Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121019\

Quantitation Report (Not Reviewed)

Data File : VX013912.D
Acq On : 10 Dec 2019 20:40
Operator : JC/SP
Sample : K6185-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE132D7-20191205

Quant Time: Dec 11 02:31:03 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	544981	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	847283	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	743453	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	308738	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	311561	49.25	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.50%				
35) Dibromofluoromethane	5.49	113	256959	49.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.12%				
50) Toluene-d8	8.71	98	996992	48.85	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.70%				
62) 4-Bromofluorobenzene	11.14	95	320051	43.49	ug/l		0.00
Spiked Amount 50.000			Recovery = 86.98%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	1615	0.237	ug/l		95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	43074	8.290	ug/l		98
11) Tert butyl alcohol	3.00	59	4164	2.667	ug/l		97
12) 1,1-Dichloroethene	2.37	96	17610	3.395	ug/l		95
13) Acrolein	2.28	56	209	6.199	ug/l	#	1
16) Acetone	2.43	43	5467	1.750	ug/l	#	89
24) 1,1-Dichloroethane	3.69	63	9316	0.940	ug/l	#	92
27) cis-1,2-Dichloroethene	4.59	96	13130	2.024	ug/l		83
29) Tetrahydrofuran	5.11	42	615	0.215	ug/l	#	63
30) Chloroform	5.20	83	19410	1.932	ug/l		91
32) 1,1,1-Trichloroethane	5.49	97	2805	0.334	ug/l	#	37
36) 1,1-Dichloropropene	5.65	75	37007	4.812	ug/l	#	52
38) Carbon Tetrachloride	5.78	117	8783	1.238	ug/l		94
39) Methylcyclohexane	7.21	83	53287	5.605	ug/l	#	1
41) Methacrylonitrile	5.00	41	1576	0.333	ug/l	#	65
42) 1,2-Dichloroethane	6.19	62	1981	0.248	ug/l		80
44) Trichloroethene	7.21	130	4770503	742.043	ug/l		99
47) Bromodichloromethane	7.90	83	2075	0.276	ug/l	#	72
49) 1,4-Dioxane	7.74	88	822	5.321	ug/l	#	19
55) 1,1,2-Trichloroethane	9.21	97	3263	0.556	ug/l		92
64) Tetrachloroethene	9.33	164	7314	1.319	ug/l		97
76) 1,2,3-Trichloropropane	11.14	75	158038	22.759	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.14	75	158038	62.264	ug/l	#	11

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

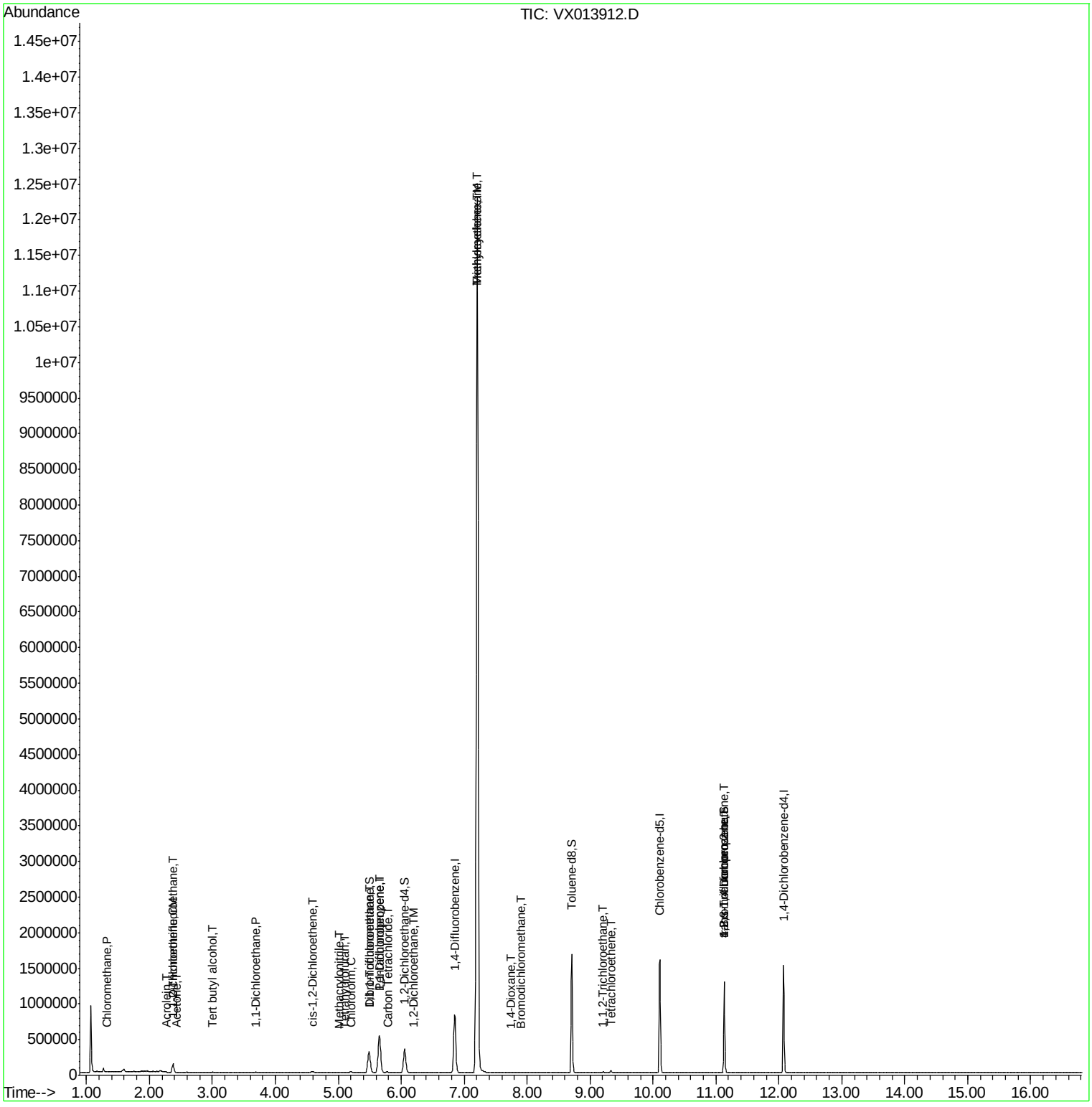
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121019\

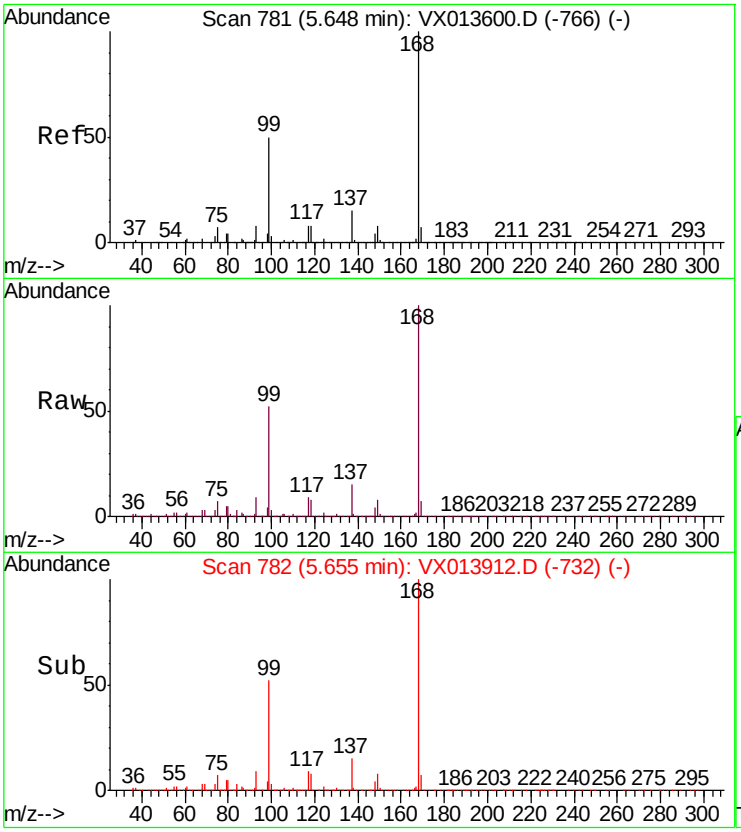
Quantitation Report (Not Reviewed)

Data File : VX013912.D
Acq On : 10 Dec 2019 20:40
Operator : JC/SP
Sample : K6185-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20191205

Quant Time: Dec 11 02:31:03 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



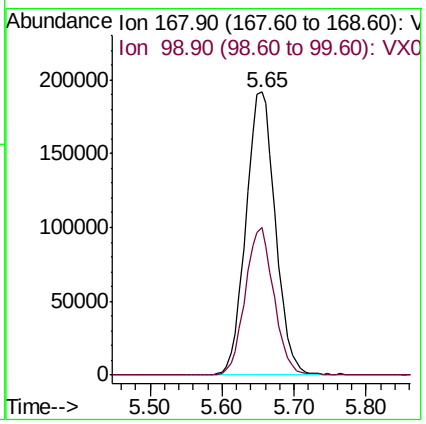


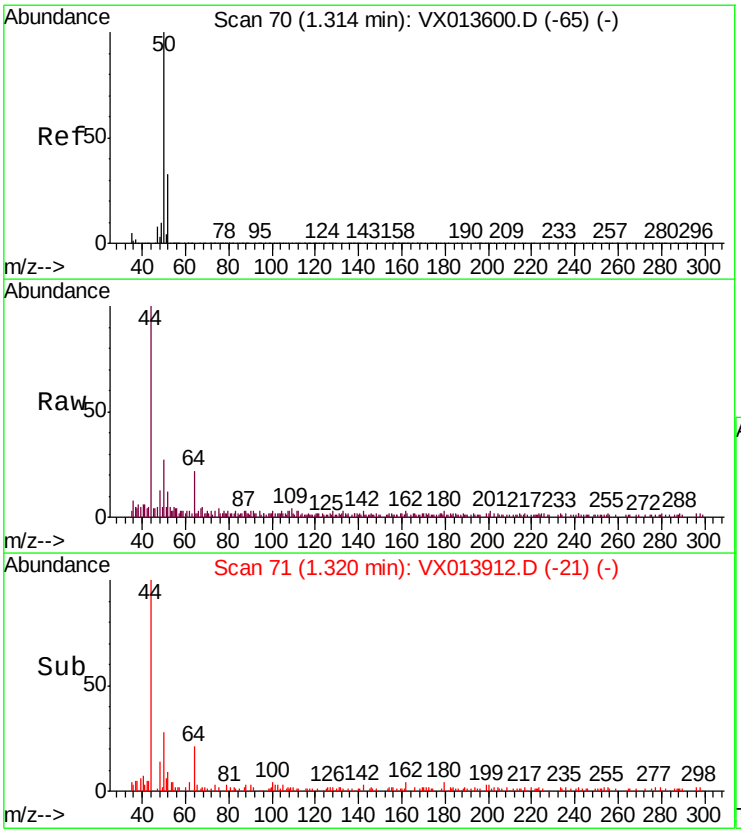
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20191205

