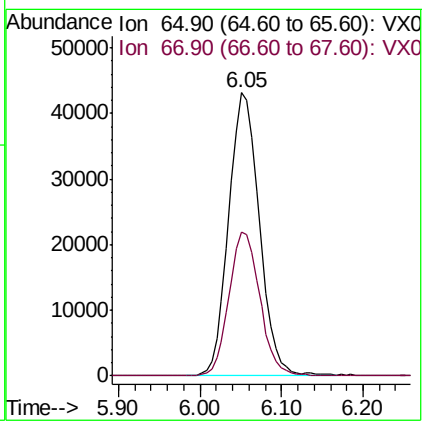


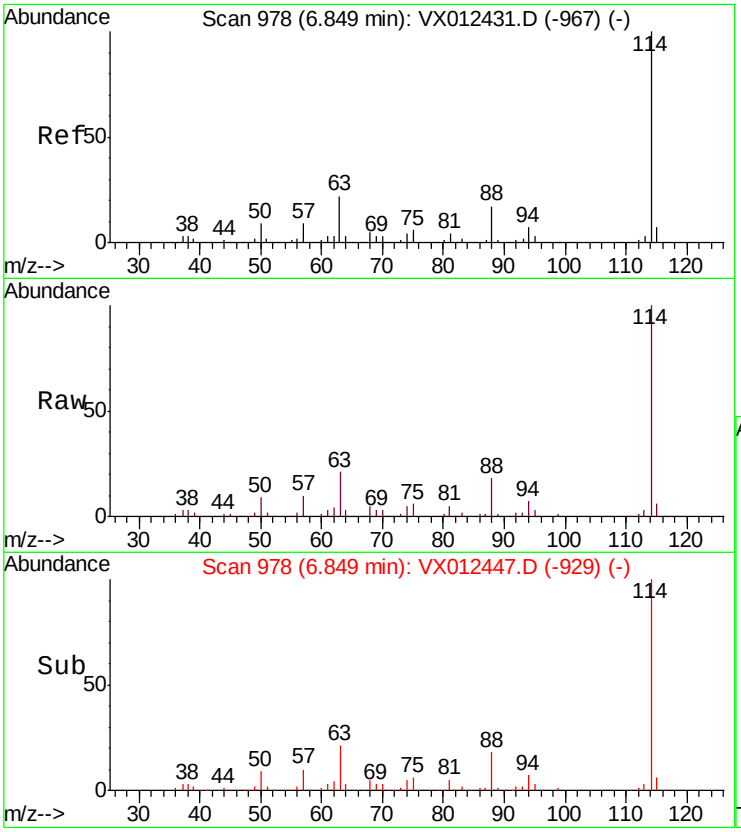


#33
1,2-Dichloroethane-d4
Concen: 47.928 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Tgt Ion: 65 Resp: 112339

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	101.2



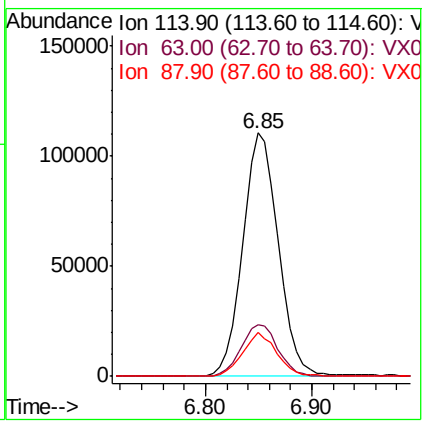


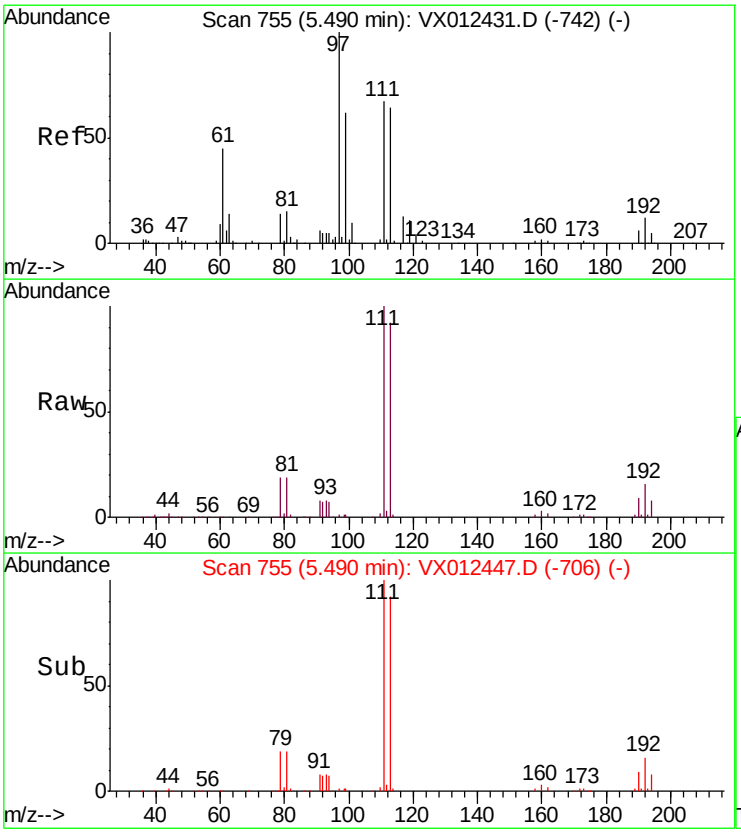
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190909

