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

Quantitation Report (Not Reviewed)

Data File : VX012456.D
Acq On : 18 Sep 2019 00:57
Operator : JC/SP
Sample : K4858-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE131D1-20190910

Quant Time: Sep 18 03:31:51 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	152331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	243440	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	212663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	86649	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	105043	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.22%			
35) Dibromofluoromethane	5.49	113	74763	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.48%			
50) Toluene-d8	8.71	98	286848	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.20%			
62) 4-Bromofluorobenzene	11.14	95	107329	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	536	0.914	ug/l	96
3) Chloromethane	1.32	50	651	0.777	ug/l #	43
6) Chloroethane	1.62	64	2585	3.649	ug/l #	64
7) Trichlorofluoromethane	1.92	101	460	0.277	ug/l #	45
8) Diethyl Ether	2.17	74	258	0.344	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	2.37	101	8015	6.676	ug/l	96
10) Methyl Iodide	2.50	142	63	4.498	ug/l #	35
11) Tert butyl alcohol	3.03	59	1394	Below Cal	#	87
12) 1,1-Dichloroethene	2.37	96	1702	1.777	ug/l #	76
13) Acrolein	2.27	56	221	Below Cal		95
16) Acetone	2.43	43	4925	Below Cal		91
17) Carbon Disulfide	2.56	76	247	1.982	ug/l #	75
18) Methyl Acetate	2.59	43	7879	3.463	ug/l #	54
19) Methyl tert-butyl Ether	3.19	73	4003	0.767	ug/l #	82
20) Methylene Chloride	2.84	84	624	0.472	ug/l #	74
21) trans-1,2-Dichloroethene	3.17	96	480	0.483	ug/l #	29
24) 1,1-Dichloroethane	3.69	63	2272	0.910	ug/l #	84
27) cis-1,2-Dichloroethene	4.59	96	11267	7.584	ug/l	84
29) Tetrahydrofuran	5.12	42	399	0.477	ug/l #	34
30) Chloroform	5.20	83	7339	2.558	ug/l	97
36) 1,1-Dichloropropene	5.65	75	13108	8.860	ug/l #	54
38) Carbon Tetrachloride	5.65	117	16953	9.213	ug/l #	16
39) Methylcyclohexane	7.21	83	5392	3.749	ug/l #	1
42) 1,2-Dichloroethane	6.19	62	900	0.412	ug/l #	75
44) Trichloroethene	7.21	130	444105	358.842	ug/l	94
49) 1,4-Dioxane	7.74	88	1828	39.089	ug/l #	79
55) 1,1,2-Trichloroethane	9.21	97	413	0.264	ug/l #	84
60) Dibromochloromethane	9.33	129	25630	16.110	ug/l #	11
64) Tetrachloroethene	9.33	164	25512	26.180	ug/l	97
76) 1,2,3-Trichloropropane	11.14	75	54372	27.317	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	54372	73.448	ug/l #	8

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

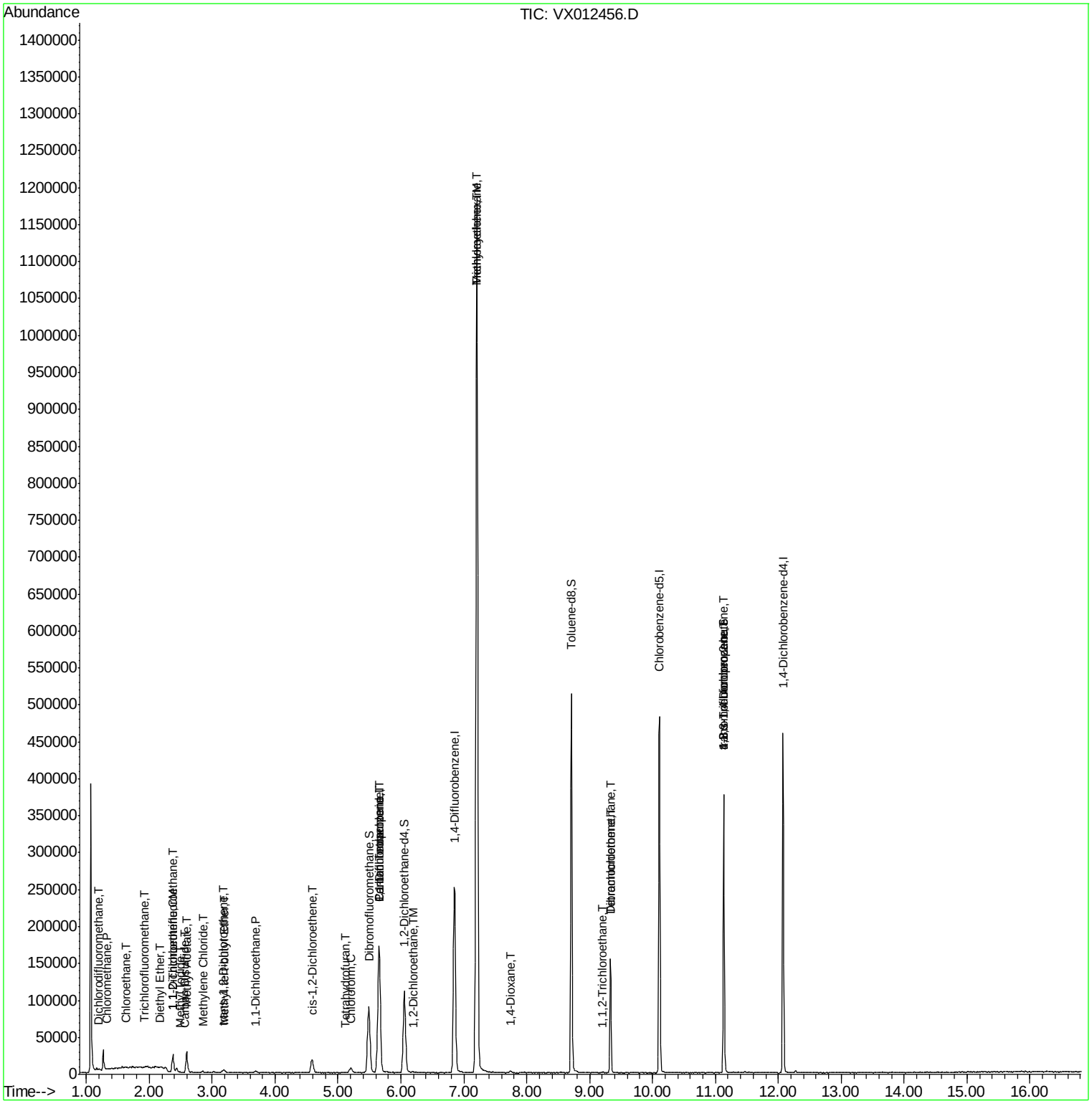
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091719\

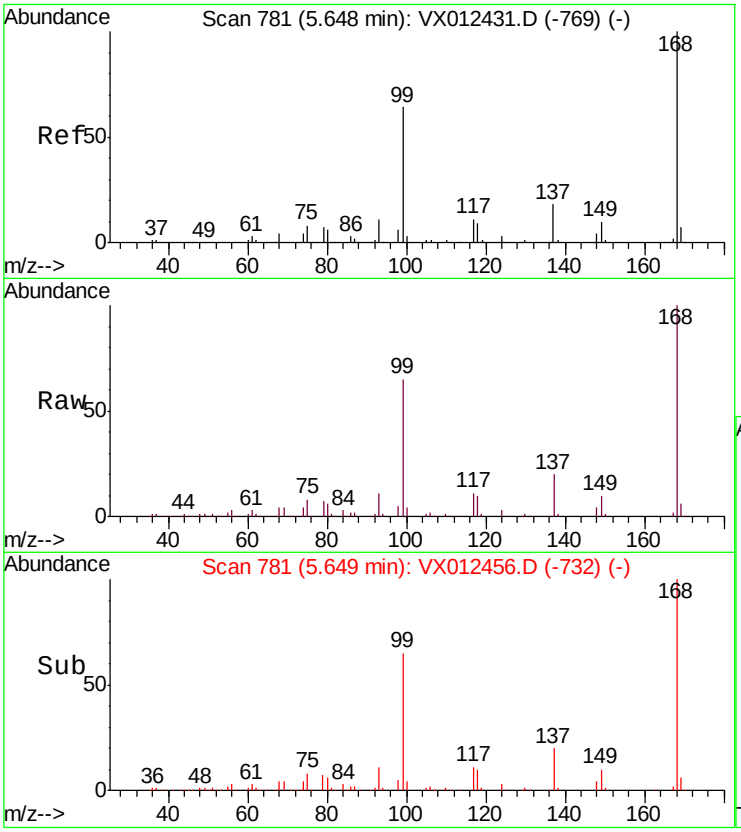
Quantitation Report (Not Reviewed)

Data File : VX012456.D
Acq On : 18 Sep 2019 00:57
Operator : JC/SP
Sample : K4858-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190910

Quant Time: Sep 18 03:31:51 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



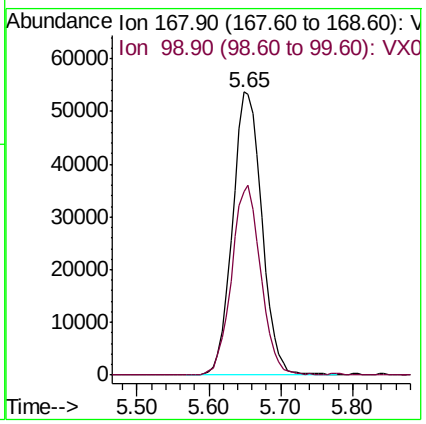


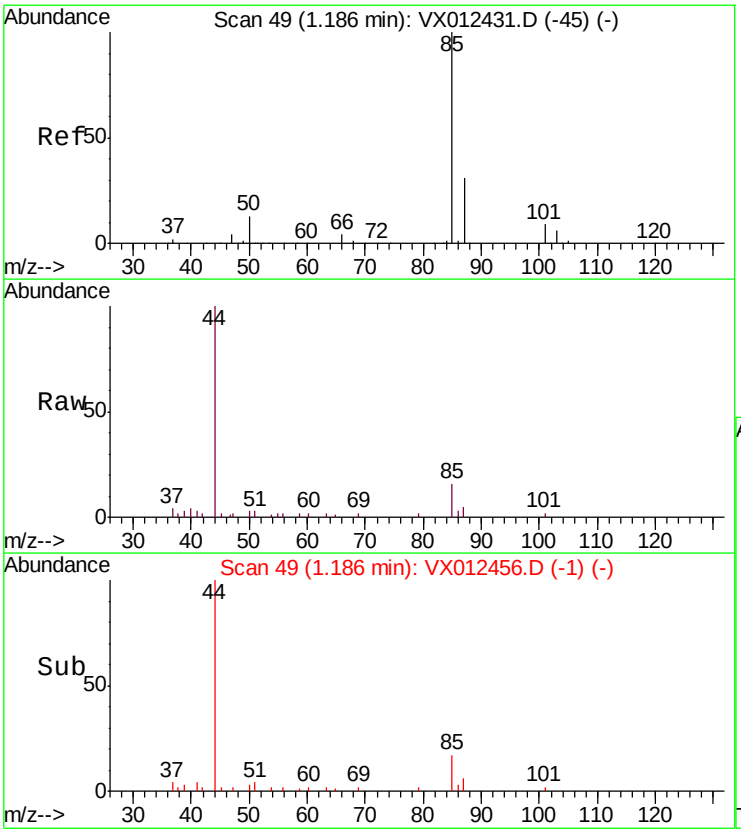
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190910

Tgt Ion:168 Resp: 152331

Ion	Ratio	Lower	Upper
168	100		
99	64.6	51.4	77.2

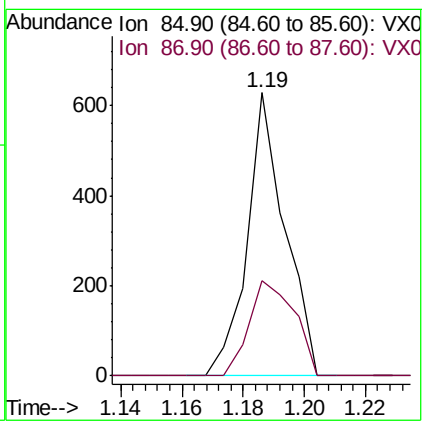


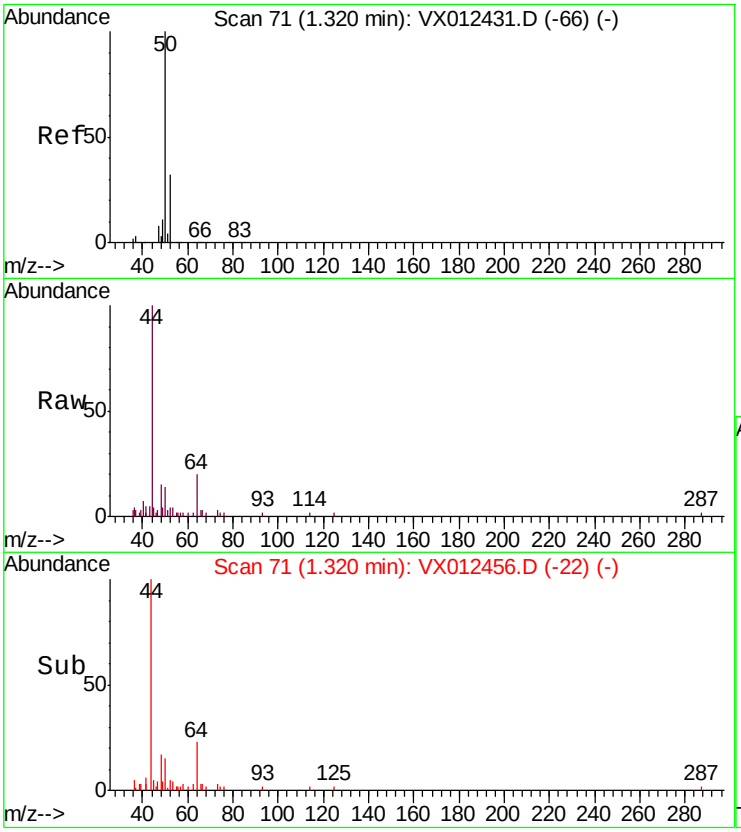


#2
Dichlorodifluoromethane
Concen: 0.914 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Tgt Ion: 85 Resp: 536