Tgt Ion:168 Resp: 544981

Ion	Ratio	Lower	Upper
168	100		
99	51.8	39.8	59.8

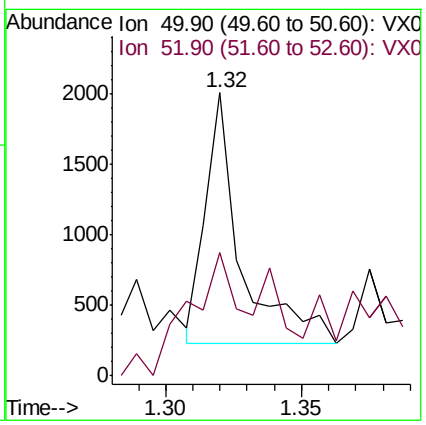


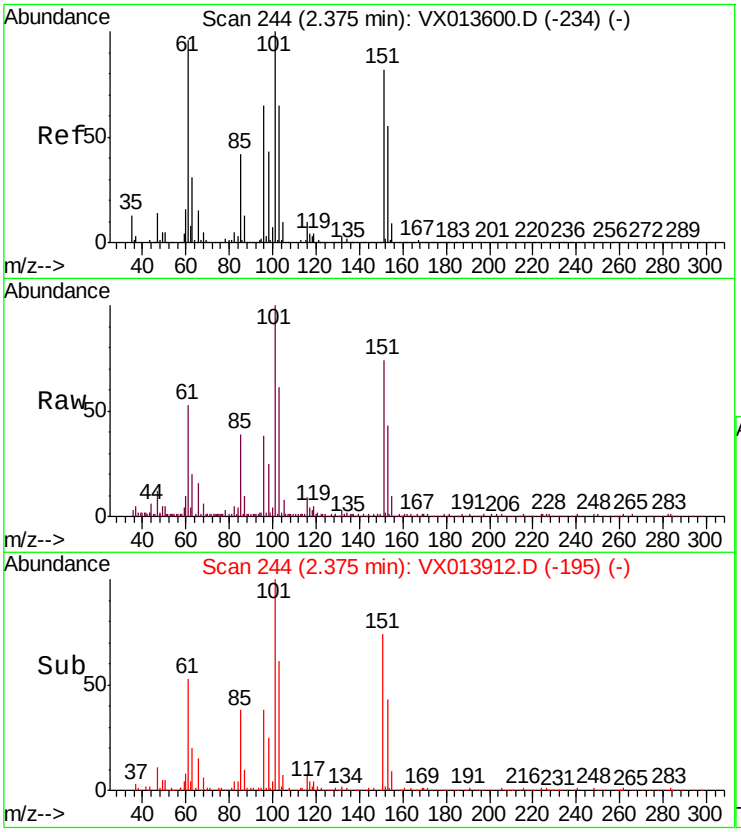


#3
Chloromethane
Concen: 0.237 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Tgt Ion: 50 Resp: 1615

Ion	Ratio	Lower	Upper
50	100		
52	35.1	26.0	39.0



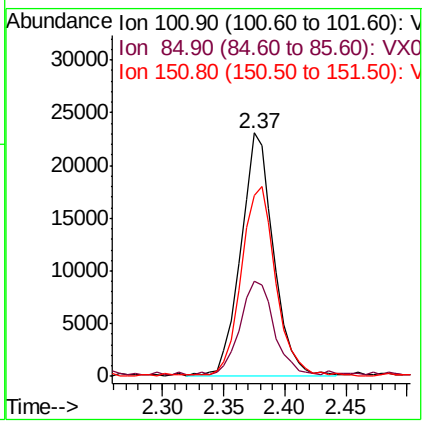


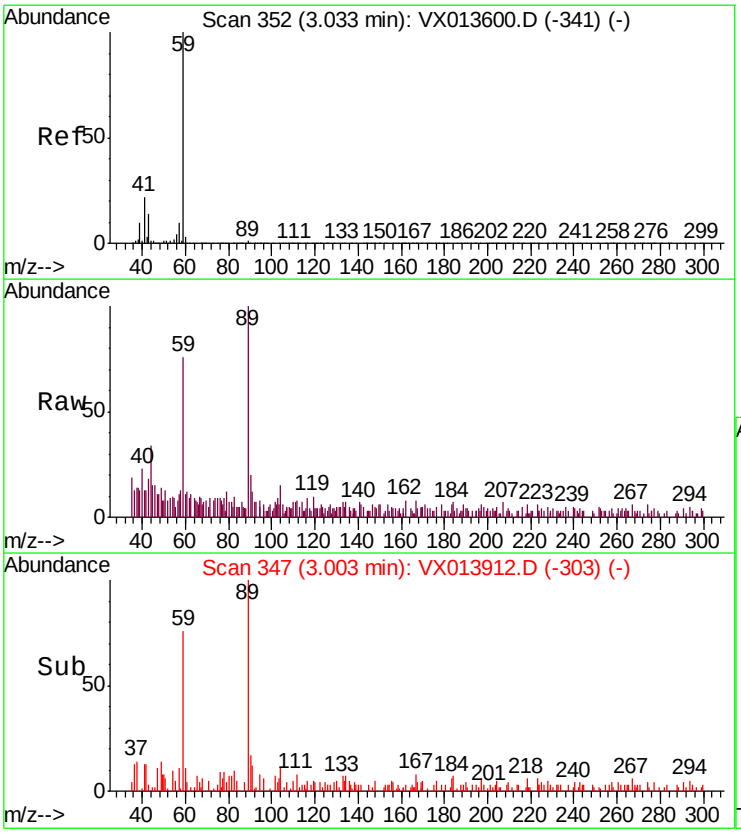
#9
1,1,2-Trichlorotrifluoroethane
Concen: 8.290 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.00 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20191205

Tgt Ion:101 Resp: 43074

Ion	Ratio	Lower	Upper
101	100		
85	40.4	33.9	50.9
151	81.0	64.2	96.2

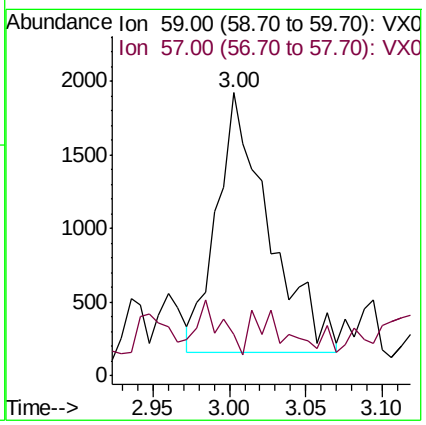


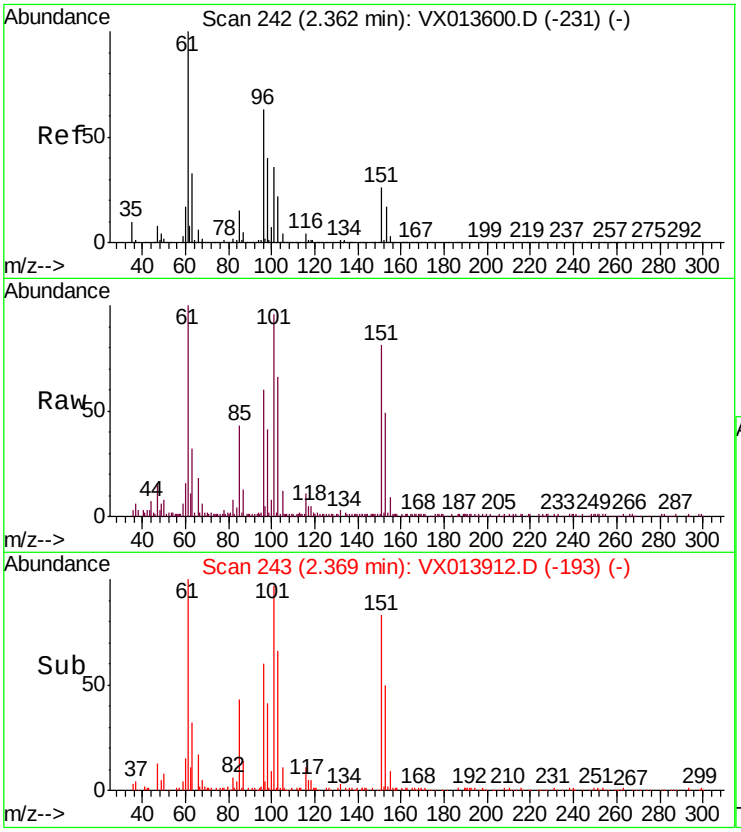


#11
Tert butyl alcohol
Concen: 2.667 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.03 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Tgt Ion: 59 Resp: 4164

Ion	Ratio	Lower	Upper
59	100		
57	10.6	7.8	11.6



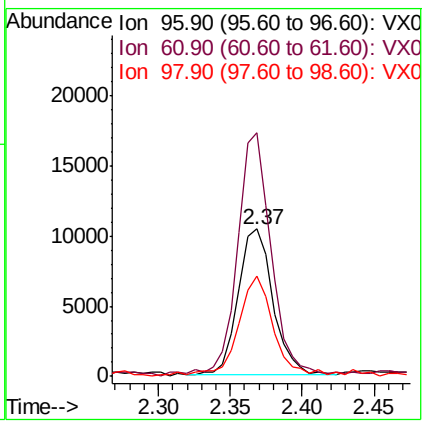


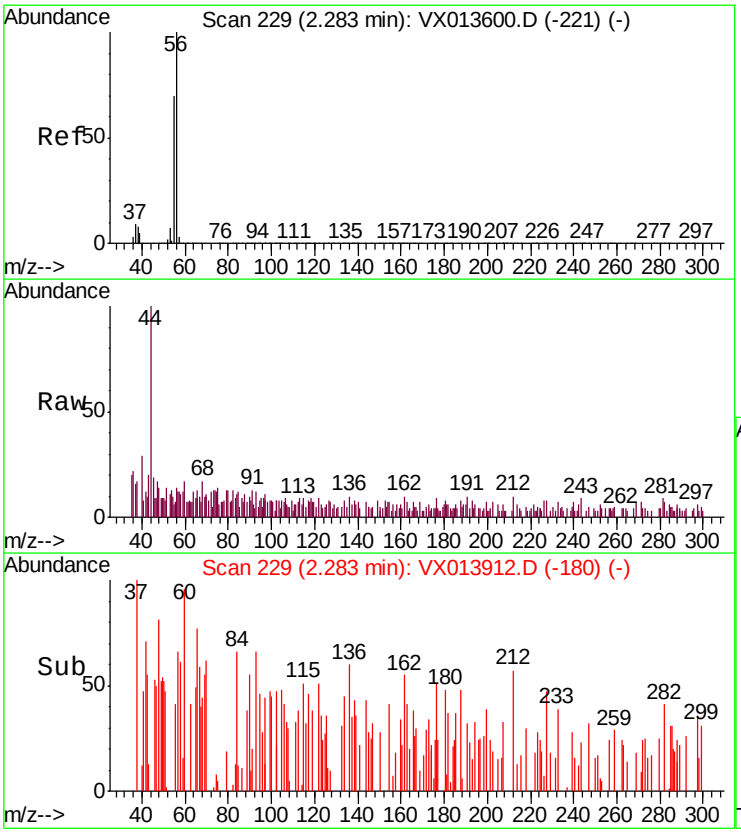
#12
1,1-Dichloroethene
Concen: 3.395 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20191205

