Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112719\
Data File : VX013679.D
Acq On : 28 Nov 2019 02:44
Operator : JC/SP
Sample : K5968-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Nov 28 04:23:31 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	696670	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	1086742	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	966809	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	441157	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	390815	48.33	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.66%				
35) Dibromofluoromethane	5.48	113	319371	47.54	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.08%				
50) Toluene-d8	8.71	98	1276895	48.78	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.56%				
62) 4-Bromofluorobenzene	11.14	95	434913	46.08	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.16%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	2647	0.341	ug/l		75
4) Vinyl Chloride	1.40	62	3539	0.361	ug/l	#	79
7) Trichlorofluoromethane	1.92	101	11995	1.103	ug/l		85
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2820	0.425	ug/l	#	83
11) Tert butyl alcohol	3.05	59	707	0.354	ug/l	#	1
12) 1,1-Dichloroethene	2.37	96	1772	0.267	ug/l		94
13) Acrolein	2.28	56	466	6.344	ug/l	#	69
16) Acetone	2.44	43	5454	1.366	ug/l		97
21) trans-1,2-Dichloroethene	3.17	96	4015	0.556	ug/l		97
27) cis-1,2-Dichloroethene	4.59	96	220112	26.537	ug/l		89
29) Tetrahydrofuran	5.12	42	756	0.207	ug/l	#	56
31) Cyclohexane	5.65	56	11566	0.968	ug/l	#	1
36) 1,1-Dichloropropene	5.64	75	46642	4.728	ug/l	#	42
38) Carbon Tetrachloride	5.65	117	60741	6.678	ug/l	#	17
44) Trichloroethene	7.21	130	362731	43.990	ug/l		100
49) 1,4-Dioxane	7.74	88	568	2.866	ug/l	#	24
64) Tetrachloroethene	9.34	164	1572	0.218	ug/l	#	63
76) 1,2,3-Trichloropropane	11.14	75	213214	21.488	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.14	75	213214	58.788	ug/l	#	11
84) 1,2,4-Trimethylbenzene	11.80	105	5984	0.232	ug/l		86
95) Naphthalene	13.83	128	37941	1.270	ug/l		97

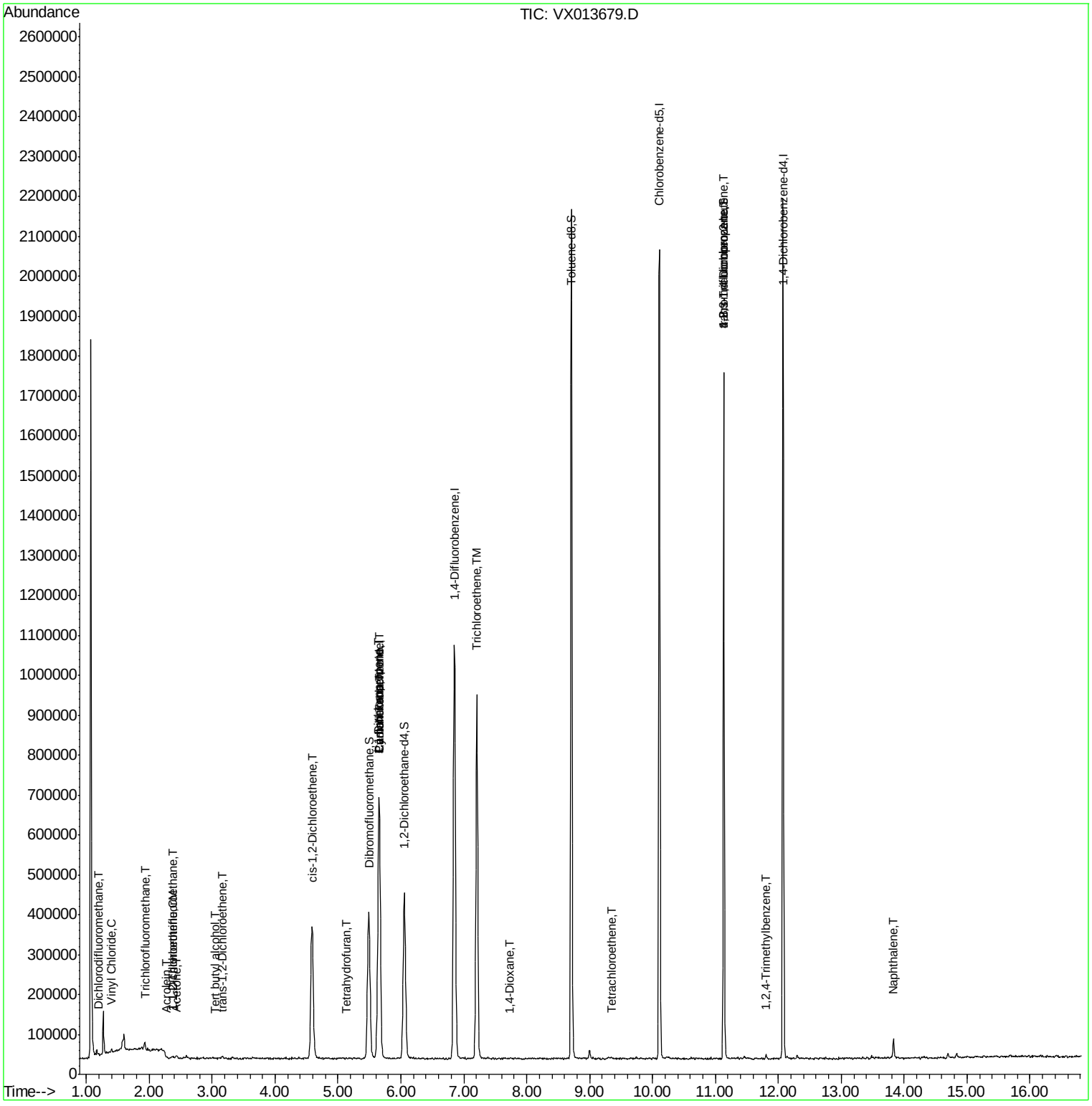
(#) = qualifier out of range (m) = manual integration (+) = signals summed

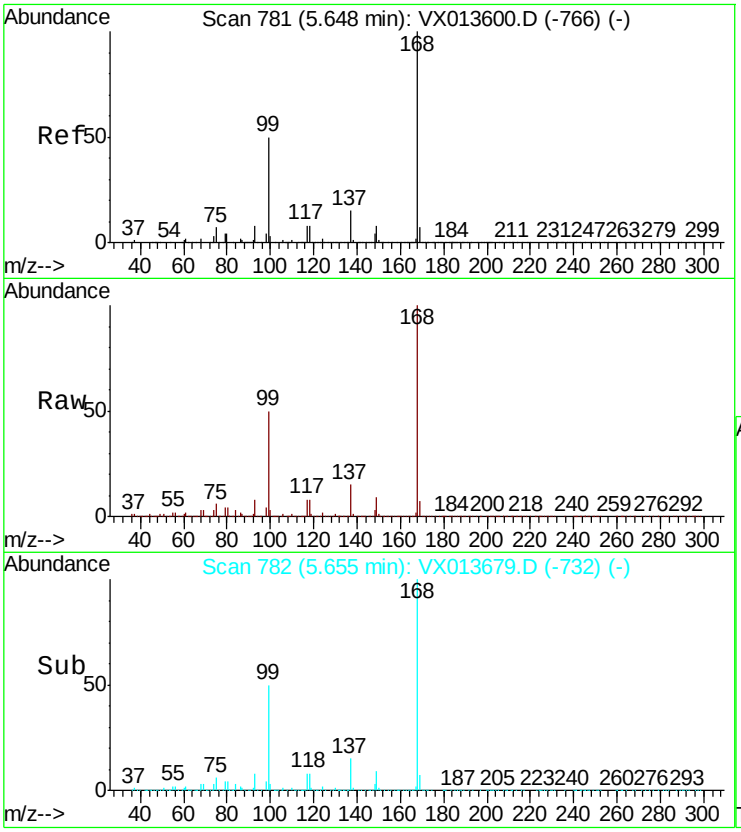
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
Data File : VX013679.D
Acq On : 28 Nov 2019 02:44
Operator : JC/SP
Sample : K5968-13
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Nov 28 04:23:31 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



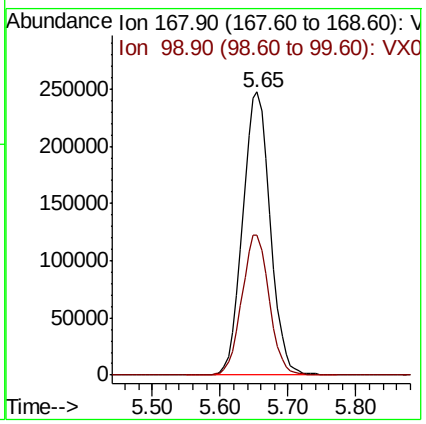


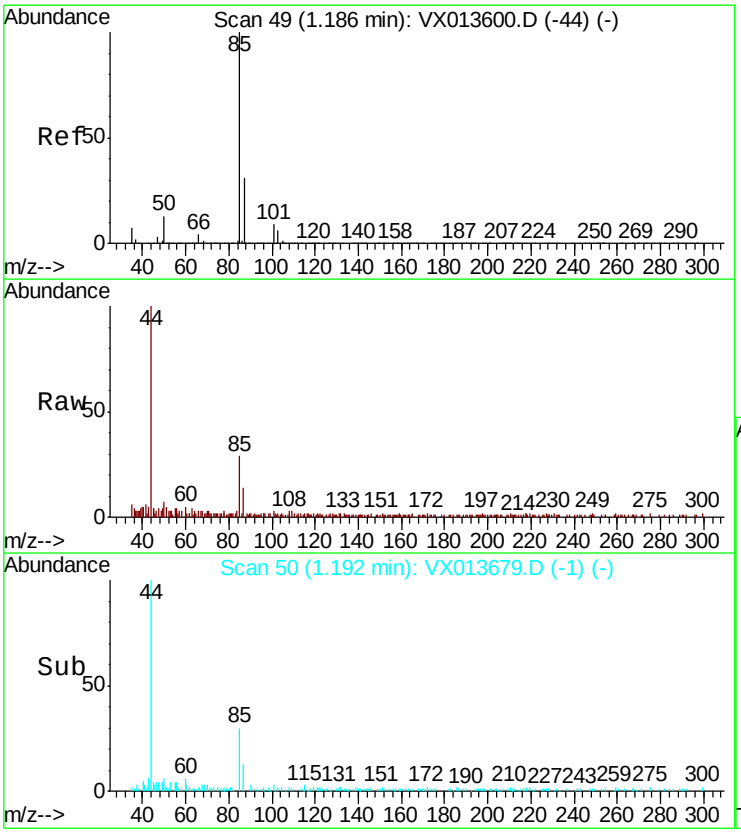
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013679.D
Acq: 28 Nov 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 696670

