Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121119\

Quantitation Report (Not Reviewed)

Data File : VX013939.D
Acq On : 11 Dec 2019 13:11
Operator : JC/SP
Sample : K6185-18DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP03-20191205DL

Quant Time: Dec 12 03:58:55 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	536978	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	830976	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	751717	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	345871	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	304376	48.83	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.66%				
35) Dibromofluoromethane	5.48	113	242471	47.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.40%				
50) Toluene-d8	8.71	98	989519	49.44	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.88%				
62) 4-Bromofluorobenzene	11.14	95	350137	48.51	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.02%				
Target Compounds							Qvalue
5) Bromomethane	1.62	94	3457	0.682	ug/l		82
6) Chloroethane	1.66	64	2930	0.682	ug/l		97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	18395	3.593	ug/l		93
10) Methyl Iodide	2.50	142	1427	0.230	ug/l	#	71
11) Tert butyl alcohol	3.01	59	9540	6.201	ug/l	#	92
12) 1,1-Dichloroethene	2.36	96	6156	1.205	ug/l		97
13) Acrolein	2.27	56	742	6.708	ug/l	#	43
16) Acetone	2.44	43	7115	2.312	ug/l		90
20) Methylene Chloride	2.84	84	4210	0.712	ug/l	#	90
25) 2-Butanone	4.68	43	1788	0.391	ug/l	#	51
27) cis-1,2-Dichloroethene	4.58	96	7144	1.117	ug/l		67
29) Tetrahydrofuran	5.00	42	805	0.286	ug/l		89
36) 1,1-Dichloropropene	5.65	75	36256	4.806	ug/l	#	54
38) Carbon Tetrachloride	5.65	117	48301	6.944	ug/l	#	15
41) Methacrylonitrile	5.02	41	1120	0.241	ug/l	#	61
44) Trichloroethene	7.20	130	328533	52.106	ug/l		98
46) Dibromomethane	7.64	93	980	0.251	ug/l	#	4
49) 1,4-Dioxane	7.74	88	643	4.244	ug/l	#	59
64) Tetrachloroethene	9.33	164	6001	1.070	ug/l		93
76) 1,2,3-Trichloropropane	11.14	75	171395	22.032	ug/l	#	40
81) trans-1,4-Dichloro-2-buten	11.14	75	171395	60.277	ug/l	#	11

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

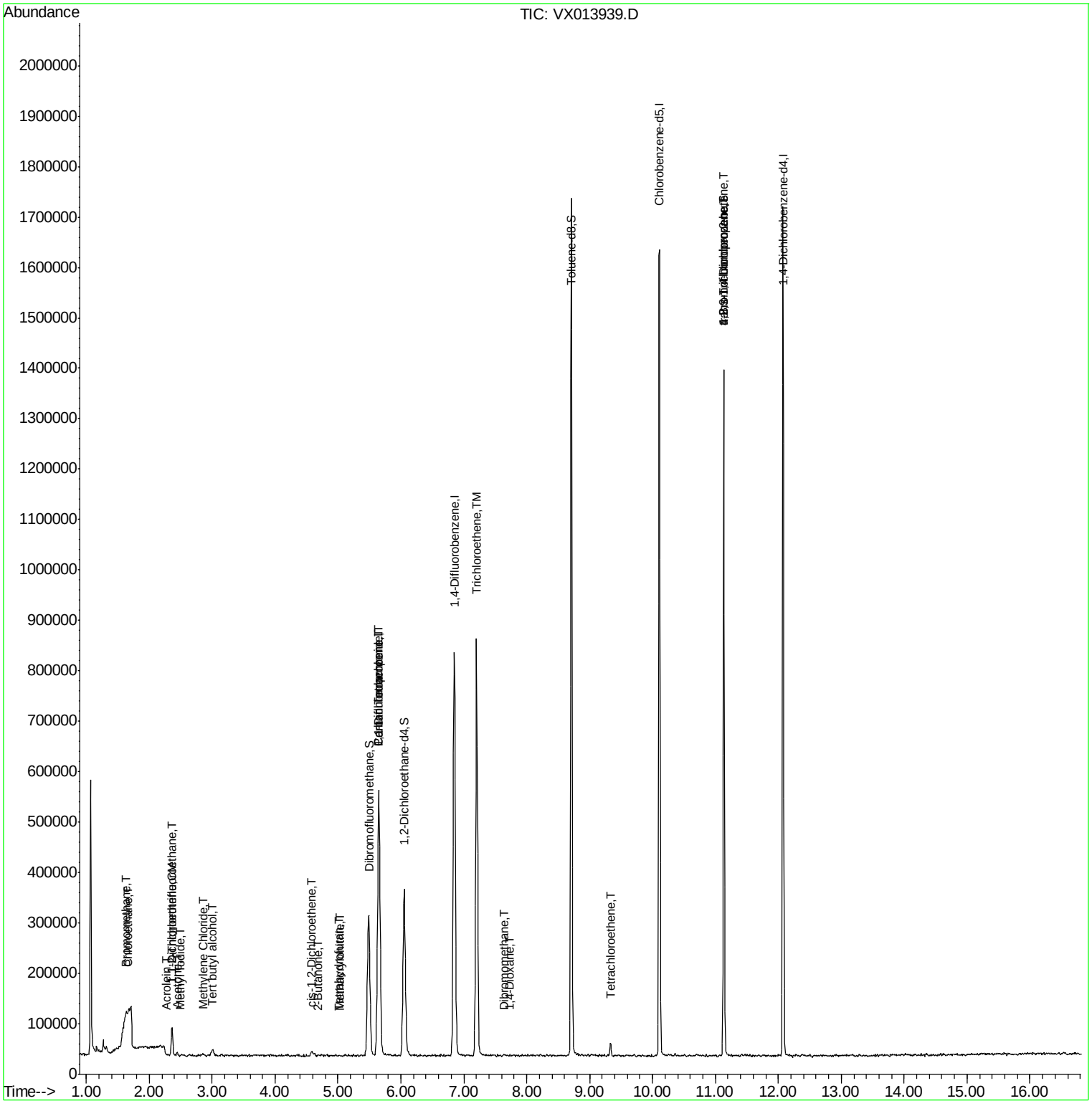
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121119\

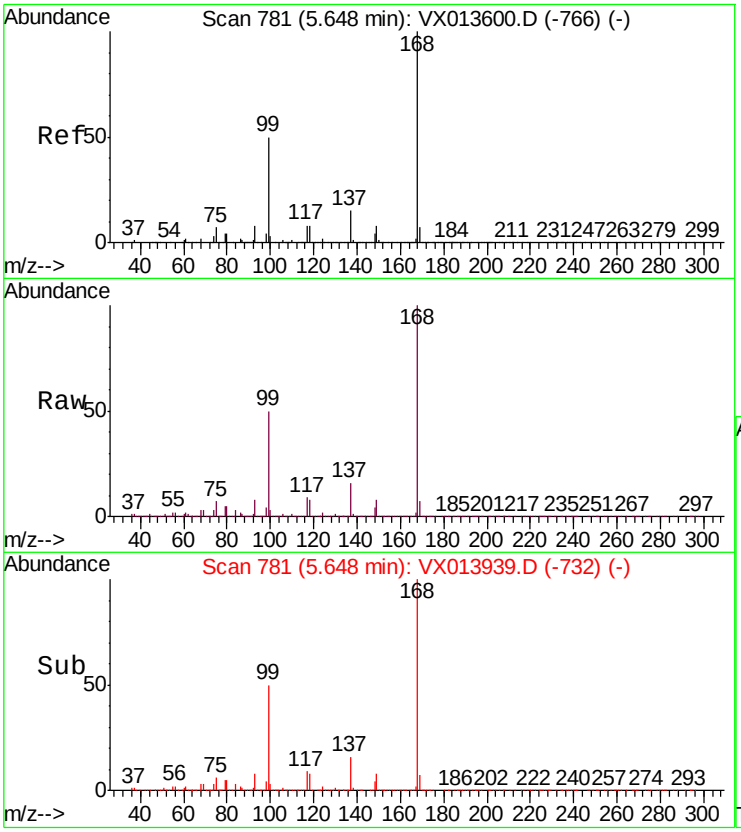
Quantitation Report (Not Reviewed)

Data File : VX013939.D
Acq On : 11 Dec 2019 13:11
Operator : JC/SP
Sample : K6185-18DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20191205DL

Quant Time: Dec 12 03:58:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration



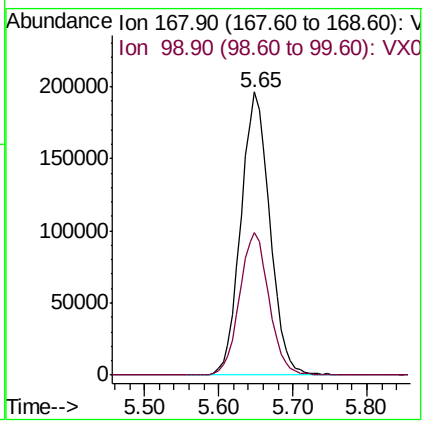


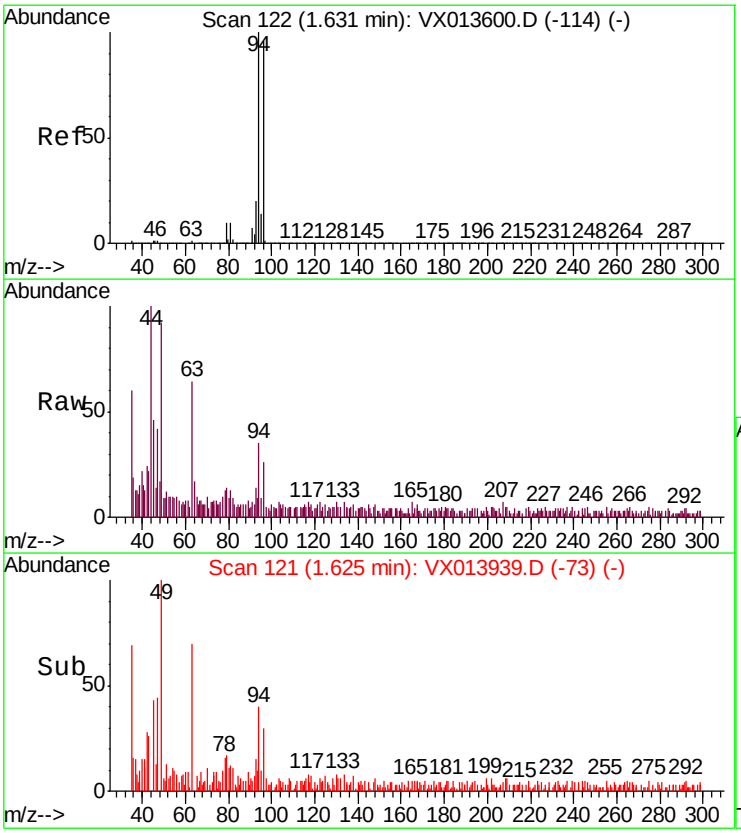
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20191205DL