Tgt Ion: 96 Resp: 17610

Ion	Ratio	Lower	Upper
96	100		
61	164.9	126.6	190.0
98	67.7	50.6	76.0

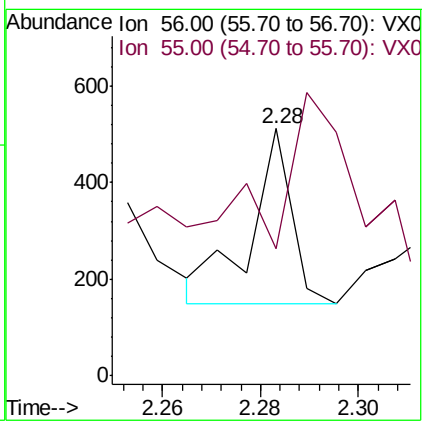


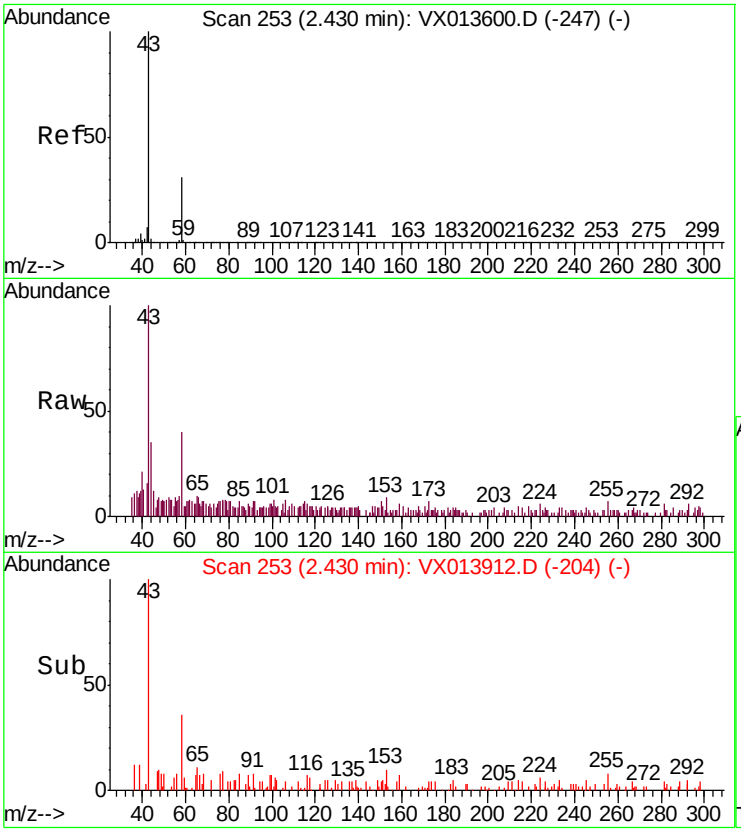


#13
Acrolein
Concen: 6.199 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Tgt Ion: 56 Resp: 209

Ion	Ratio	Lower	Upper
56	100		
55	299.5	56.2	84.4#



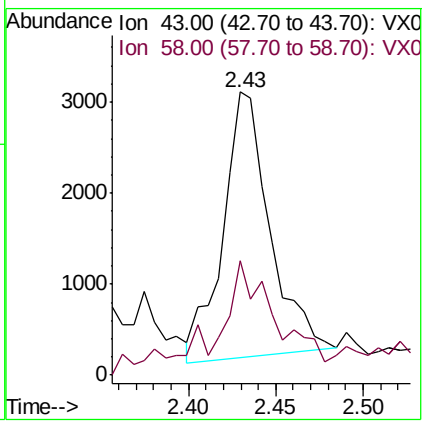


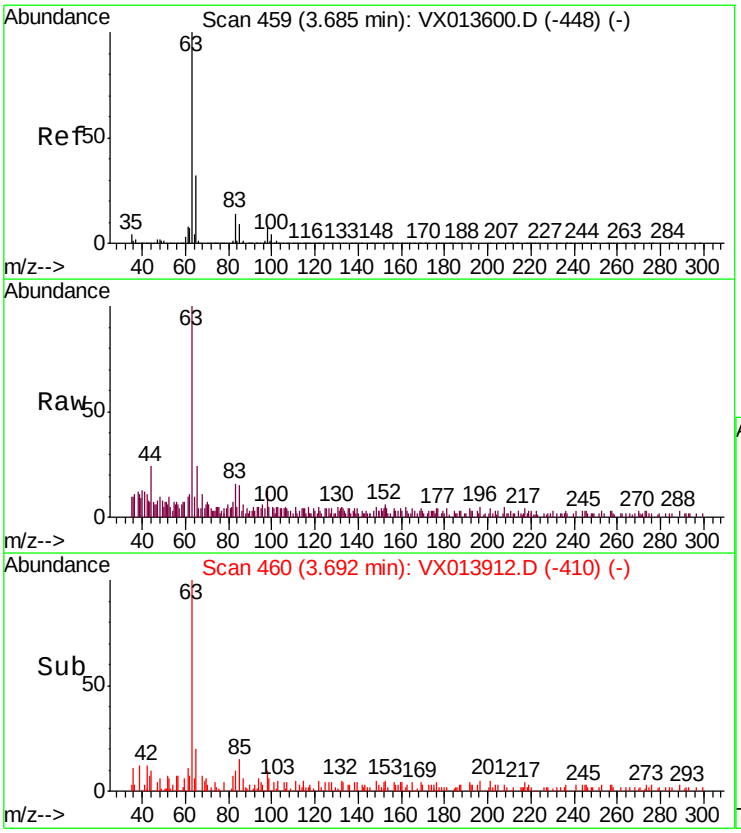
#16
Acetone
Concen: 1.750 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20191205

Tgt Ion: 43 Resp: 5467

Ion	Ratio	Lower	Upper
43	100		
58	37.0	24.6	36.8#

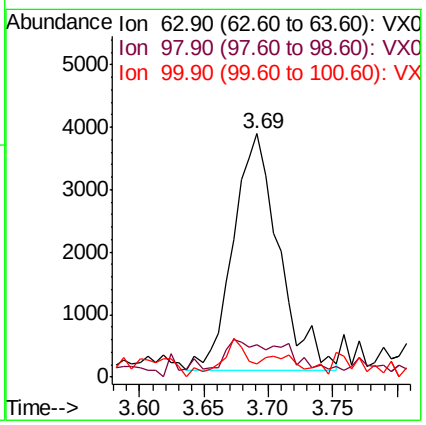


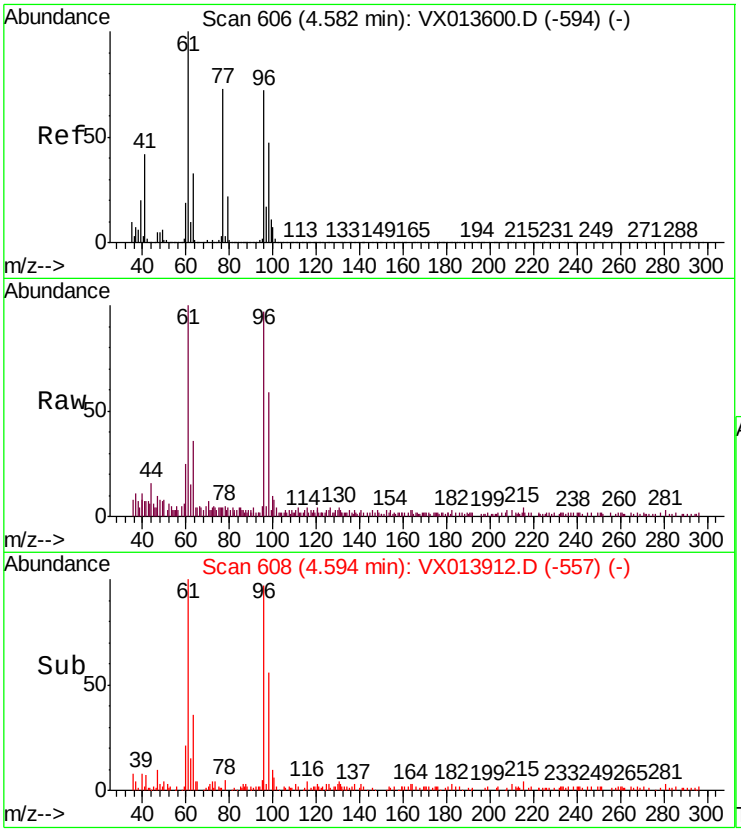


#24
1,1-Dichloroethane
Concen: 0.940 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.01 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Tgt Ion: 63 Resp: 9316

Ion	Ratio	Lower	Upper
63	100		
98	10.6	3.5	10.4#
100	5.6	2.1	6.3



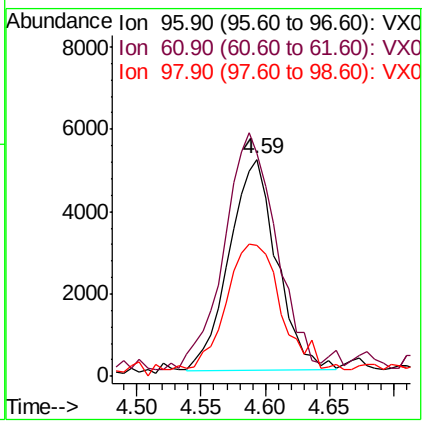


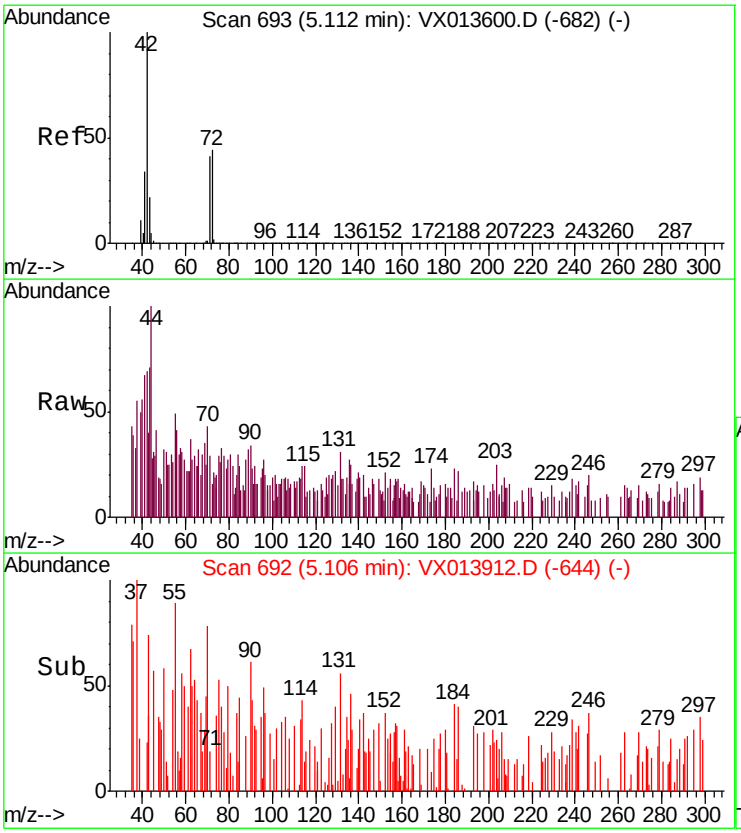
#27
cis-1,2-Dichloroethene
Concen: 2.024 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20191205