Ion	Ratio	Lower	Upper
168	100		
99	49.5	39.8	59.8

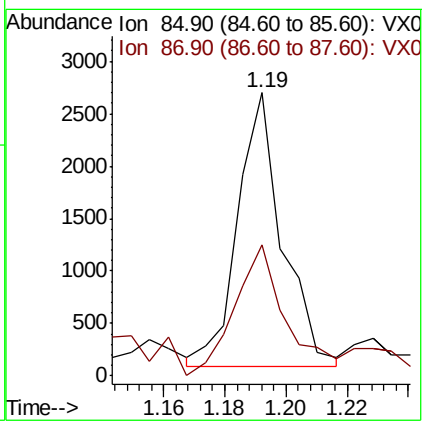


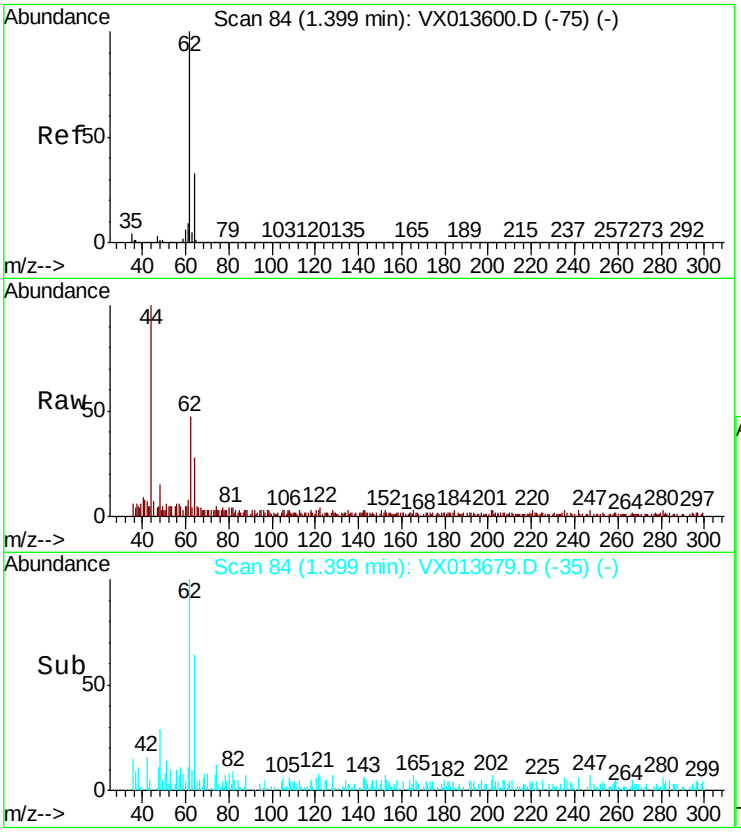


#2
Dichlorodifluoromethane
Concen: 0.341 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013679.D
Acq: 28 Nov 2019 02:44

Tgt Ion: 85 Resp: 2647

Ion	Ratio	Lower	Upper
85	100		
87	45.3	15.7	47.1



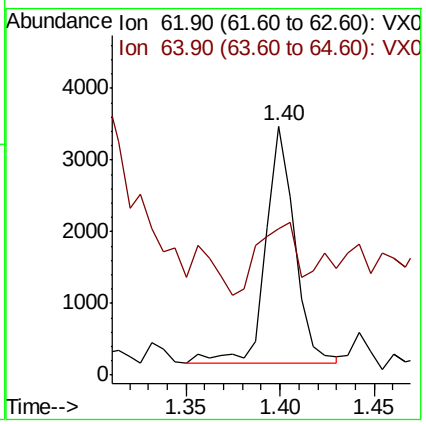


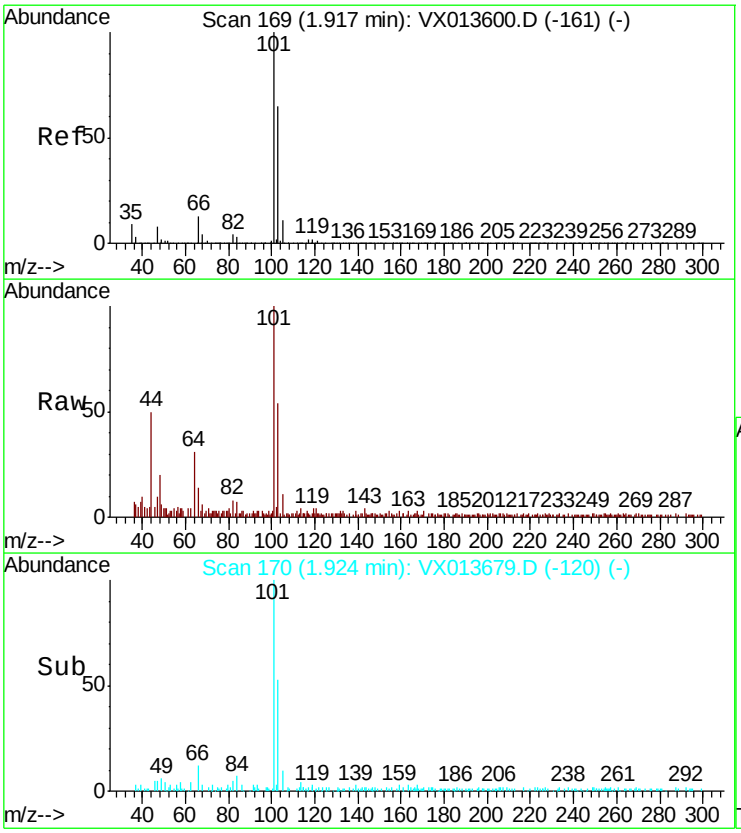
#4
Vinyl Chloride
Concen: 0.361 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013679.D
Acq: 28 Nov 2019 02:44

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 3539

Ion	Ratio	Lower	Upper
62	100		
64	20.5	26.0	39.0#

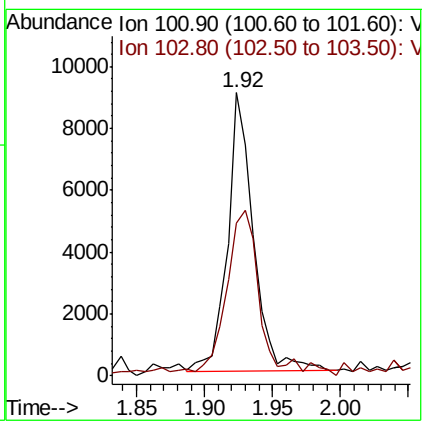


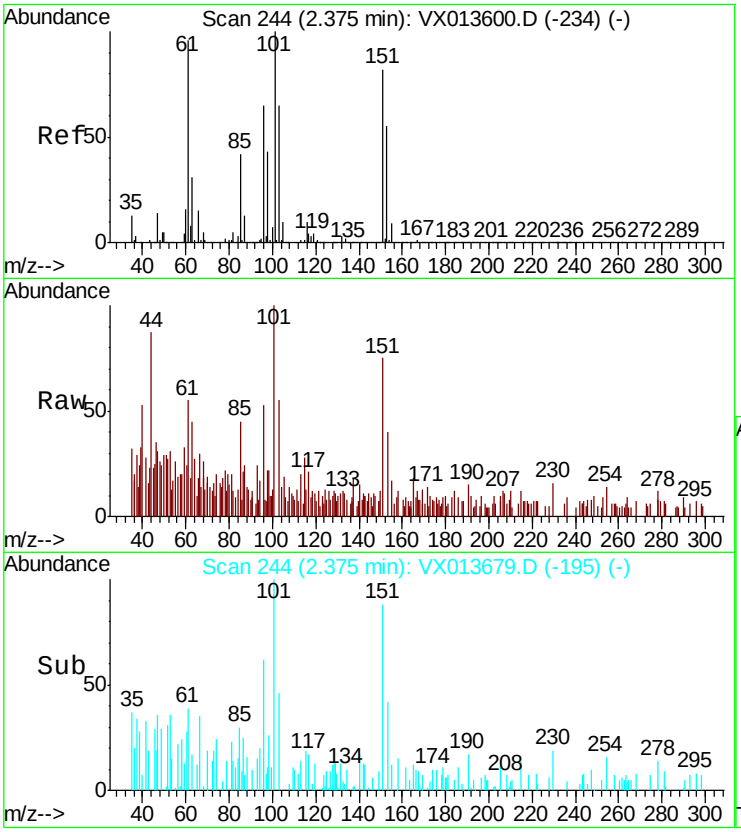


#7
Trichlorofluoromethane
Concen: 1.103 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013679.D
Acq: 28 Nov 2019 02:44

Tgt Ion:101 Resp: 11995

Ion	Ratio	Lower	Upper
101	100		
103	52.8	51.8	77.6



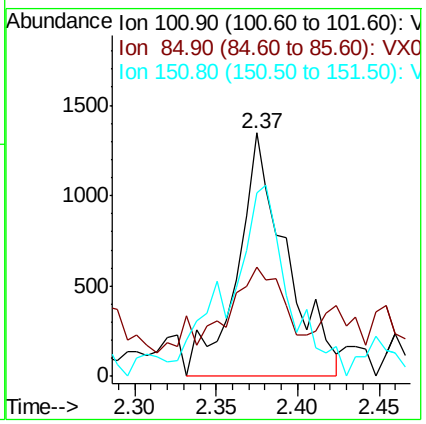


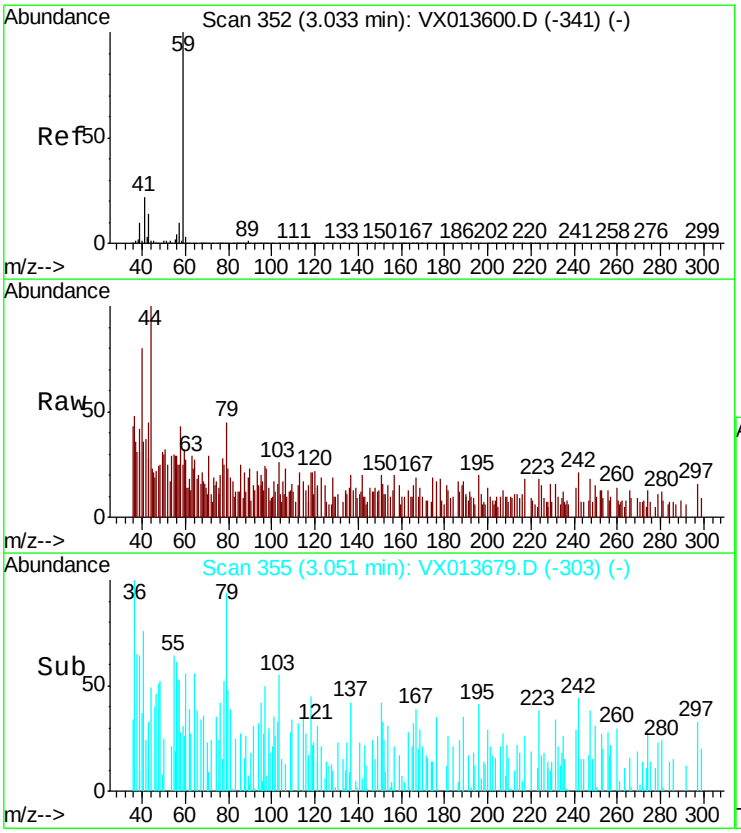
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.425 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.00 min
Lab File: VX013679.D
Acq: 28 Nov 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:101 Resp: 2820

