Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120919\
Data File : VX0137851.D
Acq On : 09 Dec 2019 15:00
Operator : JC/SP
Sample : K6184-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Dec 10 03:26:04 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	615047	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	938360	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	826869	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	349973	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.05	65	337939	47.34	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.68%				
35) Dibromofluoromethane	5.49	113	280848	48.41	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.82%				
50) Toluene-d8	8.71	98	1105112	48.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.80%				
62) 4-Bromofluorobenzene	11.14	95	360753	44.26	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.52%				
Target Compounds							Qvalue
5) Bromomethane	1.64	94	1593	0.274	ug/l		93
6) Chloroethane	1.72	64	1181	0.240	ug/l	#	41
10) Methyl Iodide	2.51	142	1968	0.277	ug/l	#	84
11) Tert butyl alcohol	3.01	59	2041	1.158	ug/l	#	82
13) Acrolein	2.26	56	664	6.554	ug/l	#	54
15) Acrylonitrile	3.13	53	1003	0.276	ug/l	#	32
16) Acetone	2.43	43	13825	3.922	ug/l	#	84
18) Methyl Acetate	2.59	43	36409	3.709	ug/l	#	53
20) Methylene Chloride	2.86	84	1565	0.231	ug/l	#	63
21) trans-1,2-Dichloroethene	3.16	96	1369	0.215	ug/l	#	44
36) 1,1-Dichloropropene	5.64	75	42470	4.986	ug/l	#	41
38) Carbon Tetrachloride	5.65	117	53434	6.803	ug/l	#	16
44) Trichloroethene	7.21	130	63328	8.894	ug/l		91
49) 1,4-Dioxane	7.73	88	1520	8.884	ug/l	#	56
64) Tetrachloroethene	9.34	164	1412	0.229	ug/l	#	67
76) 1,2,3-Trichloropropane	11.14	75	178709	22.703	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.14	75	178709	62.112	ug/l	#	11
94) Hexachlorobutadiene	13.78	225	1054	0.276	ug/l		69

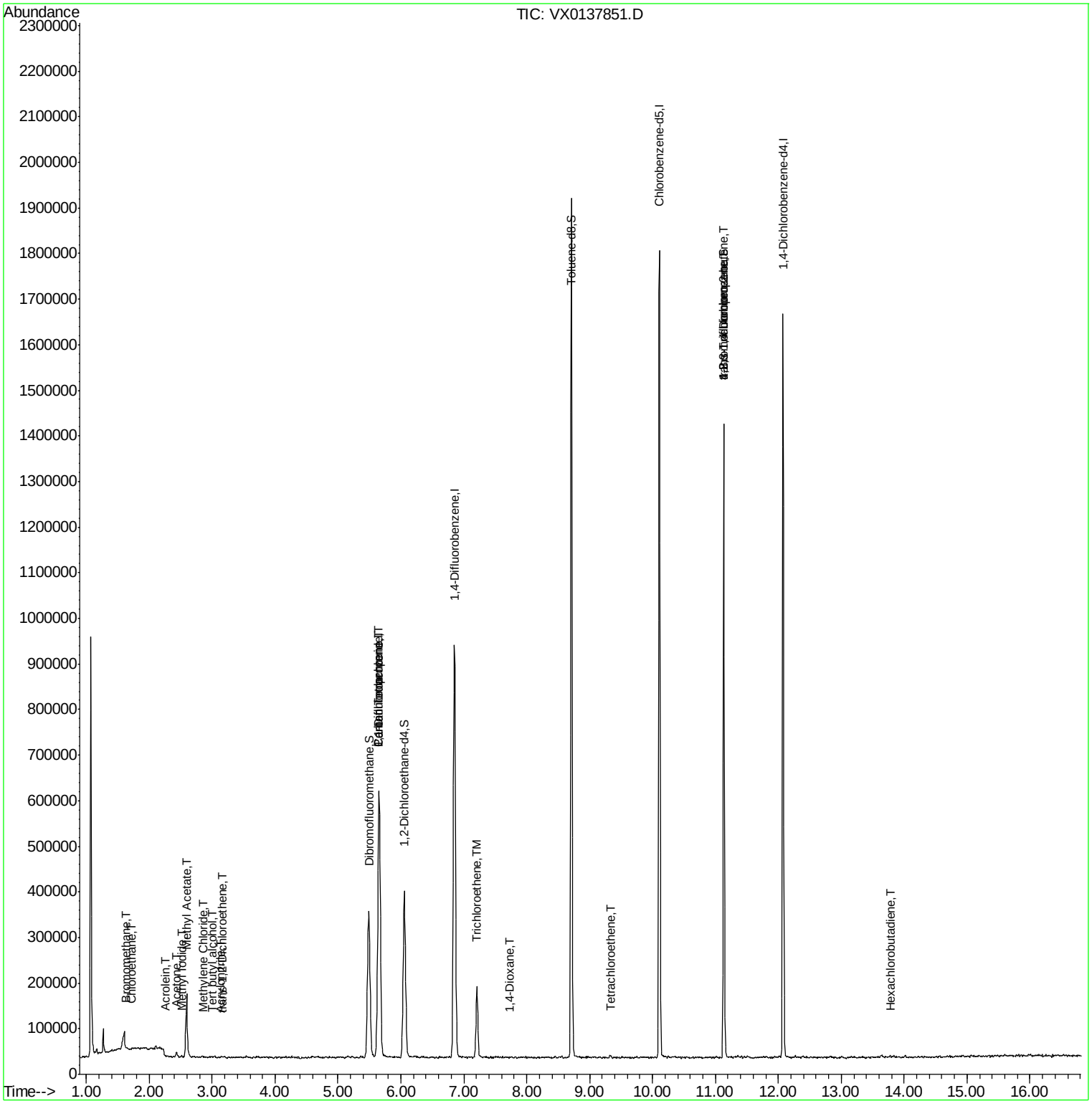
(#) = qualifier out of range (m) = manual integration (+) = signals summed

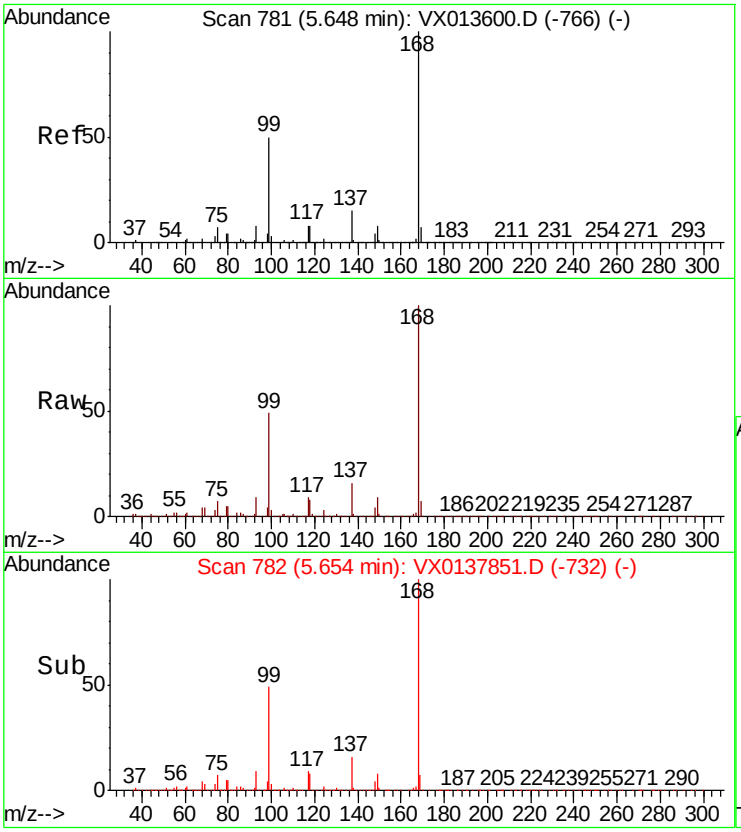
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
Data File : VX0137851.D
Acq On : 09 Dec 2019 15:00
Operator : JC/SP
Sample : K6184-16
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 10 03:26:04 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



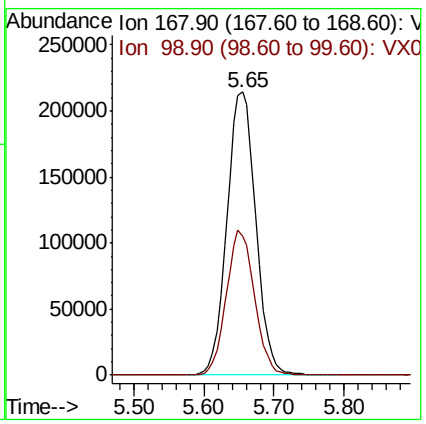


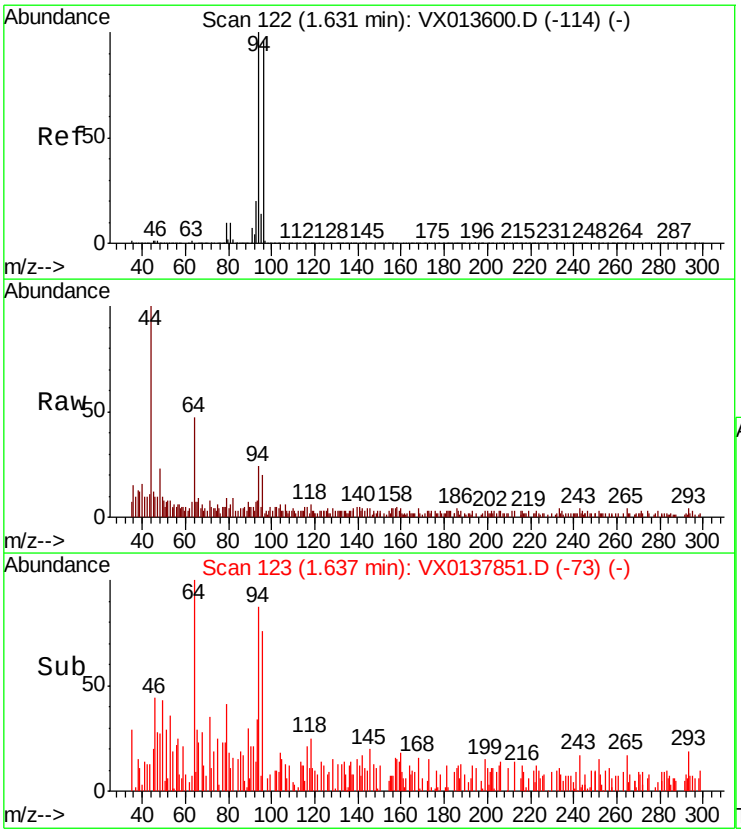
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX0137851.D
Acq: 09 Dec 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 615047

