Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120919\
Data File : VX013859.D
Acq On : 09 Dec 2019 18:30
Operator : JC/SP
Sample : K6185-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE132D7-20191205

Quant Time: Dec 12 08:11:56 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	612377	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	936100	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	839530	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	357222	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	340959	47.97	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.94%				
35) Dibromofluoromethane	5.49	113	279420	48.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.56%				
50) Toluene-d8	8.71	98	1107222	49.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.22%				
62) 4-Bromofluorobenzene	11.14	95	366757	45.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.22%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	1828	0.239	ug/l	#	78
5) Bromomethane	1.65	94	1627	0.281	ug/l	#	69
6) Chloroethane	1.82	64	1183	0.242	ug/l	#	55
9) 1,1,2-Trichlorotrifluoroet	2.37	101	88058	15.082	ug/l		99
11) Tert butyl alcohol	3.00	59	573	0.327	ug/l	#	1
12) 1,1-Dichloroethene	2.37	96	20468	3.512	ug/l		97
13) Acrolein	2.26	56	816	6.682	ug/l	#	15
16) Acetone	2.44	43	16218	4.621	ug/l		92
20) Methylene Chloride	2.85	84	1480	0.220	ug/l	#	85
24) 1,1-Dichloroethane	3.69	63	10004	0.899	ug/l	#	96
27) cis-1,2-Dichloroethene	4.59	96	15354	2.106	ug/l		92
29) Tetrahydrofuran	5.01	42	964	0.300	ug/l		94
30) Chloroform	5.20	83	22370	1.981	ug/l		87
32) 1,1,1-Trichloroethane	5.48	97	3139	0.333	ug/l	#	23
36) 1,1-Dichloropropene	5.65	75	41654	4.902	ug/l	#	52
38) Carbon Tetrachloride	5.78	117	10512	1.342	ug/l	#	91
39) Methylcyclohexane	7.21	83	57414	5.466	ug/l	#	1
42) 1,2-Dichloroethane	6.19	62	2662	0.302	ug/l		99
44) Trichloroethene	7.21	130	5189668	730.652	ug/l		99
47) Bromodichloromethane	7.89	83	1747	0.210	ug/l	#	75
49) 1,4-Dioxane	7.76	88	802	4.699	ug/l	#	72
55) 1,1,2-Trichloroethane	9.21	97	4087	0.631	ug/l	#	90
64) Tetrachloroethene	9.33	164	8764	1.400	ug/l		91
76) 1,2,3-Trichloropropane	11.14	75	179362	22.324	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.14	75	179362	61.074	ug/l	#	11
92) 1,2-Dibromo-3-Chloropropan	12.97	75	479	0.253	ug/l	#	36

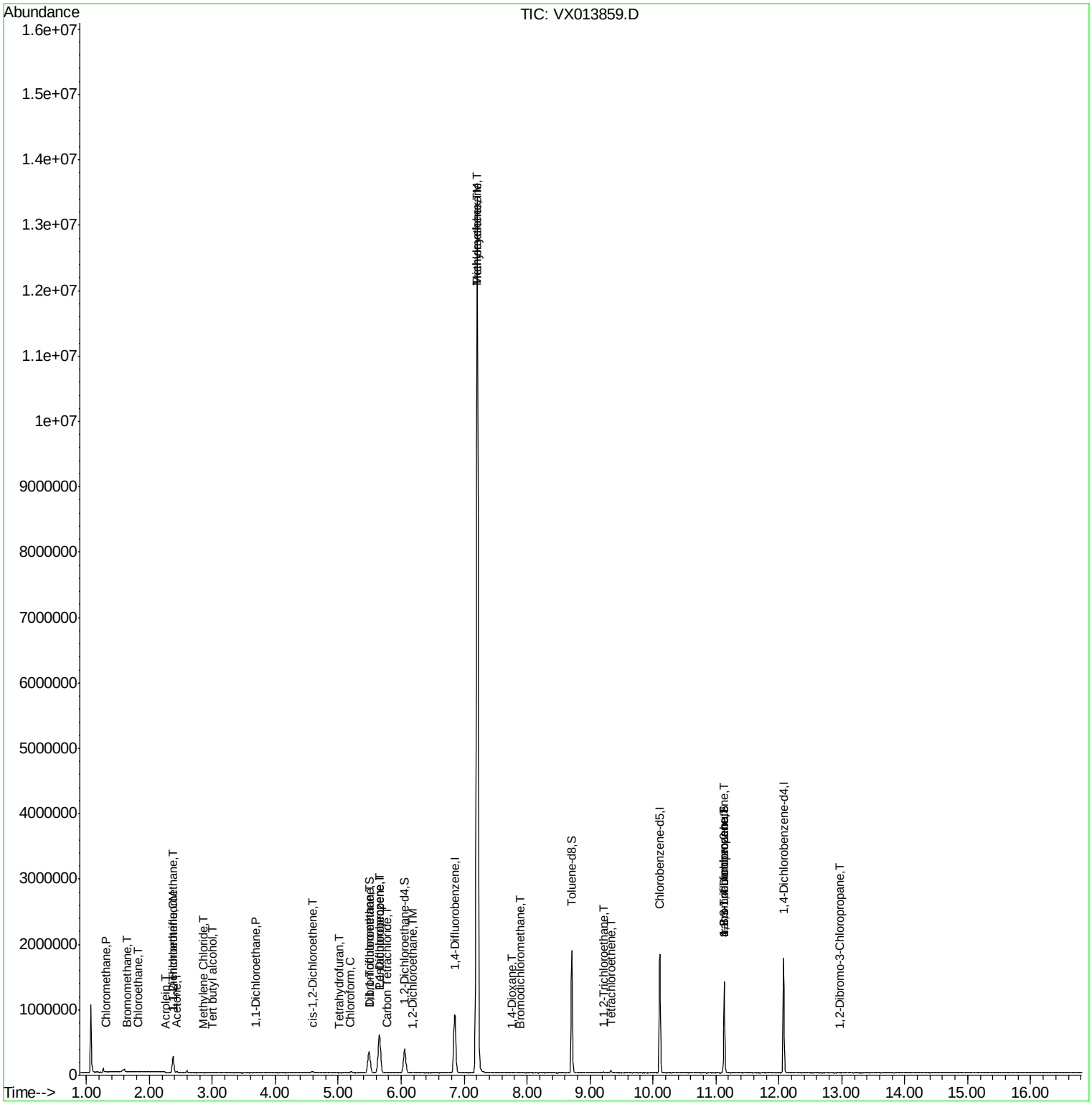
(#) = qualifier out of range (m) = manual integration (+) = signals summed

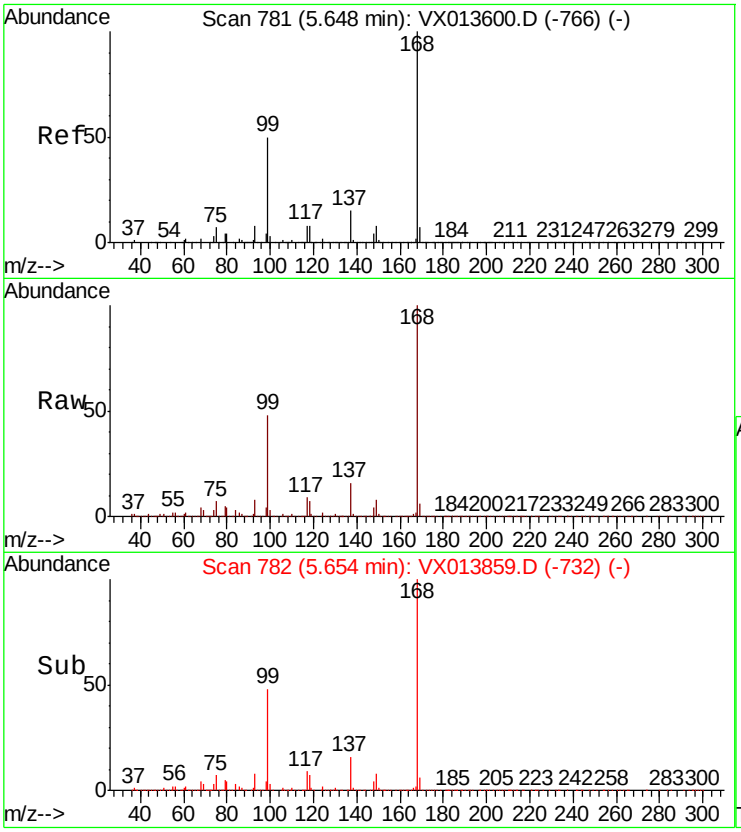
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120919\
Data File : VX013859.D
Acq On : 09 Dec 2019 18:30
Operator : JC/SP
Sample : K6185-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20191205

Quant Time: Dec 12 08:11:56 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



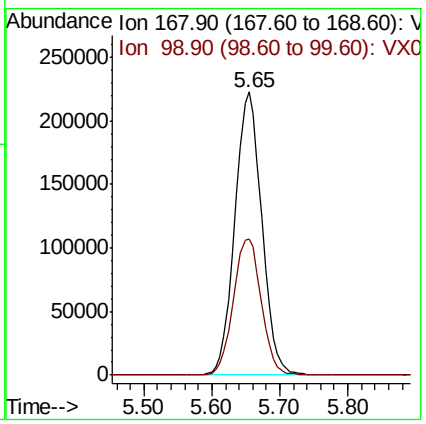


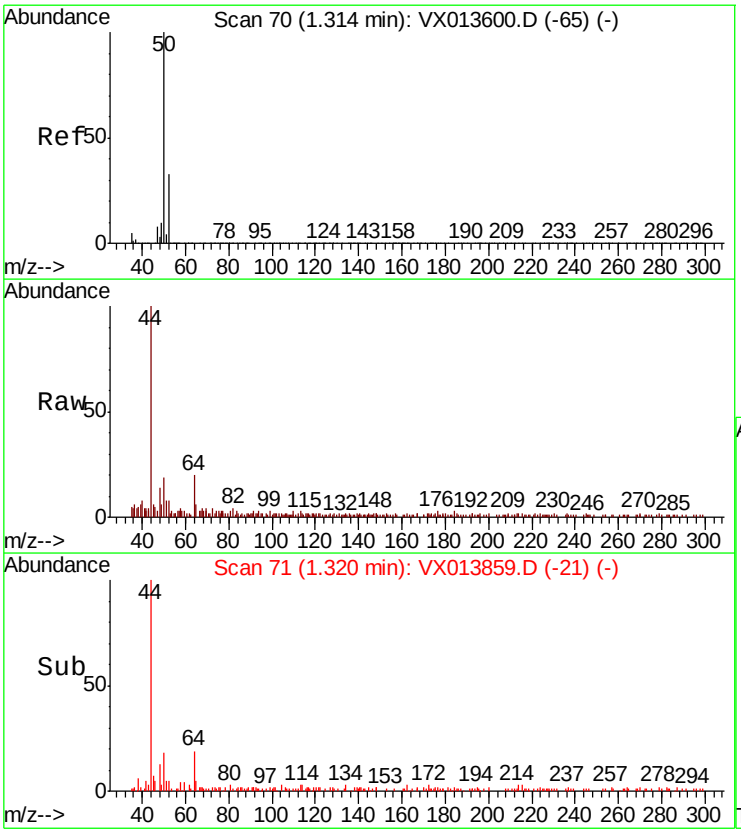
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20191205

Tgt Ion:168 Resp: 612377

Ion	Ratio	Lower	Upper
168	100		
99	47.8	39.8	59.8

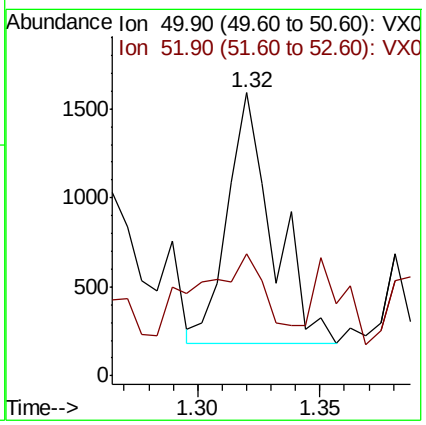


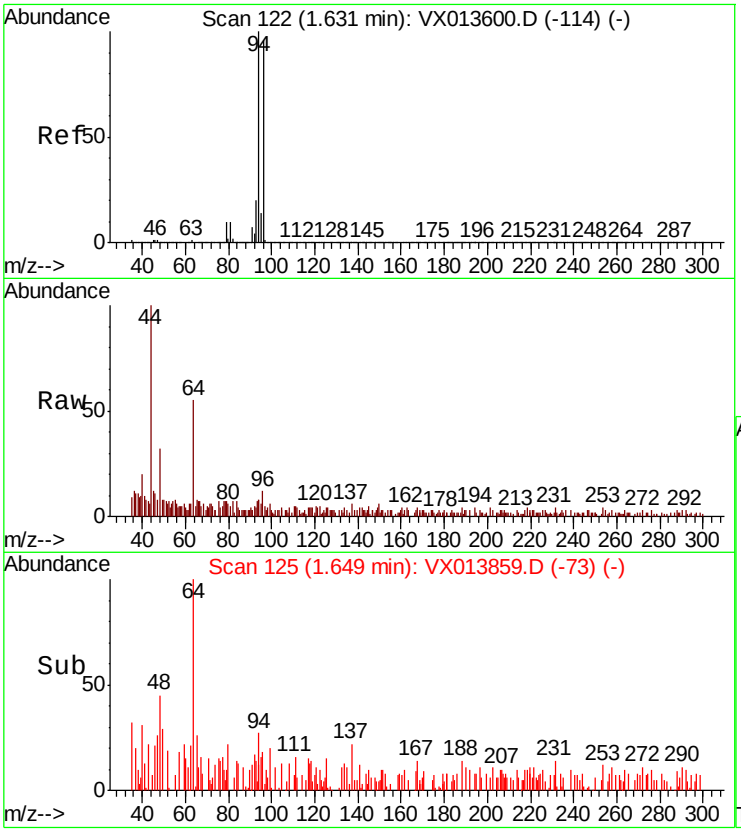


#3
Chloromethane
Concen: 0.239 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Tgt Ion: 50 Resp: 1828