Ion	Ratio	Lower	Upper
101	100		
85	52.7	33.9	50.9#
151	95.4	64.2	96.2

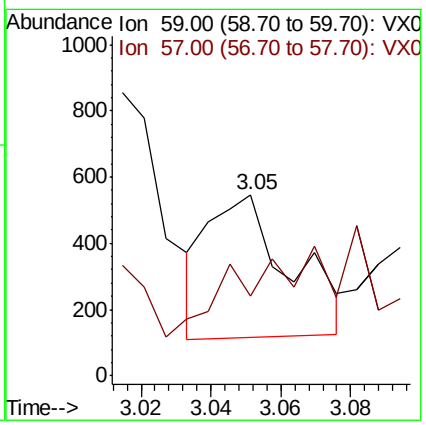


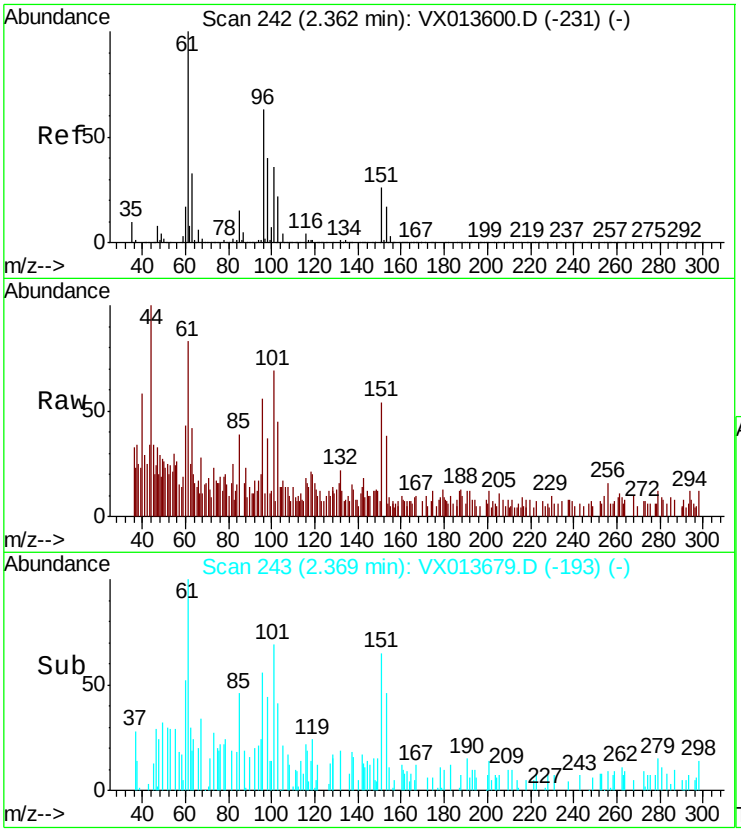


#11
Tert butyl alcohol
Concen: 0.354 ug/l
RT: 3.05 min Scan# 355
Delta R.T. 0.02 min
Lab File: VX013679.D
Acq: 28 Nov 2019 02:44

Tgt Ion: 59 Resp: 707

Ion	Ratio	Lower	Upper
59	100		
57	68.2	7.8	11.6#



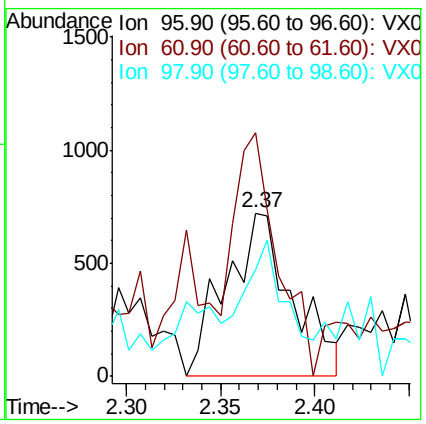


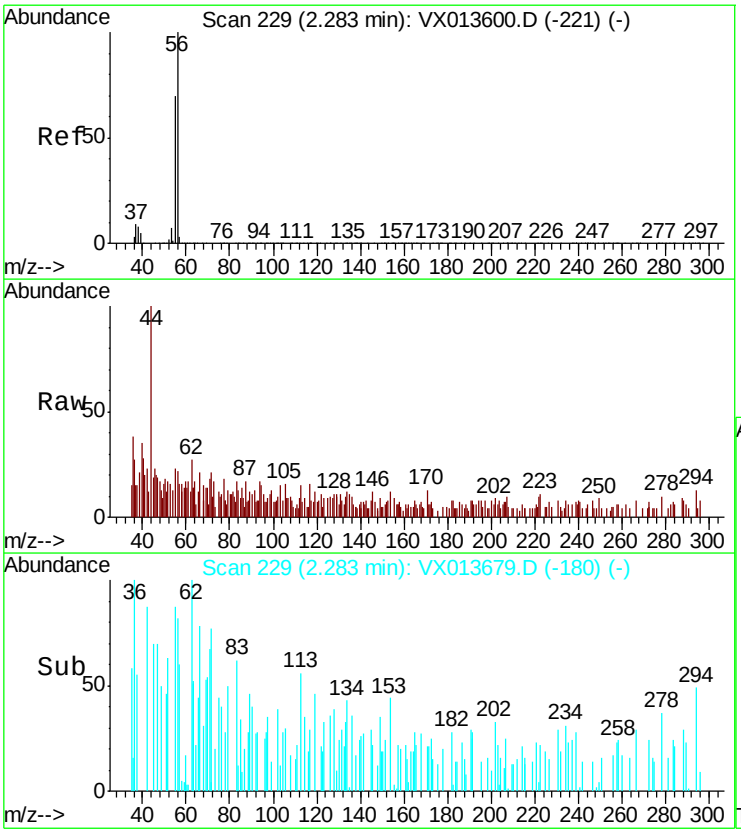
#12
1,1-Dichloroethene
Concen: 0.267 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX013679.D
Acq: 28 Nov 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 1772

Ion	Ratio	Lower	Upper
96	100		
61	168.3	126.6	190.0
98	62.1	50.6	76.0

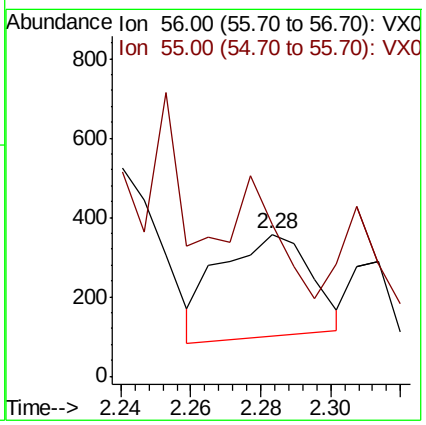


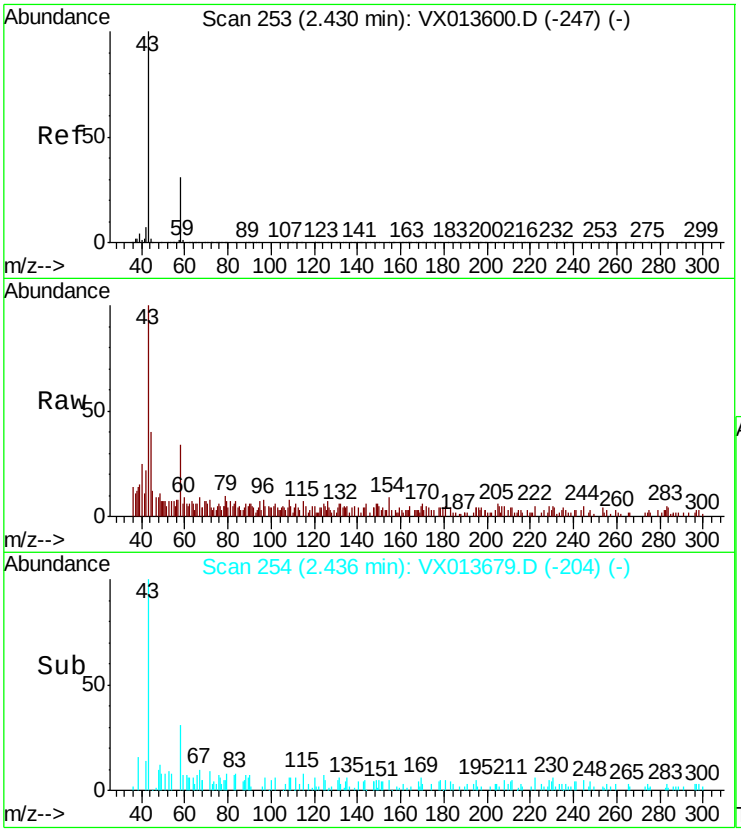


#13
Acrolein
Concen: 6.344 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013679.D
Acq: 28 Nov 2019 02:44

Tgt Ion: 56 Resp: 466

Ion	Ratio	Lower	Upper
56	100		
55	45.1	56.2	84.4#



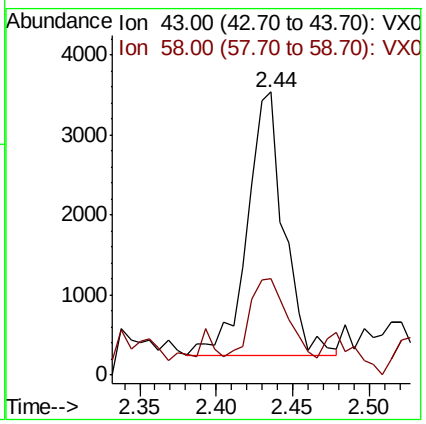


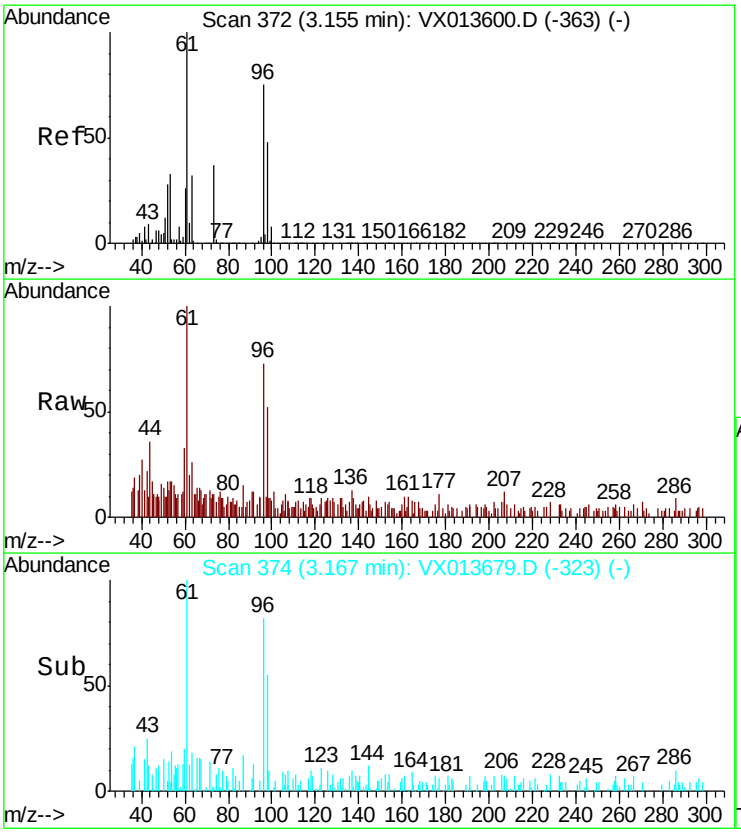
#16
Acetone
Concen: 1.366 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX013679.D
Acq: 28 Nov 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 5454

