Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120619\
Data File : VX013828.D
Acq On : 07 Dec 2019 03:07
Operator : JC/SP
Sample : K6185-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TT101D-20191205

Quant Time: Dec 07 05:44:30 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	610879	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	924551	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	833171	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	360673	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	337156	47.55	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.10%				
35) Dibromofluoromethane	5.49	113	280232	49.03	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.06%				
50) Toluene-d8	8.71	98	1103589	49.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.12%				
62) 4-Bromofluorobenzene	11.14	95	365813	45.55	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	8768	1.290	ug/l		99
3) Chloromethane	1.32	50	1815	0.238	ug/l	#	84
6) Chloroethane	1.69	64	2297	0.470	ug/l	#	42
9) 1,1,2-Trichlorotrifluoroet	2.37	101	82775	14.212	ug/l		99
11) Tert butyl alcohol	3.02	59	3698	2.113	ug/l	#	94
12) 1,1-Dichloroethene	2.37	96	16217	2.790	ug/l		90
13) Acrolein	2.28	56	696	6.584	ug/l	#	15
16) Acetone	2.43	43	8175	2.335	ug/l		98
18) Methyl Acetate	2.59	43	23365	2.397	ug/l	#	52
19) Methyl tert-butyl Ether	3.19	73	5000	0.260	ug/l	#	85
20) Methylene Chloride	2.86	84	1730	0.257	ug/l	#	57
24) 1,1-Dichloroethane	3.69	63	9606	0.865	ug/l	#	96
27) cis-1,2-Dichloroethene	4.59	96	25024	3.441	ug/l		89
29) Tetrahydrofuran	5.25	42	1022	0.319	ug/l		97
30) Chloroform	5.20	83	5444	0.483	ug/l		87
31) Cyclohexane	5.64	56	11878	1.134	ug/l	#	1
32) 1,1,1-Trichloroethane	5.49	97	2425	0.258	ug/l	#	23
36) 1,1-Dichloropropene	5.65	75	41186	4.907	ug/l	#	52
38) Carbon Tetrachloride	5.65	117	52156	6.740	ug/l	#	15
42) 1,2-Dichloroethane	6.20	62	2045	0.235	ug/l		99
44) Trichloroethene	7.21	130	657234	93.688	ug/l		98
49) 1,4-Dioxane	7.73	88	3099	18.383	ug/l	#	78
55) 1,1,2-Trichloroethane	9.21	97	1548	0.242	ug/l	#	89
64) Tetrachloroethene	9.33	164	3939	0.634	ug/l		92
76) 1,2,3-Trichloropropane	11.13	75	178892	22.052	ug/l	#	40
81) trans-1,4-Dichloro-2-buten	11.13	75	178892	60.331	ug/l	#	11

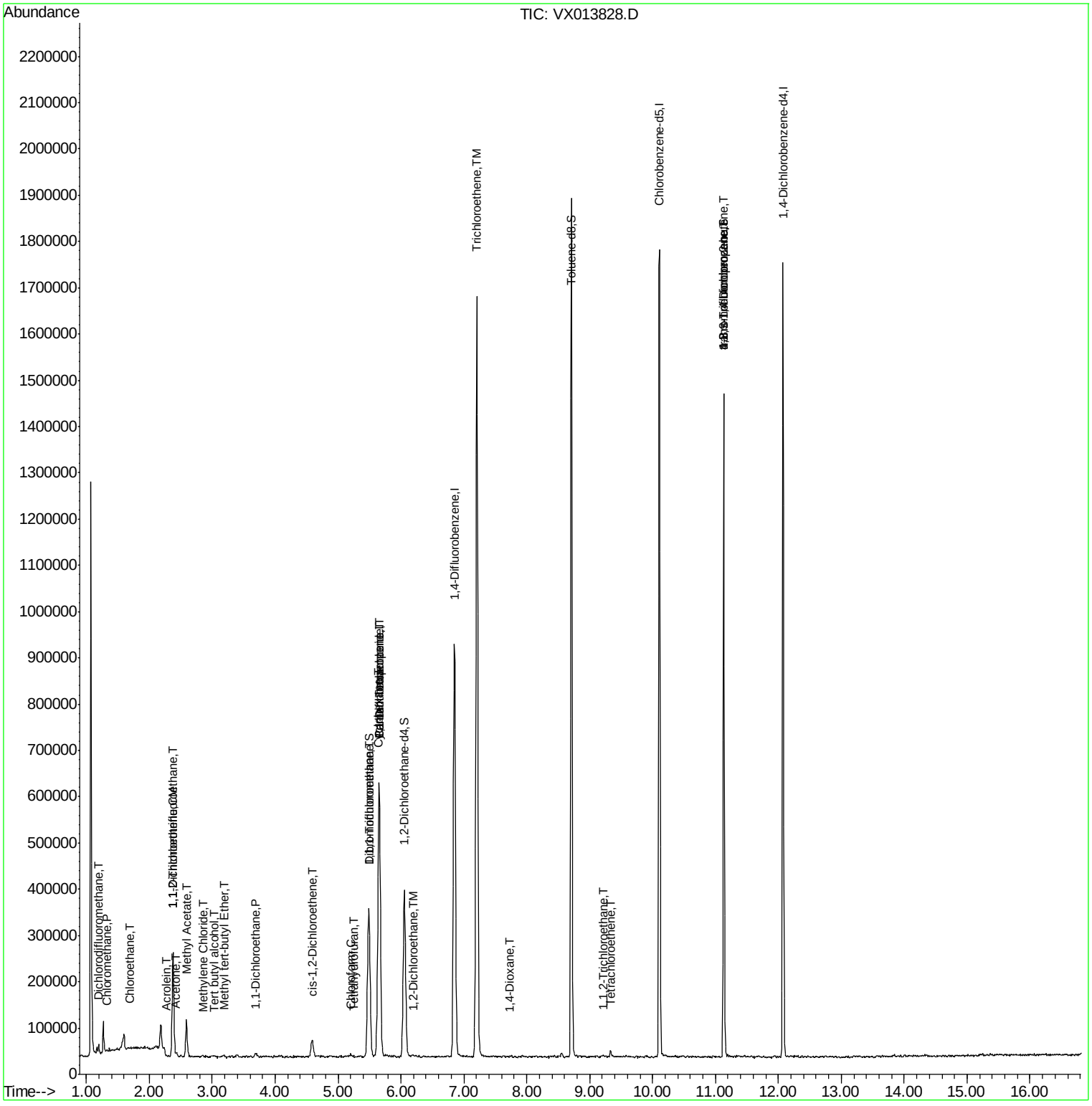
(#) = qualifier out of range (m) = manual integration (+) = signals summed

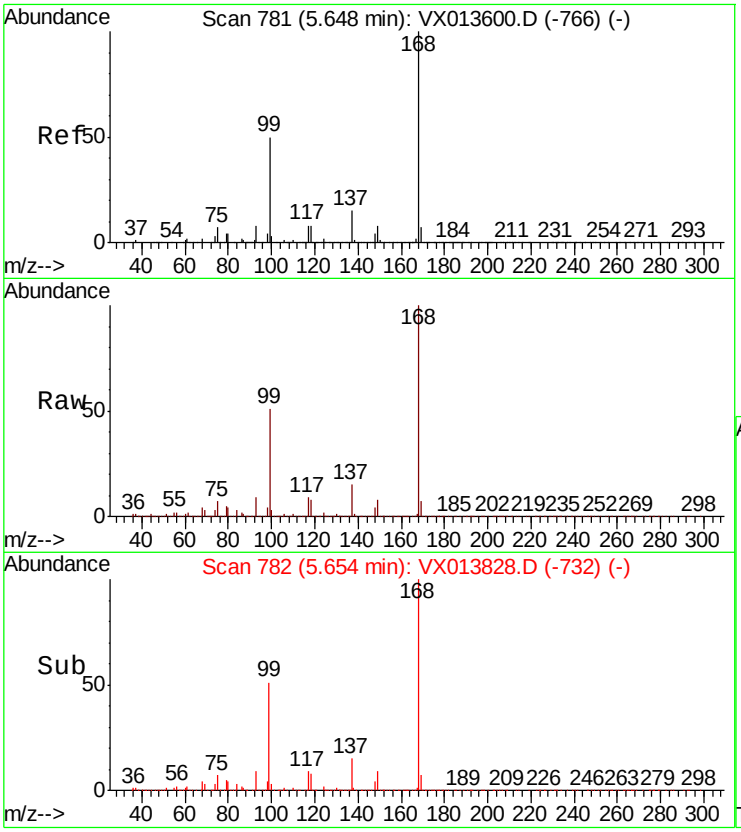
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
Data File : VX013828.D
Acq On : 07 Dec 2019 03:07
Operator : JC/SP
Sample : K6185-14
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20191205

Quant Time: Dec 07 05:44:30 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



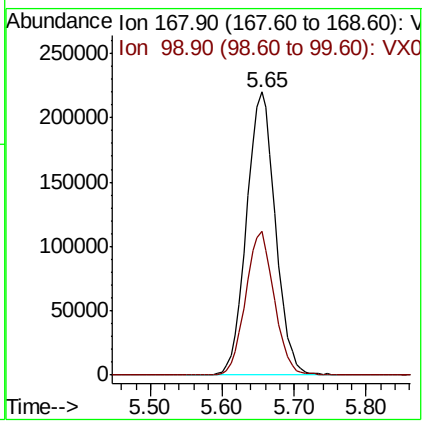


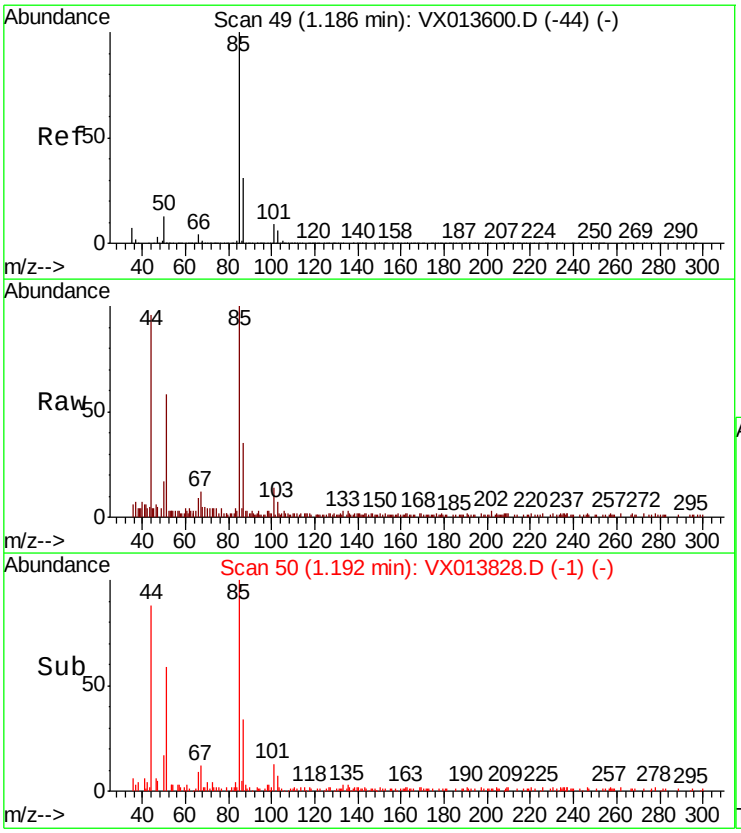
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20191205

Tgt Ion:168 Resp: 610879

Ion	Ratio	Lower	Upper
168	100		
99	50.7	39.8	59.8

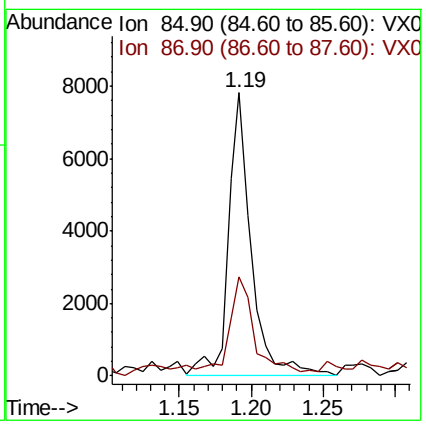


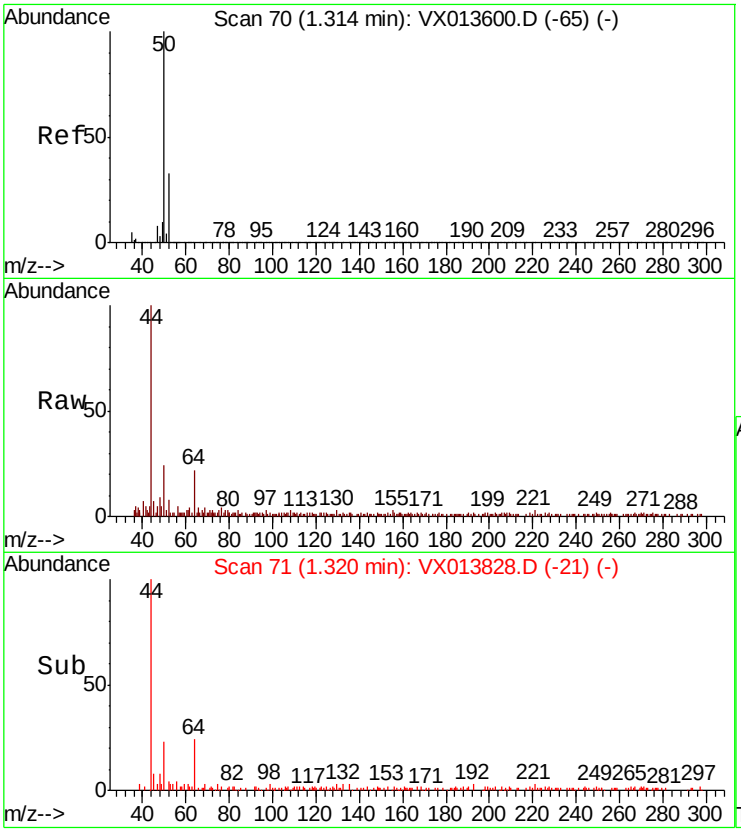


#2
Dichlorodifluoromethane
Concen: 1.290 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Tgt Ion: 85 Resp: 8768

