Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120619\
Data File : VX013793.D
Acq On : 06 Dec 2019 12:46
Operator : JC/SP
Sample : K6184-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE134D4-20191202

Quant Time: Dec 07 02:36:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	652556	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	994165	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	883684	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	392809	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	358447	47.32	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.64%				
35) Dibromofluoromethane	5.49	113	294389	47.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.80%				
50) Toluene-d8	8.71	98	1168793	48.81	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.62%				
62) 4-Bromofluorobenzene	11.14	95	387879	44.92	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.84%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	1741	0.240	ug/l		84
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1004029	161.379	ug/l		99
11) Tert butyl alcohol	3.02	59	1252	0.670	ug/l	#	63
12) 1,1-Dichloroethene	2.37	96	6115	0.985	ug/l	#	73
13) Acrolein	2.31	56	394	6.311	ug/l	#	15
16) Acetone	2.44	43	10824	2.894	ug/l		97
20) Methylene Chloride	2.85	84	2110	0.294	ug/l	#	84
27) cis-1,2-Dichloroethene	4.59	96	6038	0.777	ug/l		96
36) 1,1-Dichloropropene	5.65	75	42815	4.744	ug/l	#	51
38) Carbon Tetrachloride	5.65	117	58085	6.980	ug/l	#	15
42) 1,2-Dichloroethane	6.19	62	2164	0.231	ug/l		74
44) Trichloroethene	7.21	130	126254	16.737	ug/l		97
49) 1,4-Dioxane	7.75	88	685	3.779	ug/l	#	1
60) Dibromochloromethane	9.33	129	45283	6.341	ug/l	#	12
64) Tetrachloroethene	9.33	164	53142	8.064	ug/l		93
76) 1,2,3-Trichloropropane	11.14	75	191701	21.698	ug/l	#	40
81) trans-1,4-Dichloro-2-buten	11.14	75	191701	59.362	ug/l	#	11

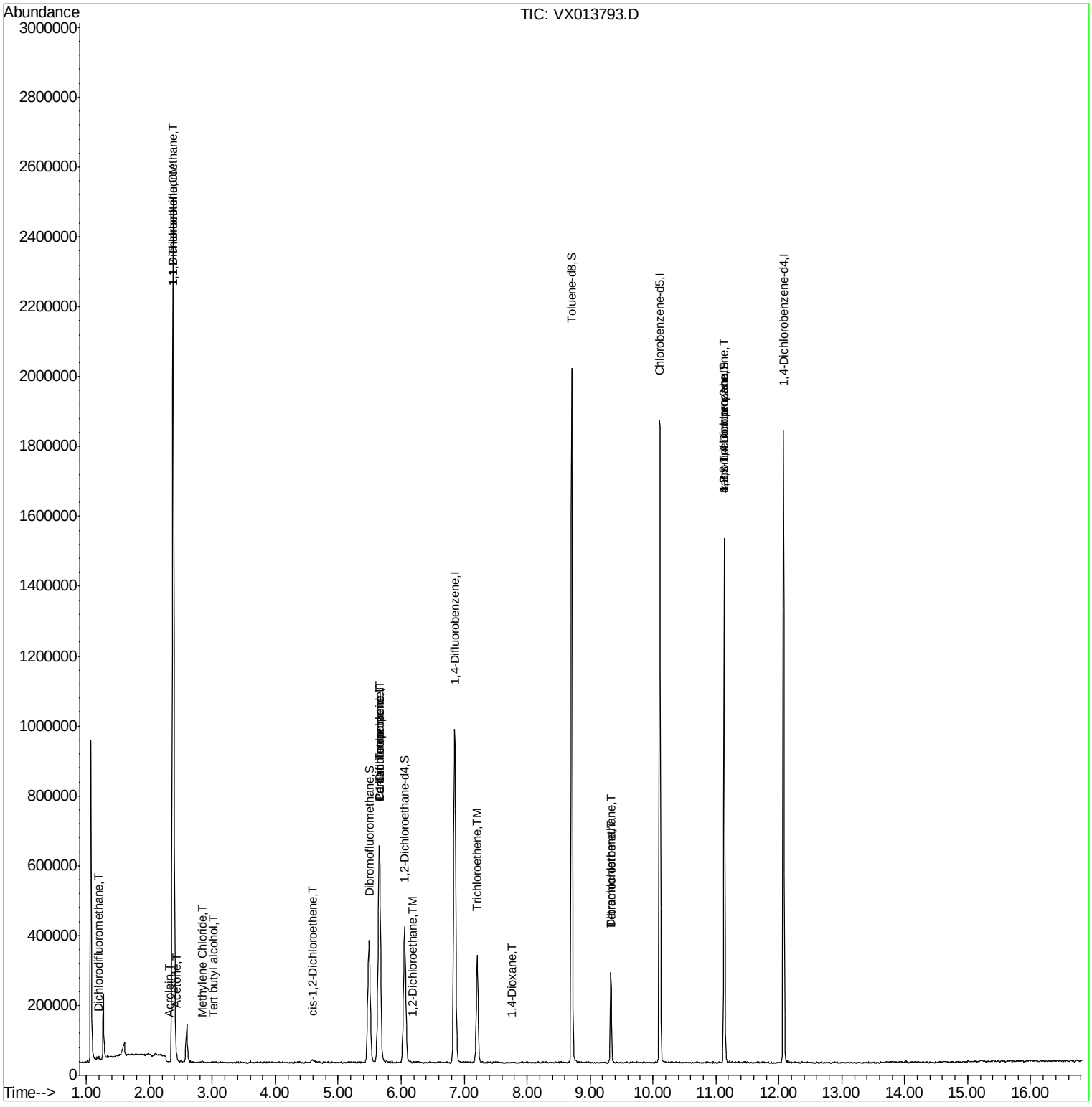
(#) = qualifier out of range (m) = manual integration (+) = signals summed

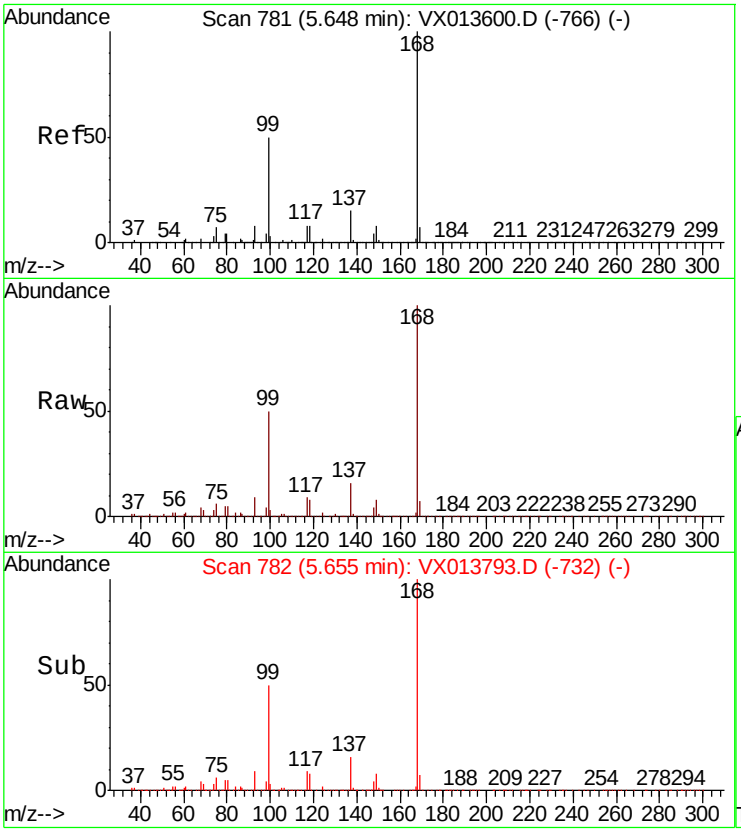
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
Data File : VX013793.D
Acq On : 06 Dec 2019 12:46
Operator : JC/SP
Sample : K6184-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20191202

Quant Time: Dec 07 02:36:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration



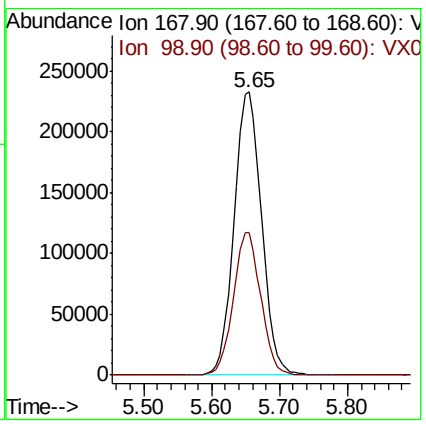


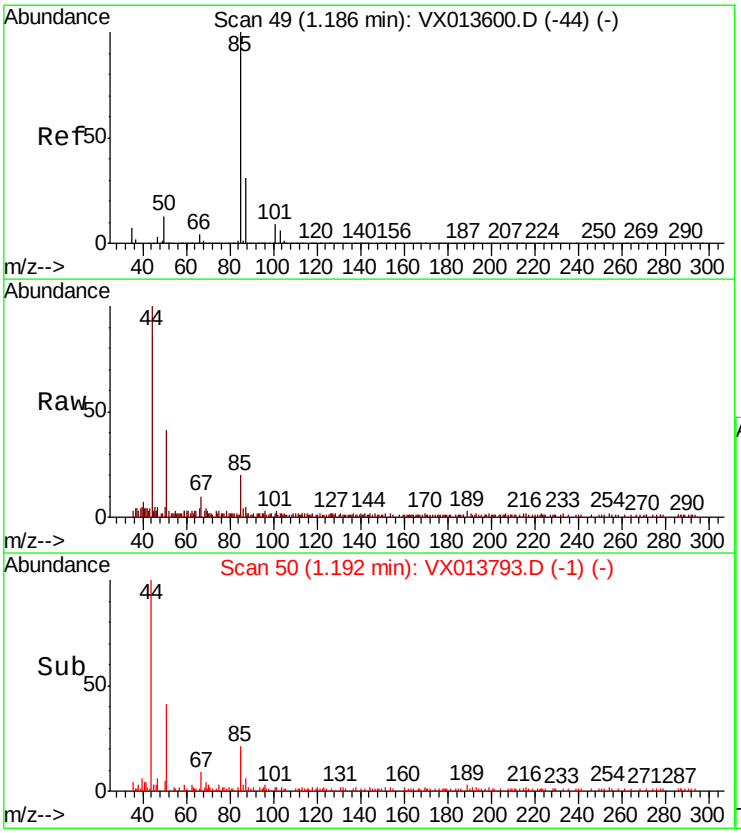
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20191202