Tgt Ion:114 Resp: 258957

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.2
88	17.9	0.0	33.2

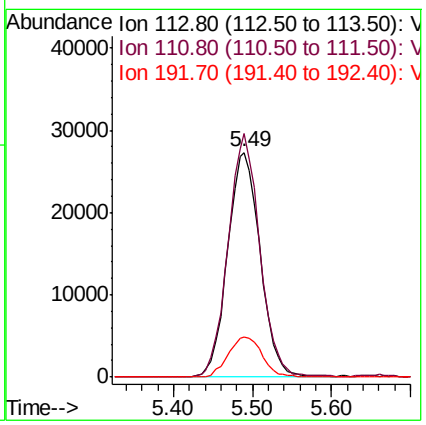


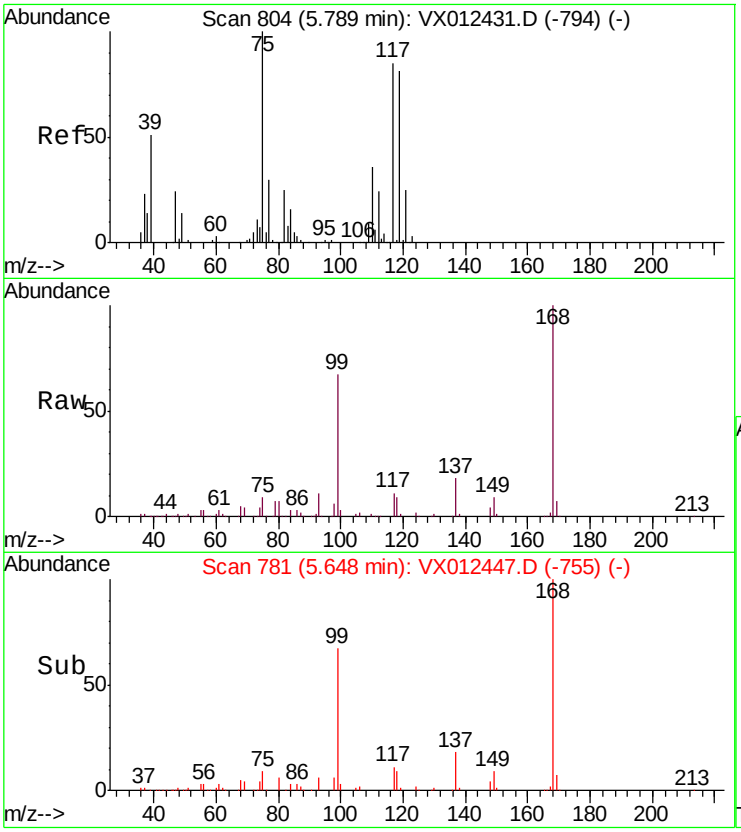


#35
Dibromofluoromethane
Concen: 50.131 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Tgt Ion:113 Resp: 78574

Ion	Ratio	Lower	Upper
113	100		
111	105.3	83.4	125.2
192	18.7	14.4	21.6



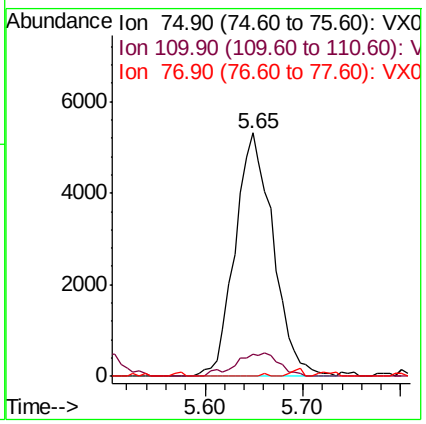


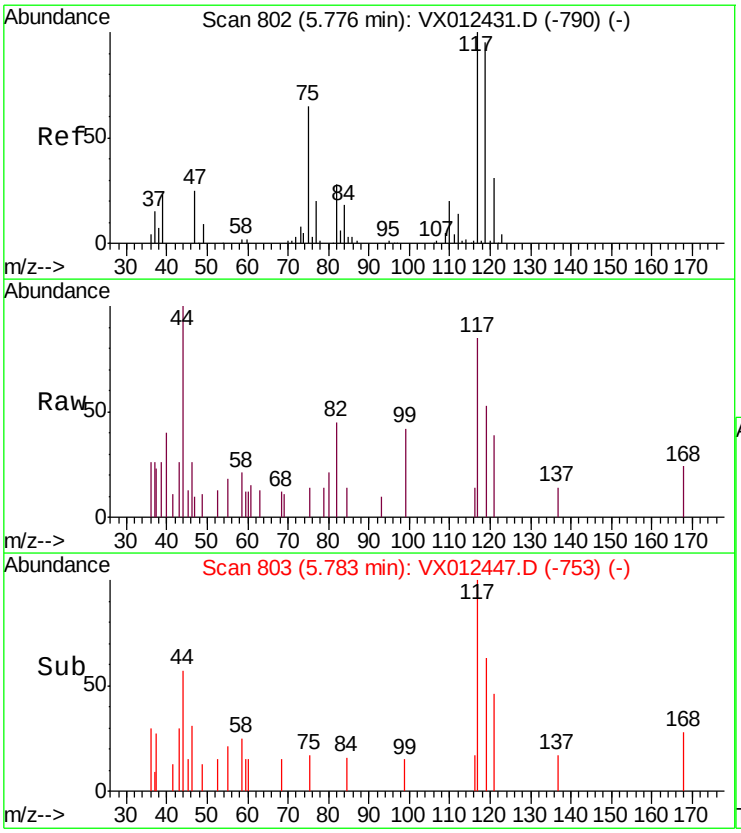
#36
1,1-Dichloropropene
Concen: 9.139 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190909