Ion	Ratio	Lower	Upper
85	100		
87	33.6	15.6	46.8



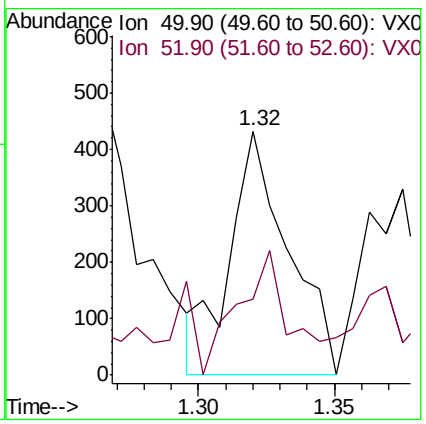


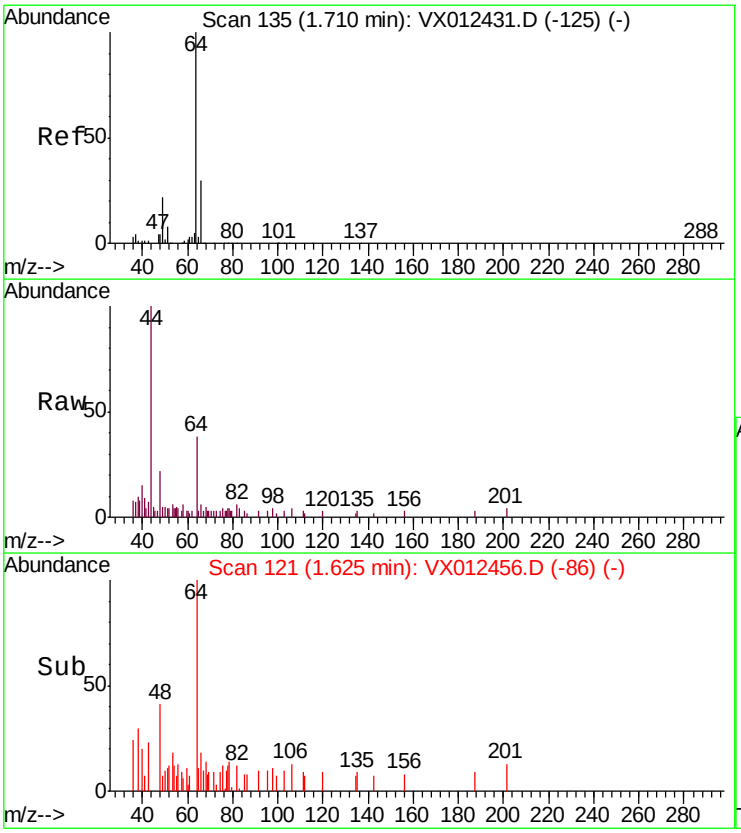
#3
Chloromethane
Concen: 0.777 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190910

Tgt Ion: 50 Resp: 651

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.7	38.5#

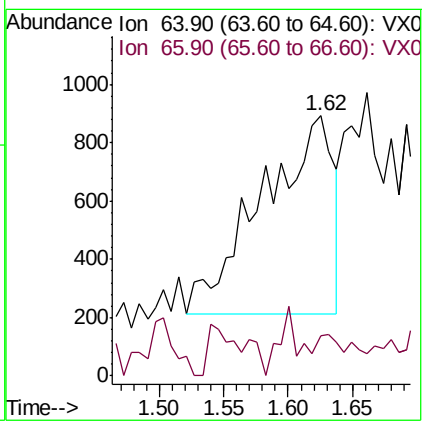


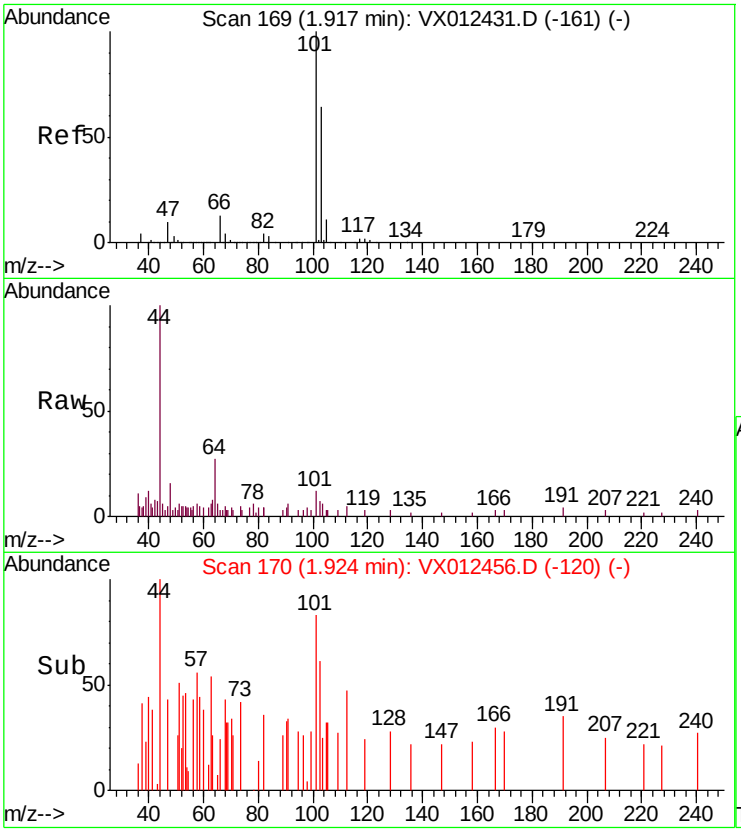


#6
Chloroethane
Concen: 3.649 ug/l
RT: 1.62 min Scan# 121
Delta R.T. -0.09 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Tgt Ion: 64 Resp: 2585

Ion	Ratio	Lower	Upper
64	100		
66	10.3	24.0	36.0#



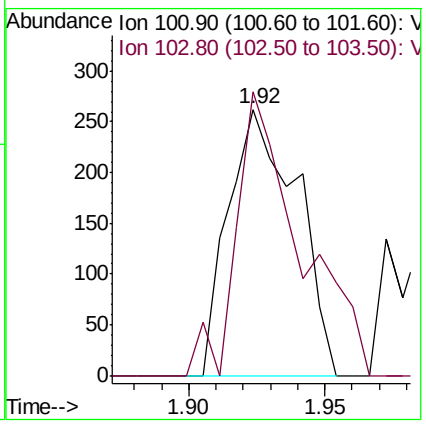


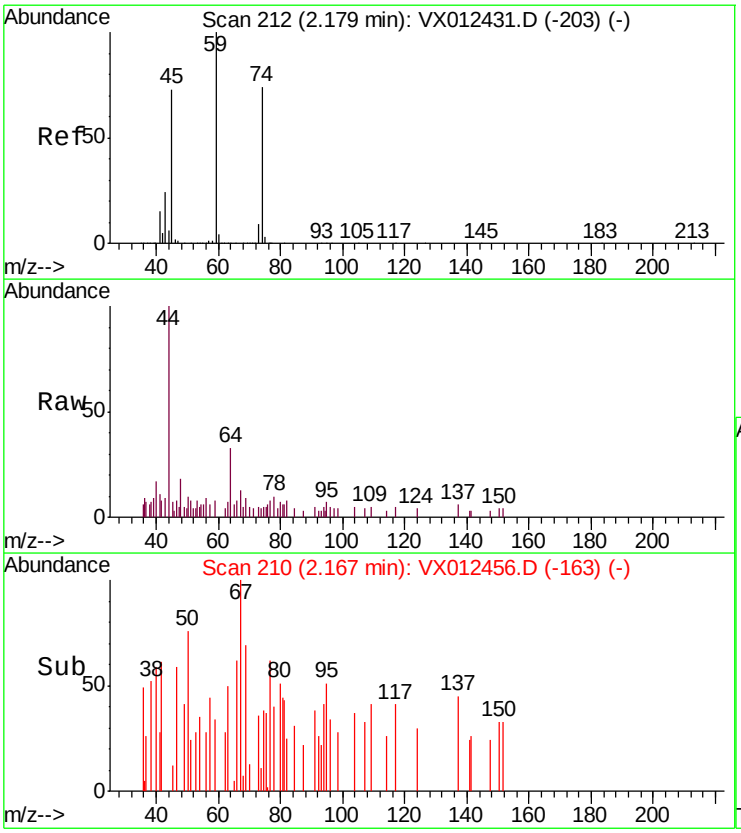
#7
Trichlorofluoromethane
Concen: 0.277 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190910

Tgt Ion:101 Resp: 460

Ion	Ratio	Lower	Upper
101	100		
103	106.5	51.0	76.4#

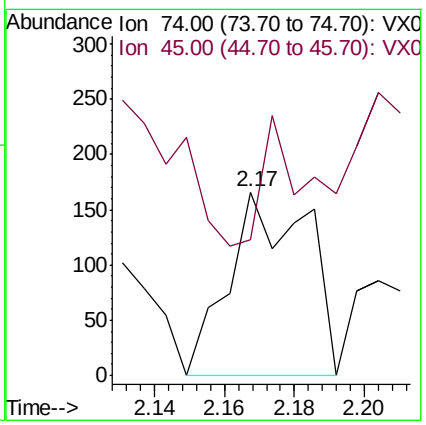


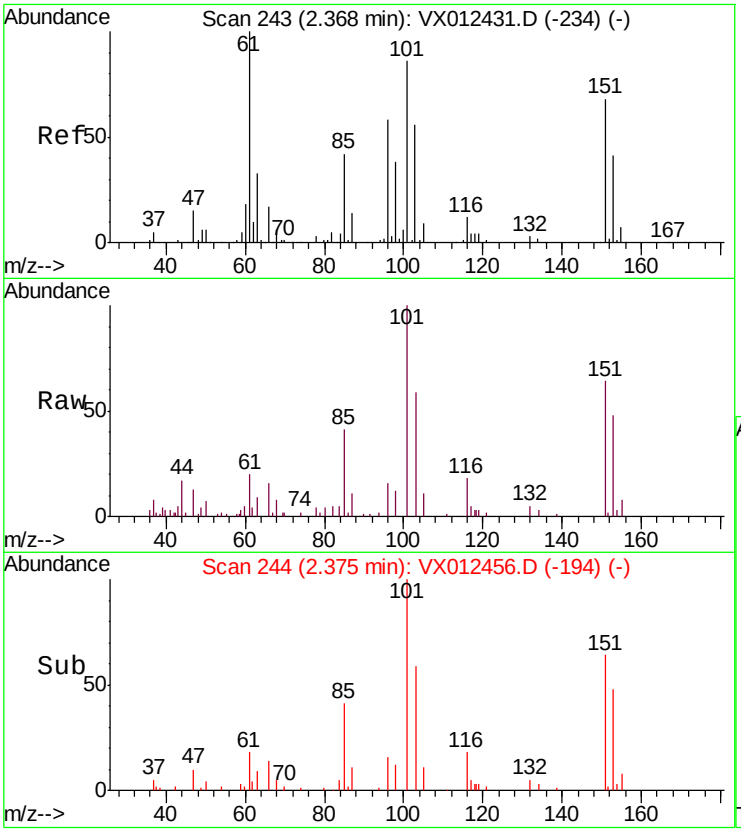


#8
Diethyl Ether
Concen: 0.344 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Tgt Ion: 74 Resp: 258

Ion	Ratio	Lower	Upper
74	100		
45	82.9	49.9	149.7



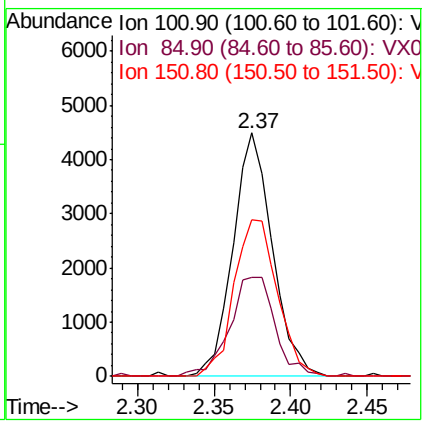


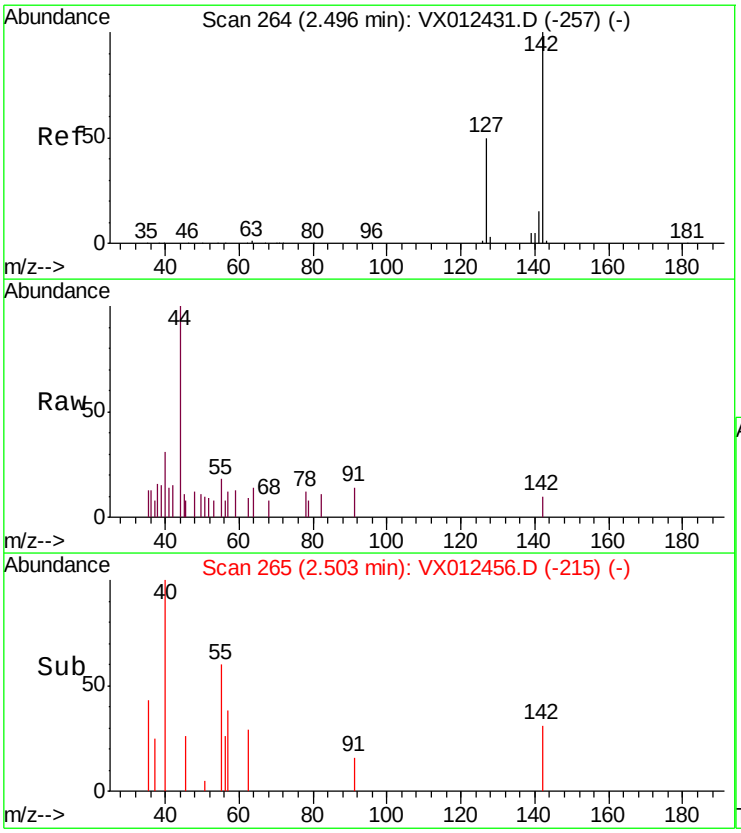
#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.676 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190910