Ion	Ratio	Lower	Upper
50	100		
52	20.1	26.0	39.0#



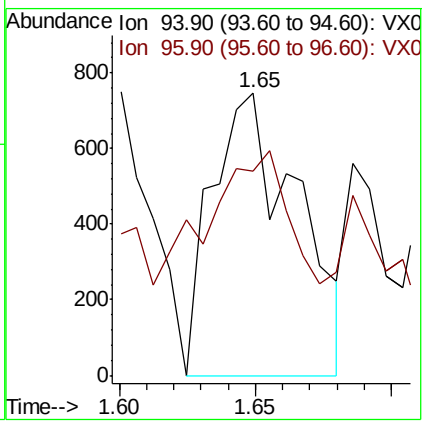


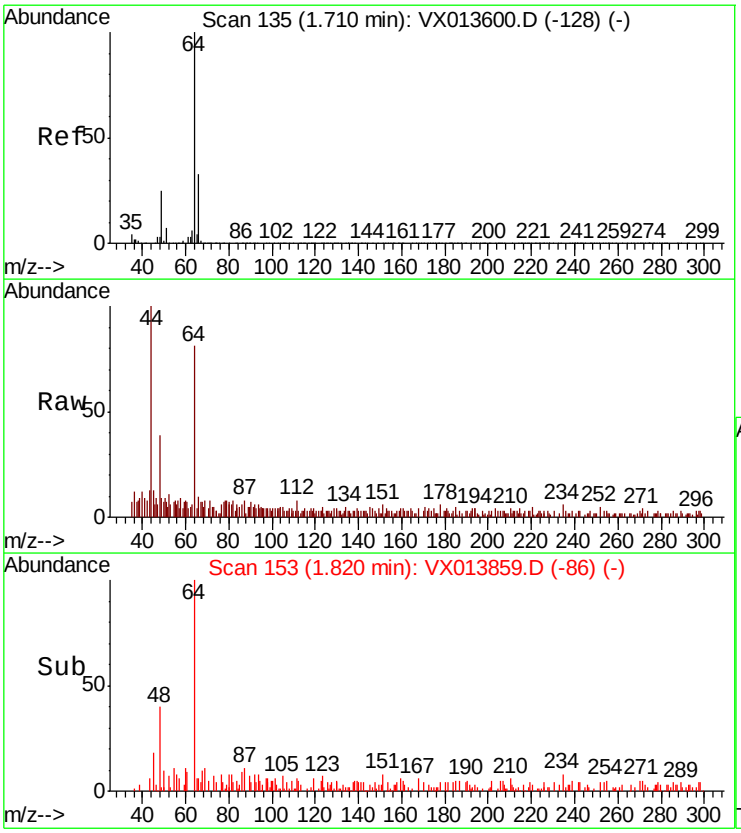
#5
Bromomethane
Concen: 0.281 ug/l
RT: 1.65 min Scan# 125
Delta R.T. 0.02 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20191205

Tgt Ion: 94 Resp: 1627

Ion	Ratio	Lower	Upper
94	100		
96	65.6	77.0	115.4#

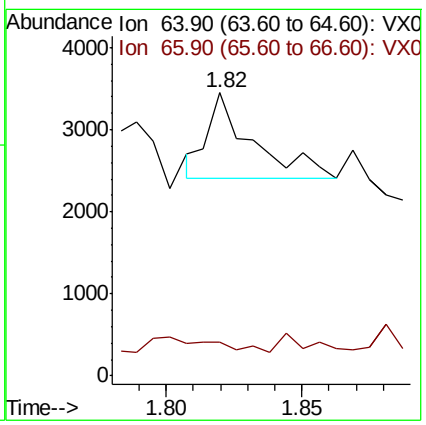


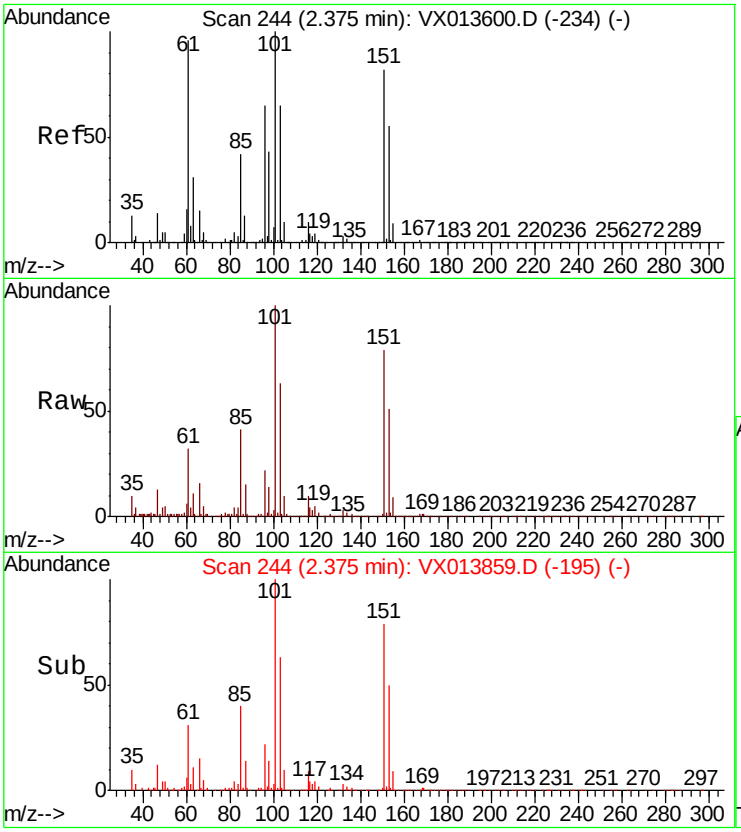


#6
Chloroethane
Concen: 0.242 ug/l
RT: 1.82 min Scan# 153
Delta R.T. 0.11 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Tgt Ion: 64 Resp: 1183

Ion	Ratio	Lower	Upper
64	100		
66	7.9	26.7	40.1#



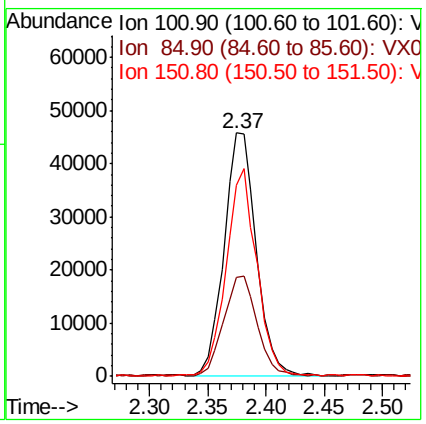


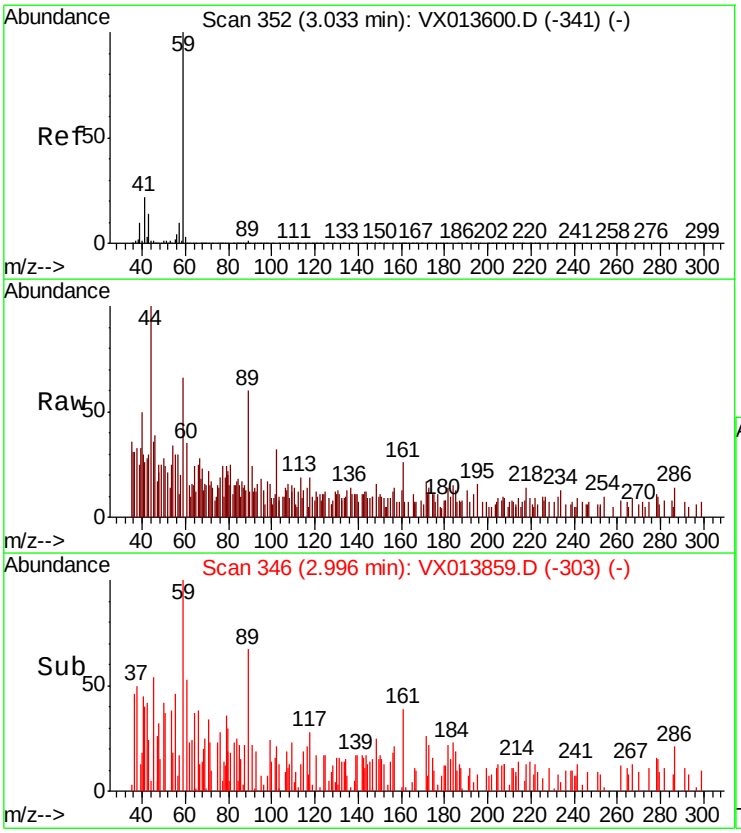
#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.082 ug/l
RT: 2.37 min Scan# 244
Delta R.T. -0.00 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20191205

Tgt Ion:101 Resp: 88058

Ion	Ratio	Lower	Upper
101	100		
85	42.8	33.9	50.9
151	81.5	64.2	96.2

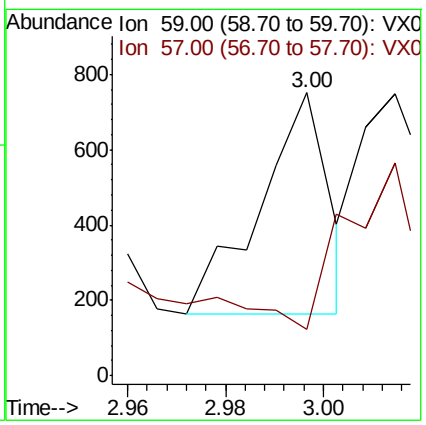


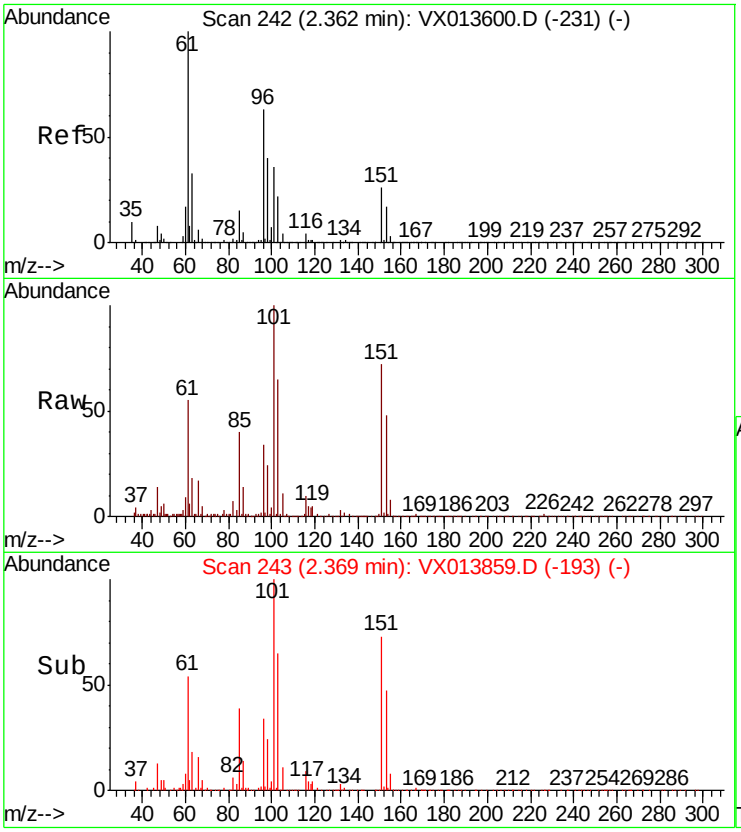


#11
Tert butyl alcohol
Concen: 0.327 ug/l
RT: 3.00 min Scan# 346
Delta R.T. -0.04 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Tgt Ion: 59 Resp: 573