Tgt Ion: 75 Resp: 14383

Ion	Ratio	Lower	Upper
75	100		
110	10.8	16.7	50.0#
77	0.2	24.2	36.2#

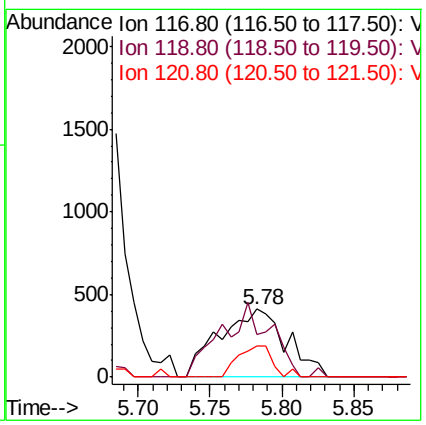


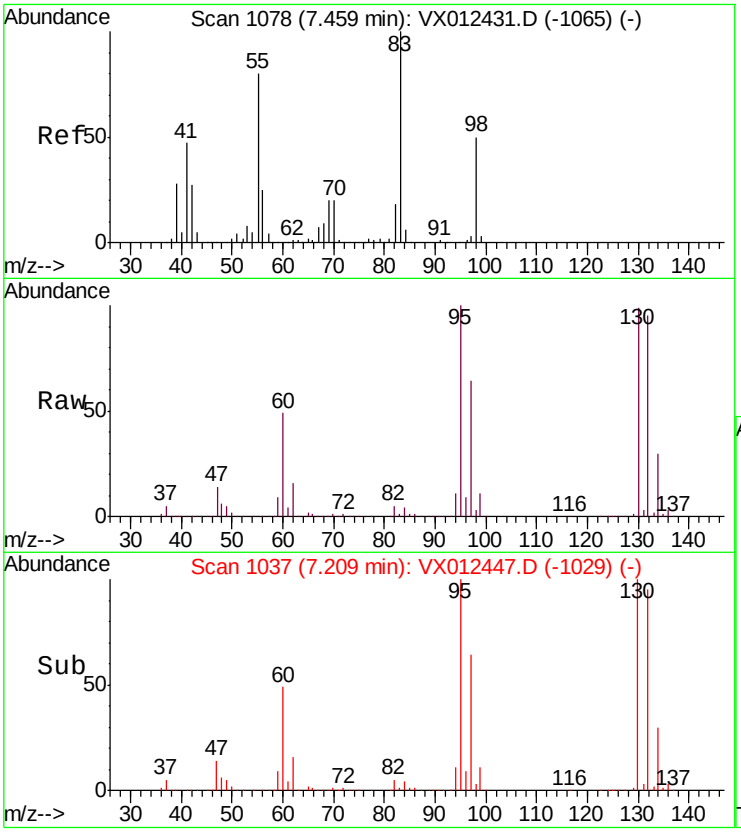


#38
Carbon Tetrachloride
Concen: 0.682 ug/l
RT: 5.78 min Scan# 803
Delta R.T. 0.01 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Tgt Ion:117 Resp: 1335

Ion	Ratio	Lower	Upper
117	100		
119	63.3	75.7	113.5#
121	46.2	24.2	36.4#



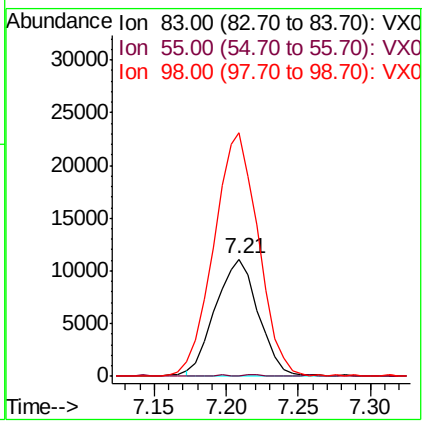


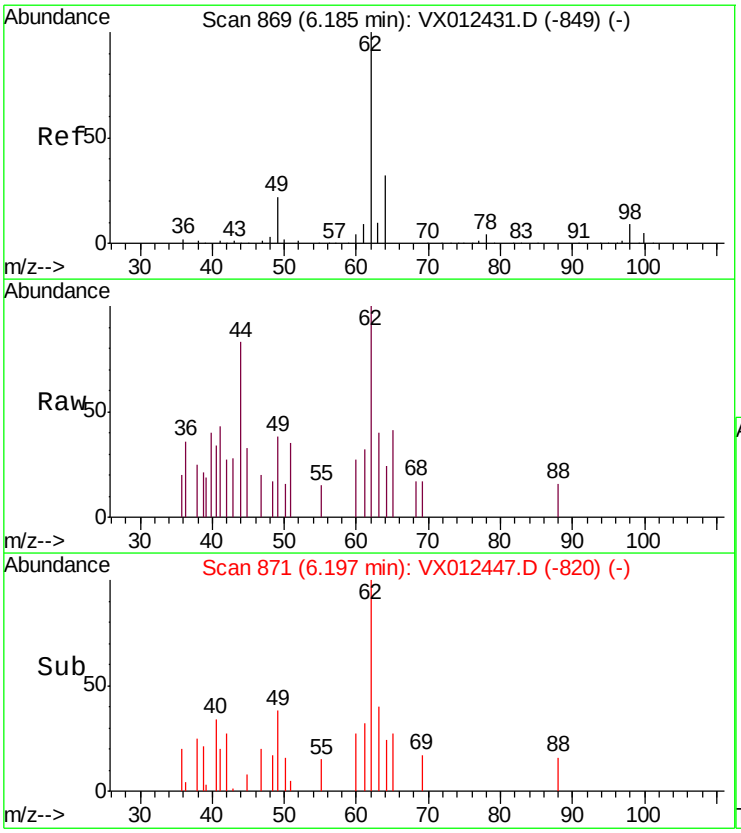
#39
Methylcyclohexane
Concen: 14.812 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.25 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190909

Tgt Ion: 83 Resp: 22661

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.4	96.6#
98	208.3	40.1	60.1#

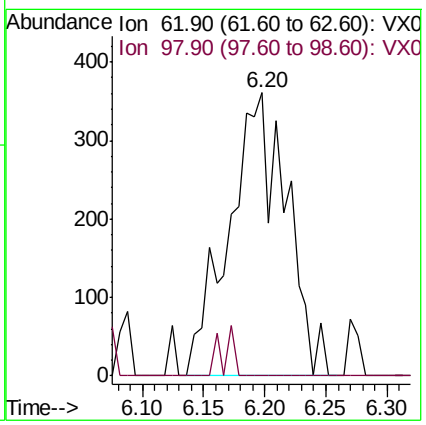


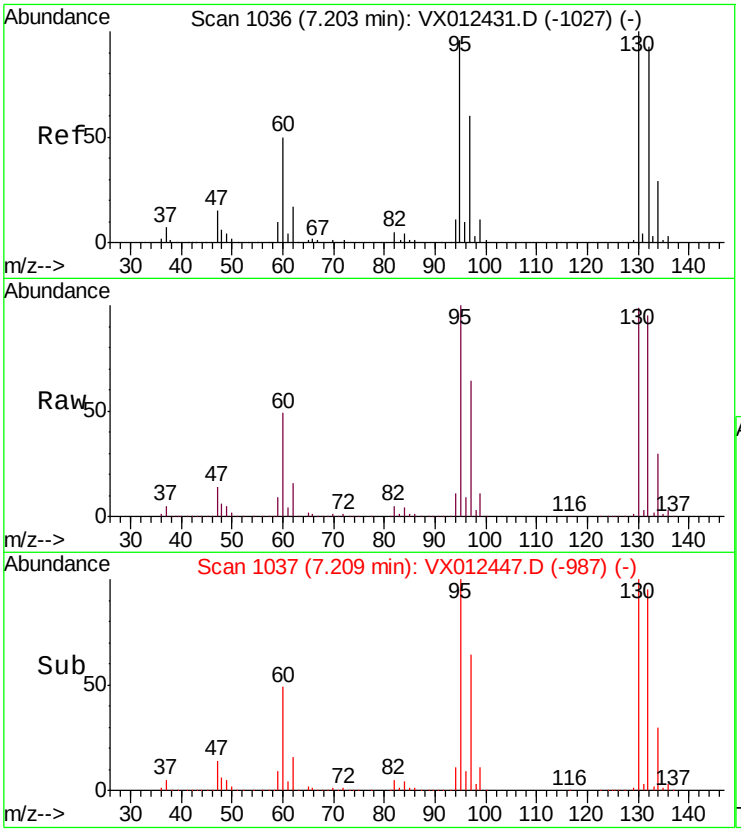


#42
1,2-Dichloroethane
Concen: 0.507 ug/l
RT: 6.20 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Tgt Ion: 62 Resp: 1178