Ion	Ratio	Lower	Upper
168	100		
99	49.1	39.8	59.8

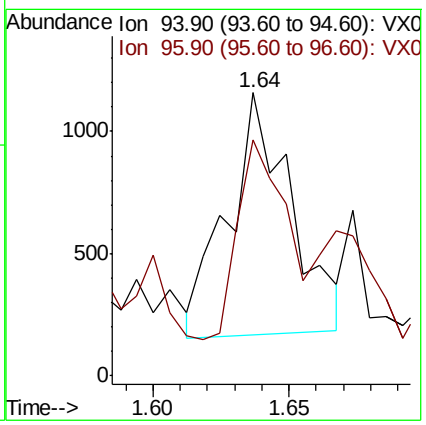


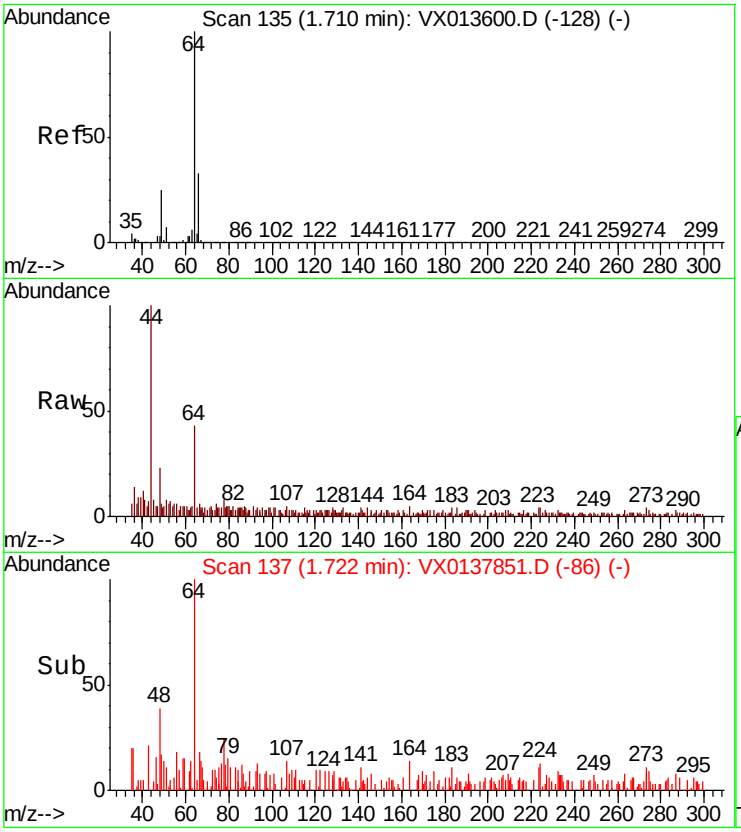


#5
Bromomethane
Concen: 0.274 ug/l
RT: 1.64 min Scan# 123
Delta R.T. 0.01 min
Lab File: VX0137851.D
Acq: 09 Dec 2019 15:00

Tgt Ion: 94 Resp: 1593

Ion	Ratio	Lower	Upper
94	100		
96	89.4	77.0	115.4



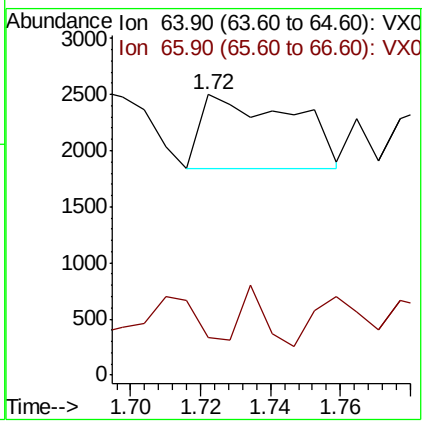


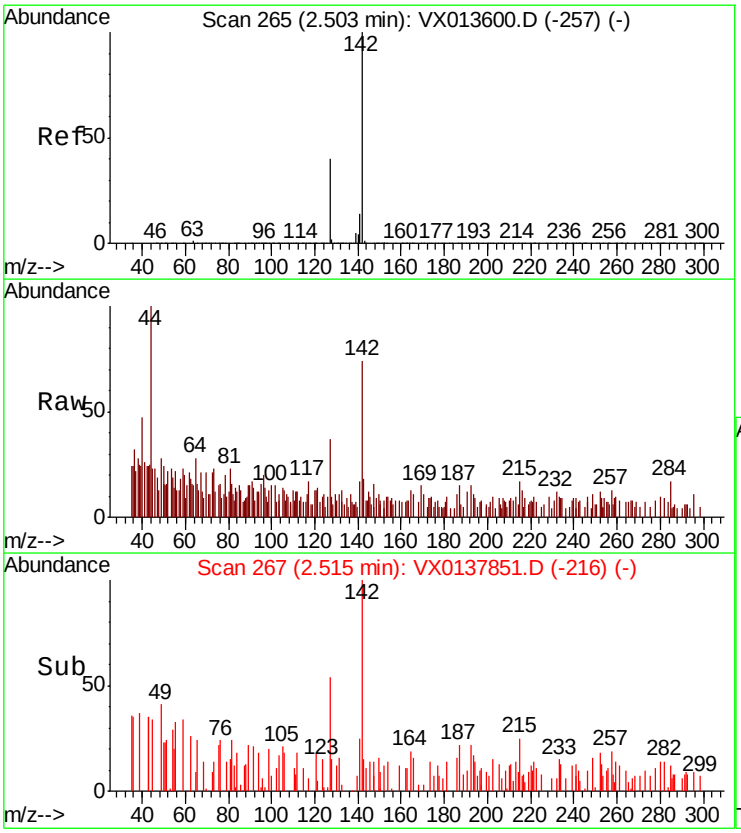
#6
Chloroethane
Concen: 0.240 ug/l
RT: 1.72 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX0137851.D
Acq: 09 Dec 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 1181

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.7	40.1#

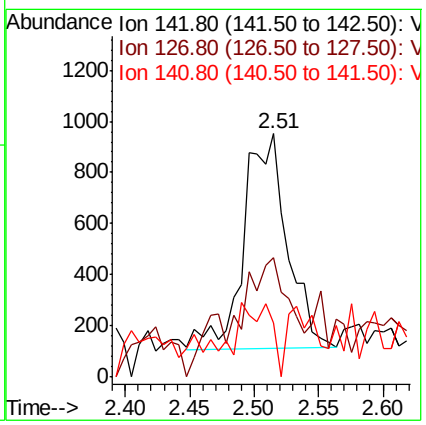


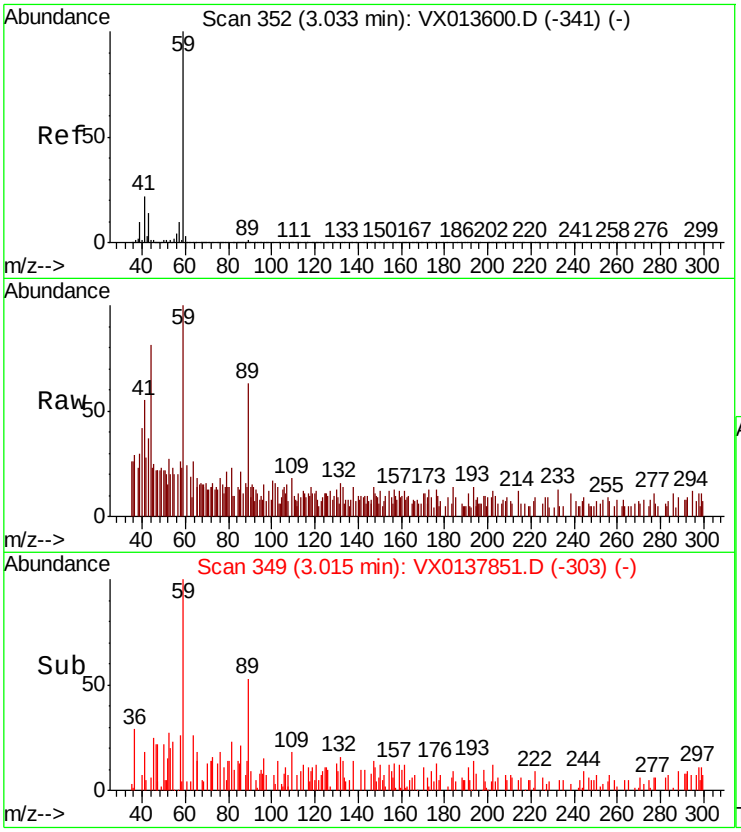


#10
Methyl Iodide
Concen: 0.277 ug/l
RT: 2.51 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX0137851.D
Acq: 09 Dec 2019 15:00

