Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121219\
Data File : VX013985.D
Acq On : 12 Dec 2019 19:05
Operator : JC/SP
Sample : K6252-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE132D6-20191209

Quant Time: Dec 13 00:54:52 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	566953	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	868227	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	783541	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	337600	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	321634	48.87	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.74%				
35) Dibromofluoromethane	5.48	113	258798	48.22	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.44%				
50) Toluene-d8	8.71	98	1028412	49.18	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.36%				
62) 4-Bromofluorobenzene	11.14	95	348996	46.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.56%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	2216	0.351	ug/l		91
3) Chloromethane	1.31	50	1447	0.204	ug/l	#	71
6) Chloroethane	1.62	64	20946	4.619	ug/l	#	44
9) 1,1,2-Trichlorotrifluoroet	2.37	101	164555	30.443	ug/l		99
11) Tert butyl alcohol	3.03	59	2176	1.340	ug/l		100
12) 1,1-Dichloroethene	2.36	96	57390	10.637	ug/l		100
13) Acrolein	2.29	56	822	6.742	ug/l	#	34
16) Acetone	2.44	43	5698	1.754	ug/l	#	78
20) Methylene Chloride	2.84	84	1892	0.303	ug/l	#	67
24) 1,1-Dichloroethane	3.69	63	20993	2.037	ug/l		97
27) cis-1,2-Dichloroethene	4.59	96	27074	4.011	ug/l		88
30) Chloroform	5.20	83	13641	1.305	ug/l		96
32) 1,1,1-Trichloroethane	5.49	97	6432	0.736	ug/l	#	35
36) 1,1-Dichloropropene	5.65	75	40121	5.091	ug/l	#	51
38) Carbon Tetrachloride	5.77	117	11254	1.549	ug/l		85
39) Methylcyclohexane	7.21	83	121230	12.444	ug/l	#	1
44) Trichloroethene	7.21	130	10491709	1592.598	ug/l		100
47) Bromodichloromethane	7.90	83	1603	0.208	ug/l	#	52
49) 1,4-Dioxane	7.75	88	3781	23.884	ug/l		93
55) 1,1,2-Trichloroethane	9.21	97	8153	1.357	ug/l	#	85
64) Tetrachloroethene	9.33	164	18849	3.226	ug/l		97
76) 1,2,3-Trichloropropane	11.13	75	168132	22.142	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.13	75	168132	60.578	ug/l	#	11

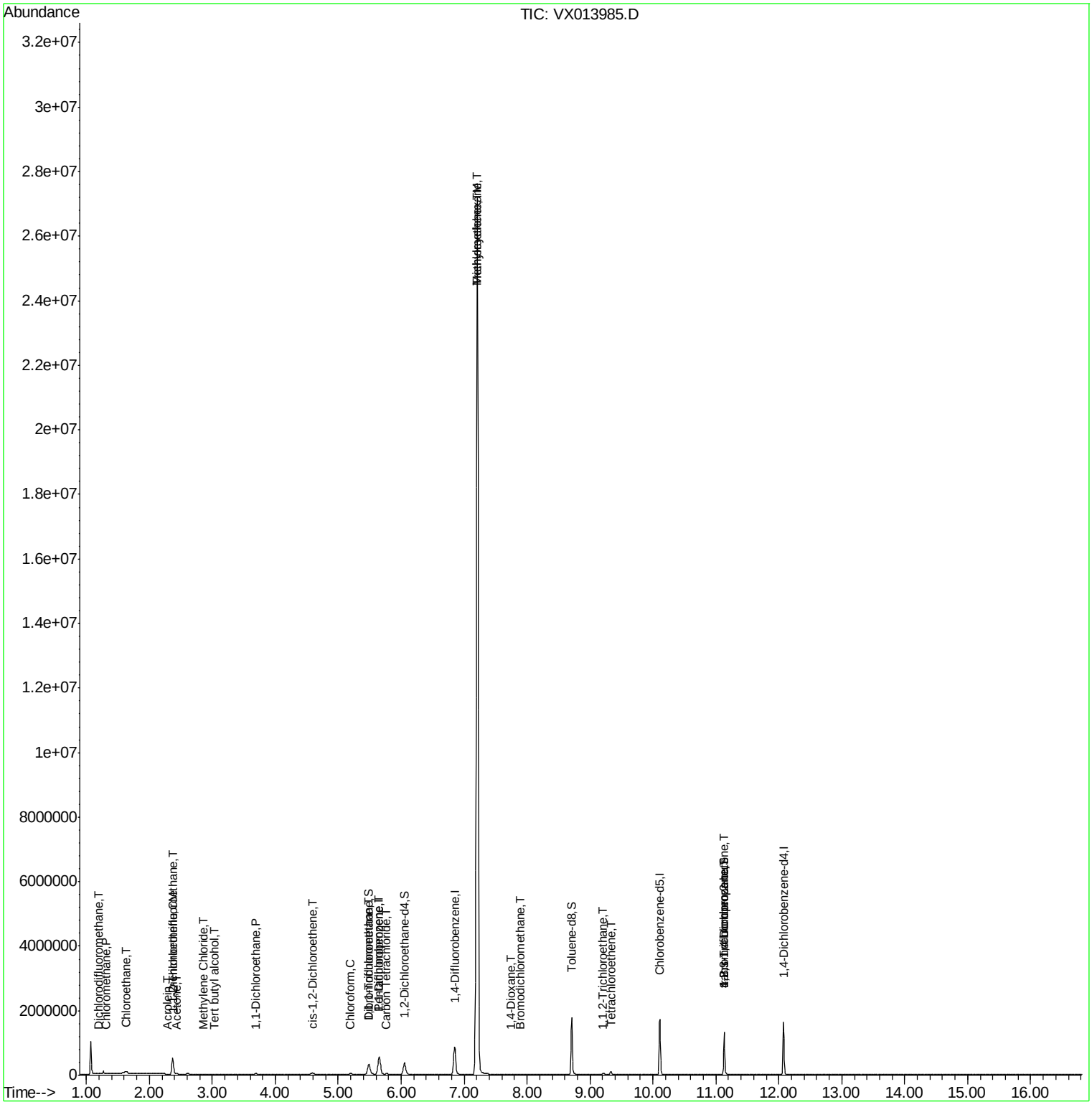
(#) = qualifier out of range (m) = manual integration (+) = signals summed

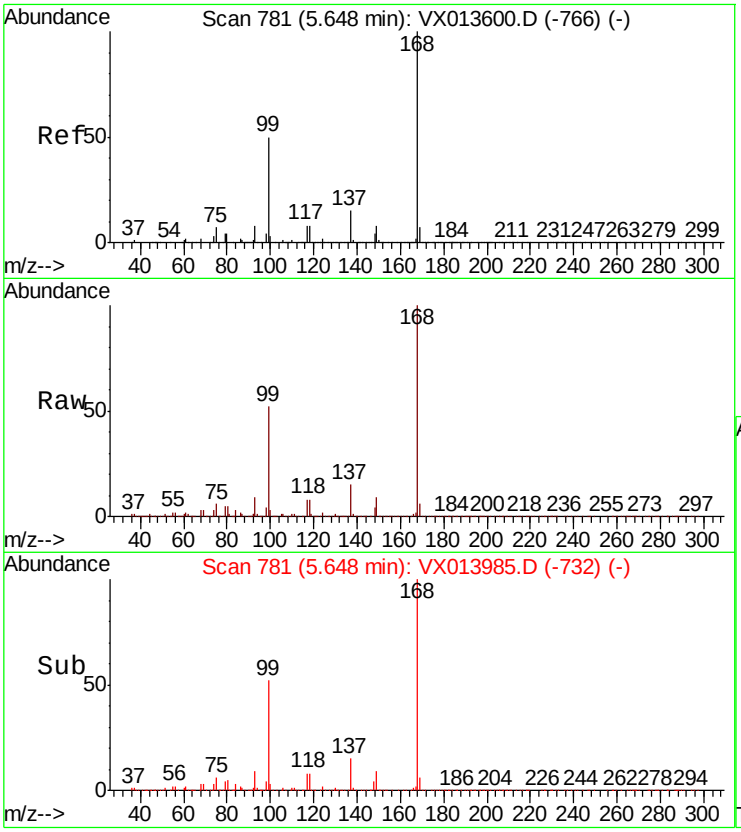
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121219\
Data File : VX013985.D
Acq On : 12 Dec 2019 19:05
Operator : JC/SP
Sample : K6252-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20191209

Quant Time: Dec 13 00:54:52 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



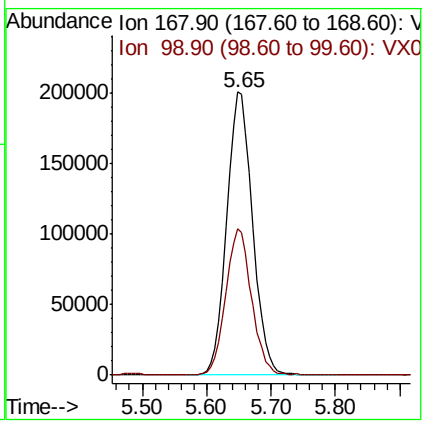


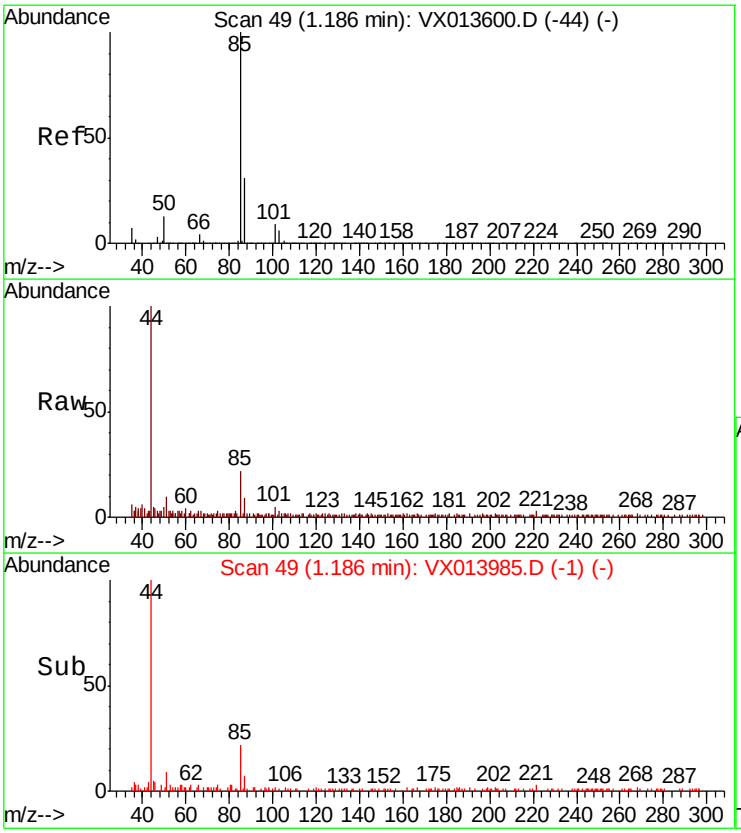
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20191209