Ion	Ratio	Lower	Upper
43	100		
58	28.9	24.6	36.8

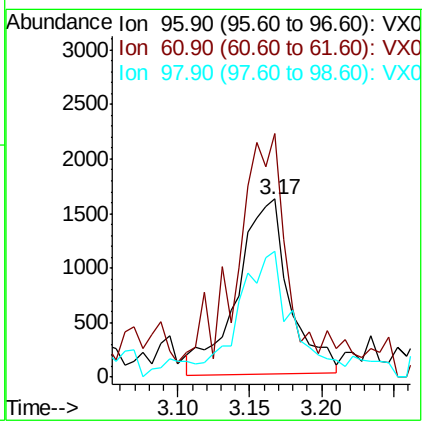


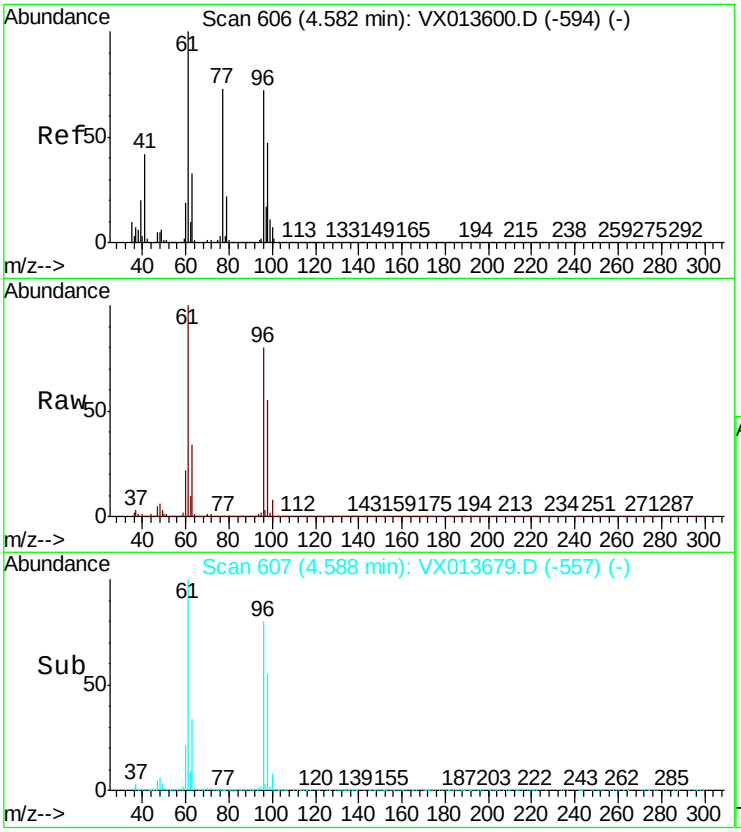


#21
trans-1,2-Dichloroethene
Concen: 0.556 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX013679.D
Acq: 28 Nov 2019 02:44

Tgt Ion: 96 Resp: 4015

Ion	Ratio	Lower	Upper
96	100		
61	129.0	107.2	160.8
98	65.5	51.4	77.0



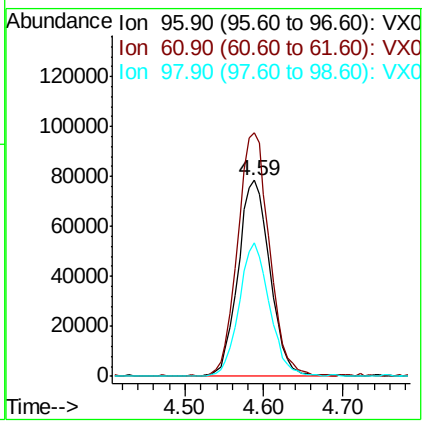


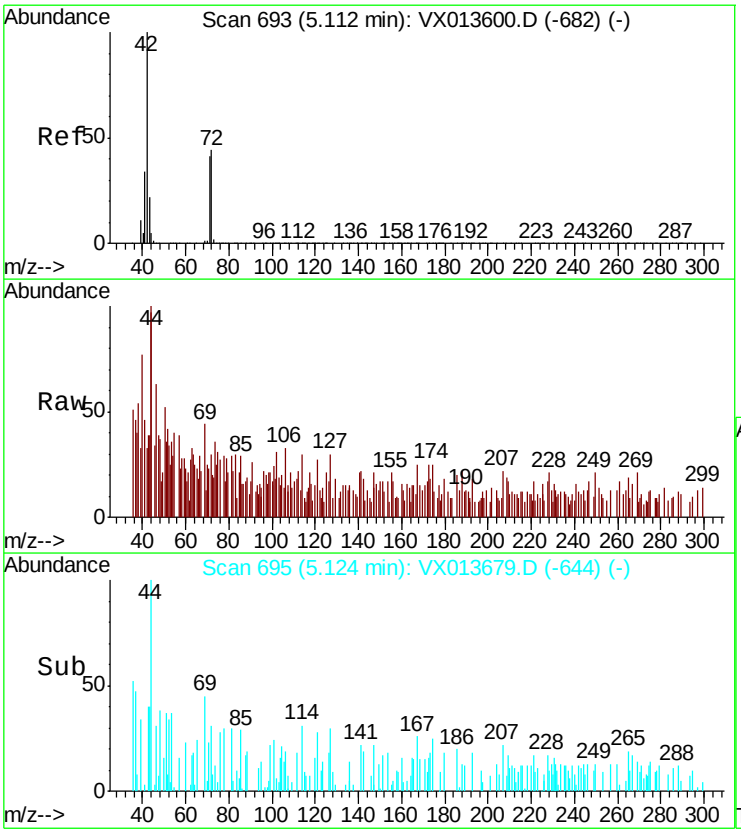
#27
cis-1,2-Dichloroethene
Concen: 26.537 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013679.D
Acq: 28 Nov 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 220112

Ion	Ratio	Lower	Upper
96	100		
61	124.9	0.0	286.4
98	64.9	0.0	127.4

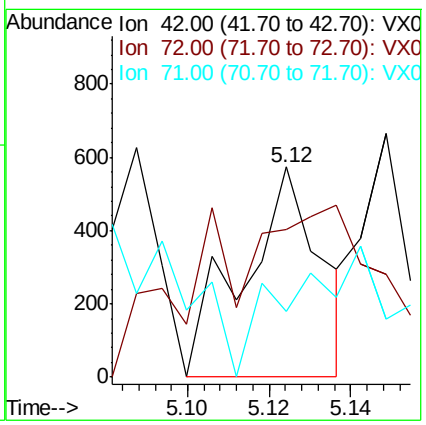


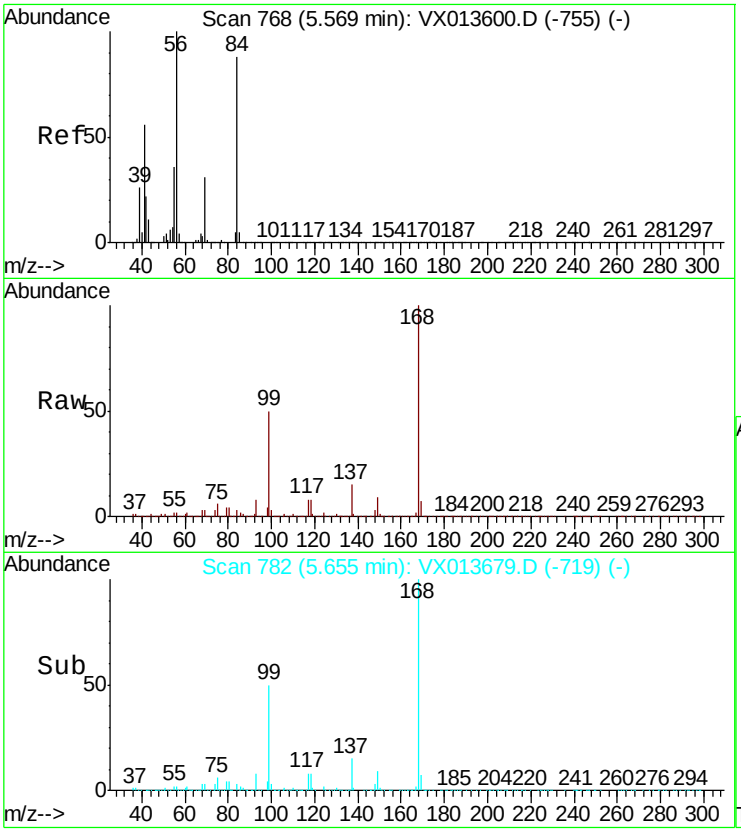


#29
Tetrahydrofuran
Concen: 0.207 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX013679.D
Acq: 28 Nov 2019 02:44

Tgt Ion: 42 Resp: 756

Ion	Ratio	Lower	Upper
42	100		
72	61.1	36.3	54.5#
71	0.0	33.2	49.8#



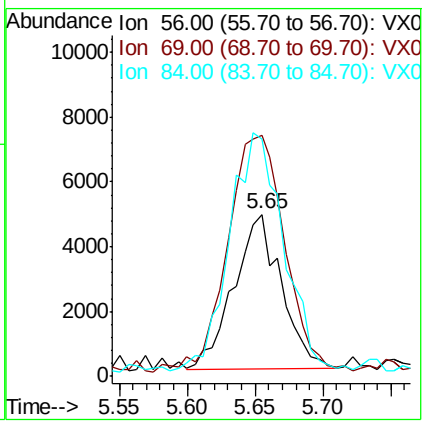


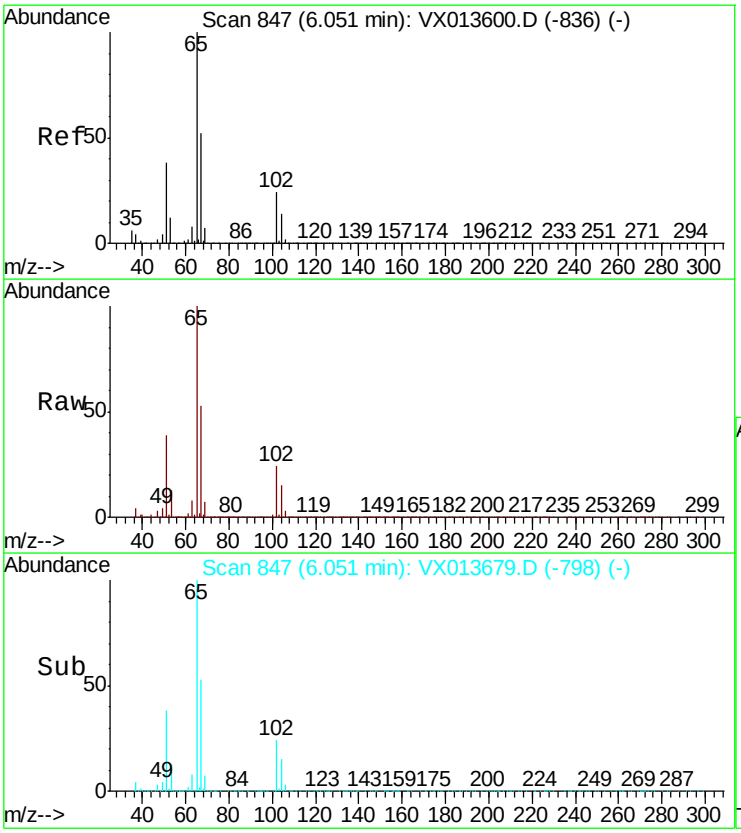
#31
Cyclohexane
Concen: 0.968 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.09 min
Lab File: VX013679.D
Acq: 28 Nov 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 11566