Tgt Ion:168 Resp: 652556

Ion	Ratio	Lower	Upper
168	100		
99	50.3	39.8	59.8

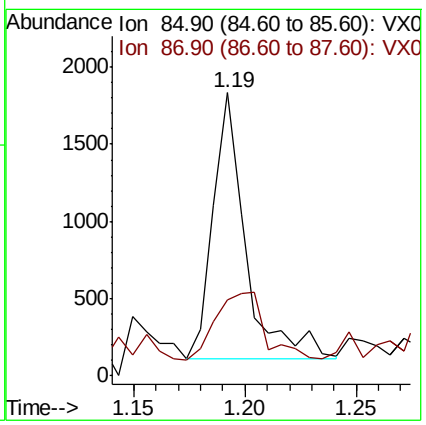


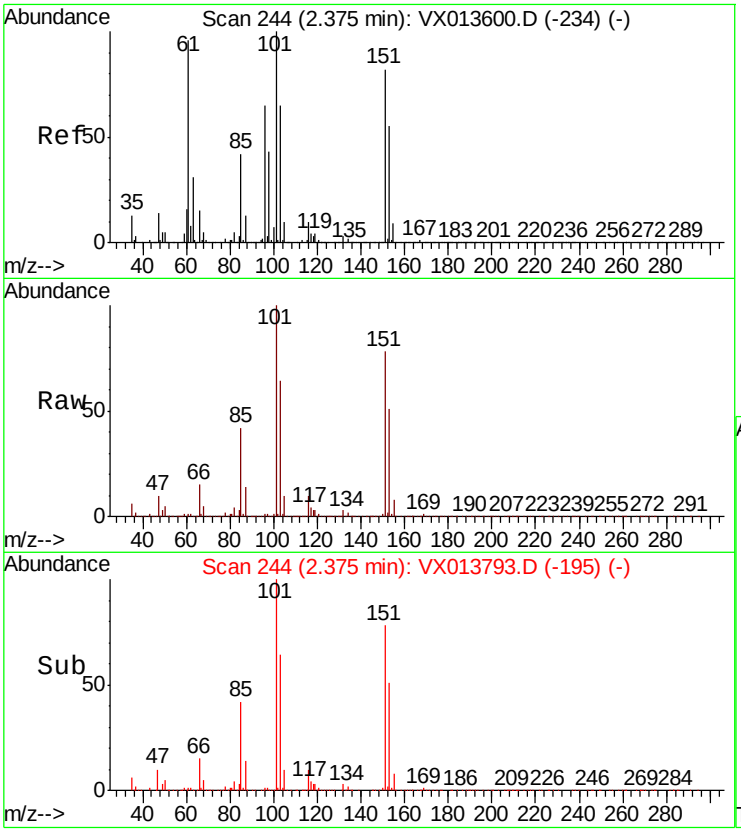


#2
Dichlorodifluoromethane
Concen: 0.240 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Tgt Ion: 85 Resp: 1741

Ion	Ratio	Lower	Upper
85	100		
87	22.5	15.7	47.1



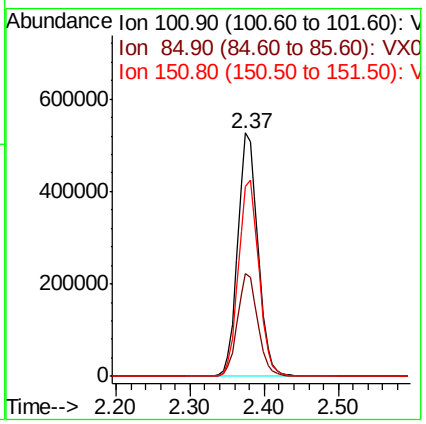


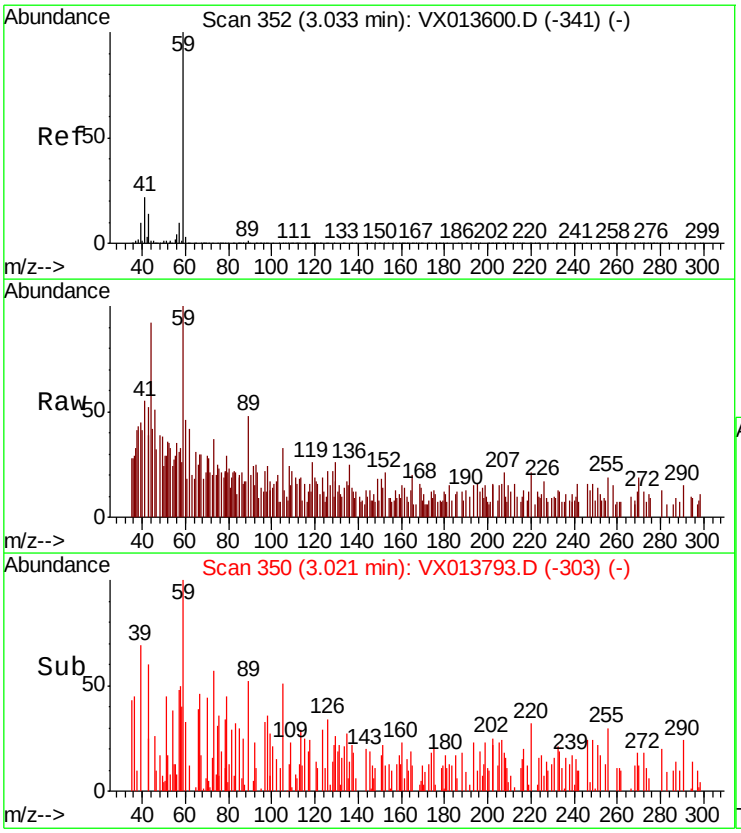
#9
1,1,2-Trichlorotrifluoroethane
Concen: 161.379 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.00 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20191202

Tgt Ion:101 Resp: 1004029

Ion	Ratio	Lower	Upper
101	100		
85	42.0	33.9	50.9
151	81.7	64.2	96.2

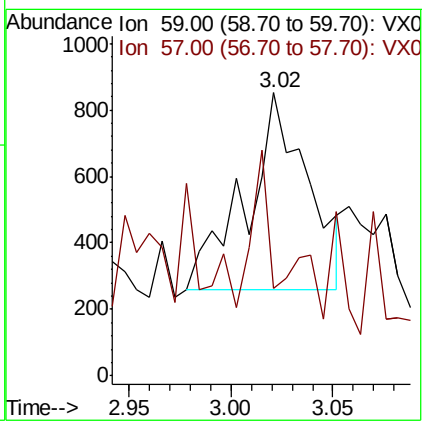


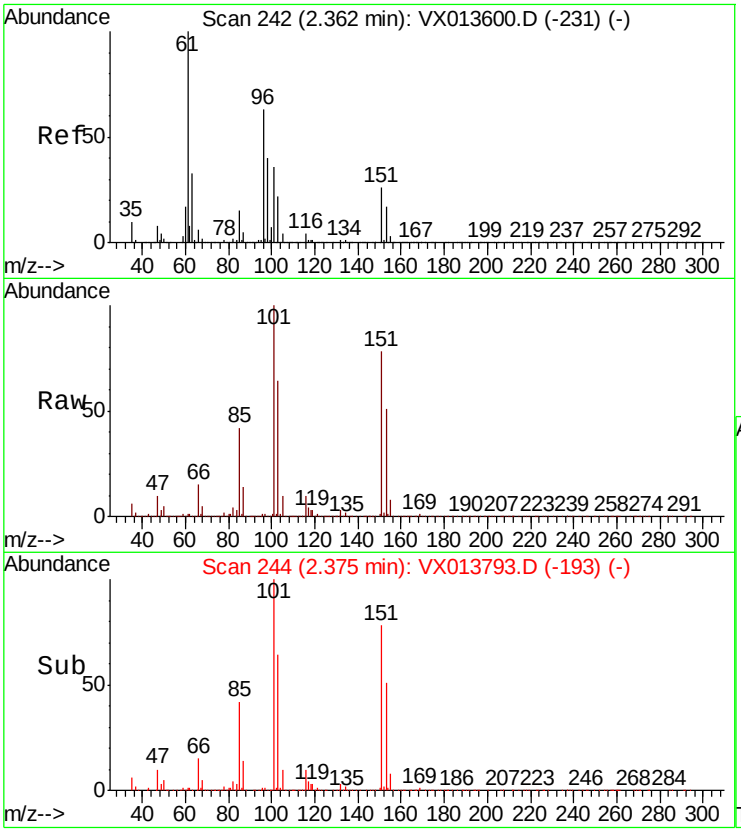


#11
Tert butyl alcohol
Concen: 0.670 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Tgt Ion: 59 Resp: 1252