Tgt Ion:101 Resp: 8015

Ion	Ratio	Lower	Upper
101	100		
85	47.0	37.3	55.9
151	70.6	61.0	91.4

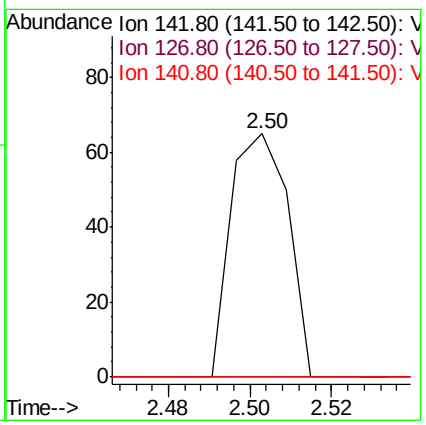


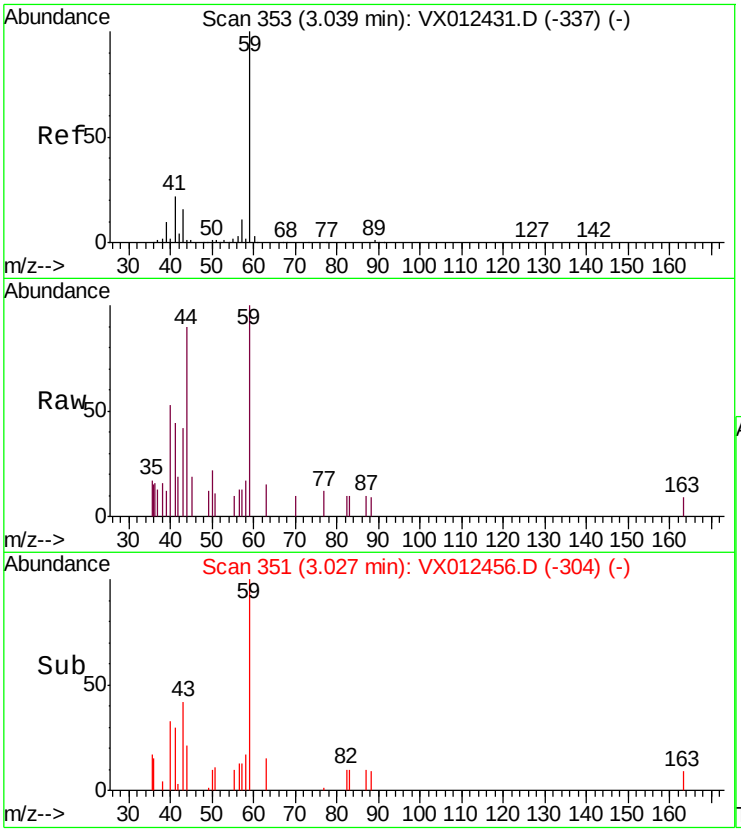


#10
Methyl Iodide
Concen: 4.498 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Tgt Ion:142 Resp: 63

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



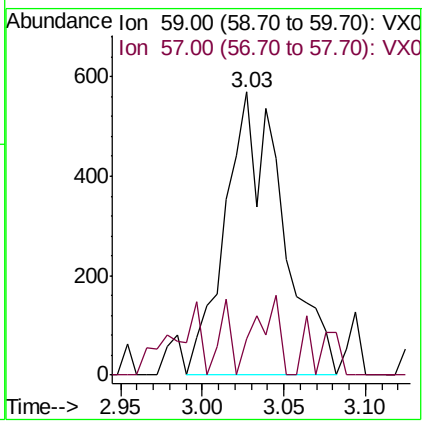


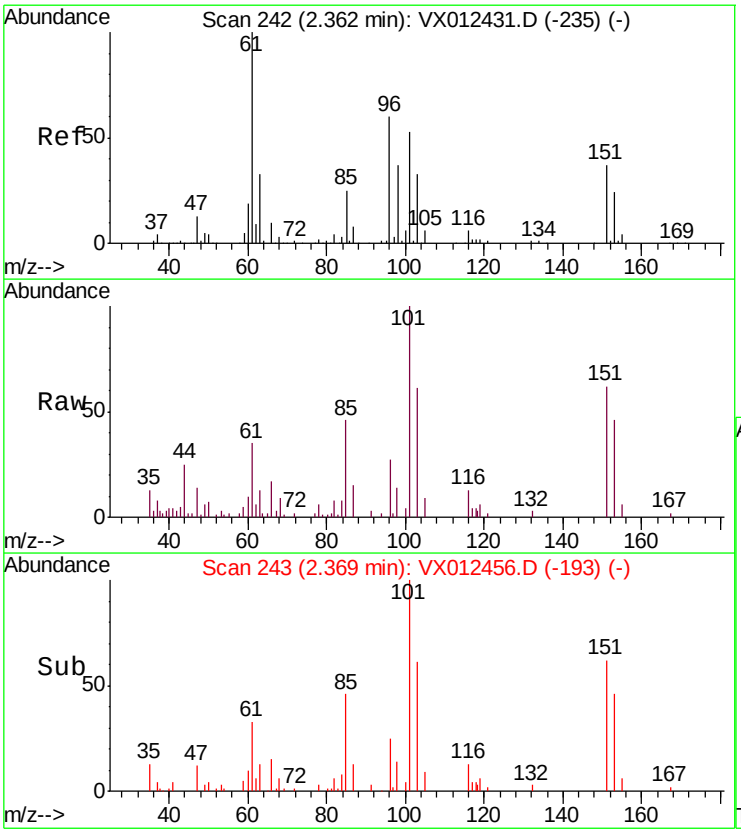
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190910

Tgt Ion: 59 Resp: 1394

Ion	Ratio	Lower	Upper
59	100		
57	5.5	8.3	12.5#

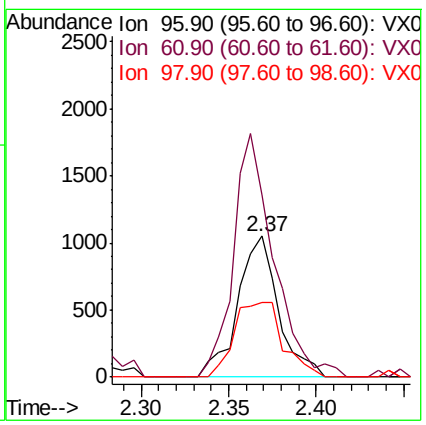


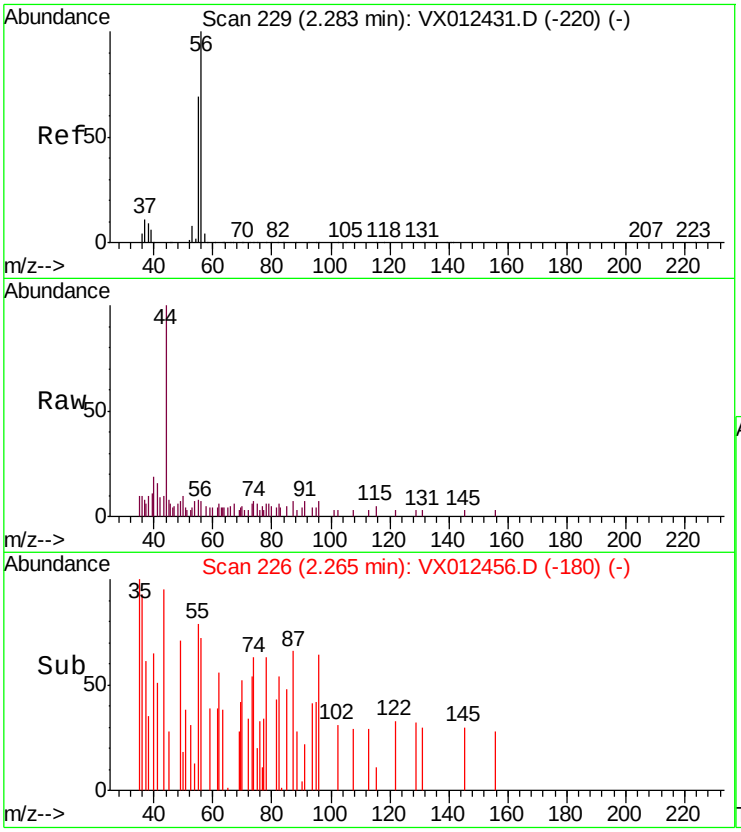


#12
1,1-Dichloroethene
Concen: 1.777 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Tgt Ion: 96 Resp: 1702

Ion	Ratio	Lower	Upper
96	100		
61	129.1	133.8	200.6#
98	53.4	49.9	74.9



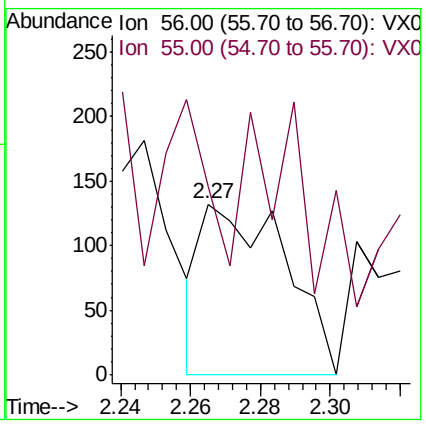


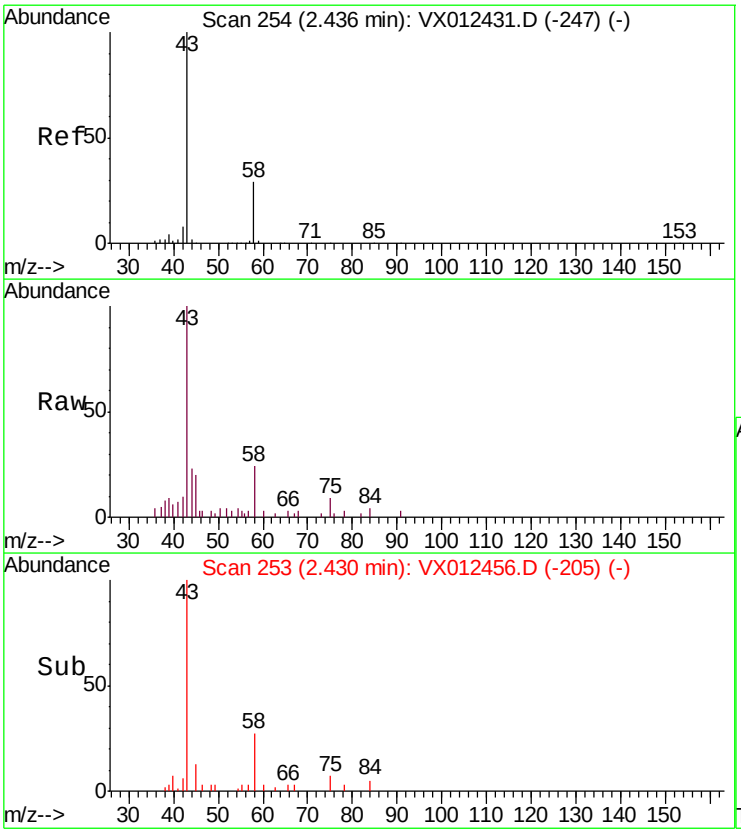
#13
Acrolein
Concen: Below Cal
RT: 2.27 min Scan# 226
Delta R.T. -0.02 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190910

Tgt Ion: 56 Resp: 221

Ion	Ratio	Lower	Upper
56	100		
55	66.1	55.8	83.8

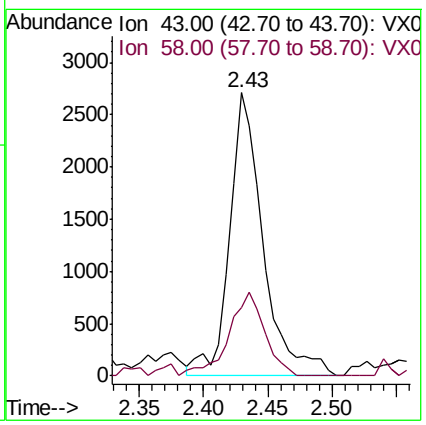


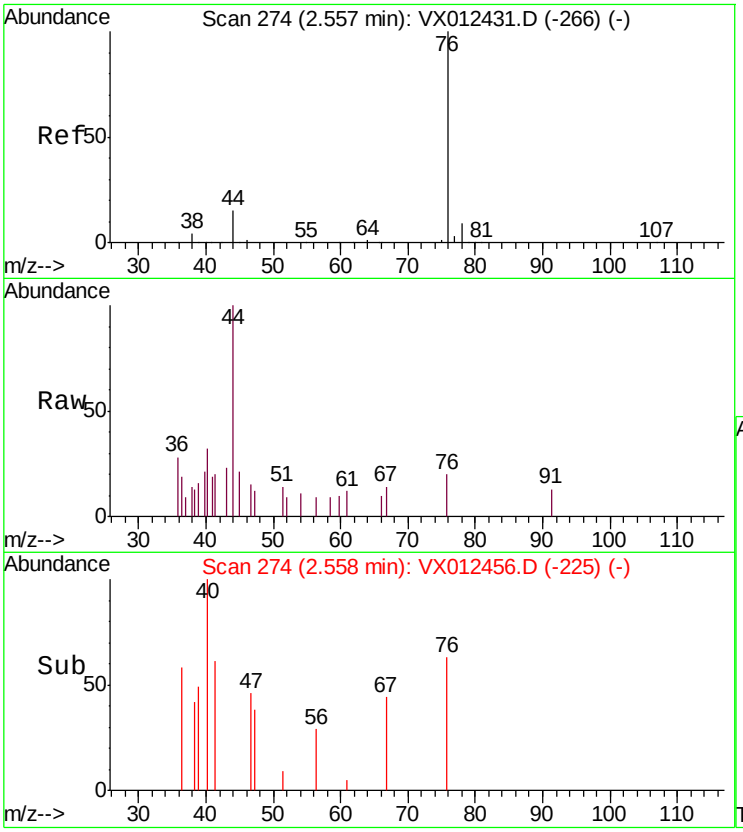


#16
Acetone
Concen: Below Cal
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Tgt Ion: 43 Resp: 4925