Ion	Ratio	Lower	Upper
59	100		
57	229.5	7.8	11.6#



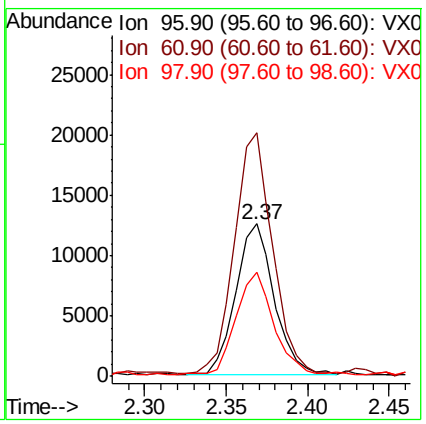


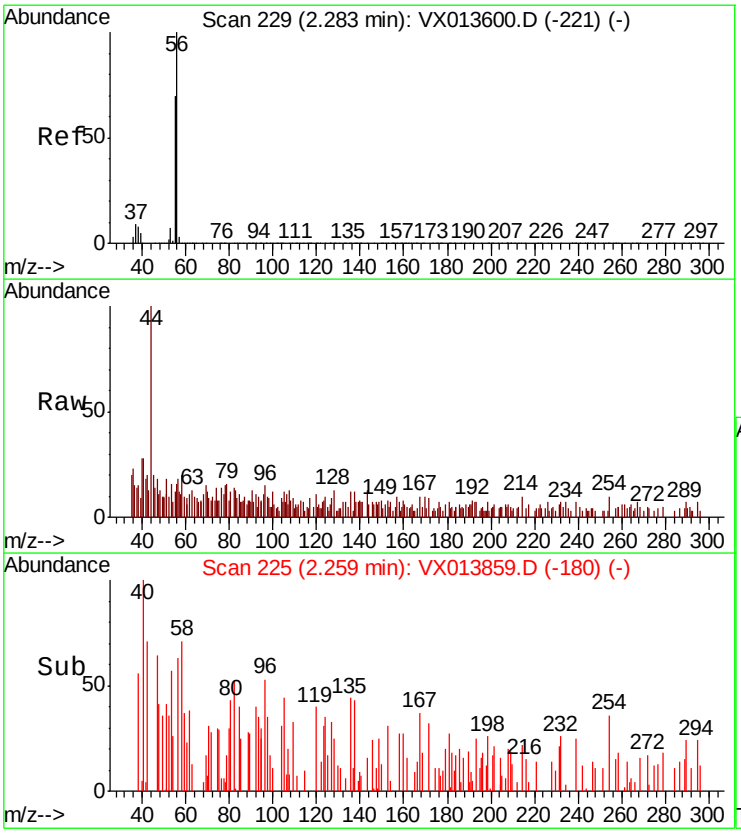
#12
1,1-Dichloroethene
Concen: 3.512 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20191205

Tgt Ion: 96 Resp: 20468

Ion	Ratio	Lower	Upper
96	100		
61	159.9	126.6	190.0
98	67.7	50.6	76.0

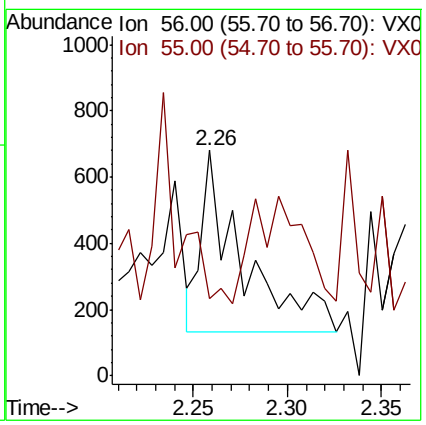


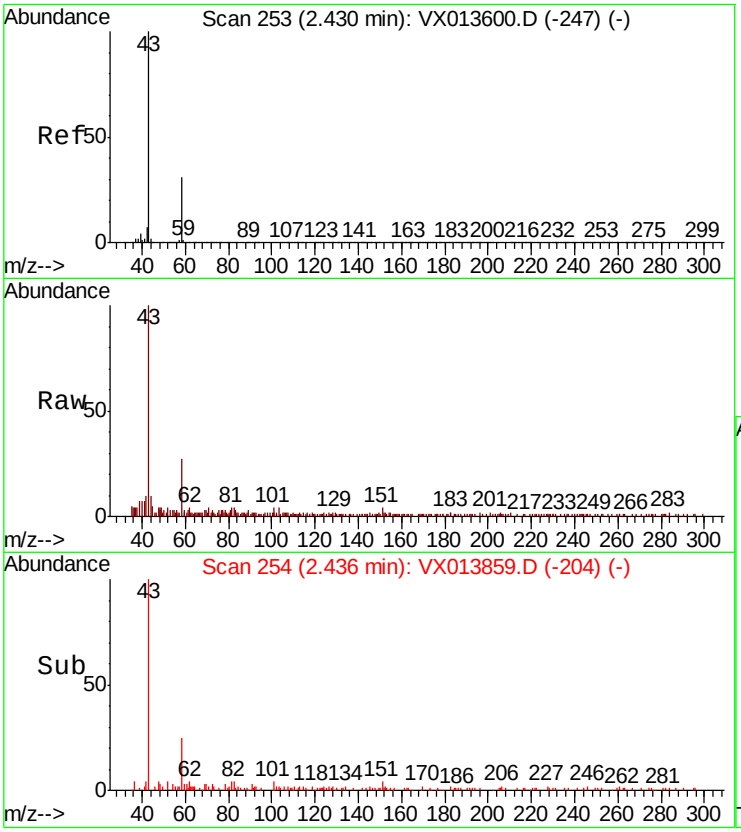


#13
Acrolein
Concen: 6.682 ug/l
RT: 2.26 min Scan# 225
Delta R.T. -0.02 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Tgt Ion: 56 Resp: 816

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.2	84.4#



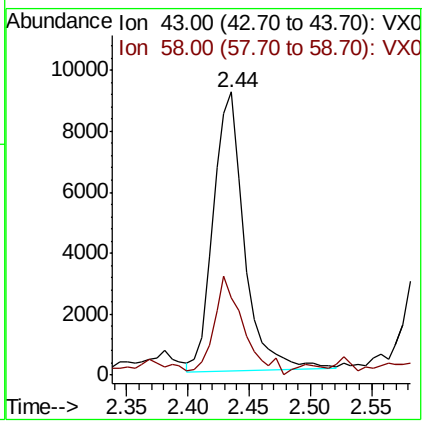


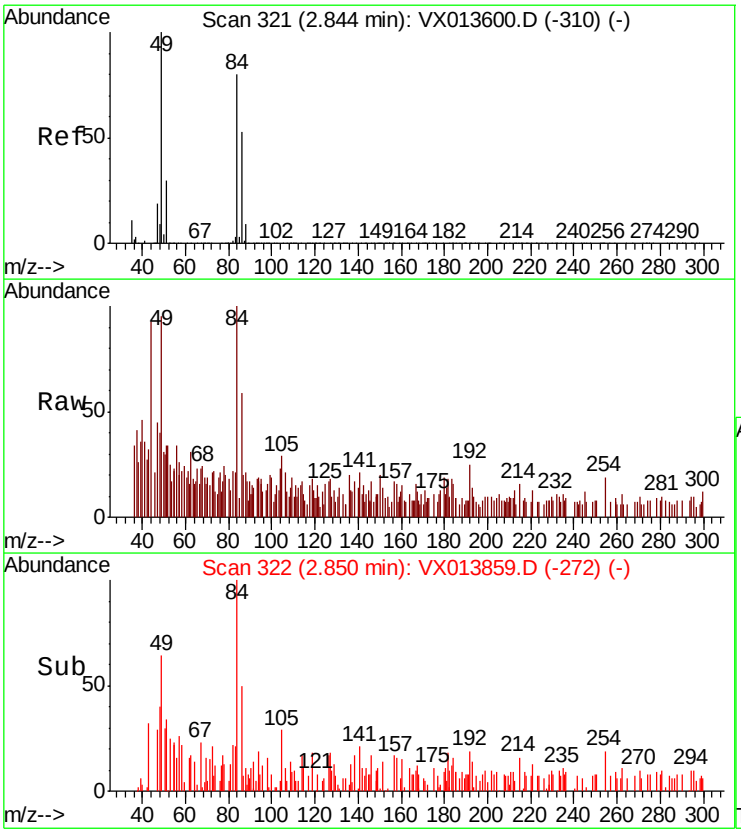
#16
Acetone
Concen: 4.621 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Instrument : MSVOA_X
ClientSampleId : RE132D7-20191205

Tgt Ion: 43 Resp: 16218

Ion	Ratio	Lower	Upper
43	100		
58	26.3	24.6	36.8

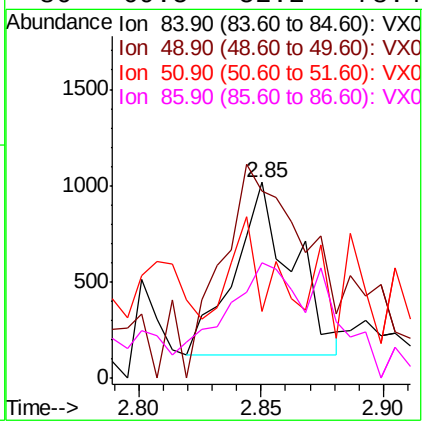


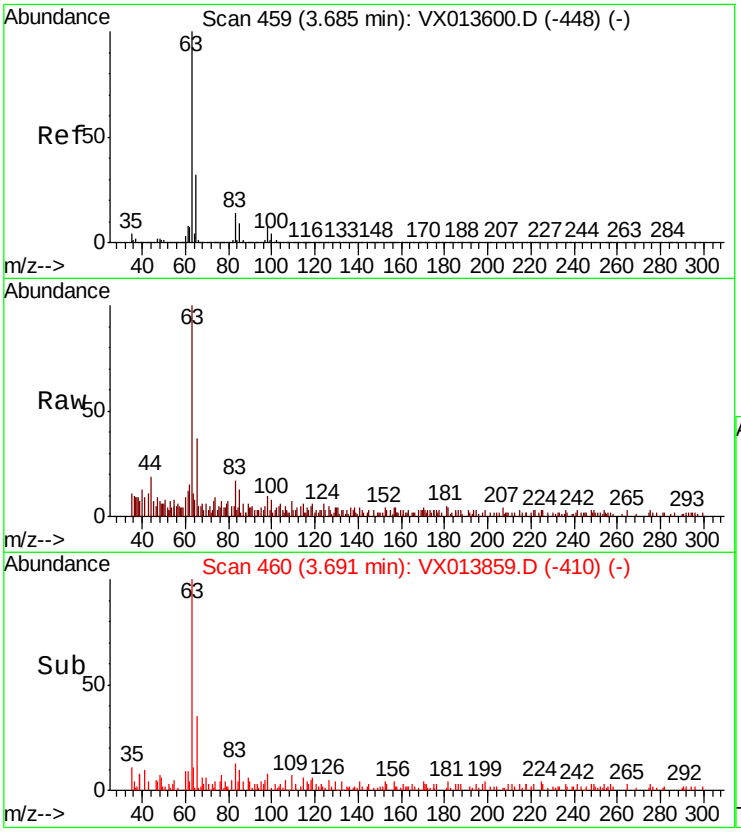


#20
Methylene Chloride
Concen: 0.220 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Tgt Ion: 84 Resp: 1480

Ion	Ratio	Lower	Upper
84	100		
49	108.5	99.7	149.5
51	15.9	29.9	44.9#
86	69.5	52.2	78.4