Ion	Ratio	Lower	Upper
56	100		
69	151.0	24.6	36.8#
84	148.6	70.0	105.0#

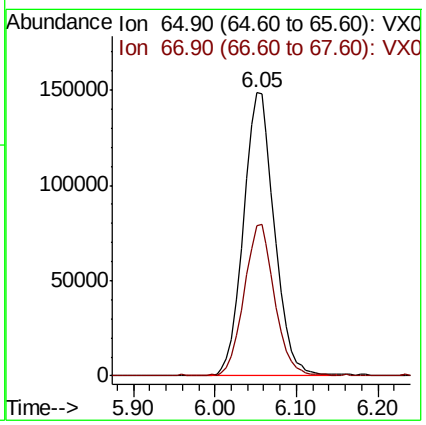


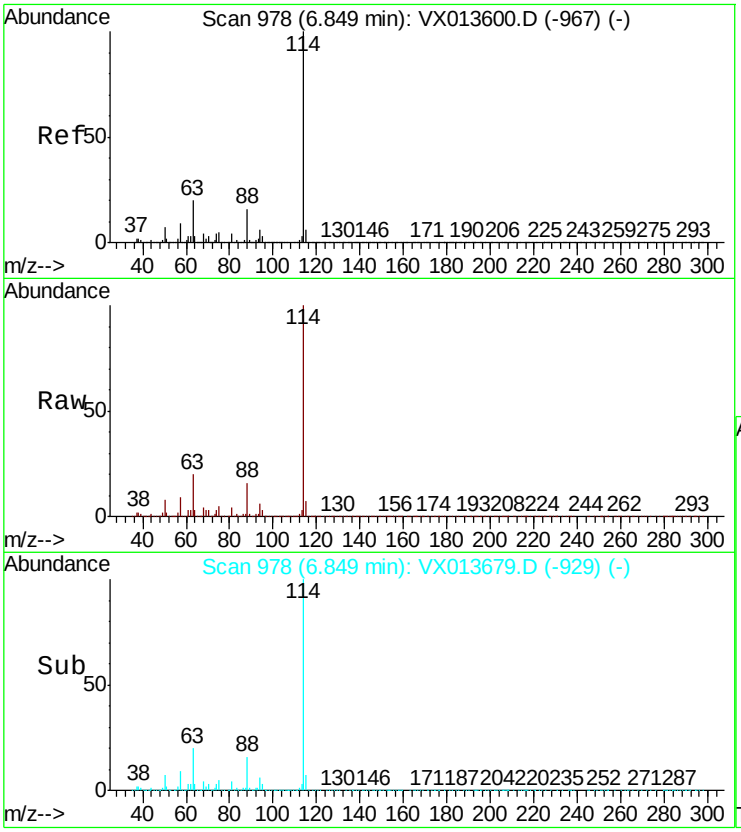


#33
1,2-Dichloroethane-d4
Concen: 48.328 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013679.D
Acq: 28 Nov 2019 02:44

Tgt Ion: 65 Resp: 390815

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.4



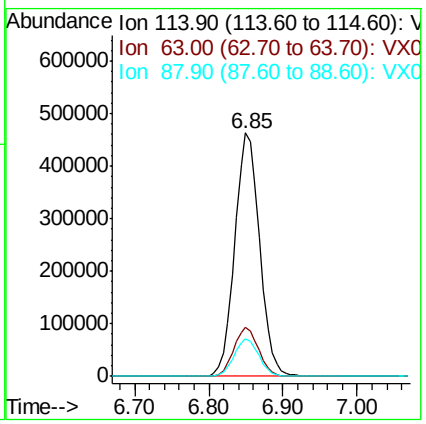


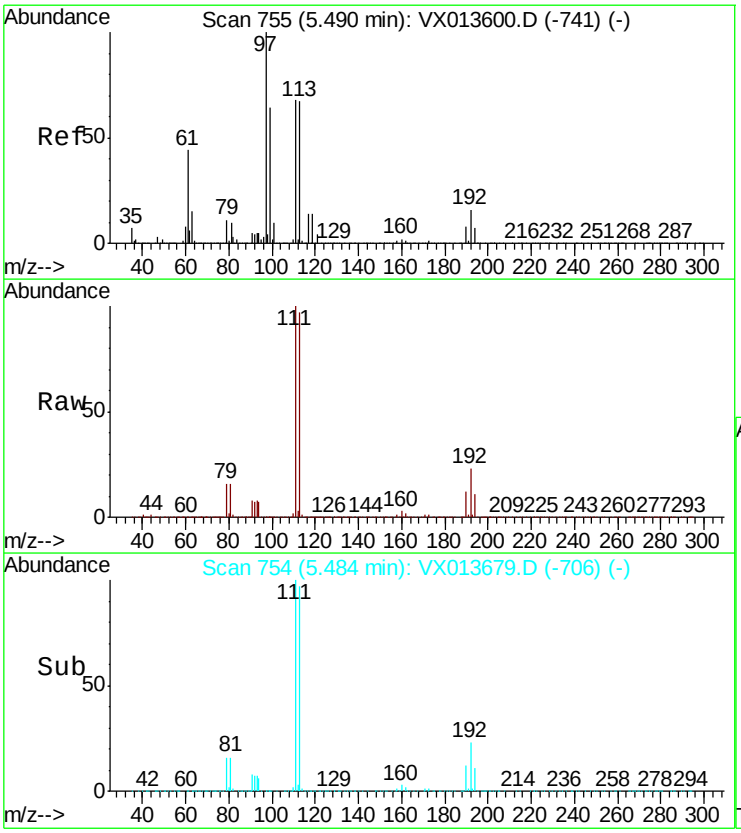
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013679.D
Acq: 28 Nov 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 1086742

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.6
88	15.5	0.0	31.4

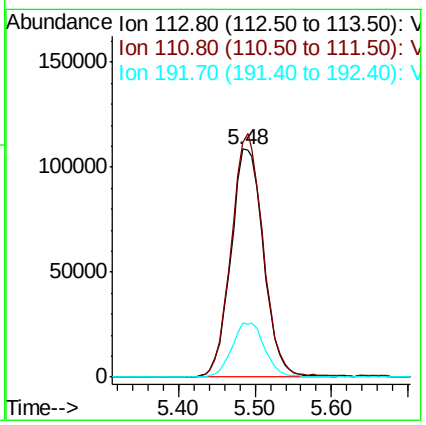


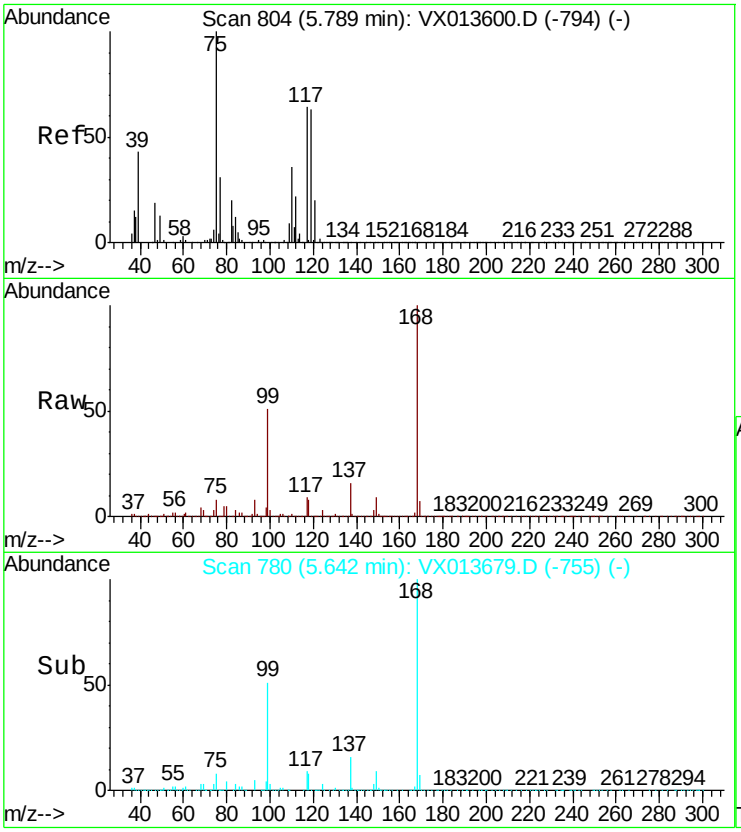


#35
Dibromofluoromethane
Concen: 47.537 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013679.D
Acq: 28 Nov 2019 02:44