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.8



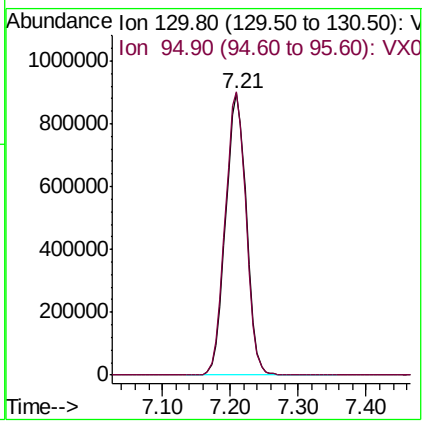


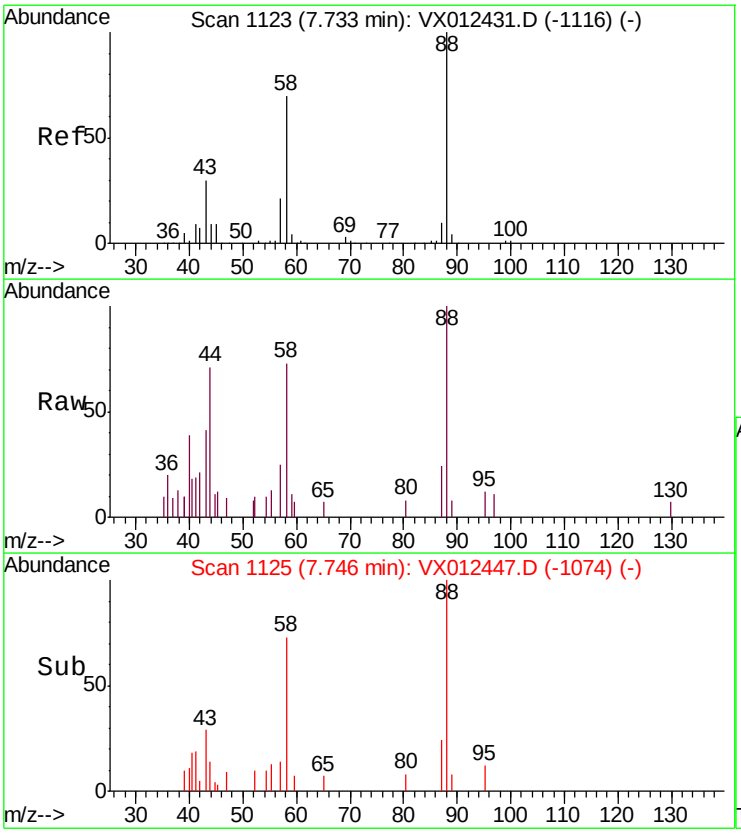
#44
Trichloroethene
Concen: 1442.422 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190909

Tgt Ion:130 Resp: 1898939

Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	193.0

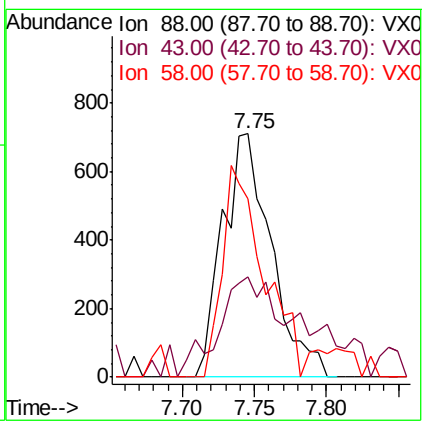


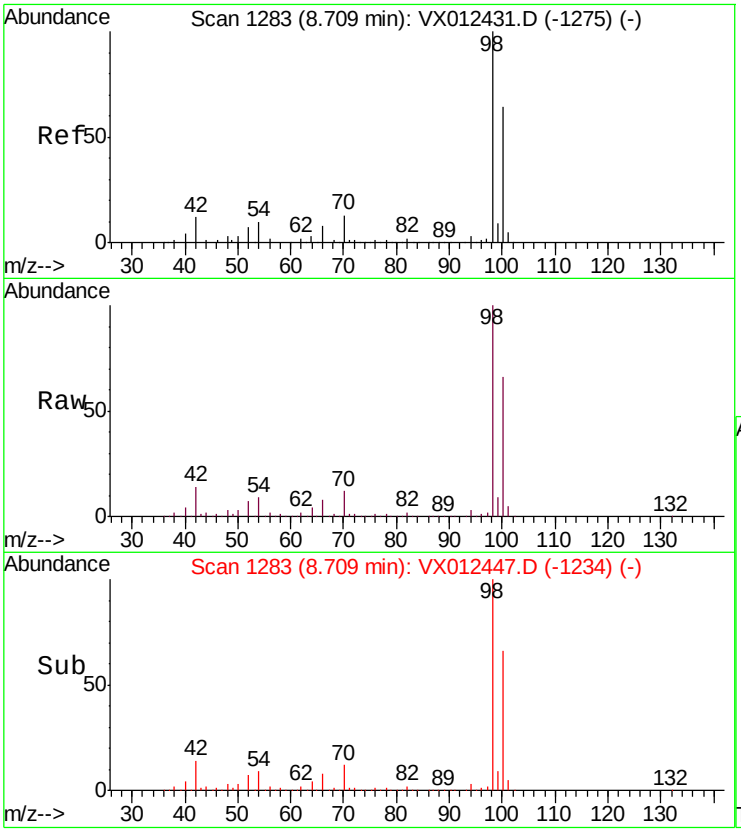


#49
1,4-Dioxane
Concen: 33.551 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Tgt Ion: 88 Resp: 1669