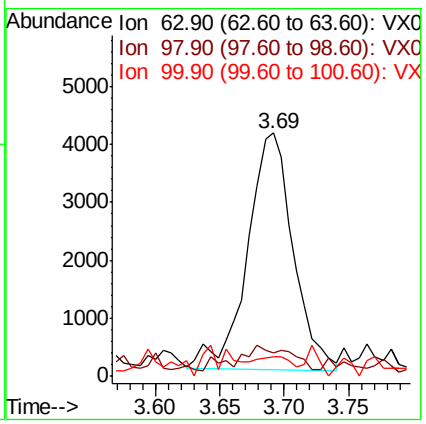


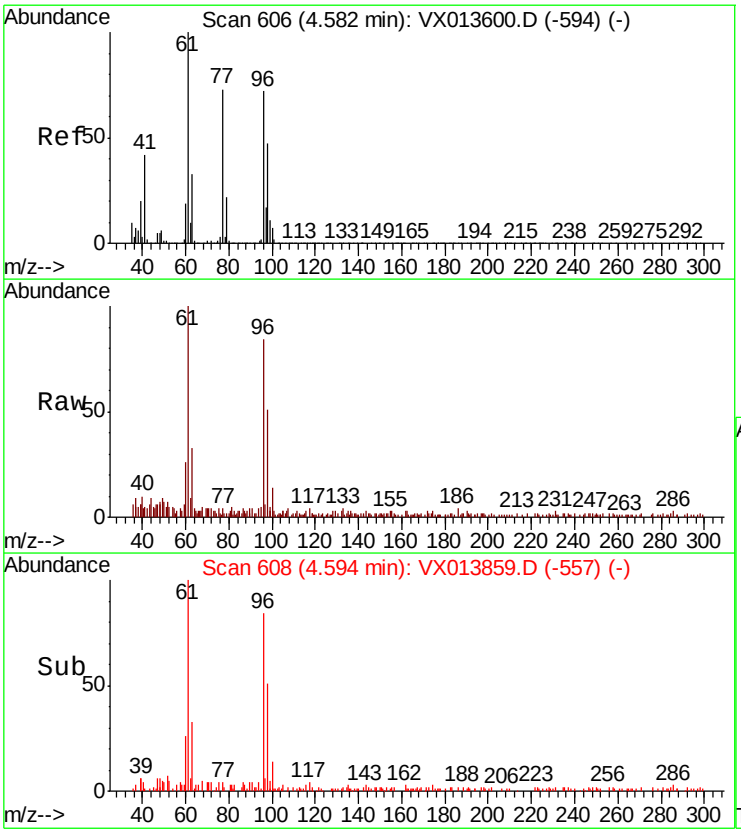
#24
1,1-Dichloroethane
Concen: 0.899 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.01 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Instrument : MSVOA_X
ClientSampleId : RE132D7-20191205

Tgt Ion: 63 Resp: 10004

Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.5	10.4
100	6.6	2.1	6.3#

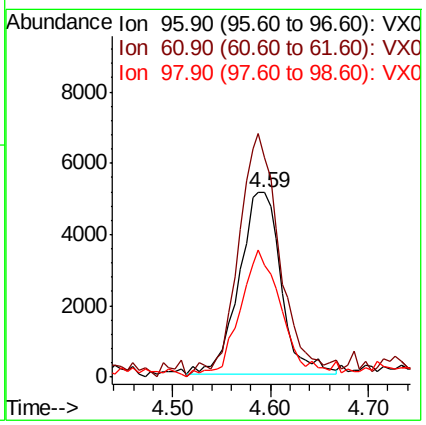


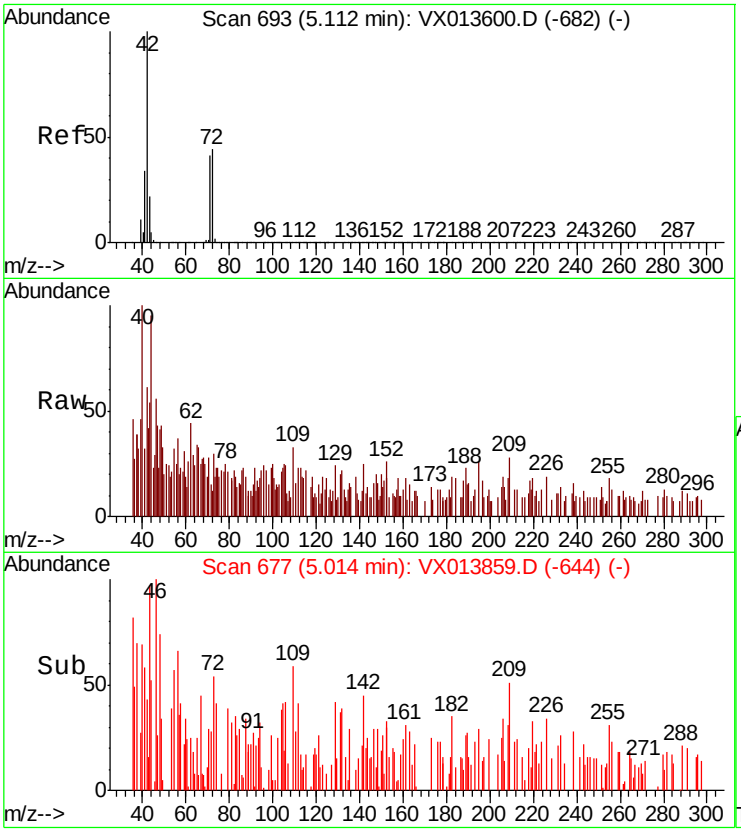


#27
cis-1,2-Dichloroethene
Concen: 2.106 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Tgt Ion: 96 Resp: 15354

Ion	Ratio	Lower	Upper
96	100		
61	133.5	0.0	286.4
98	69.7	0.0	127.4



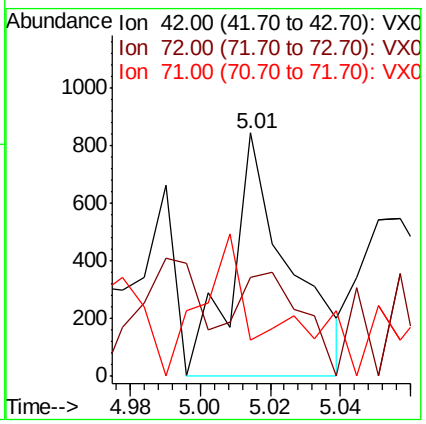


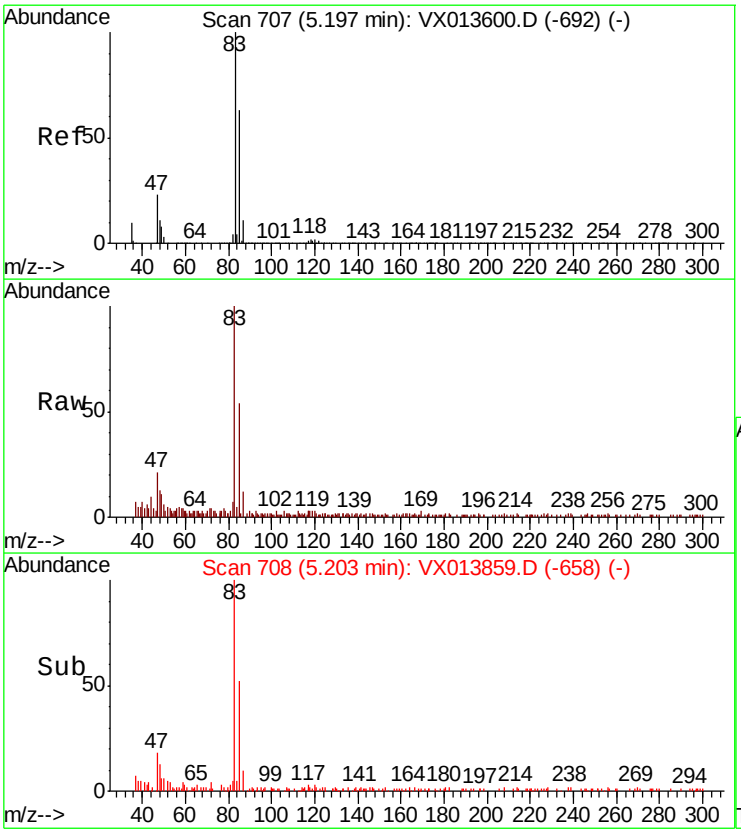
#29
Tetrahydrofuran
Concen: 0.300 ug/l
RT: 5.01 min Scan# 677
Delta R.T. -0.10 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20191205

Tgt Ion: 42 Resp: 964

Ion	Ratio	Lower	Upper
42	100		
72	43.7	36.3	54.5
71	48.1	33.2	49.8

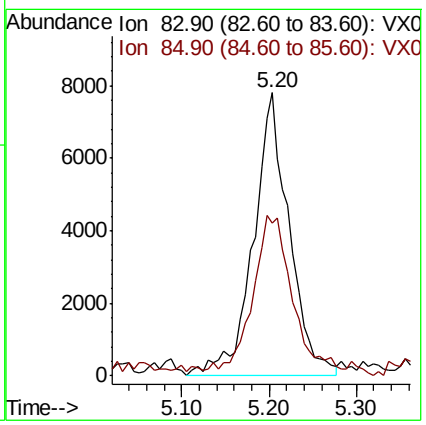


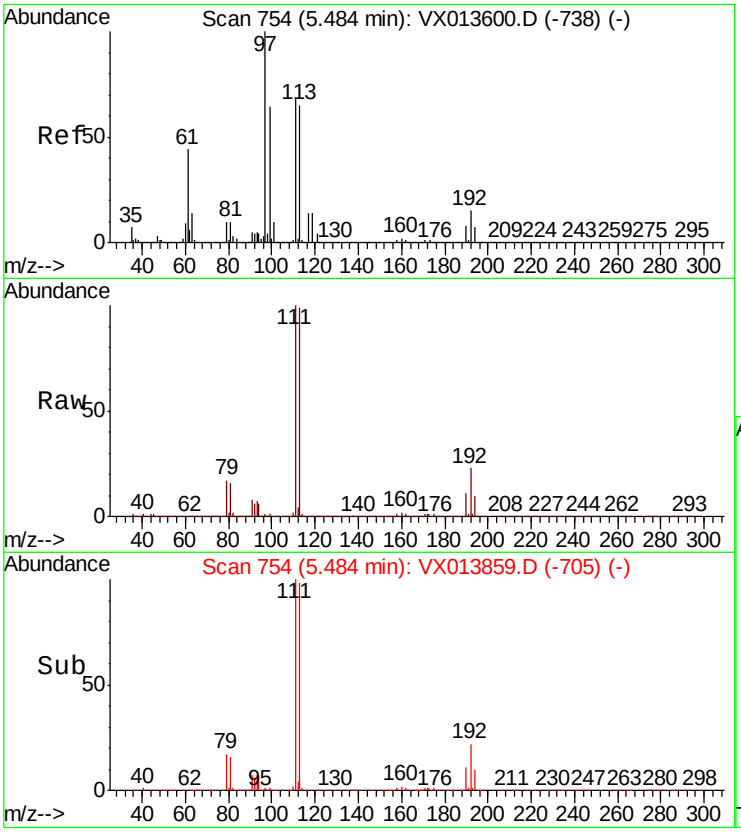


#30
Chloroform
Concen: 1.981 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Tgt Ion: 83 Resp: 22370

Ion	Ratio	Lower	Upper
83	100		
85	52.6	50.2	75.4



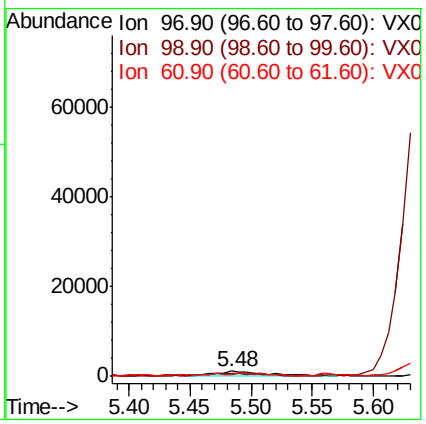


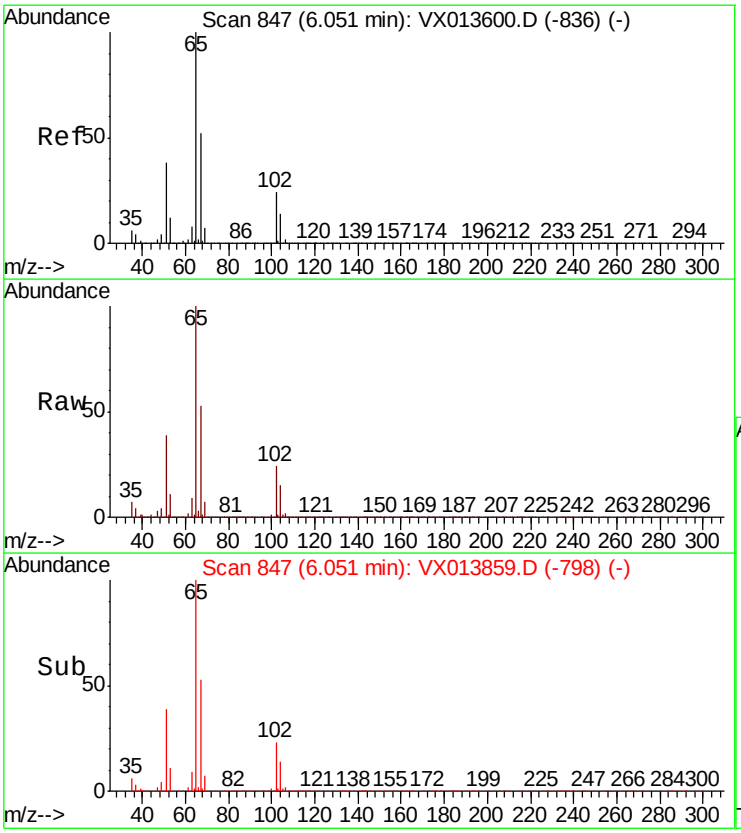
#32
1,1,1-Trichloroethane
Concen: 0.333 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20191205