Tgt Ion: 96 Resp: 13130

Ion	Ratio	Lower	Upper
96	100		
61	124.2	0.0	286.4
98	80.0	0.0	127.4

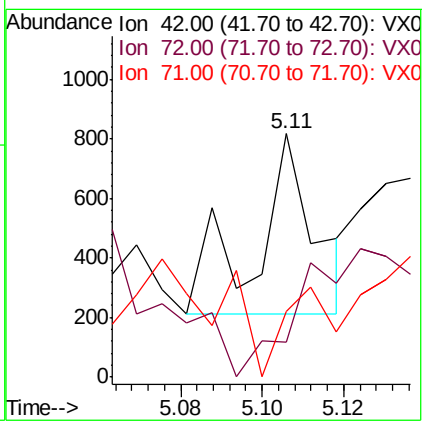


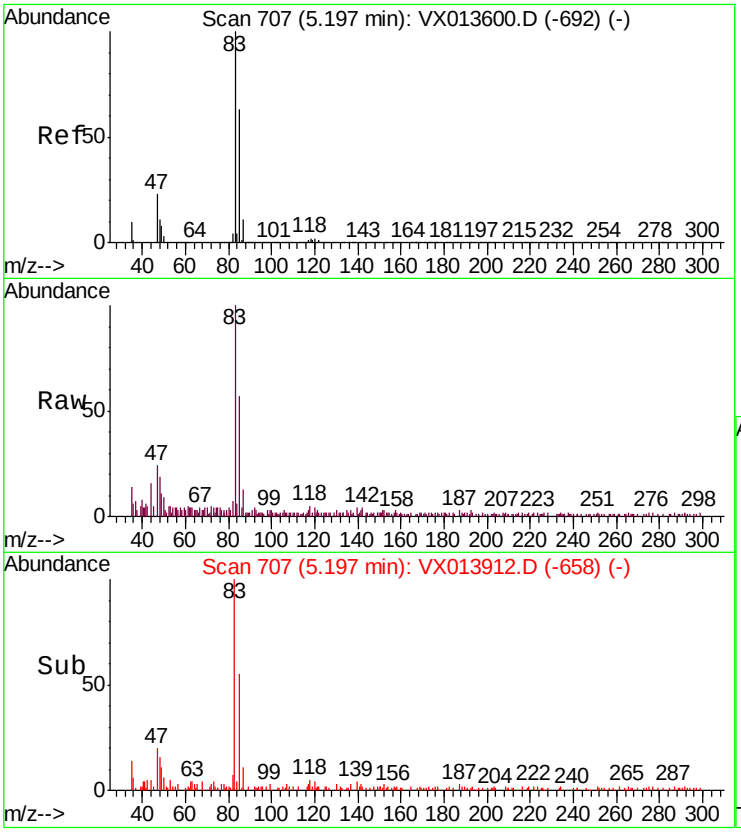


#29
Tetrahydrofuran
Concen: 0.215 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Tgt Ion: 42 Resp: 615

Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.3	54.5#
71	40.2	33.2	49.8



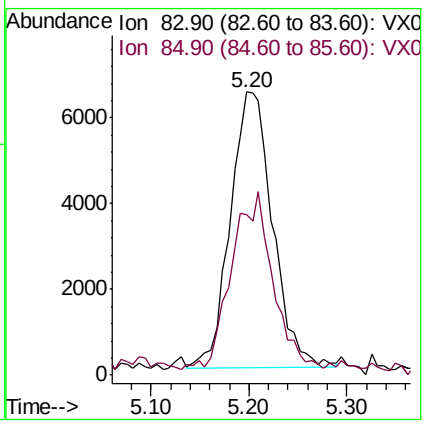


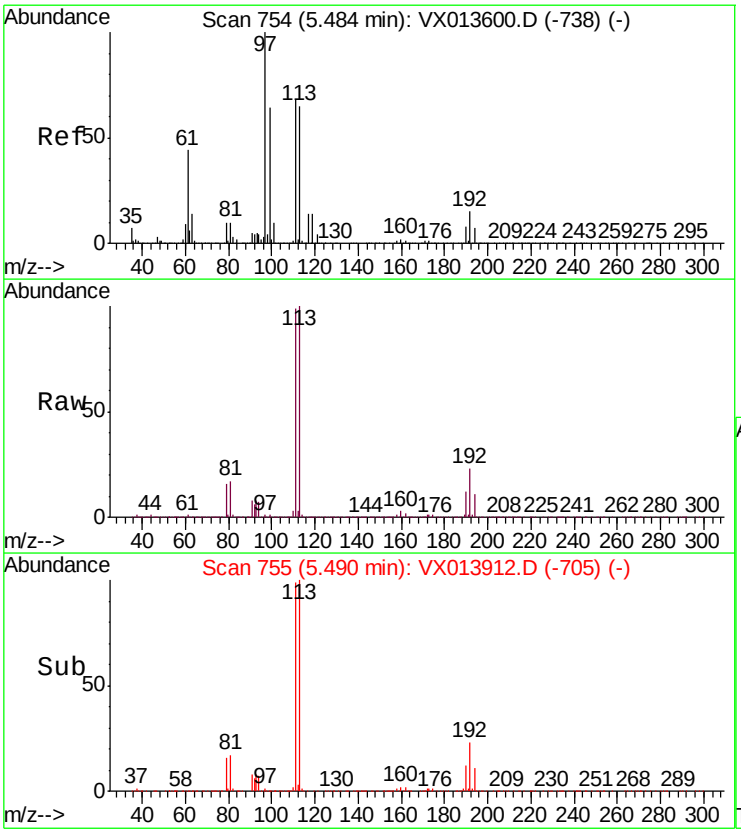
#30
Chloroform
Concen: 1.932 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20191205

Tgt Ion: 83 Resp: 19410

Ion	Ratio	Lower	Upper
83	100		
85	55.5	50.2	75.4

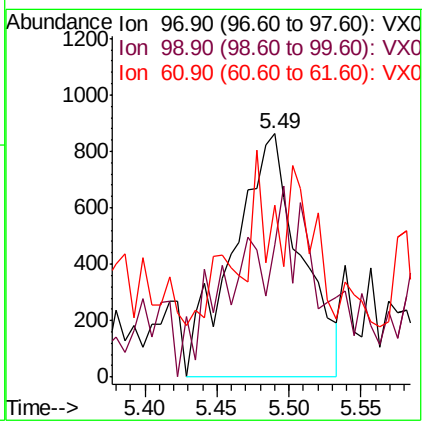


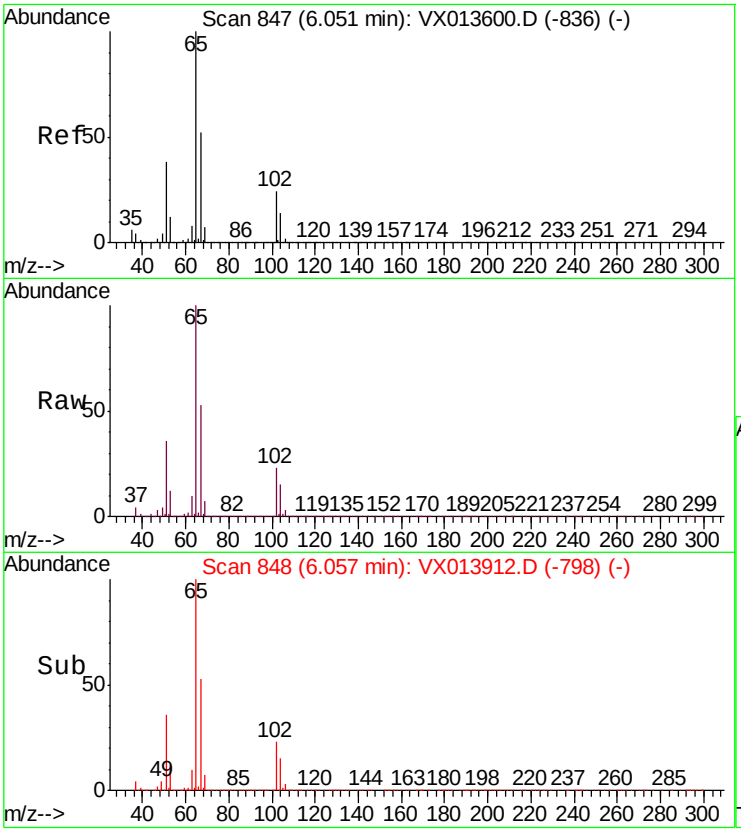


#32
1,1,1-Trichloroethane
Concen: 0.334 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Tgt Ion: 97 Resp: 2805

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.6	77.4#
61	22.2	36.1	54.1#



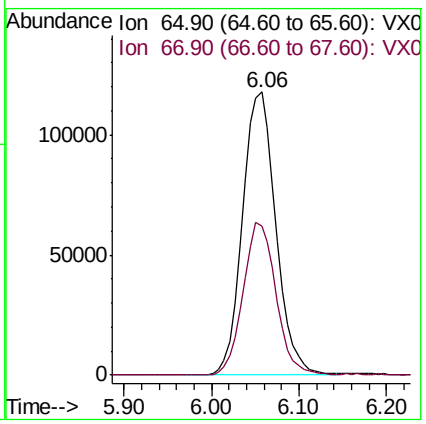


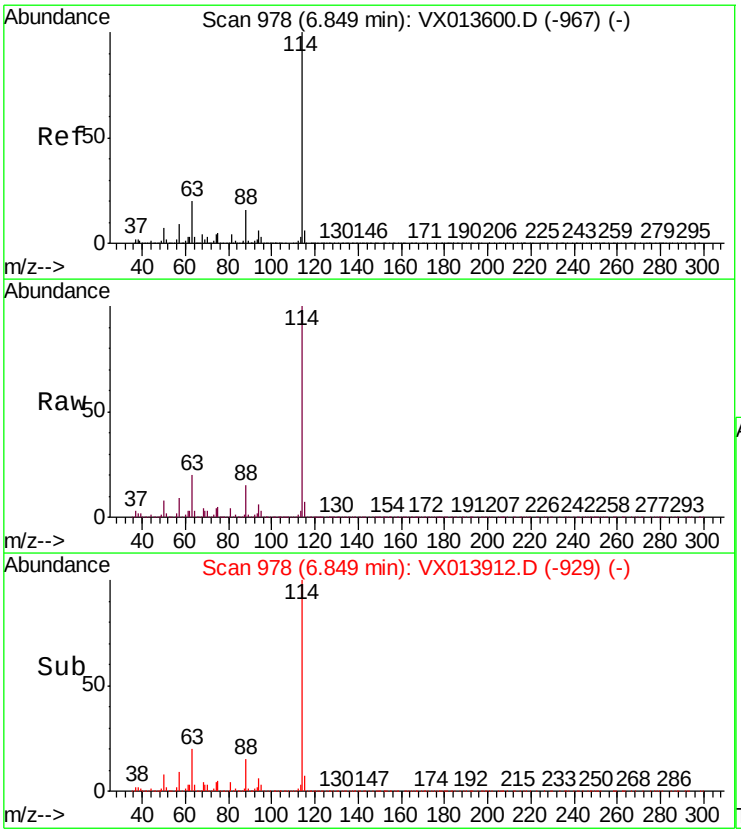
#33
1,2-Dichloroethane-d4
Concen: 49.251 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Instrument : MSVOA_X
ClientSampleId : RE132D7-20191205