Ion	Ratio	Lower	Upper
85	100		
87	32.1	15.7	47.1



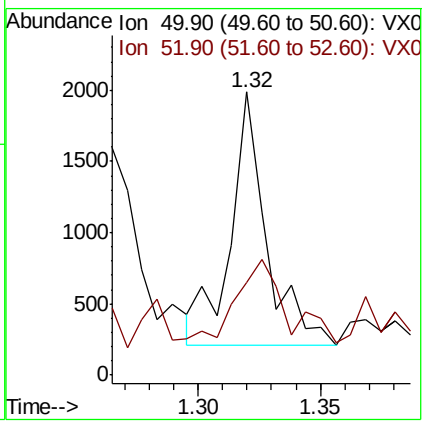


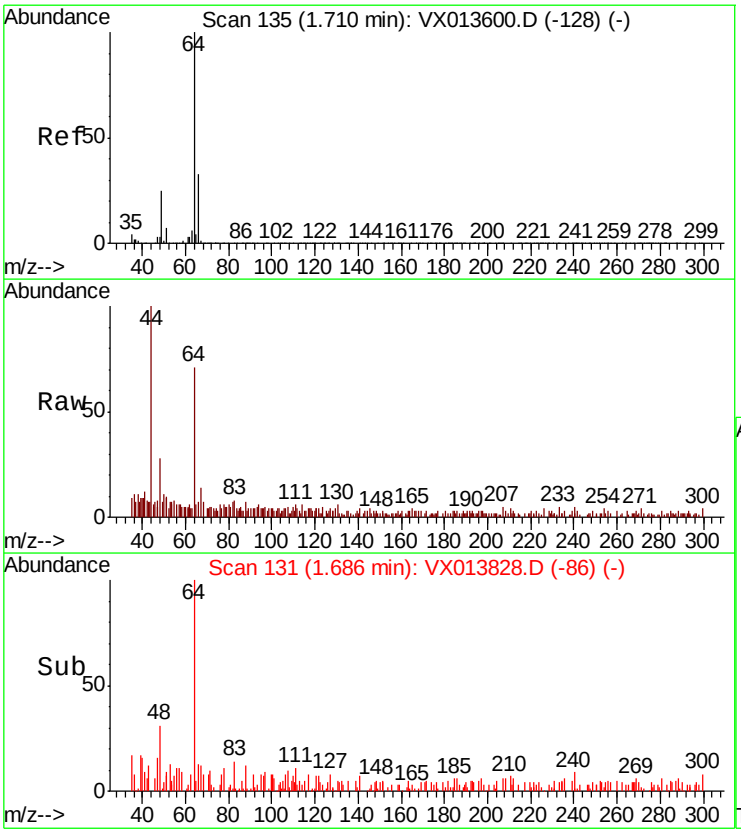
#3
Chloromethane
Concen: 0.238 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Instrument : MSVOA_X
ClientSampleId : TT101D-20191205

Tgt Ion: 50 Resp: 1815

Ion	Ratio	Lower	Upper
50	100		
52	23.7	26.0	39.0#

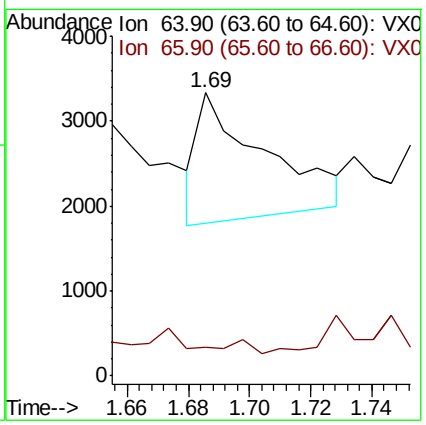


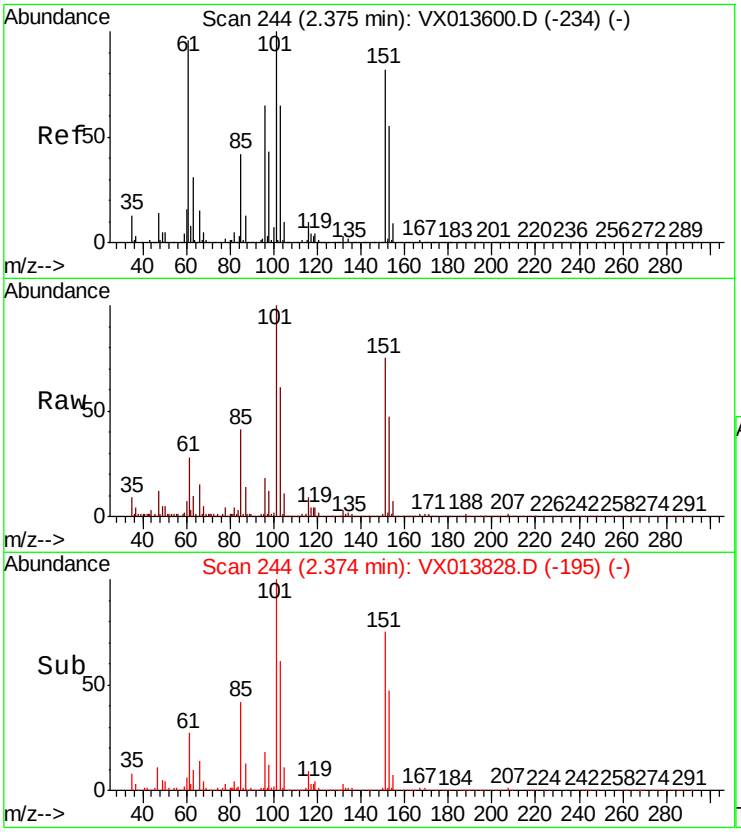


#6
Chloroethane
Concen: 0.470 ug/l
RT: 1.69 min Scan# 131
Delta R.T. -0.02 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Tgt Ion: 64 Resp: 2297

Ion	Ratio	Lower	Upper
64	100		
66	0.5	26.7	40.1#



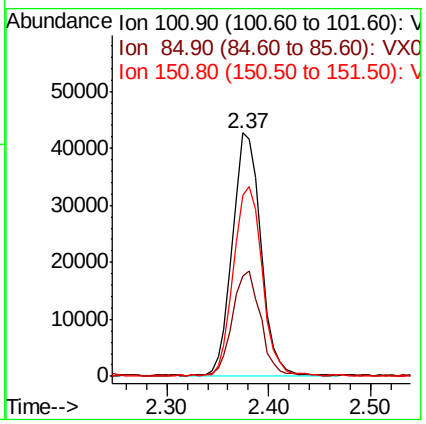


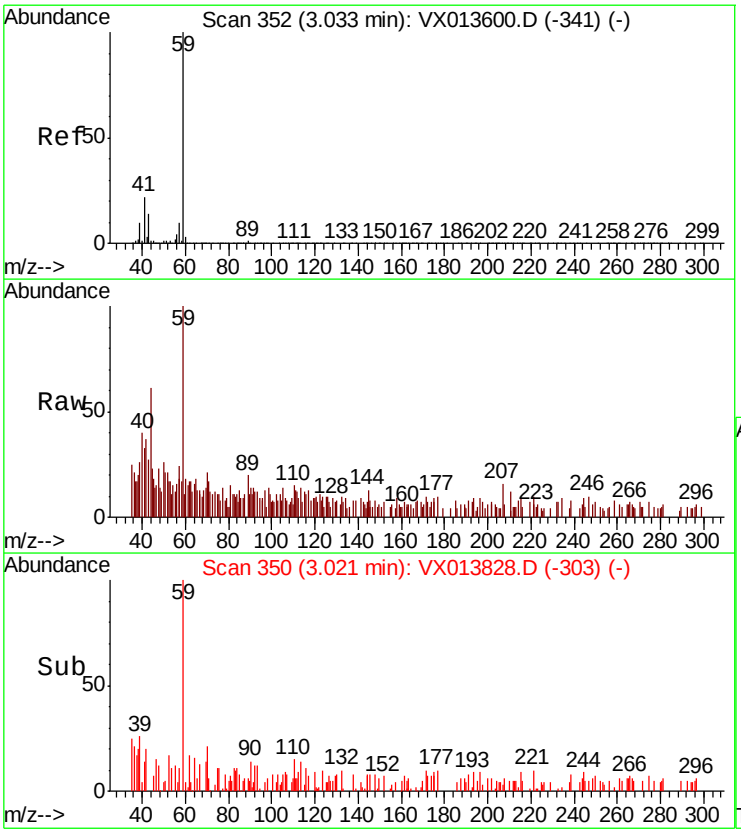
#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.212 ug/l
RT: 2.37 min Scan# 244
Delta R.T. -0.00 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Instrument : MSVOA_X
ClientSampleId : TT101D-20191205

Tgt Ion:101 Resp: 82775

Ion	Ratio	Lower	Upper
101	100		
85	42.3	33.9	50.9
151	79.4	64.2	96.2

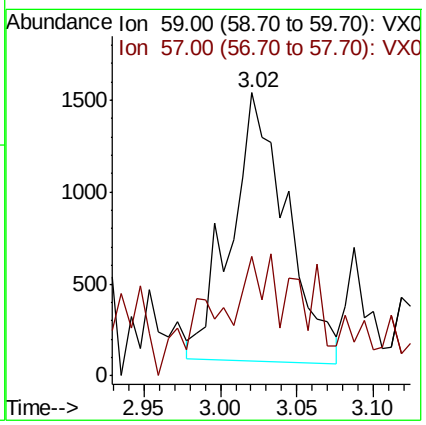


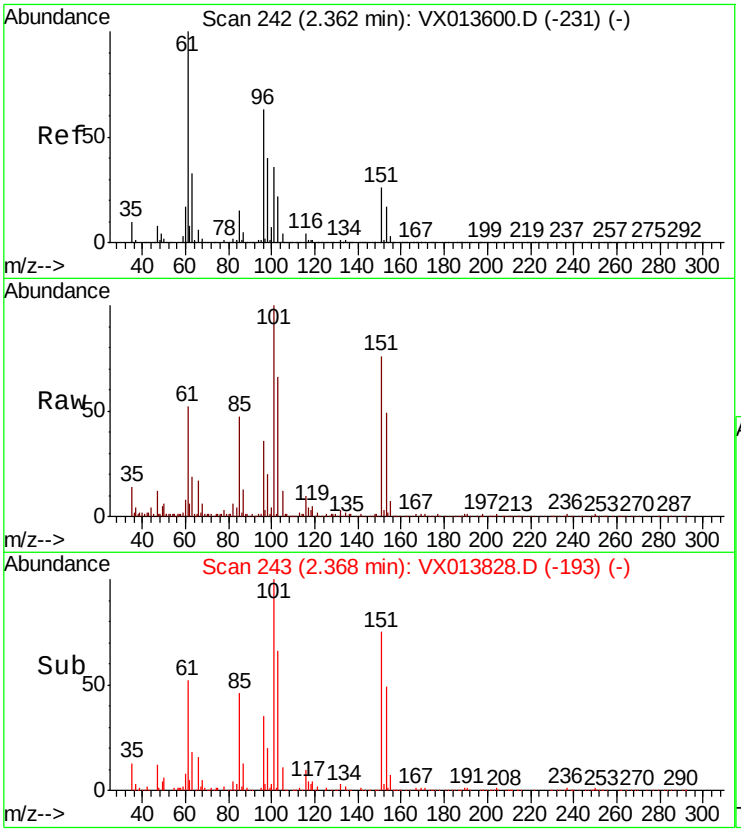


#11
Tert butyl alcohol
Concen: 2.113 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Tgt Ion: 59 Resp: 3698