Tgt Ion:168 Resp: 566953

Ion	Ratio	Lower	Upper
168	100		
99	51.7	39.8	59.8

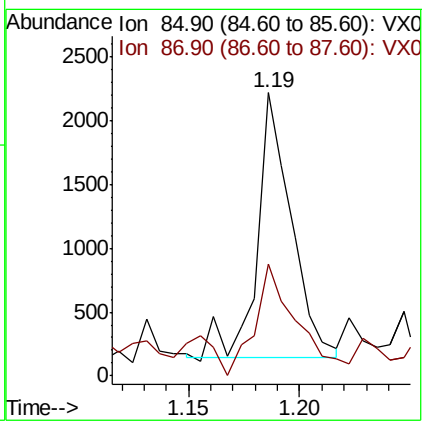


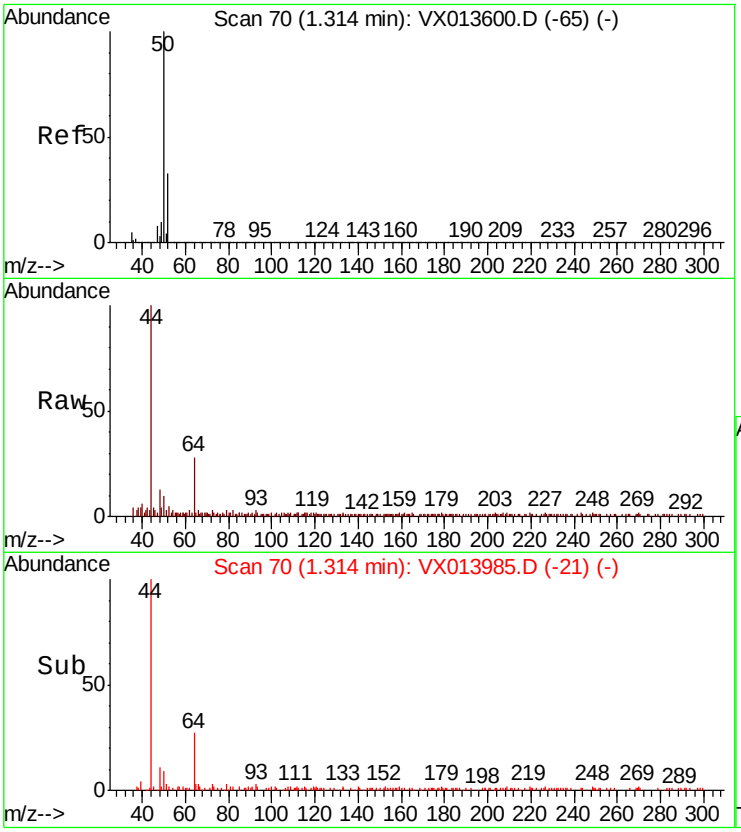


#2
Dichlorodifluoromethane
Concen: 0.351 ug/l
RT: 1.19 min Scan# 49
Delta R.T. -0.00 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Tgt Ion: 85 Resp: 2216

Ion	Ratio	Lower	Upper
85	100		
87	36.3	15.7	47.1



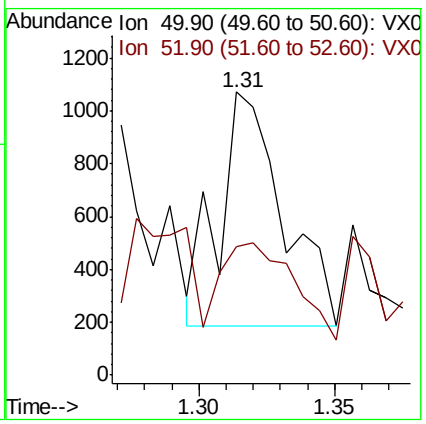


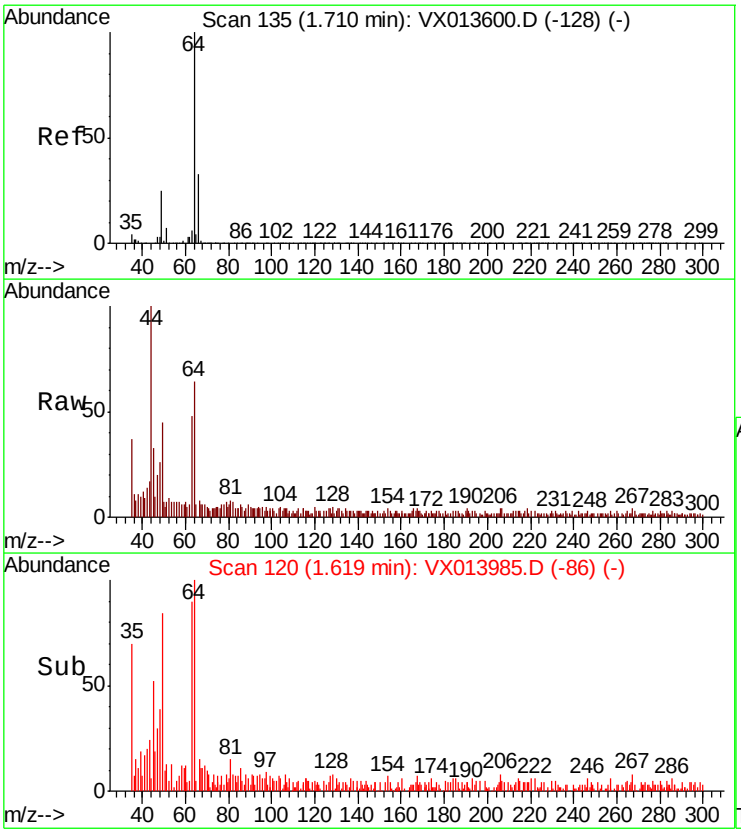
#3
Chloromethane
Concen: 0.204 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20191209

Tgt Ion: 50 Resp: 1447

Ion	Ratio	Lower	Upper
50	100		
52	16.3	26.0	39.0#

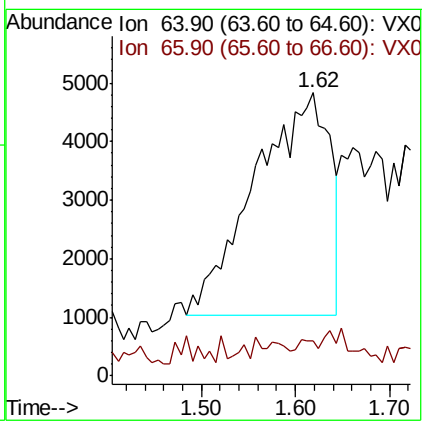


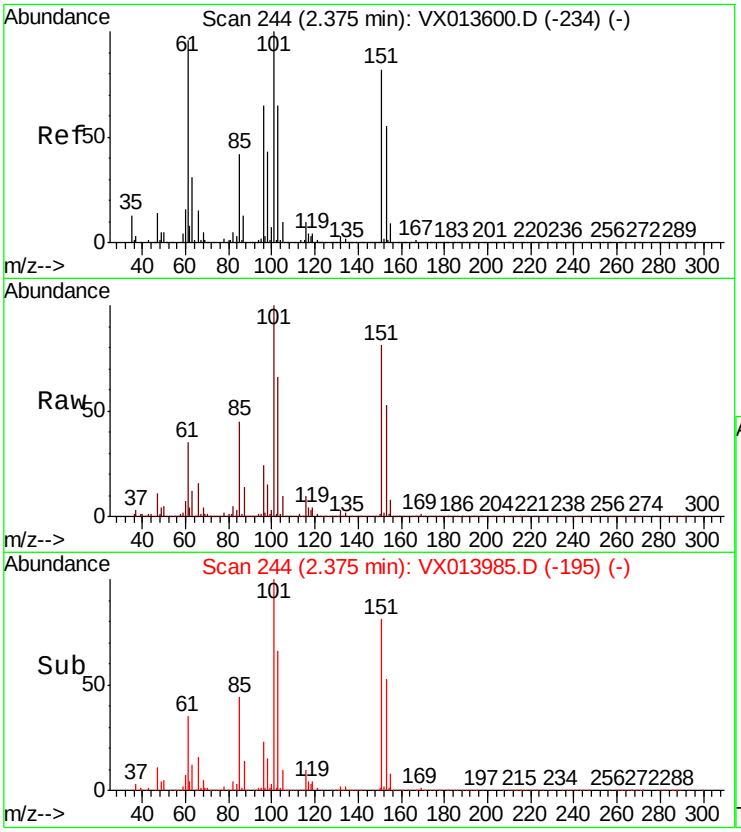


#6
Chloroethane
Concen: 4.619 ug/l
RT: 1.62 min Scan# 120
Delta R.T. -0.09 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Tgt Ion: 64 Resp: 20946

Ion	Ratio	Lower	Upper
64	100		
66	1.5	26.7	40.1#



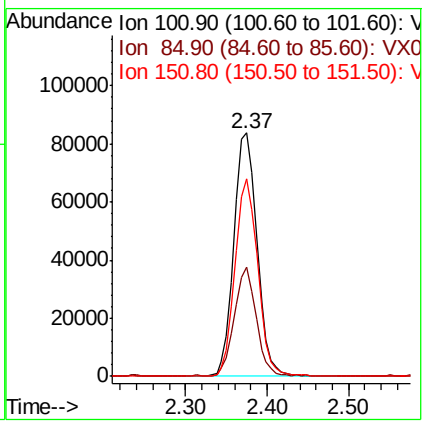


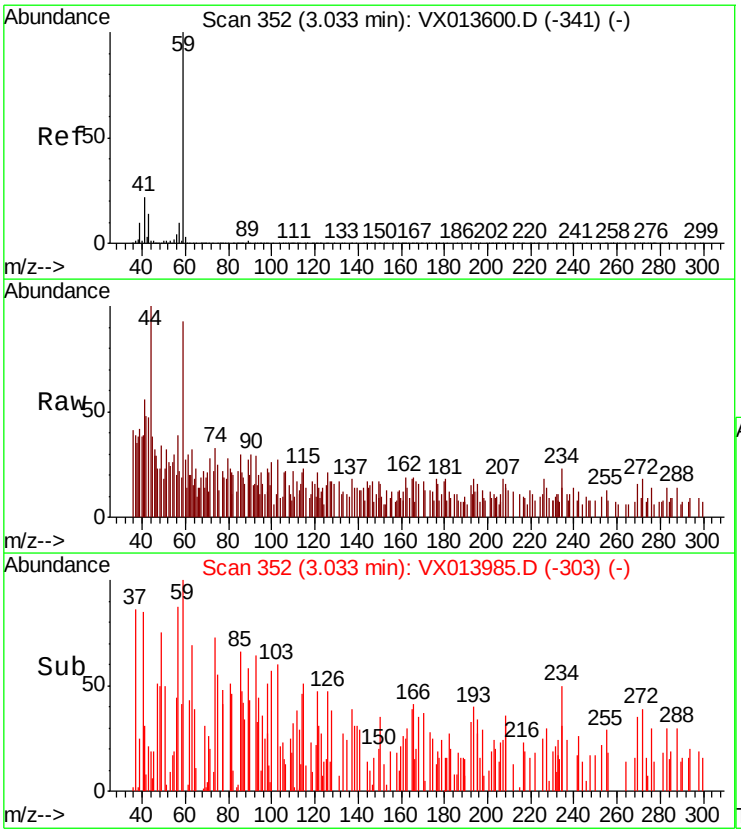
#9
1,1,2-Trichlorotrifluoroethane
Concen: 30.443 ug/l
RT: 2.37 min Scan# 244
Delta R.T. -0.00 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20191209