Tgt Ion:168 Resp: 536978

Ion	Ratio	Lower	Upper
168	100		
99	50.5	39.8	59.8

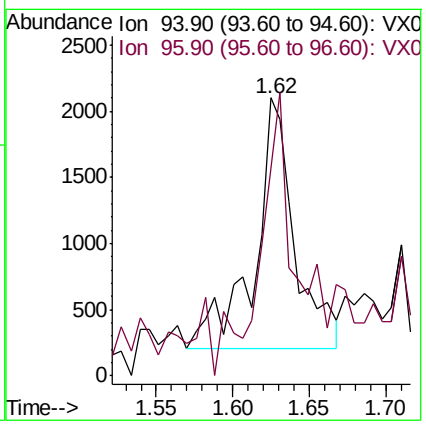


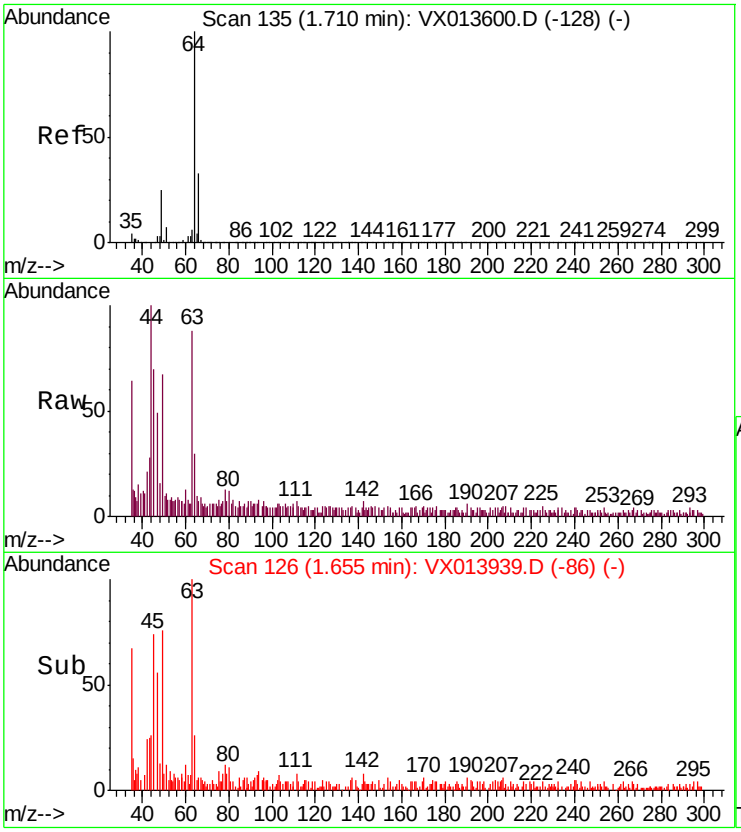


#5
Bromomethane
Concen: 0.682 ug/l
RT: 1.62 min Scan# 121
Delta R.T. -0.01 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Tgt Ion: 94 Resp: 3457

Ion	Ratio	Lower	Upper
94	100		
96	78.8	77.0	115.4



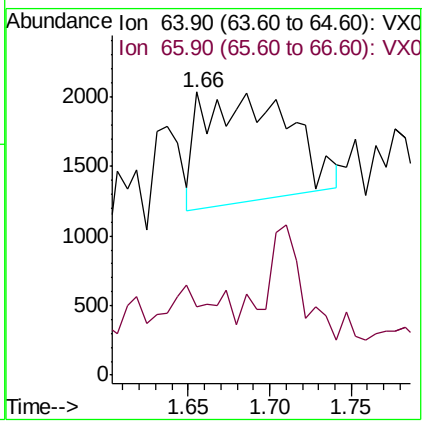


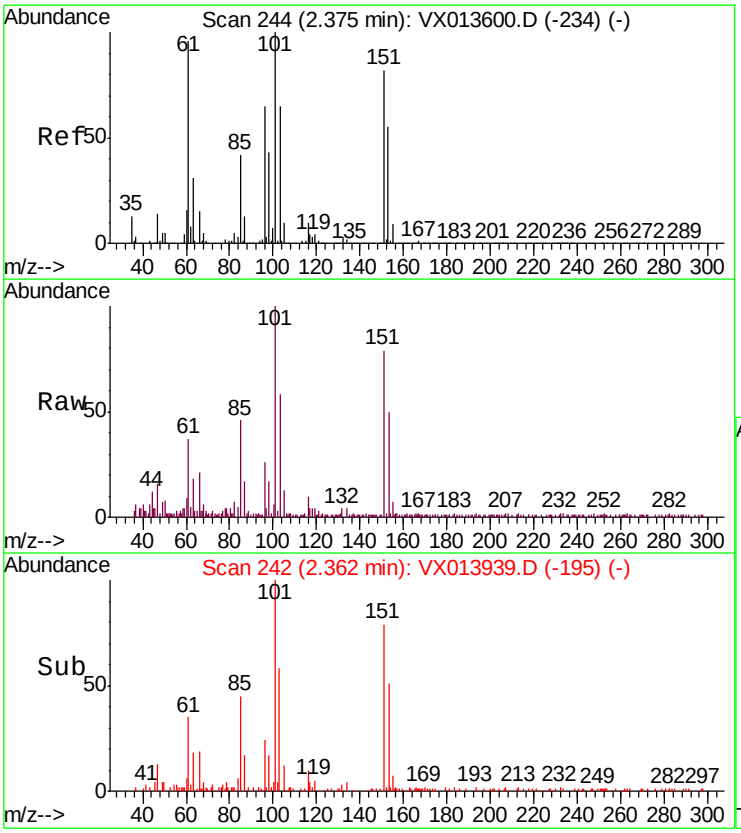
#6
Chloroethane
Concen: 0.682 ug/l
RT: 1.66 min Scan# 126
Delta R.T. -0.05 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20191205DL

Tgt Ion: 64 Resp: 2930

Ion	Ratio	Lower	Upper
64	100		
66	35.3	26.7	40.1

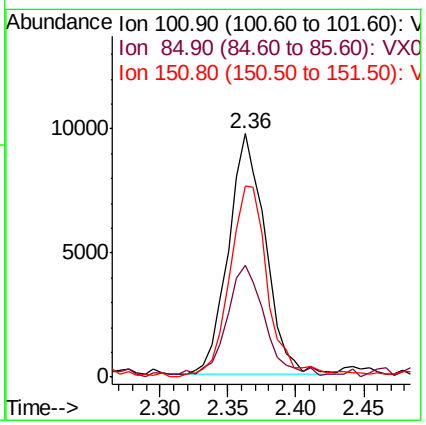


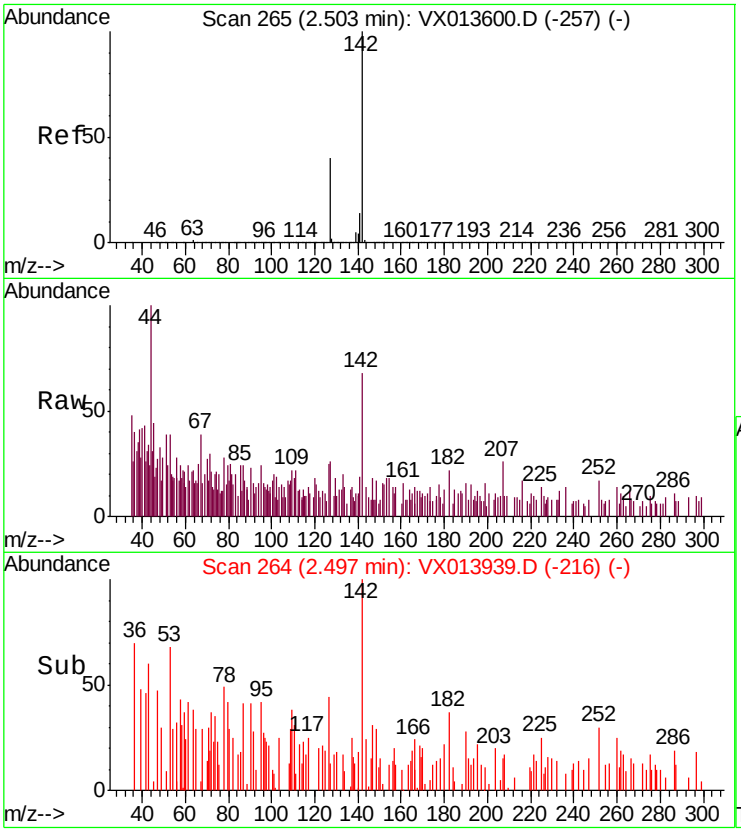


#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.593 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Tgt Ion:101 Resp: 18395

Ion	Ratio	Lower	Upper
101	100		
85	50.4	33.9	50.9
151	84.3	64.2	96.2



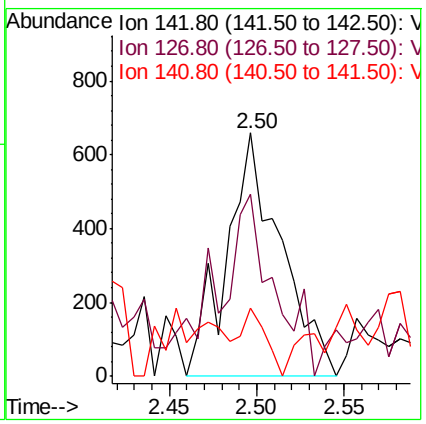


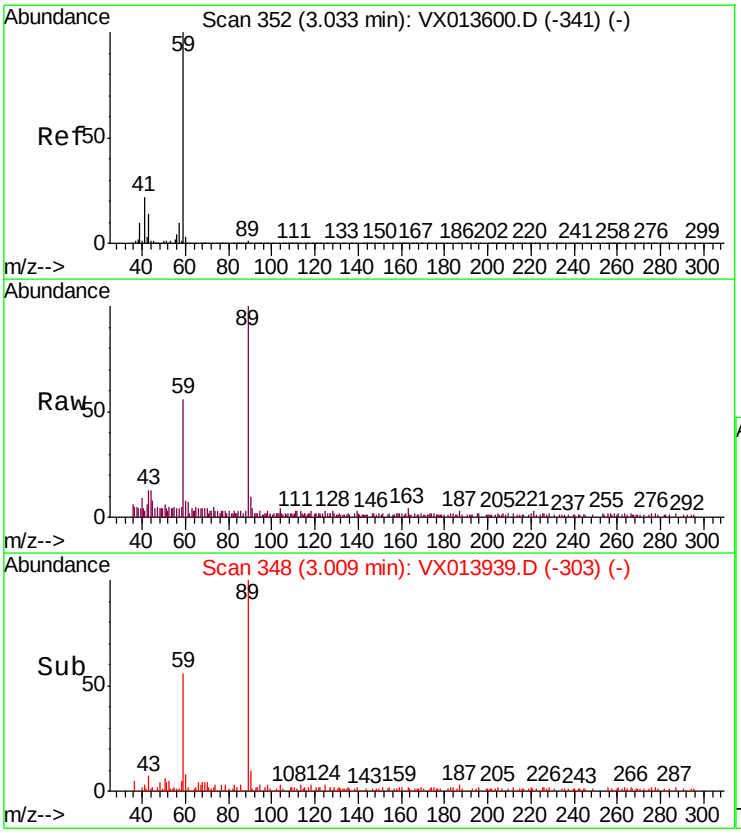
#10
Methyl Iodide
Concen: 0.230 ug/l
RT: 2.50 min Scan# 264
Delta R.T. -0.01 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20191205DL