Ion	Ratio	Lower	Upper
59	100		
57	23.5	7.8	11.6#



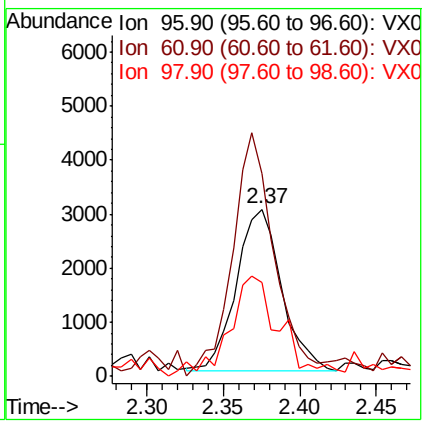


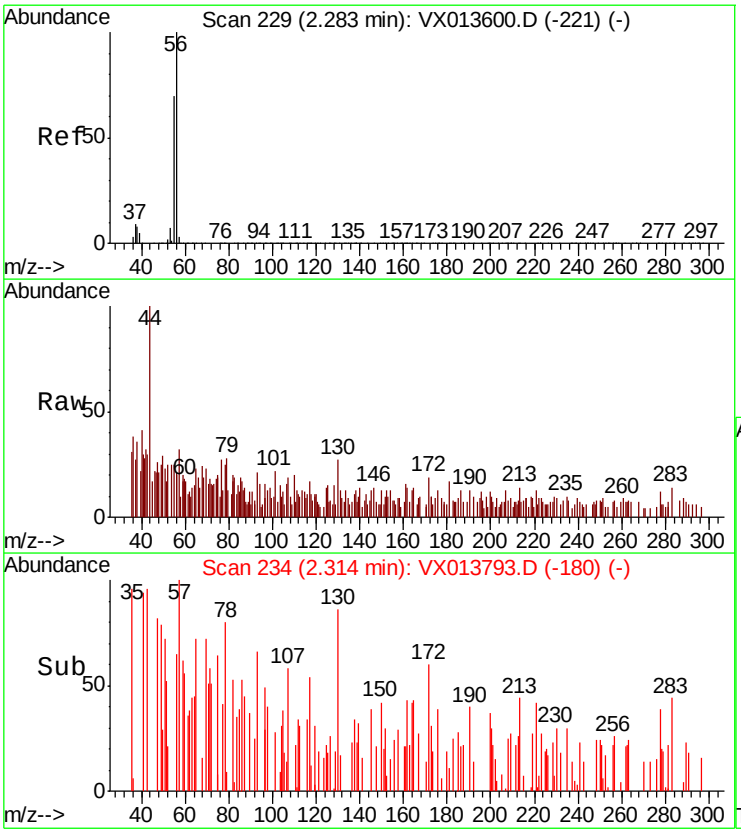
#12
1,1-Dichloroethene
Concen: 0.985 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Instrument : MSVOA_X
ClientSampleId : RE134D4-20191202

Tgt Ion: 96 Resp: 6115

Ion	Ratio	Lower	Upper
96	100		
61	115.4	126.6	190.0#
98	53.6	50.6	76.0

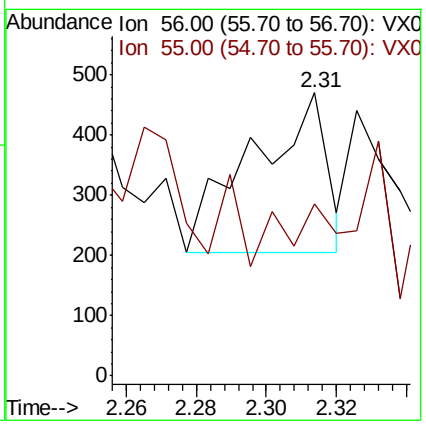


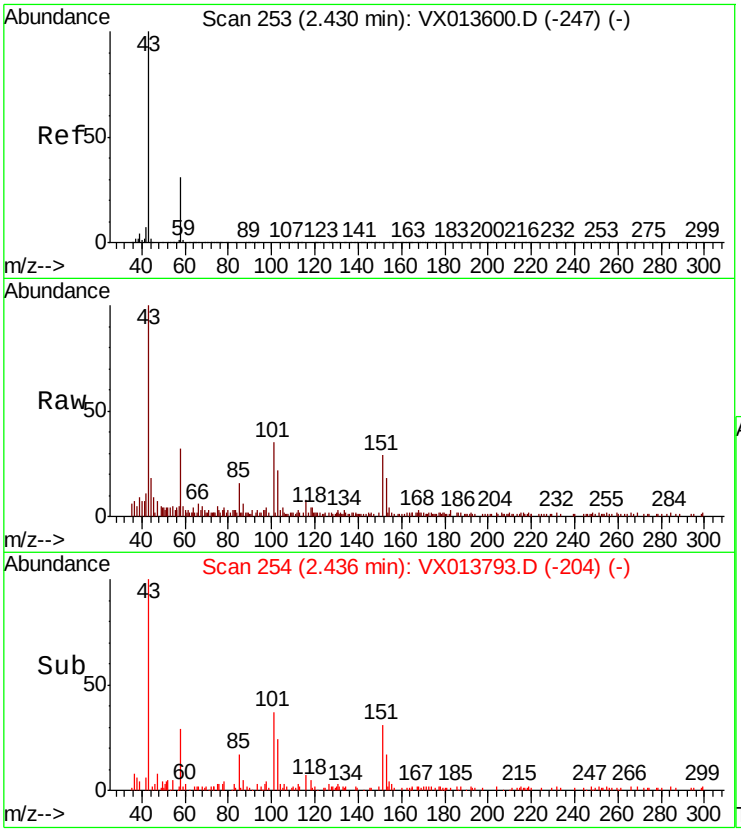


#13
Acrolein
Concen: 6.311 ug/l
RT: 2.31 min Scan# 234
Delta R.T. 0.03 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Tgt Ion: 56 Resp: 394

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.2	84.4#



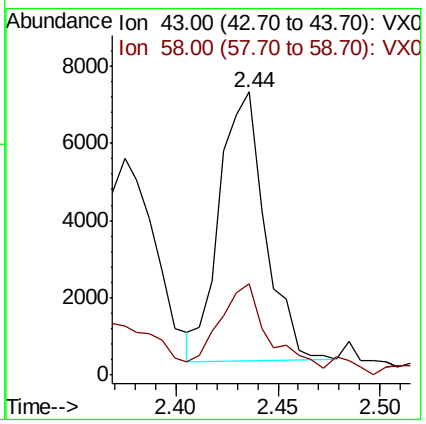


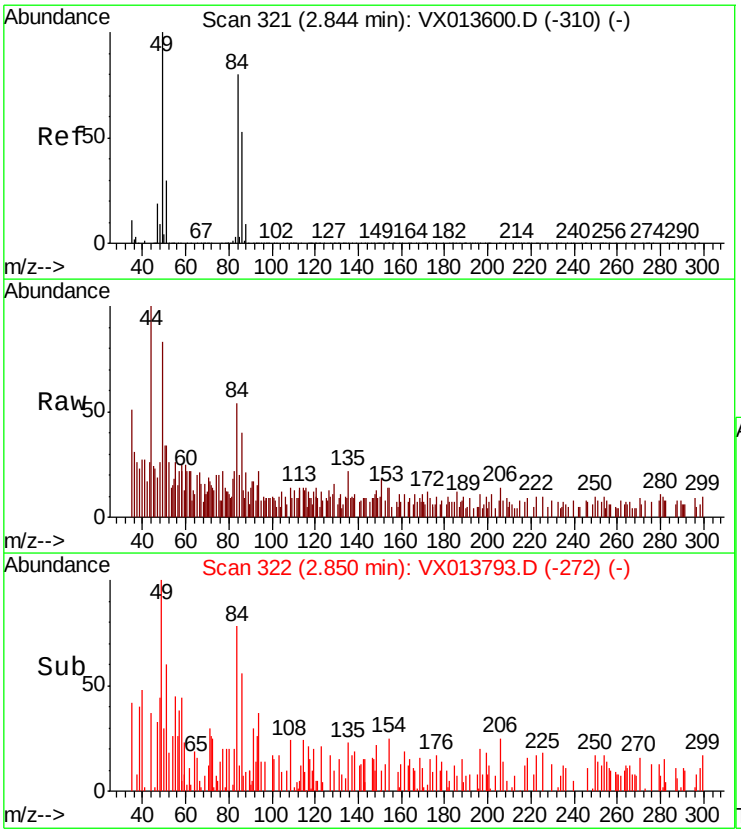
#16
Acetone
Concen: 2.894 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Instrument : MSVOA_X
ClientSampleId : RE134D4-20191202