Ion	Ratio	Lower	Upper
59	100		
57	11.8	7.8	11.6#



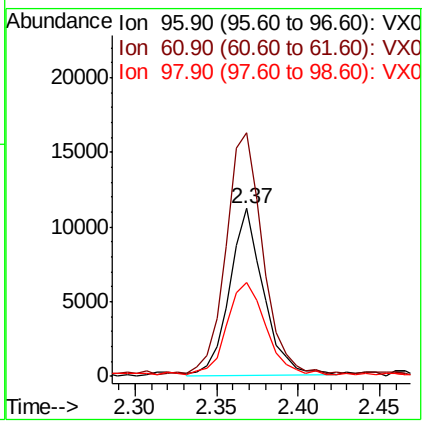


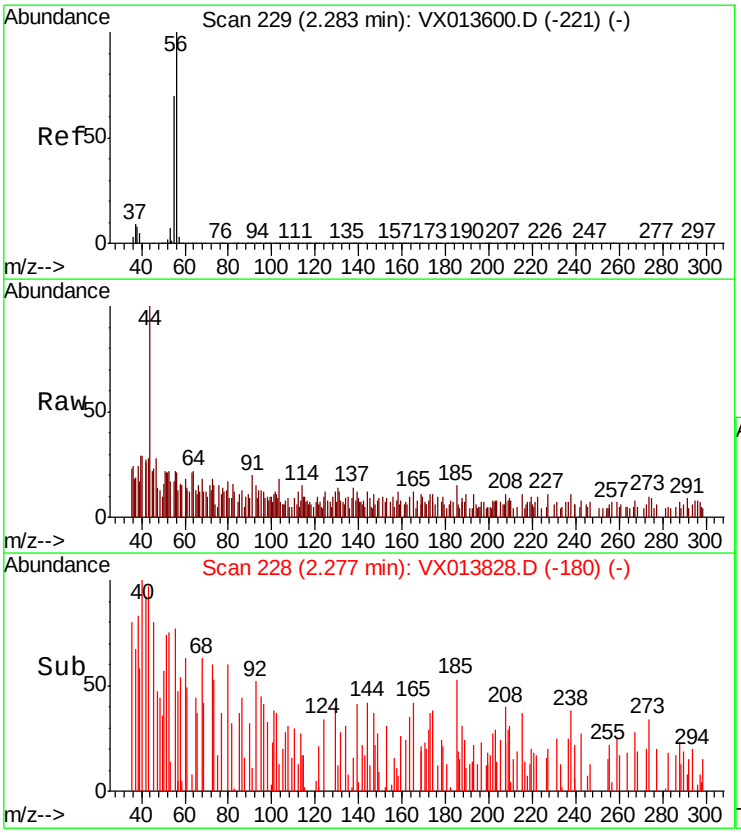
#12
1,1-Dichloroethene
Concen: 2.790 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20191205

Tgt Ion: 96 Resp: 16217

Ion	Ratio	Lower	Upper
96	100		
61	145.2	126.6	190.0
98	56.0	50.6	76.0

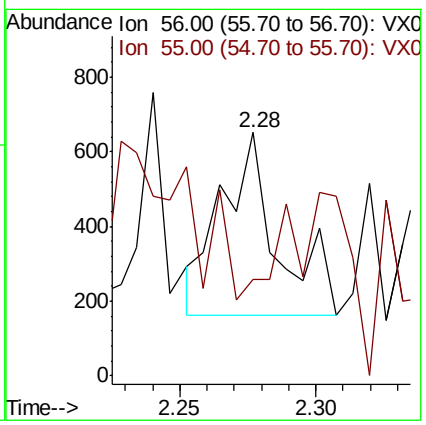


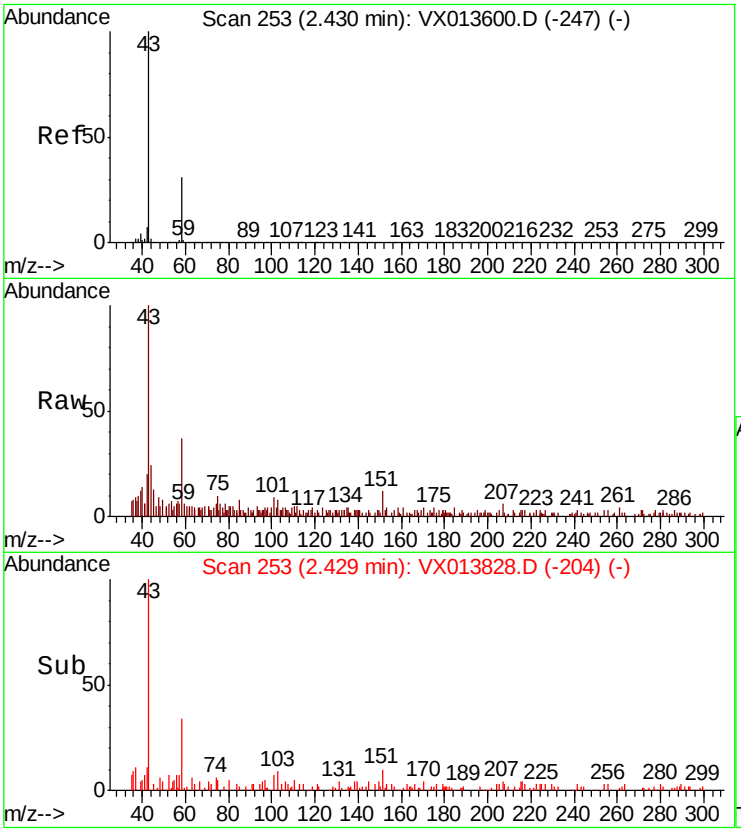


#13
Acrolein
Concen: 6.584 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.01 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Tgt Ion: 56 Resp: 696

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.2	84.4#



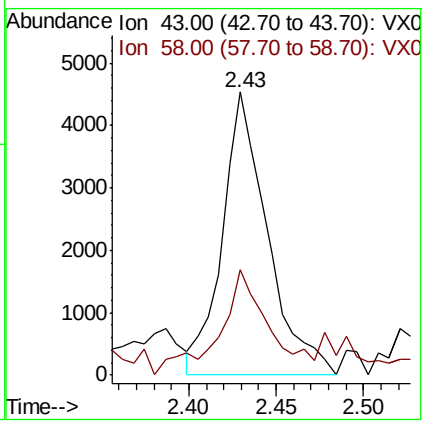


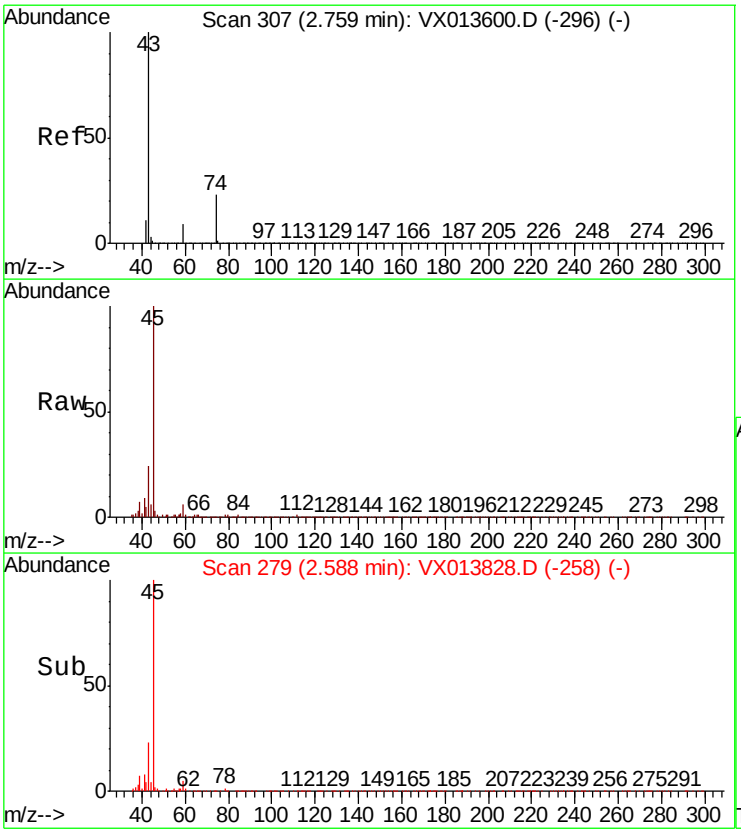
#16
Acetone
Concen: 2.335 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20191205

Tgt Ion: 43 Resp: 8175

Ion	Ratio	Lower	Upper
43	100		
58	29.7	24.6	36.8

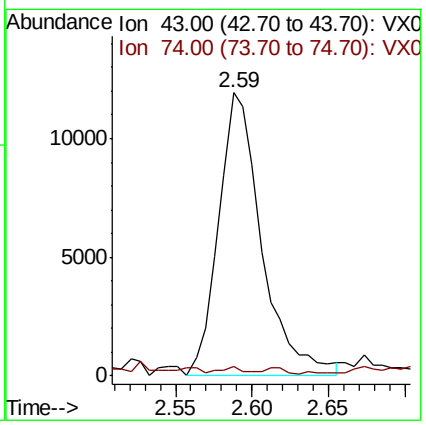


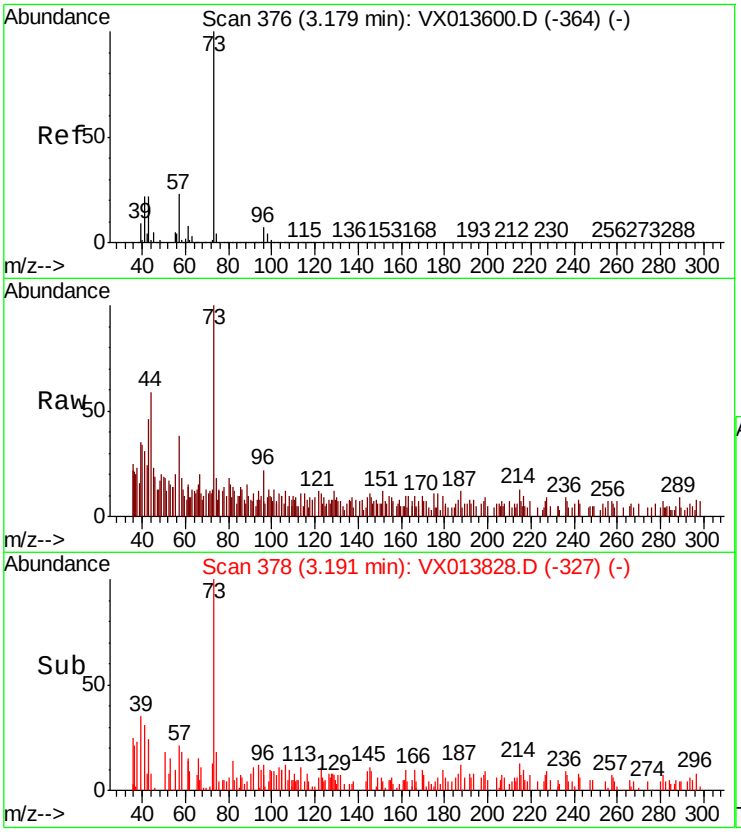


#18
Methyl Acetate
Concen: 2.397 ug/l
RT: 2.59 min Scan# 279
Delta R.T. -0.17 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Tgt Ion: 43 Resp: 23365

Ion	Ratio	Lower	Upper
43	100		
74	0.5	19.5	29.3#



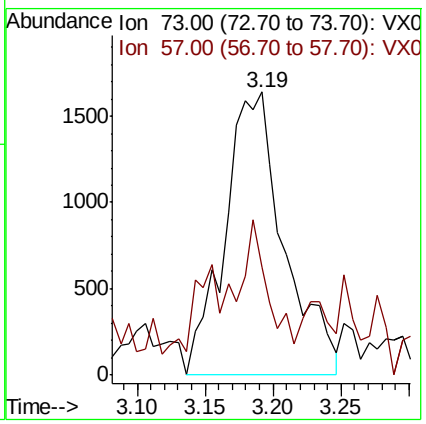


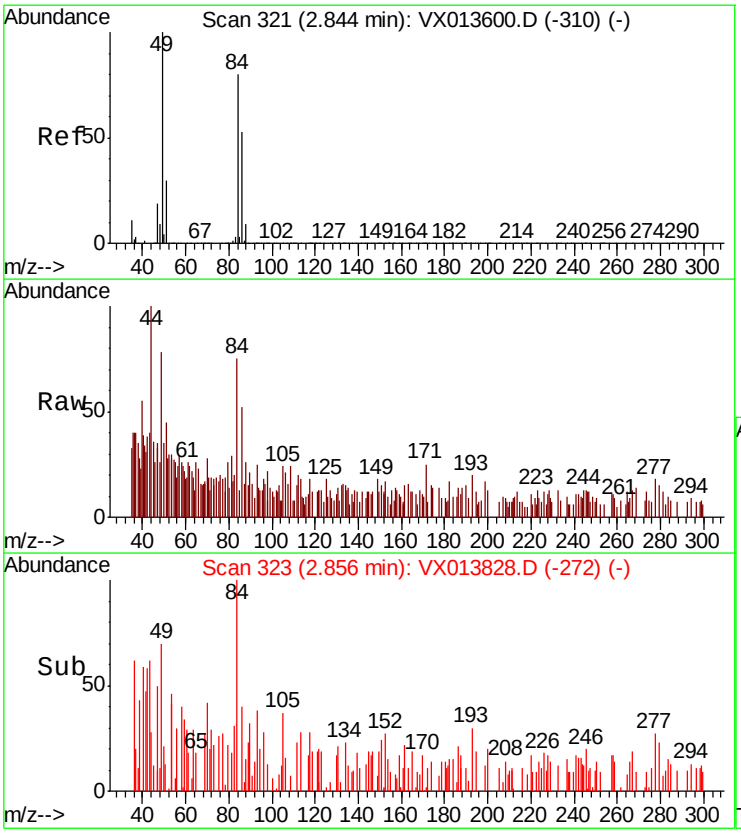
#19
Methyl tert-butyl Ether
Concen: 0.260 ug/l
RT: 3.19 min Scan# 378
Delta R.T. 0.01 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Instrument : MSVOA_X
ClientSampleId : TT101D-20191205