Ion	Ratio	Lower	Upper
43	100		
58	24.2	23.3	34.9



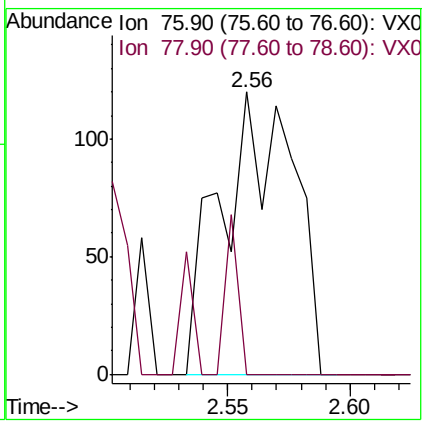


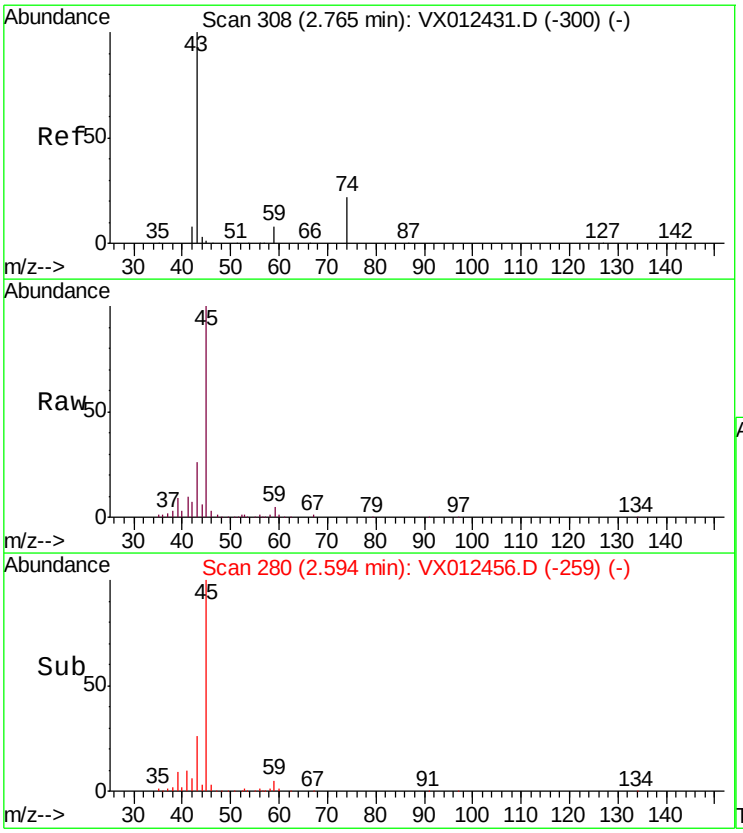
#17
Carbon Disulfide
Concen: 1.982 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190910

Tgt Ion: 76 Resp: 247

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#

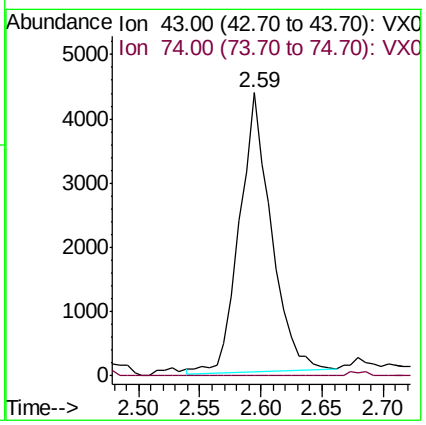


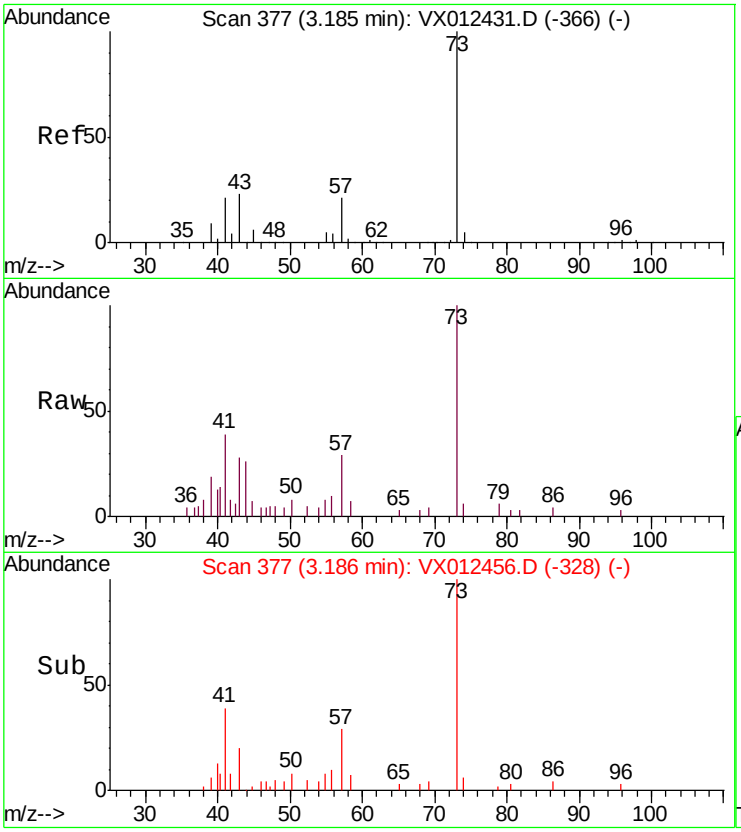


#18
Methyl Acetate
Concen: 3.463 ug/l
RT: 2.59 min Scan# 280
Delta R.T. -0.17 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Tgt Ion: 43 Resp: 7879

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.7	26.5#



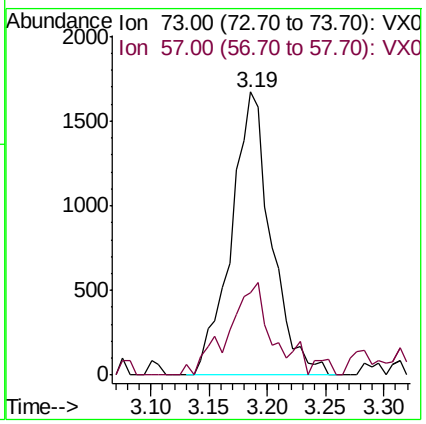


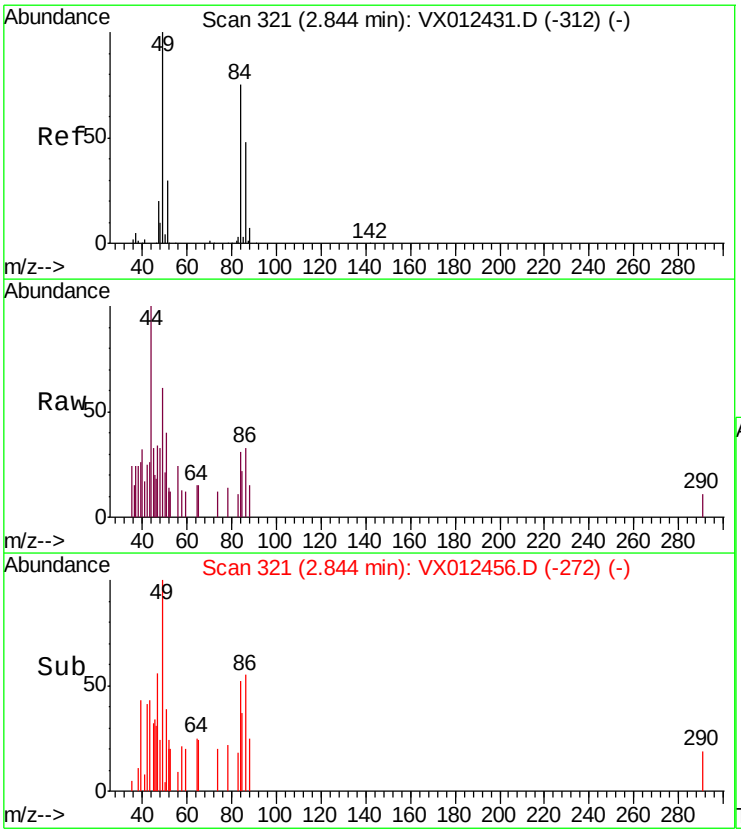
#19
Methyl tert-butyl Ether
Concen: 0.767 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190910

Tgt Ion: 73 Resp: 4003

Ion	Ratio	Lower	Upper
73	100		
57	29.2	16.8	25.2#

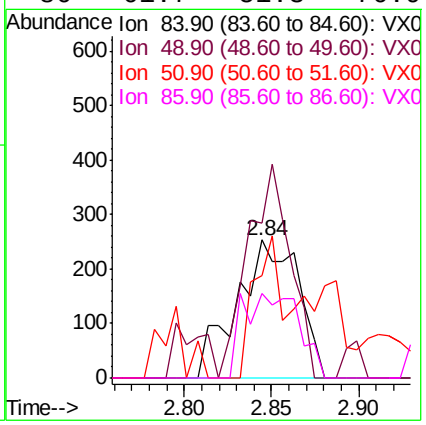


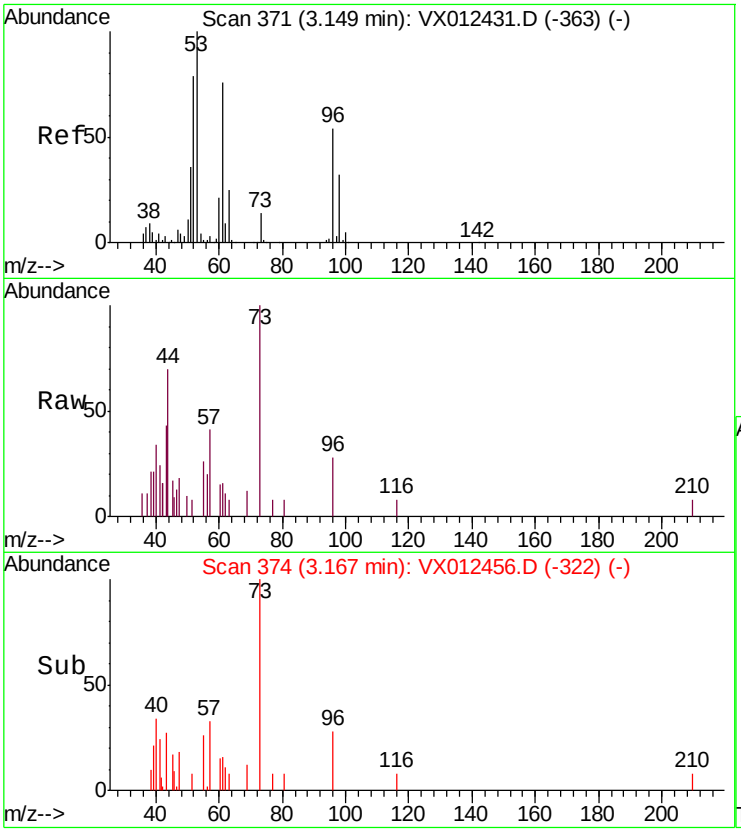


#20
Methylene Chloride
Concen: 0.472 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Tgt Ion: 84 Resp: 624

Ion	Ratio	Lower	Upper
84	100		
49	112.6	106.8	160.2
51	96.0	32.3	48.5#
86	61.7	51.3	76.9



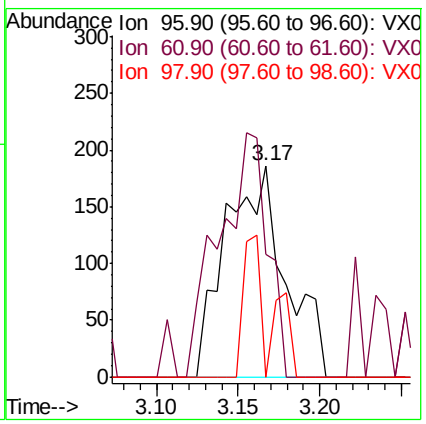


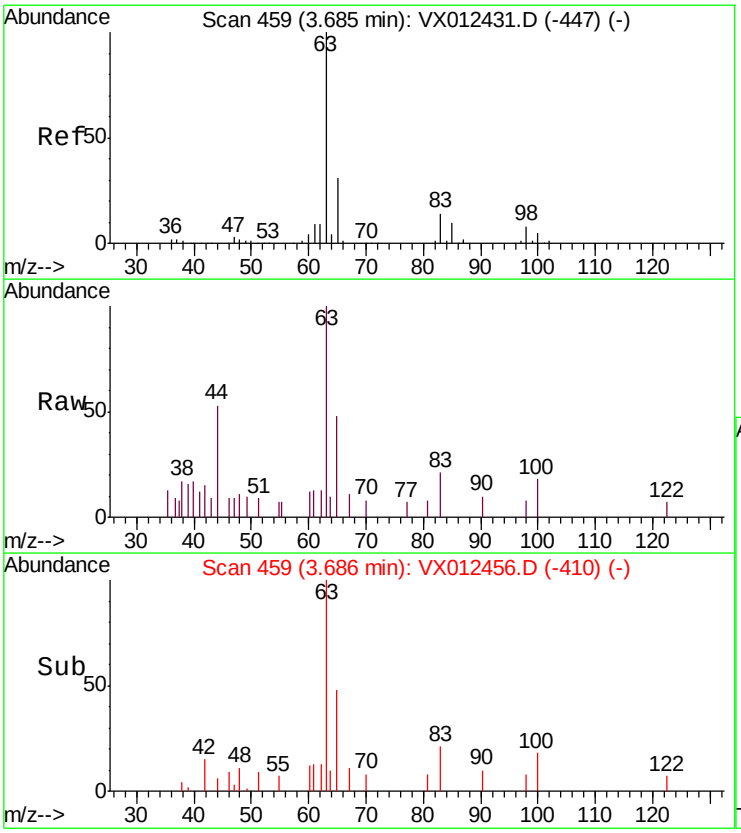
#21
trans-1,2-Dichloroethene
Concen: 0.483 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.02 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190910