Tgt Ion: 65 Resp: 311561

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	104.4

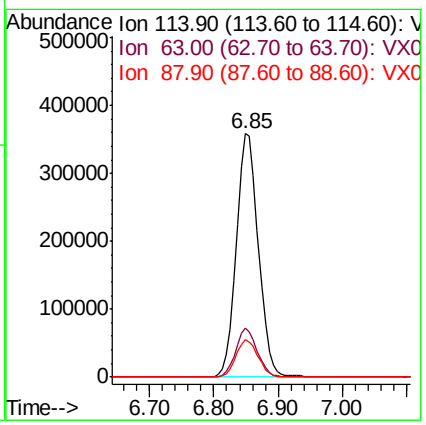


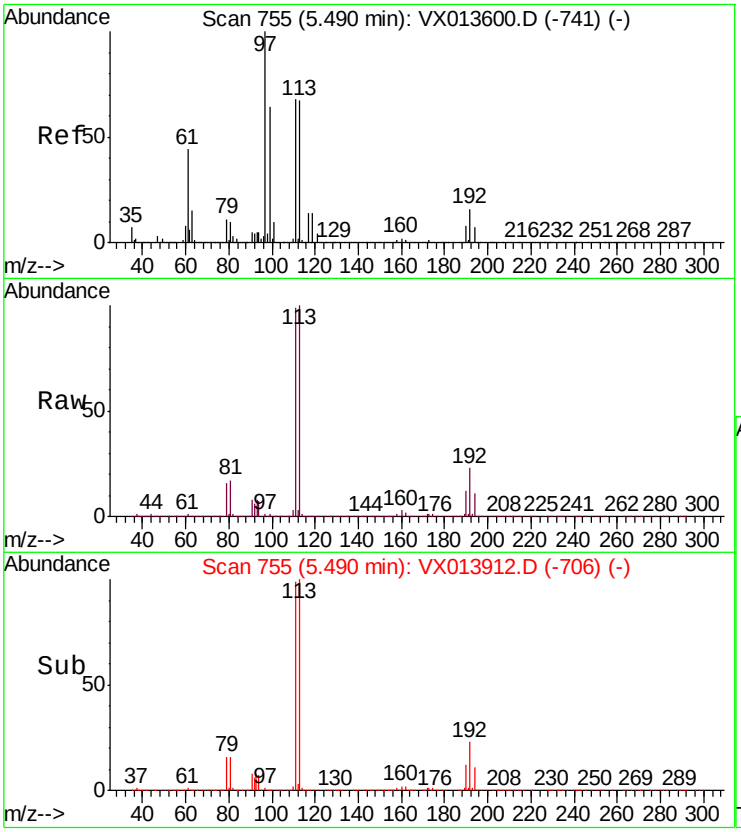


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Tgt Ion:114 Resp: 847283

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.6
88	15.4	0.0	31.4



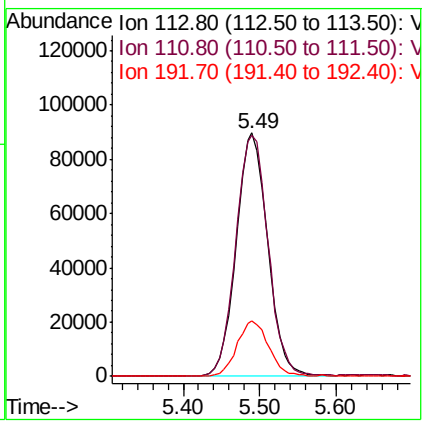


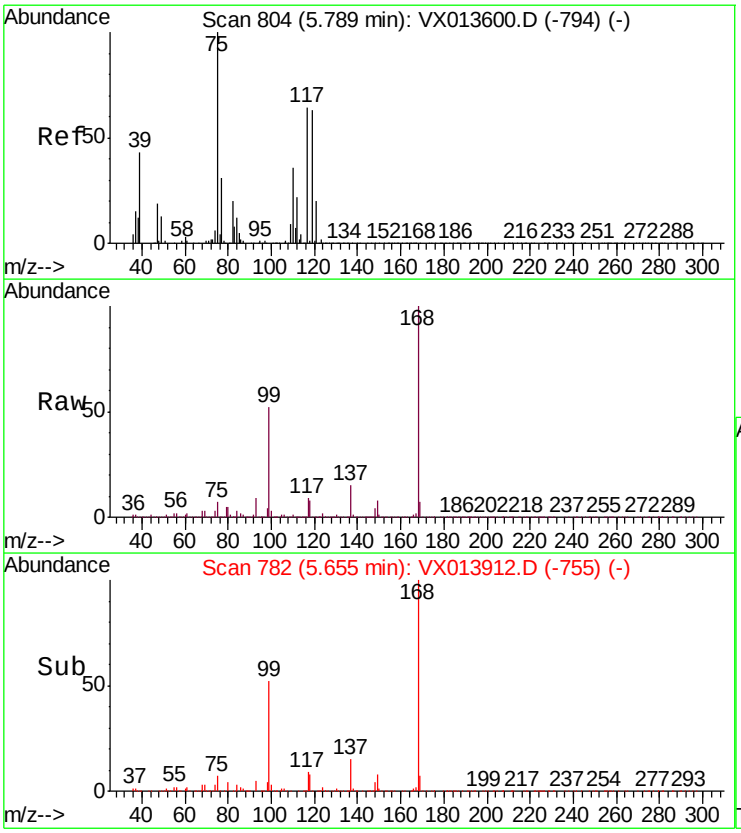
#35
Dibromofluoromethane
Concen: 49.057 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20191205

Tgt Ion:113 Resp: 256959

Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.6	125.4
192	22.9	19.2	28.8

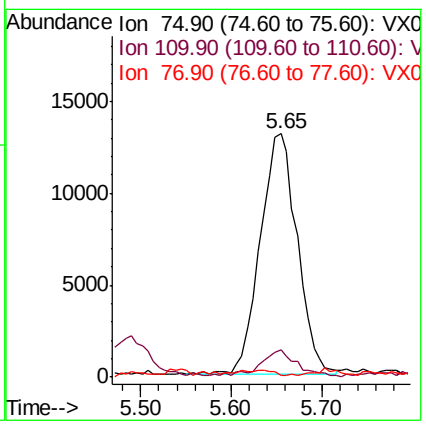


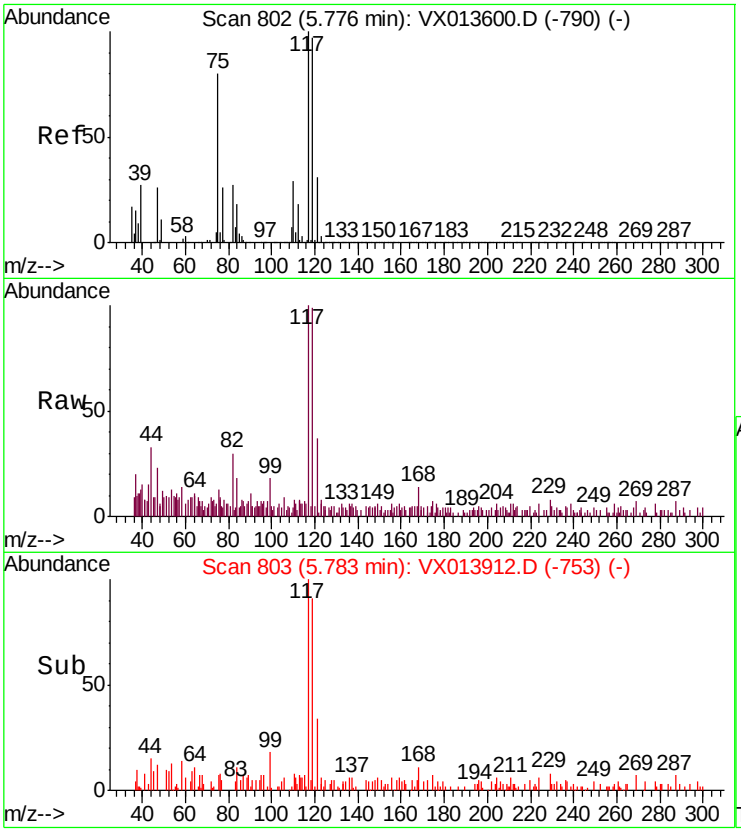


#36
1,1-Dichloropropene
Concen: 4.812 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Tgt Ion: 75 Resp: 37007

Ion	Ratio	Lower	Upper
75	100		
110	11.4	18.1	54.1#
77	0.0	24.5	36.7#



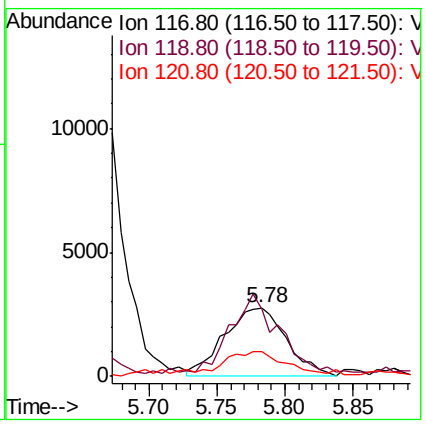


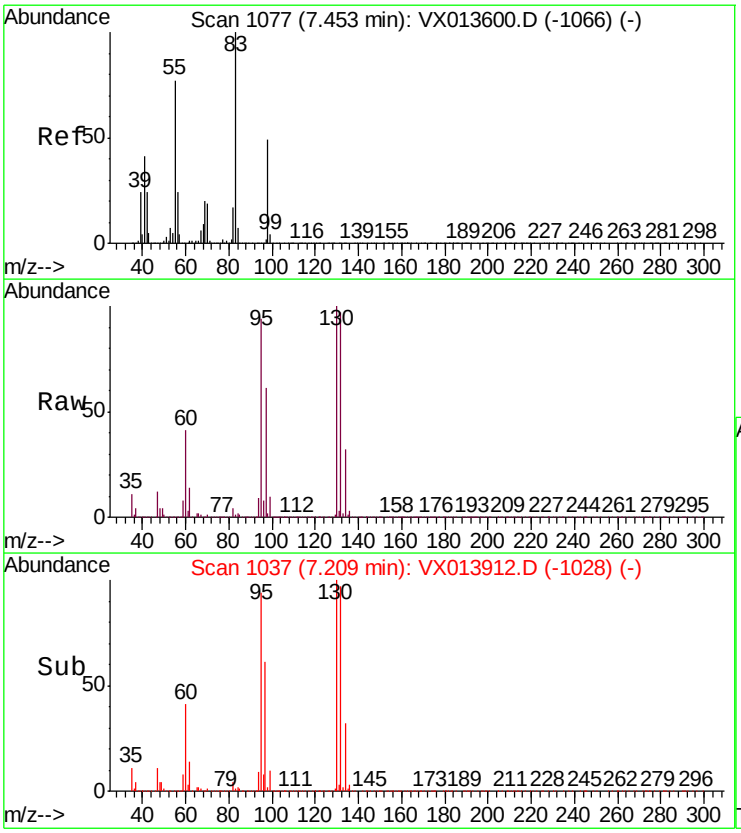
#38
Carbon Tetrachloride
Concen: 1.238 ug/l
RT: 5.78 min Scan# 803
Delta R.T. 0.01 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20191205

Tgt Ion:117 Resp: 8783

Ion	Ratio	Lower	Upper
117	100		
119	91.5	77.5	116.3
121	27.5	25.0	37.6

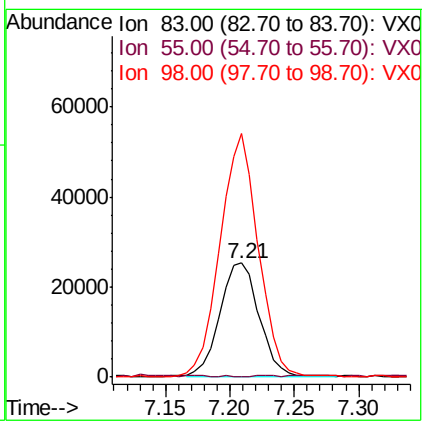


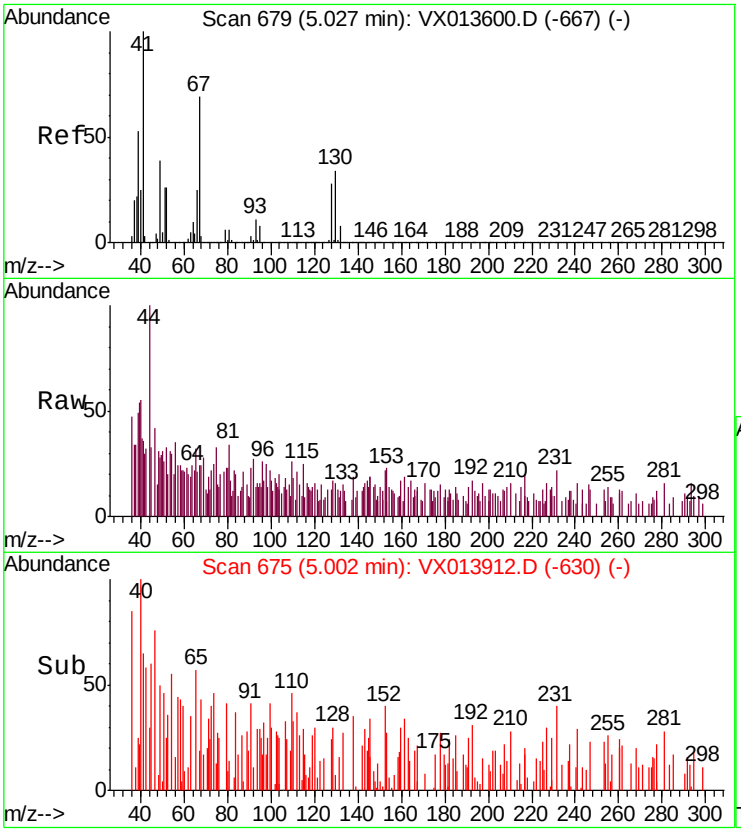


#39
Methylcyclohexane
Concen: 5.605 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.24 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Tgt Ion: 83 Resp: 53287