Tgt Ion:142 Resp: 1968

Ion	Ratio	Lower	Upper
142	100		
127	33.6	31.0	46.4
141	0.0	11.6	17.4#



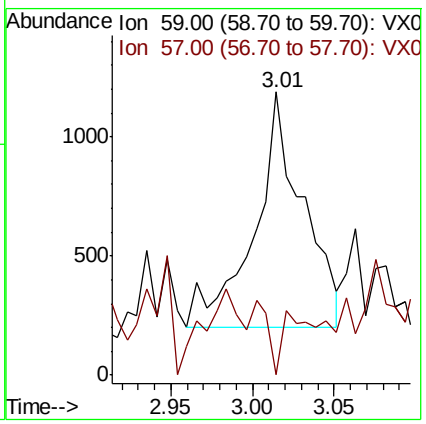


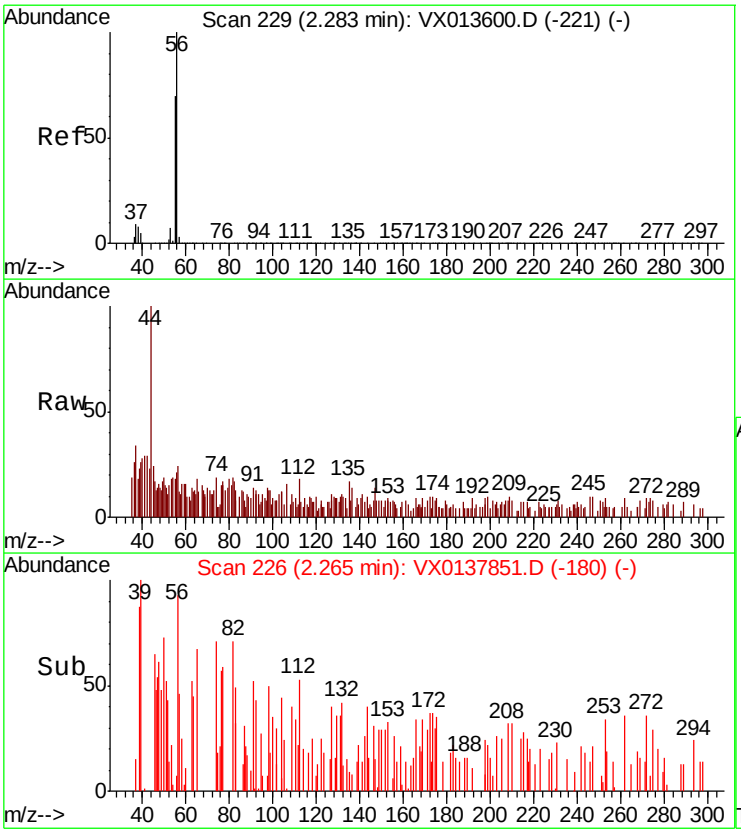
#11
Tert butyl alcohol
Concen: 1.158 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.02 min
Lab File: VX0137851.D
Acq: 09 Dec 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 2041

Ion	Ratio	Lower	Upper
59	100		
57	16.4	7.8	11.6#

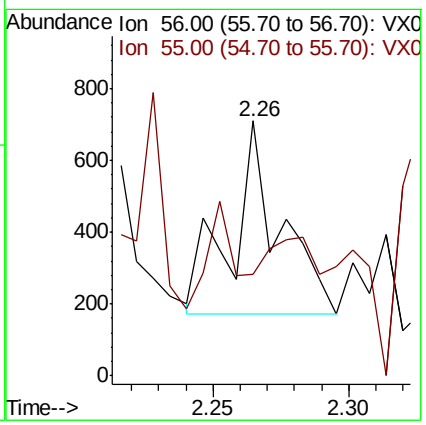


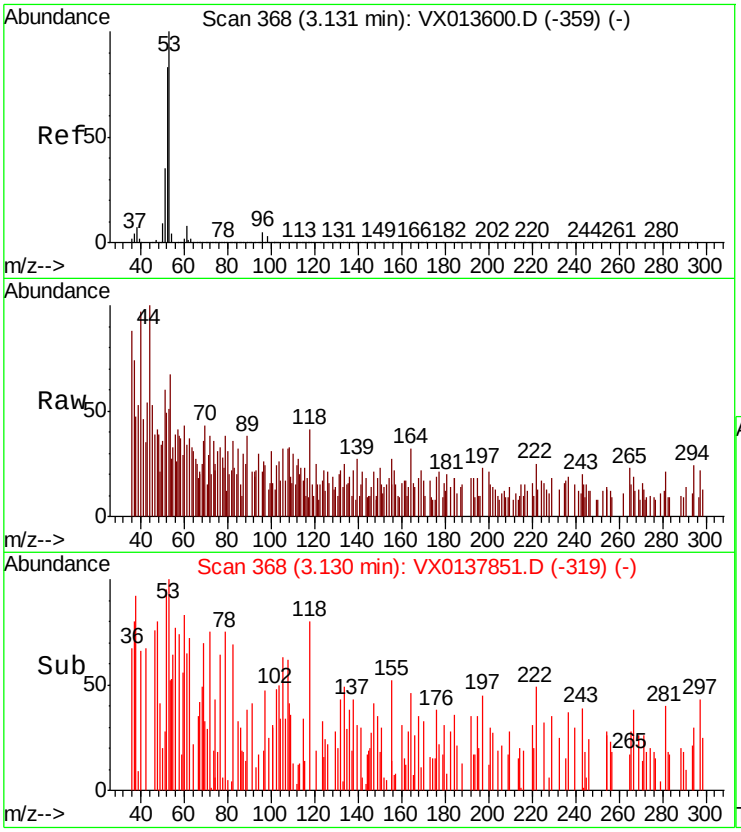


#13
Acrolein
Concen: 6.554 ug/l
RT: 2.26 min Scan# 226
Delta R.T. -0.02 min
Lab File: VX0137851.D
Acq: 09 Dec 2019 15:00

Tgt Ion: 56 Resp: 664

Ion	Ratio	Lower	Upper
56	100		
55	32.2	56.2	84.4#



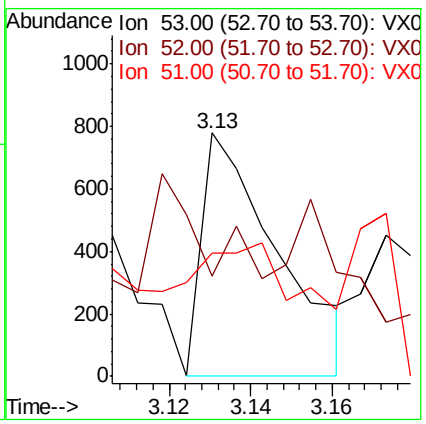


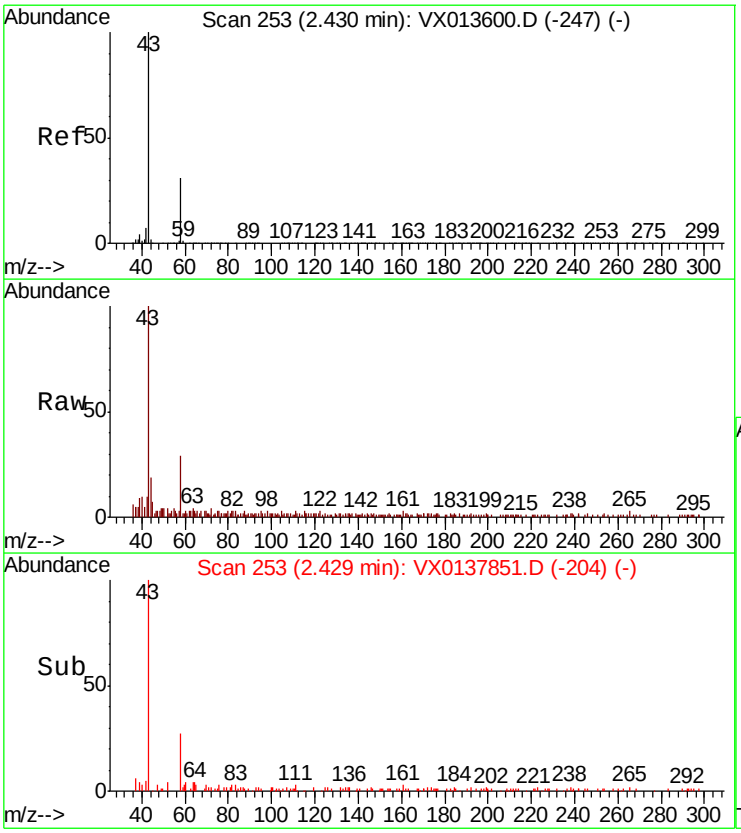
#15
Acrylonitrile
Concen: 0.276 ug/l
RT: 3.13 min Scan# 368
Delta R.T. -0.00 min
Lab File: VX0137851.D
Acq: 09 Dec 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 53 Resp: 1003

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.2	99.2#
51	28.3	29.0	43.6#

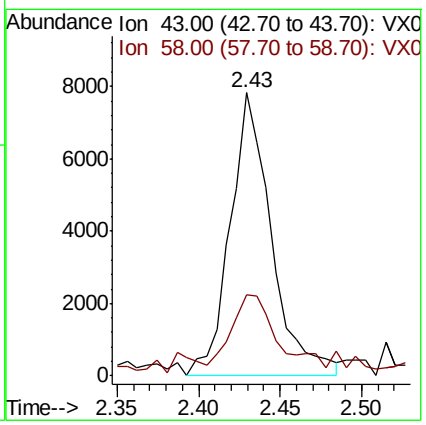


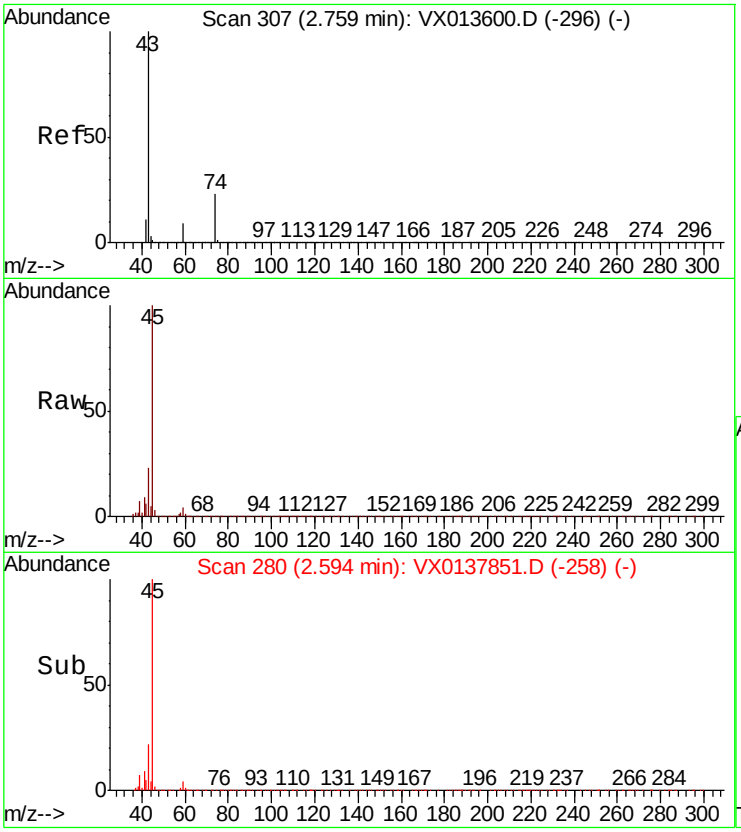


#16
Acetone
Concen: 3.922 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX0137851.D
Acq: 09 Dec 2019 15:00