Tgt Ion:101 Resp: 164555

Ion	Ratio	Lower	Upper
101	100		
85	42.0	33.9	50.9
151	79.2	64.2	96.2

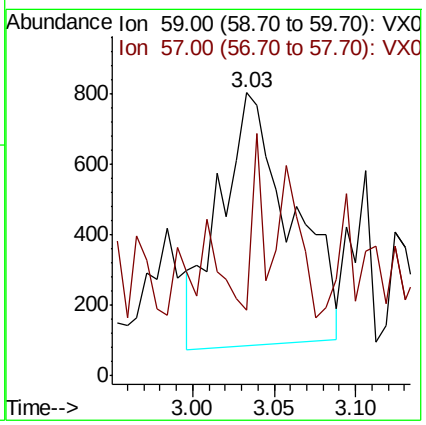


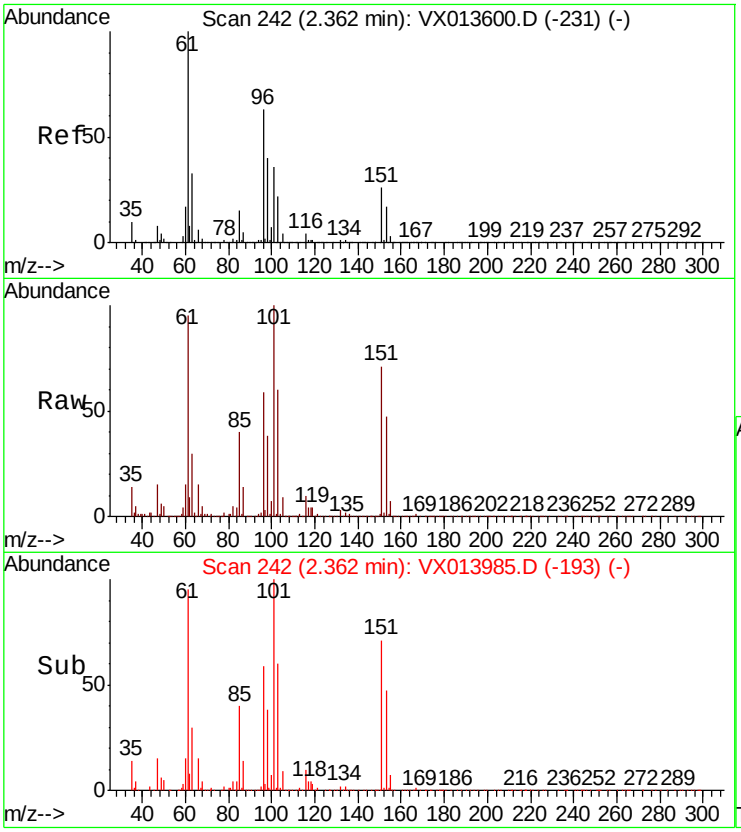


#11
Tert butyl alcohol
Concen: 1.340 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Tgt Ion: 59 Resp: 2176

Ion	Ratio	Lower	Upper
59	100		
57	9.8	7.8	11.6



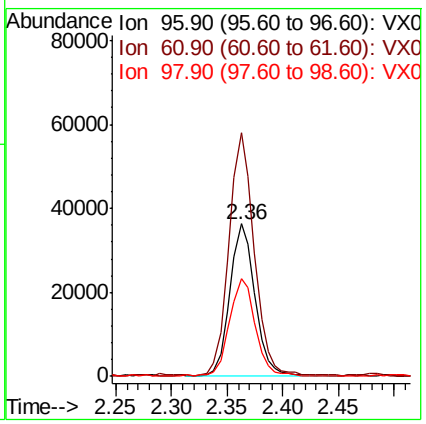


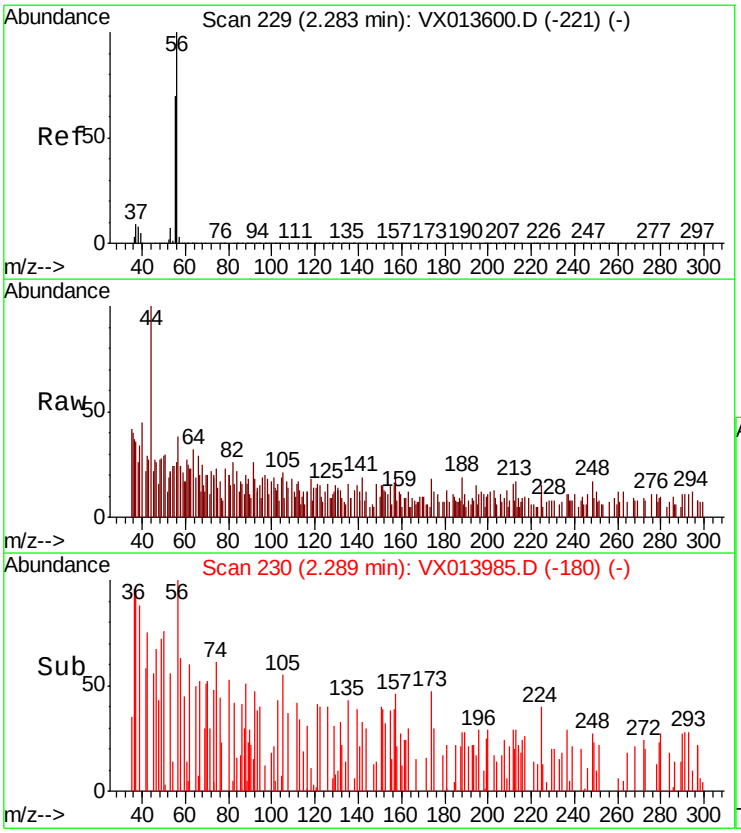
#12
1,1-Dichloroethene
Concen: 10.637 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20191209

Tgt Ion: 96 Resp: 57390

Ion	Ratio	Lower	Upper
96	100		
61	158.6	126.6	190.0
98	63.3	50.6	76.0

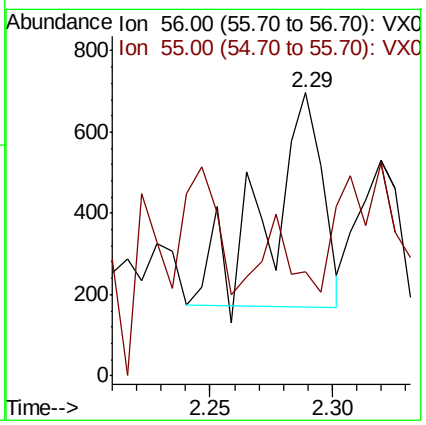


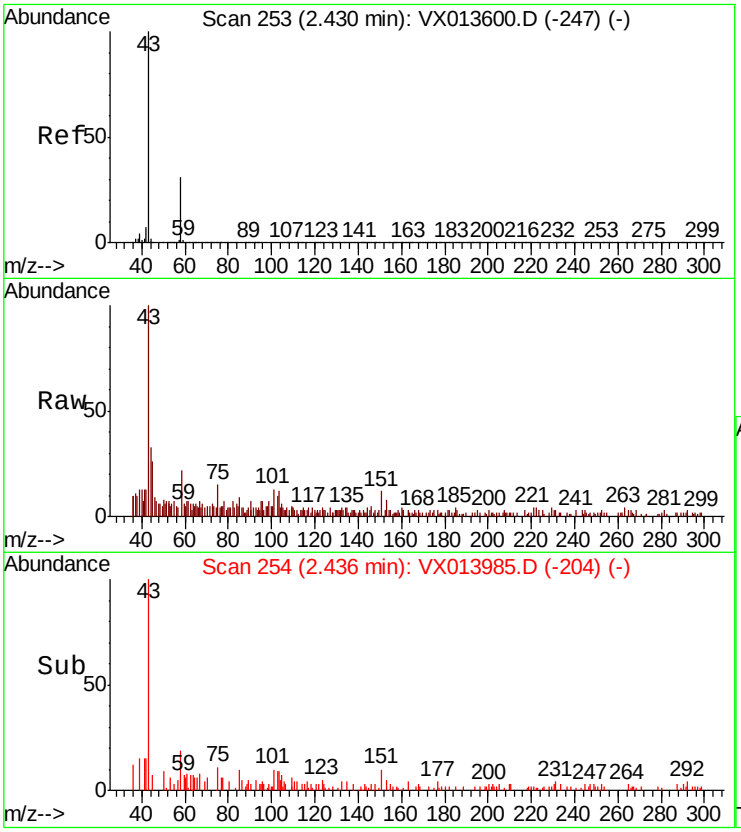


#13
Acrolein
Concen: 6.742 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Tgt Ion: 56 Resp: 822

Ion	Ratio	Lower	Upper
56	100		
55	16.4	56.2	84.4#



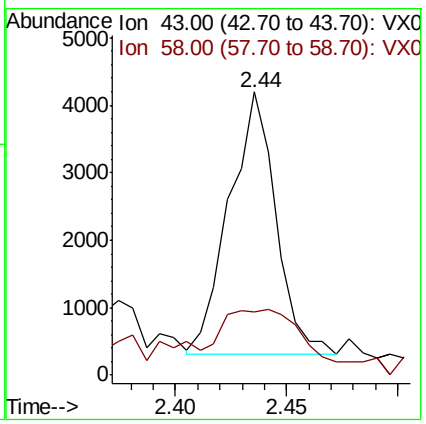


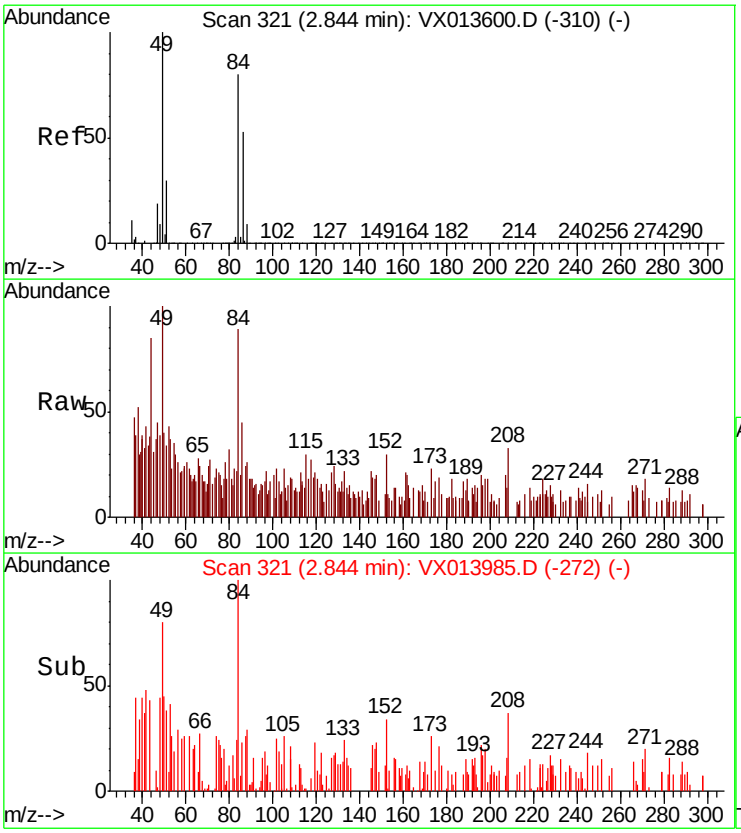
#16
Acetone
Concen: 1.754 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Instrument : MSVOA_X
ClientSampleId : RE132D6-20191209