Tgt Ion: 73 Resp: 5000

Ion	Ratio	Lower	Upper
73	100		
57	30.0	18.3	27.5#

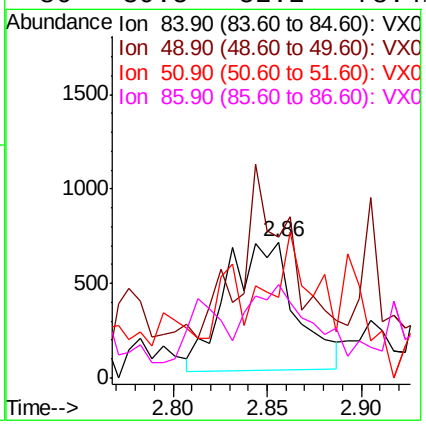


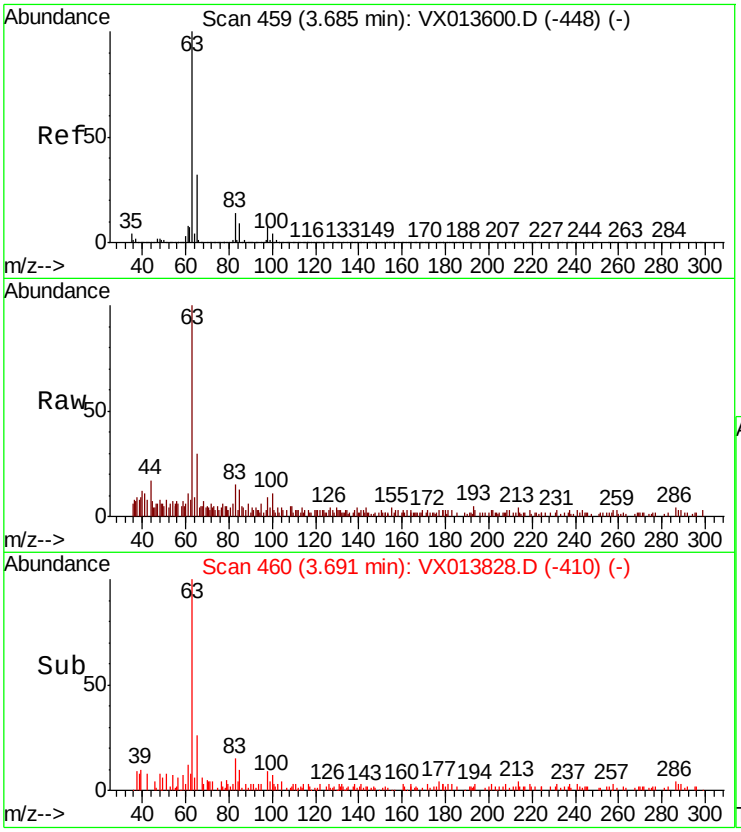


#20
Methylene Chloride
Concen: 0.257 ug/l
RT: 2.86 min Scan# 323
Delta R.T. 0.01 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Tgt Ion: 84 Resp: 1730

Ion	Ratio	Lower	Upper
84	100		
49	74.1	99.7	149.5#
51	72.3	29.9	44.9#
86	39.5	52.2	78.4#



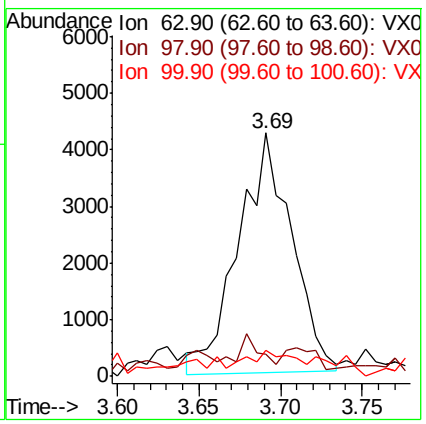


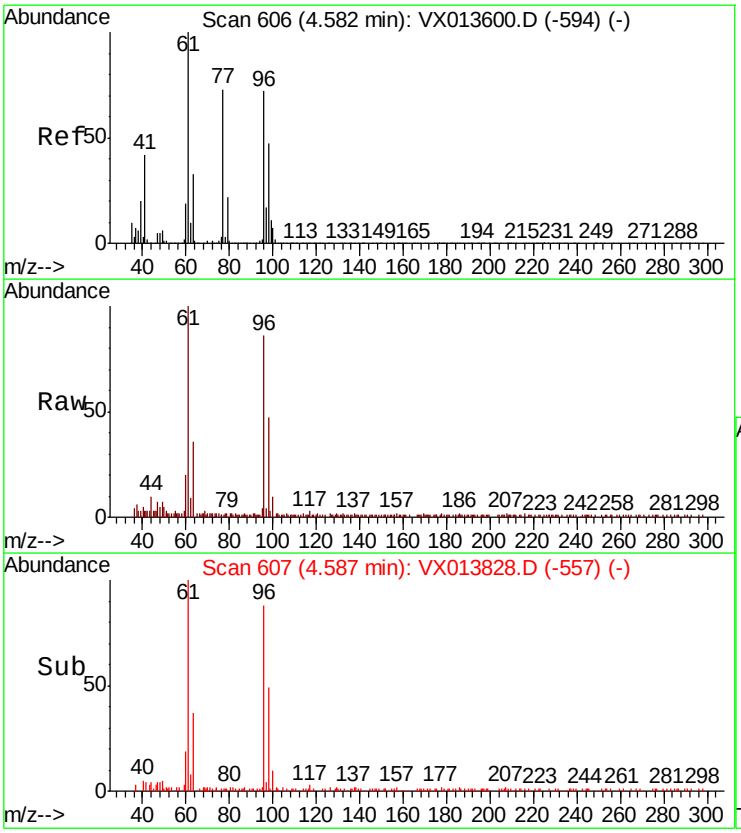
#24
1,1-Dichloroethane
Concen: 0.865 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.01 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Instrument : MSVOA_X
ClientSampleId : TT101D-20191205

Tgt Ion: 63 Resp: 9606

Ion	Ratio	Lower	Upper
63	100		
98	6.1	3.5	10.4
100	6.7	2.1	6.3#

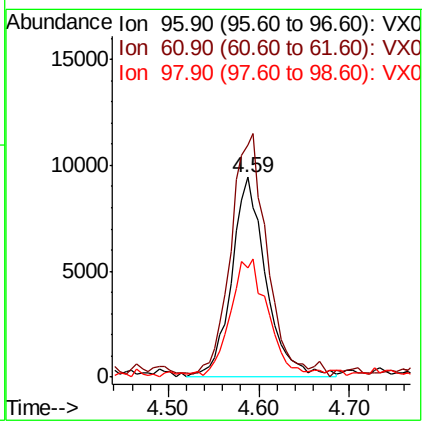


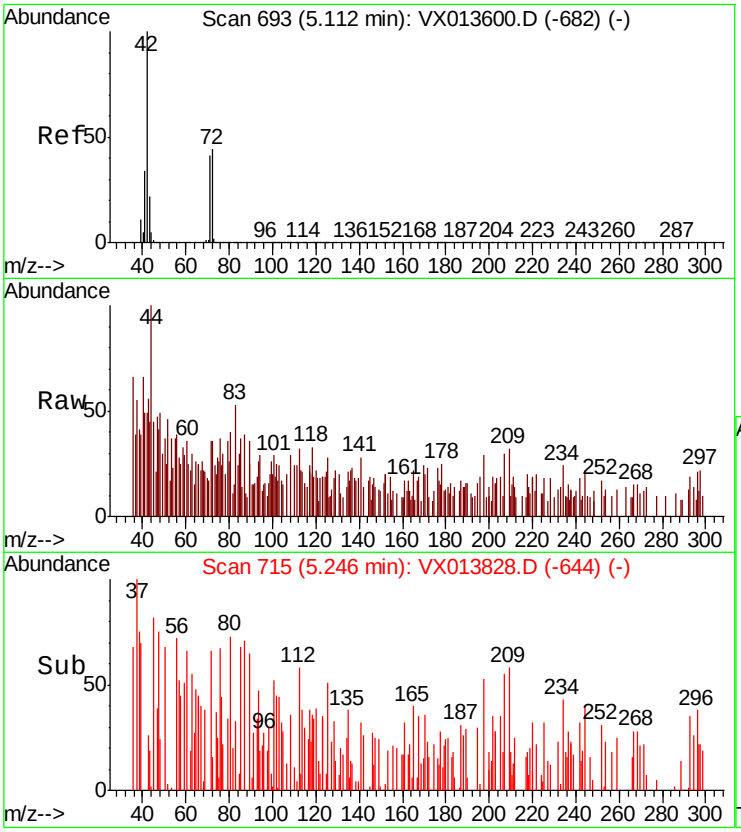


#27
cis-1,2-Dichloroethene
Concen: 3.441 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Tgt Ion: 96 Resp: 25024

Ion	Ratio	Lower	Upper
96	100		
61	123.7	0.0	286.4
98	62.3	0.0	127.4



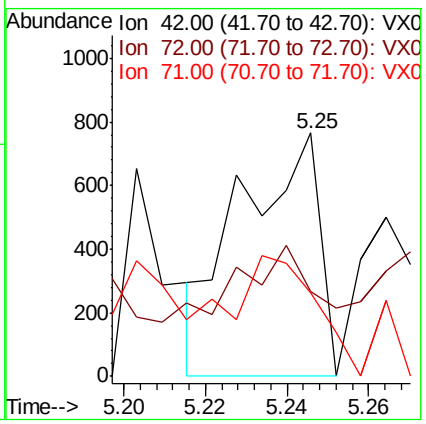


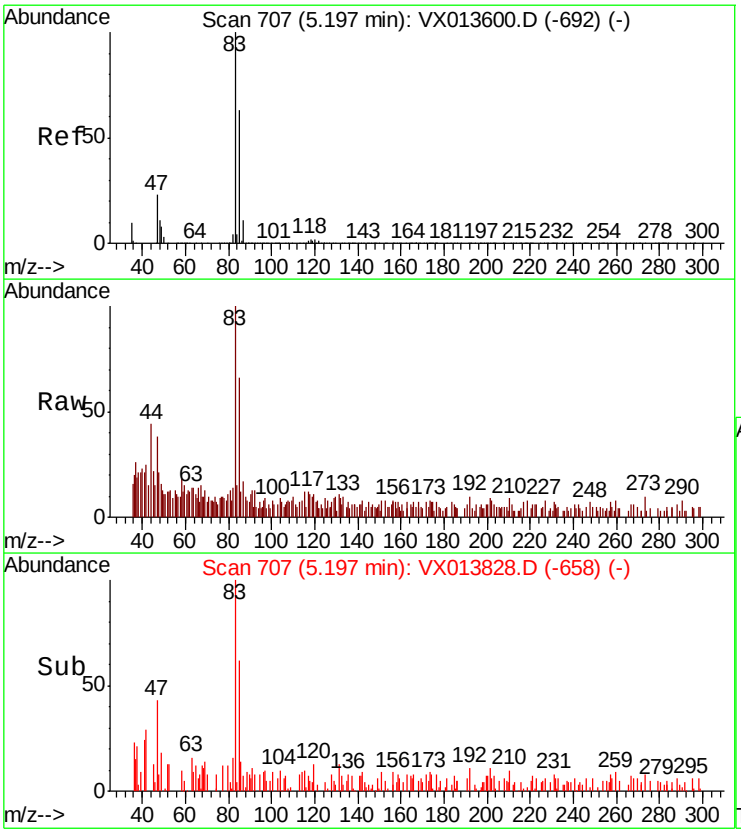
#29
Tetrahydrofuran
Concen: 0.319 ug/l
RT: 5.25 min Scan# 715
Delta R.T. 0.13 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20191205