Tgt Ion: 97 Resp: 3139

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

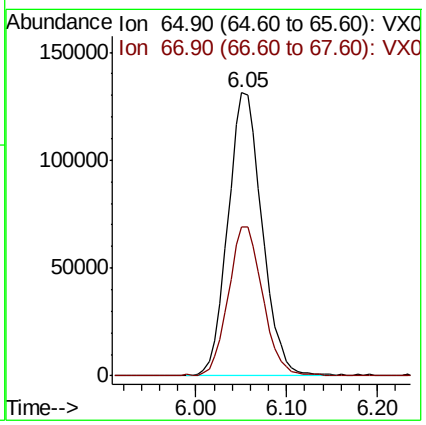


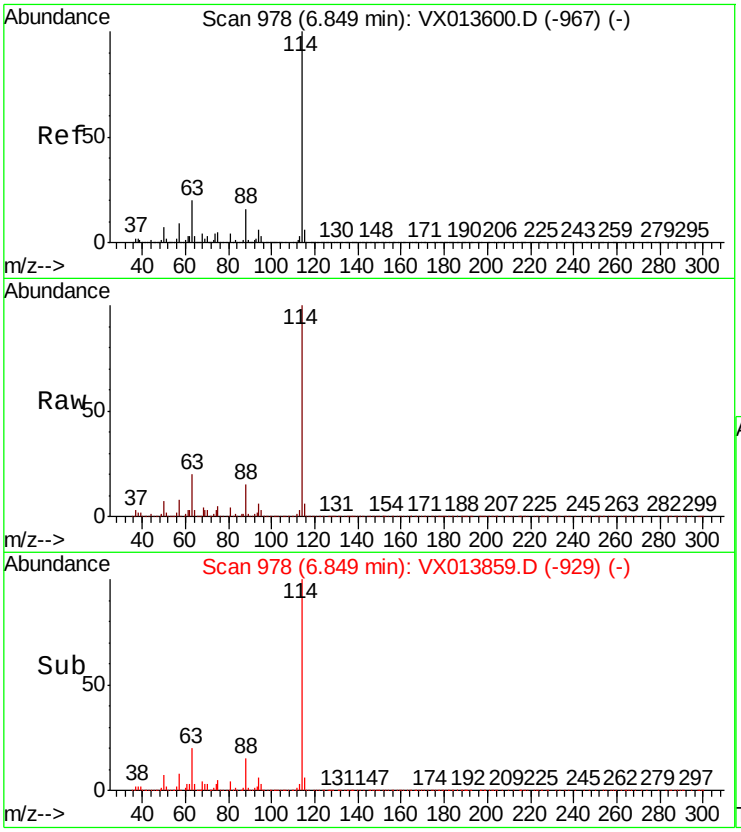


#33
1,2-Dichloroethane-d4
Concen: 47.966 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Tgt Ion: 65 Resp: 340959

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	104.4



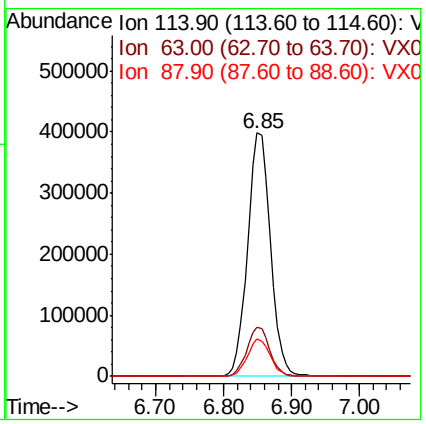


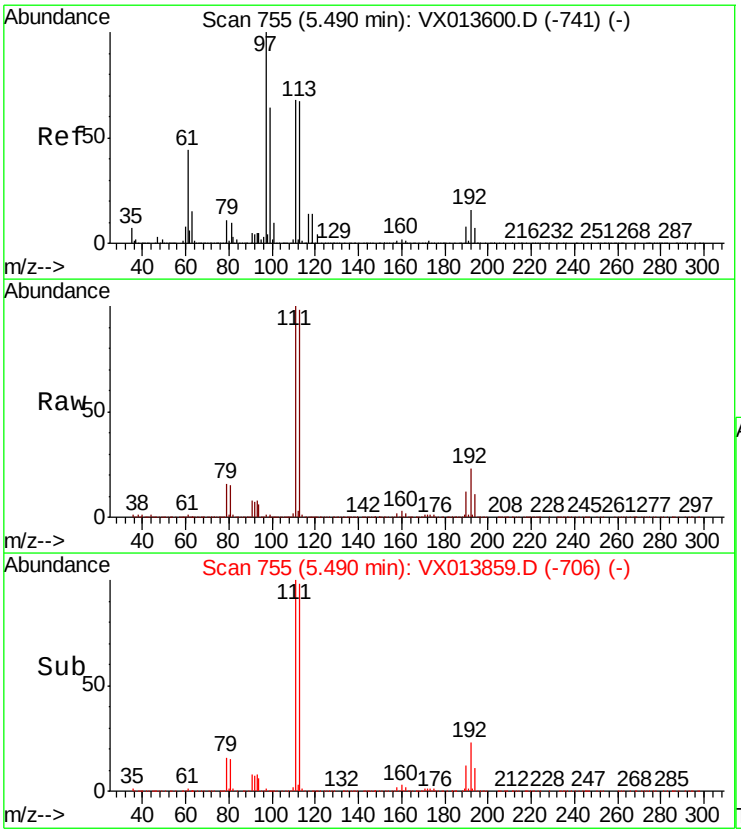
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20191205

Tgt Ion:114 Resp: 936100

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

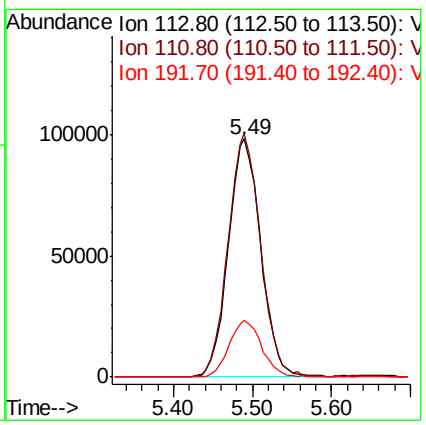


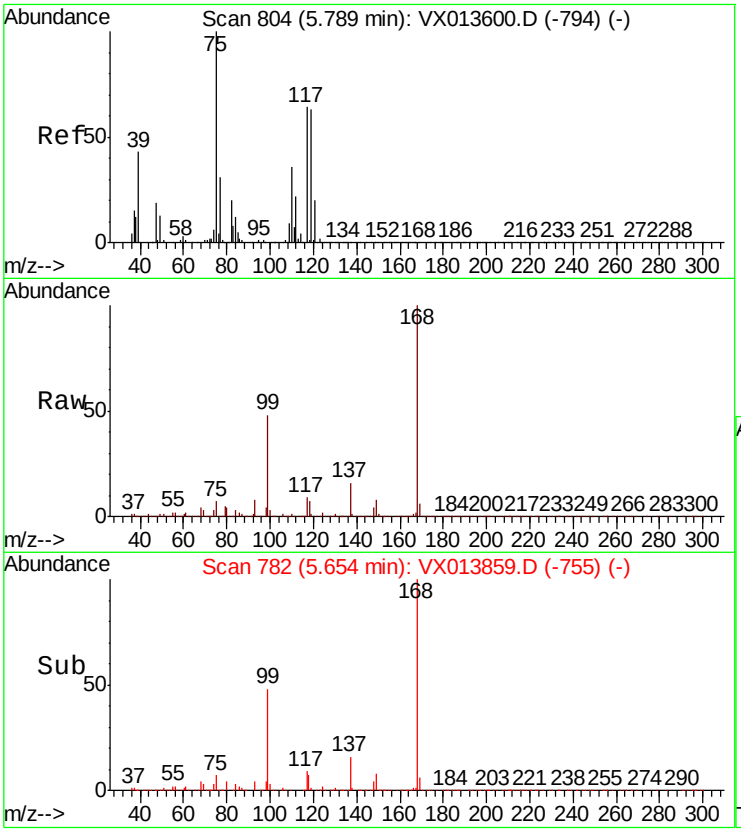


#35
Dibromofluoromethane
Concen: 48.283 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Tgt Ion:113 Resp: 279420

Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.6	125.4
192	24.1	19.2	28.8



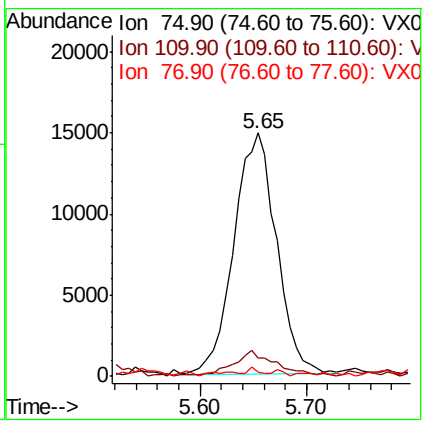


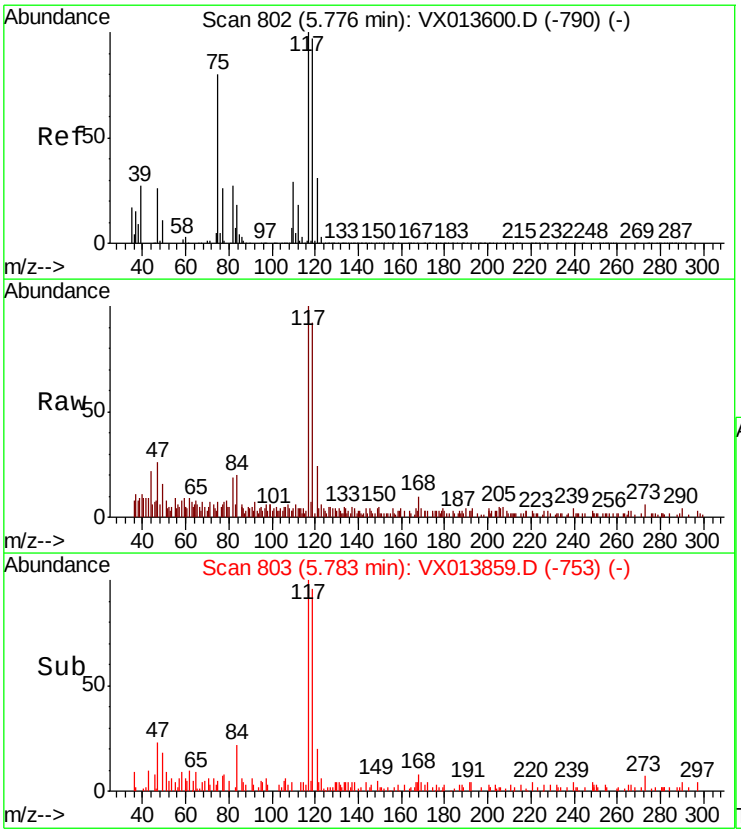
#36
1,1-Dichloropropene
Concen: 4.902 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Instrument : MSVOA_X
ClientSampleId : RE132D7-20191205

Tgt Ion: 75 Resp: 41654

Ion	Ratio	Lower	Upper
75	100		
110	11.2	18.1	54.1#
77	0.6	24.5	36.7#

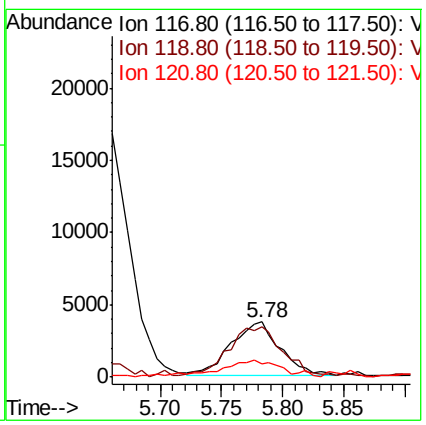


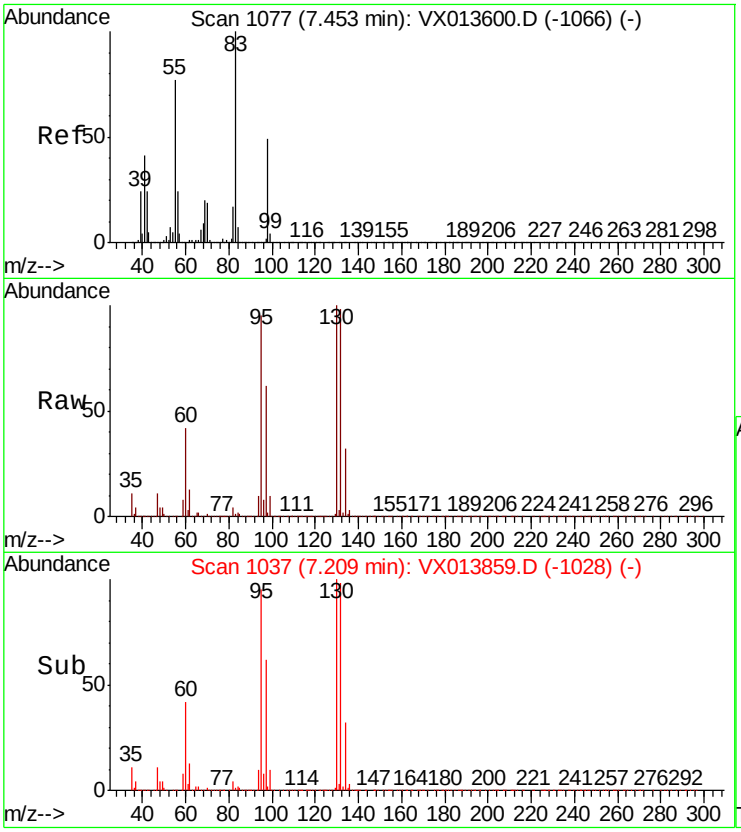


#38
Carbon Tetrachloride
Concen: 1.342 ug/l
RT: 5.78 min Scan# 803
Delta R.T. 0.01 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Tgt Ion:117 Resp: 10512