Ion	Ratio	Lower	Upper
88	100		
43	46.4	29.4	44.0#
58	76.0	57.5	86.3



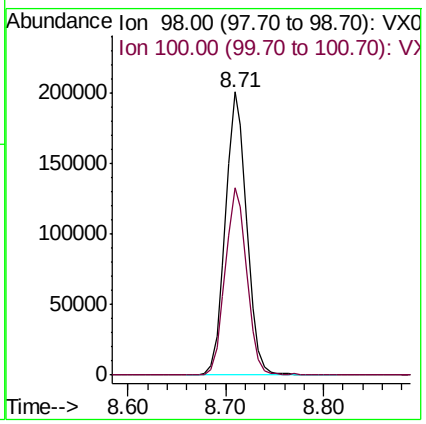


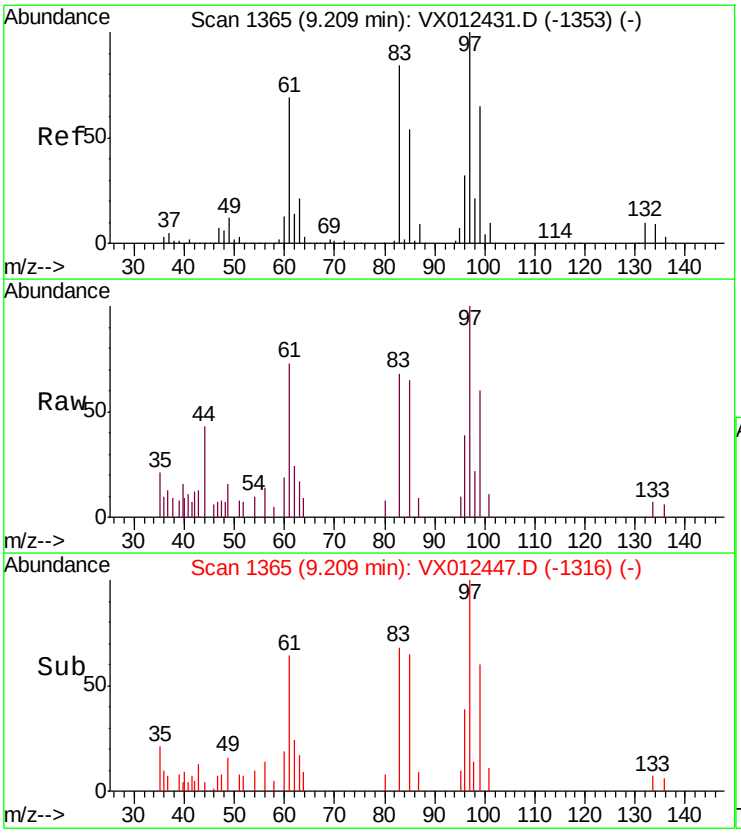
#50
Toluene-d8
Concen: 52.570 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190909

Tgt Ion: 98 Resp: 304982

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.4	80.2

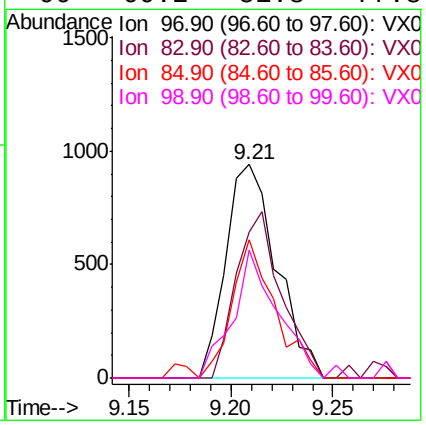


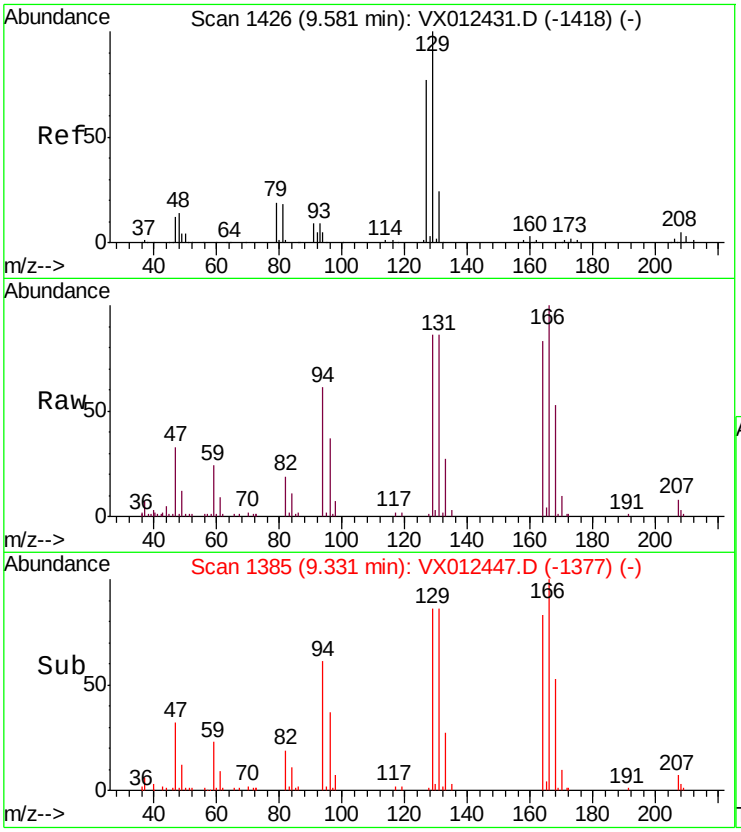


#55
1,1,2-Trichloroethane
Concen: 0.977 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Tgt Ion: 97 Resp: 1624

Ion	Ratio	Lower	Upper
97	100		
83	68.3	67.4	101.2
85	64.9	43.5	65.3
99	60.2	51.8	77.8