Tgt Ion: 42 Resp: 1022

Ion	Ratio	Lower	Upper
42	100		
72	42.2	36.3	54.5
71	40.7	33.2	49.8

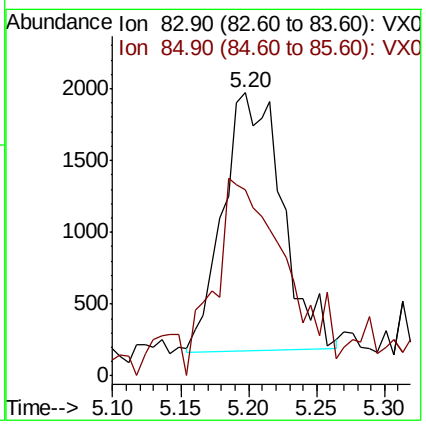


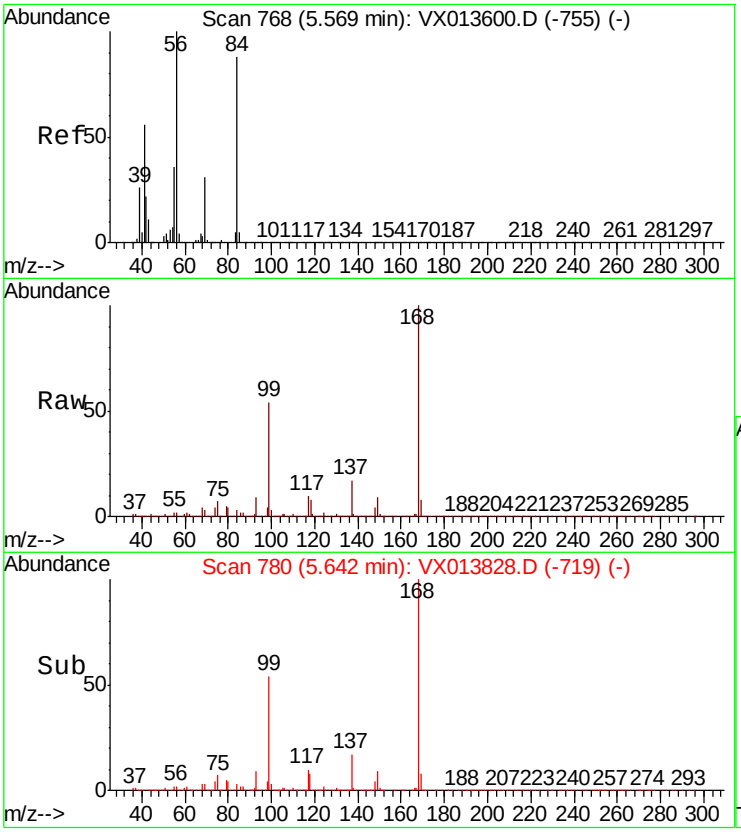


#30
Chloroform
Concen: 0.483 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Tgt Ion: 83 Resp: 5444

Ion	Ratio	Lower	Upper
83	100		
85	72.9	50.2	75.4



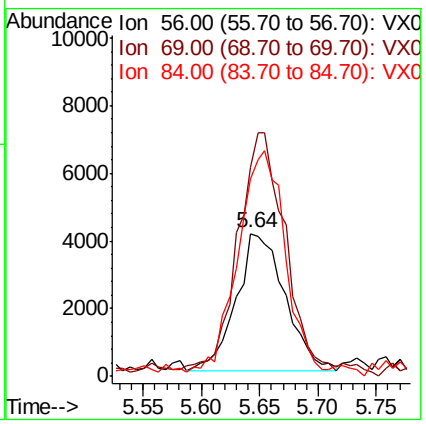


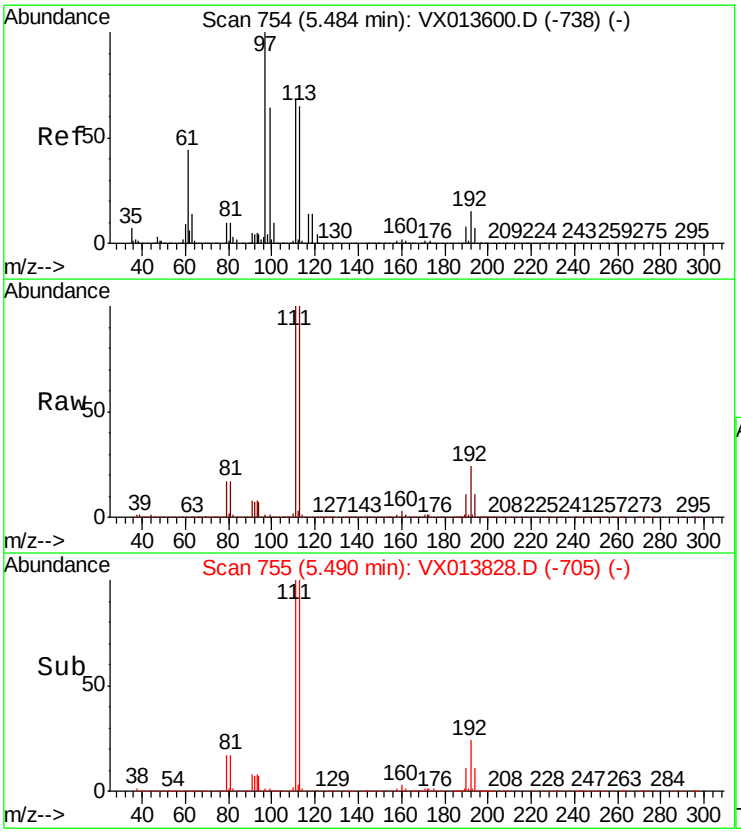
#31
Cyclohexane
Concen: 1.134 ug/l
RT: 5.64 min Scan# 780
Delta R.T. 0.07 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Instrument : MSVOA_X
ClientSampleId : TT101D-20191205

Tgt Ion: 56 Resp: 11878

Ion	Ratio	Lower	Upper
56	100		
69	152.6	24.6	36.8#
84	145.3	70.0	105.0#

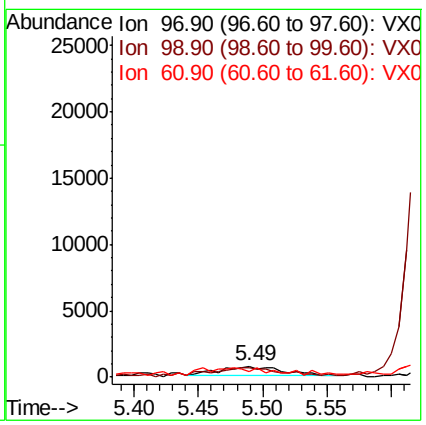


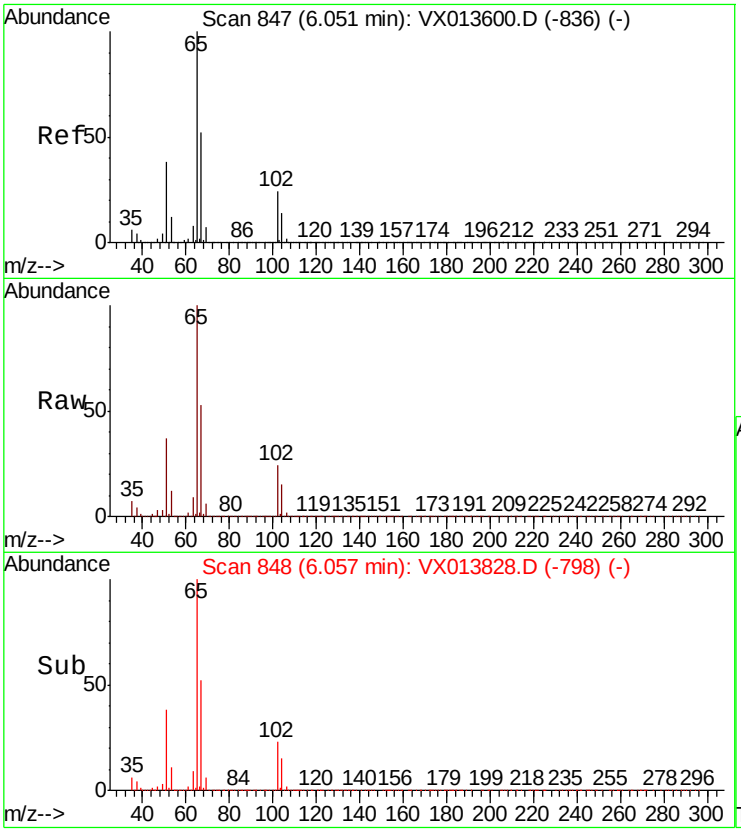


#32
1,1,1-Trichloroethane
Concen: 0.258 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Tgt Ion: 97 Resp: 2425

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



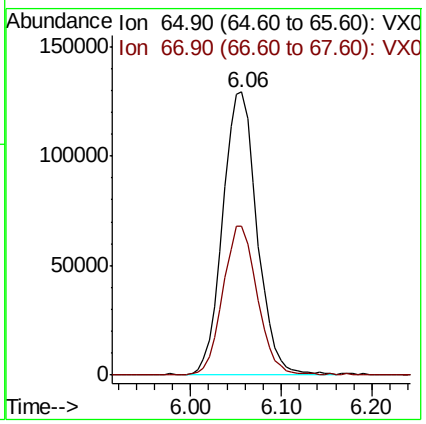


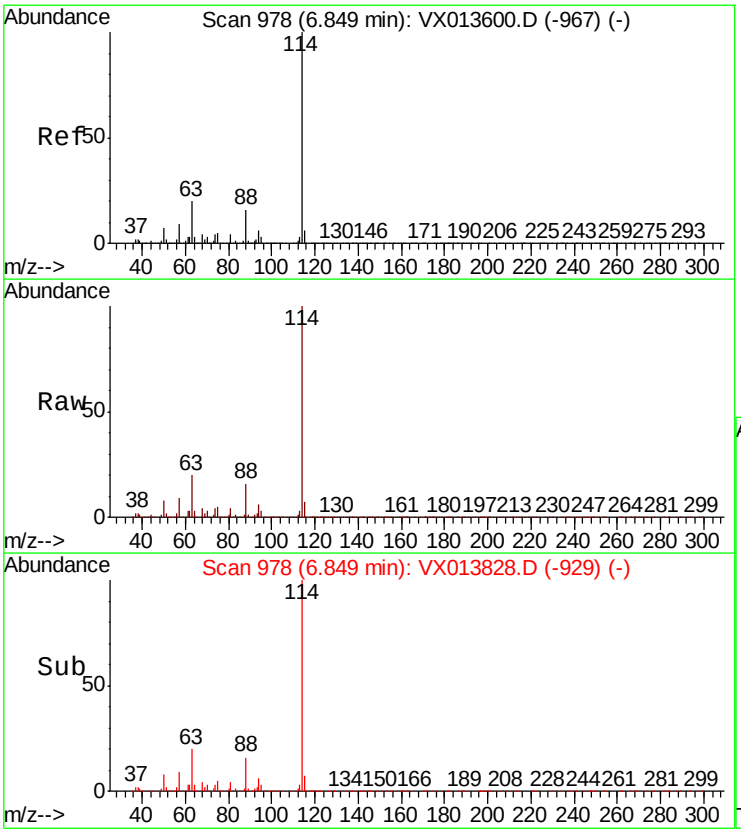
#33
1,2-Dichloroethane-d4
Concen: 47.548 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20191205