Tgt Ion: 96 Resp: 480

Ion	Ratio	Lower	Upper
96	100		
61	58.1	112.0	168.0#
98	0.0	47.8	71.8#

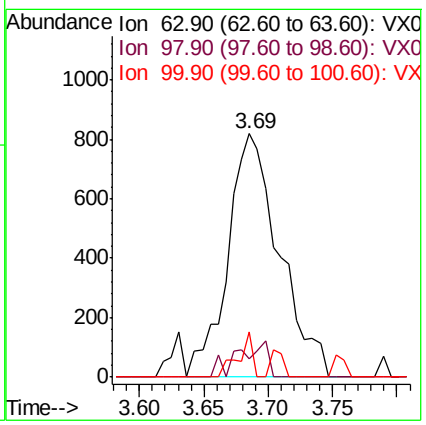


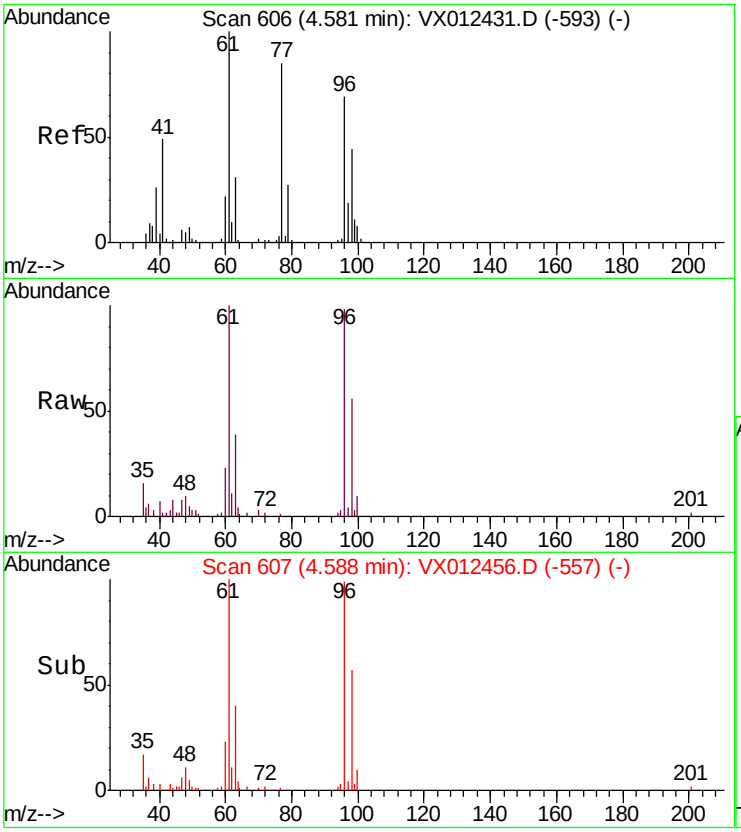


#24
1,1-Dichloroethane
Concen: 0.910 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Tgt Ion: 63 Resp: 2272

Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.9	11.7
100	18.3	2.3	6.9#



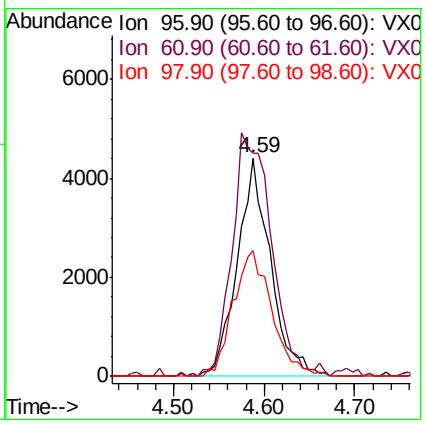


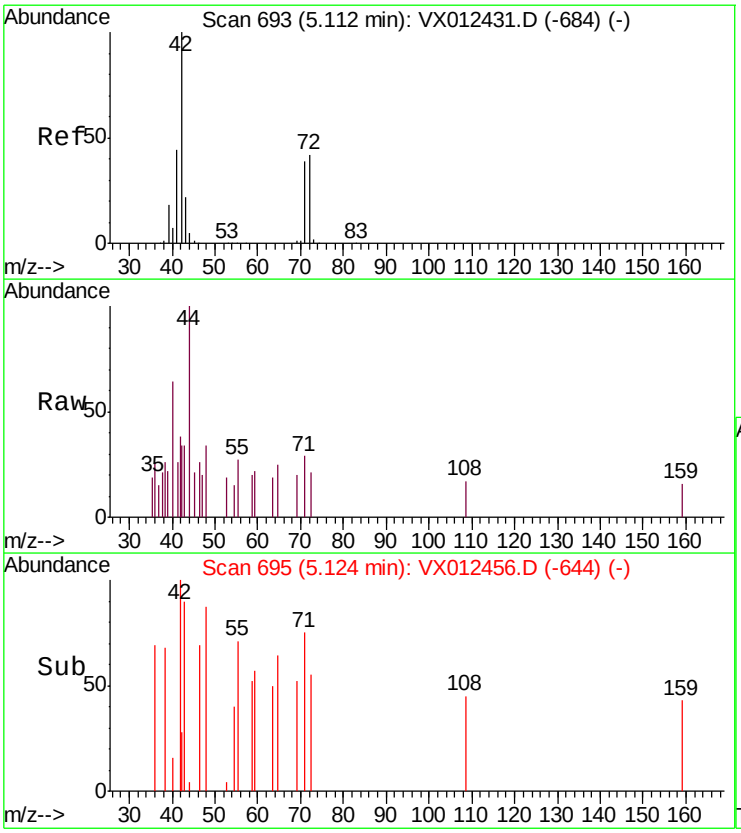
#27
cis-1,2-Dichloroethene
Concen: 7.584 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190910

Tgt Ion: 96 Resp: 11267

Ion	Ratio	Lower	Upper
96	100		
61	130.0	0.0	319.4
98	66.6	0.0	130.6

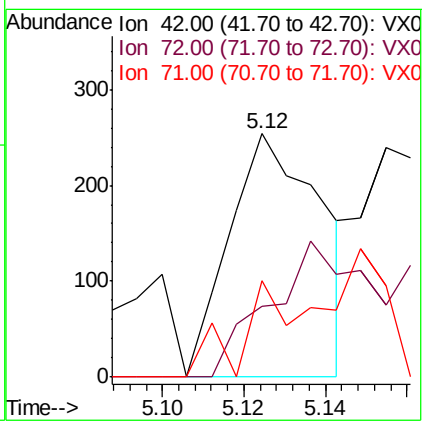


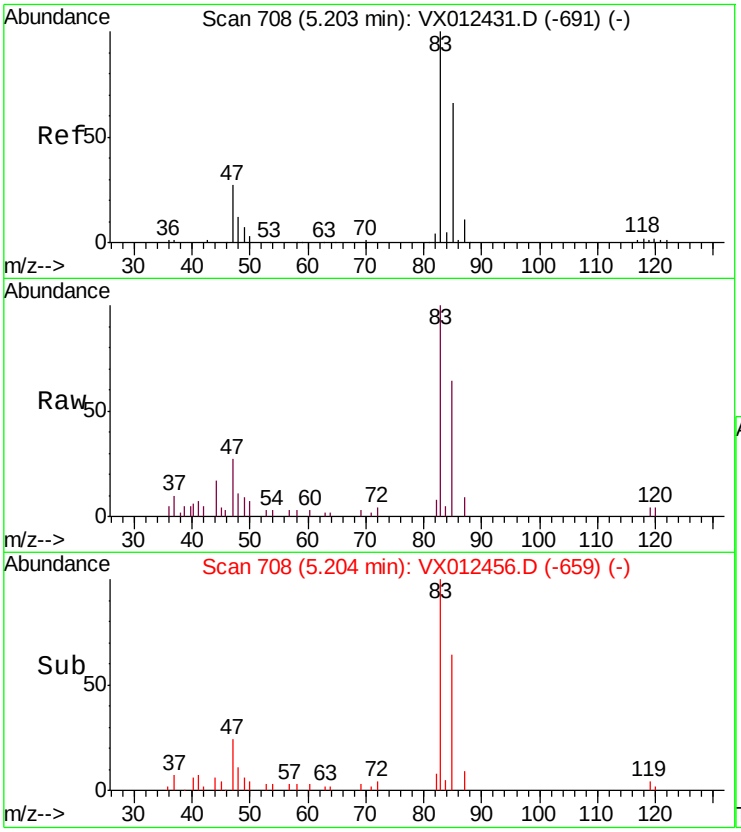


#29
Tetrahydrofuran
Concen: 0.477 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Tgt Ion: 42 Resp: 399

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



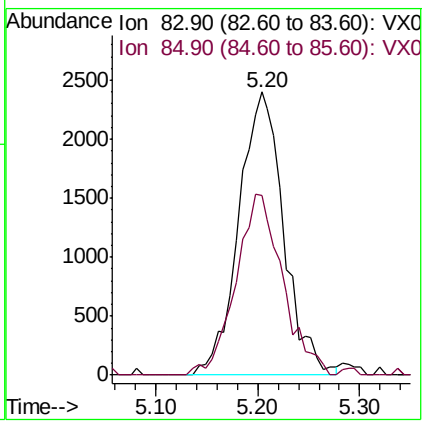


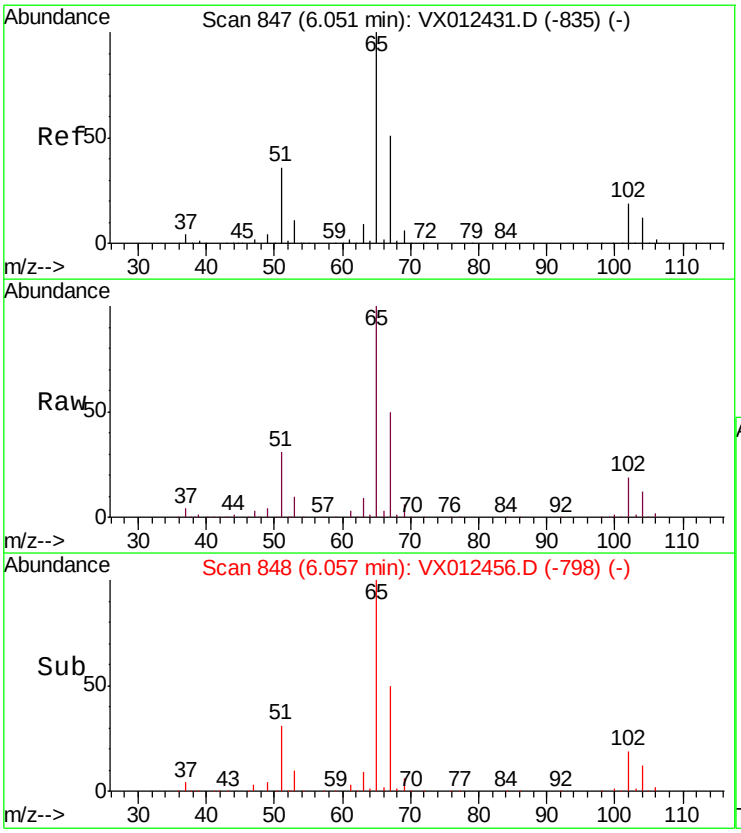
#30
Chloroform
Concen: 2.558 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190910

Tgt Ion: 83 Resp: 7339

Ion	Ratio	Lower	Upper
83	100		
85	63.5	53.0	79.4

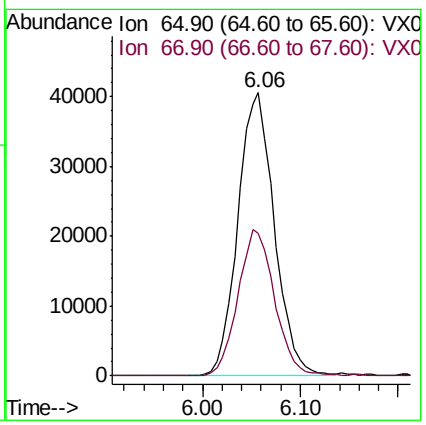


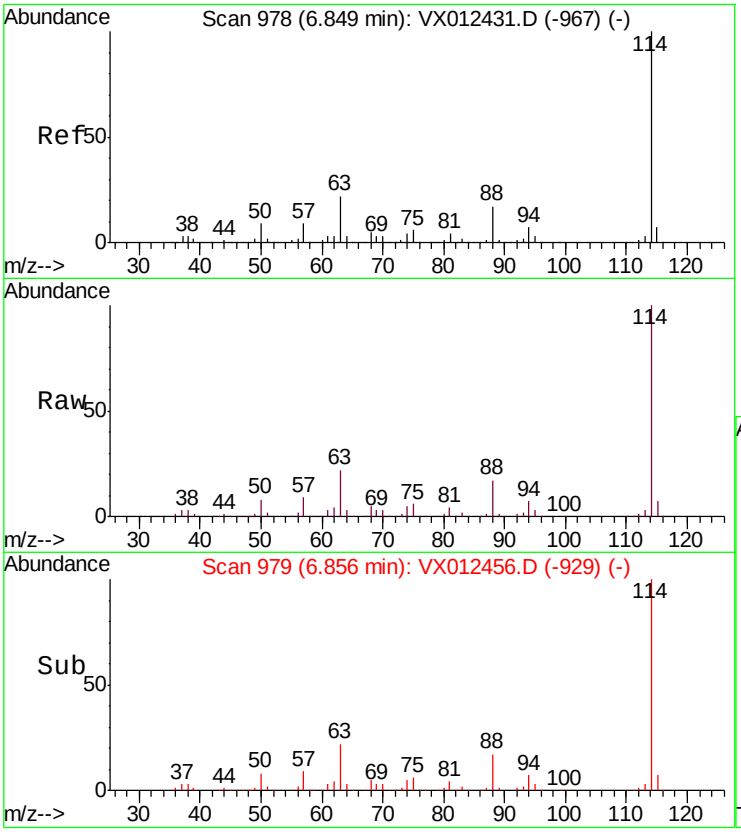


#33
1,2-Dichloroethane-d4
Concen: 48.114 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Tgt Ion: 65 Resp: 105043

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	101.2



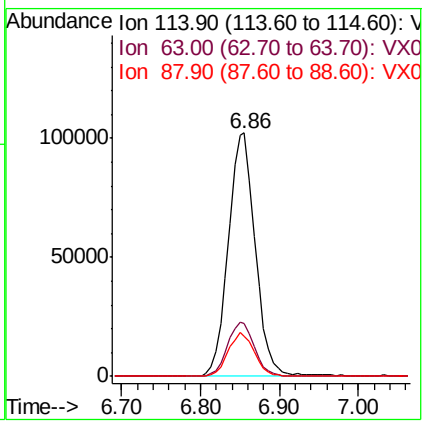


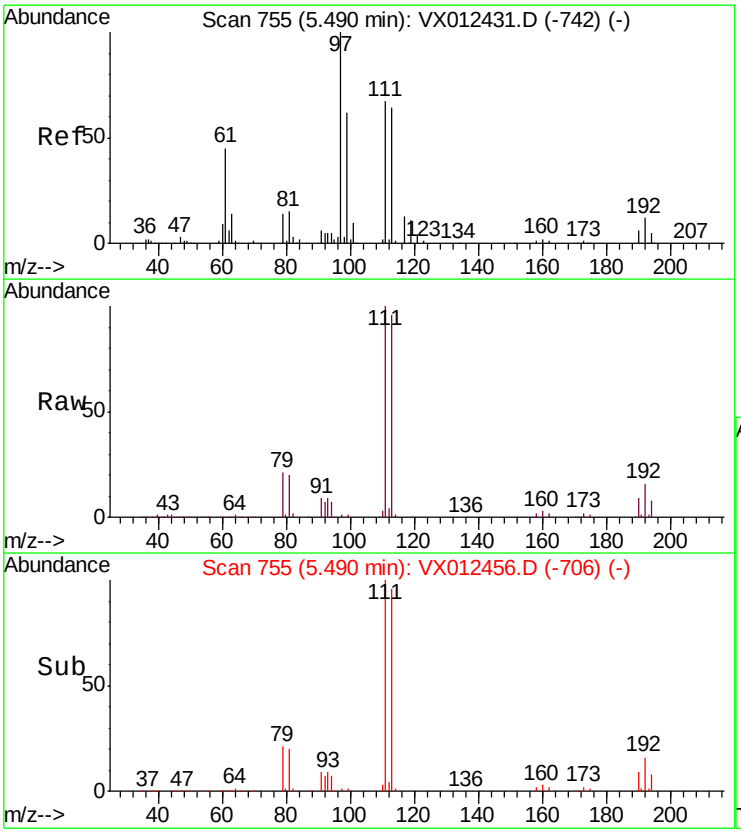
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 979
Delta R.T. 0.01 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190910