Tgt Ion: 43 Resp: 5698

Ion	Ratio	Lower	Upper
43	100		
58	18.8	24.6	36.8#

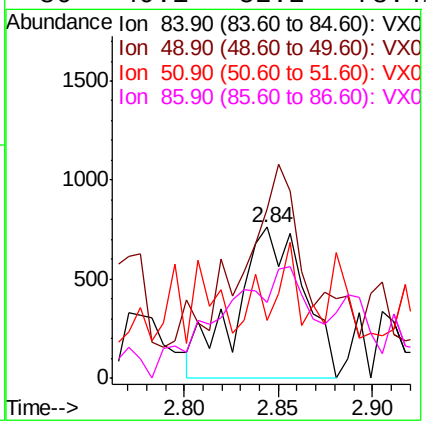


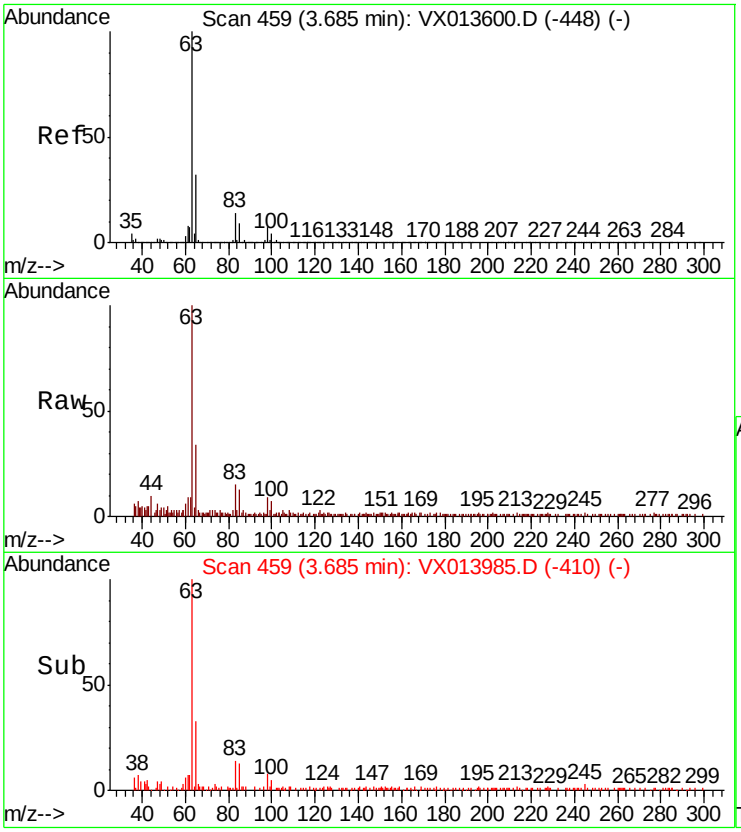


#20
Methylene Chloride
Concen: 0.303 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Tgt Ion: 84 Resp: 1892

Ion	Ratio	Lower	Upper
84	100		
49	88.8	99.7	149.5#
51	0.0	29.9	44.9#
86	49.1	52.2	78.4#



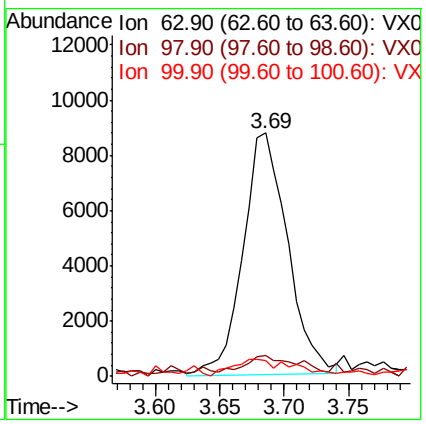


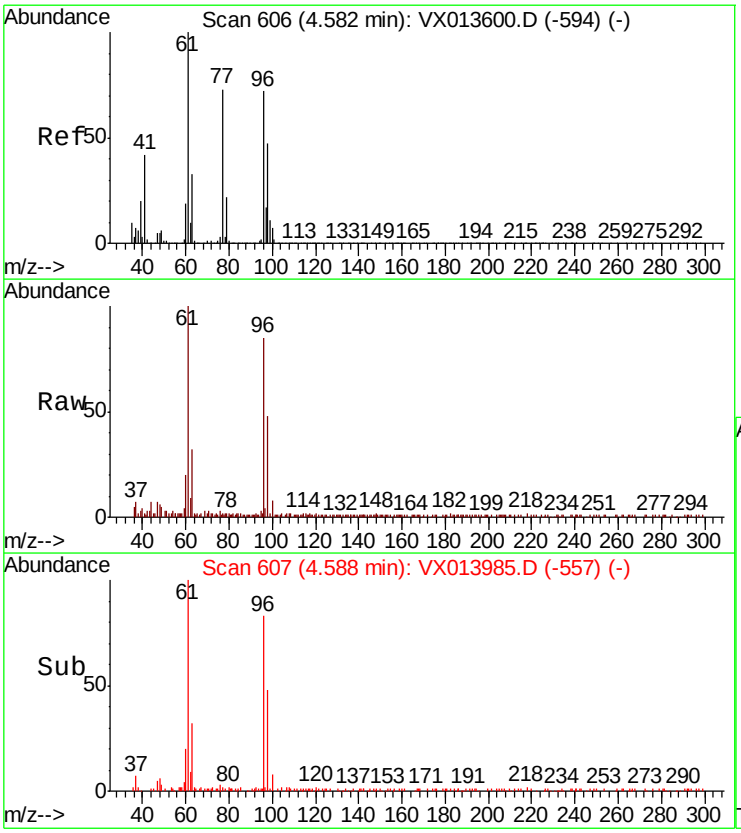
#24
1,1-Dichloroethane
Concen: 2.037 ug/l
RT: 3.69 min Scan# 459
Delta R.T. -0.00 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20191209

Tgt Ion: 63 Resp: 20993

Ion	Ratio	Lower	Upper
63	100		
98	7.8	3.5	10.4
100	5.5	2.1	6.3

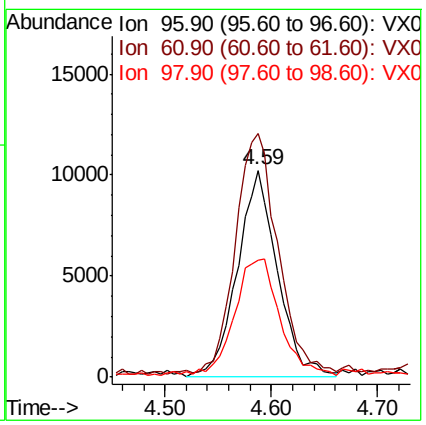


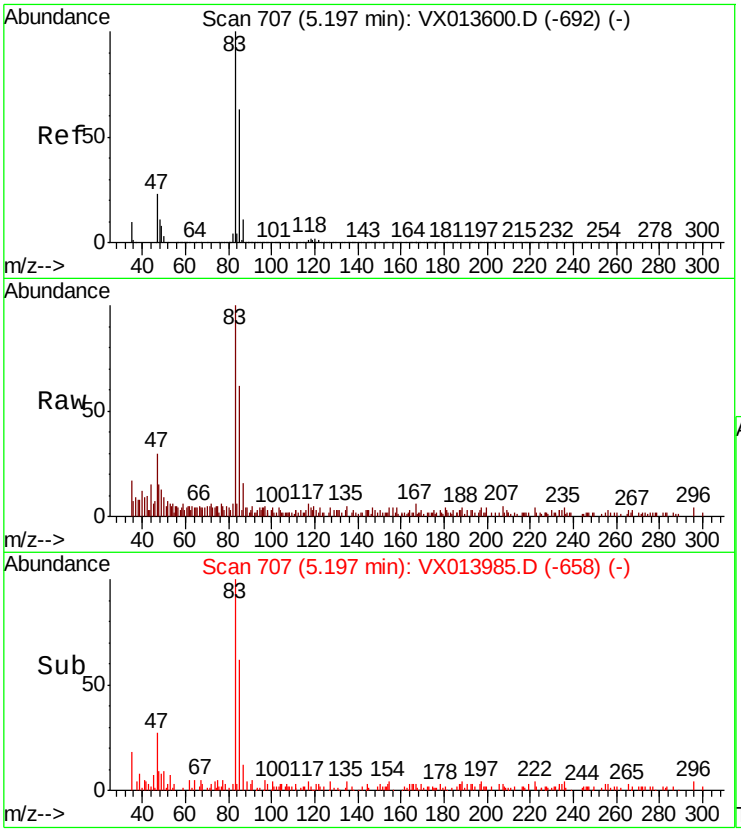


#27
cis-1,2-Dichloroethene
Concen: 4.011 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Tgt Ion: 96 Resp: 27074

Ion	Ratio	Lower	Upper
96	100		
61	123.3	0.0	286.4
98	62.2	0.0	127.4



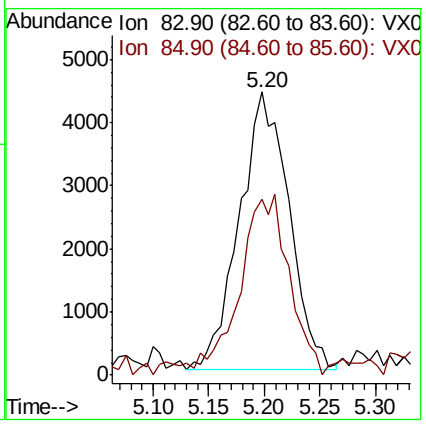


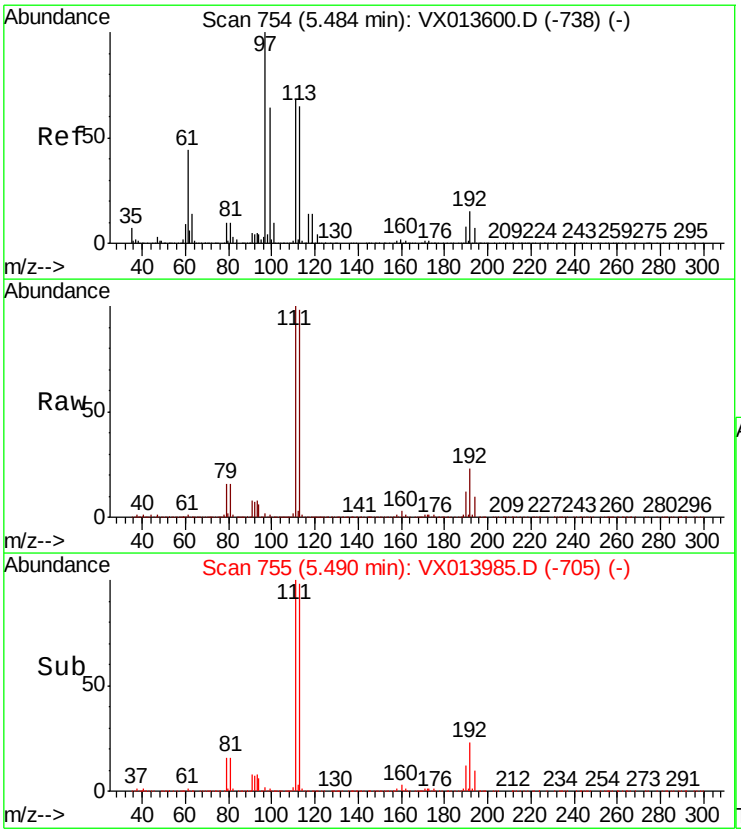
#30
Chloroform
Concen: 1.305 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20191209