Tgt Ion: 43 Resp: 13825

Ion	Ratio	Lower	Upper
43	100		
58	22.1	24.6	36.8#



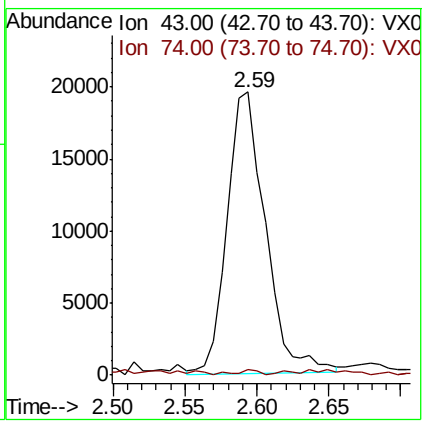


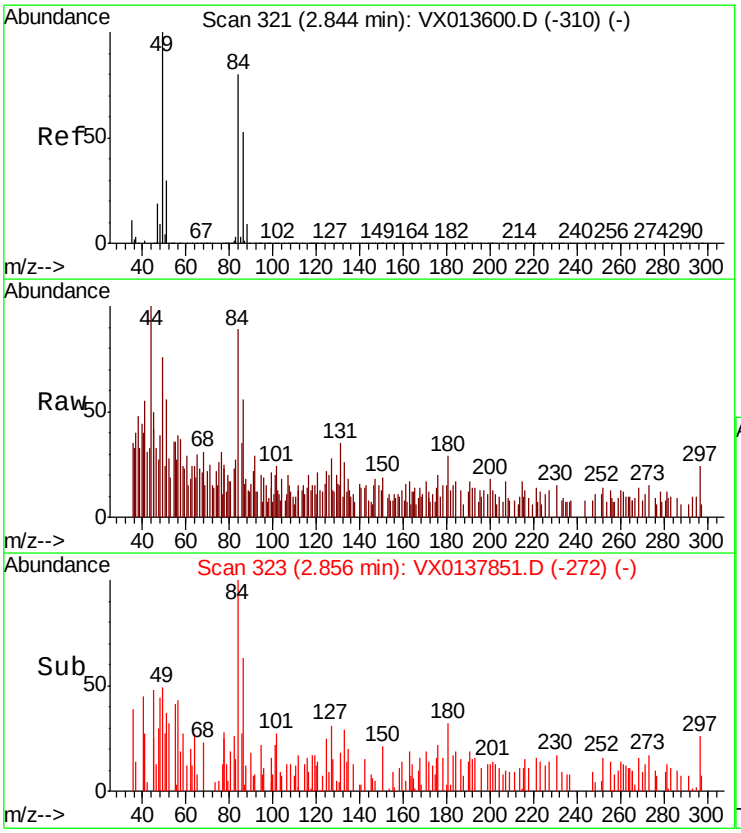
#18
Methyl Acetate
Concen: 3.709 ug/l
RT: 2.59 min Scan# 280
Delta R.T. -0.16 min
Lab File: VX0137851.D
Acq: 09 Dec 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 36409

Ion	Ratio	Lower	Upper
43	100		
74	1.3	19.5	29.3#

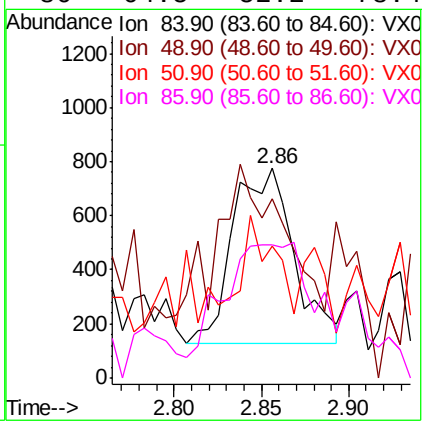


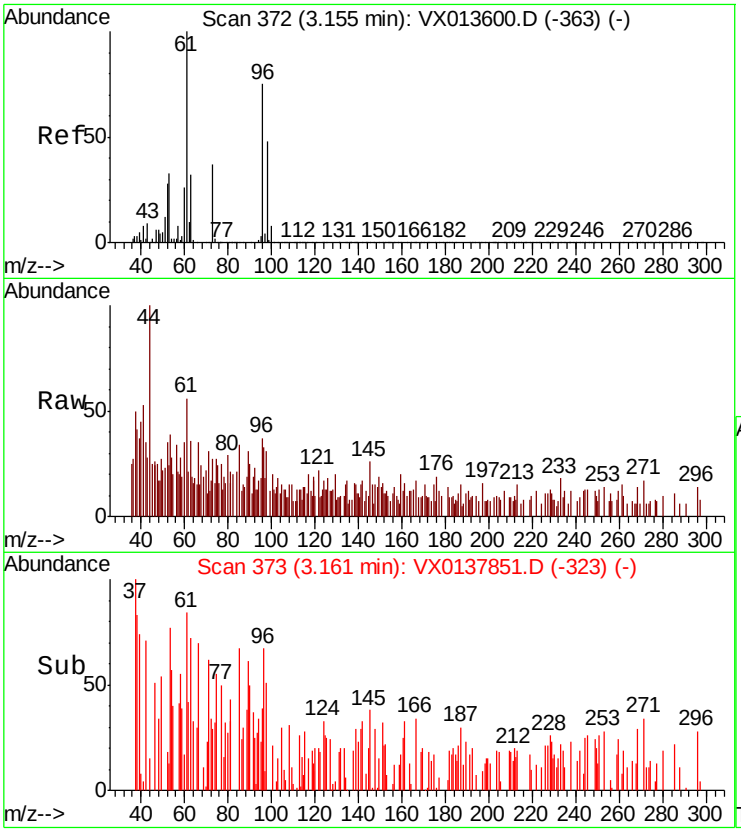


#20
Methylene Chloride
Concen: 0.231 ug/l
RT: 2.86 min Scan# 323
Delta R.T. 0.01 min
Lab File: VX0137851.D
Acq: 09 Dec 2019 15:00

Tgt Ion: 84 Resp: 1565

Ion	Ratio	Lower	Upper
84	100		
49	54.6	99.7	149.5#
51	49.3	29.9	44.9#
86	64.5	52.2	78.4



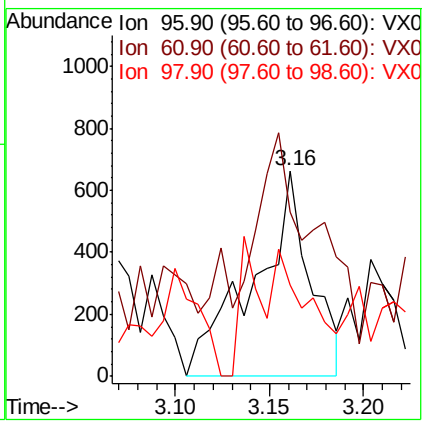


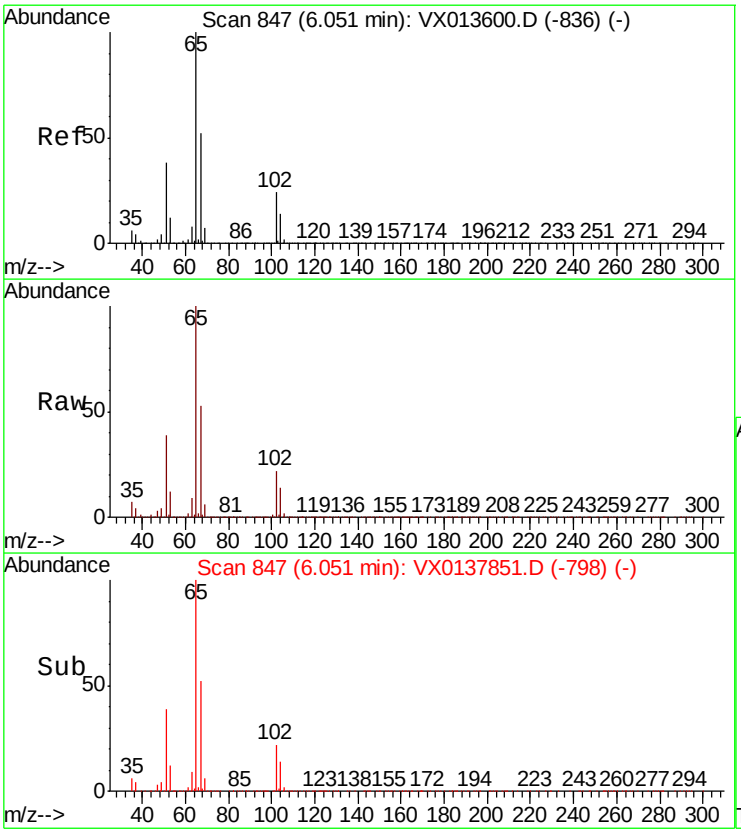
#21
trans-1,2-Dichloroethene
Concen: 0.215 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX0137851.D
Acq: 09 Dec 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 1369