Tgt Ion: 43 Resp: 10824

Ion	Ratio	Lower	Upper
43	100		
58	29.2	24.6	36.8

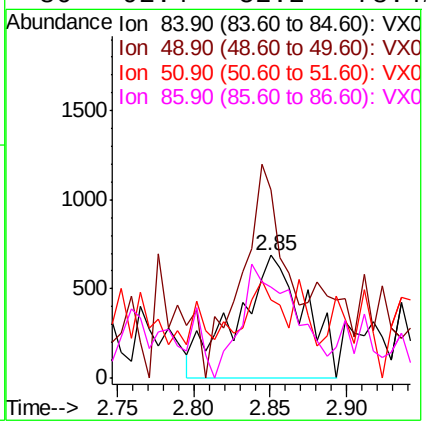


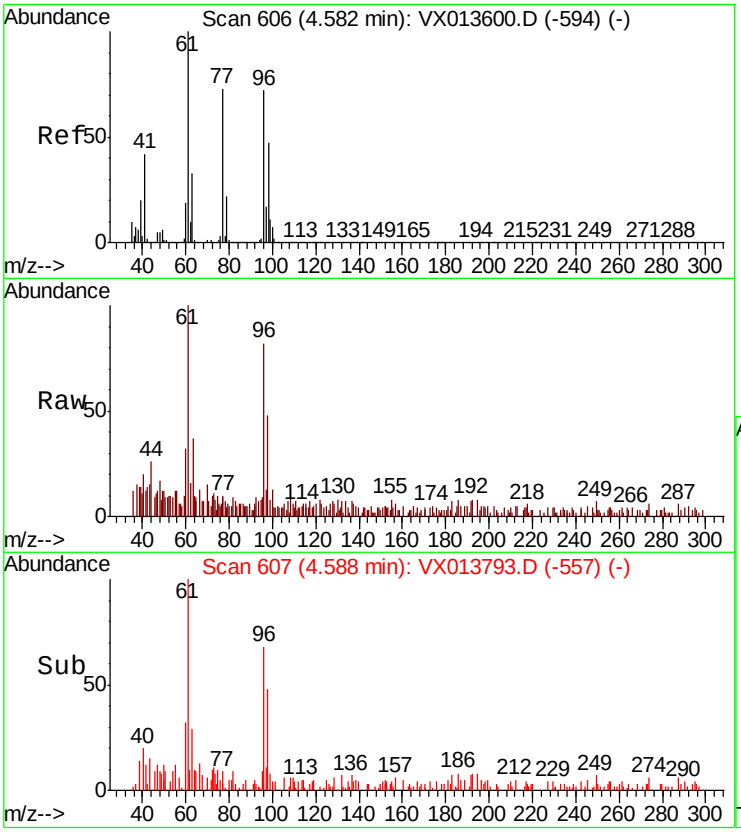


#20
Methylene Chloride
Concen: 0.294 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Tgt Ion: 84 Resp: 2110

Ion	Ratio	Lower	Upper
84	100		
49	134.4	99.7	149.5
51	44.3	29.9	44.9
86	92.4	52.2	78.4#



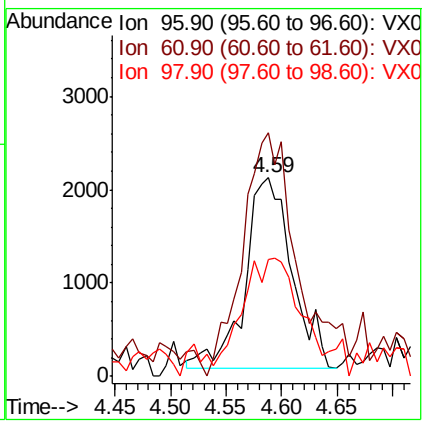


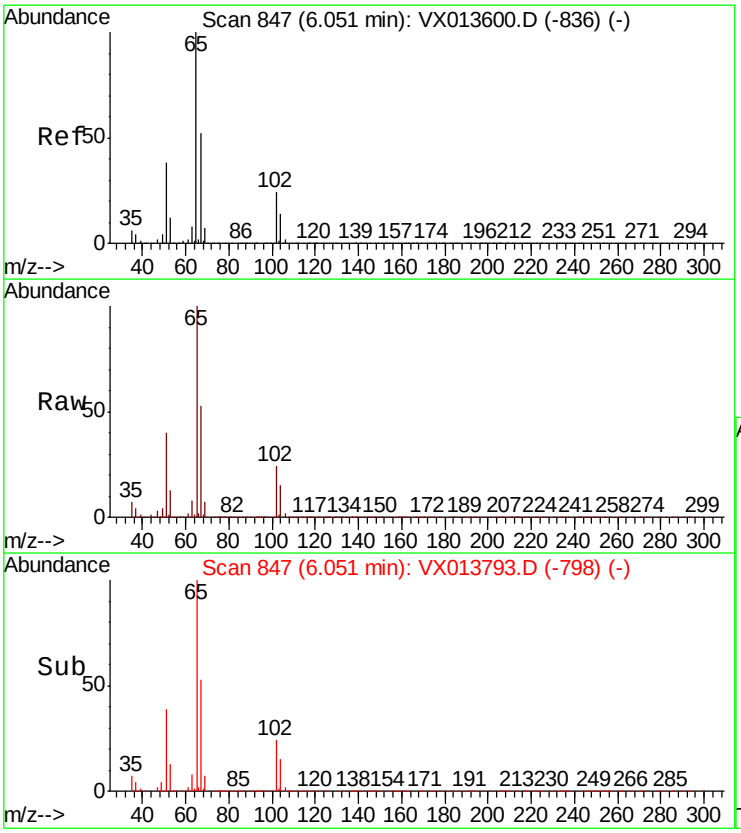
#27
cis-1,2-Dichloroethene
Concen: 0.777 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20191202

Tgt Ion: 96 Resp: 6038

Ion	Ratio	Lower	Upper
96	100		
61	150.0	0.0	286.4
98	64.5	0.0	127.4

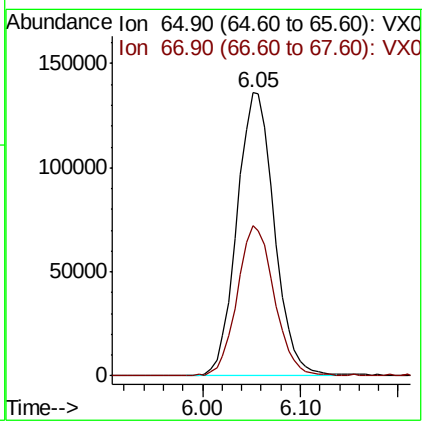


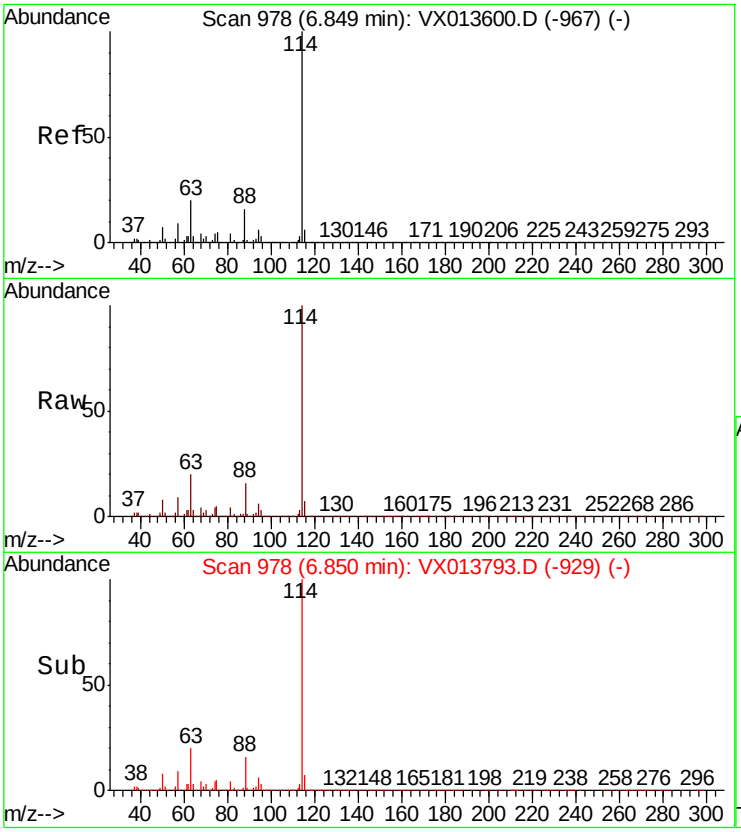


#33
1,2-Dichloroethane-d4
Concen: 47.322 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Tgt Ion: 65 Resp: 358447

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	104.4



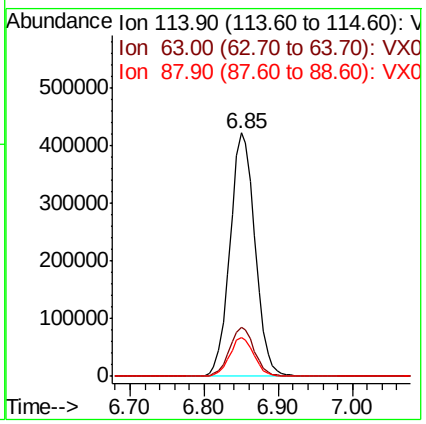


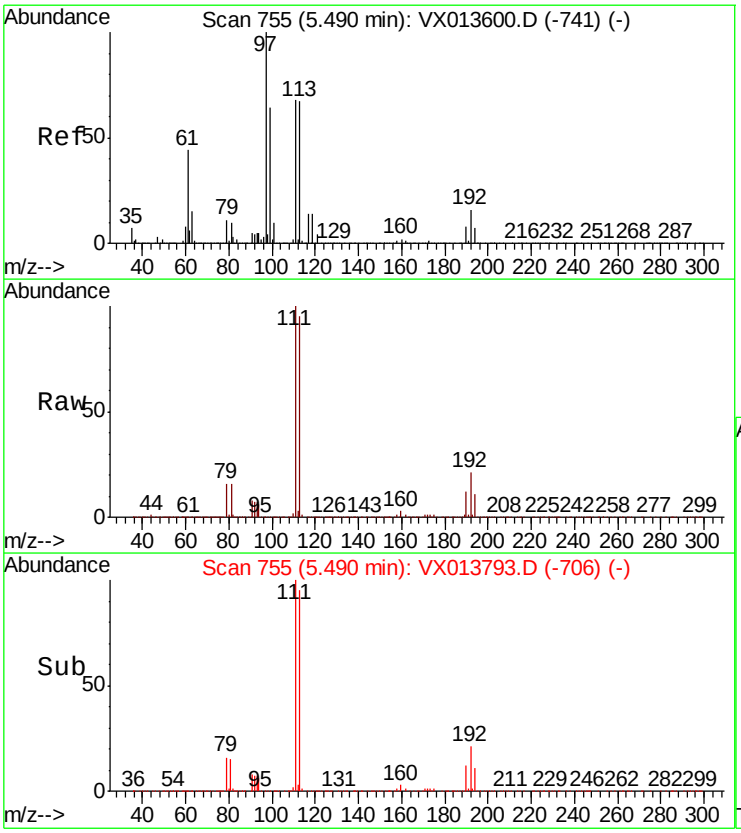
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20191202