Tgt Ion: 83 Resp: 13641

Ion	Ratio	Lower	Upper
83	100		
85	59.4	50.2	75.4

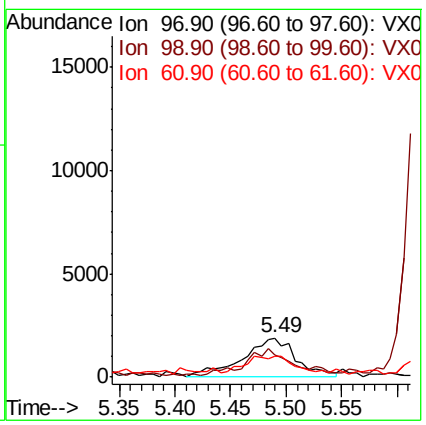


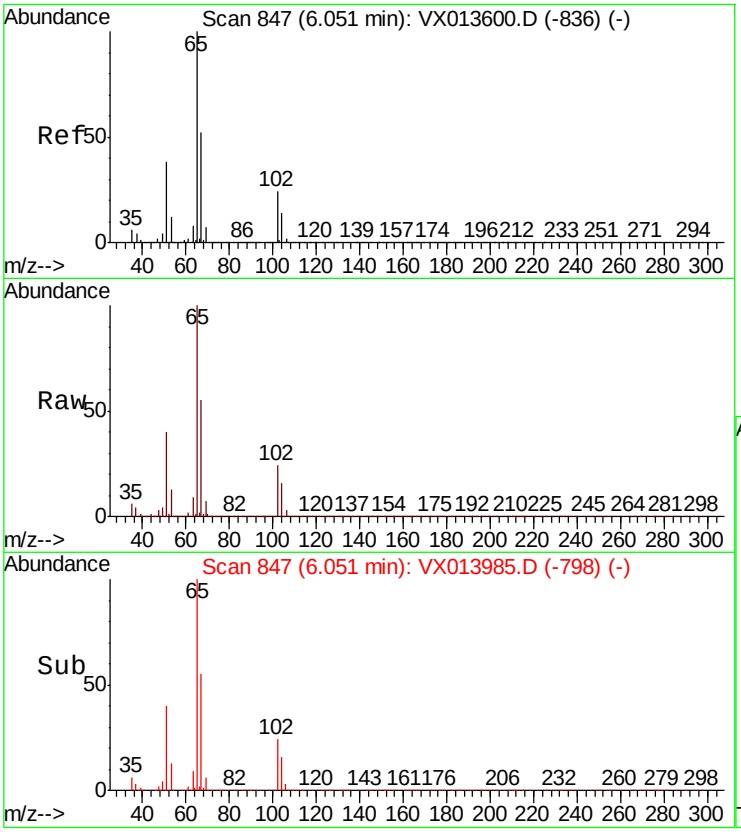


#32
1,1,1-Trichloroethane
Concen: 0.736 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Tgt Ion: 97 Resp: 6432

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.6	77.4#
61	18.3	36.1	54.1#



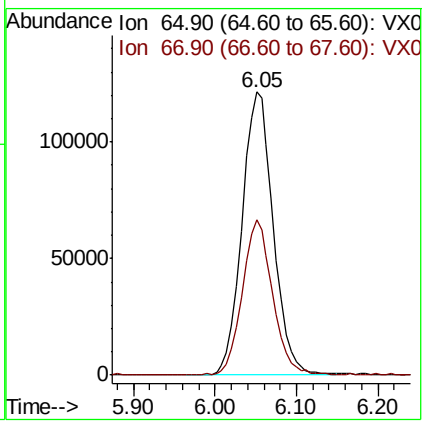


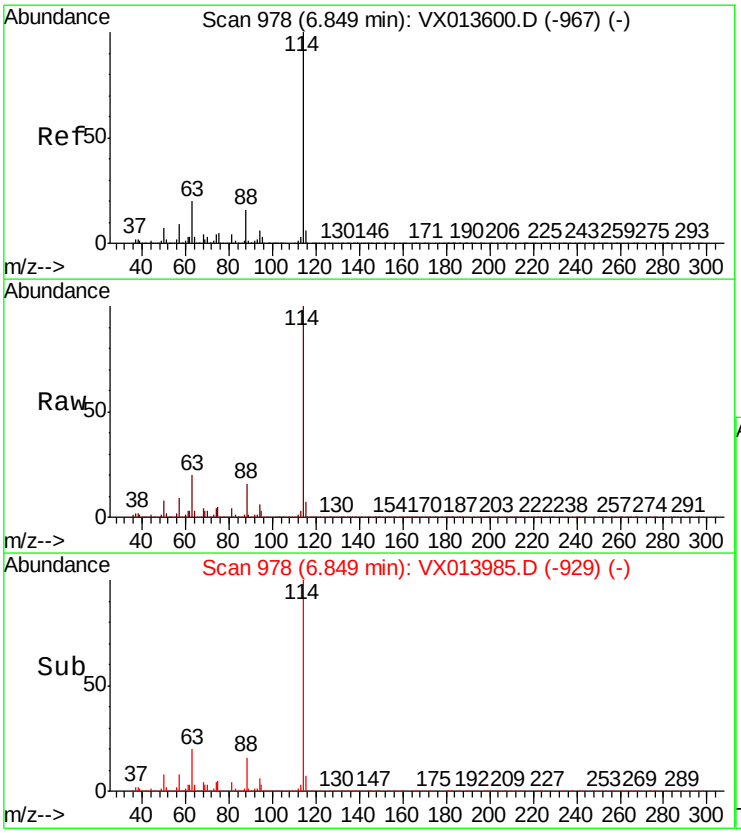
#33
1,2-Dichloroethane-d4
Concen: 48.873 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20191209

Tgt Ion: 65 Resp: 321634

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	104.4

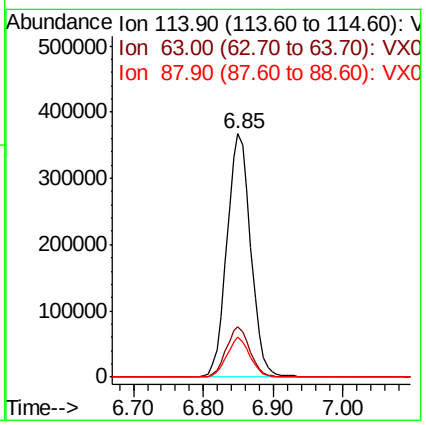


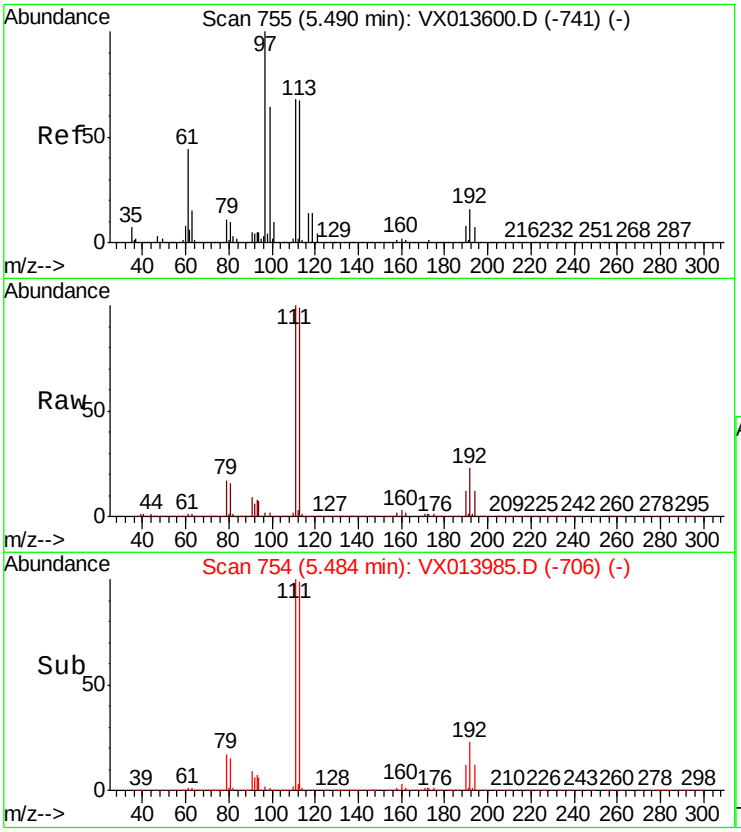


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Tgt Ion:114 Resp: 868227

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.6
88	16.3	0.0	31.4



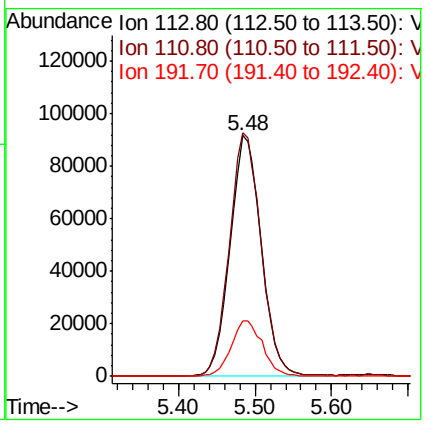


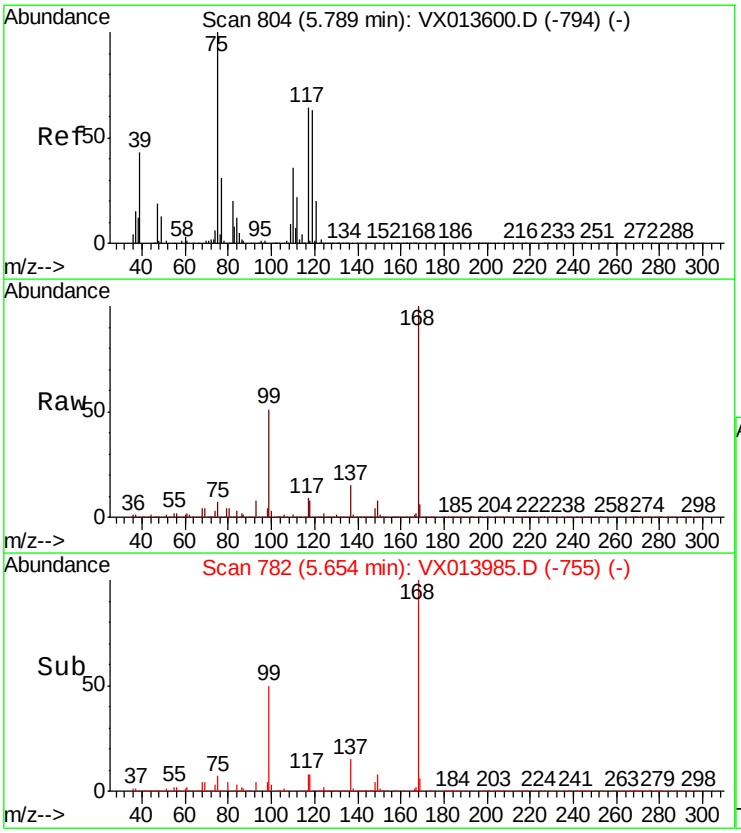
#35
Dibromofluoromethane
Concen: 48.216 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20191209

Tgt Ion:113 Resp: 258798

Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.6	125.4
192	23.4	19.2	28.8

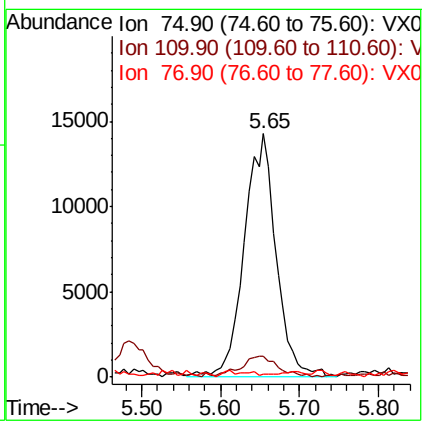


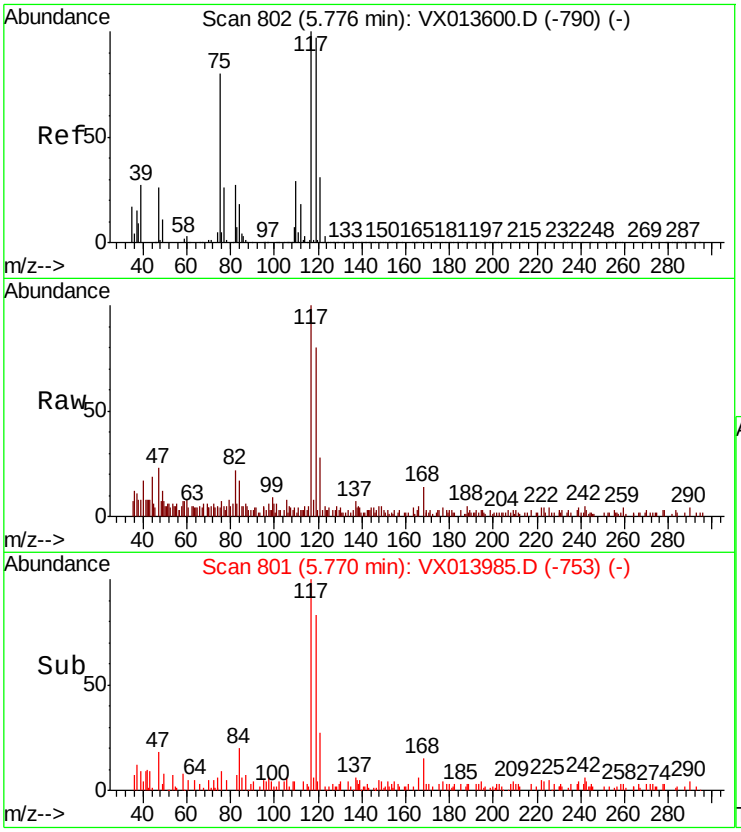


#36
1,1-Dichloropropene
Concen: 5.091 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Tgt Ion: 75 Resp: 40121

Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.1	54.1#
77	0.5	24.5	36.7#



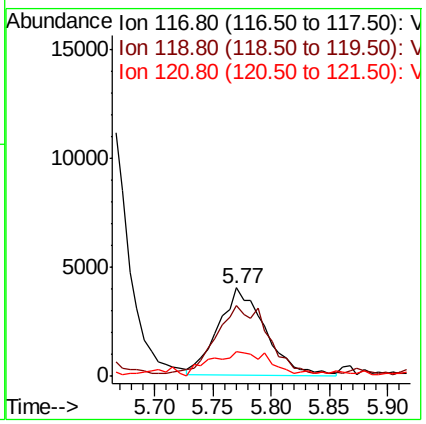


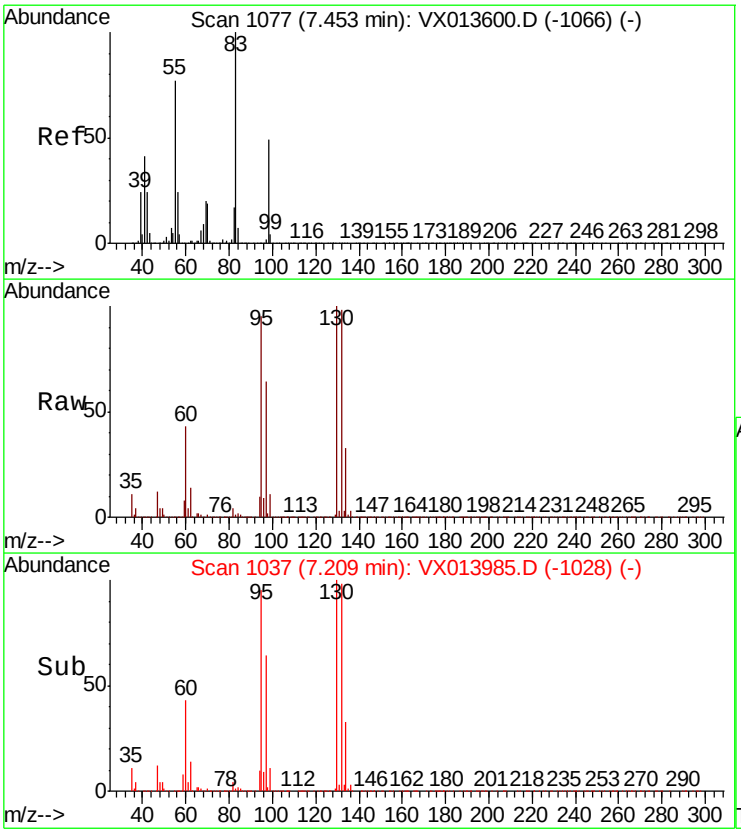
#38
Carbon Tetrachloride
Concen: 1.549 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20191209

Tgt Ion:117 Resp: 11254

Ion	Ratio	Lower	Upper
117	100		
119	79.0	77.5	116.3
121	29.5	25.0	37.6

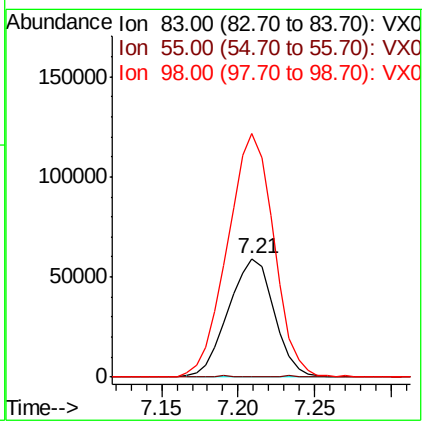


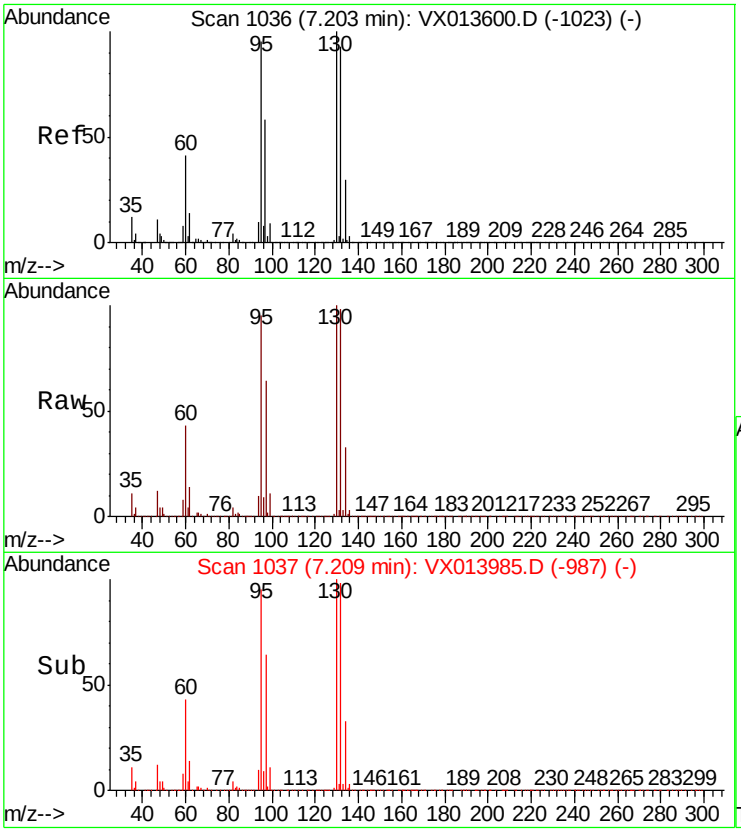


#39
Methylcyclohexane
Concen: 12.444 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.24 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Tgt Ion: 83 Resp: 121230

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	206.4	39.4	59.0#



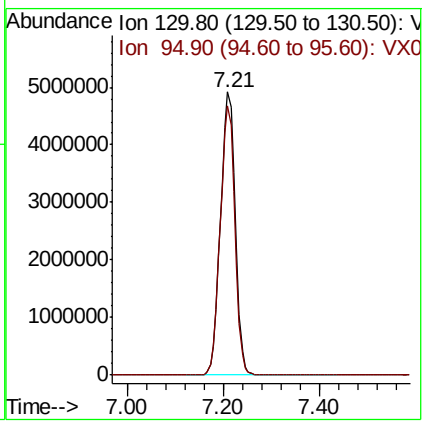


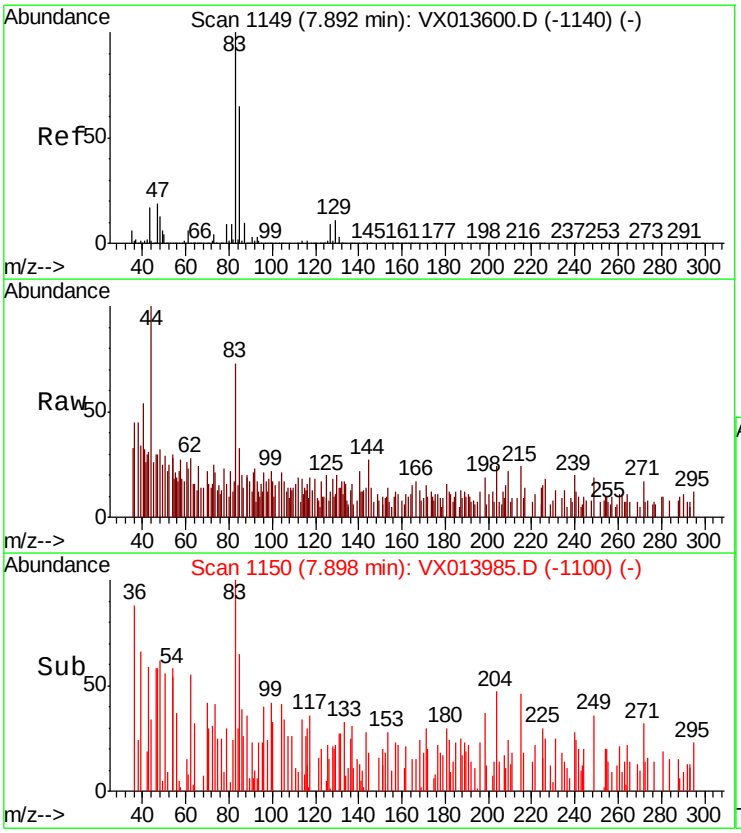
#44
Trichloroethene
Concen: 1592.598 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20191209

Tgt Ion:130 Resp:10491709

Ion	Ratio	Lower	Upper
130	100		
95	95.1	0.0	190.8

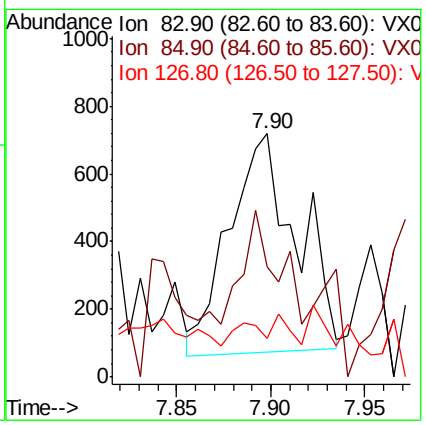


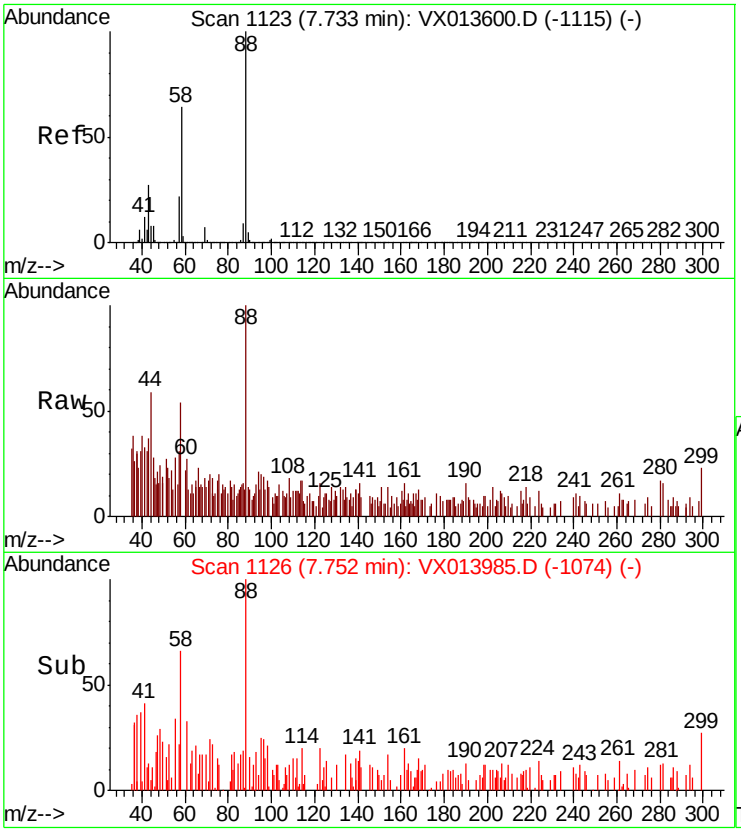


#47
Bromodichloromethane
Concen: 0.208 ug/l
RT: 7.90 min Scan# 1150
Delta R.T. 0.01 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Tgt Ion: 83 Resp: 1603