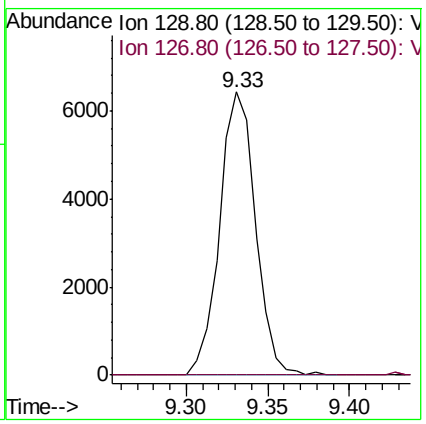


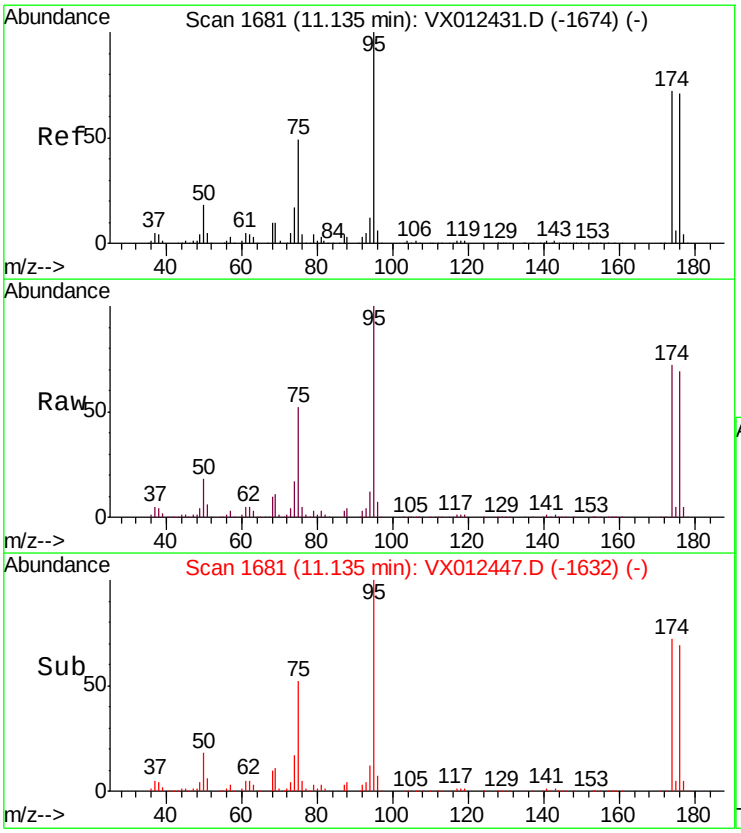
#60
Dibromochloromethane
Concen: 5.786 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.25 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190909

Tgt Ion:129 Resp: 9792

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.9	116.6#

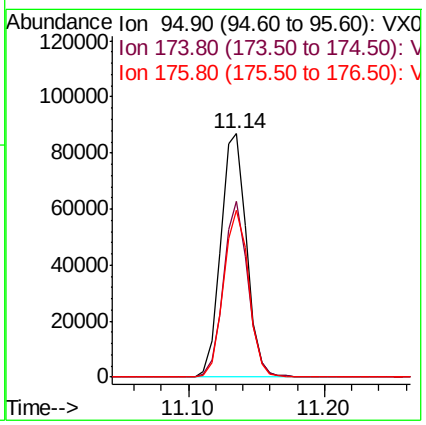


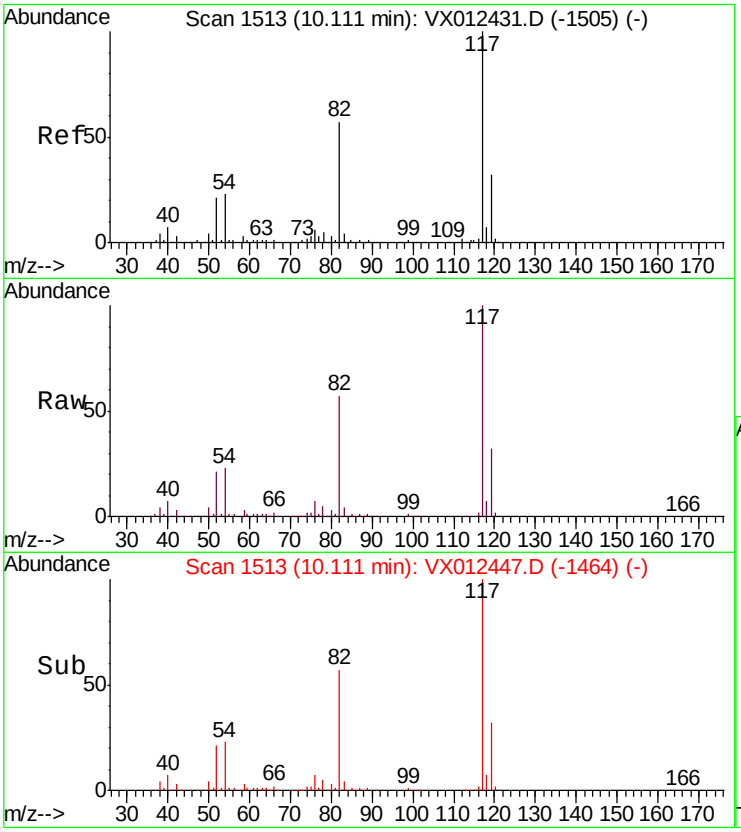


#62
4-Bromofluorobenzene
Concen: 47.266 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Tgt Ion: 95 Resp: 113856