Tgt Ion:113 Resp: 319371

Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.6	125.4
192	24.0	19.2	28.8



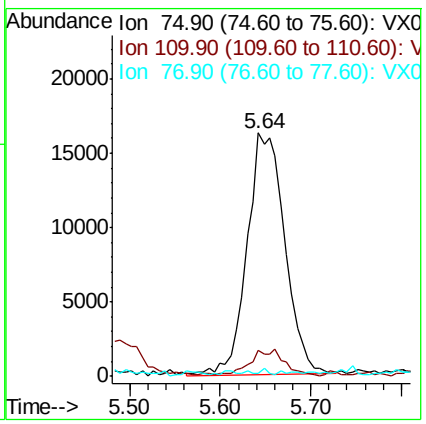


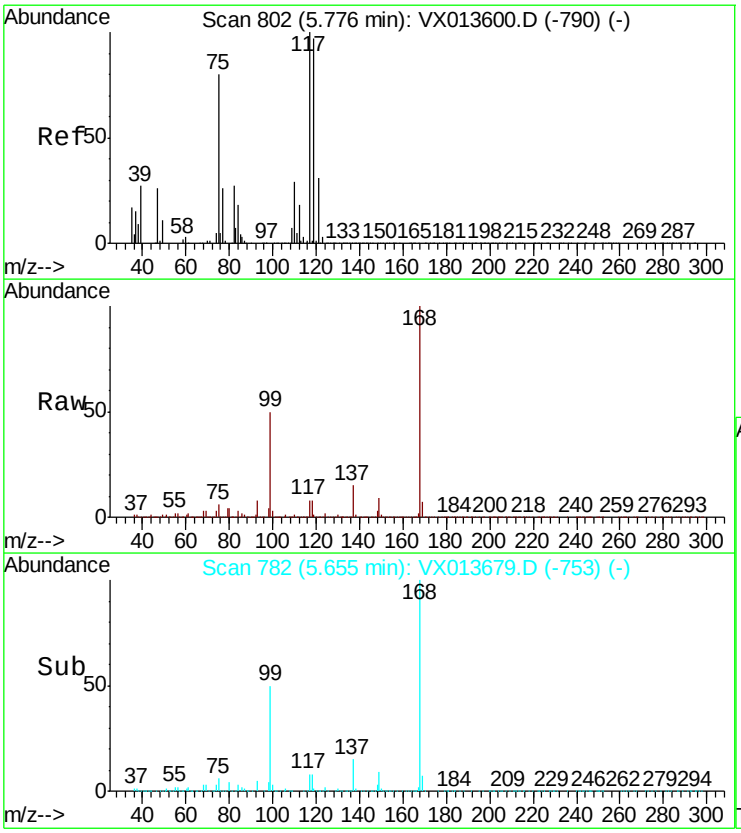
#36
1,1-Dichloropropene
Concen: 4.728 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.15 min
Lab File: VX013679.D
Acq: 28 Nov 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 46642

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.1#
77	0.5	24.5	36.7#

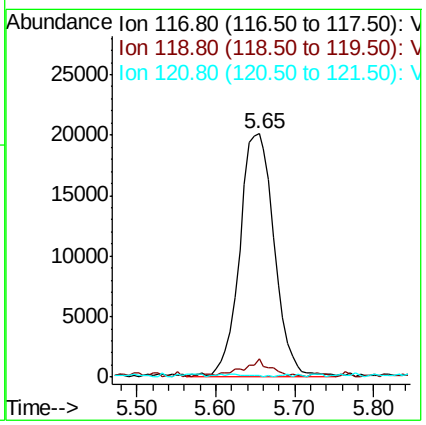


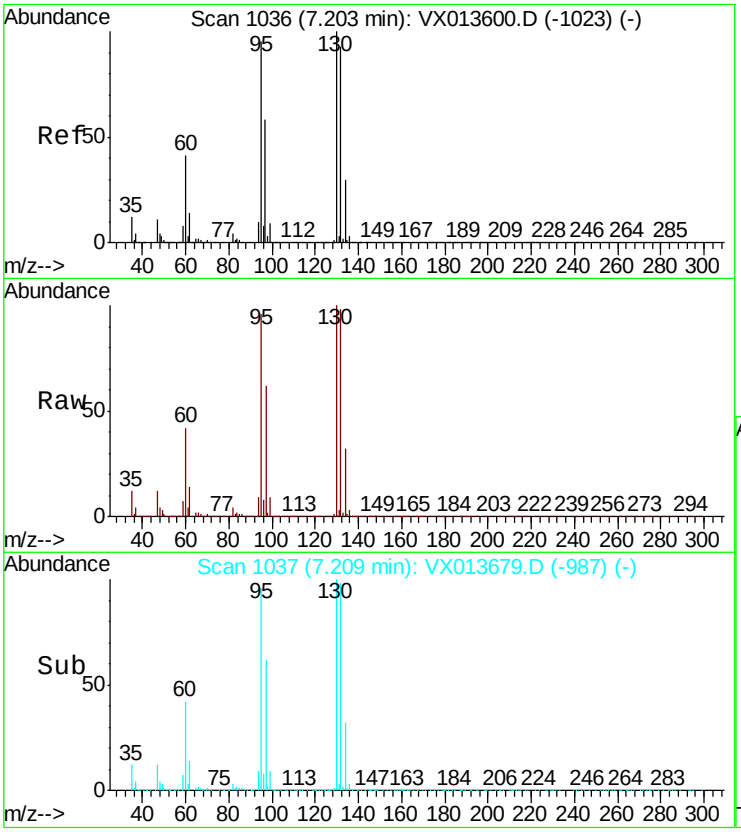


#38
Carbon Tetrachloride
Concen: 6.678 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX013679.D
Acq: 28 Nov 2019 02:44

Tgt Ion:117 Resp: 60741

Ion	Ratio	Lower	Upper
117	100		
119	7.0	77.5	116.3#
121	0.2	25.0	37.6#



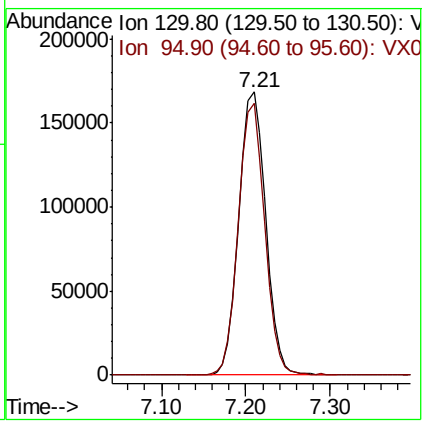


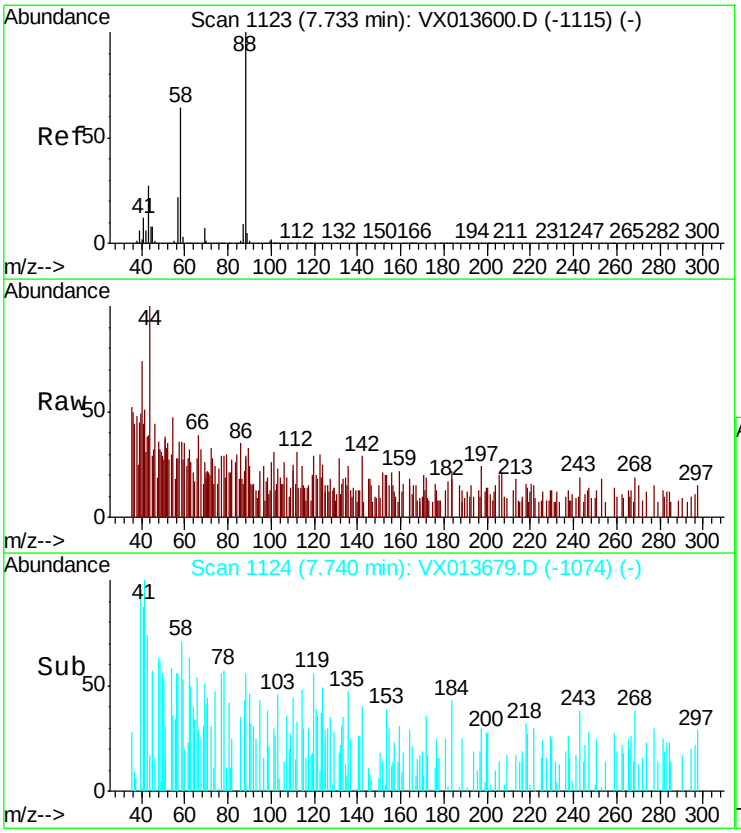
#44
Trichloroethene
Concen: 43.990 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013679.D
Acq: 28 Nov 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:130 Resp: 362731

Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	190.8

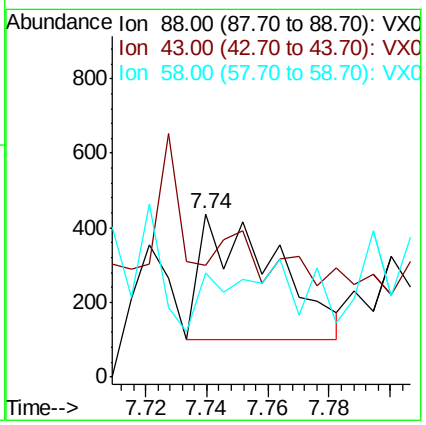


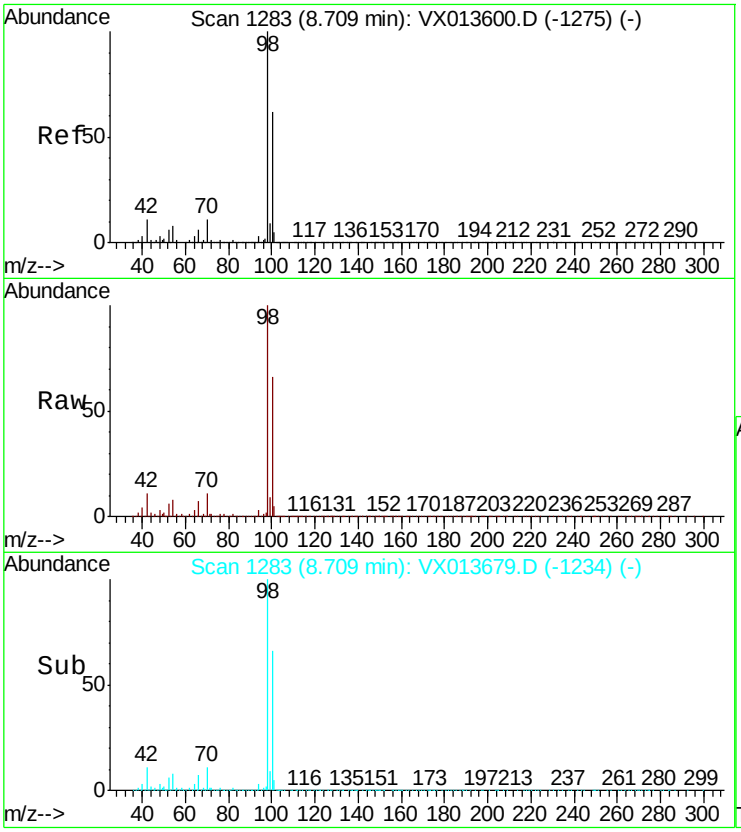


#49
1,4-Dioxane
Concen: 2.866 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX013679.D
Acq: 28 Nov 2019 02:44