Tgt Ion:114 Resp: 243440

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.2
88	16.7	0.0	33.2

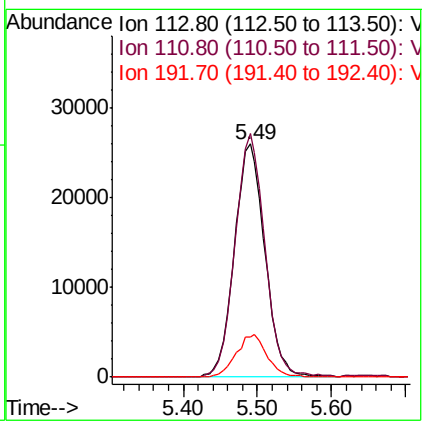


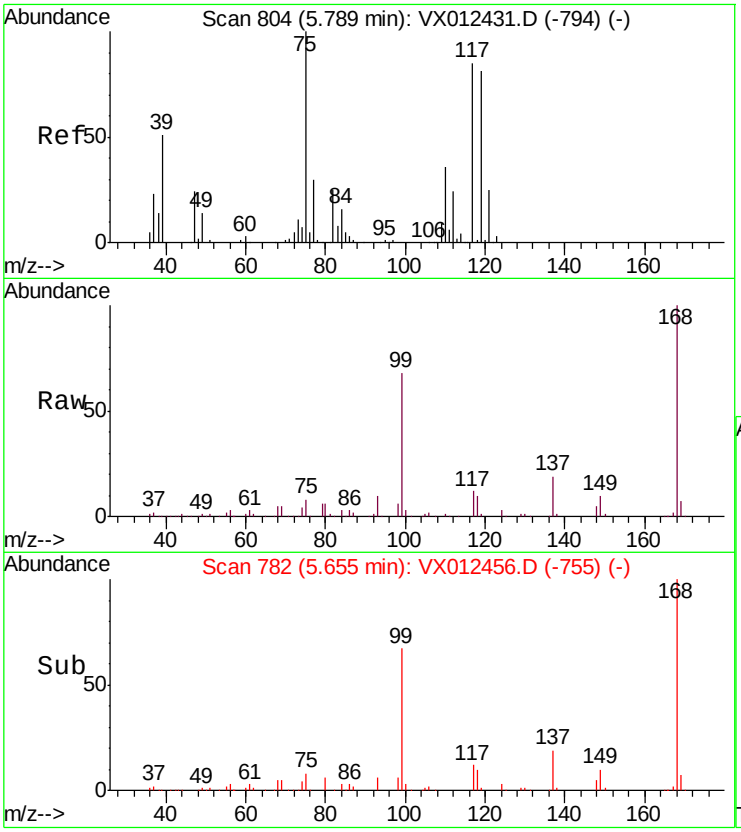


#35
Dibromofluoromethane
Concen: 50.740 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Tgt Ion:113 Resp: 74763

Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.4	125.2
192	18.3	14.4	21.6



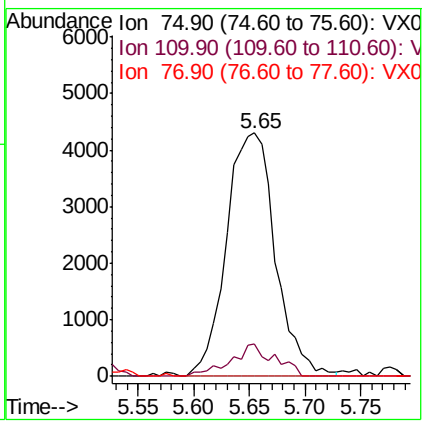


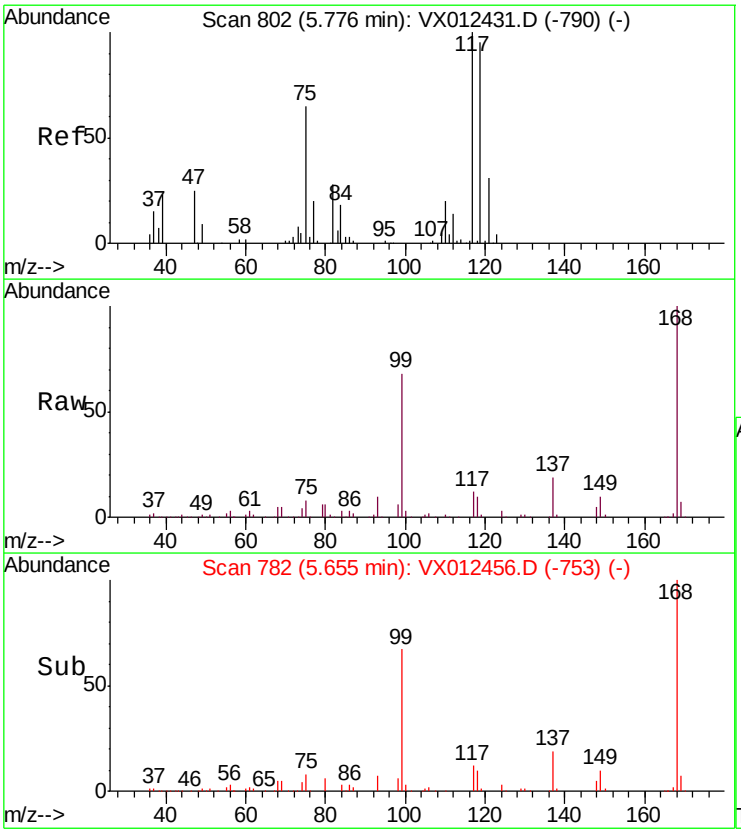
#36
1,1-Dichloropropene
Concen: 8.860 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190910

Tgt Ion: 75 Resp: 13108

Ion	Ratio	Lower	Upper
75	100		
110	11.7	16.7	50.0#
77	0.0	24.2	36.2#

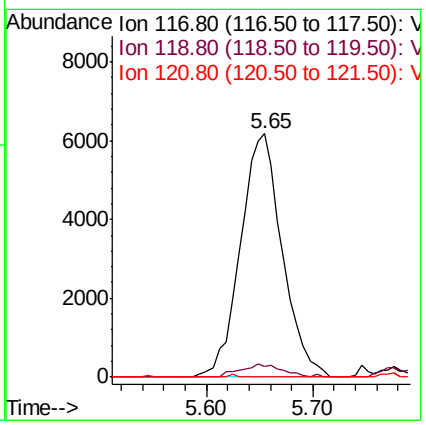


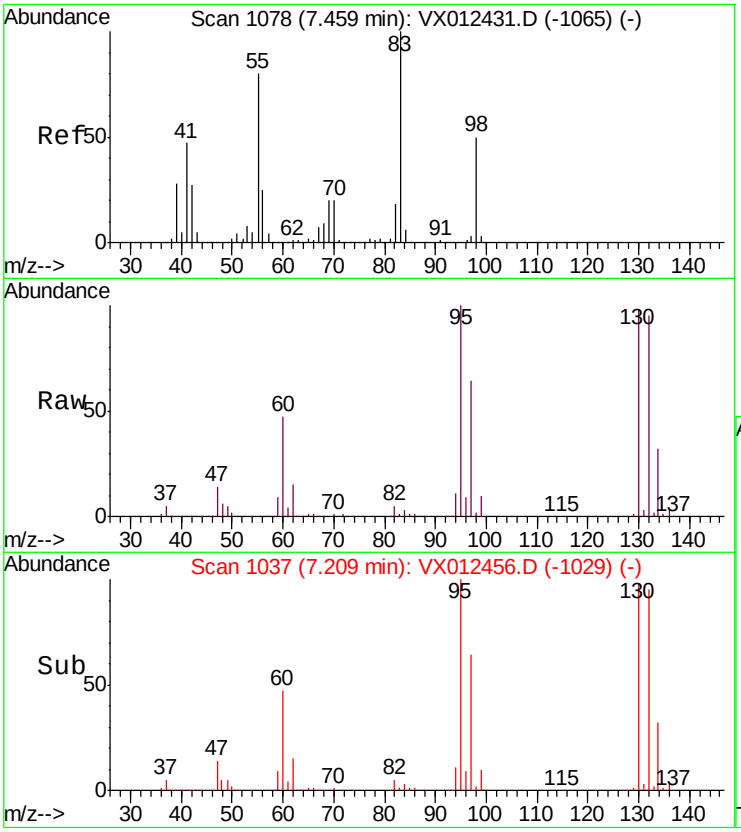


#38
Carbon Tetrachloride
Concen: 9.213 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Tgt Ion:117 Resp: 16953

Ion	Ratio	Lower	Upper
117	100		
119	4.3	75.7	113.5#
121	0.0	24.2	36.4#



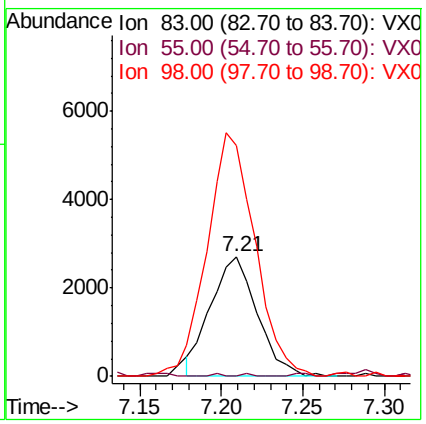


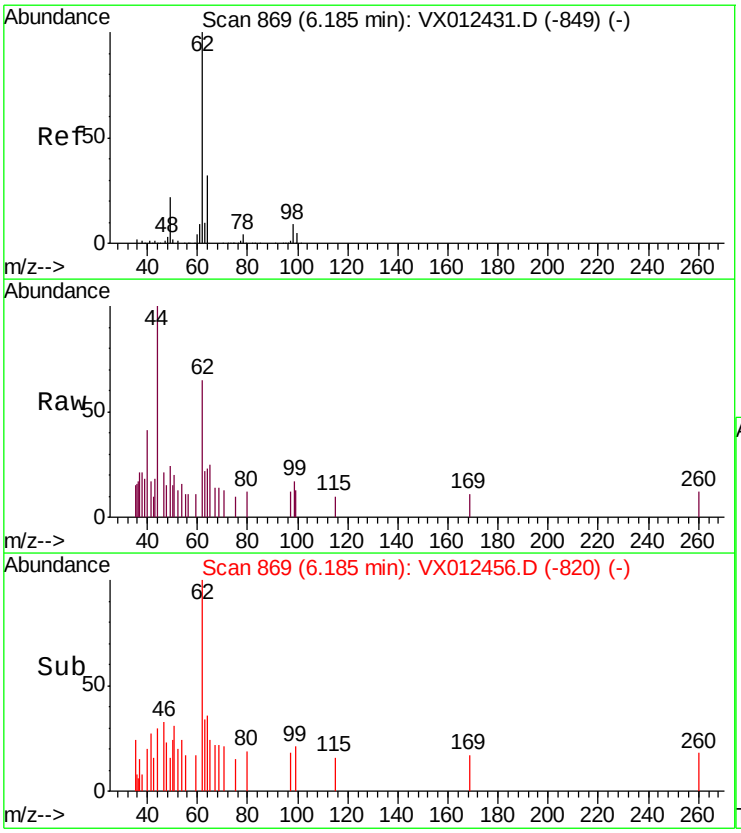
#39
Methylcyclohexane
Concen: 3.749 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.25 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190910

Tgt Ion: 83 Resp: 5392

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.4	96.6#
98	190.1	40.1	60.1#

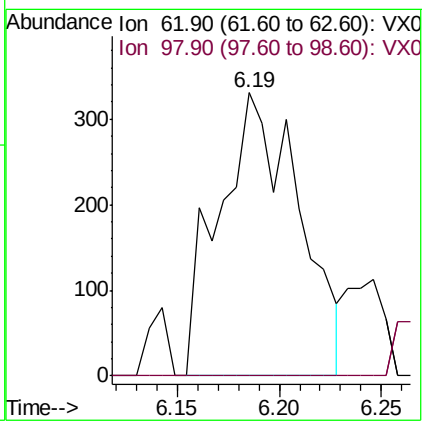


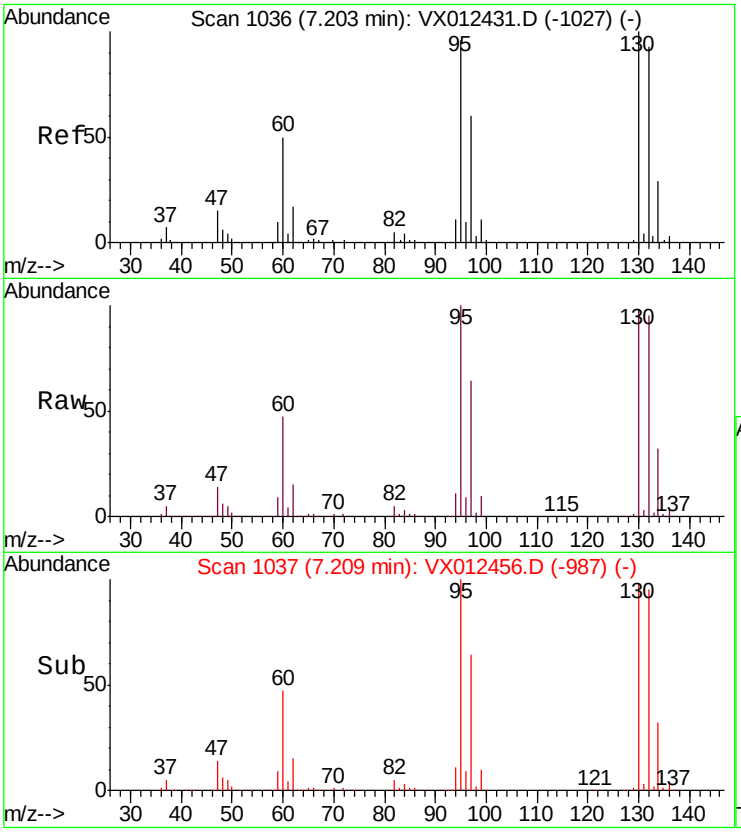


#42
1,2-Dichloroethane
Concen: 0.412 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Tgt Ion: 62 Resp: 900