Ion	Ratio	Lower	Upper
96	100		
61	64.2	107.2	160.8#
98	23.9	51.4	77.0#

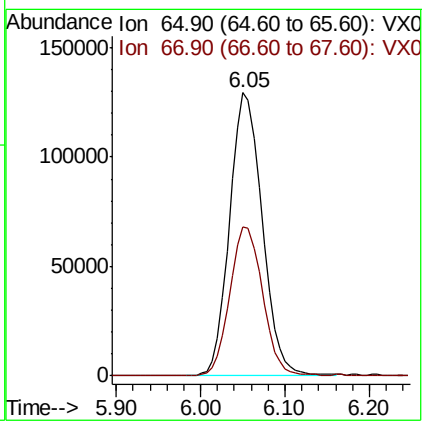


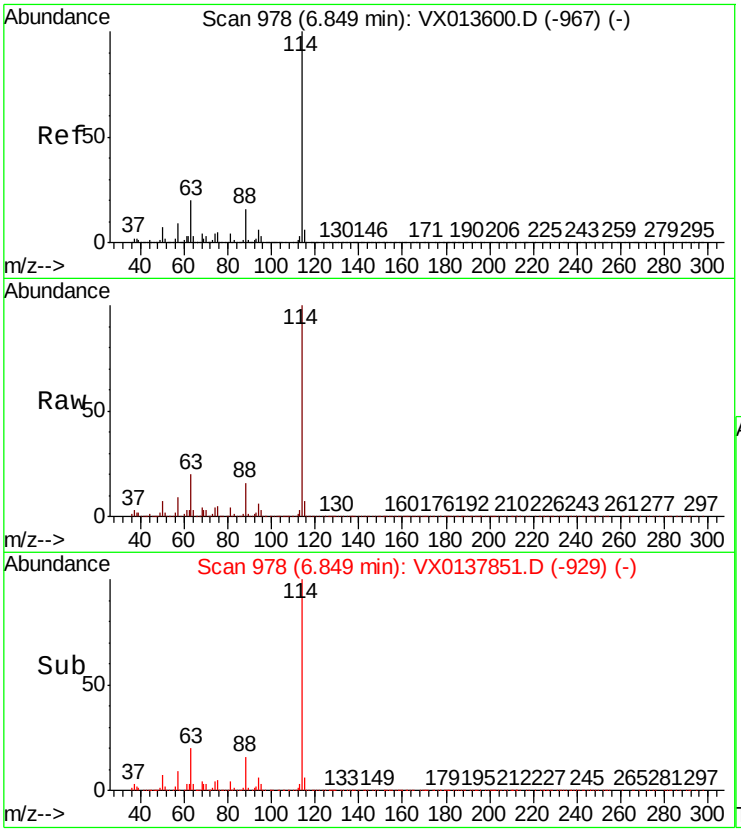


#33
1,2-Dichloroethane-d4
Concen: 47.335 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX0137851.D
Acq: 09 Dec 2019 15:00

Tgt Ion: 65 Resp: 337939

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	104.4



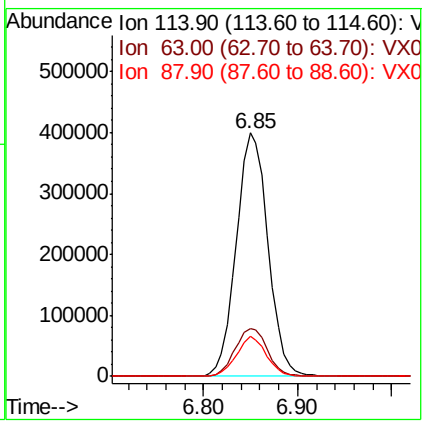


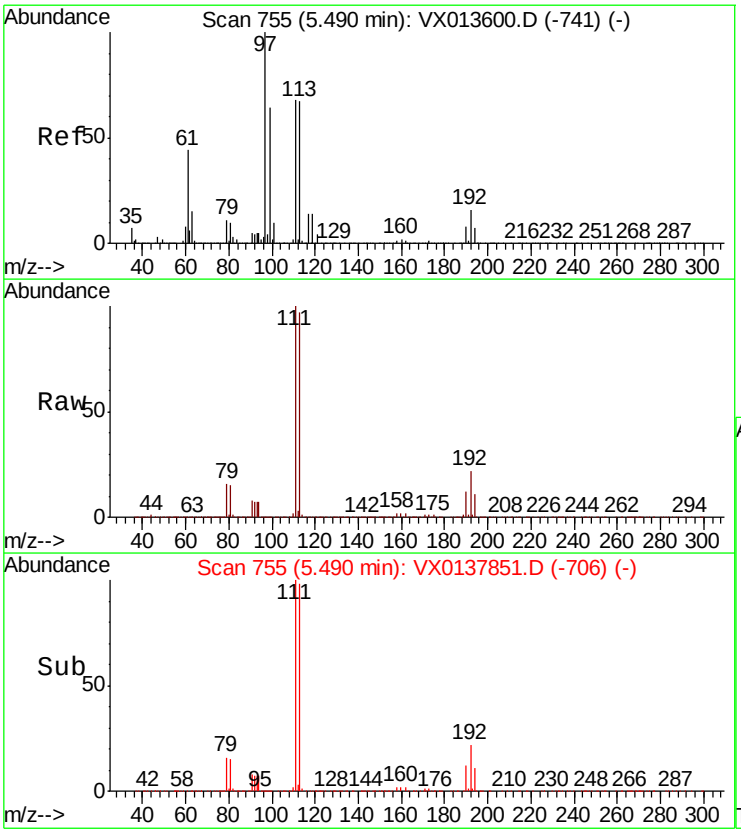
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX0137851.D
Acq: 09 Dec 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 938360

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.6
88	16.3	0.0	31.4

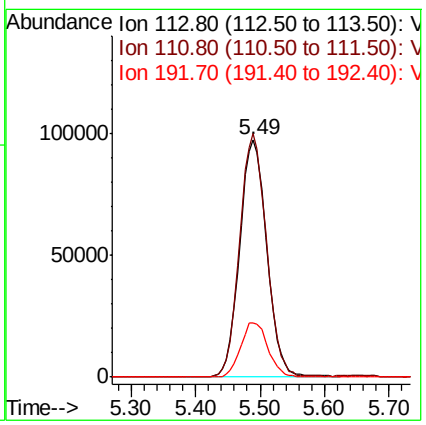


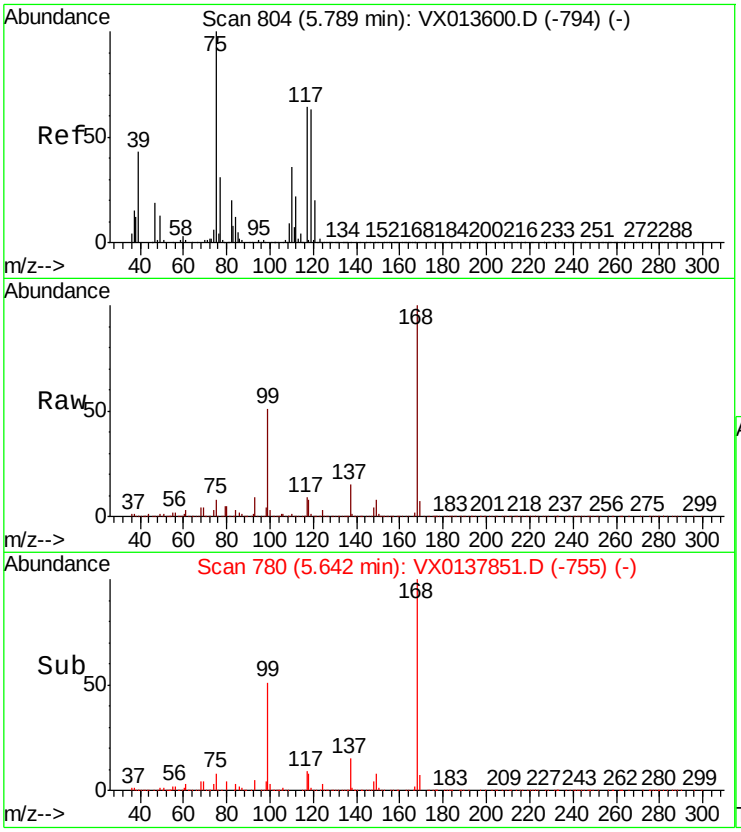


#35
Dibromofluoromethane
Concen: 48.413 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX0137851.D
Acq: 09 Dec 2019 15:00

Tgt Ion:113 Resp: 280848

Ion	Ratio	Lower	Upper
113	100		
111	101.3	83.6	125.4
192	23.5	19.2	28.8



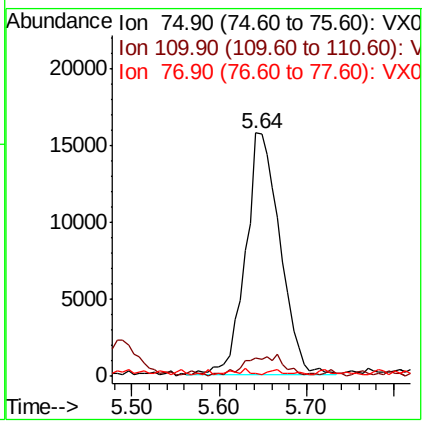


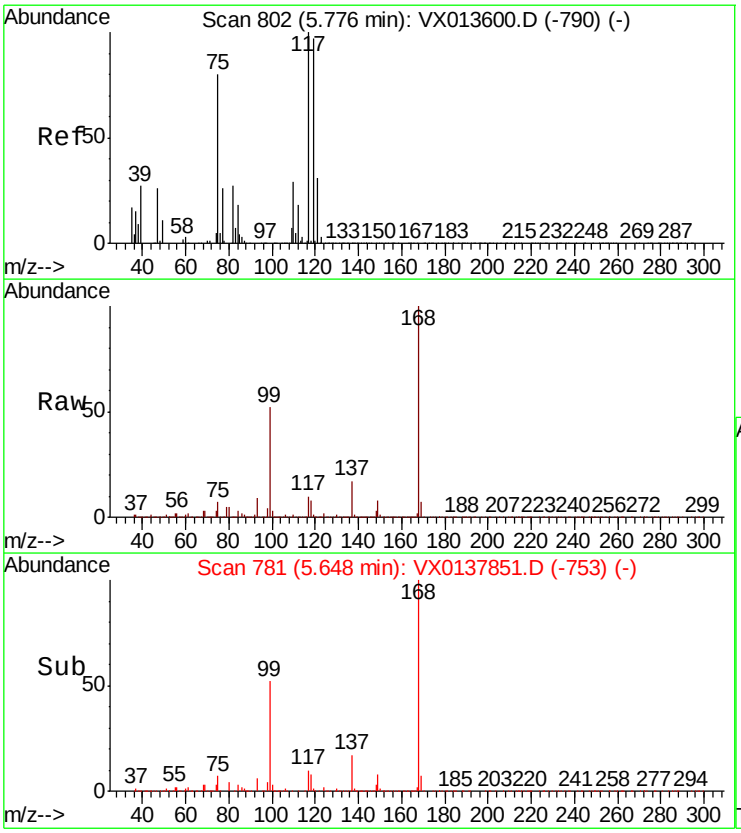
#36
1,1-Dichloropropene
Concen: 4.986 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.15 min
Lab File: VX0137851.D
Acq: 09 Dec 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 42470