Ion	Ratio	Lower	Upper
117	100		
119	91.1	77.5	116.3
121	20.2	25.0	37.6#



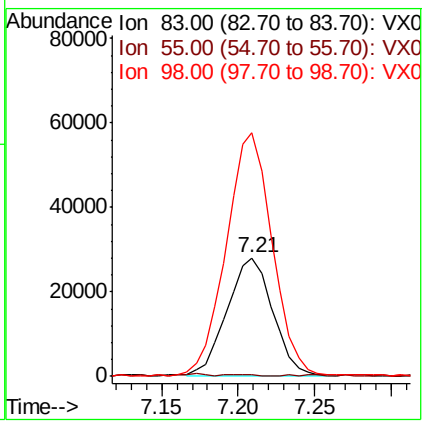


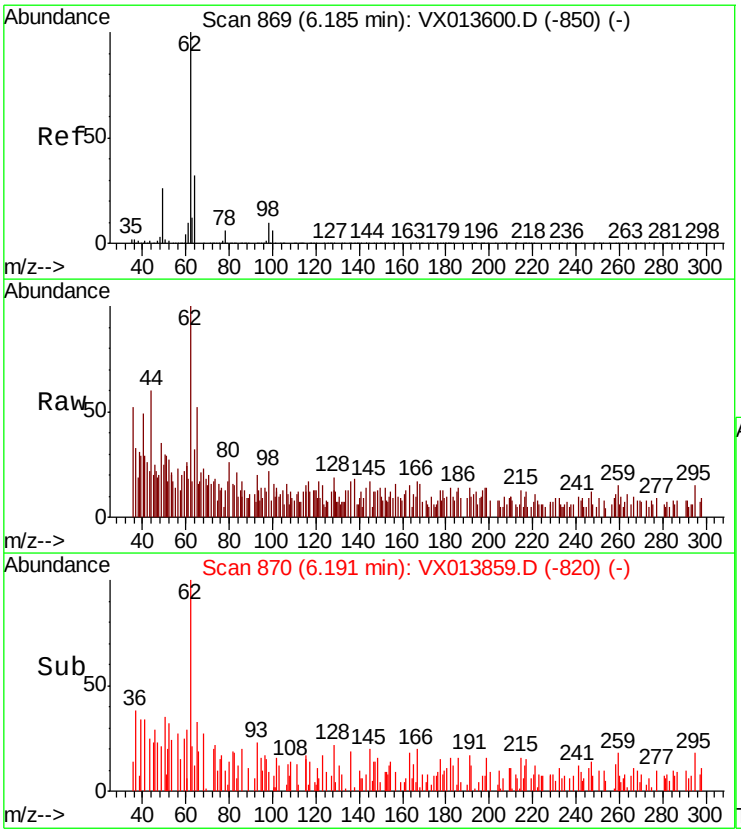
#39
Methylcyclohexane
Concen: 5.466 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.24 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20191205

Tgt Ion: 83 Resp: 57414

Ion	Ratio	Lower	Upper
83	100		
55	0.5	61.9	92.9#
98	205.6	39.4	59.0#

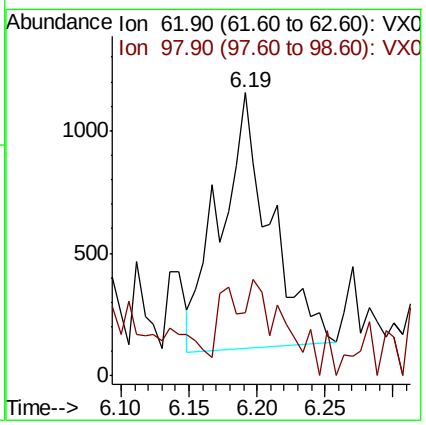


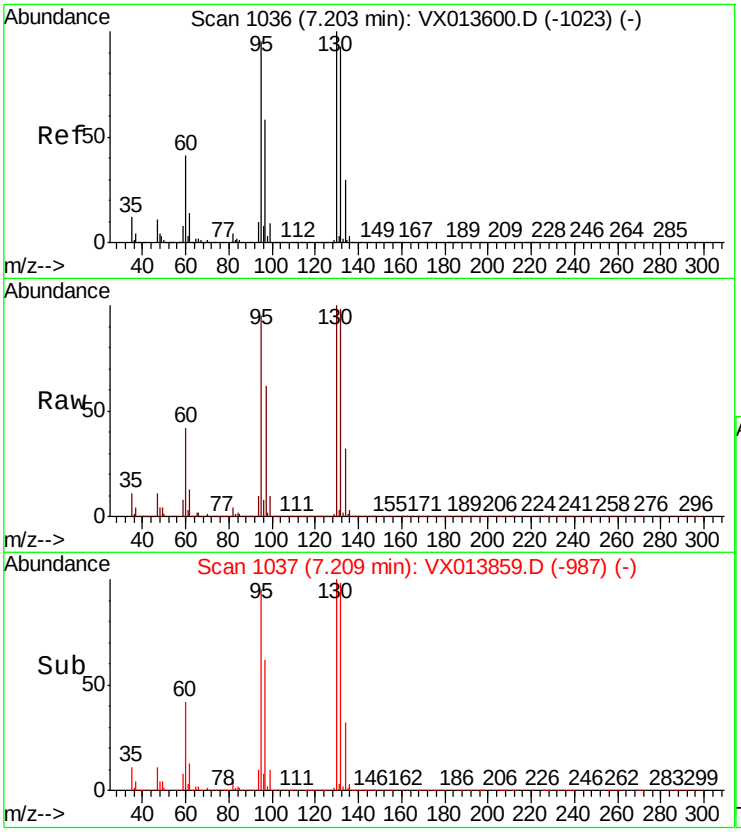


#42
1,2-Dichloroethane
Concen: 0.302 ug/l
RT: 6.19 min Scan# 870
Delta R.T. 0.01 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Tgt Ion: 62 Resp: 2662

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.8



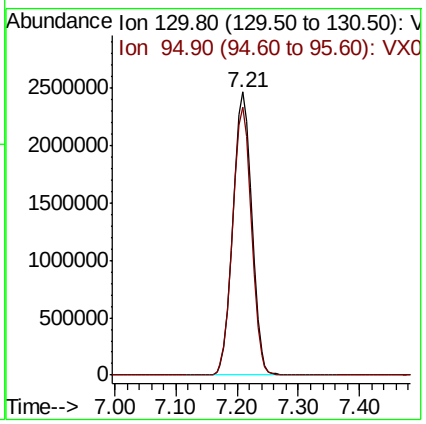


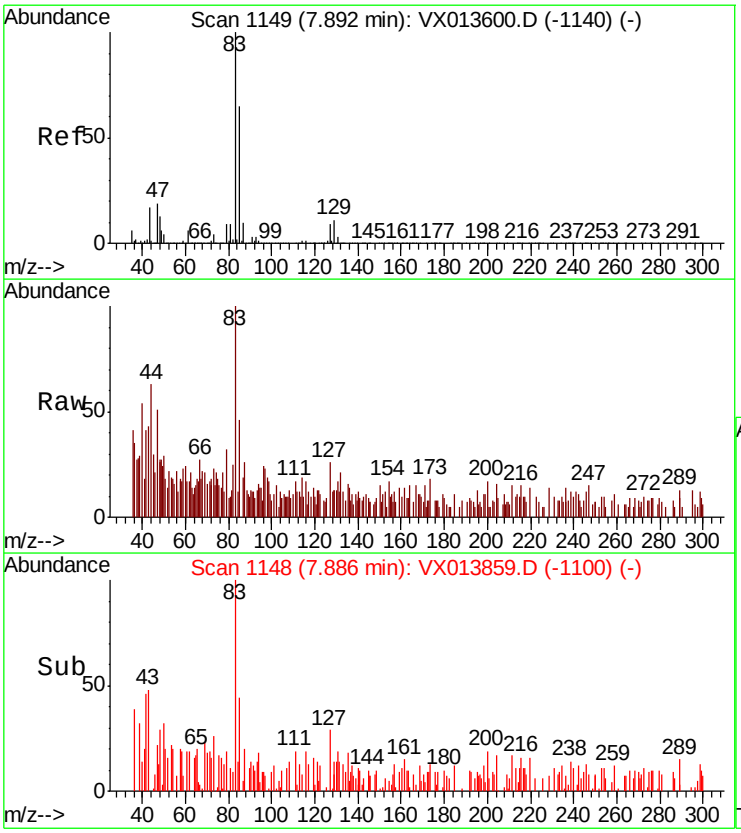
#44
Trichloroethene
Concen: 730.652 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20191205

Tgt Ion:130 Resp: 5189668

Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	190.8

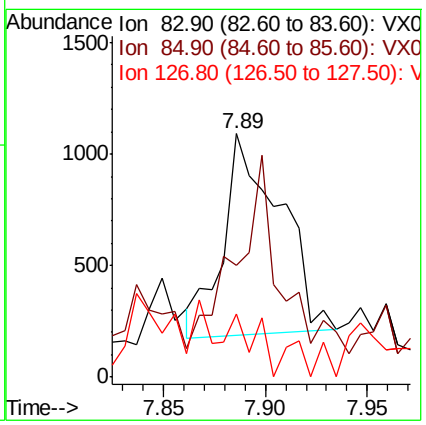


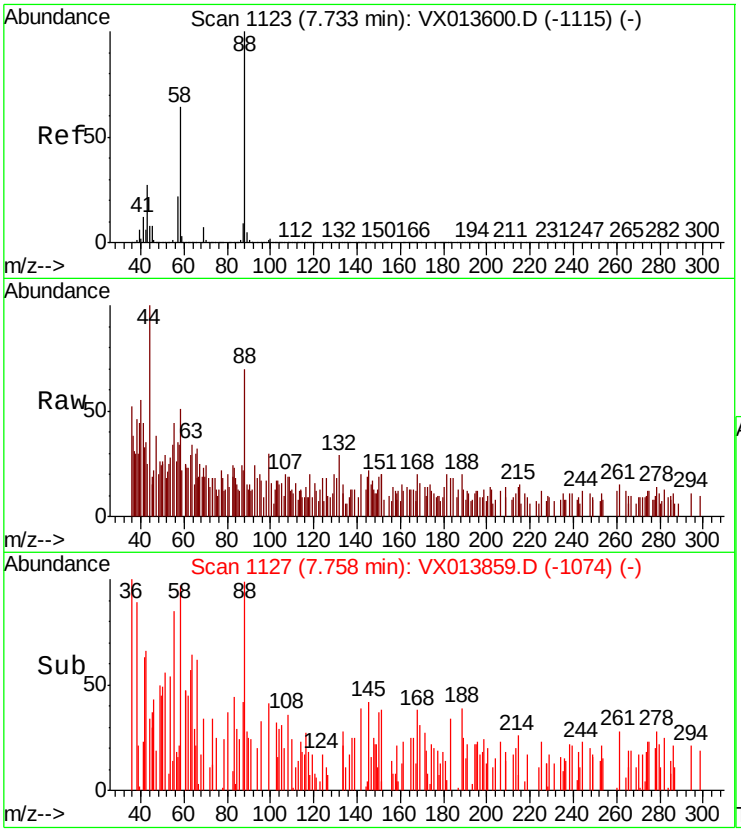


#47
Bromodichloromethane
Concen: 0.210 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Tgt Ion: 83 Resp: 1747