Tgt Ion:114 Resp: 994165

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.6
88	16.0	0.0	31.4

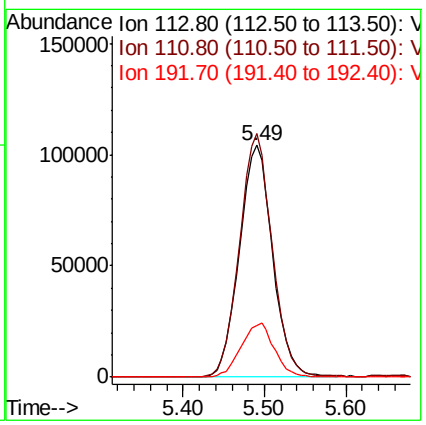


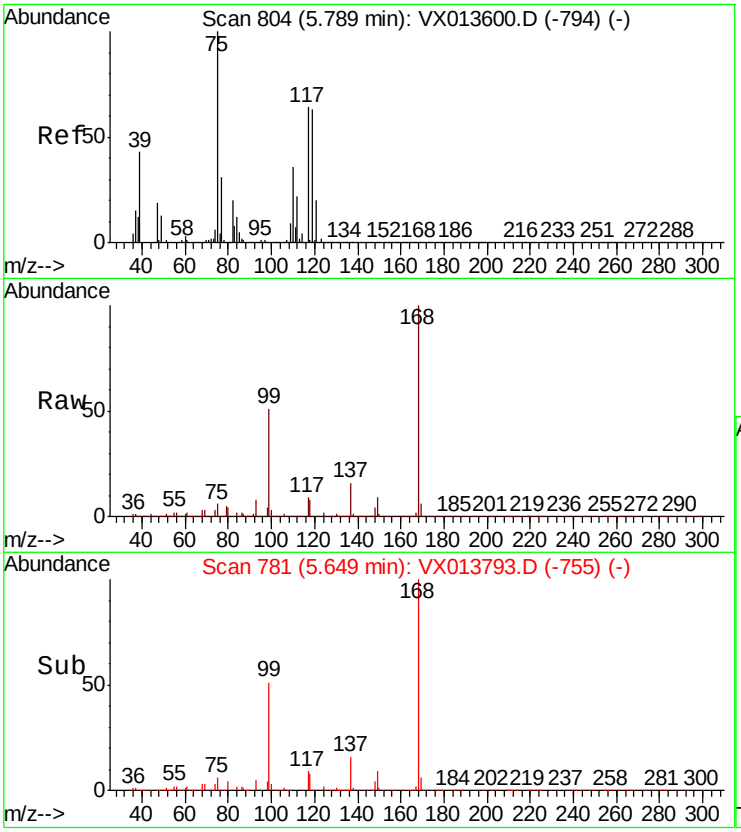


#35
Dibromofluoromethane
Concen: 47.899 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Tgt Ion:113 Resp: 294389

Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.6	125.4
192	23.3	19.2	28.8



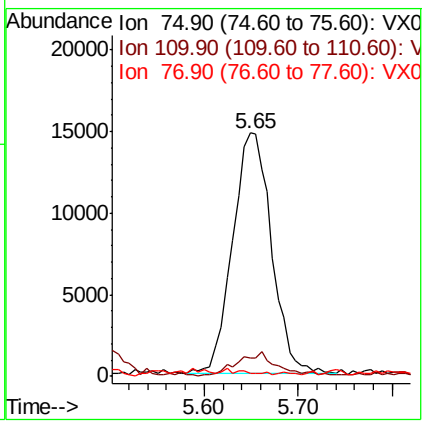


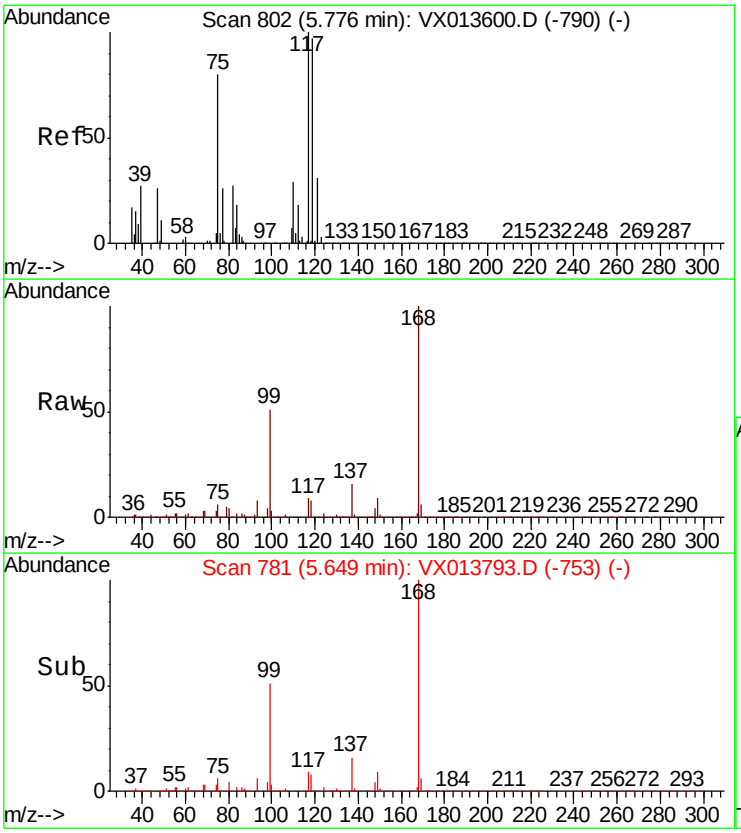
#36
1,1-Dichloropropene
Concen: 4.744 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20191202

Tgt Ion: 75 Resp: 42815

Ion	Ratio	Lower	Upper
75	100		
110	10.8	18.1	54.1#
77	0.0	24.5	36.7#

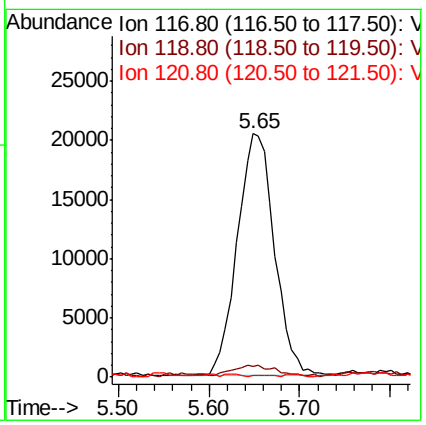


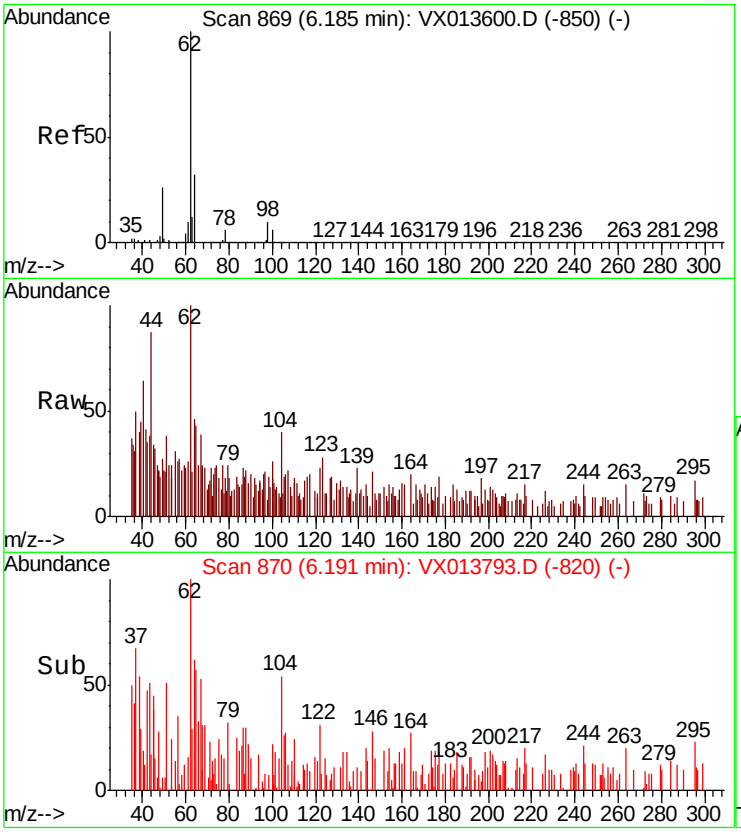


#38
Carbon Tetrachloride
Concen: 6.980 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Tgt Ion:117 Resp: 58085