Tgt Ion:142 Resp: 1427

Ion	Ratio	Lower	Upper
142	100		
127	62.0	31.0	46.4#
141	12.7	11.6	17.4

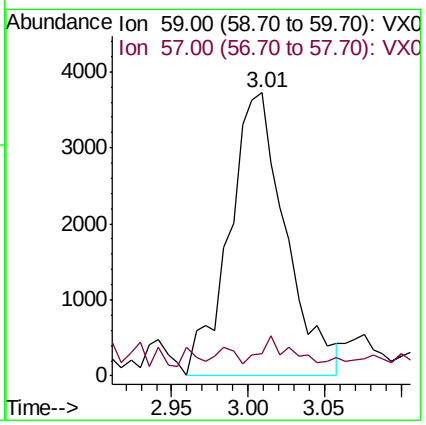


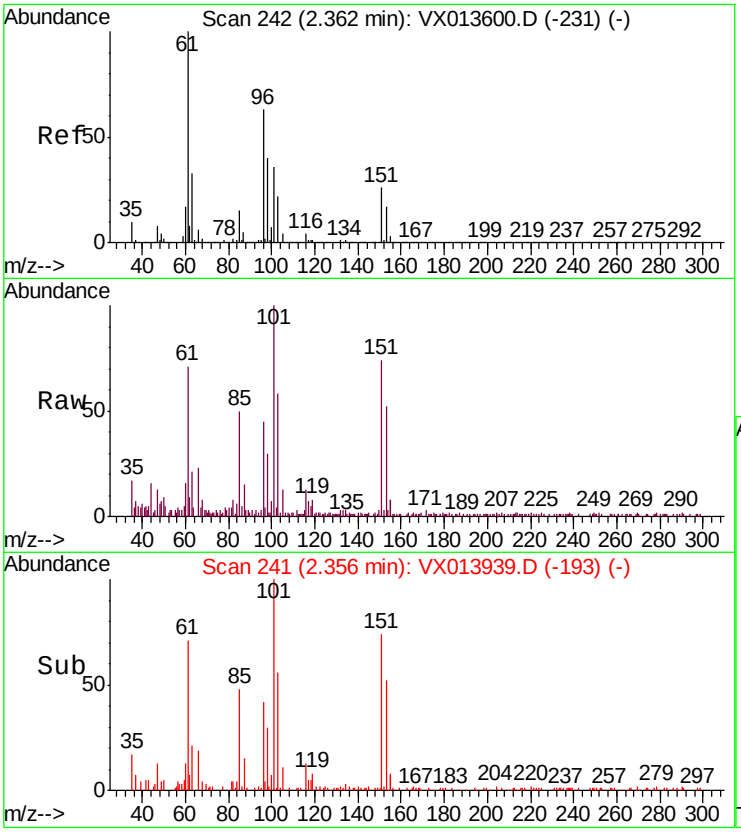


#11
Tert butyl alcohol
Concen: 6.201 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.02 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Tgt Ion: 59 Resp: 9540

Ion	Ratio	Lower	Upper
59	100		
57	6.8	7.8	11.6#



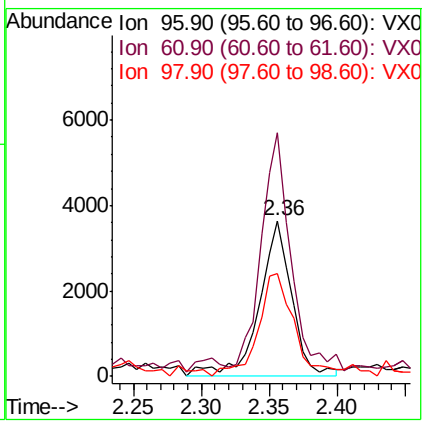


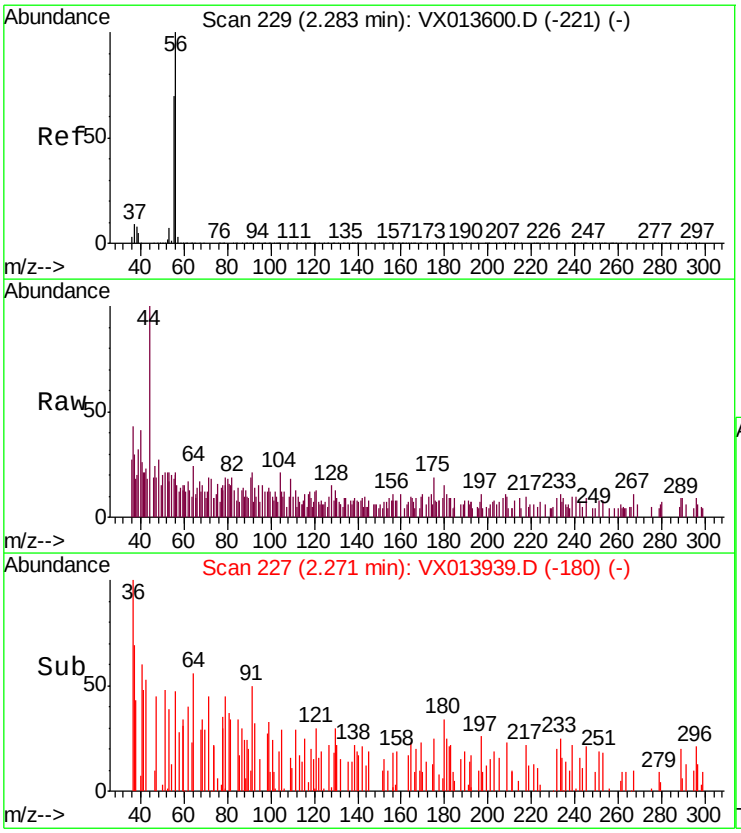
#12
1,1-Dichloroethene
Concen: 1.205 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20191205DL

Tgt Ion: 96 Resp: 6156

Ion	Ratio	Lower	Upper
96	100		
61	153.5	126.6	190.0
98	61.7	50.6	76.0

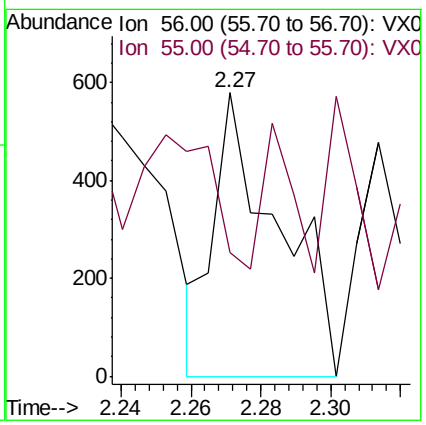


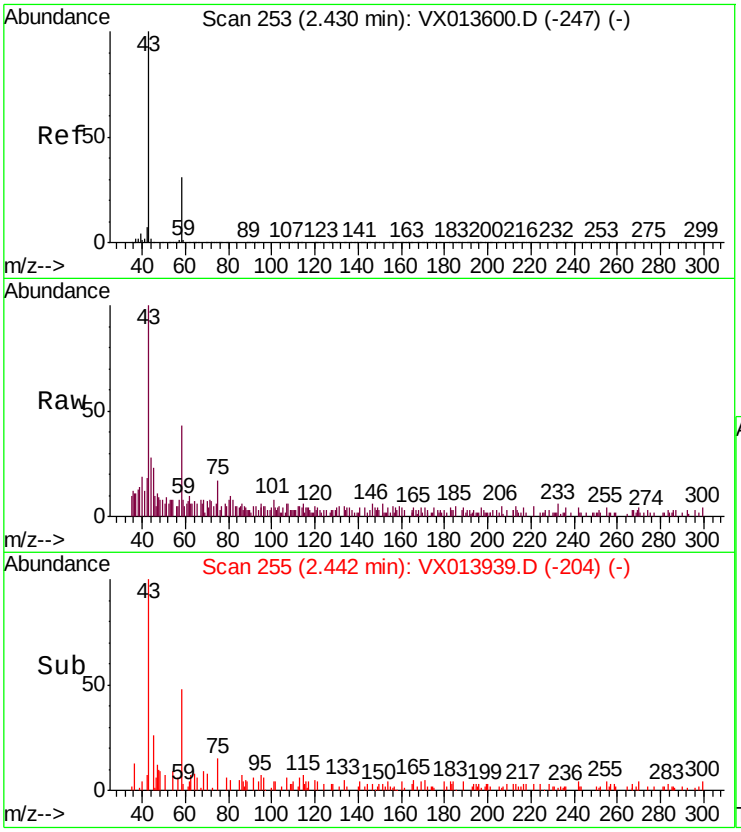


#13
Acrolein
Concen: 6.708 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Tgt Ion: 56 Resp: 742

Ion	Ratio	Lower	Upper
56	100		
55	23.0	56.2	84.4#



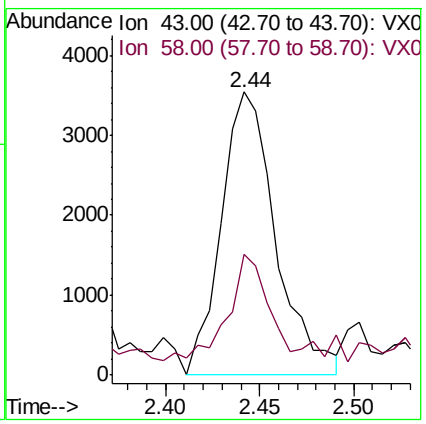


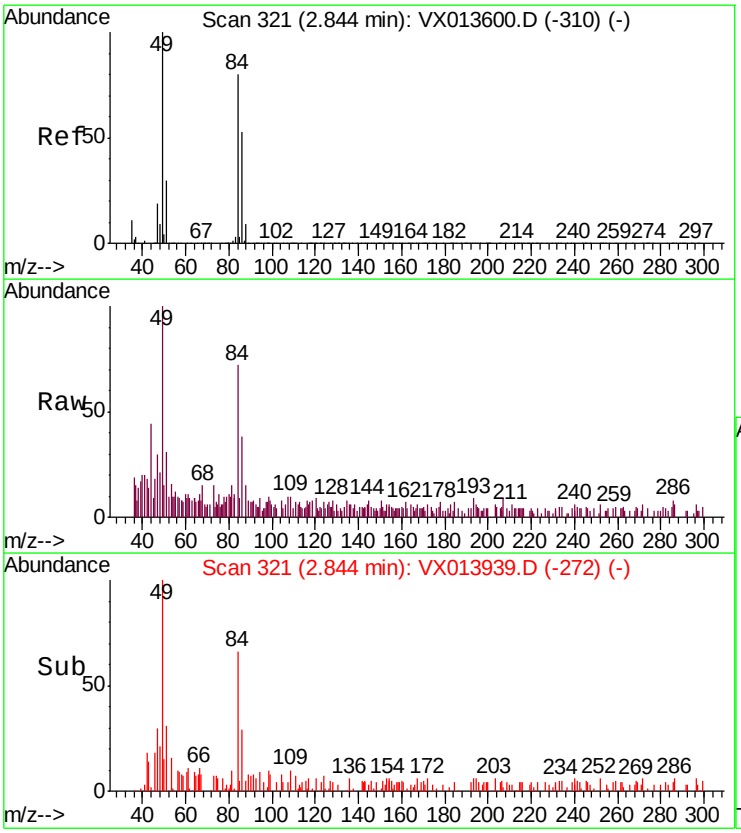
#16
Acetone
Concen: 2.312 ug/l
RT: 2.44 min Scan# 255
Delta R.T. 0.01 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20191205DL