Ion	Ratio	Lower	Upper
95	100		
174	69.1	0.0	140.0
176	67.4	0.0	135.4



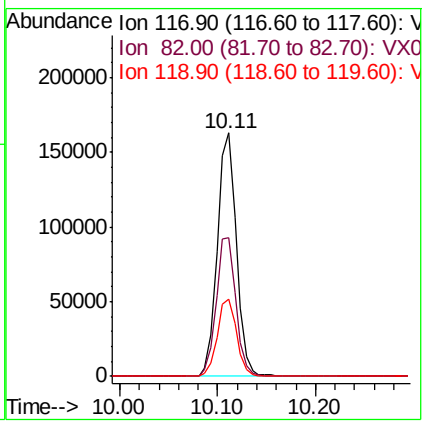


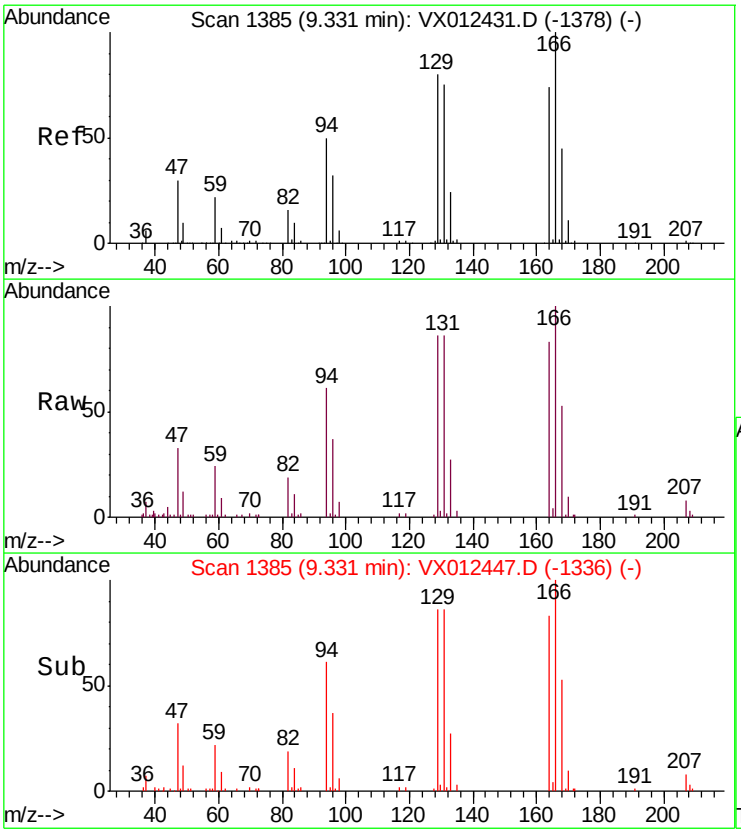
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190909

Tgt Ion:117 Resp: 221172

Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.9	68.9
119	31.7	25.3	37.9

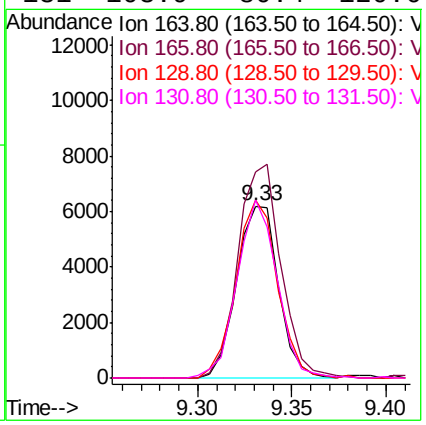


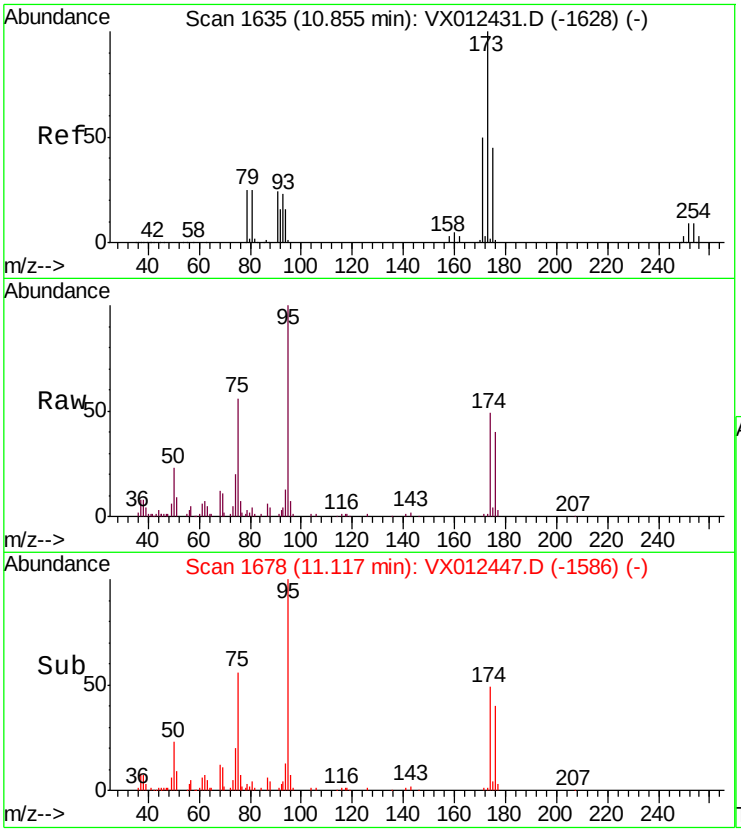


#64
Tetrachloroethene
Concen: 9.396 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Tgt Ion:164 Resp: 9523

Ion	Ratio	Lower	Upper
164	100		
166	120.3	107.8	161.6
129	104.0	86.2	129.2
131	103.9	80.4	120.6



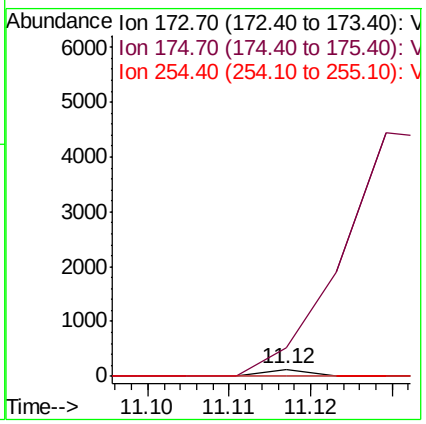


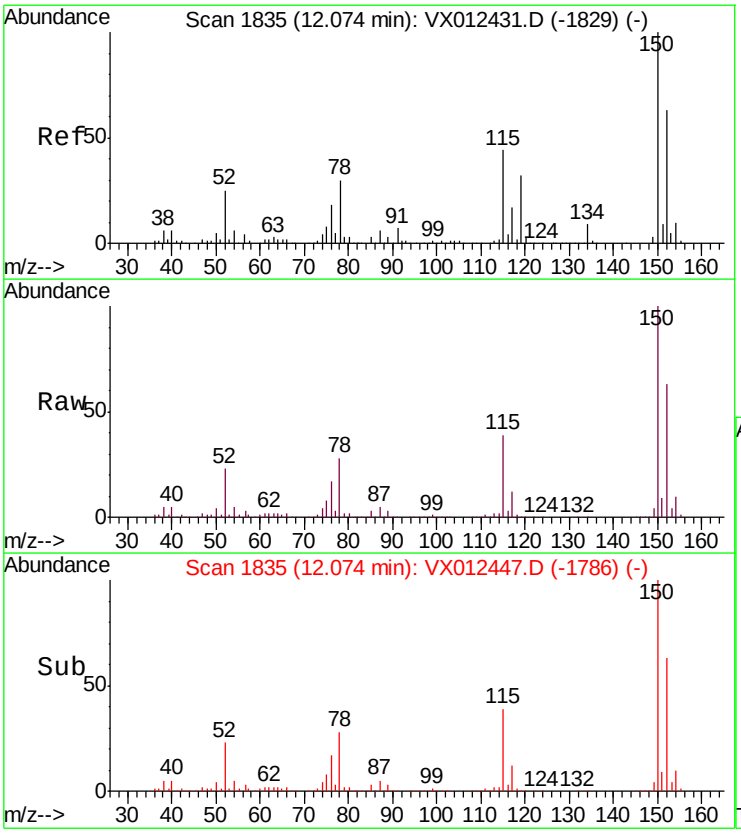
#71
Bromoform
Concen: 2.905 ug/l
RT: 11.12 min Scan# 1678
Delta R.T. 0.26 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Instrument : MSVOA_X
ClientSampleId : DUP01-20190909