Ion	Ratio	Lower	Upper
117	100		
119	3.9	77.5	116.3#
121	0.0	25.0	37.6#



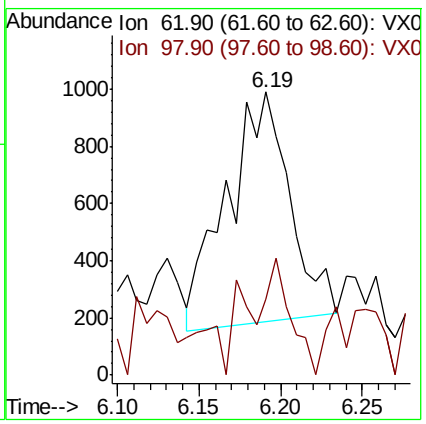


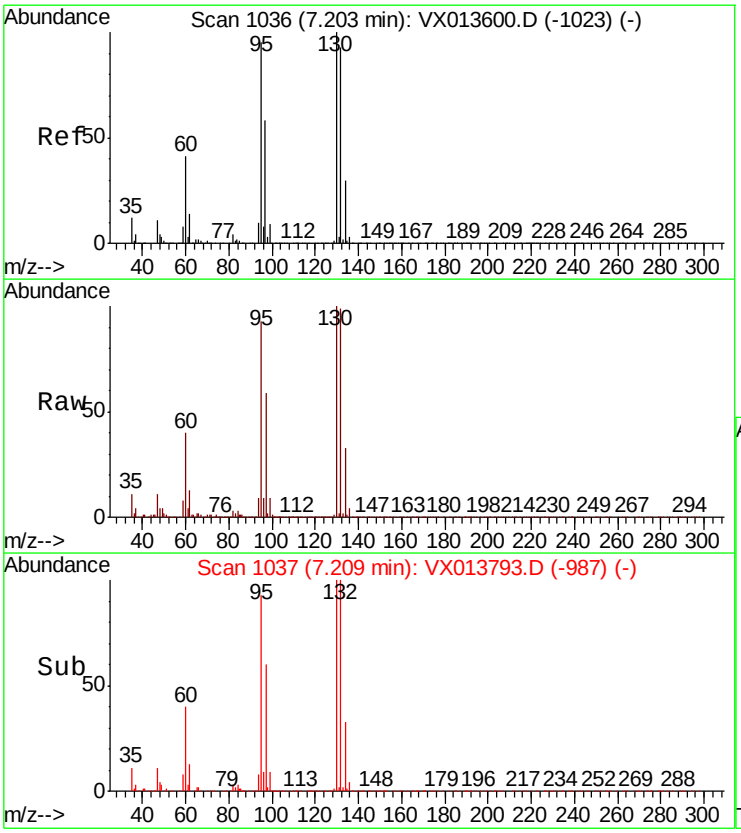
#42
1,2-Dichloroethane
Concen: 0.231 ug/l
RT: 6.19 min Scan# 870
Delta R.T. 0.01 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20191202

Tgt Ion: 62 Resp: 2164

Ion	Ratio	Lower	Upper
62	100		
98	20.0	0.0	20.8

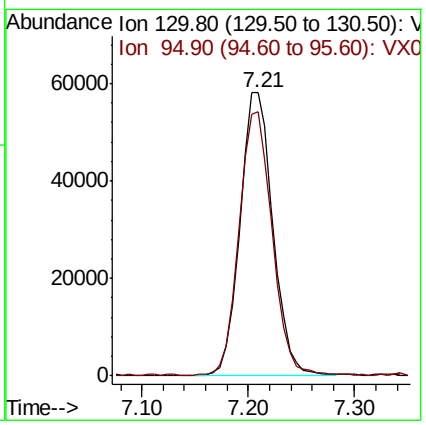


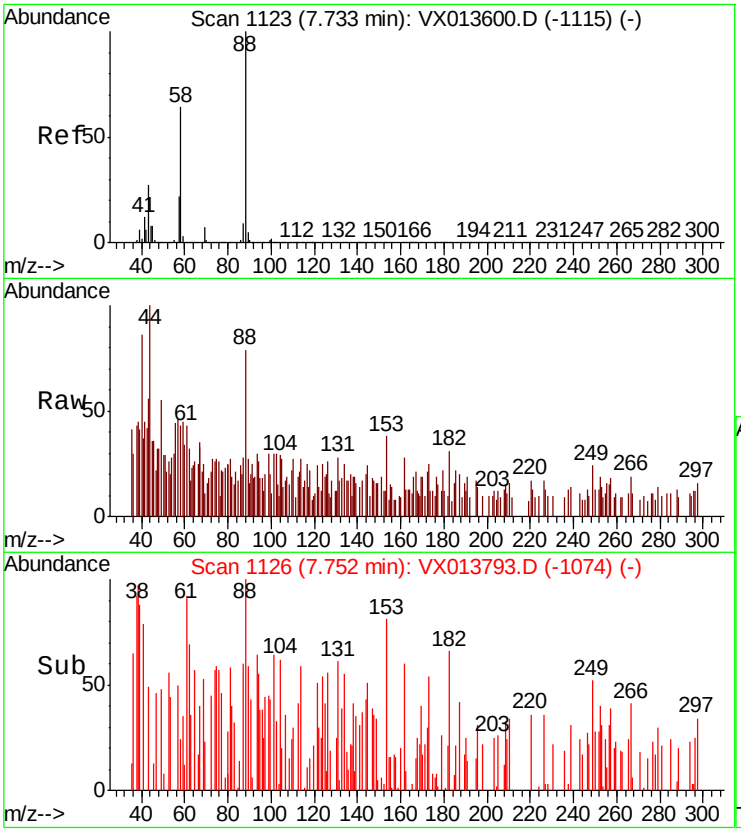


#44
Trichloroethene
Concen: 16.737 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Tgt Ion:130 Resp: 126254

Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	190.8



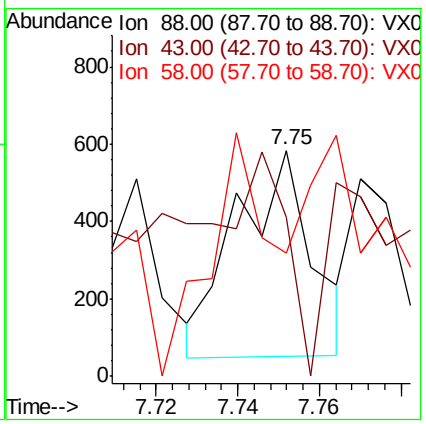


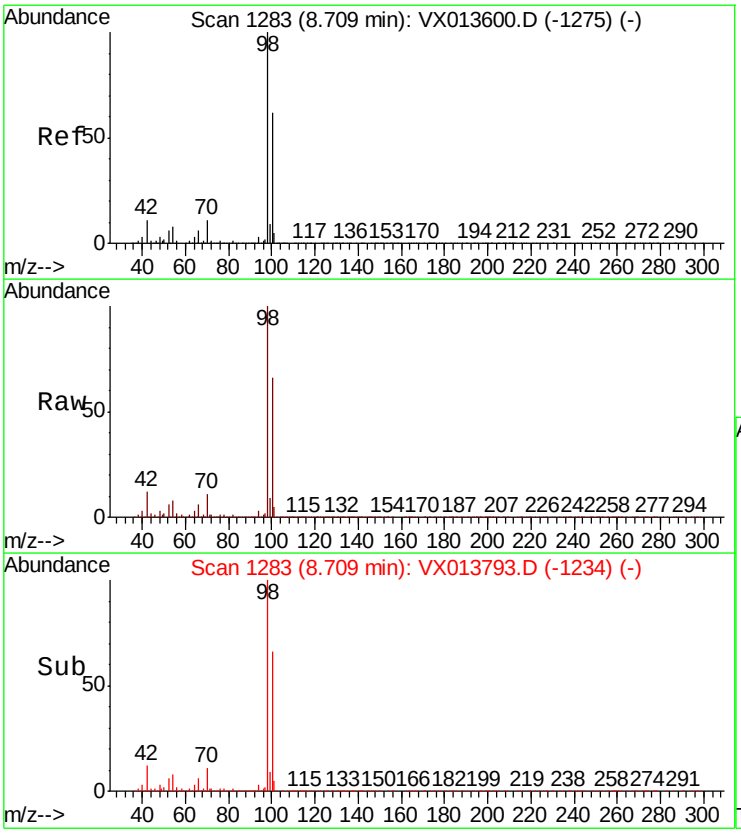
#49
1,4-Dioxane
Concen: 3.779 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. 0.02 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20191202