Ion	Ratio	Lower	Upper
83	100		
85	47.3	52.1	78.1#
127	23.9	7.0	10.4#



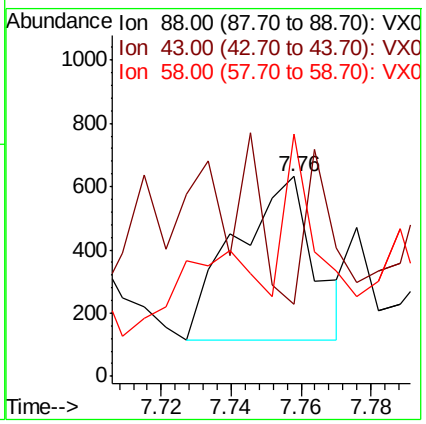


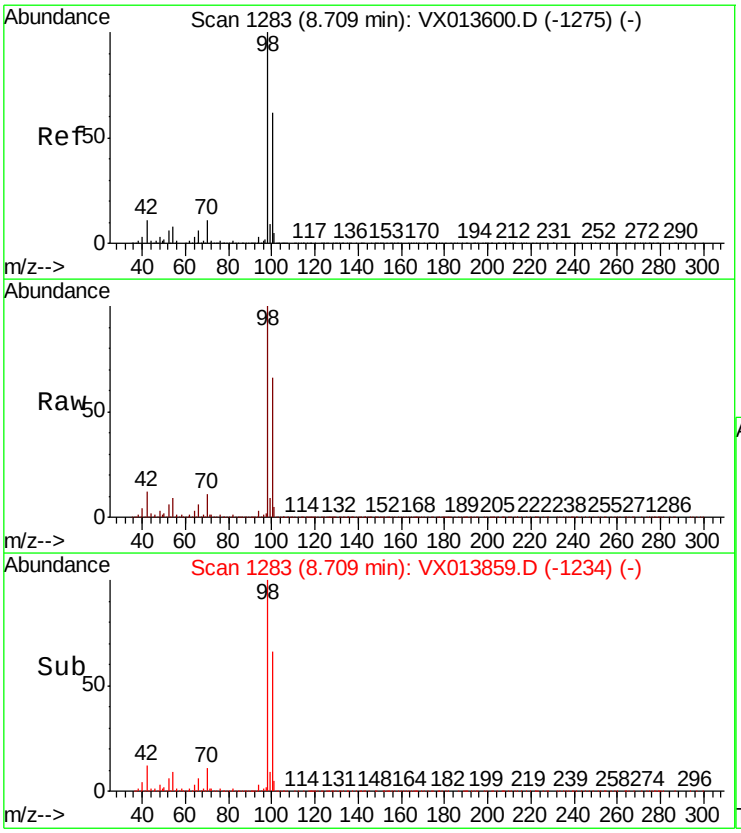
#49
1,4-Dioxane
Concen: 4.699 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. 0.02 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Instrument : MSVOA_X
ClientSampleId : RE132D7-20191205

Tgt Ion: 88 Resp: 802

Ion	Ratio	Lower	Upper
88	100		
43	47.8	25.8	38.6#
58	45.5	54.6	82.0#

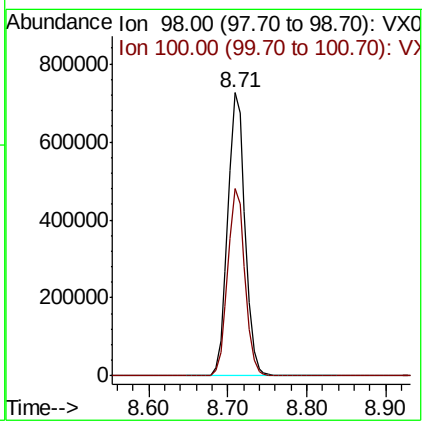


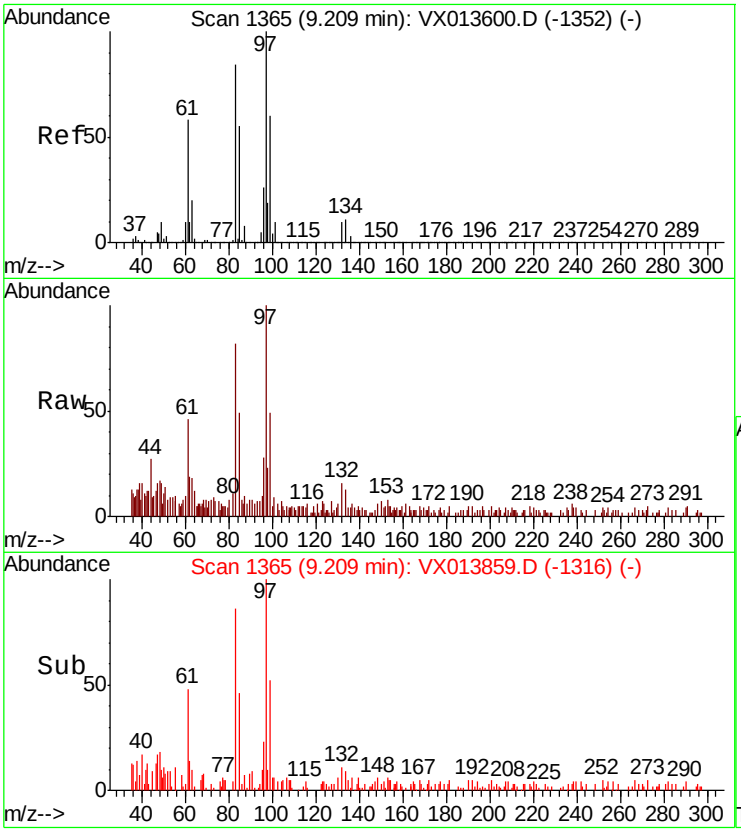


#50
Toluene-d8
Concen: 49.107 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Tgt Ion: 98 Resp: 1107222

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.1	79.7



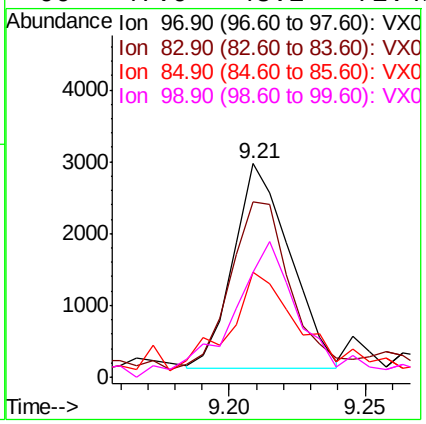


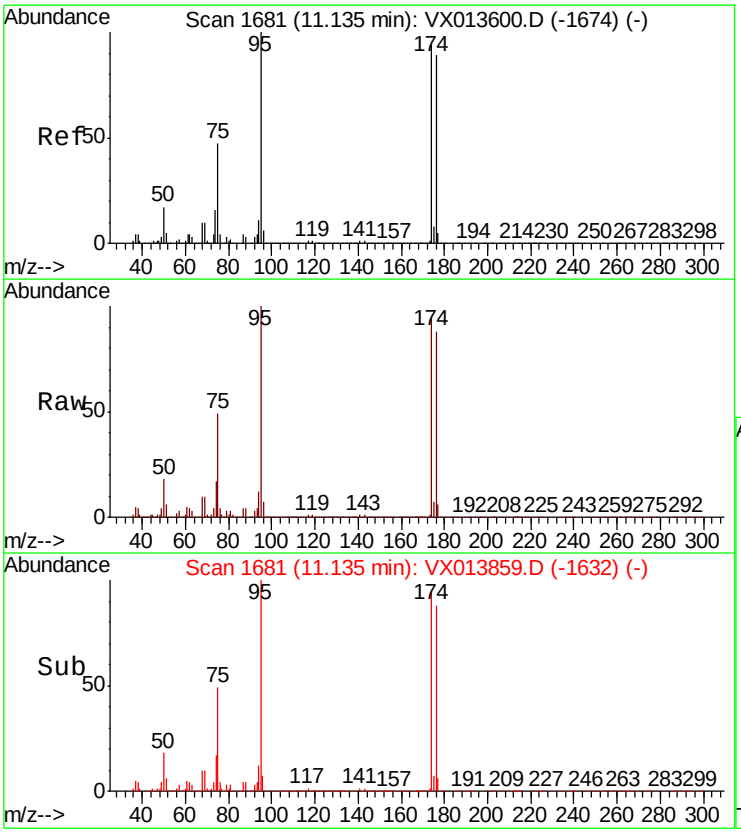
#55
1,1,2-Trichloroethane
Concen: 0.631 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20191205

Tgt Ion: 97 Resp: 4087

Ion	Ratio	Lower	Upper
97	100		
83	81.6	67.3	100.9
85	45.0	43.6	65.4
99	47.9	48.2	72.4#

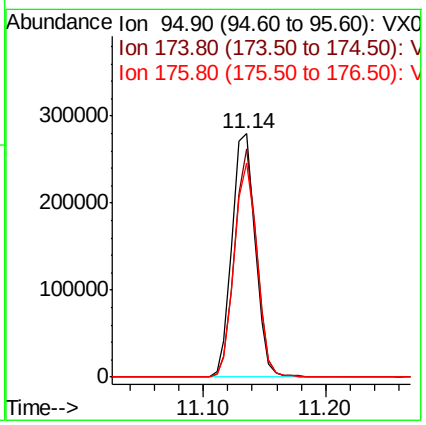


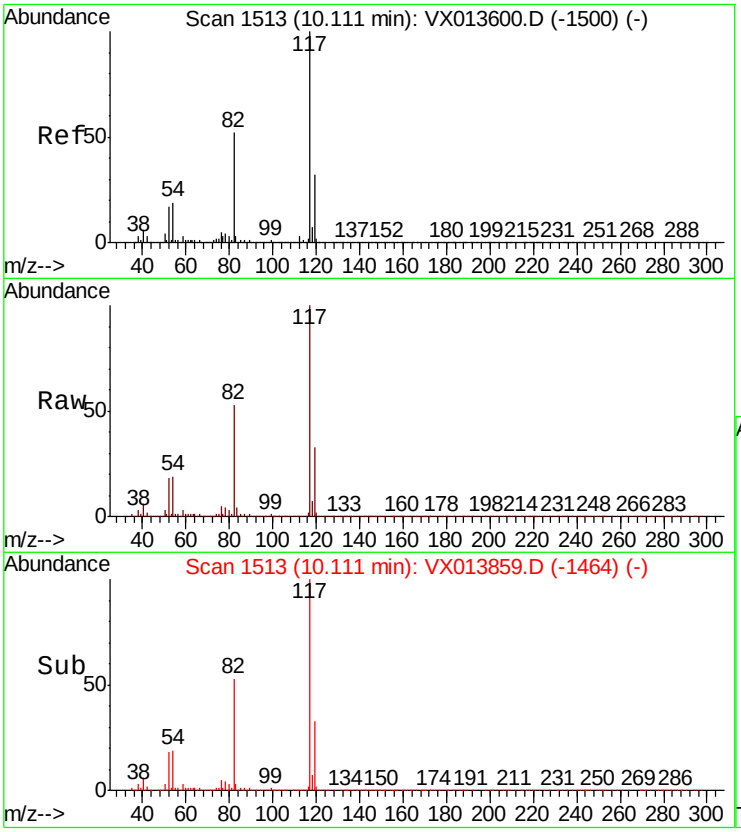


#62
4-Bromofluorobenzene
Concen: 45.108 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Tgt Ion: 95 Resp: 366757

Ion	Ratio	Lower	Upper
95	100		
174	88.6	0.0	180.0
176	85.8	0.0	173.6



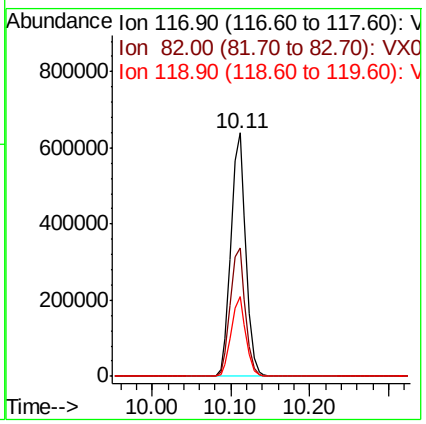


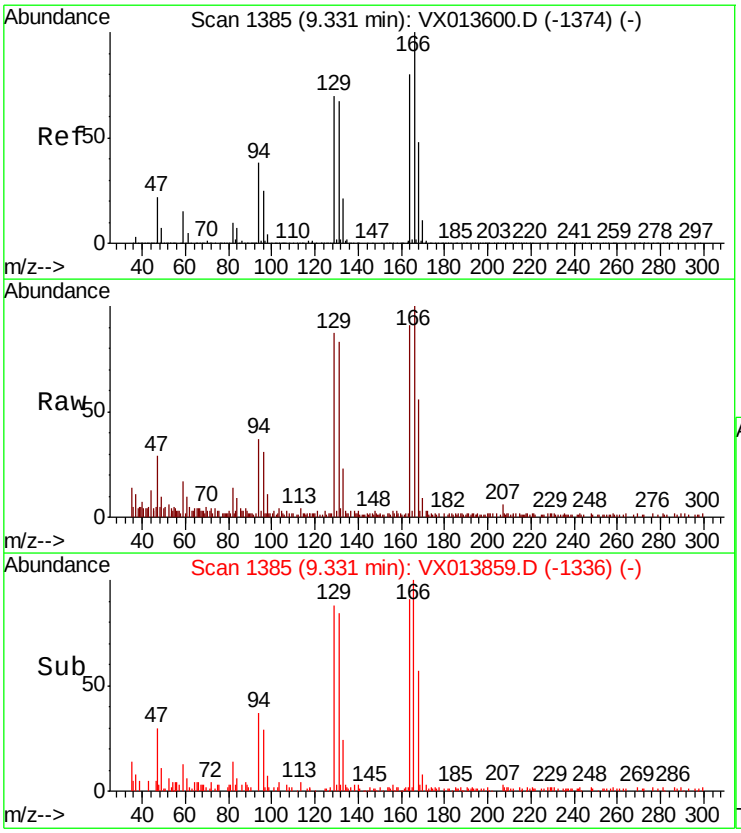
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Instrument : MSVOA_X
ClientSampleId : RE132D7-20191205