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.1#
77	0.4	24.5	36.7#

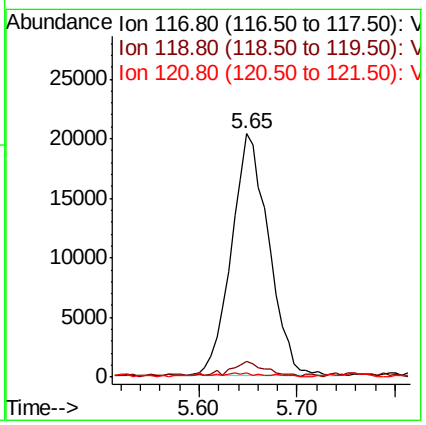


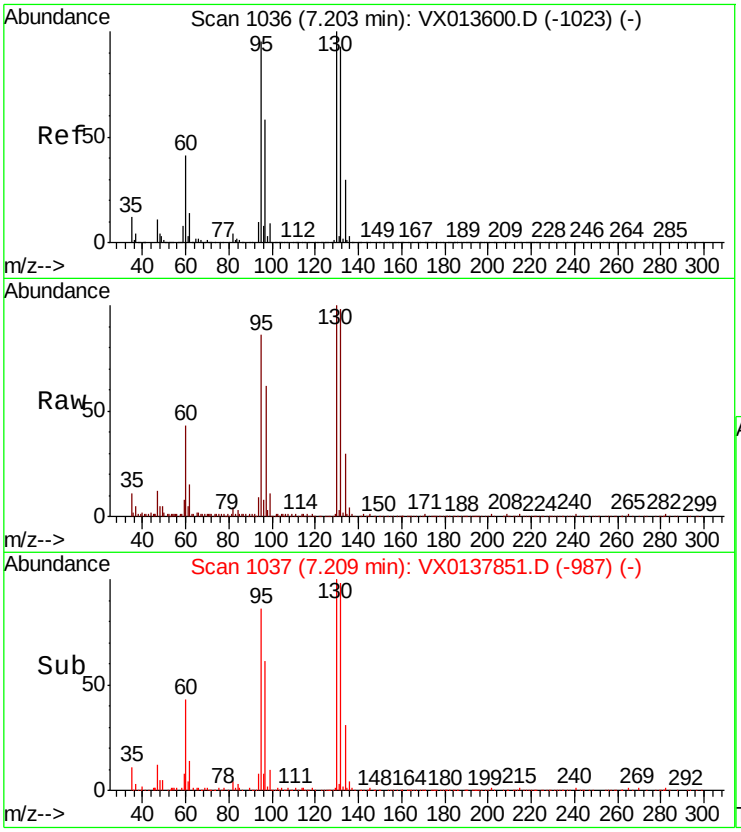


#38
Carbon Tetrachloride
Concen: 6.803 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX0137851.D
Acq: 09 Dec 2019 15:00

Tgt Ion:117 Resp: 53434

Ion	Ratio	Lower	Upper
117	100		
119	5.5	77.5	116.3#
121	1.3	25.0	37.6#



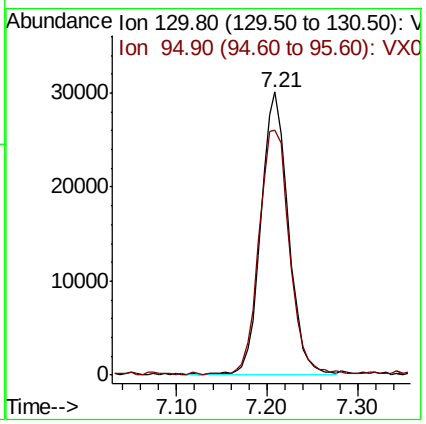


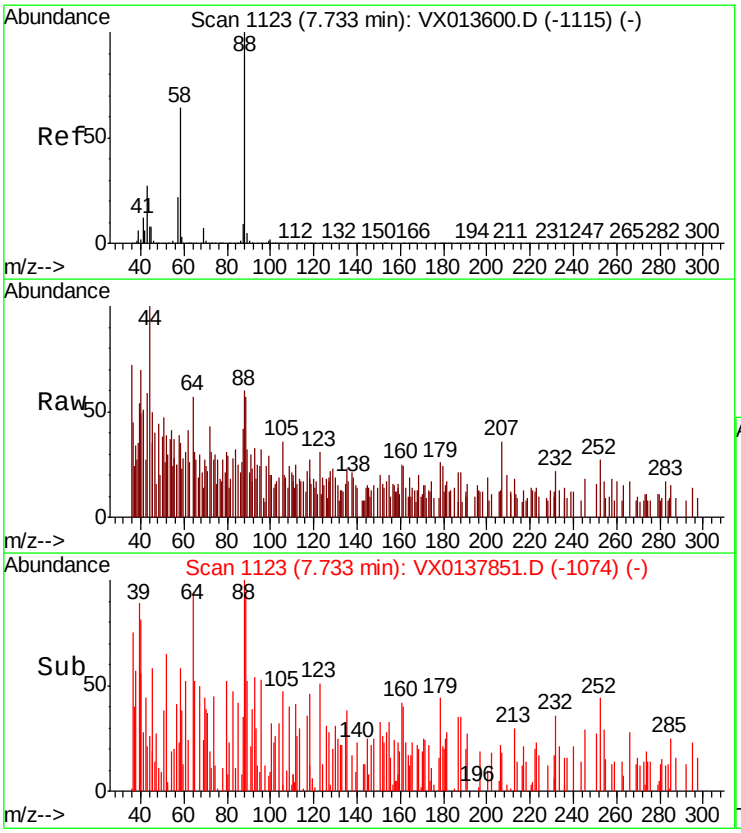
#44
Trichloroethene
Concen: 8.894 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX0137851.D
Acq: 09 Dec 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:130 Resp: 63328

Ion	Ratio	Lower	Upper
130	100		
95	86.4	0.0	190.8

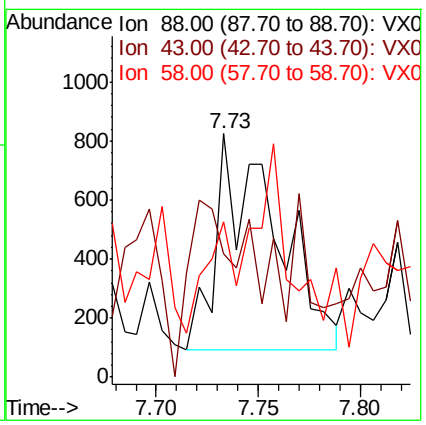


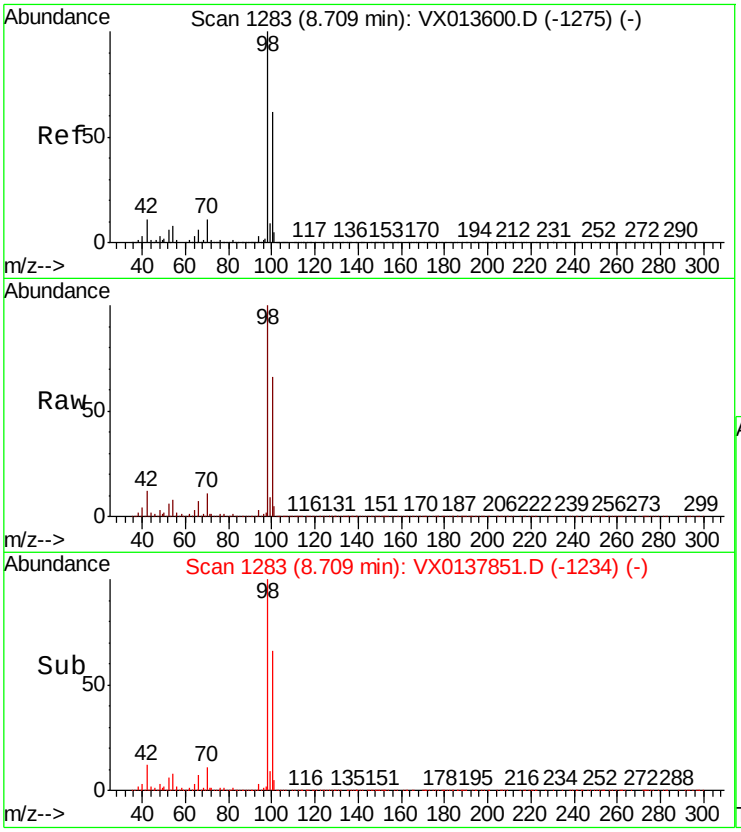


#49
1,4-Dioxane
Concen: 8.884 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX0137851.D
Acq: 09 Dec 2019 15:00