Ion	Ratio	Lower	Upper
83	100		
85	24.8	52.1	78.1#
127	0.0	7.0	10.4#



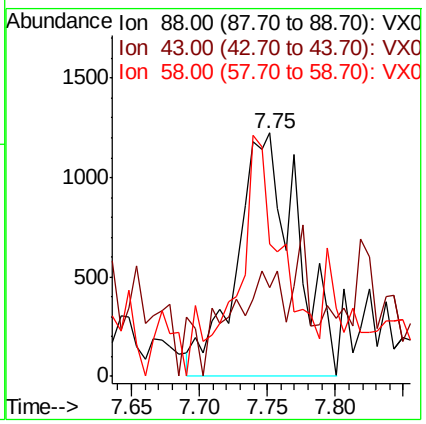


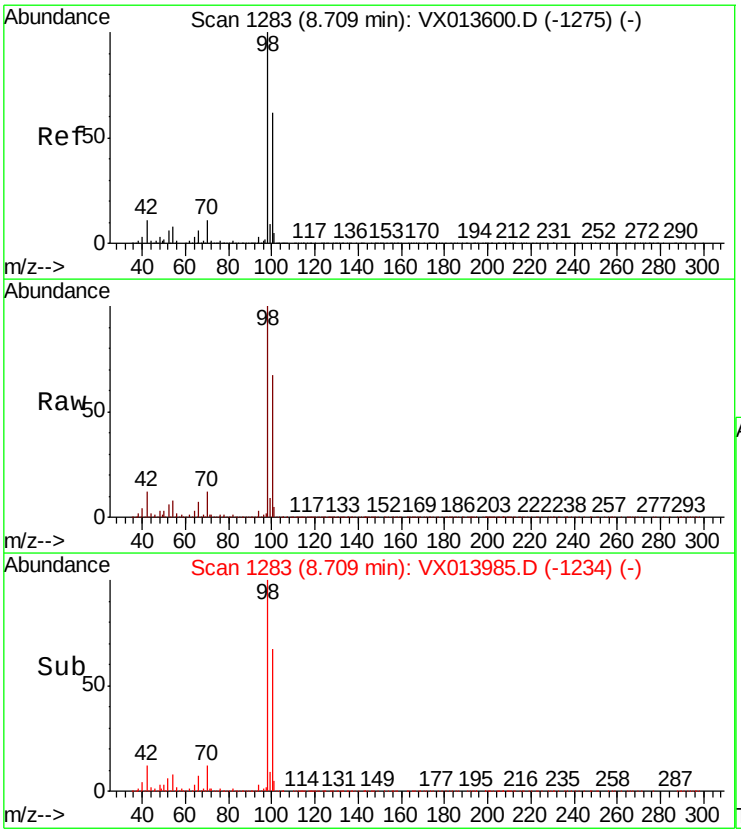
#49
1,4-Dioxane
Concen: 23.884 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. 0.02 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20191209

Tgt Ion: 88 Resp: 3781

Ion	Ratio	Lower	Upper
88	100		
43	36.4	25.8	38.6
58	73.5	54.6	82.0

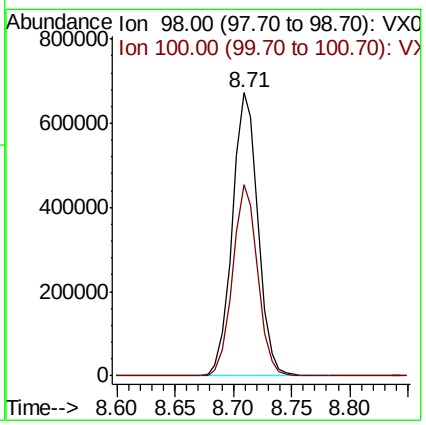


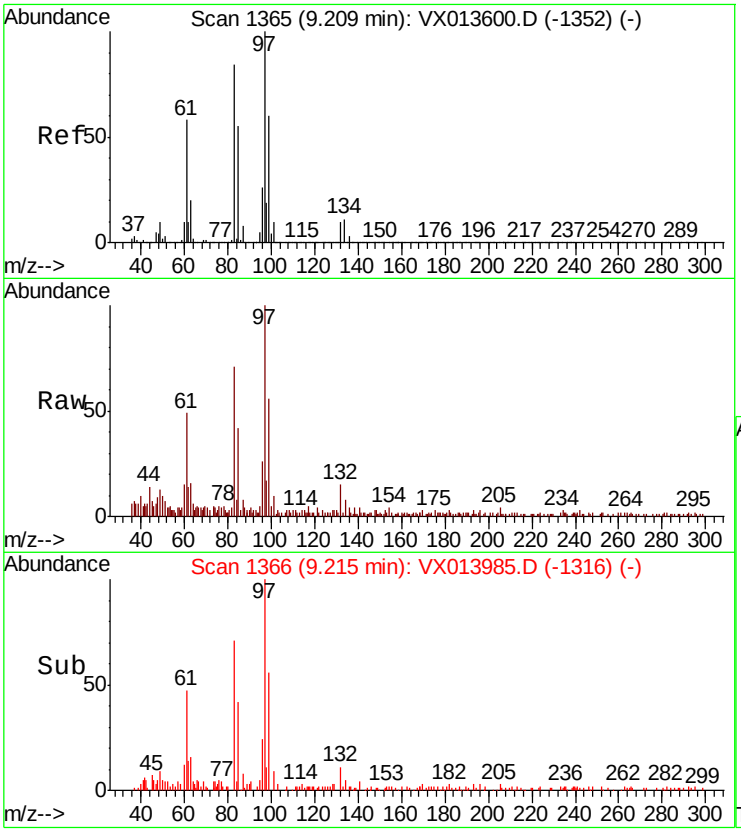


#50
Toluene-d8
Concen: 49.177 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Tgt Ion: 98 Resp: 1028412

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.1	79.7



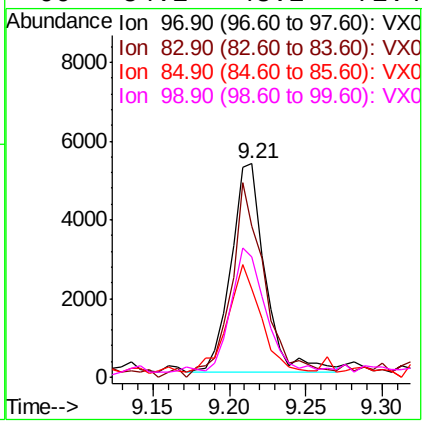


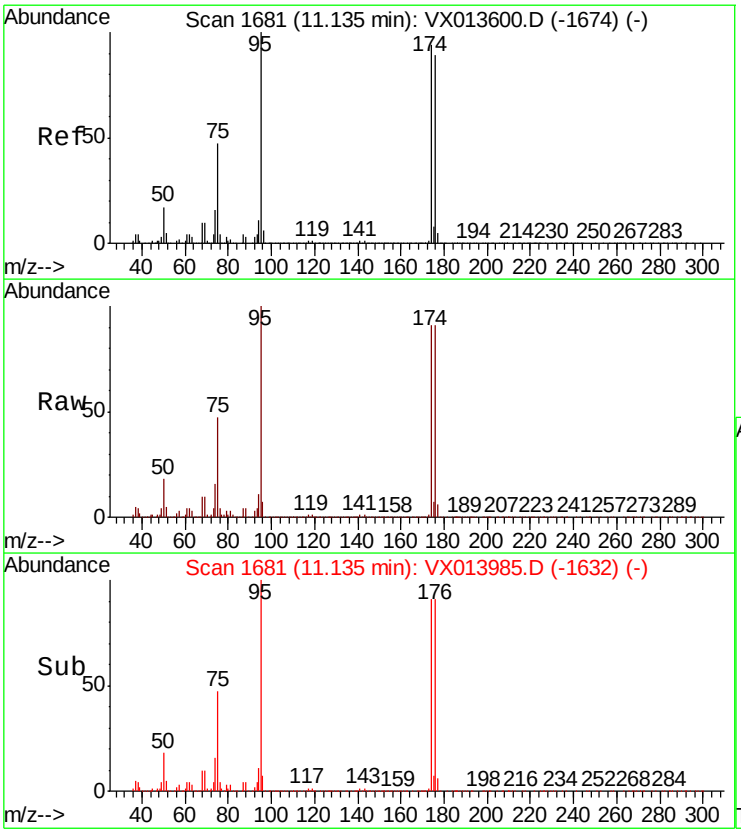
#55
1,1,2-Trichloroethane
Concen: 1.357 ug/l
RT: 9.21 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20191209

Tgt Ion: 97 Resp: 8153

Ion	Ratio	Lower	Upper
97	100		
83	69.5	67.3	100.9
85	40.1	43.6	65.4#
99	54.2	48.2	72.4

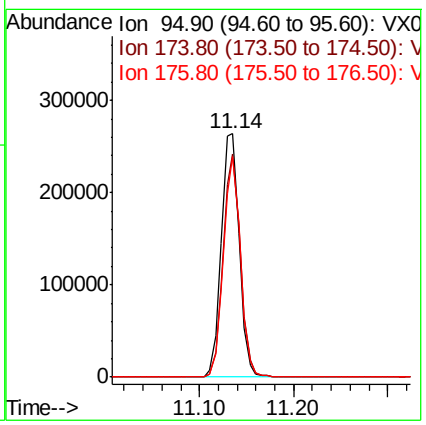


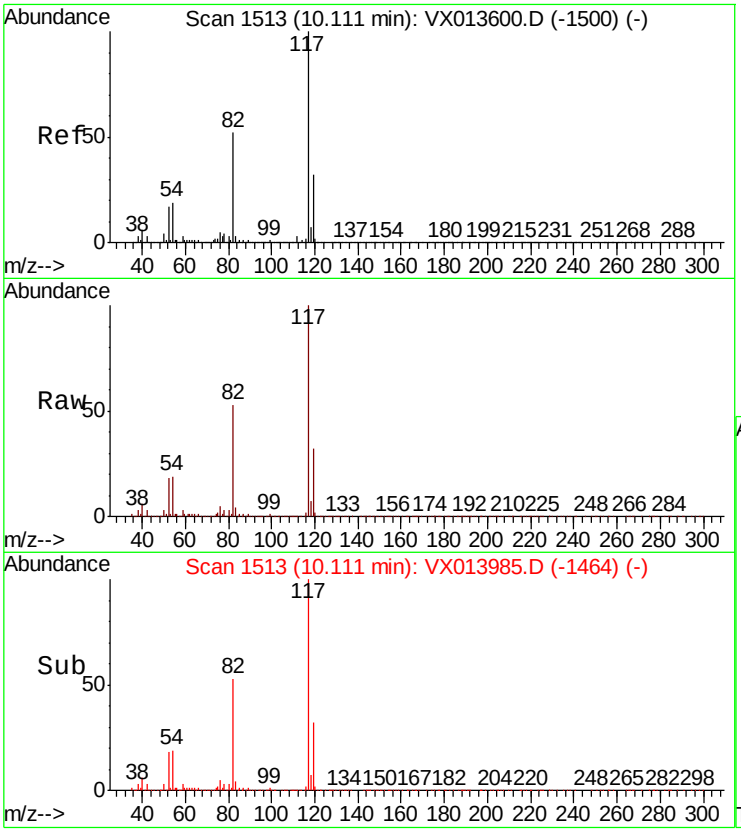


#62
4-Bromofluorobenzene
Concen: 46.280 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Tgt Ion: 95 Resp: 348996