Ion	Ratio	Lower	Upper
83	100		
55	0.9	61.9	92.9#
98	214.0	39.4	59.0#



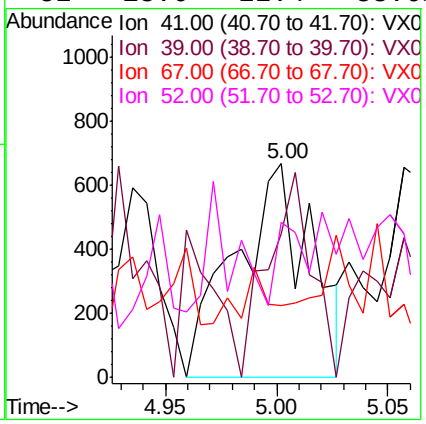


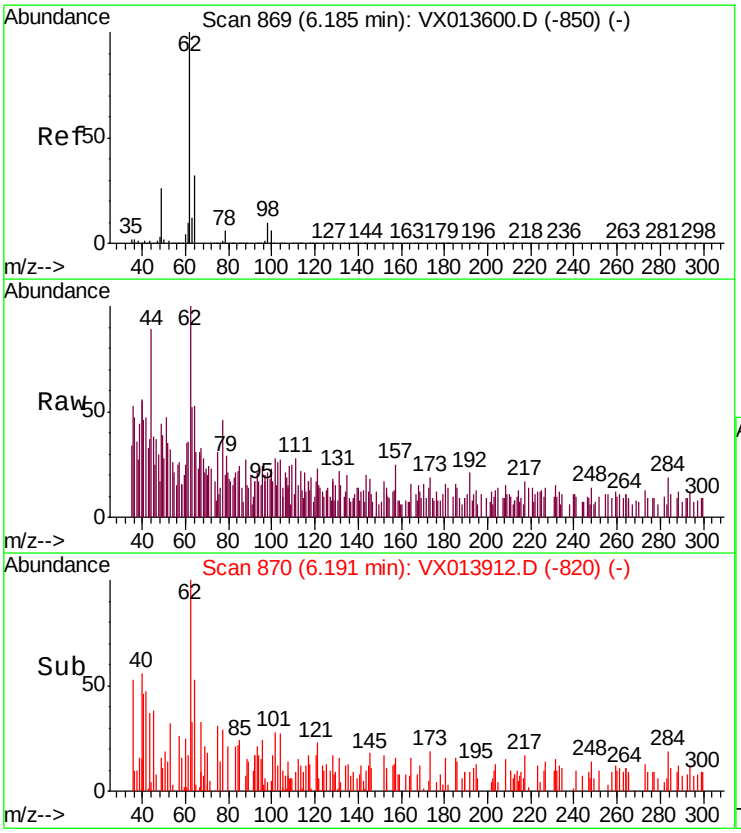
#41
Methacrylonitrile
Concen: 0.333 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.02 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Instrument : MSVOA_X
ClientSampleId : RE132D7-20191205

Tgt Ion: 41 Resp: 1576

Ion	Ratio	Lower	Upper
41	100		
39	54.9	42.9	64.3
67	19.0	57.4	86.0#
52	13.6	22.4	33.6#

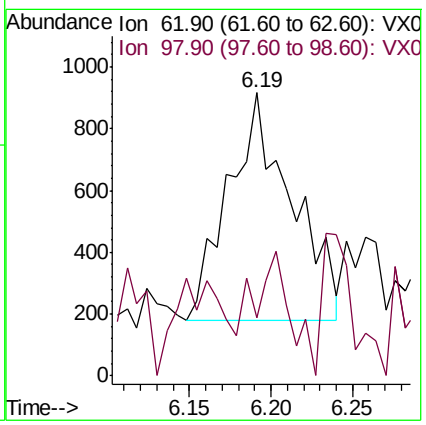


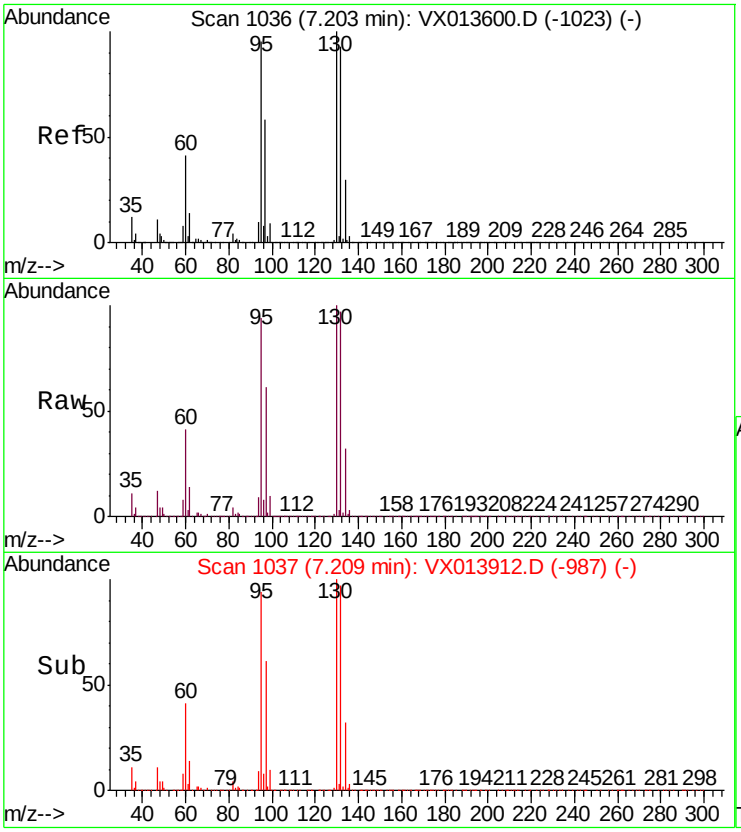


#42
1,2-Dichloroethane
Concen: 0.248 ug/l
RT: 6.19 min Scan# 870
Delta R.T. 0.01 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Tgt Ion: 62 Resp: 1981

Ion	Ratio	Lower	Upper
62	100		
98	17.7	0.0	20.8



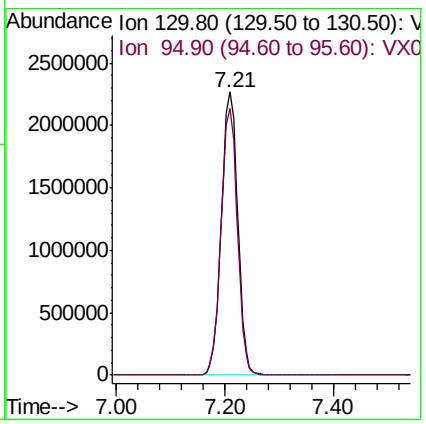


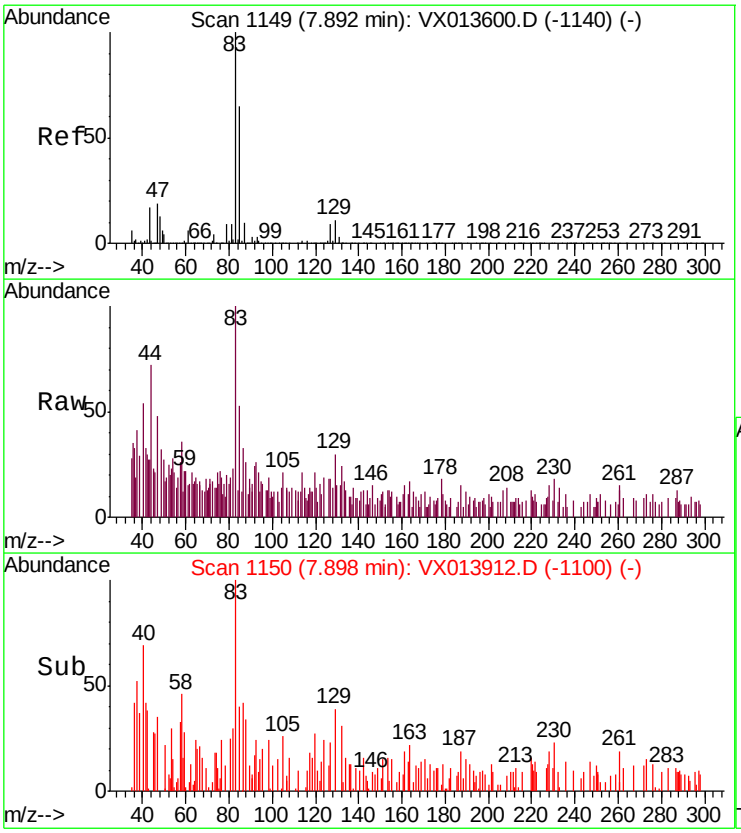
#44
Trichloroethene
Concen: 742.043 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20191205

Tgt Ion:130 Resp: 4770503

Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	190.8

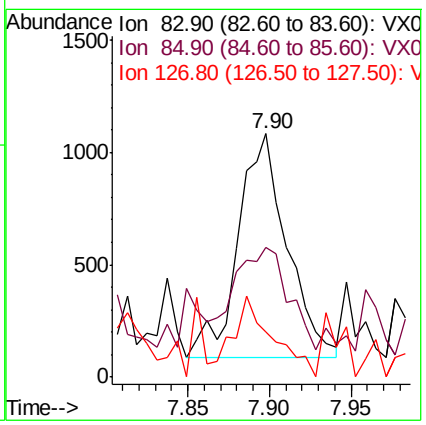


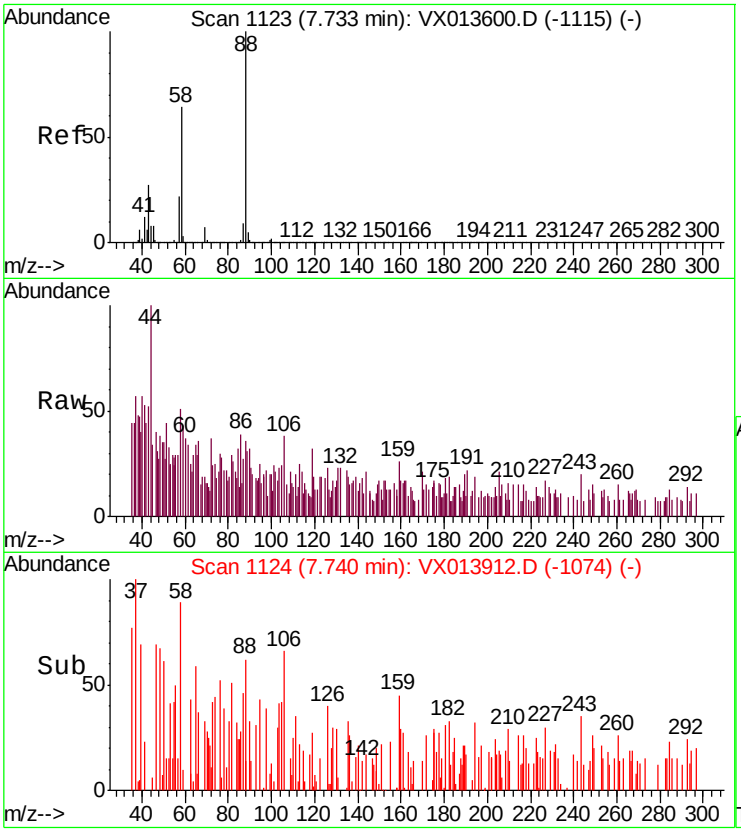


#47
Bromodichloromethane
Concen: 0.276 ug/l
RT: 7.90 min Scan# 1150
Delta R.T. 0.01 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Tgt Ion: 83 Resp: 2075