Tgt Ion: 43 Resp: 7115

Ion	Ratio	Lower	Upper
43	100		
58	36.3	24.6	36.8

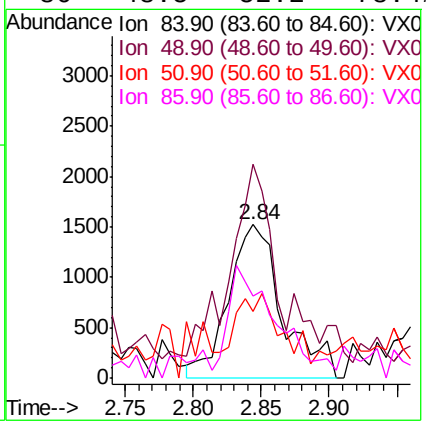


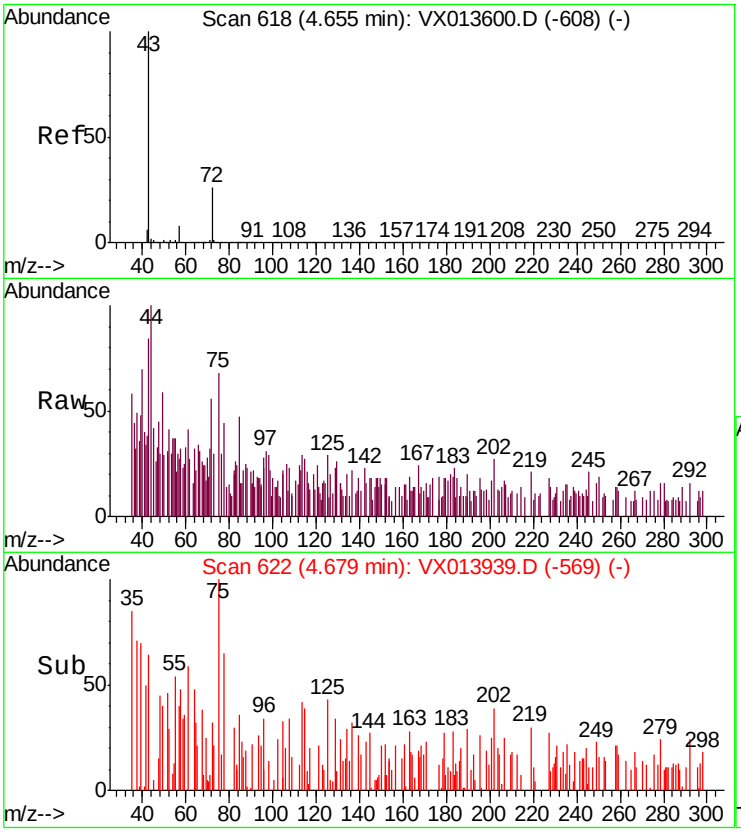


#20
Methylene Chloride
Concen: 0.712 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Tgt Ion: 84 Resp: 4210

Ion	Ratio	Lower	Upper
84	100		
49	121.2	99.7	149.5
51	29.4	29.9	44.9#
86	48.5	52.2	78.4#



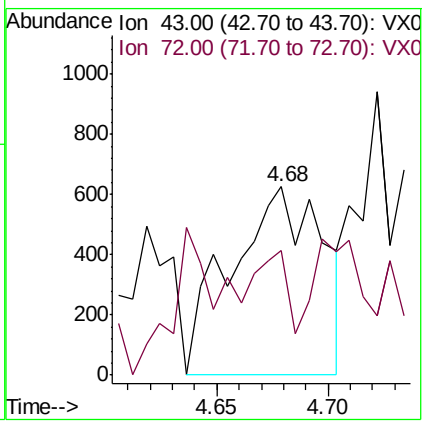


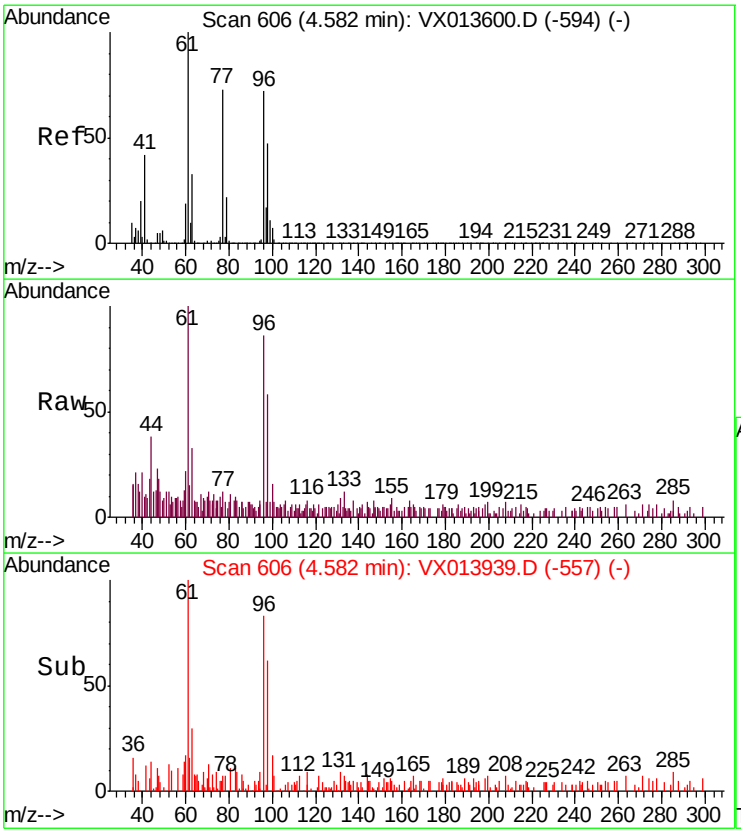
#25
2-Butanone
Concen: 0.391 ug/l
RT: 4.68 min Scan# 622
Delta R.T. 0.02 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20191205DL

Tgt Ion: 43 Resp: 1788

Ion	Ratio	Lower	Upper
43	100		
72	0.8	20.6	31.0#

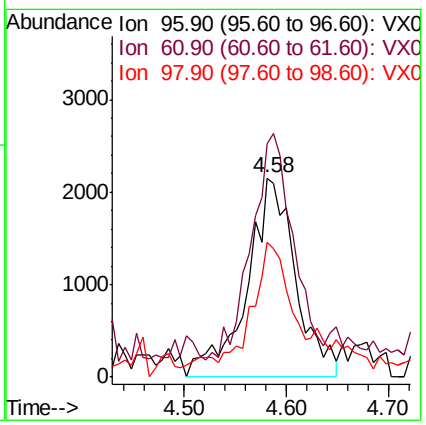


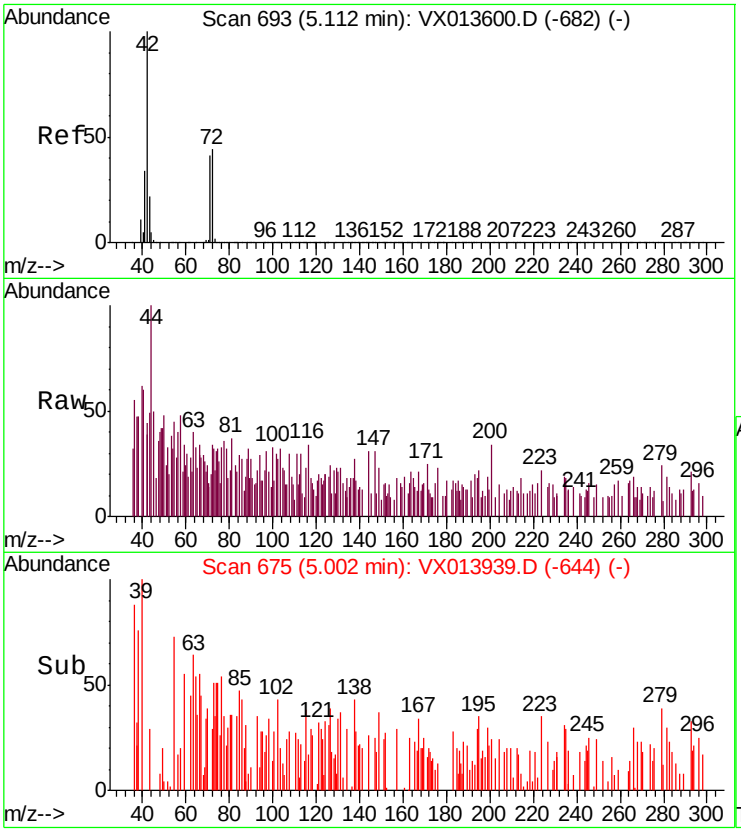


#27
cis-1,2-Dichloroethene
Concen: 1.117 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Tgt Ion: 96 Resp: 7144

Ion	Ratio	Lower	Upper
96	100		
61	97.8	0.0	286.4
98	44.6	0.0	127.4



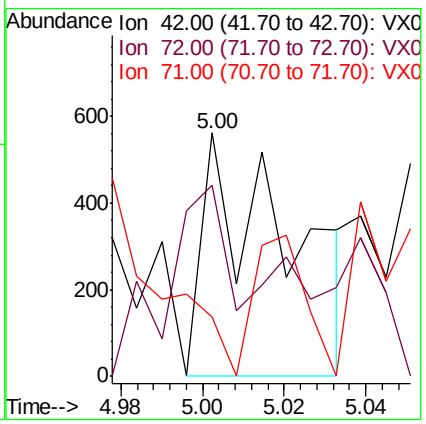


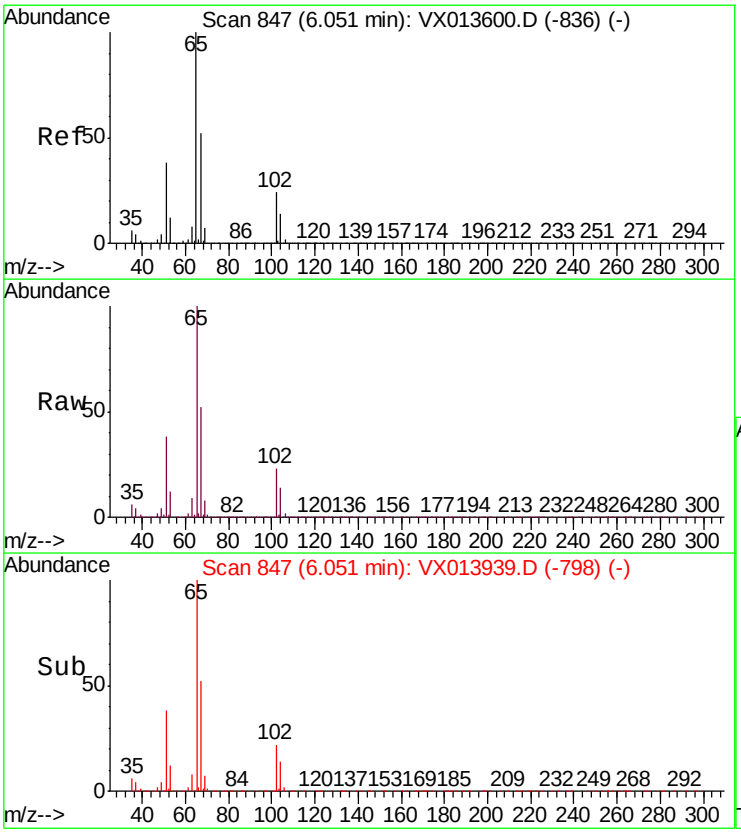
#29
Tetrahydrofuran
Concen: 0.286 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.11 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20191205DL