Tgt Ion: 88 Resp: 568

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.8	38.6#
58	0.0	54.6	82.0#



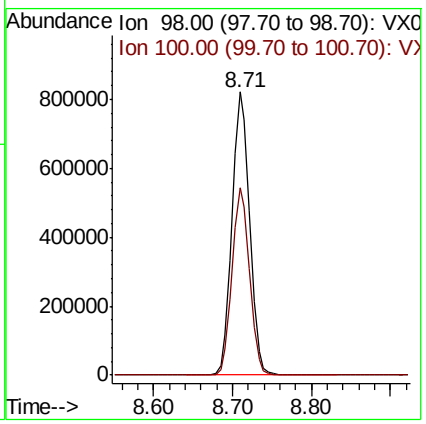


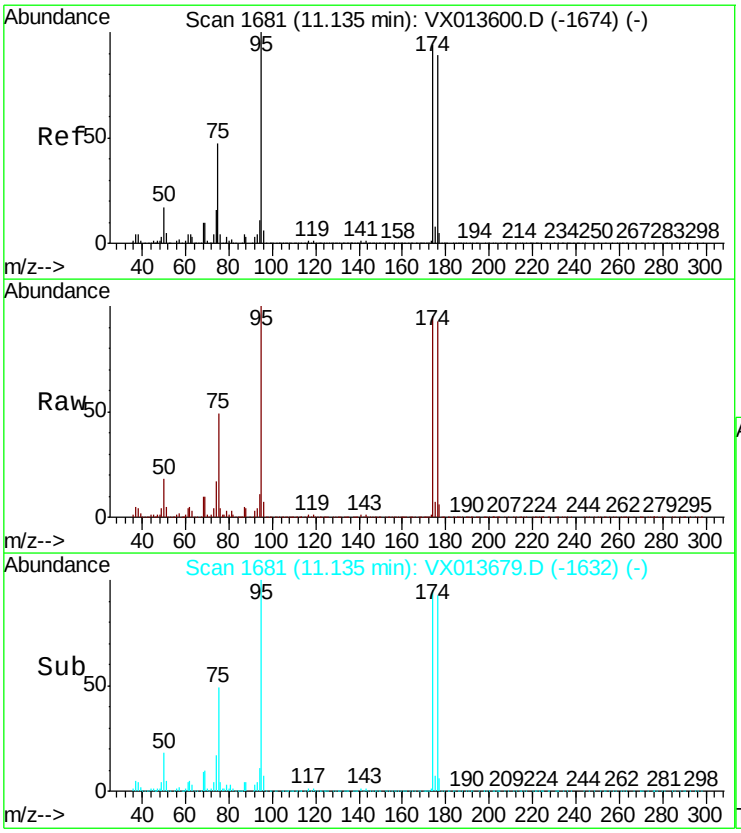
#50
Toluene-d8
Concen: 48.782 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013679.D
Acq: 28 Nov 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 1276895

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.1	79.7

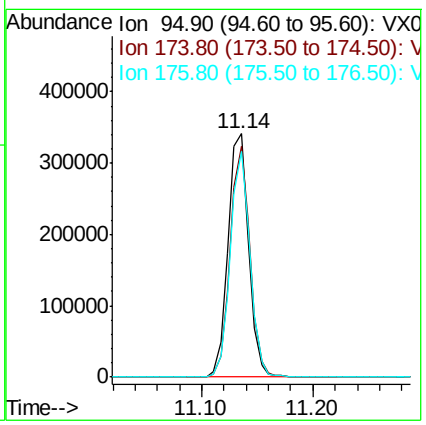


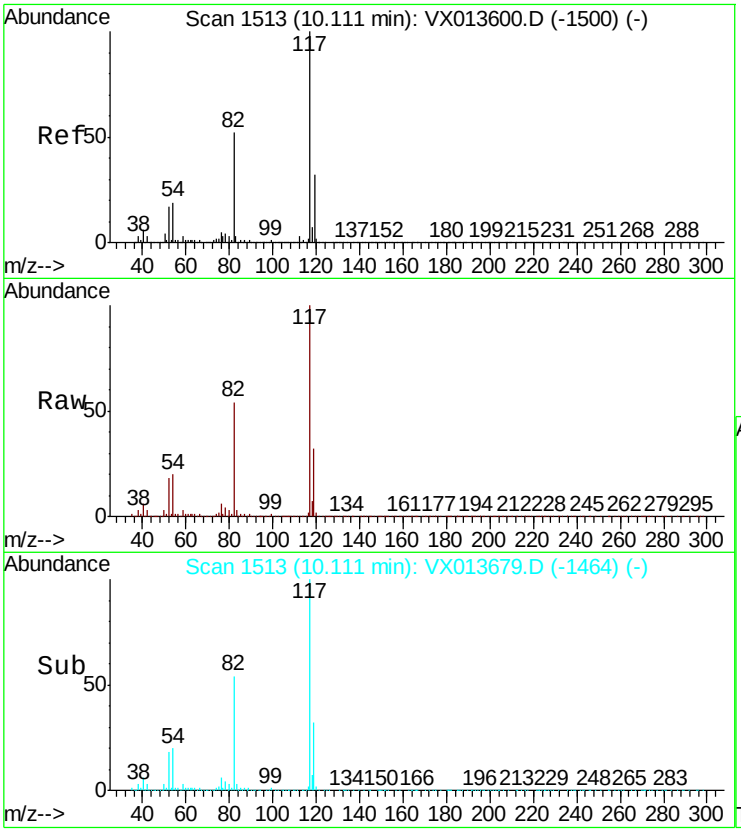


#62
4-Bromofluorobenzene
Concen: 46.076 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013679.D
Acq: 28 Nov 2019 02:44

Tgt Ion: 95 Resp: 434913

Ion	Ratio	Lower	Upper
95	100		
174	91.5	0.0	180.0
176	88.9	0.0	173.6



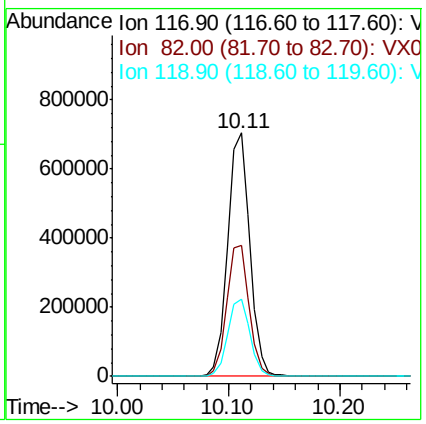


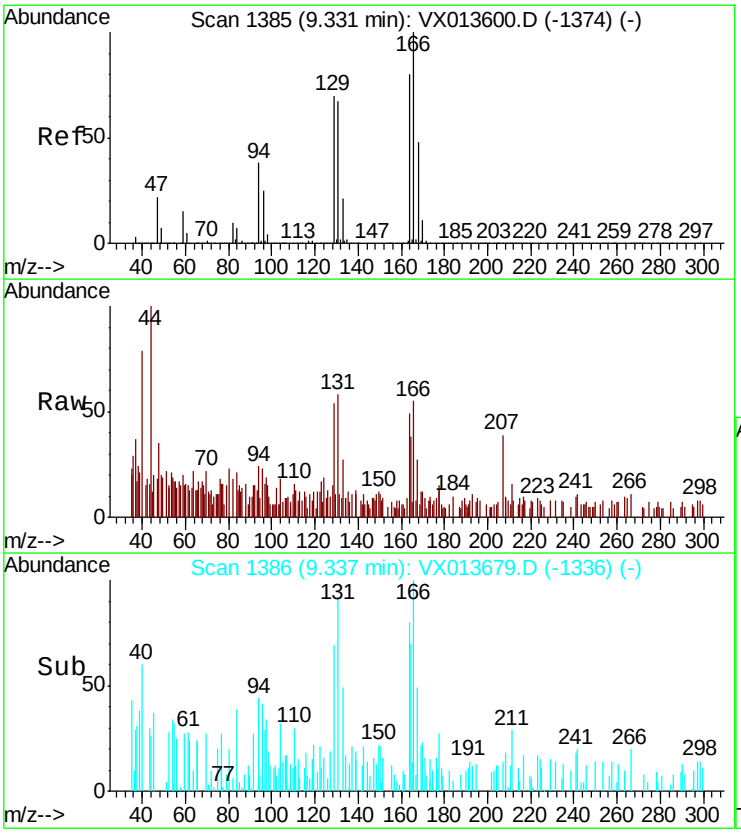
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013679.D
Acq: 28 Nov 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 966809

Ion	Ratio	Lower	Upper
117	100		
82	53.6	41.8	62.8
119	31.5	25.8	38.8

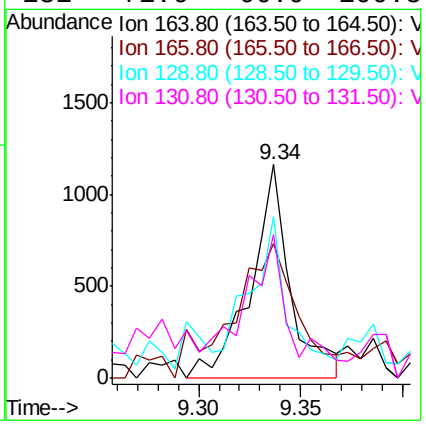


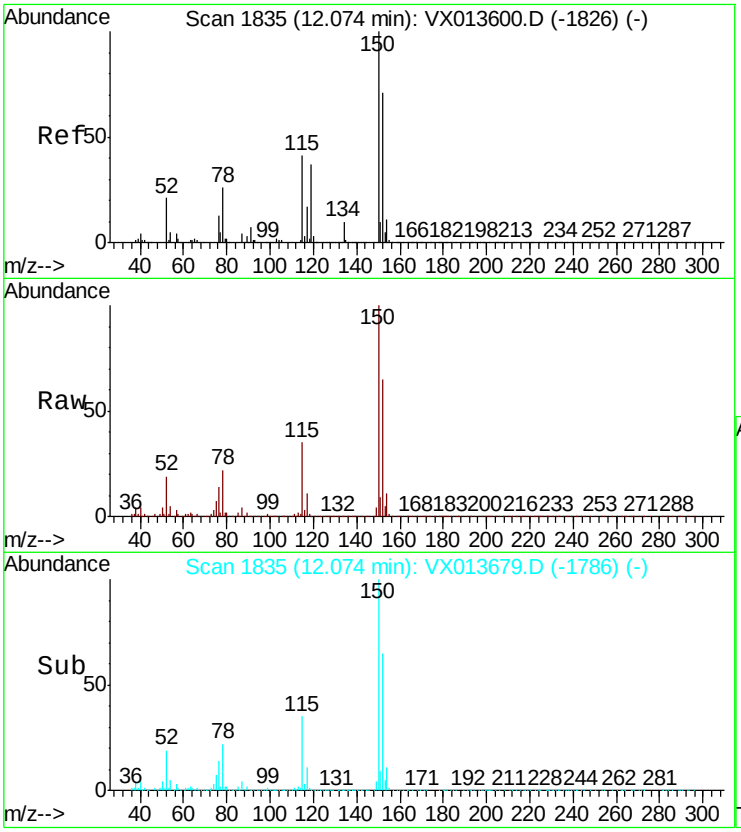


#64
Tetrachloroethene
Concen: 0.218 ug/l
RT: 9.34 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VX013679.D
Acq: 28 Nov 2019 02:44

Tgt Ion:164 Resp: 1572

Ion	Ratio	Lower	Upper
164	100		
166	52.1	99.7	149.5#
129	67.2	70.1	105.1#
131	71.6	66.9	100.3