Tgt Ion: 88 Resp: 1520

Ion	Ratio	Lower	Upper
88	100		
43	55.5	25.8	38.6#
58	31.9	54.6	82.0#



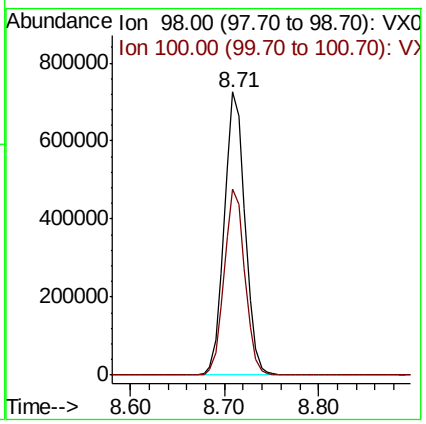


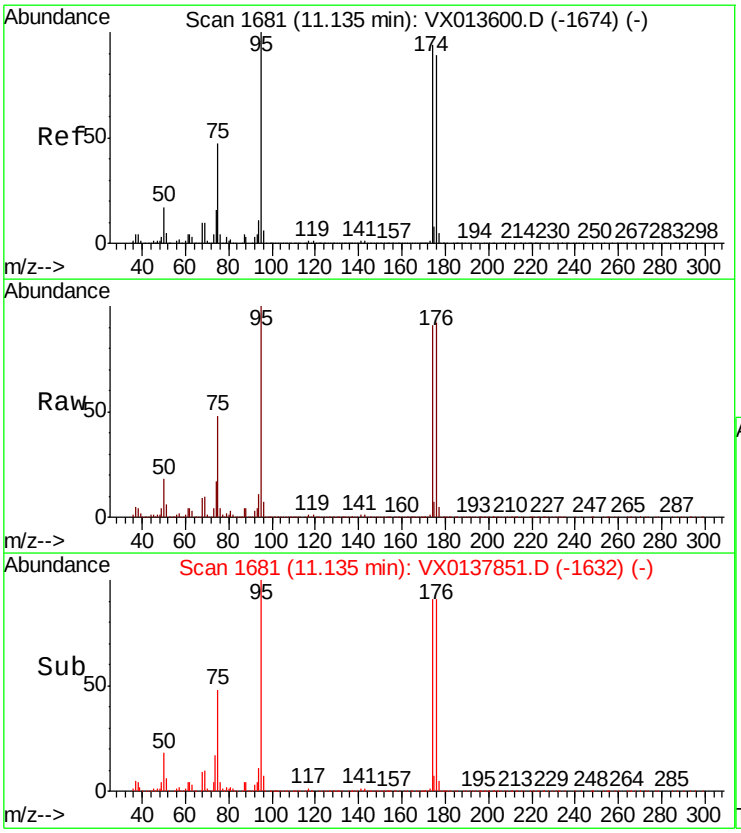
#50
Toluene-d8
Concen: 48.895 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX0137851.D
Acq: 09 Dec 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 1105112

Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.1	79.7

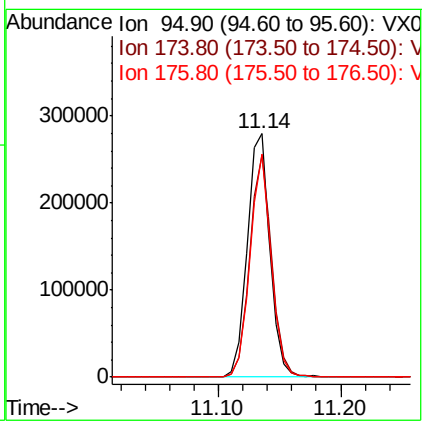


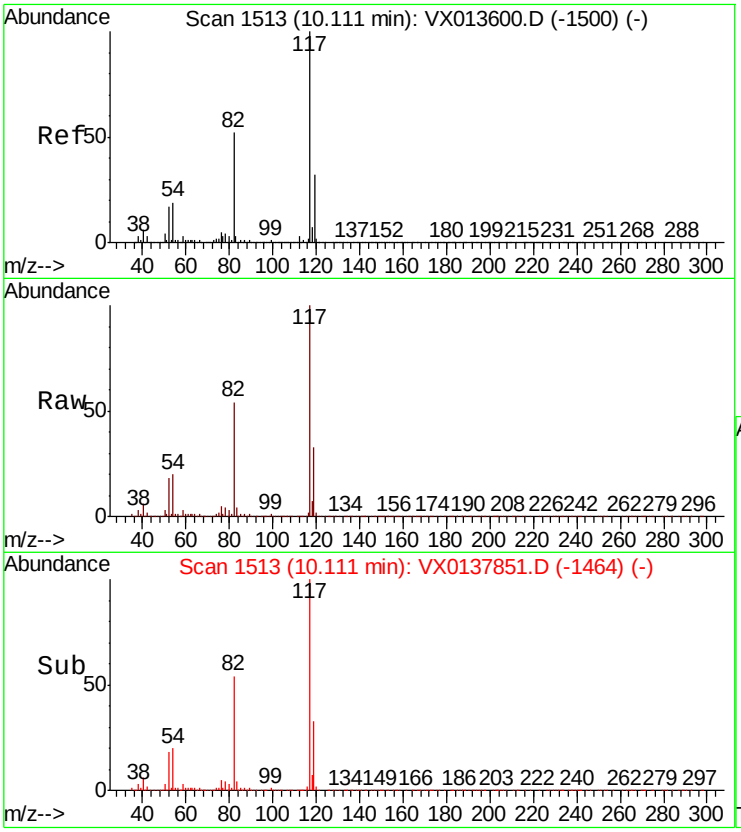


#62
4-Bromofluorobenzene
Concen: 44.263 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX0137851.D
Acq: 09 Dec 2019 15:00

Tgt Ion: 95 Resp: 360753

Ion	Ratio	Lower	Upper
95	100		
174	88.8	0.0	180.0
176	86.2	0.0	173.6



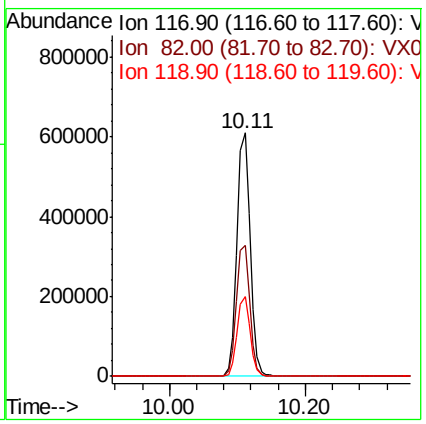


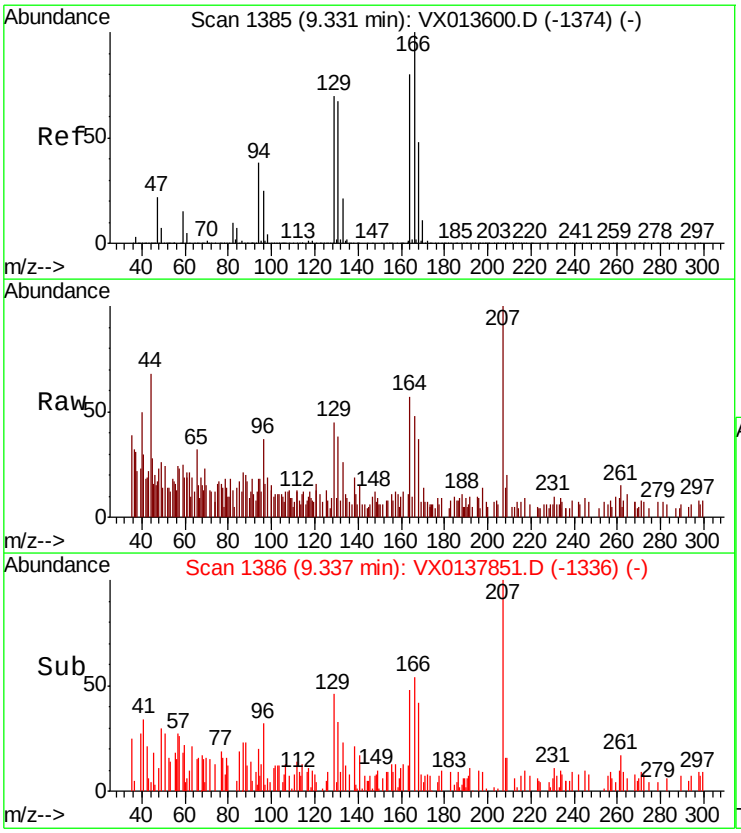
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX0137851.D
Acq: 09 Dec 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 826869

Ion	Ratio	Lower	Upper
117	100		
82	54.0	41.8	62.8
119	32.9	25.8	38.8

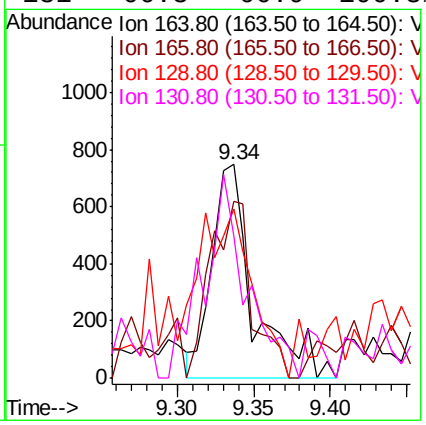


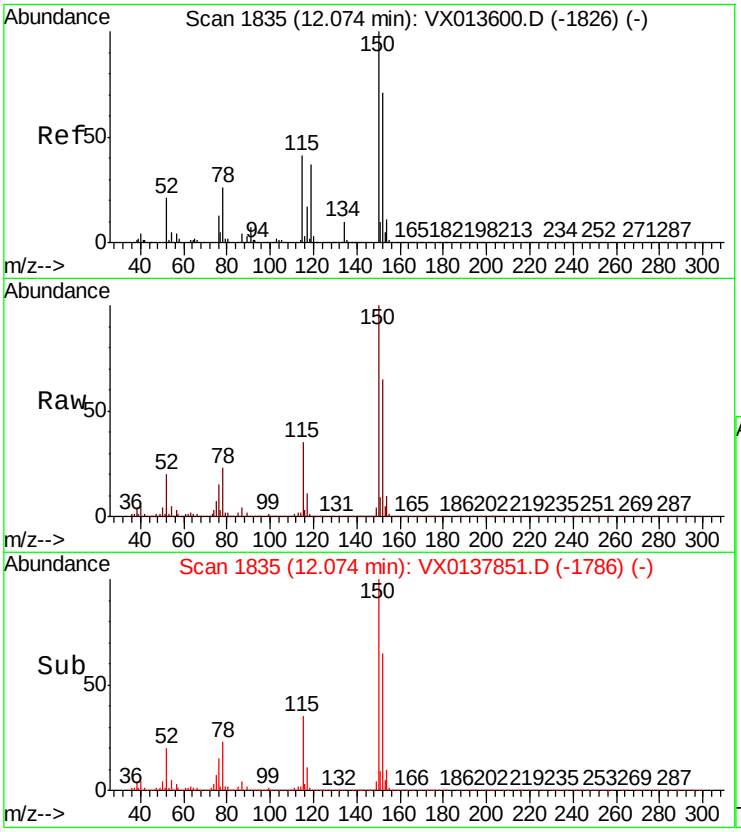


#64
Tetrachloroethene
Concen: 0.229 ug/l
RT: 9.34 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VX0137851.D
Acq: 09 Dec 2019 15:00