Tgt Ion: 42 Resp: 805

Ion	Ratio	Lower	Upper
42	100		
72	38.0	36.3	54.5
71	35.2	33.2	49.8

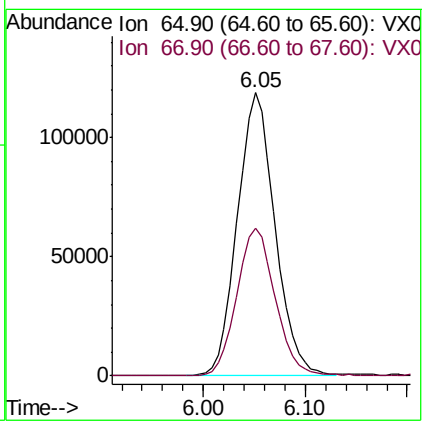


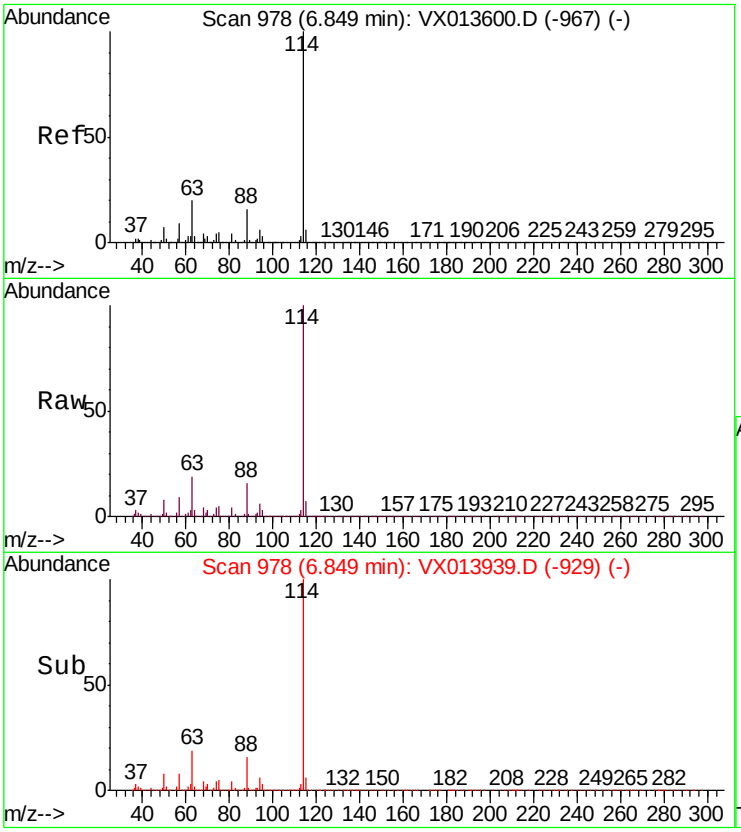


#33
1,2-Dichloroethane-d4
Concen: 48.832 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Tgt Ion: 65 Resp: 304376

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	104.4



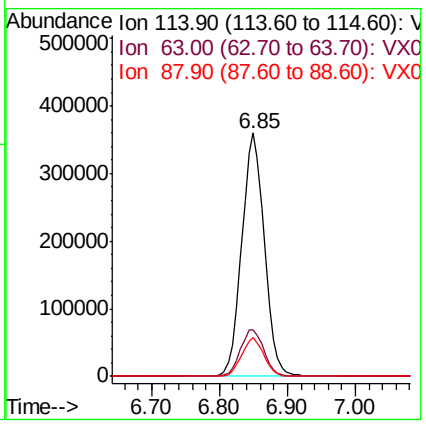


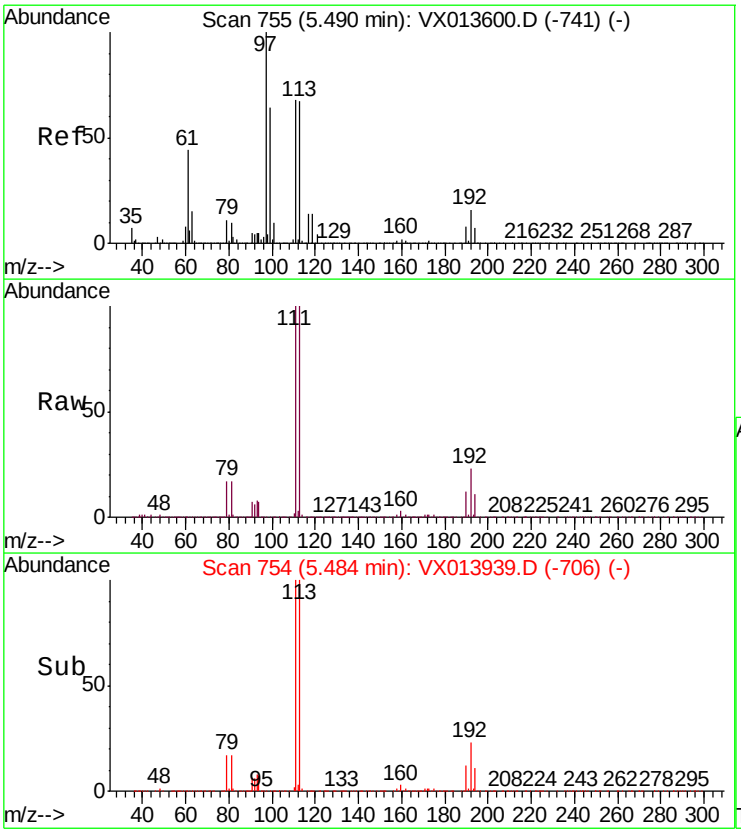
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20191205DL

Tgt Ion:114 Resp: 830976

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	39.6
88	15.7	0.0	31.4

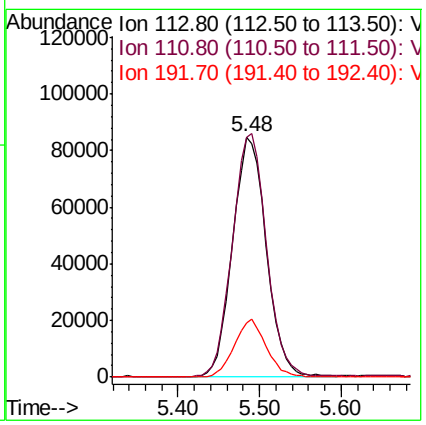


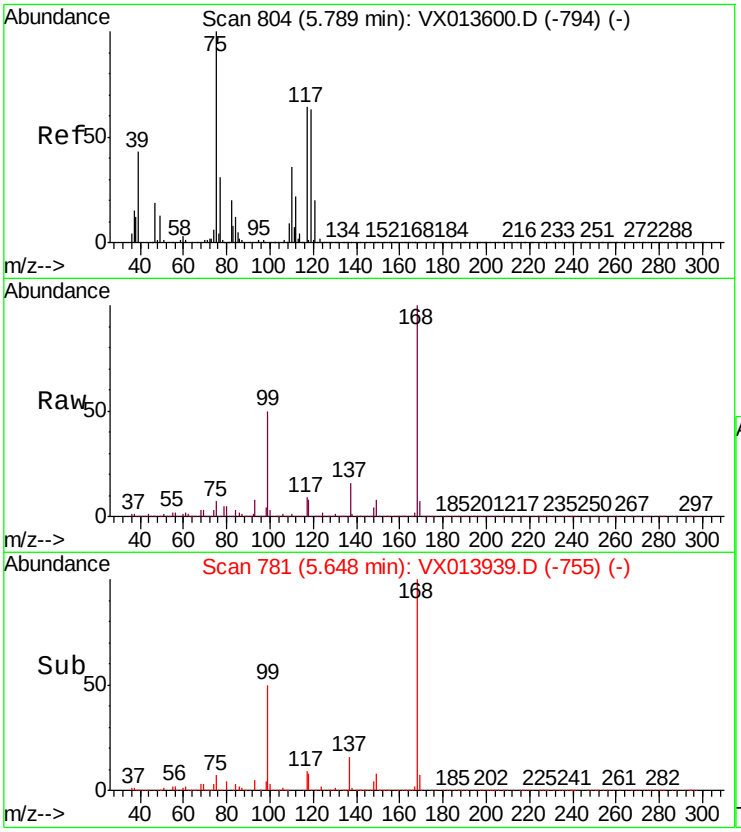


#35
Dibromofluoromethane
Concen: 47.199 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Tgt Ion:113 Resp: 242471

Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.6	125.4
192	23.0	19.2	28.8



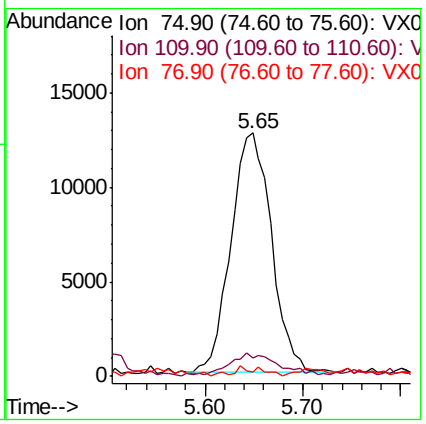


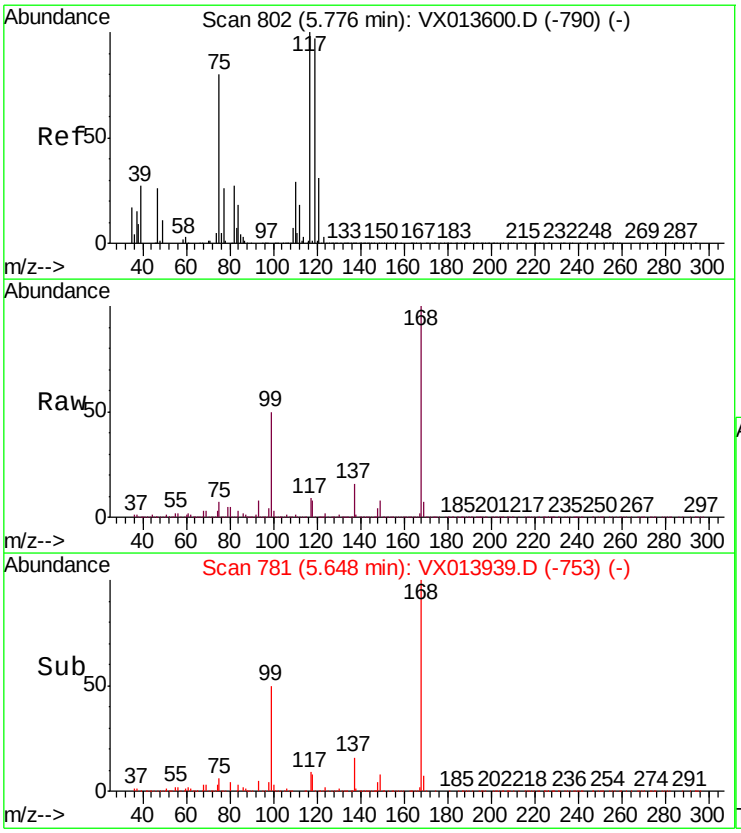
#36
1,1-Dichloropropene
Concen: 4.806 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20191205DL

Tgt Ion: 75 Resp: 36256

Ion	Ratio	Lower	Upper
75	100		
110	12.5	18.1	54.1#
77	1.7	24.5	36.7#

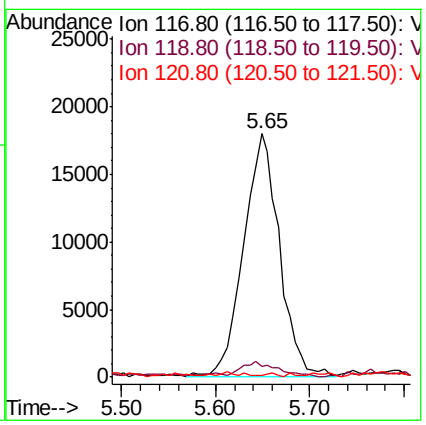


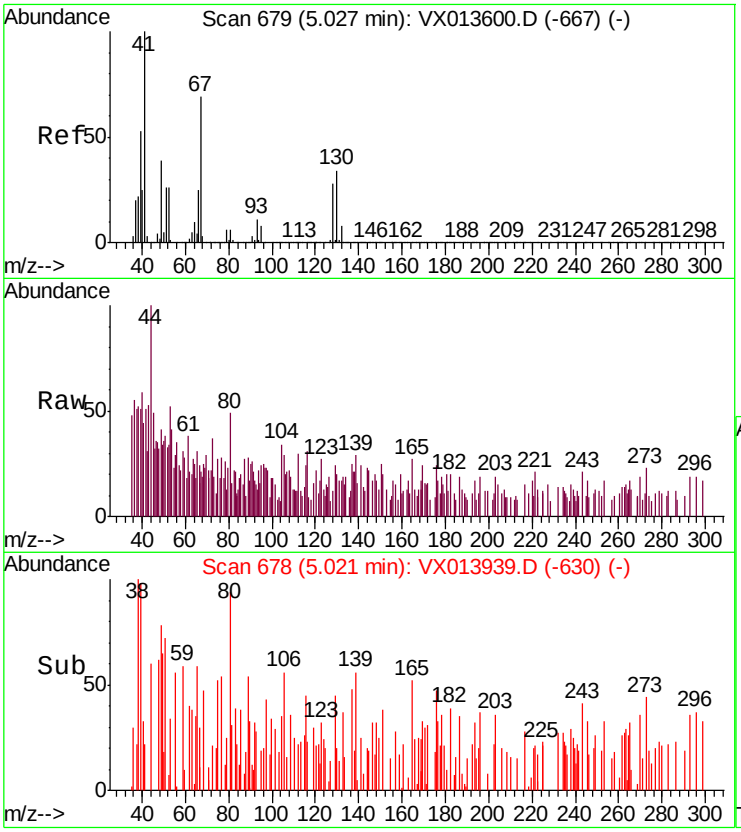


#38
Carbon Tetrachloride
Concen: 6.944 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Tgt Ion:117 Resp: 48301

Ion	Ratio	Lower	Upper
117	100		
119	3.8	77.5	116.3#
121	0.5	25.0	37.6#



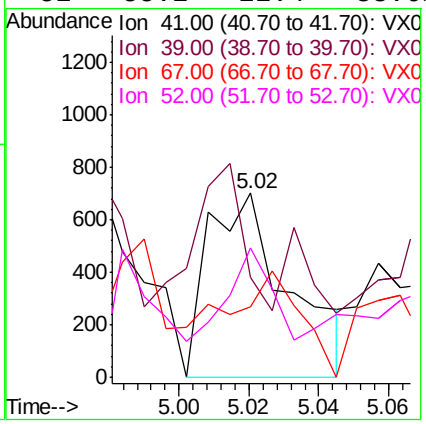


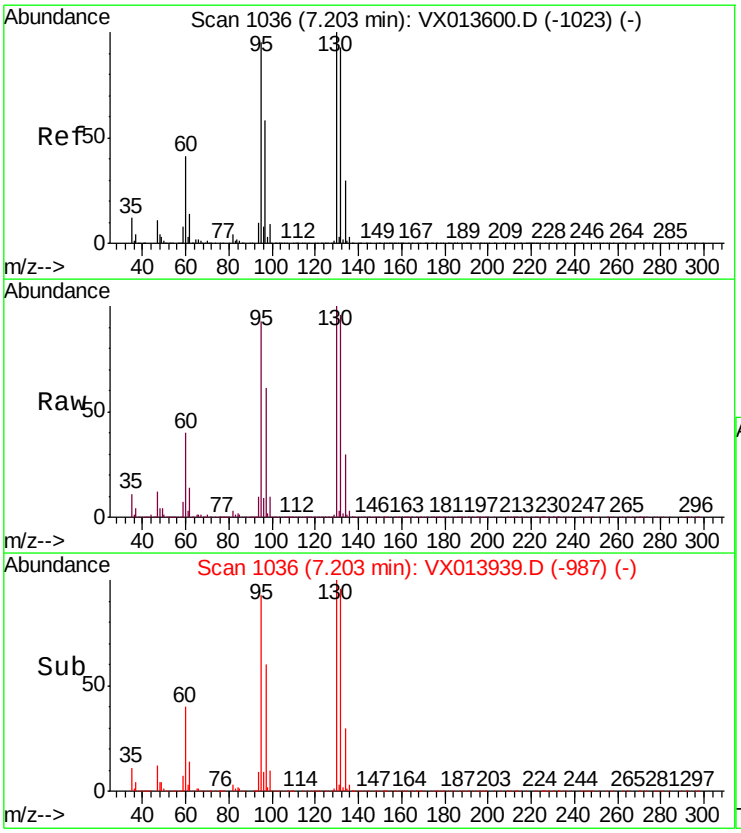
#41
Methacrylonitrile
Concen: 0.241 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20191205DL

Tgt Ion: 41 Resp: 1120

Ion	Ratio	Lower	Upper
41	100		
39	14.3	42.9	64.3#
67	53.7	57.4	86.0#
52	55.2	22.4	33.6#

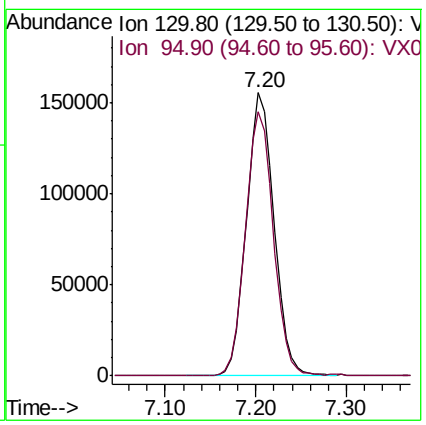


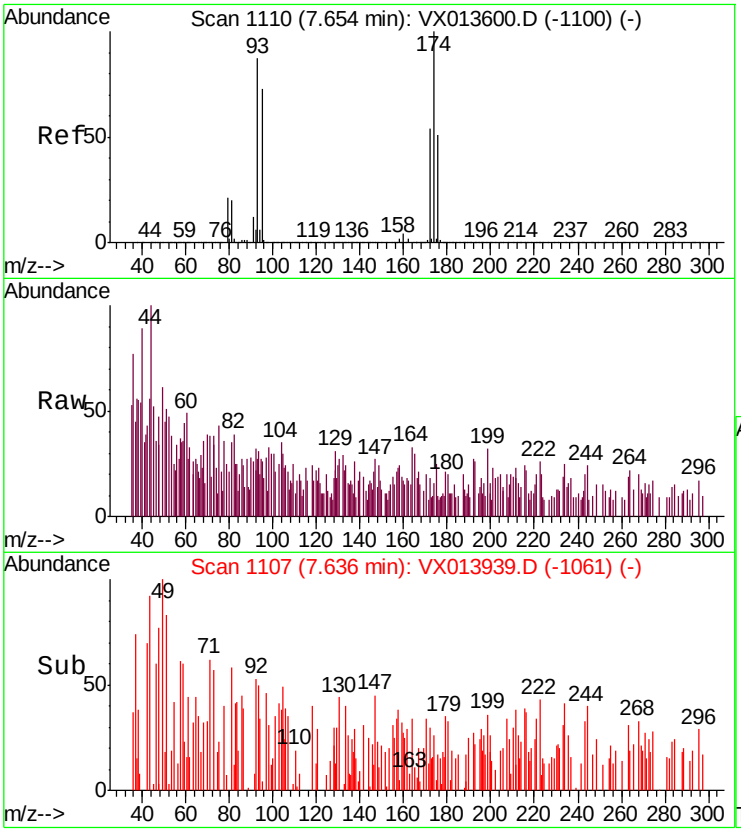


#44
Trichloroethene
Concen: 52.106 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Tgt Ion:130 Resp: 328533