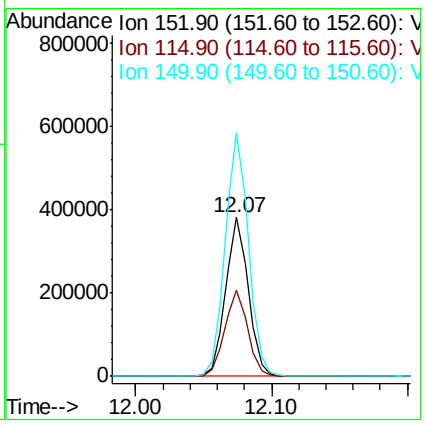


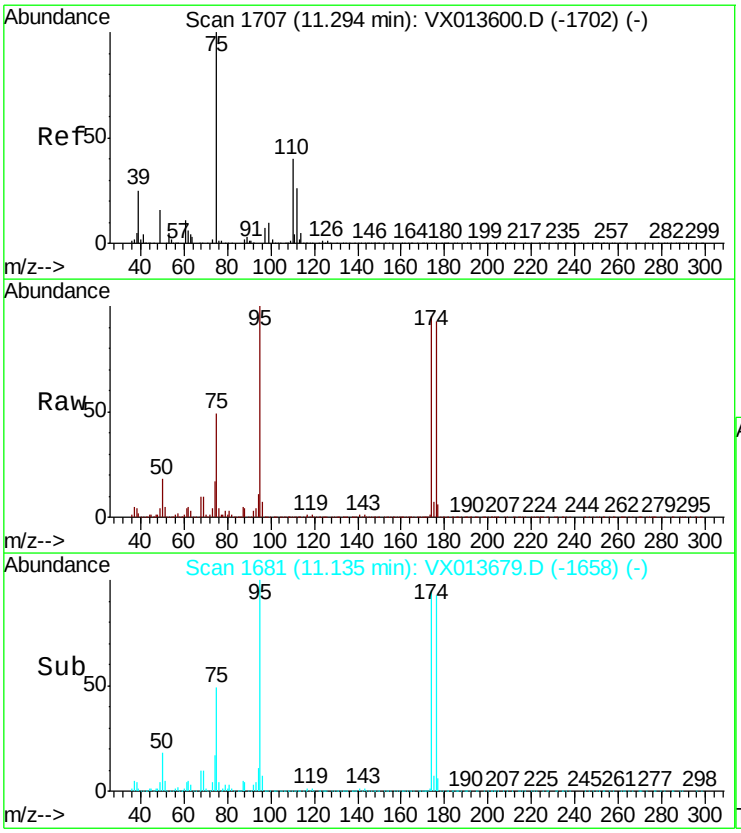
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013679.D
Acq: 28 Nov 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 441157

Ion	Ratio	Lower	Upper
152	100		
115	55.2	38.4	115.1
150	156.5	0.0	346.8

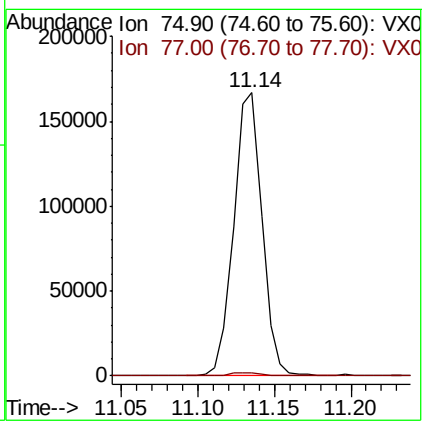


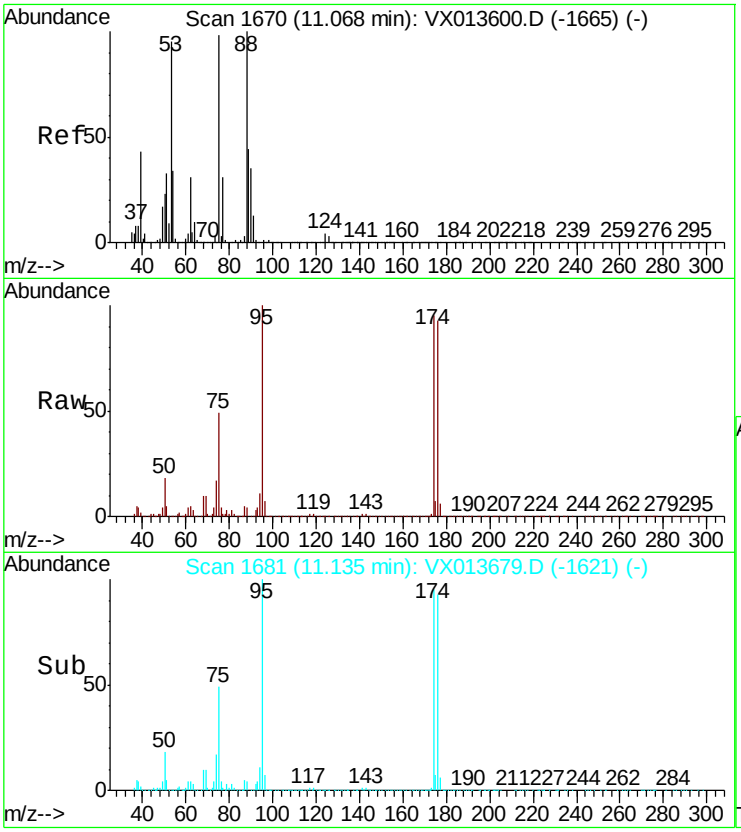


#76
1,2,3-Trichloropropane
Concen: 21.488 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX013679.D
Acq: 28 Nov 2019 02:44

Tgt Ion: 75 Resp: 213214

Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.1	57.5#



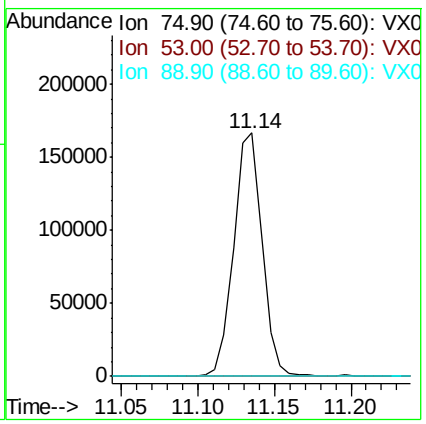


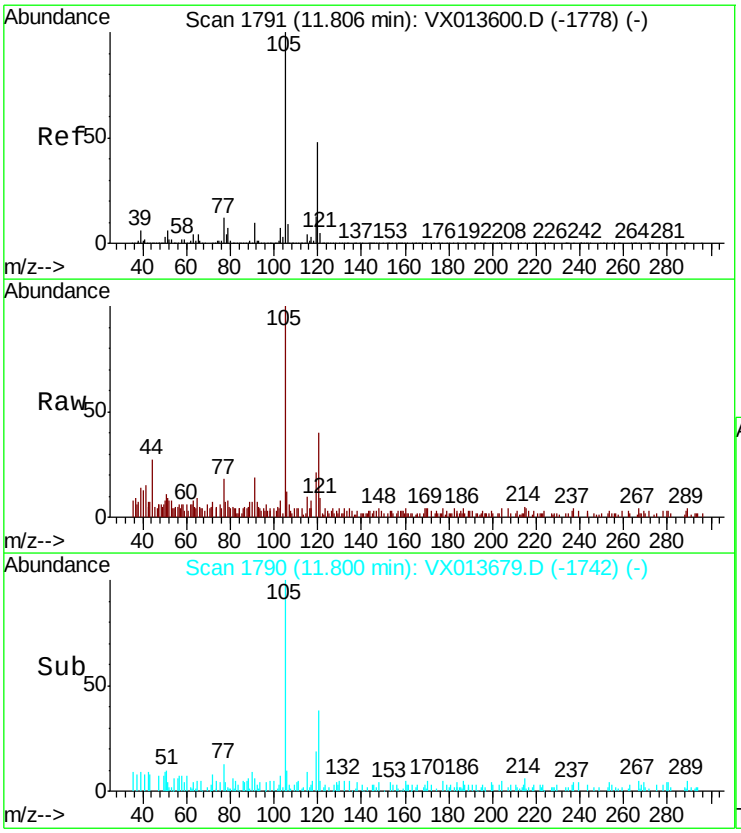
#81
trans-1,4-Dichloro-2-butene
Concen: 58.788 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX013679.D
Acq: 28 Nov 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 213214

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

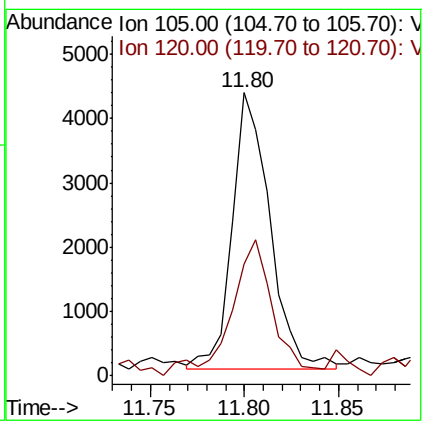


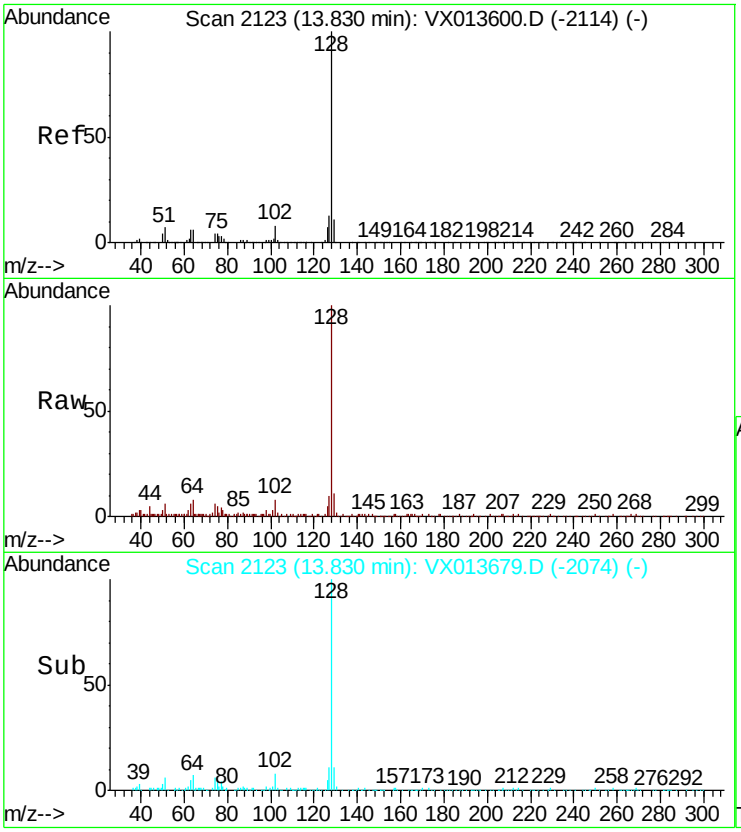


#84
1,2,4-Trimethylbenzene
Concen: 0.232 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX013679.D
Acq: 28 Nov 2019 02:44

Tgt Ion:105 Resp: 5984

Ion	Ratio	Lower	Upper
105	100		
120	55.8	23.1	69.3





#95
Naphthalene
Concen: 1.270 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013679.D
Acq: 28 Nov 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 37941

Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.3	15.5
129	10.4	8.7	13.1