Tgt Ion:164 Resp: 1412

Ion	Ratio	Lower	Upper
164	100		
166	82.6	99.7	149.5#
129	49.9	70.1	105.1#
131	66.3	66.9	100.3#



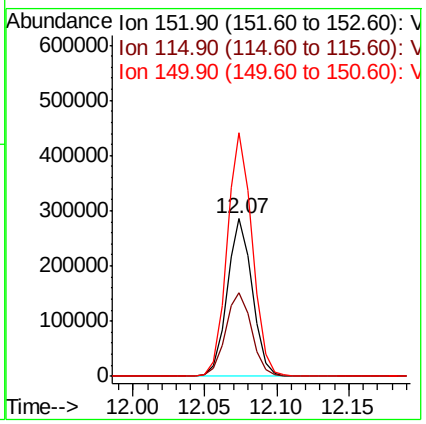


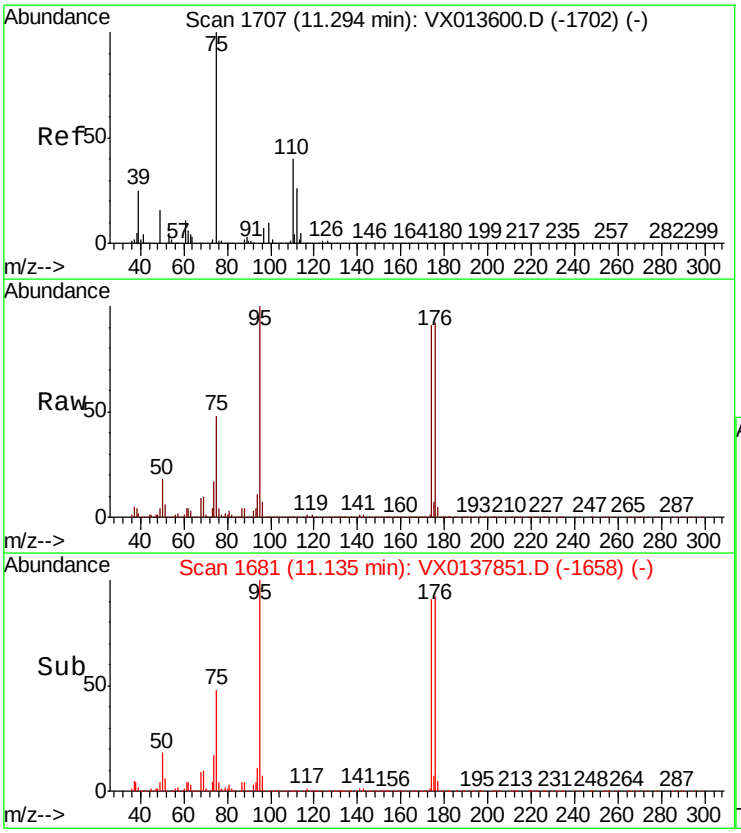
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX0137851.D
Acq: 09 Dec 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 349973

Ion	Ratio	Lower	Upper
152	100		
115	55.2	38.4	115.1
150	154.8	0.0	346.8

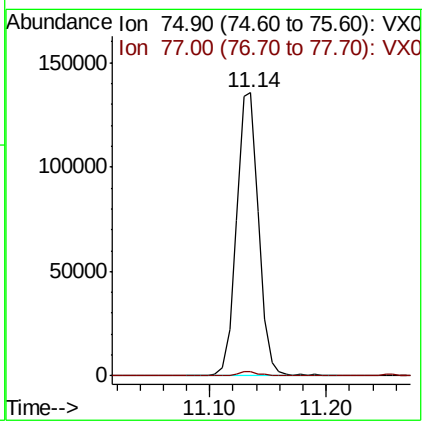


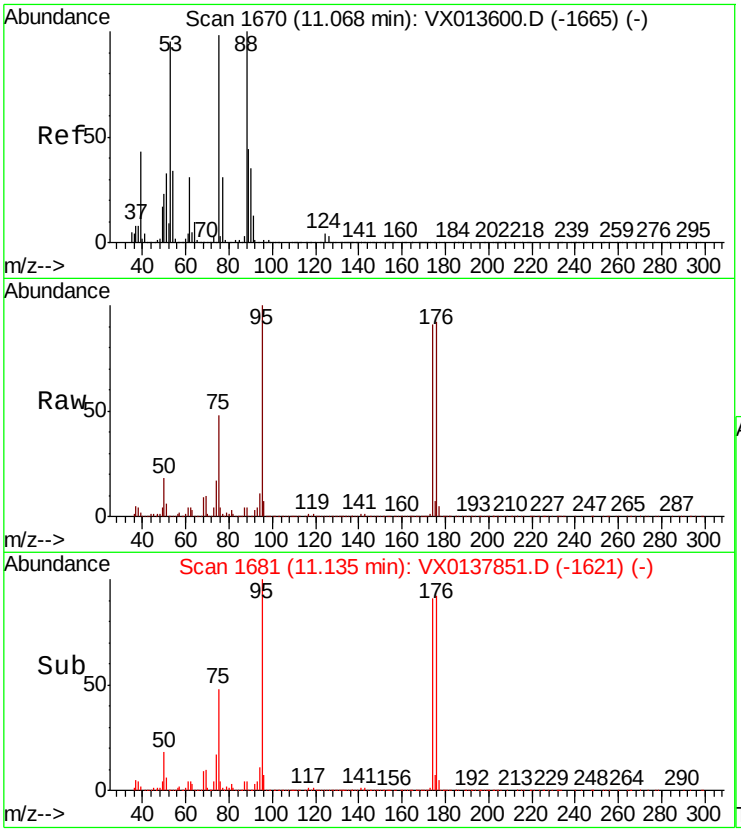


#76
1,2,3-Trichloropropane
Concen: 22.703 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX0137851.D
Acq: 09 Dec 2019 15:00

Tgt Ion: 75 Resp: 178709

Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.1	57.5#



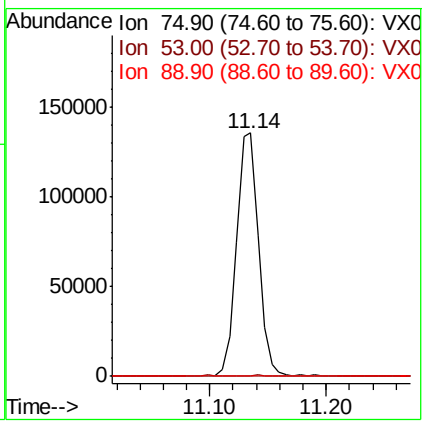


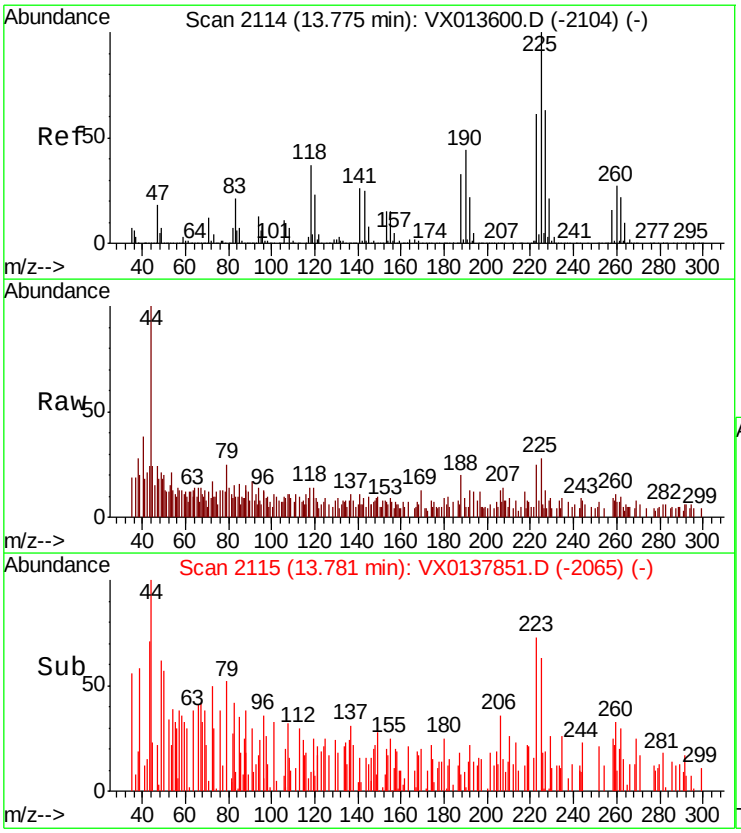
#81
trans-1,4-Dichloro-2-butene
Concen: 62.112 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX0137851.D
Acq: 09 Dec 2019 15:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 178709

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





#94
Hexachlorobutadiene
Concen: 0.276 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VX0137851.D
Acq: 09 Dec 2019 15:00

Tgt Ion:225 Resp: 1054

Ion	Ratio	Lower	Upper
225	100		
223	80.7	31.9	95.5
227	32.2	32.1	96.3