Tgt Ion: 88 Resp: 685

Ion	Ratio	Lower	Upper
88	100		
43	190.9	25.8	38.6#
58	96.5	54.6	82.0#

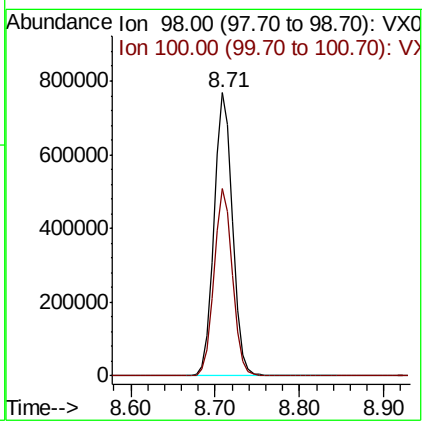


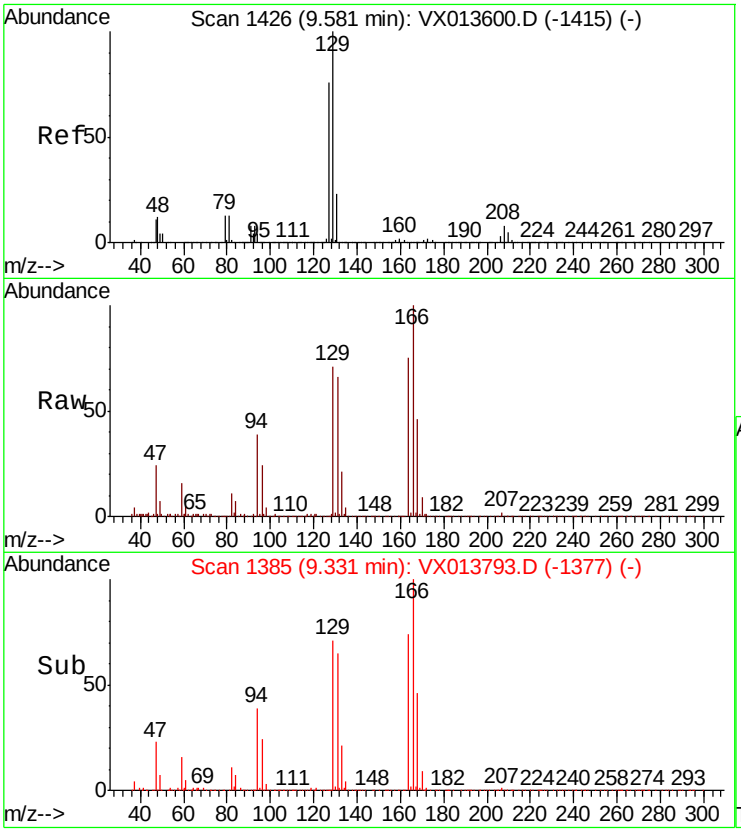


#50
Toluene-d8
Concen: 48.810 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Tgt Ion: 98 Resp: 1168793

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.1	79.7



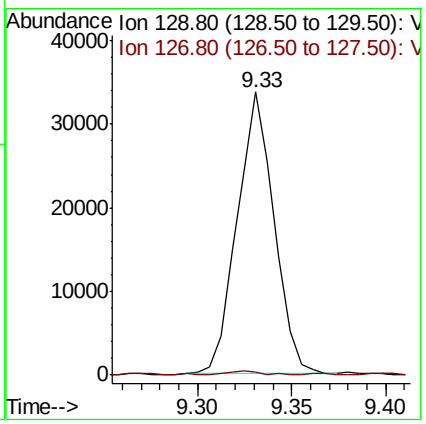


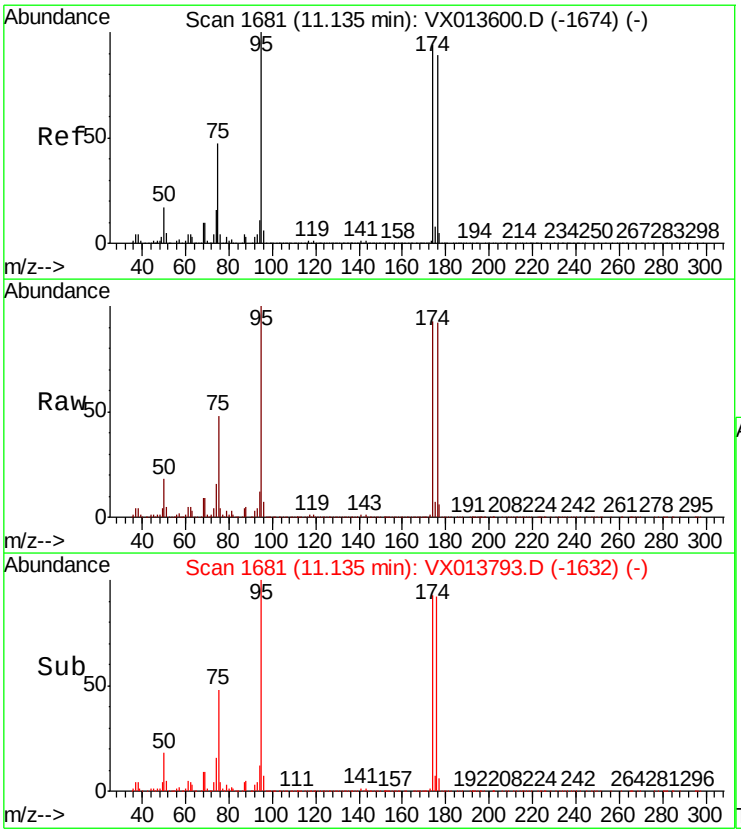
#60
Dibromochloromethane
Concen: 6.341 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.25 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20191202

Tgt Ion:129 Resp: 45283

Ion	Ratio	Lower	Upper
129	100		
127	1.0	38.5	115.5#

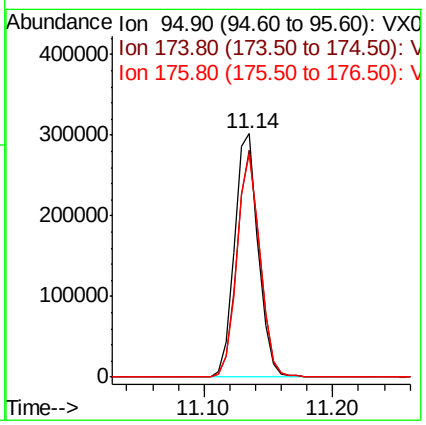


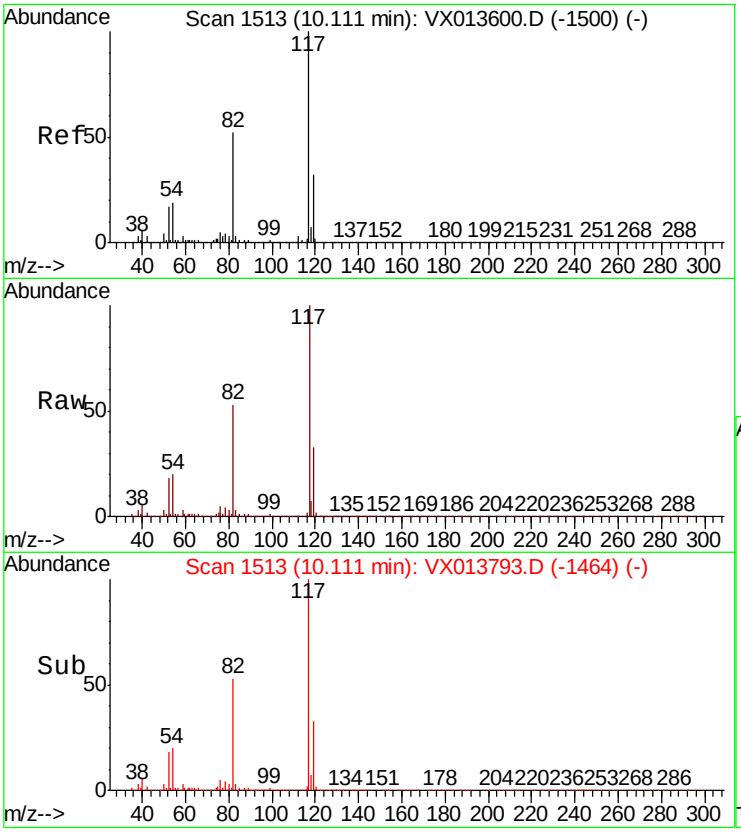


#62
4-Bromofluorobenzene
Concen: 44.920 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Tgt Ion: 95 Resp: 387879

Ion	Ratio	Lower	Upper
95	100		
174	89.3	0.0	180.0
176	88.2	0.0	173.6



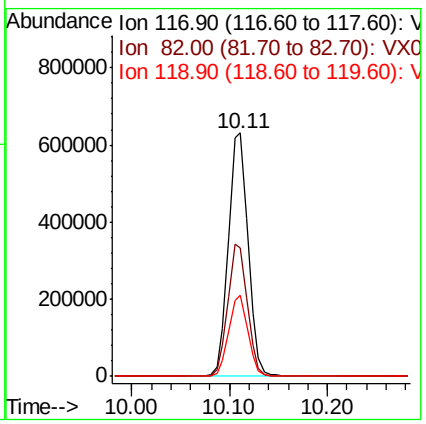


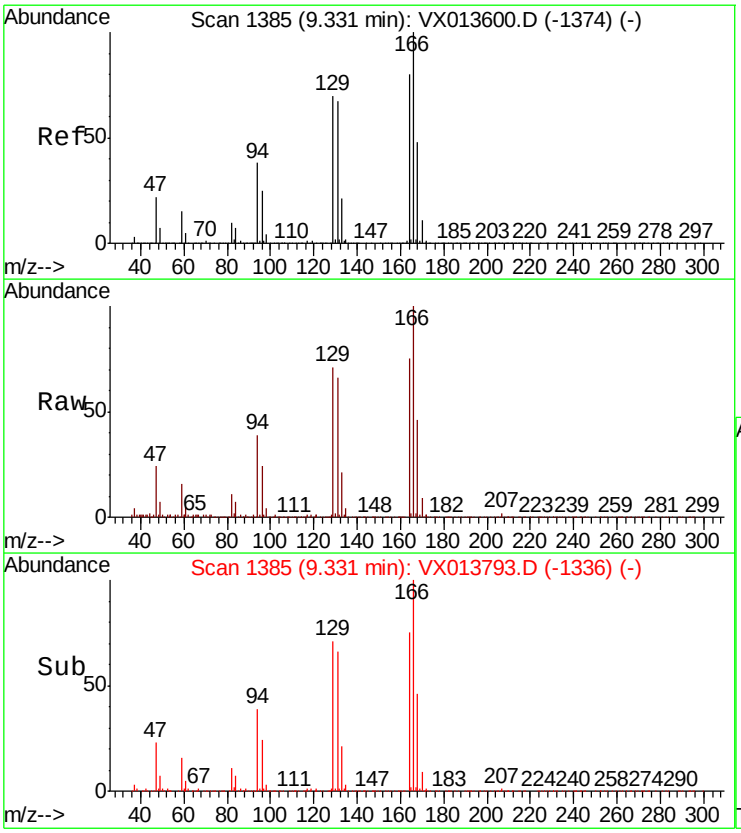
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Instrument : MSVOA_X
ClientSampleId : RE134D4-20191202