Ion	Ratio	Lower	Upper
130	100		
95	93.5	0.0	190.8



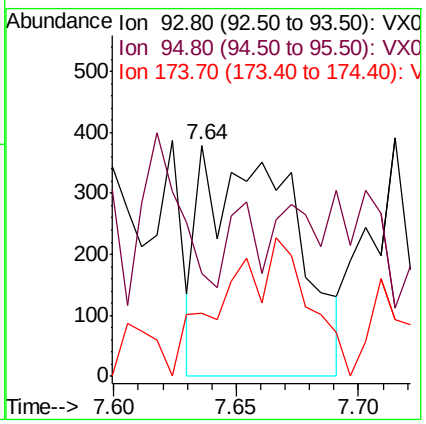


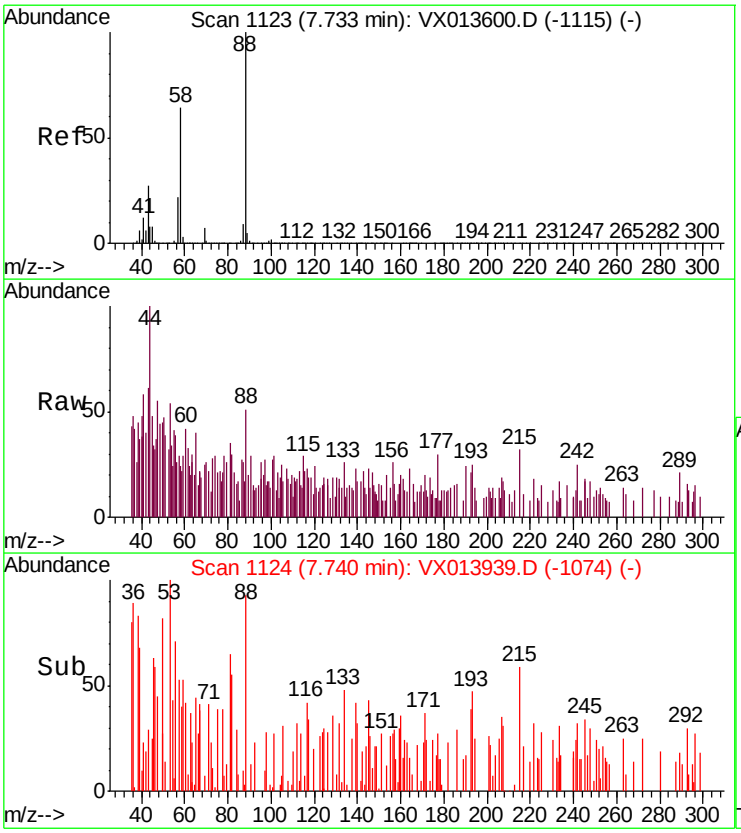
#46
Dibromomethane
Concen: 0.251 ug/l
RT: 7.64 min Scan# 1107
Delta R.T. -0.02 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20191205DL

Tgt Ion: 93 Resp: 980

Ion	Ratio	Lower	Upper
93	100		
95	10.6	66.2	99.2#
174	0.0	93.4	140.0#

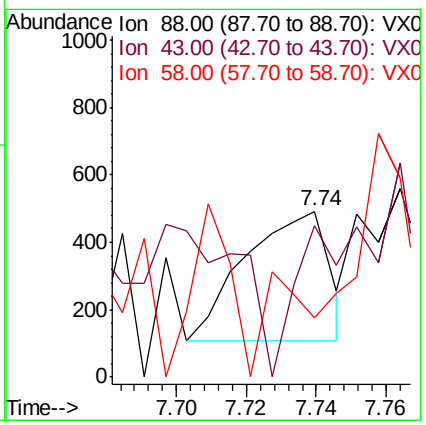


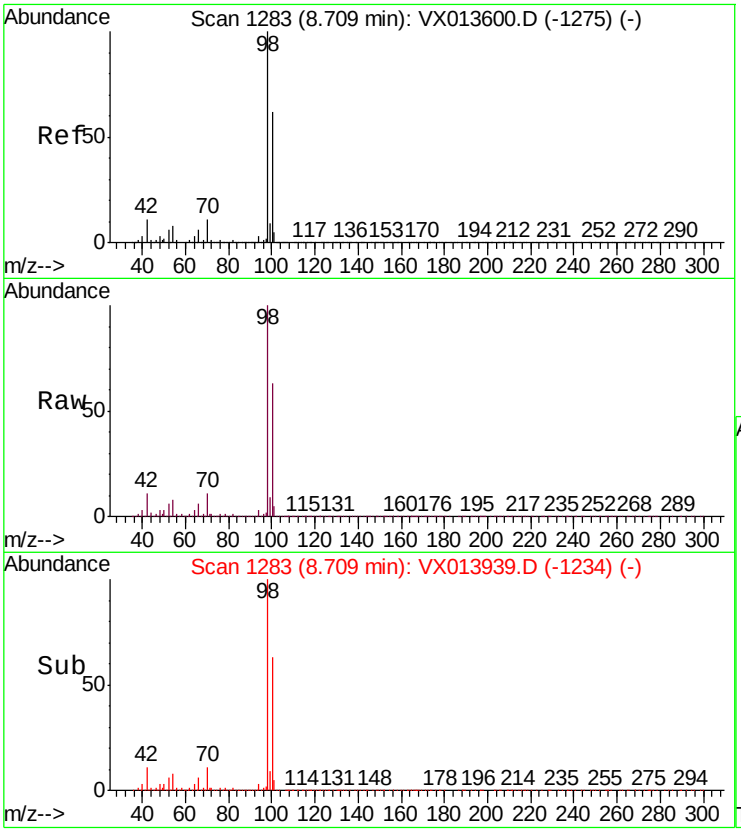


#49
1,4-Dioxane
Concen: 4.244 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Tgt Ion: 88 Resp: 643

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.8	38.6#
58	41.5	54.6	82.0#



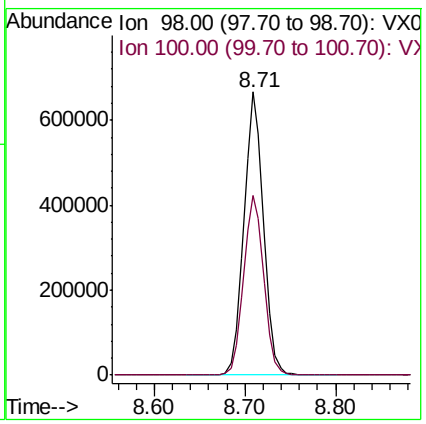


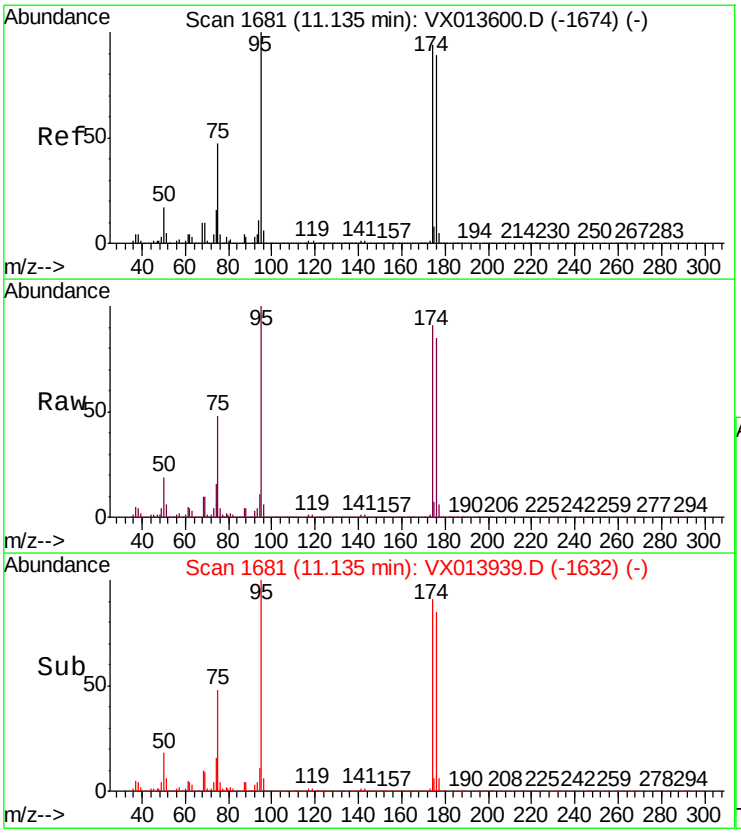
#50
Toluene-d8
Concen: 49.439 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20191205DL

Tgt Ion: 98 Resp: 989519

Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.1	79.7

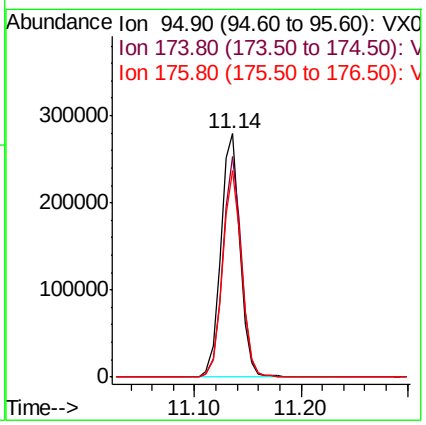


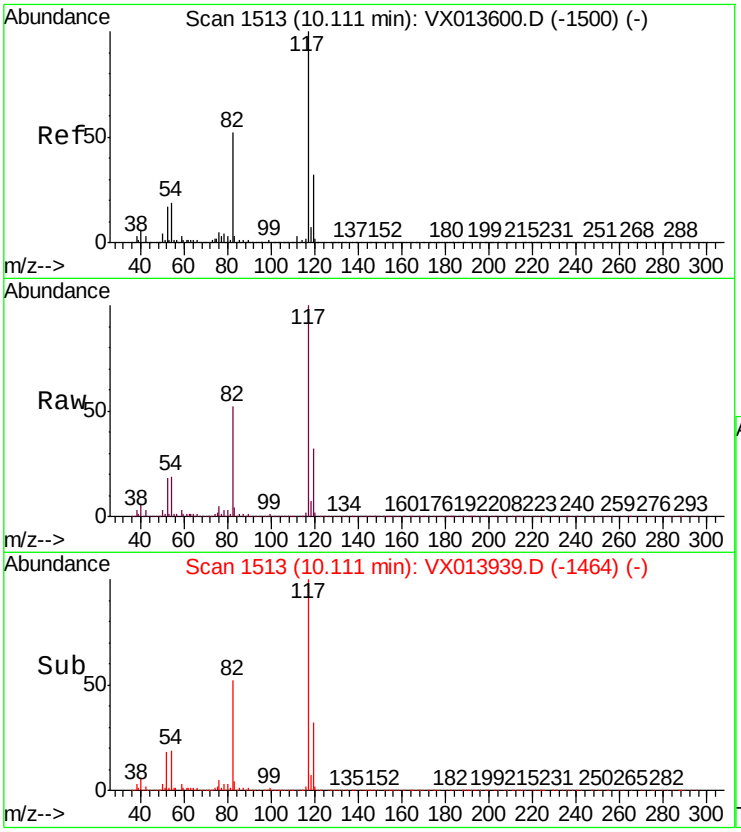


#62
4-Bromofluorobenzene
Concen: 48.512 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Tgt Ion: 95 Resp: 350137