Ion	Ratio	Lower	Upper
95	100		
174	87.7	0.0	180.0
176	85.9	0.0	173.6



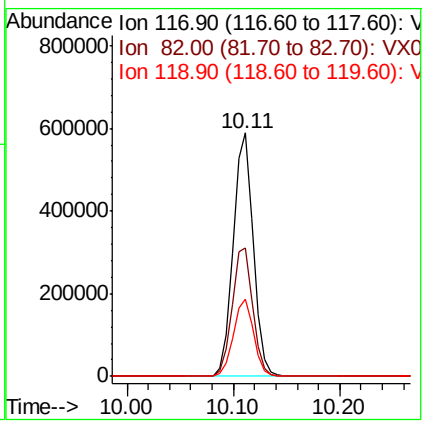


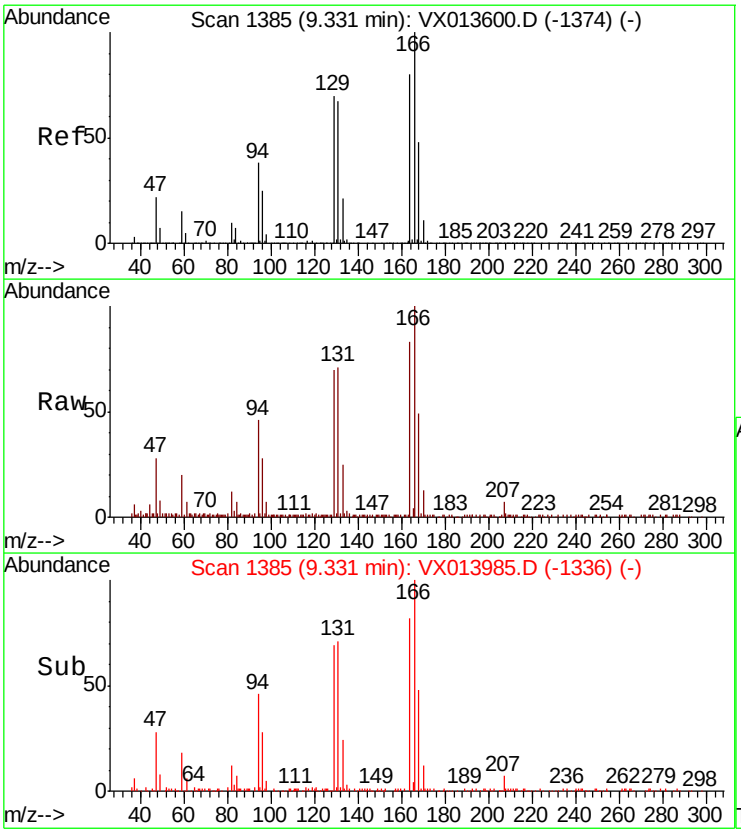
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Instrument : MSVOA_X
ClientSampleId : RE132D6-20191209

Tgt Ion:117 Resp: 783541

Ion	Ratio	Lower	Upper
117	100		
82	52.8	41.8	62.8
119	31.9	25.8	38.8

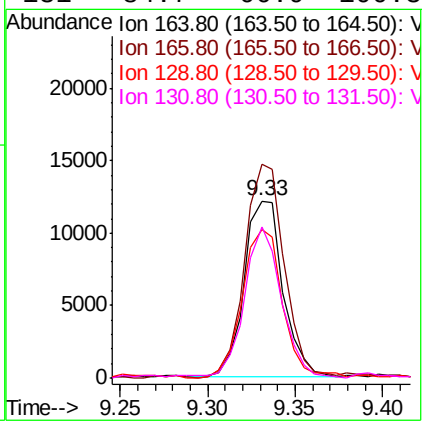


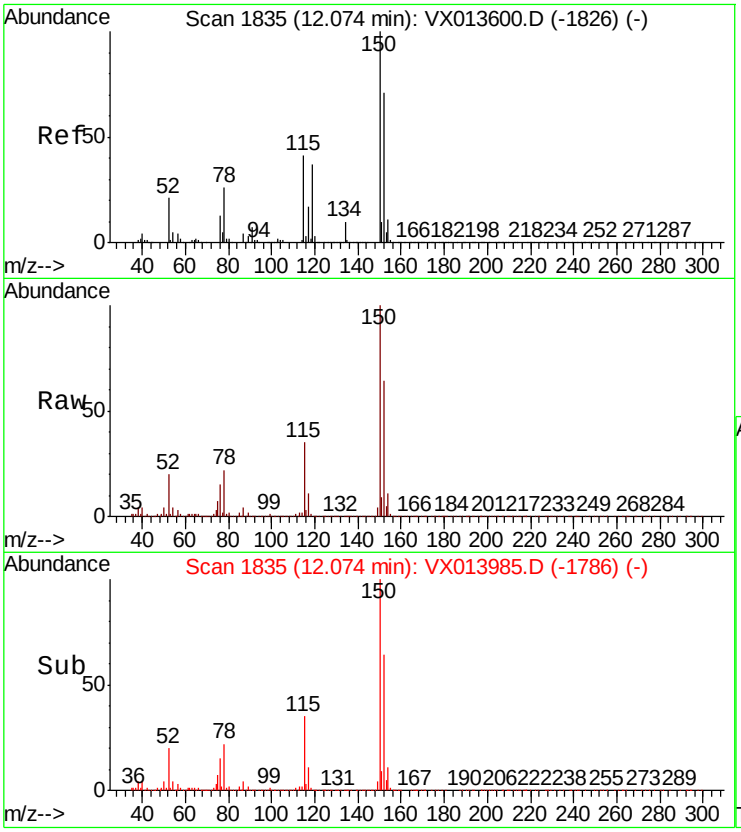


#64
Tetrachloroethene
Concen: 3.226 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Tgt Ion:164 Resp: 18849

Ion	Ratio	Lower	Upper
164	100		
166	120.7	99.7	149.5
129	84.3	70.1	105.1
131	84.7	66.9	100.3



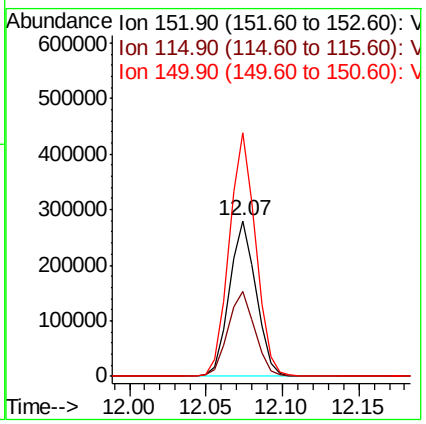


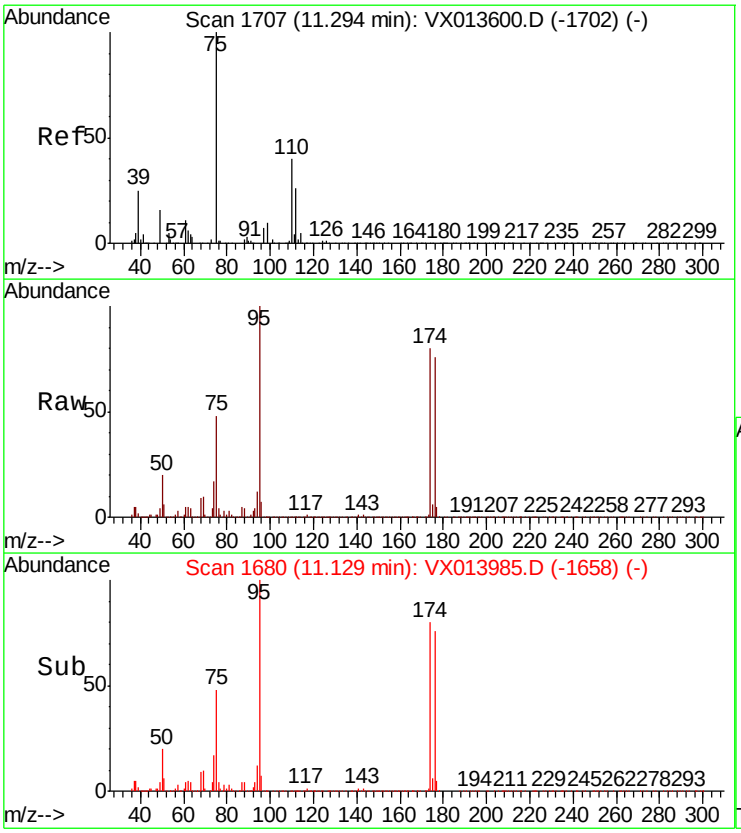
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20191209

Tgt Ion:152 Resp: 337600

Ion	Ratio	Lower	Upper
152	100		
115	54.9	38.4	115.1
150	155.9	0.0	346.8

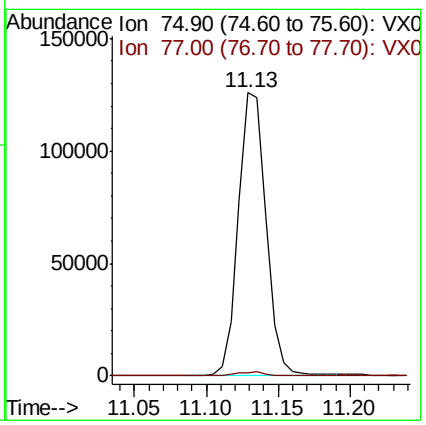


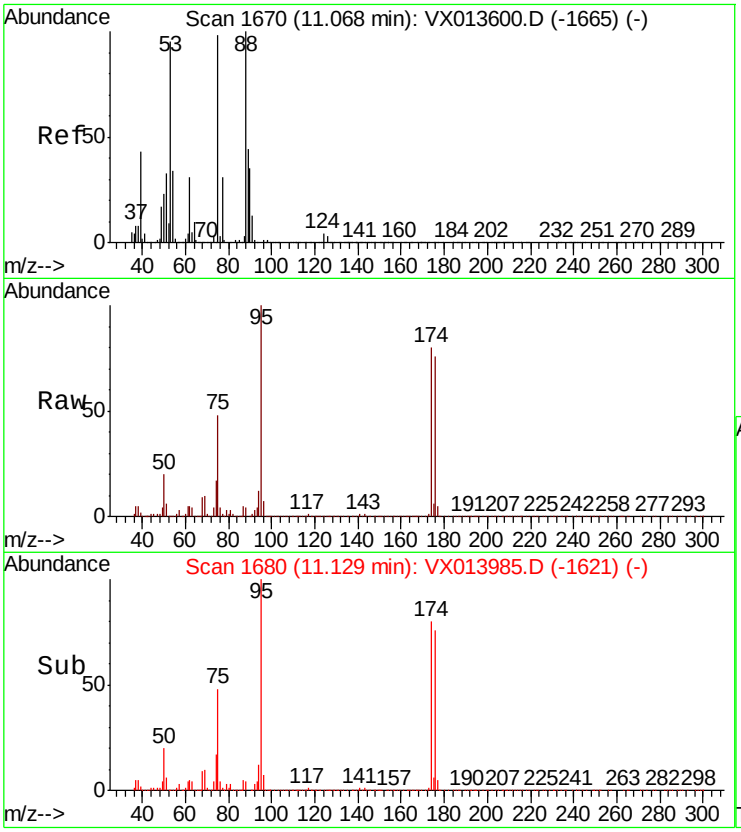


#76
1,2,3-Trichloropropane
Concen: 22.142 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Tgt Ion: 75 Resp: 168132

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 60.578 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX013985.D
Acq: 12 Dec 2019 19:05

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20191209

Tgt Ion: 75 Resp: 168132

Ion	Ratio	Lower	Upper
75	100		
53	0.1	78.2	117.2#
89	0.0	35.4	53.2#