Ion	Ratio	Lower	Upper
83	100		
85	43.0	52.1	78.1#
127	20.0	7.0	10.4#



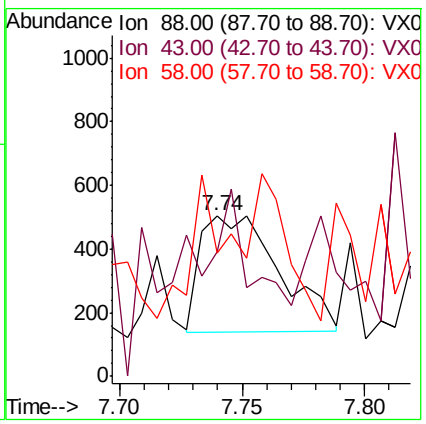


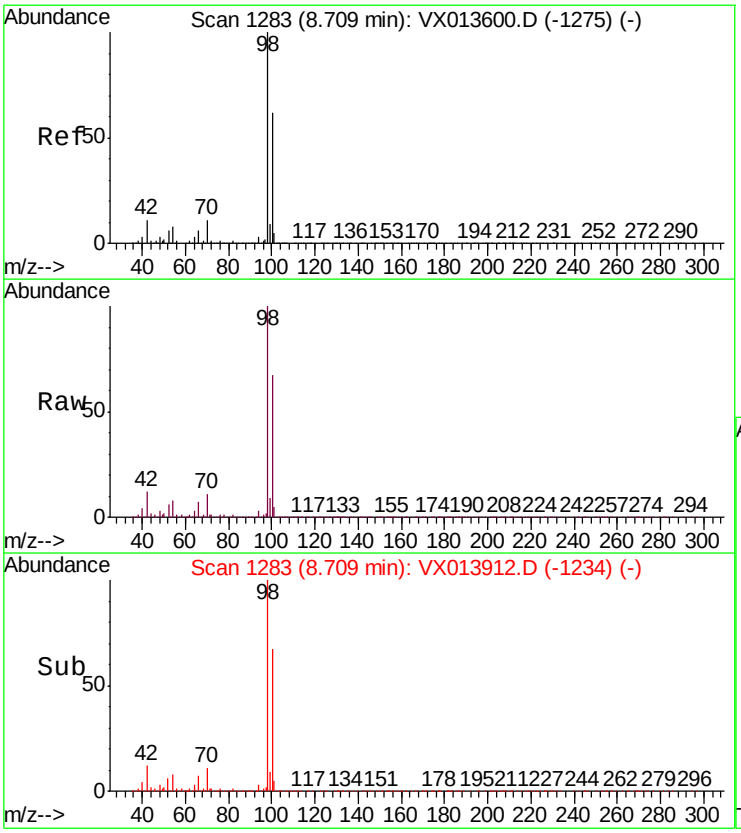
#49
1,4-Dioxane
Concen: 5.321 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20191205

Tgt Ion: 88 Resp: 822

Ion	Ratio	Lower	Upper
88	100		
43	172.3	25.8	38.6#
58	68.0	54.6	82.0

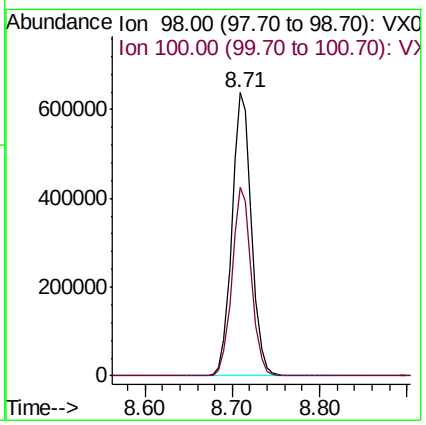


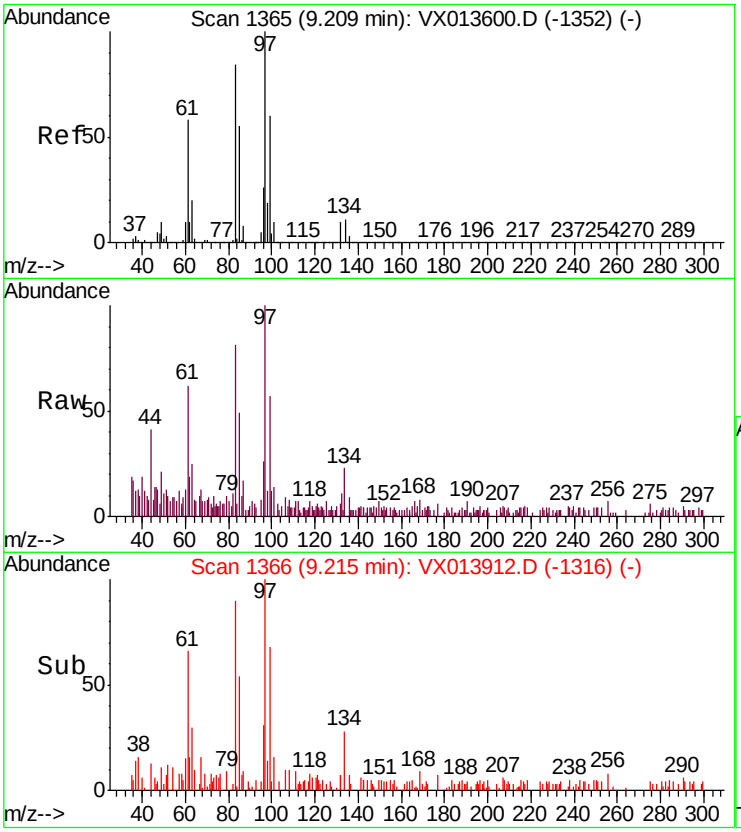


#50
Toluene-d8
Concen: 48.853 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Tgt Ion: 98 Resp: 996992

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.1	79.7



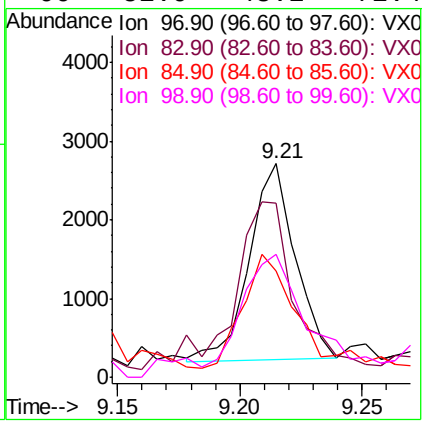


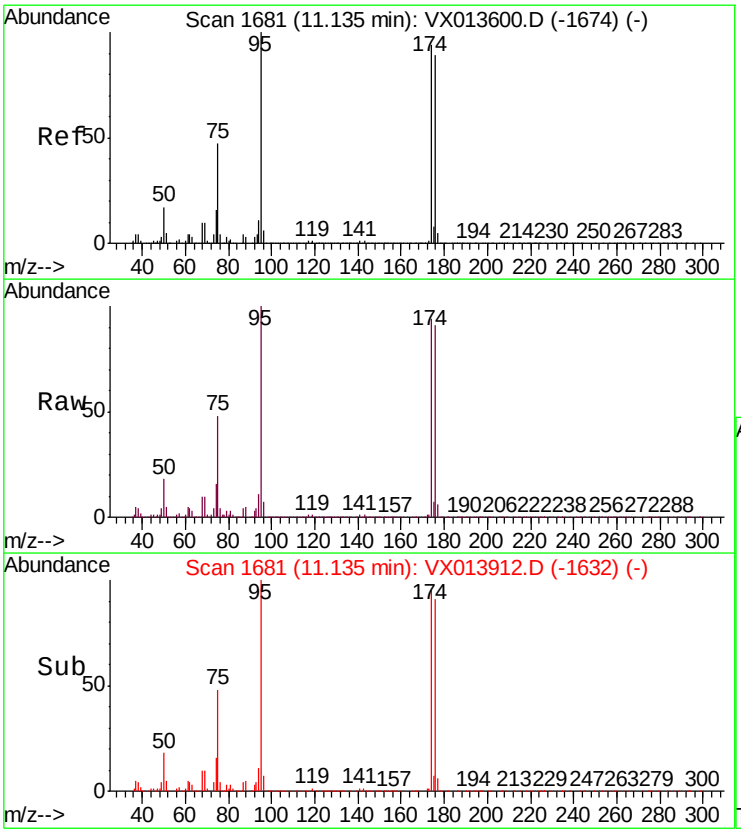
#55
1,1,2-Trichloroethane
Concen: 0.556 ug/l
RT: 9.21 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Instrument : MSVOA_X
ClientSampleId : RE132D7-20191205

Tgt Ion: 97 Resp: 3263

Ion	Ratio	Lower	Upper
97	100		
83	77.8	67.3	100.9
85	49.1	43.6	65.4
99	52.9	48.2	72.4

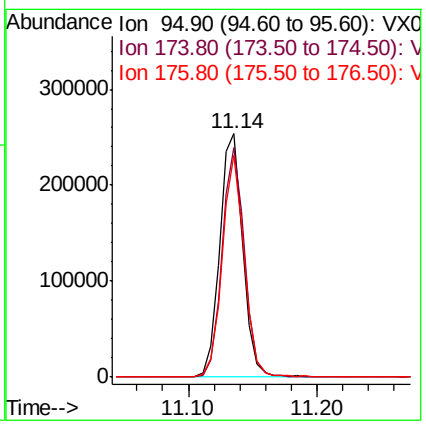


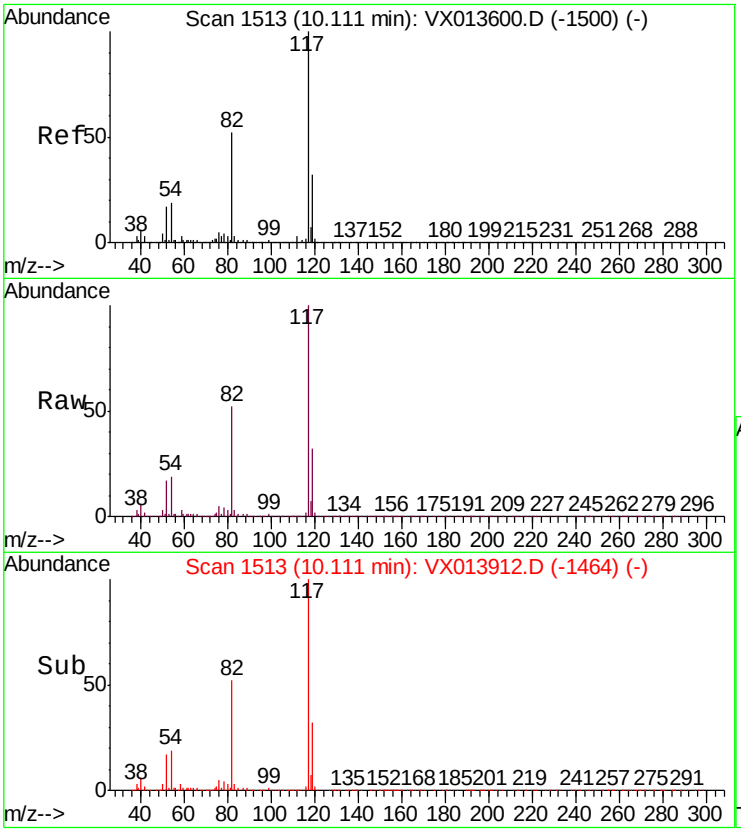


#62
4-Bromofluorobenzene
Concen: 43.490 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Tgt Ion: 95 Resp: 320051