Tgt Ion:117 Resp: 839530

Ion	Ratio	Lower	Upper
117	100		
82	52.8	41.8	62.8
119	32.6	25.8	38.8

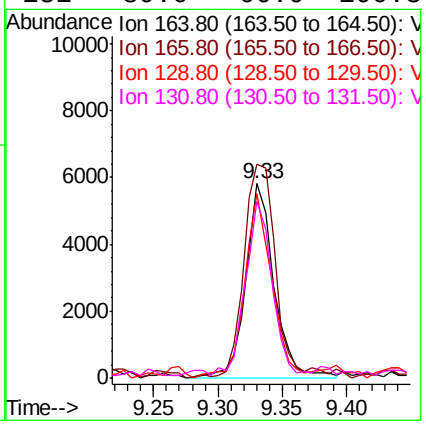


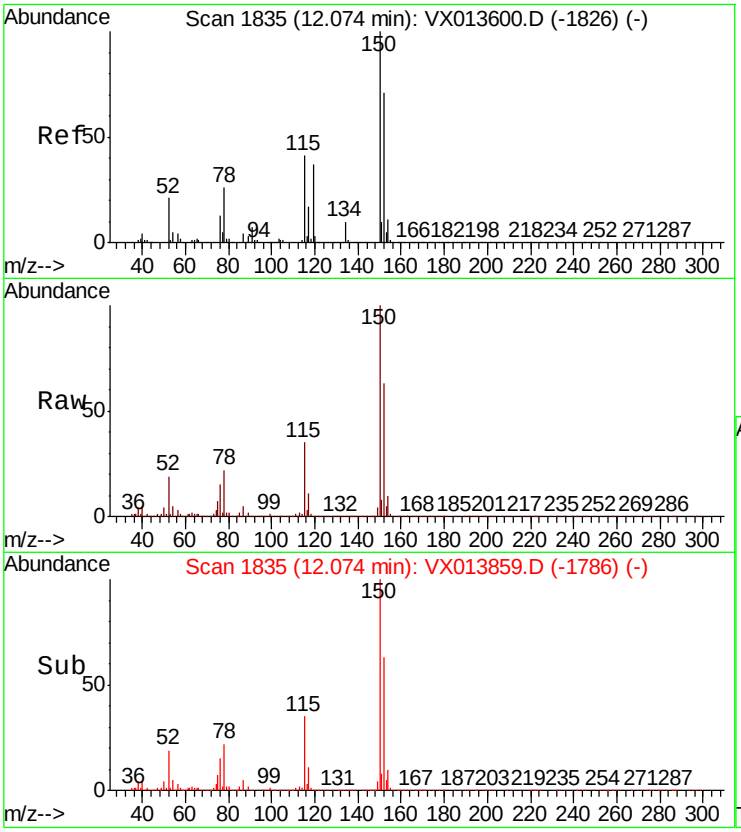


#64
Tetrachloroethene
Concen: 1.400 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Tgt Ion:164 Resp: 8764

Ion	Ratio	Lower	Upper
164	100		
166	110.0	99.7	149.5
129	93.1	70.1	105.1
131	89.0	66.9	100.3



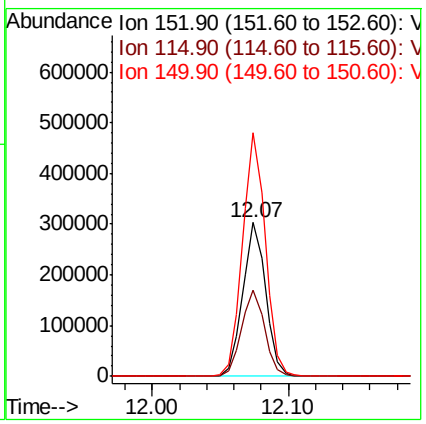


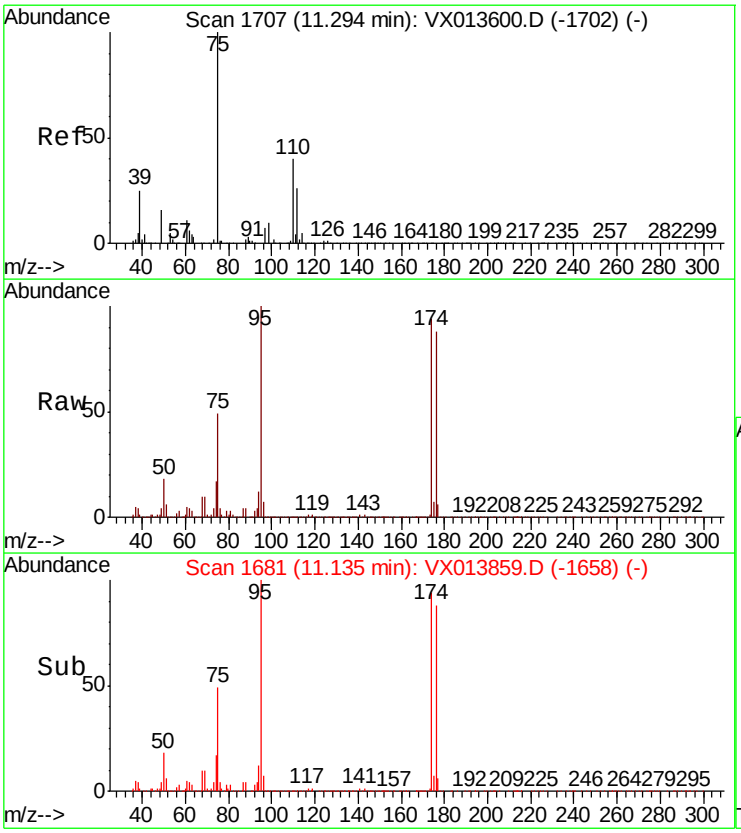
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20191205

Tgt Ion:152 Resp: 357222

Ion	Ratio	Lower	Upper
152	100		
115	56.4	38.4	115.1
150	157.5	0.0	346.8

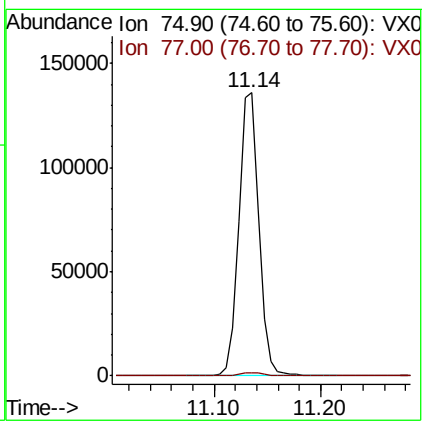


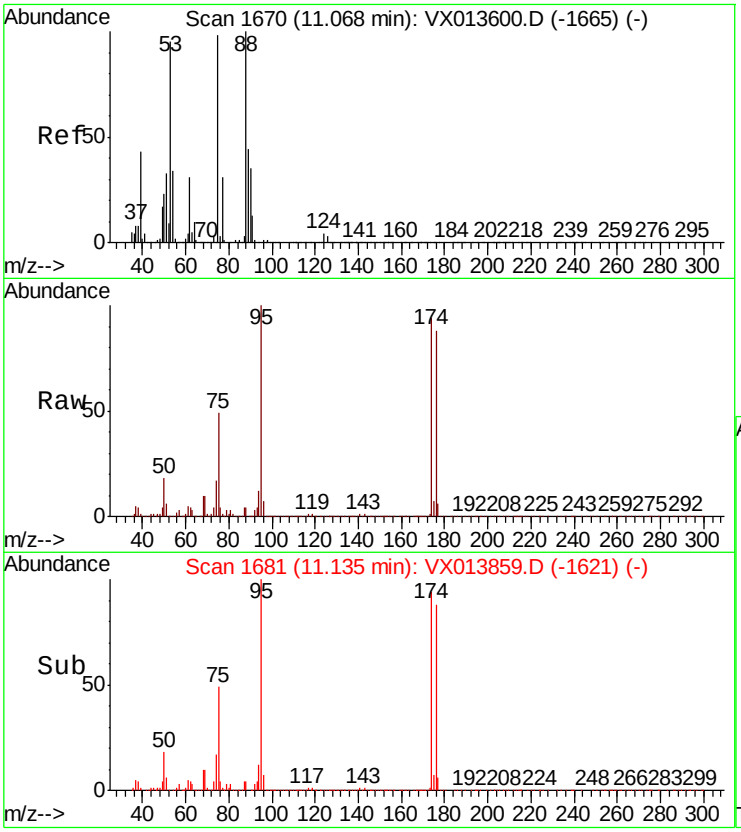


#76
1,2,3-Trichloropropane
Concen: 22.324 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Tgt Ion: 75 Resp: 179362

Ion	Ratio	Lower	Upper
75	100		
77	1.6	19.1	57.5#



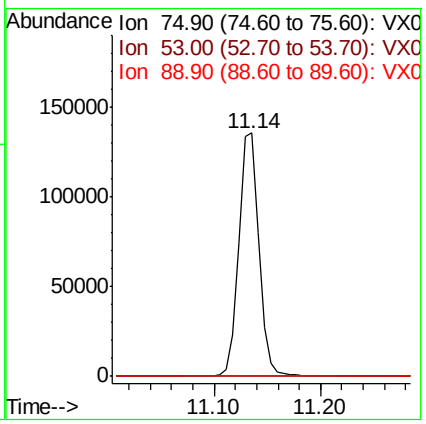


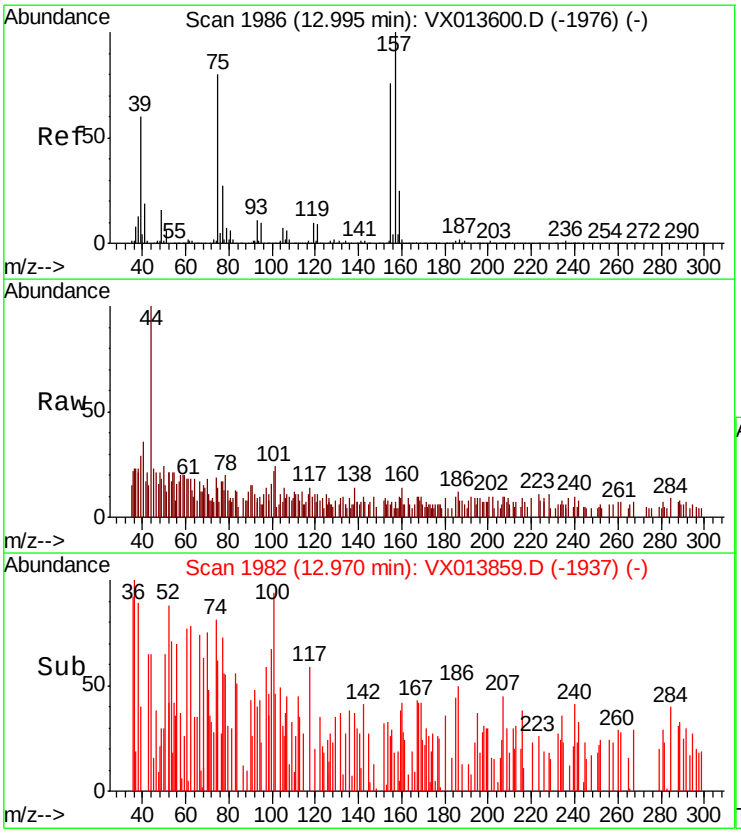
#81
trans-1,4-Dichloro-2-butene
Concen: 61.074 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20191205

Tgt Ion: 75 Resp: 179362

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





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.253 ug/l
RT: 12.97 min Scan# 1982
Delta R.T. -0.02 min
Lab File: VX013859.D
Acq: 09 Dec 2019 18:30

Tgt Ion: 75 Resp: 479

Ion	Ratio	Lower	Upper
75	100		
155	52.8	47.6	142.8
157	33.0	62.1	186.2#