Tgt Ion: 65 Resp: 337156

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	104.4

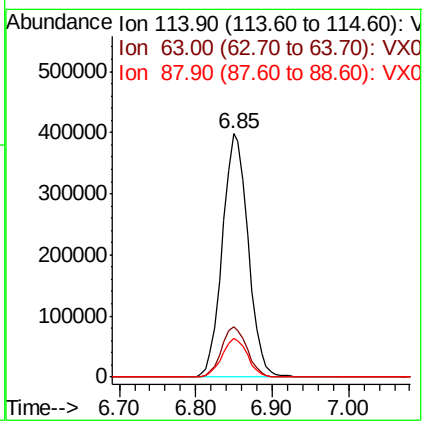


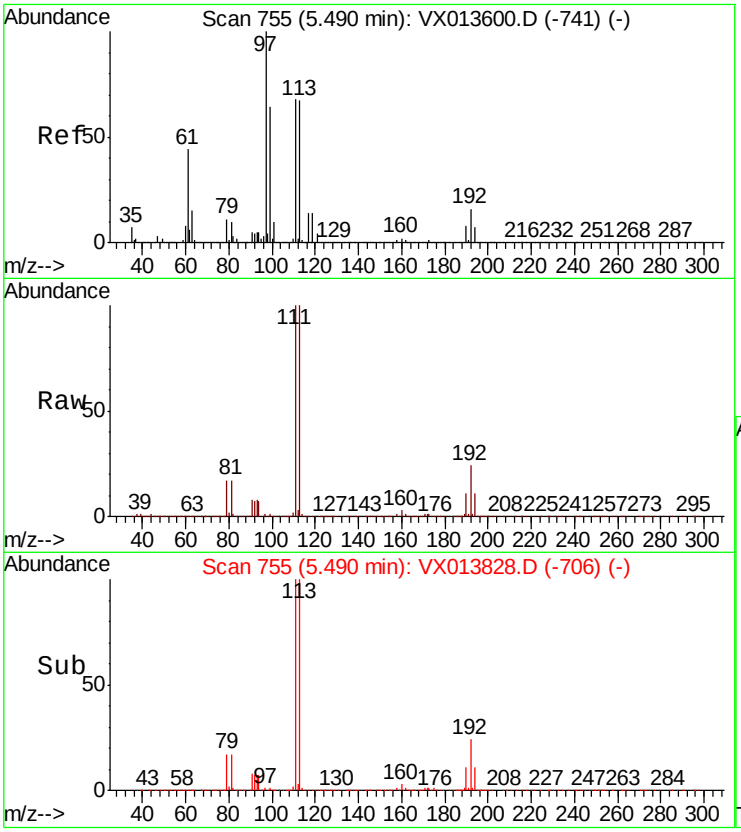


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Tgt Ion:114 Resp: 924551

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.6
88	15.8	0.0	31.4



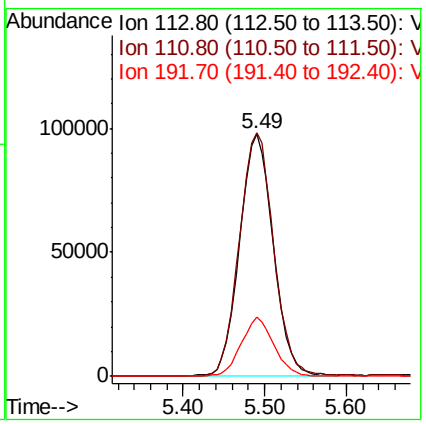


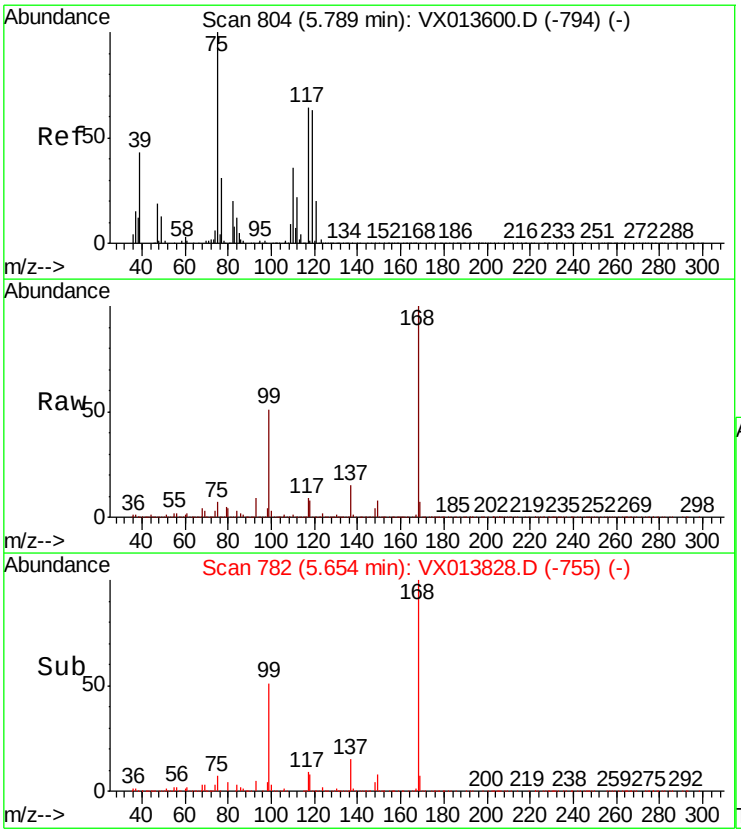
#35
Dibromofluoromethane
Concen: 49.029 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20191205

Tgt Ion:113 Resp: 280232

Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.6	125.4
192	23.7	19.2	28.8

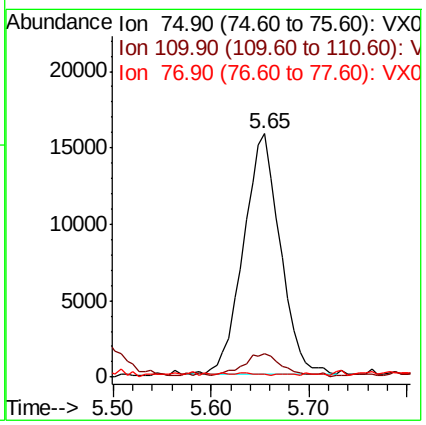


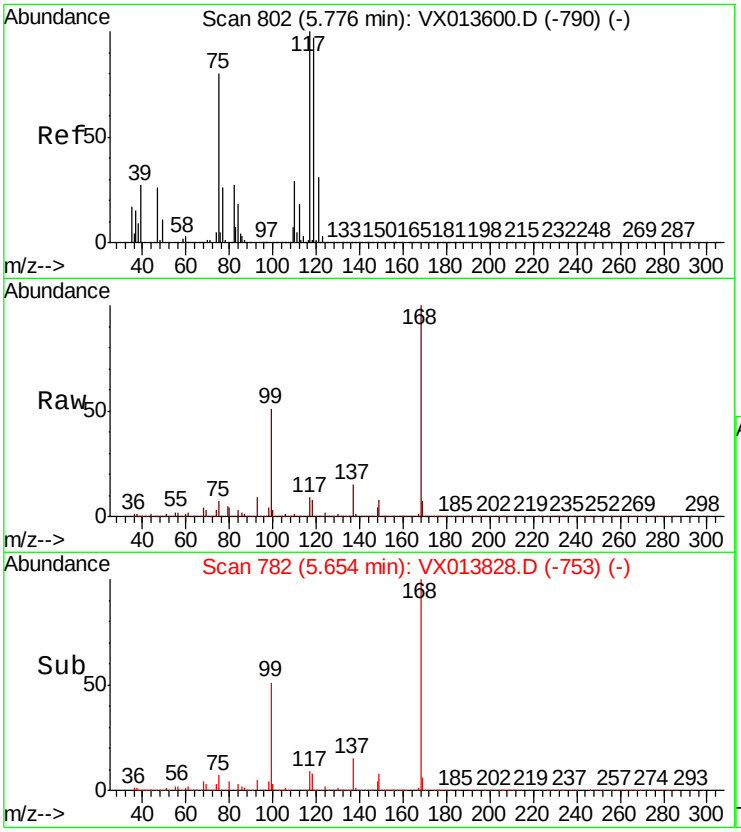


#36
1,1-Dichloropropene
Concen: 4.907 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Tgt Ion: 75 Resp: 41186

Ion	Ratio	Lower	Upper
75	100		
110	11.1	18.1	54.1#
77	0.3	24.5	36.7#



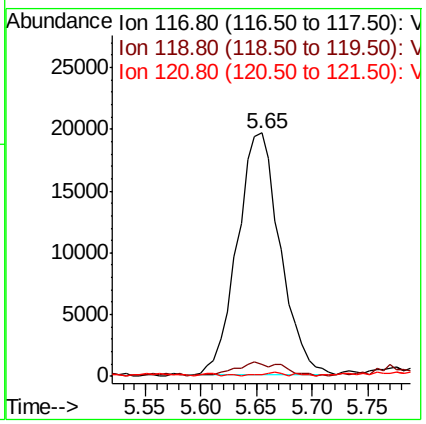


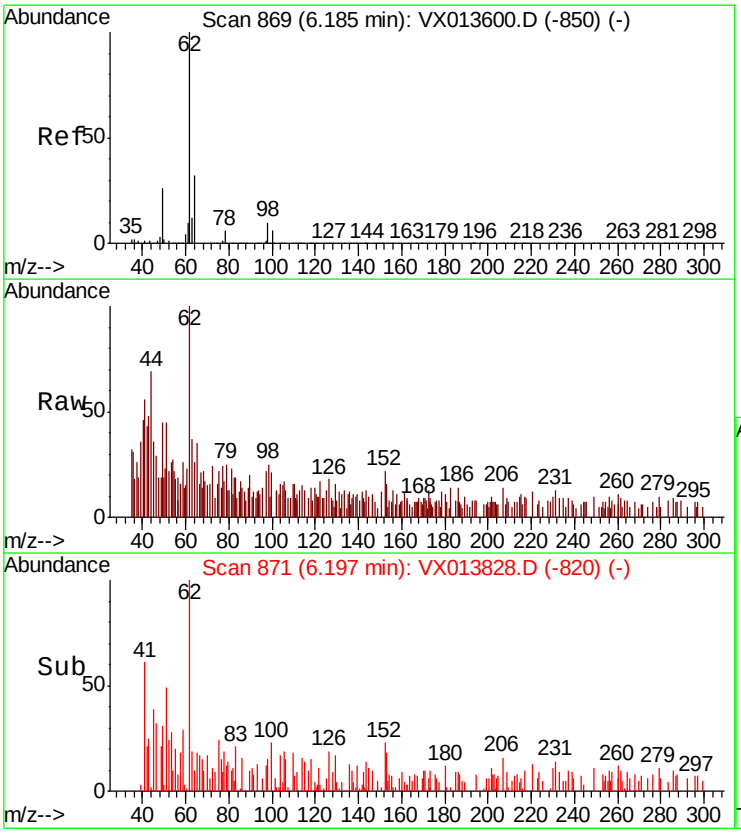
#38
Carbon Tetrachloride
Concen: 6.740 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Instrument : MSVOA_X
ClientSampleId : TT101D-20191205

Tgt Ion:117 Resp: 52156

Ion	Ratio	Lower	Upper
117	100		
119	4.7	77.5	116.3#
121	0.1	25.0	37.6#

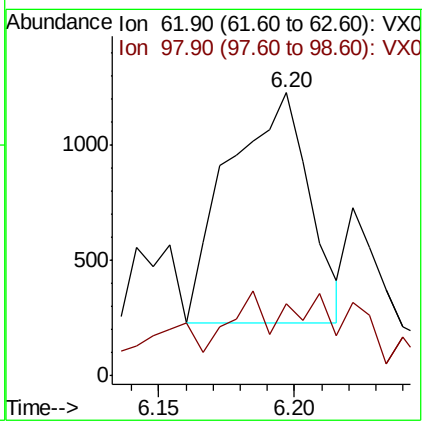


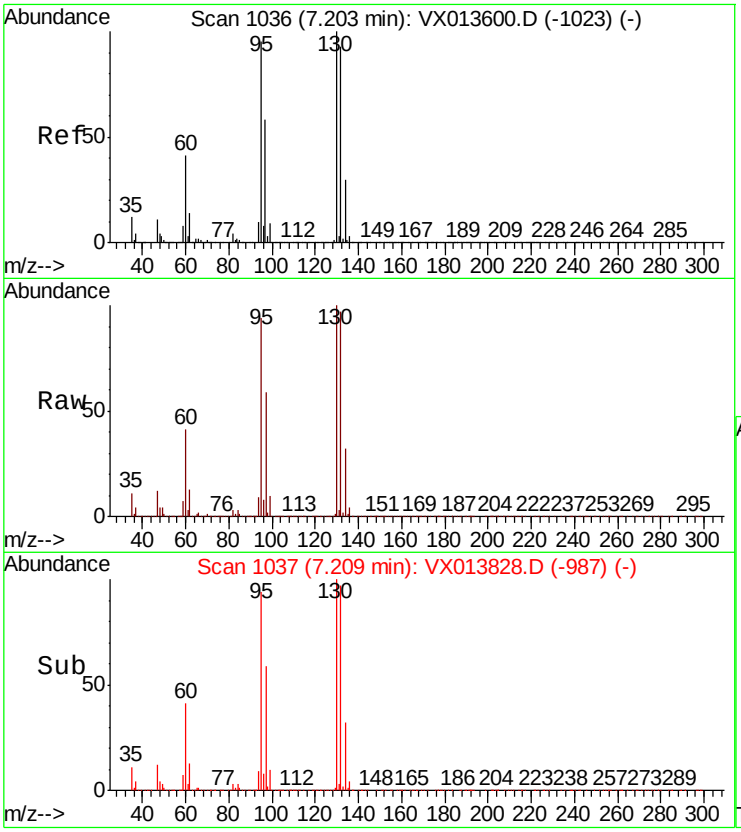


#42
1,2-Dichloroethane
Concen: 0.235 ug/l
RT: 6.20 min Scan# 871
Delta R.T. 0.01 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Tgt Ion: 62 Resp: 2045