Tgt Ion:117 Resp: 883684

Ion	Ratio	Lower	Upper
117	100		
82	52.8	41.8	62.8
119	33.1	25.8	38.8

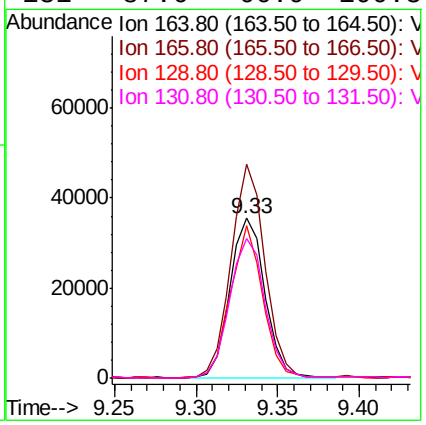


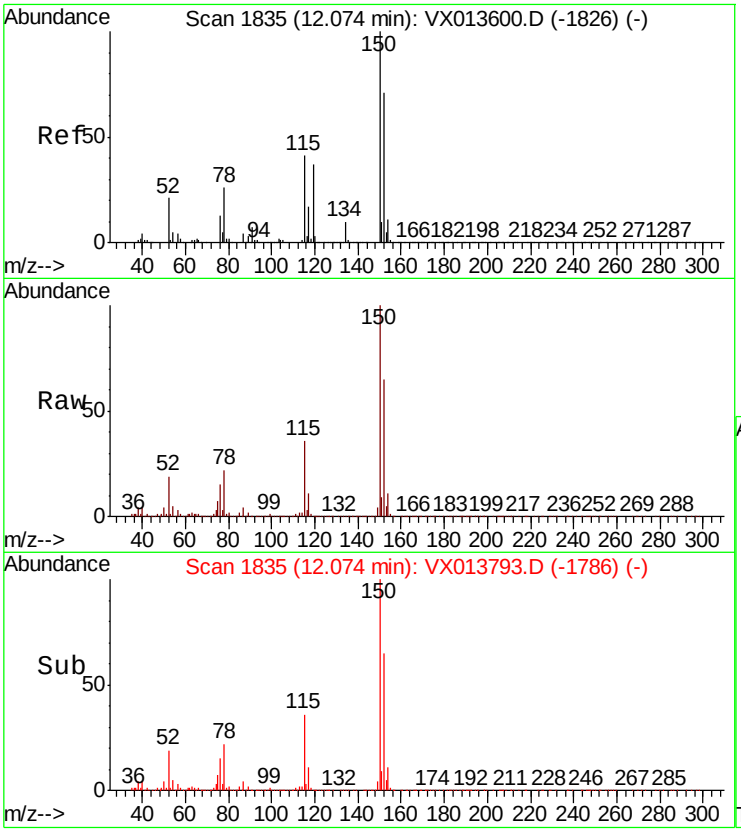


#64
Tetrachloroethene
Concen: 8.064 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Tgt Ion:164 Resp: 53142

Ion	Ratio	Lower	Upper
164	100		
166	133.5	99.7	149.5
129	94.8	70.1	105.1
131	87.6	66.9	100.3



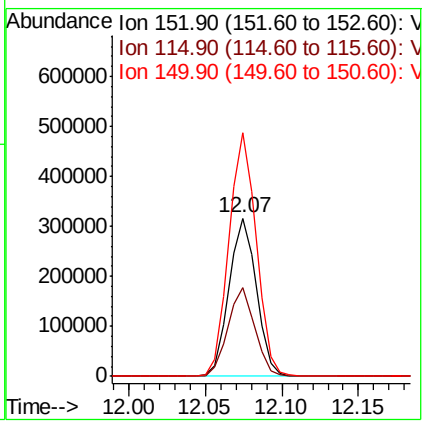


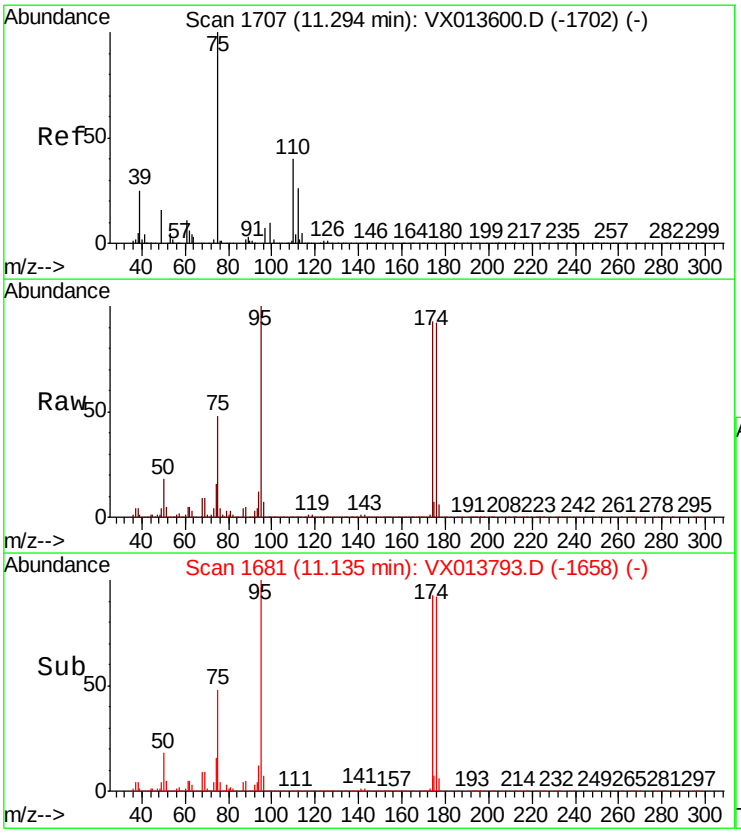
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20191202

Tgt Ion:152 Resp: 392809

Ion	Ratio	Lower	Upper
152	100		
115	54.8	38.4	115.1
150	153.3	0.0	346.8

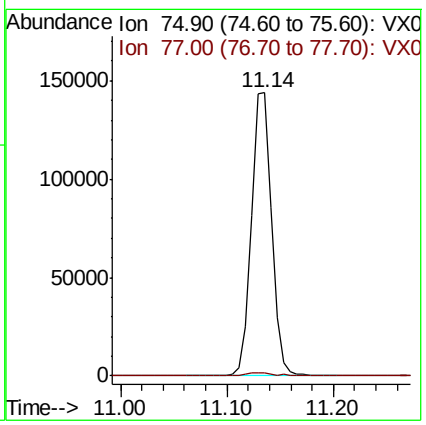


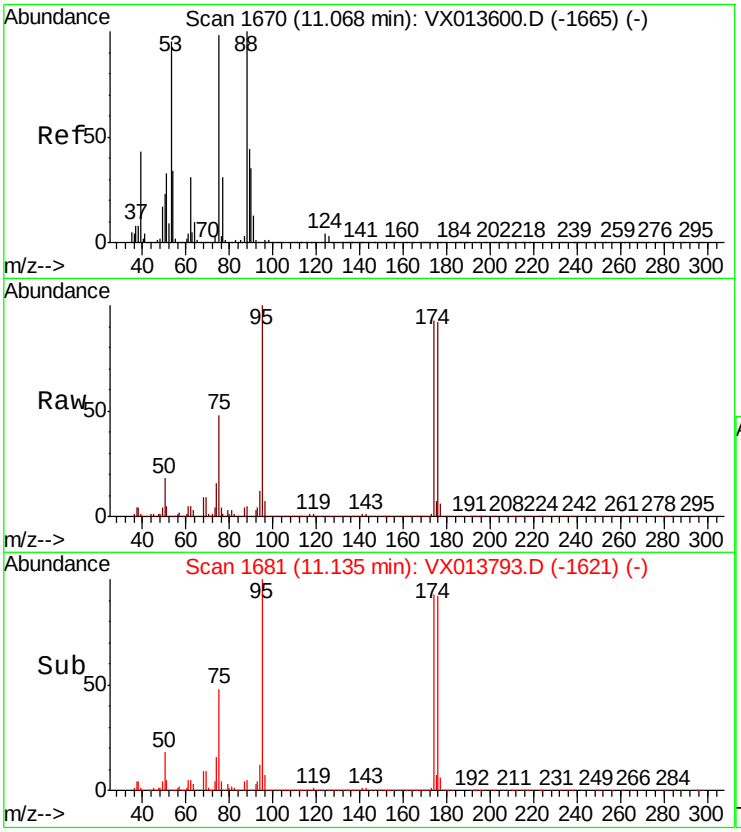


#76
1,2,3-Trichloropropane
Concen: 21.698 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Tgt Ion: 75 Resp: 191701

Ion	Ratio	Lower	Upper
75	100		
77	1.8	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 59.362 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX013793.D
Acq: 06 Dec 2019 12:46

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20191202

Tgt Ion: 75 Resp: 191701

Ion	Ratio	Lower	Upper
75	100		
53	0.1	78.2	117.2#
89	0.1	35.4	53.2#