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.8



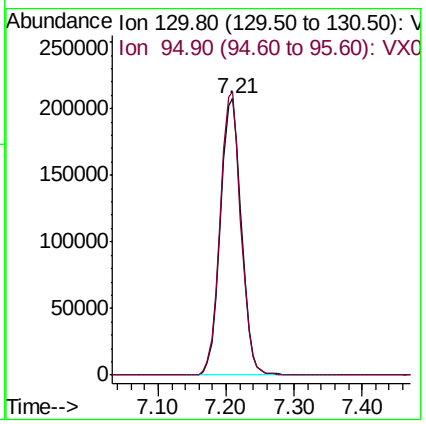


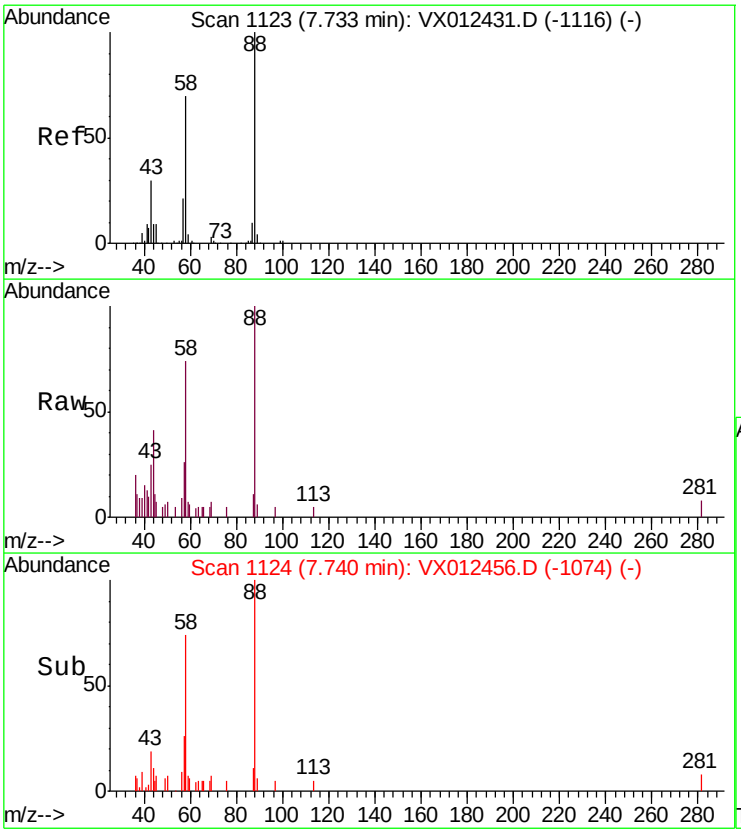
#44
Trichloroethene
Concen: 358.842 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190910

Tgt Ion:130 Resp: 444105

Ion	Ratio	Lower	Upper
130	100		
95	102.4	0.0	193.0

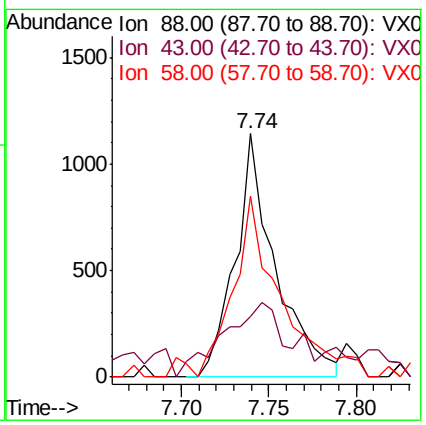


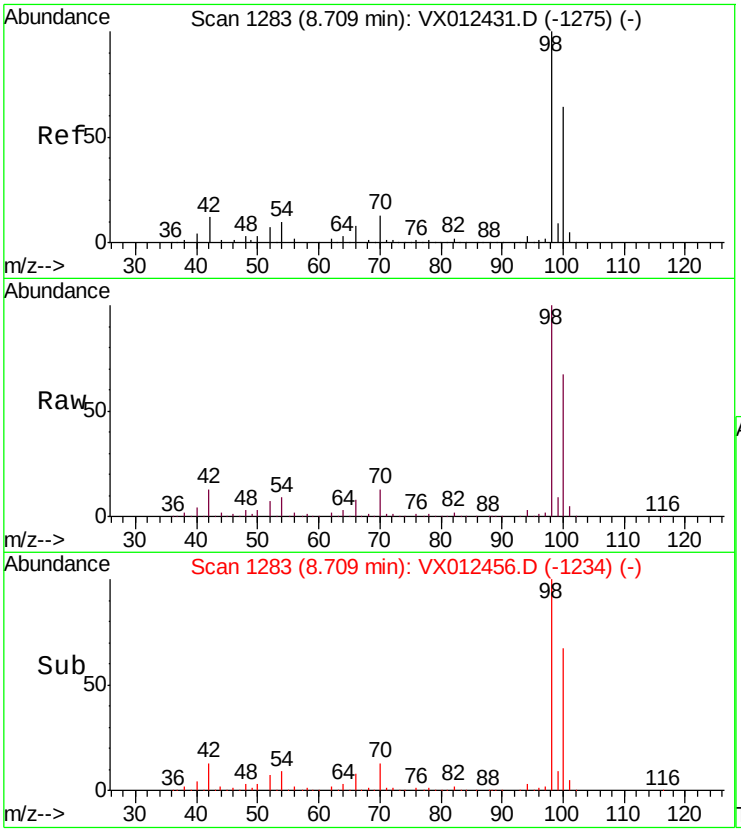


#49
1,4-Dioxane
Concen: 39.089 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Tgt Ion: 88 Resp: 1828

Ion	Ratio	Lower	Upper
88	100		
43	51.6	29.4	44.0#
58	87.4	57.5	86.3#



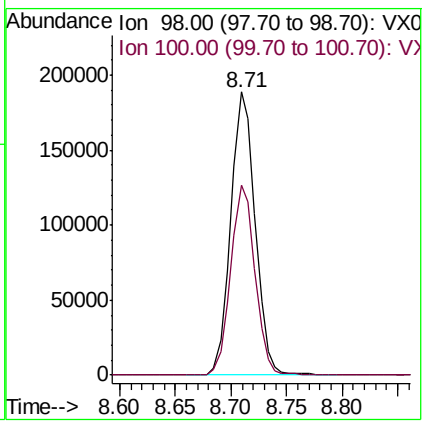


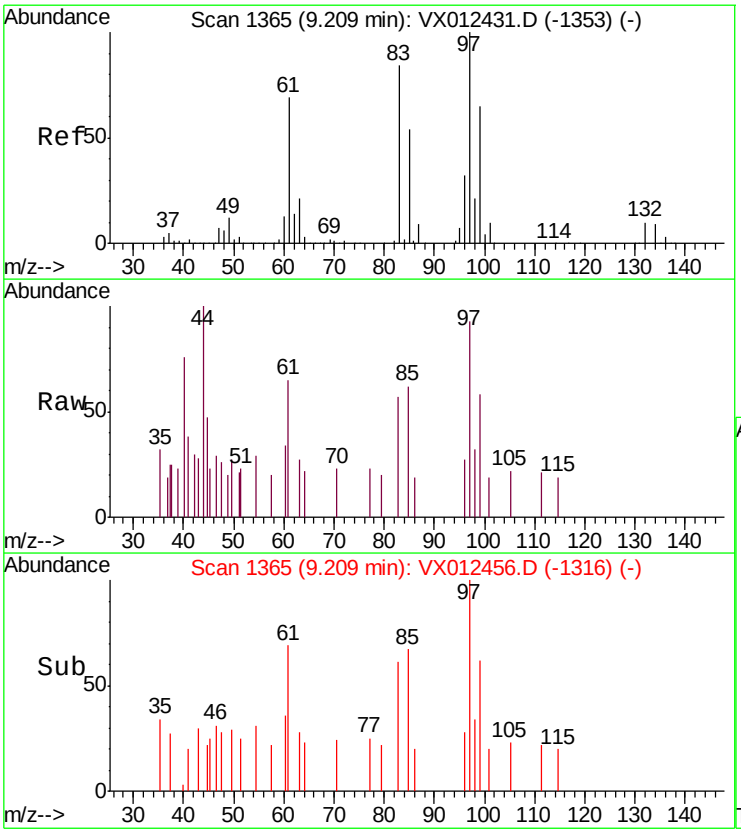
#50
Toluene-d8
Concen: 52.595 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190910

Tgt Ion: 98 Resp: 286848

Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.4	80.2

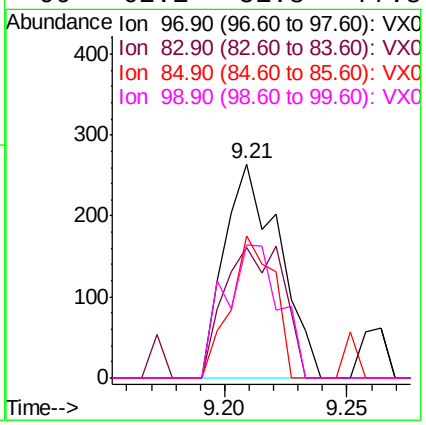


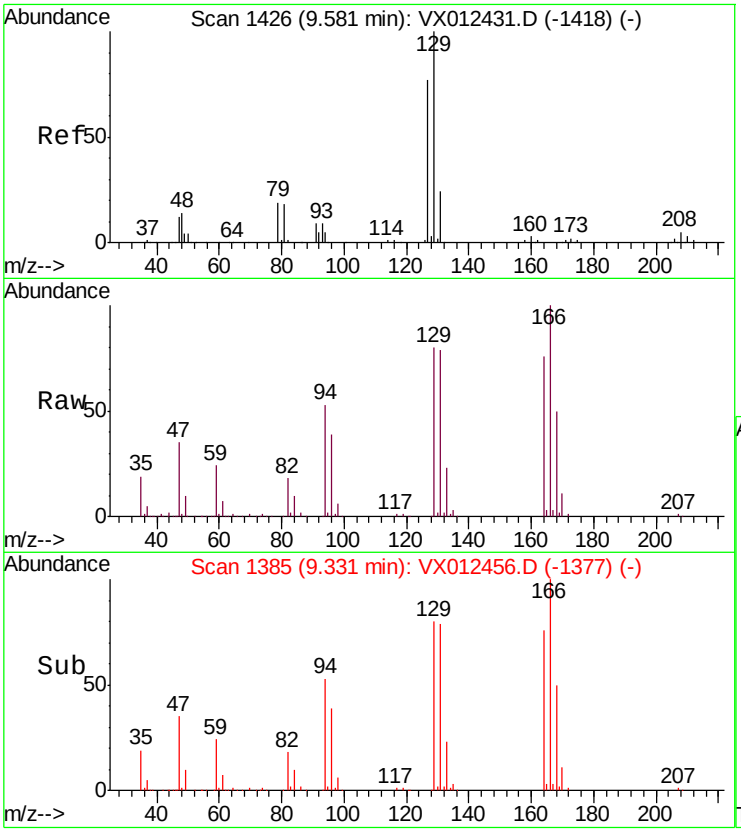


#55
1,1,2-Trichloroethane
Concen: 0.264 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Tgt Ion: 97 Resp: 413

Ion	Ratio	Lower	Upper
97	100		
83	61.0	67.4	101.2#
85	66.7	43.5	65.3#
99	62.1	51.8	77.8



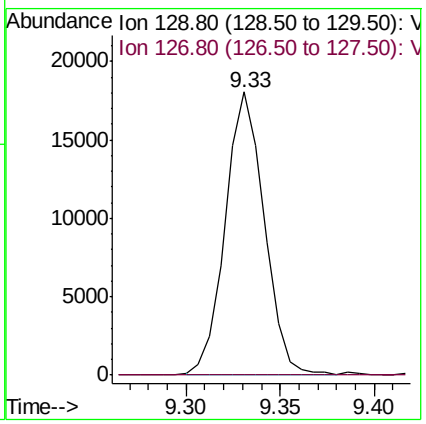


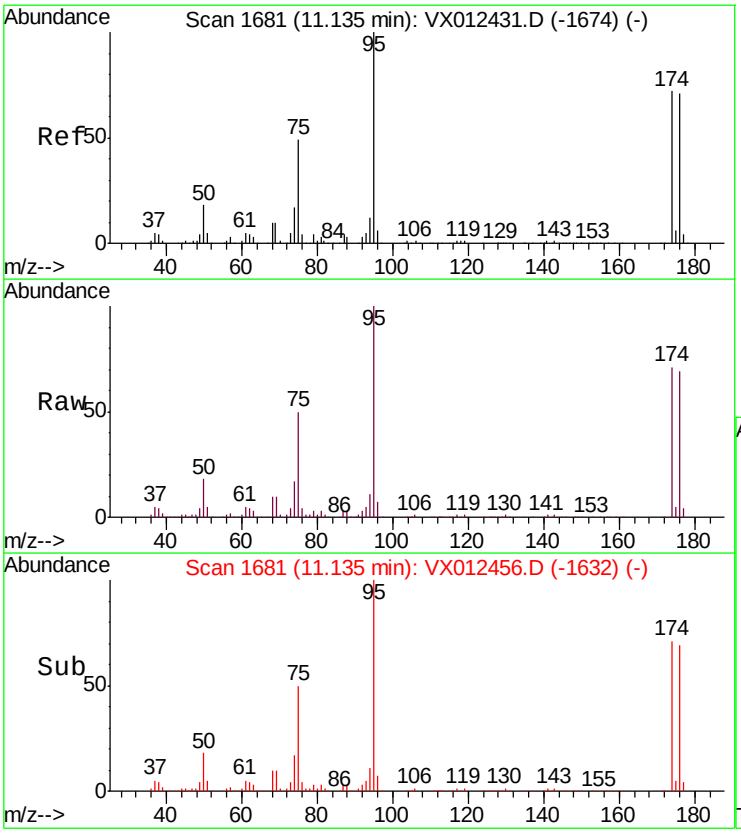
#60
Dibromochloromethane
Concen: 16.110 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.25 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190910