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.8



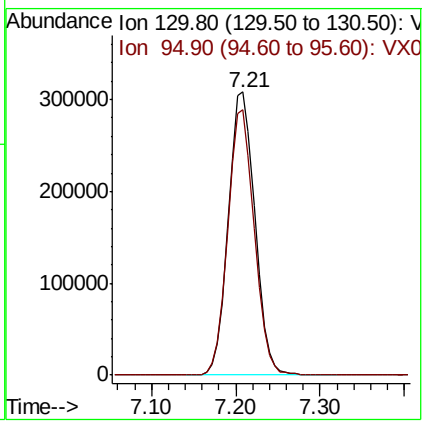


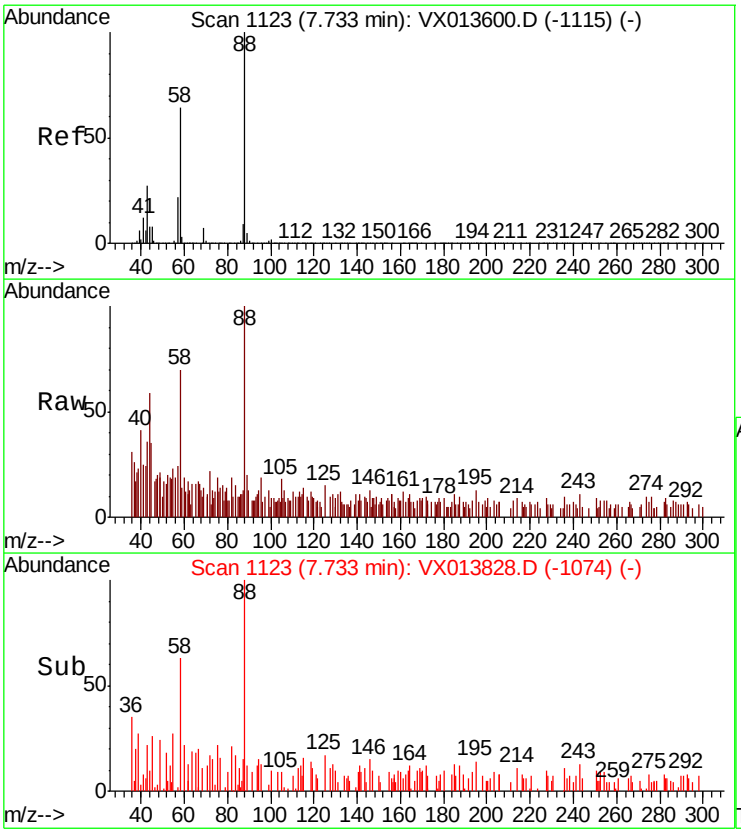
#44
Trichloroethene
Concen: 93.688 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20191205

Tgt Ion:130 Resp: 657234

Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	190.8

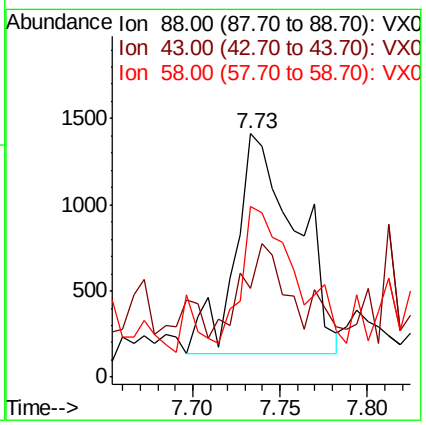


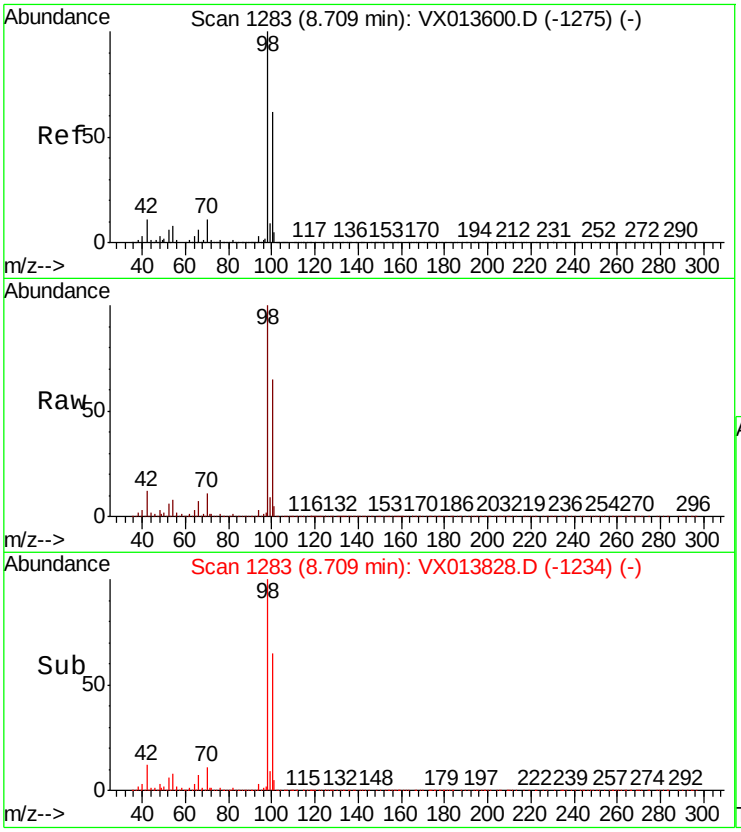


#49
1,4-Dioxane
Concen: 18.383 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Tgt Ion: 88 Resp: 3099

Ion	Ratio	Lower	Upper
88	100		
43	52.6	25.8	38.6#
58	56.2	54.6	82.0



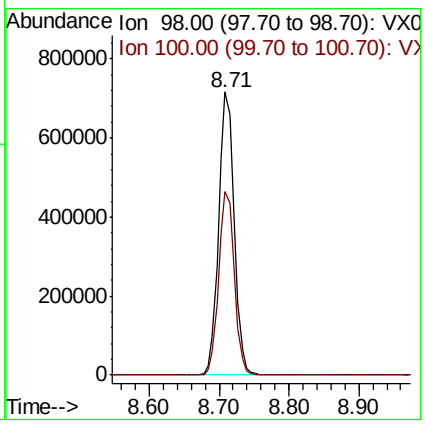


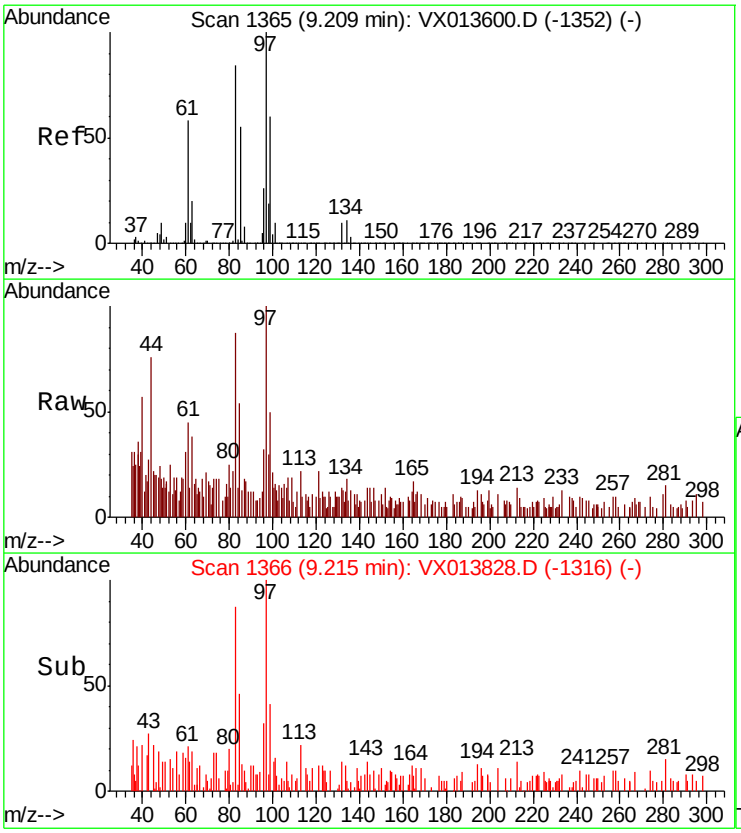
#50
Toluene-d8
Concen: 49.557 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Instrument : MSVOA_X
ClientSampleId : TT101D-20191205

Tgt Ion: 98 Resp: 1103589

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.1	79.7

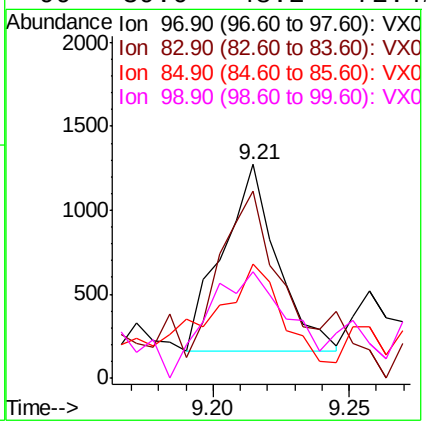


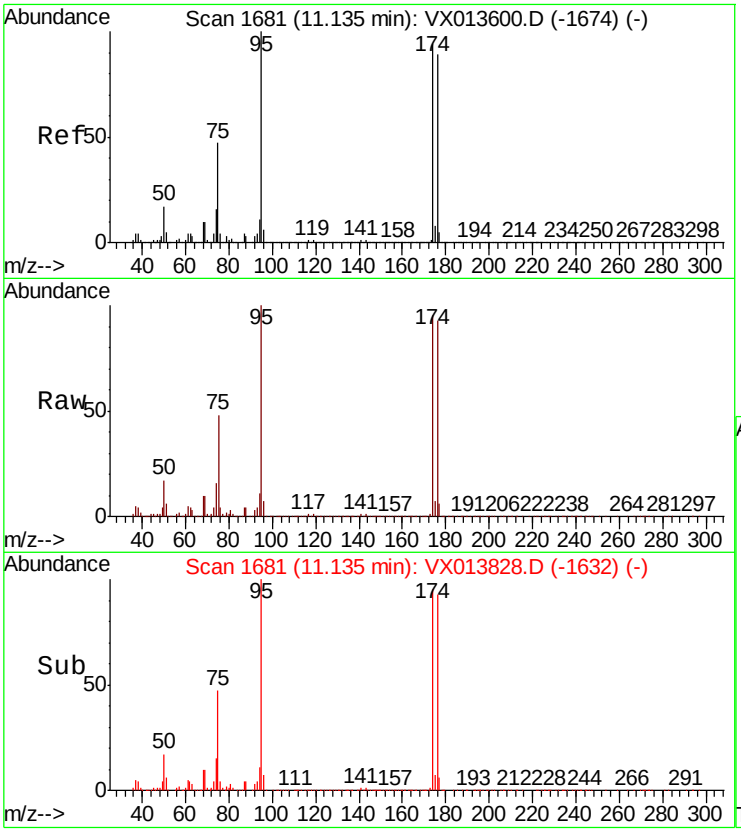


#55
1,1,2-Trichloroethane
Concen: 0.242 ug/l
RT: 9.21 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Tgt Ion: 97 Resp: 1548

Ion	Ratio	Lower	Upper
97	100		
83	89.1	67.3	100.9
85	53.3	43.6	65.4
99	39.0	48.2	72.4#



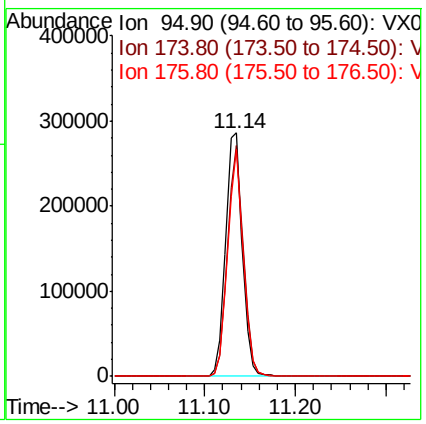


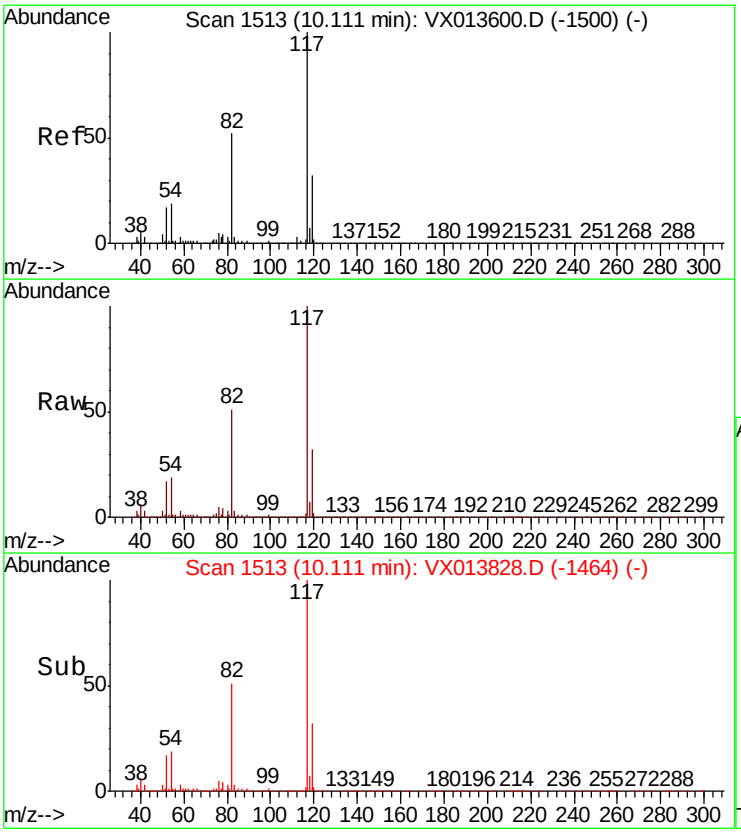
#62
4-Bromofluorobenzene
Concen: 45.554 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Instrument : MSVOA_X
ClientSampleId : TT101D-20191205