Ion	Ratio	Lower	Upper
95	100		
174	88.4	0.0	180.0
176	84.5	0.0	173.6



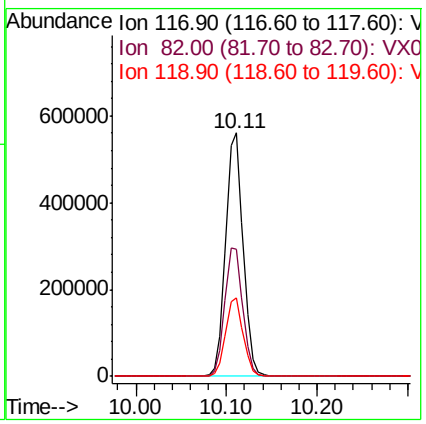


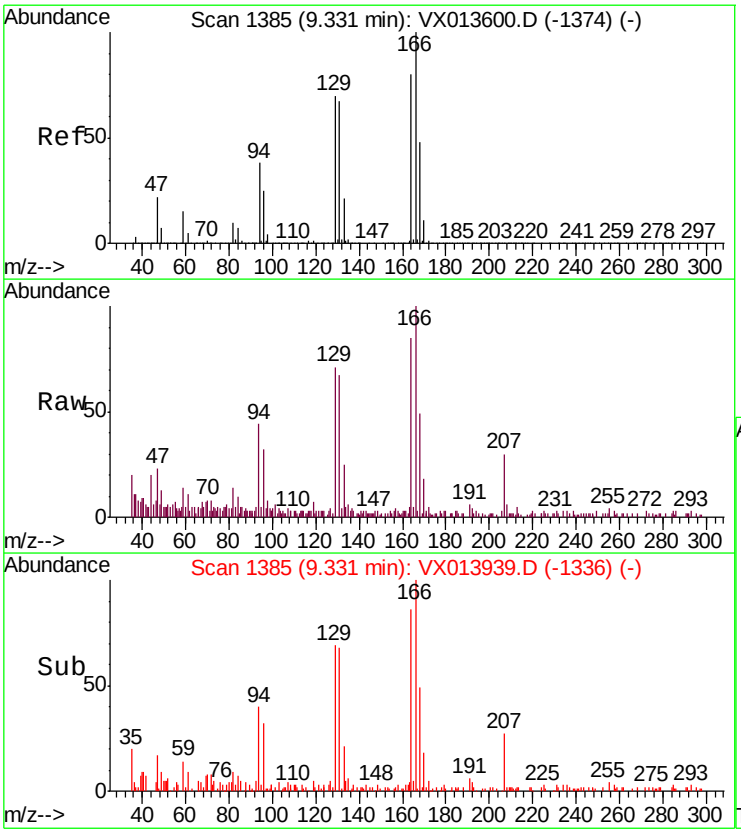
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Instrument : MSVOA_X
ClientSampleId : DUP03-20191205DL

Tgt Ion:117 Resp: 751717

Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.8	62.8
119	32.0	25.8	38.8

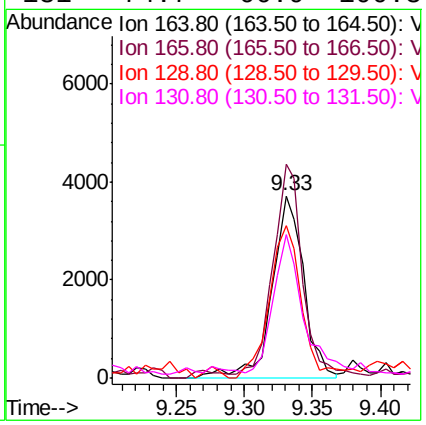


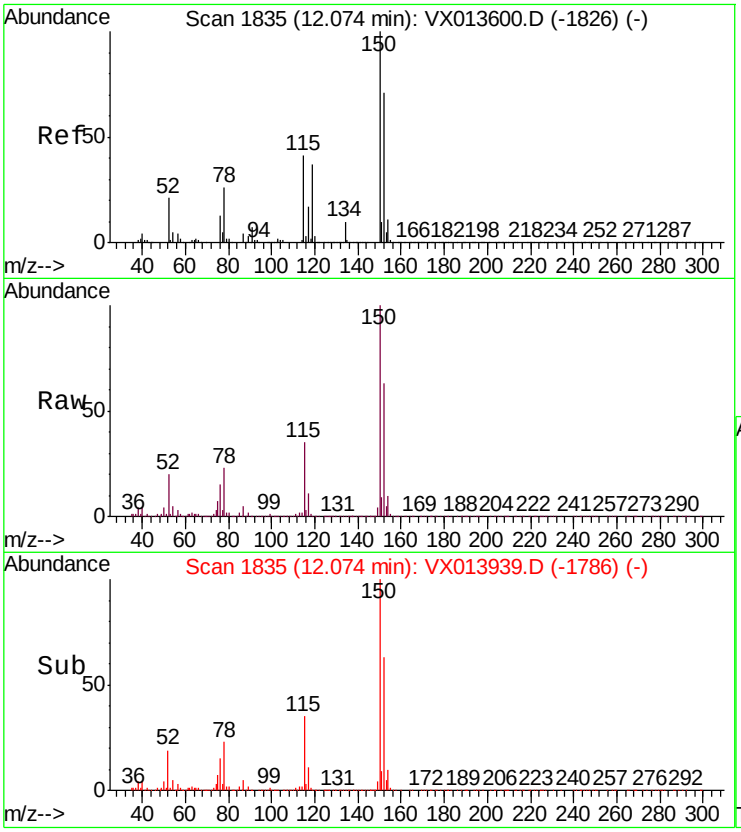


#64
Tetrachloroethene
Concen: 1.070 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Tgt Ion:164 Resp: 6001

Ion	Ratio	Lower	Upper
164	100		
166	120.0	99.7	149.5
129	80.5	70.1	105.1
131	74.7	66.9	100.3



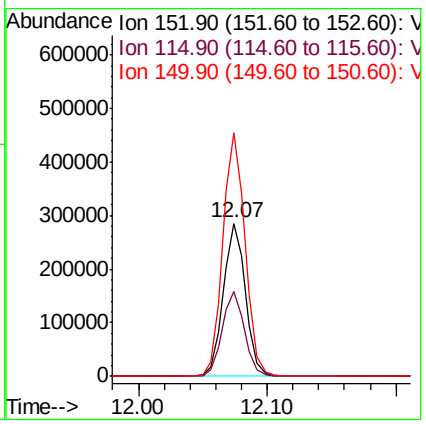


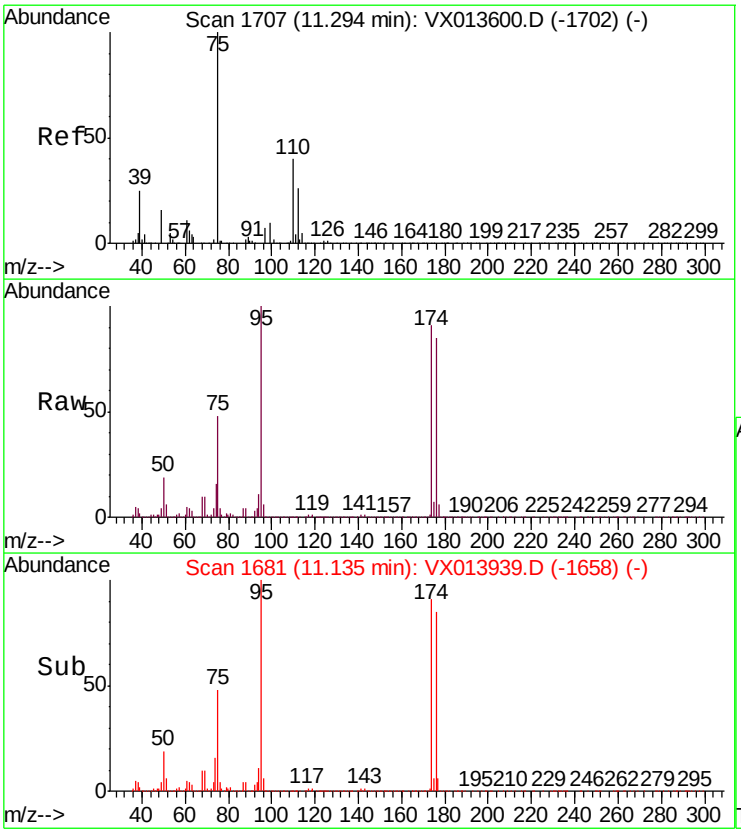
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20191205DL

Tgt Ion:152 Resp: 345871

Ion	Ratio	Lower	Upper
152	100		
115	55.9	38.4	115.1
150	160.2	0.0	346.8

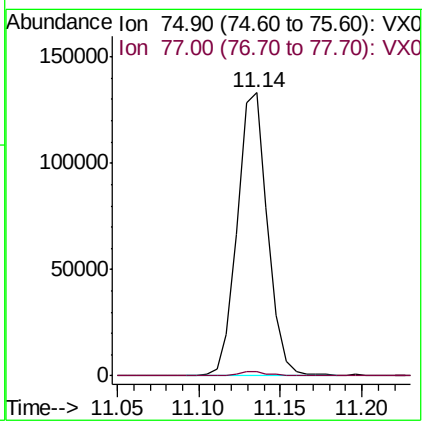


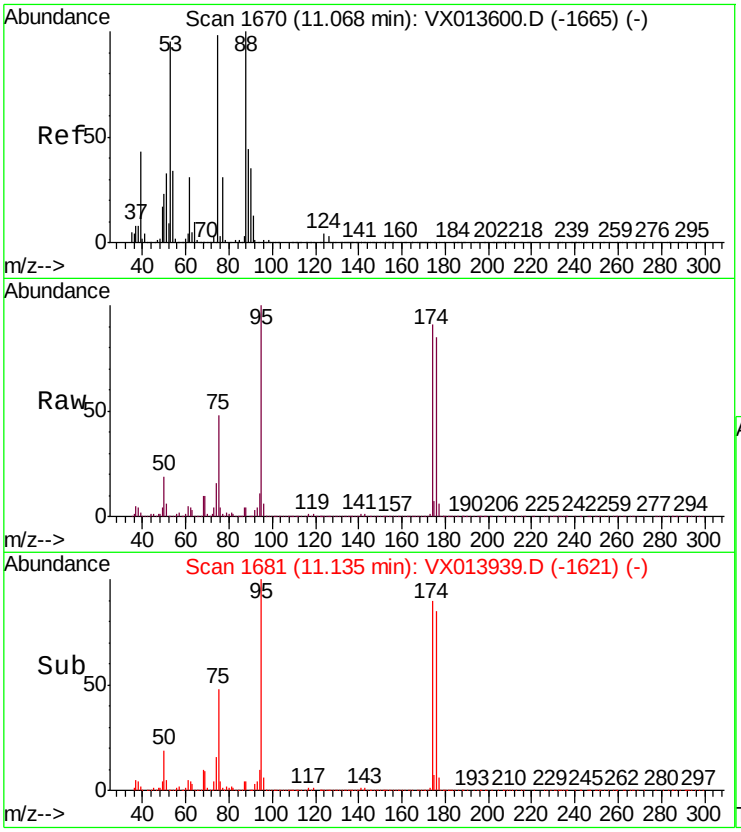


#76
1,2,3-Trichloropropane
Concen: 22.032 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Tgt Ion: 75 Resp: 171395

Ion	Ratio	Lower	Upper
75	100		
77	1.9	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 60.277 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX013939.D
Acq: 11 Dec 2019 13:11

Instrument :
MSVOA_X
ClientSampleId :
DUP03-20191205DL

Tgt Ion: 75 Resp: 171395

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