Tgt Ion:129 Resp: 25630

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.9	116.6#

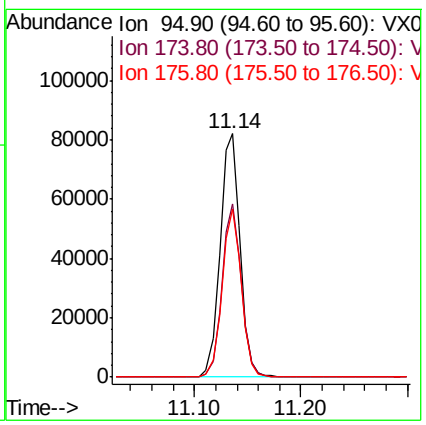


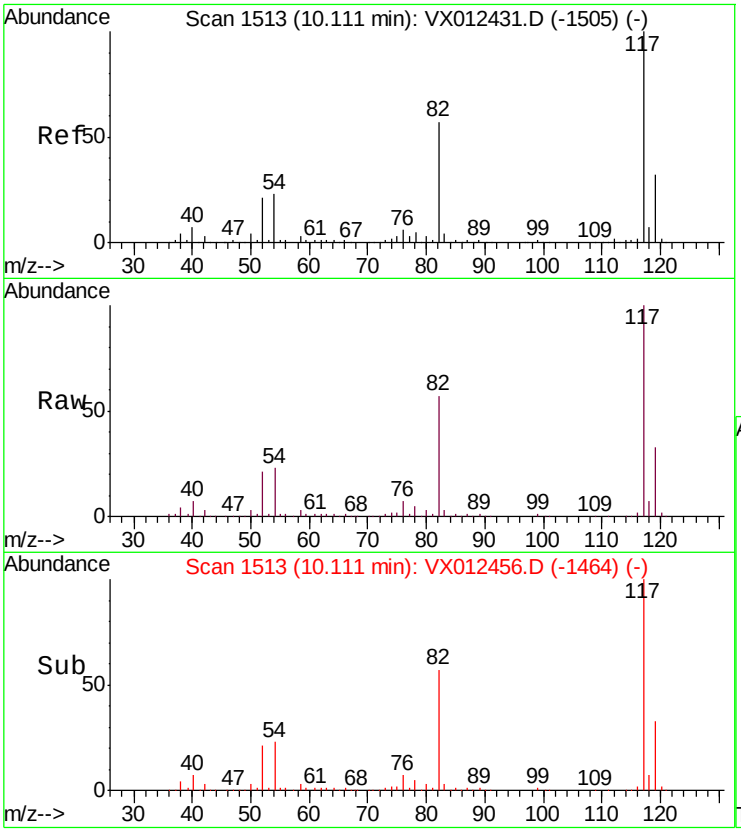


#62
4-Bromofluorobenzene
Concen: 47.397 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Tgt Ion: 95 Resp: 107329

Ion	Ratio	Lower	Upper
95	100		
174	68.7	0.0	140.0
176	66.8	0.0	135.4



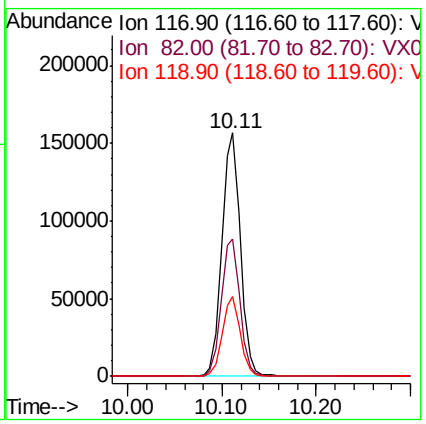


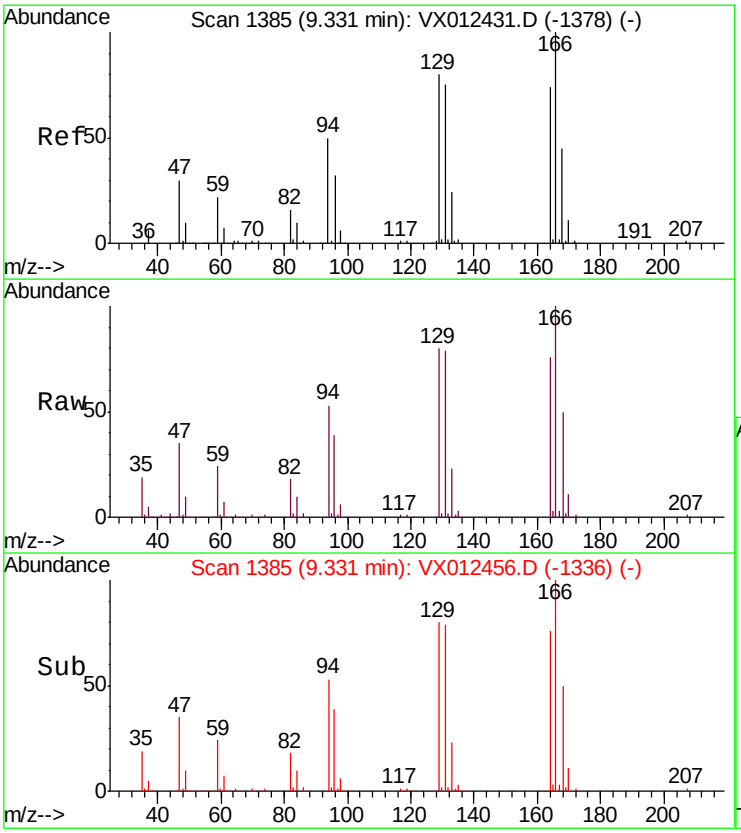
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Instrument : MSVOA_X
ClientSampleId : RE131D1-20190910

Tgt Ion:117 Resp: 212663

Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.9	68.9
119	32.9	25.3	37.9

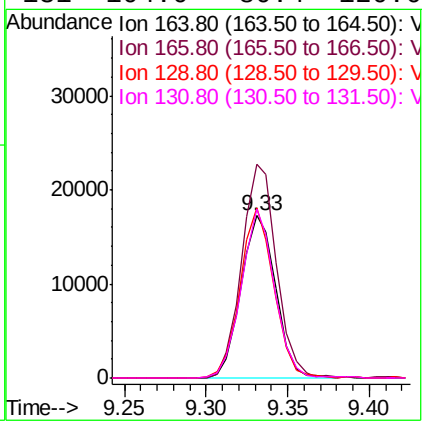


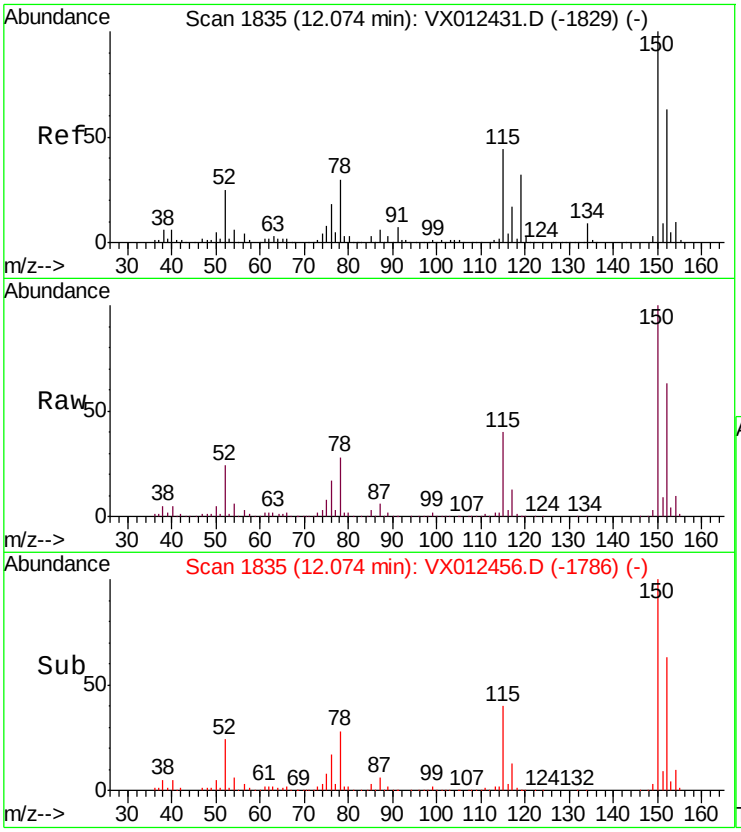


#64
Tetrachloroethene
Concen: 26.180 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Tgt Ion:164 Resp: 25512

Ion	Ratio	Lower	Upper
164	100		
166	131.4	107.8	161.6
129	104.5	86.2	129.2
131	104.0	80.4	120.6



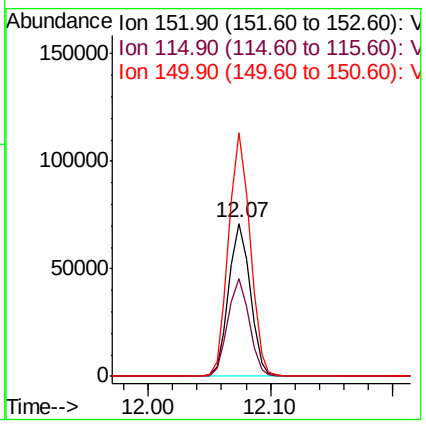


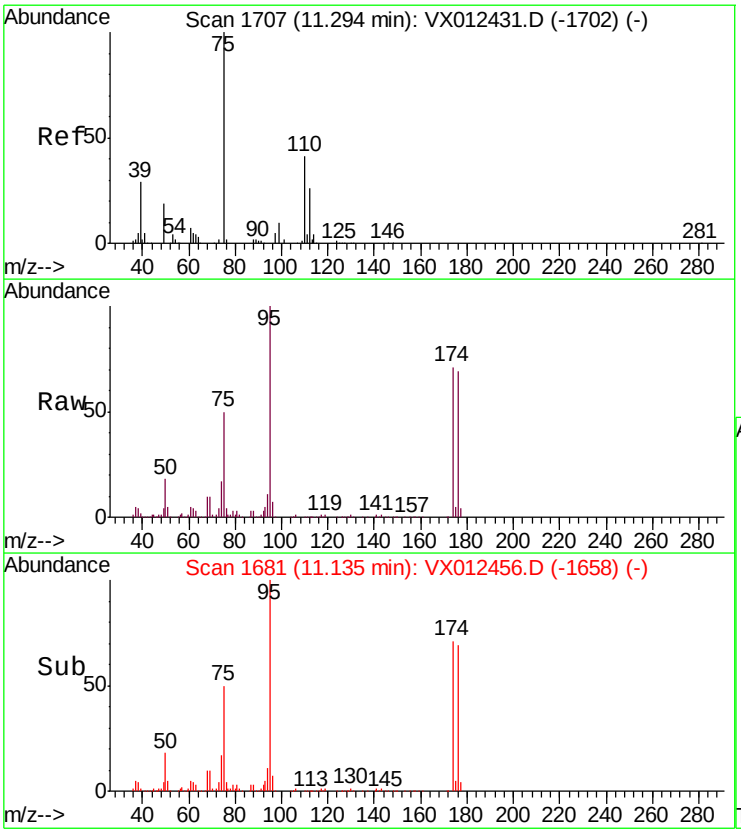
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190910

Tgt Ion:152 Resp: 86649

Ion	Ratio	Lower	Upper
152	100		
115	63.7	44.1	132.3
150	158.4	0.0	343.8

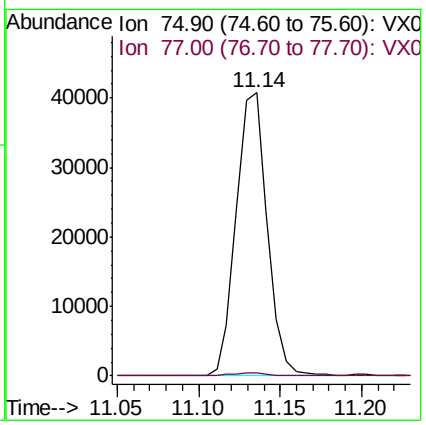


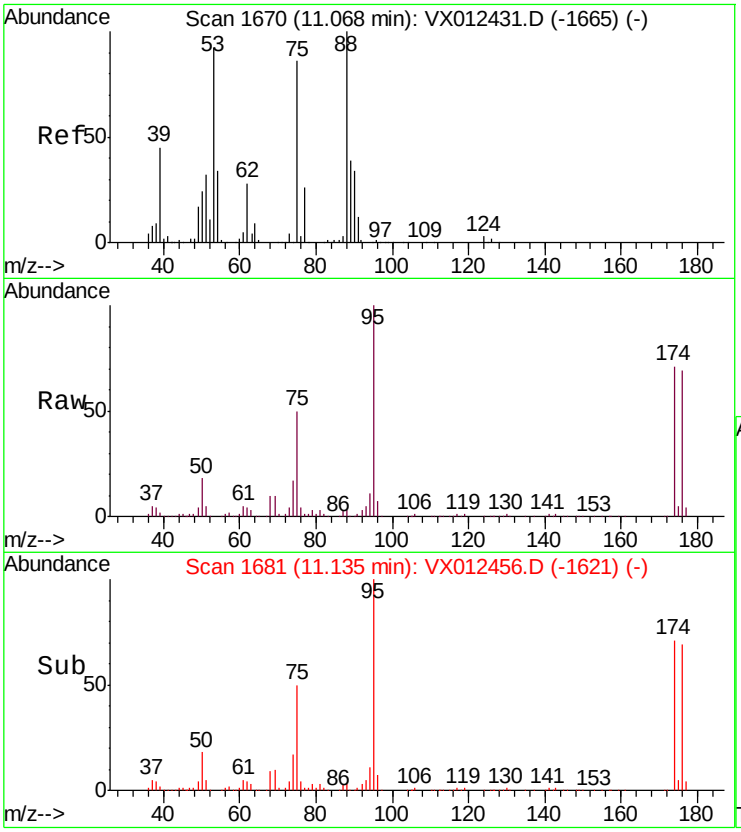


#76
1,2,3-Trichloropropane
Concen: 27.317 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Tgt Ion: 75 Resp: 54372

Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 73.448 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012456.D
Acq: 18 Sep 2019 00:57

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190910

Tgt Ion: 75 Resp: 54372

Ion	Ratio	Lower	Upper
75	100		
53	0.2	83.6	125.4#
89	0.1	36.3	54.5#