Tgt Ion: 95 Resp: 365813

Ion	Ratio	Lower	Upper
95	100		
174	90.9	0.0	180.0
176	87.9	0.0	173.6

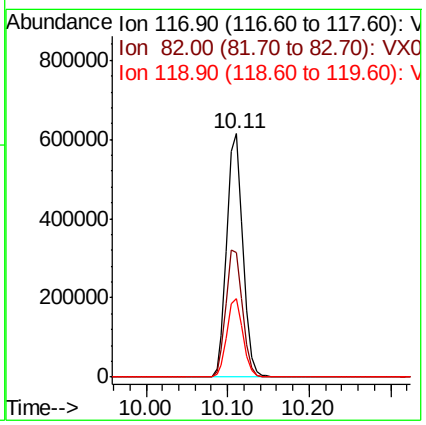


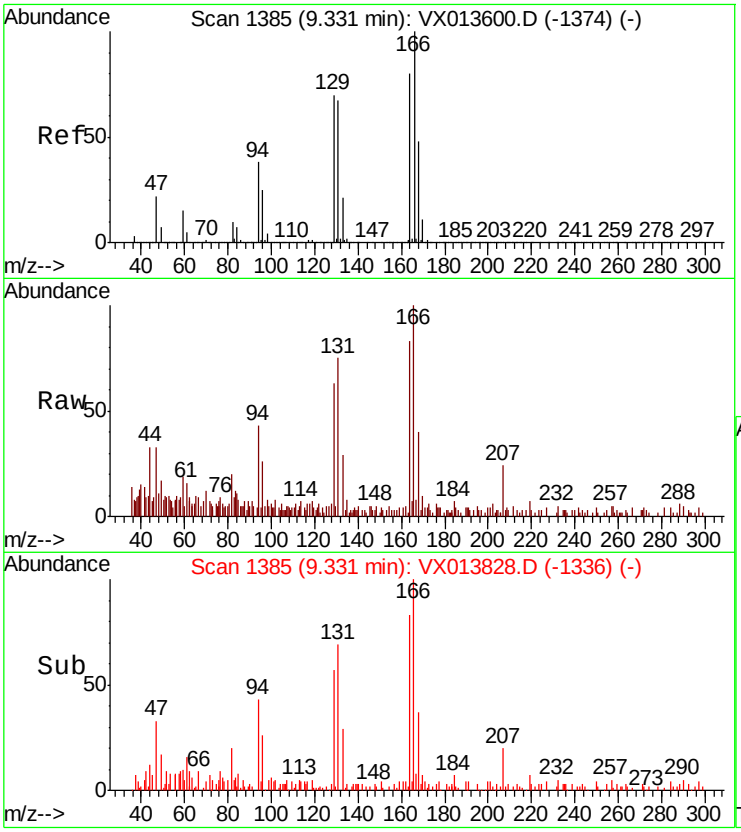


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Tgt Ion:117 Resp: 833171

Ion	Ratio	Lower	Upper
117	100		
82	51.3	41.8	62.8
119	32.1	25.8	38.8



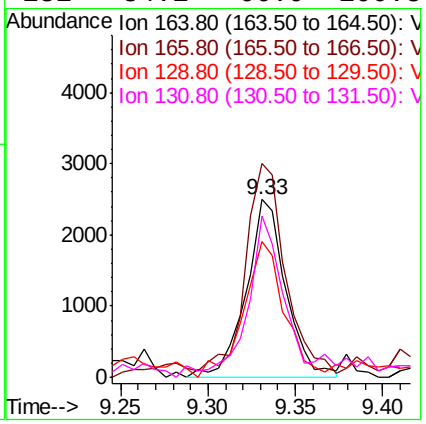


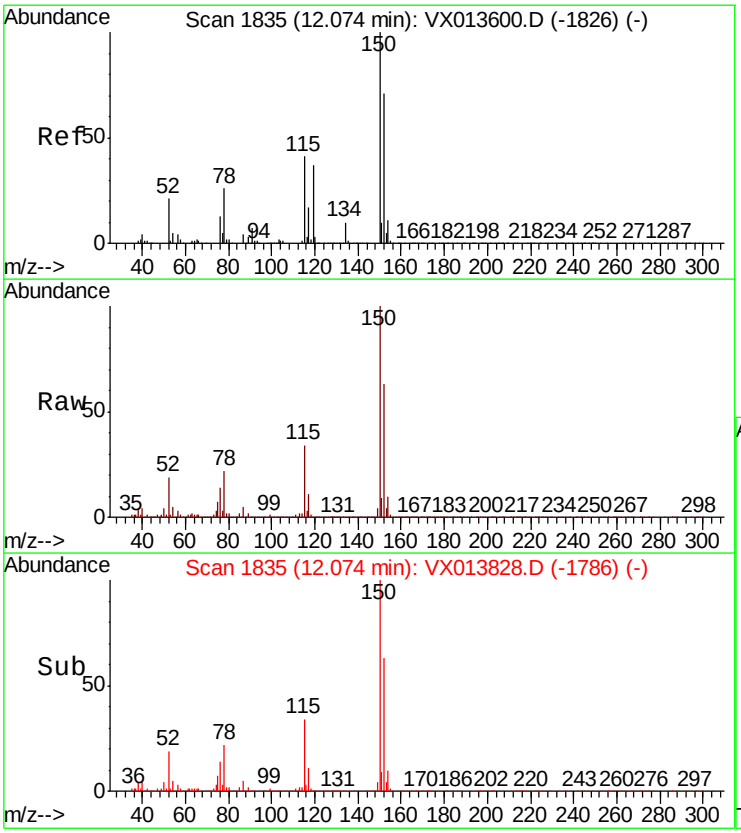
#64
Tetrachloroethene
Concen: 0.634 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20191205

Tgt Ion:164 Resp: 3939

Ion	Ratio	Lower	Upper
164	100		
166	118.2	99.7	149.5
129	71.1	70.1	105.1
131	84.1	66.9	100.3

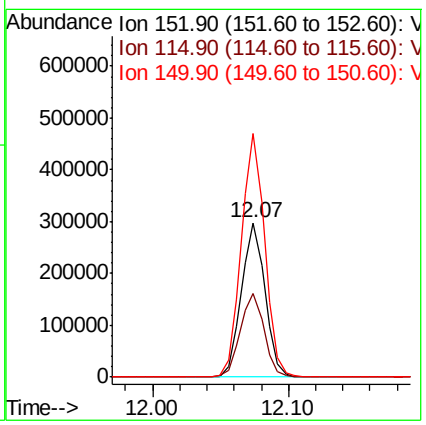


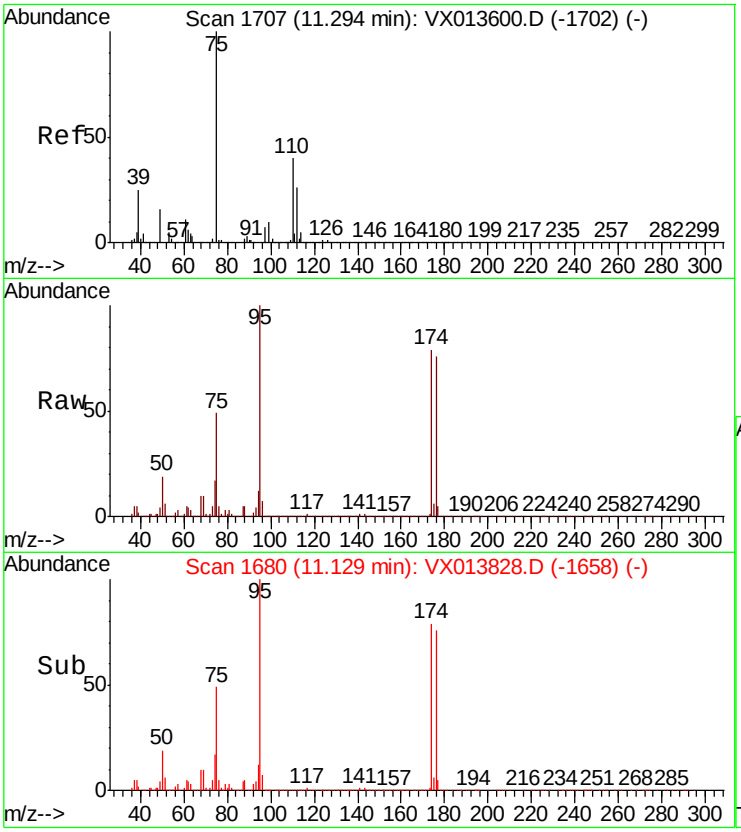


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Tgt Ion:152 Resp: 360673

Ion	Ratio	Lower	Upper
152	100		
115	54.7	38.4	115.1
150	156.9	0.0	346.8



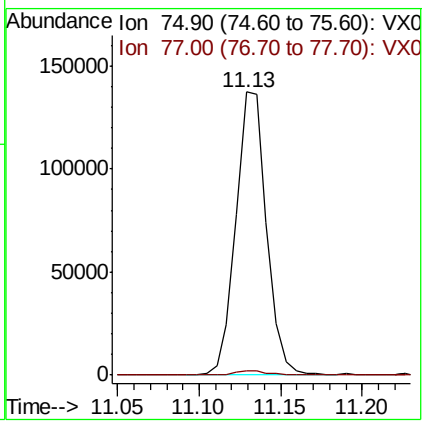


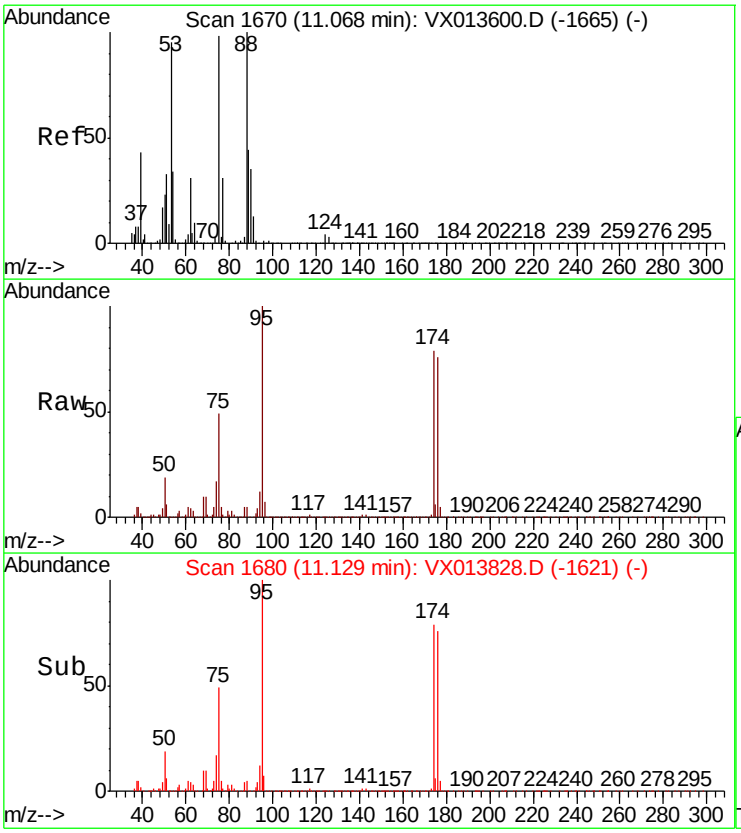
#76
1,2,3-Trichloropropane
Concen: 22.052 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20191205

Tgt Ion: 75 Resp: 178892

Ion	Ratio	Lower	Upper
75	100		
77	1.7	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 60.331 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX013828.D
Acq: 07 Dec 2019 03:07

Tgt Ion: 75 Resp: 178892

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.2	117.2#
89	0.2	35.4	53.2#