Ion	Ratio	Lower	Upper
95	100		
174	91.7	0.0	180.0
176	87.3	0.0	173.6



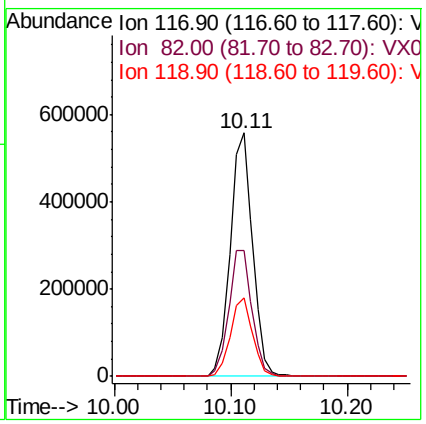


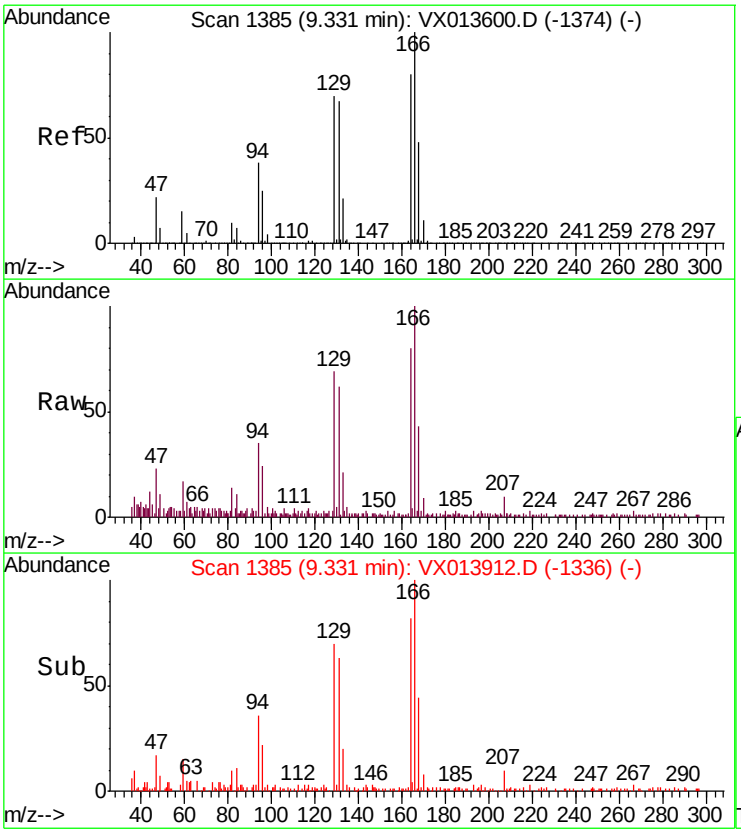
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Instrument : MSVOA_X
ClientSampleId : RE132D7-20191205

Tgt Ion:117 Resp: 743453

Ion	Ratio	Lower	Upper
117	100		
82	51.6	41.8	62.8
119	32.4	25.8	38.8

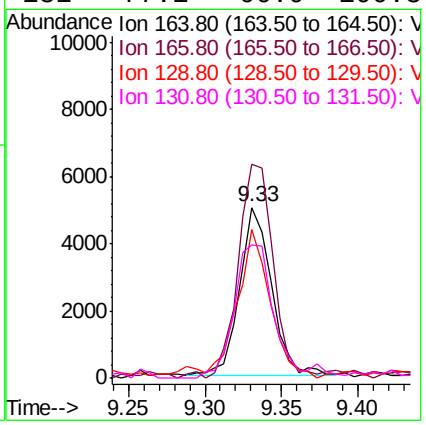


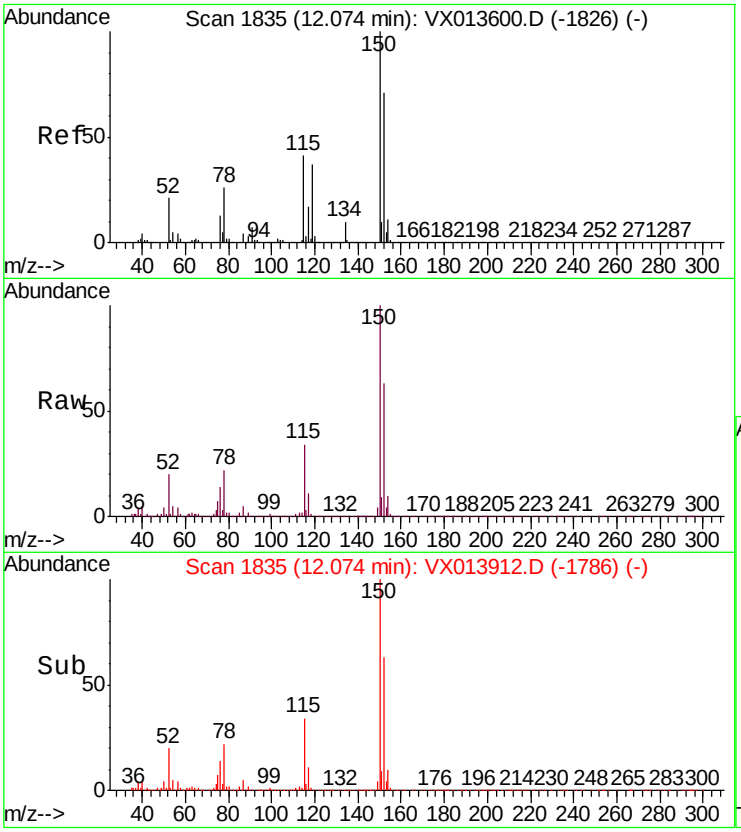


#64
Tetrachloroethene
Concen: 1.319 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Tgt Ion:164 Resp: 7314

Ion	Ratio	Lower	Upper
164	100		
166	122.7	99.7	149.5
129	85.8	70.1	105.1
131	77.1	66.9	100.3



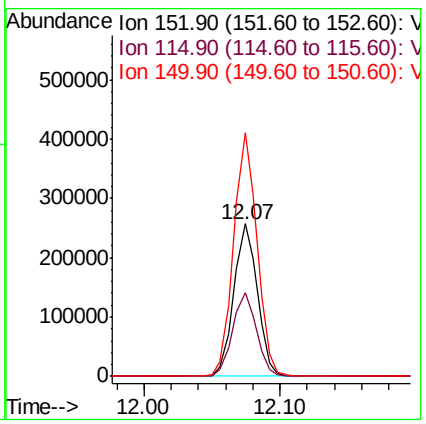


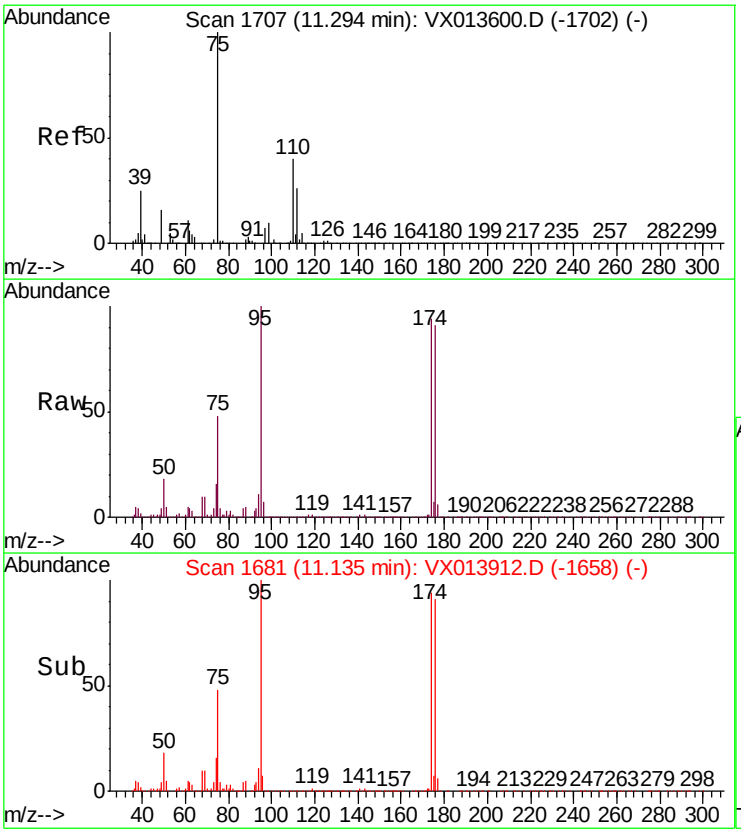
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20191205

Tgt Ion:152 Resp: 308738

Ion	Ratio	Lower	Upper
152	100		
115	55.6	38.4	115.1
150	159.5	0.0	346.8

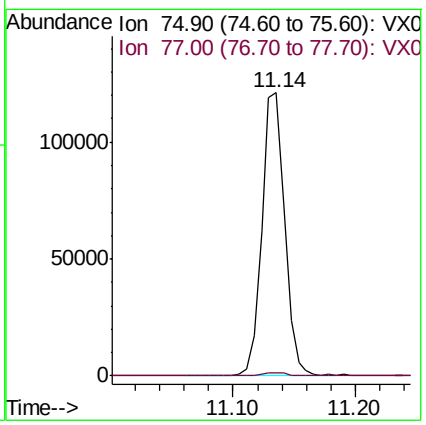


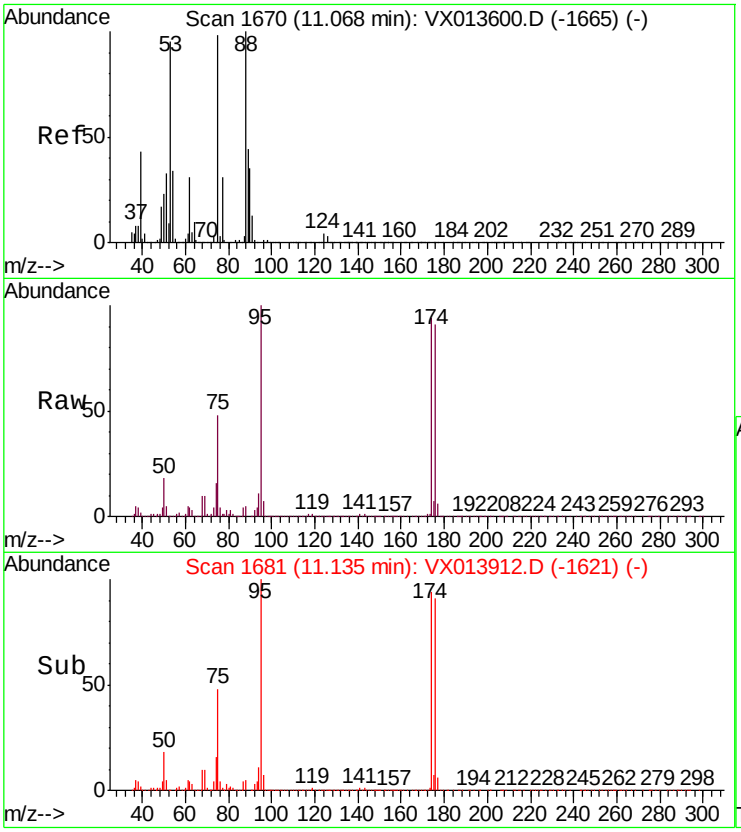


#76
1,2,3-Trichloropropane
Concen: 22.759 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Tgt Ion: 75 Resp: 158038

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.264 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX013912.D
Acq: 10 Dec 2019 20:40

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20191205

Tgt Ion: 75 Resp: 158038

Ion	Ratio	Lower	Upper
75	100		
53	0.2	78.2	117.2#
89	0.1	35.4	53.2#