Tgt Ion:173 Resp: 49

Ion	Ratio	Lower	Upper
173	100		
175	0.0	23.7	71.1#
254	0.0	0.1	0.1#

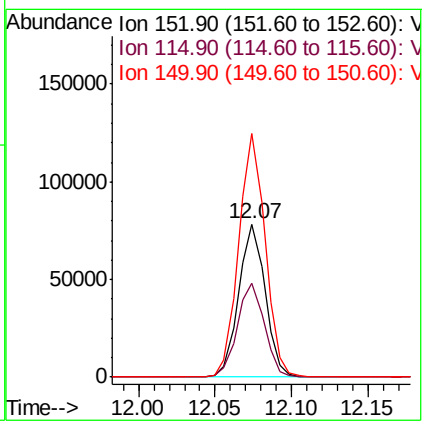


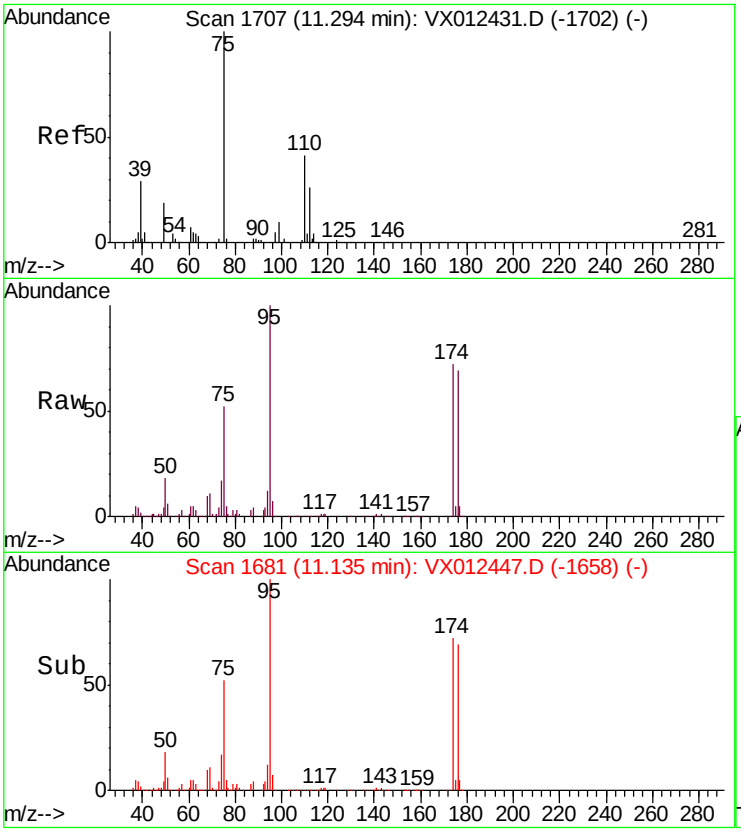


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Tgt Ion:152 Resp: 93815

Ion	Ratio	Lower	Upper
152	100		
115	62.9	44.1	132.3
150	159.6	0.0	343.8



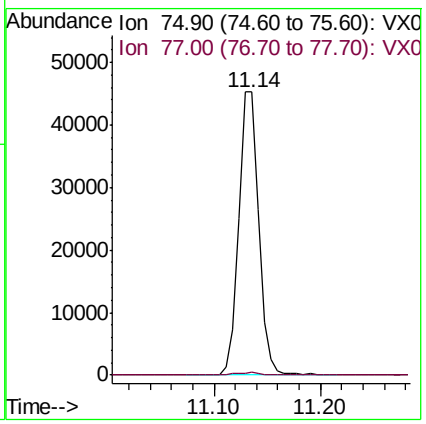


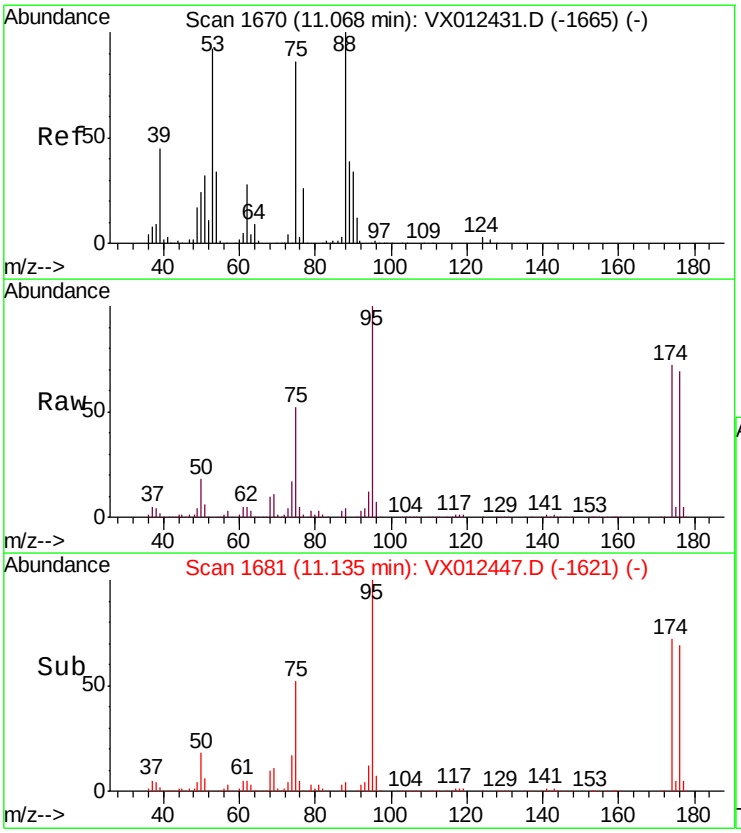
#76
1,2,3-Trichloropropane
Concen: 27.867 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20190909

Tgt Ion: 75 Resp: 60053

Ion	Ratio	Lower	Upper
75	100		
77	1.1	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 74.863 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012447.D
Acq: 17 Sep 2019 21:27

Tgt Ion: 75 Resp: 60053

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