Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112219\
Data File : VX013534.D
Acq On : 22 Nov 2019 15:35
Operator : JC/SP
Sample : K5957-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TRIP-BLANK

Quant Time: Nov 22 16:38:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	669460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1093308	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	969358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	431370	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	396910	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.08%			
35) Dibromofluoromethane	5.49	113	327225	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.44%			
50) Toluene-d8	8.71	98	1299104	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.50%			
62) 4-Bromofluorobenzene	11.13	95	434959	46.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.24%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	11988	1.433	ug/l	97
5) Bromomethane	1.64	94	2652	0.400	ug/l #	67
6) Chloroethane	1.83	64	1131	Below Cal		98
11) Tert butyl alcohol	3.01	59	176968	84.657	ug/l #	77
13) Acrolein	2.30	56	360	0.318	ug/l #	8
16) Acetone	2.44	43	7357	1.860	ug/l	97
20) Methylene Chloride	2.85	84	4513	0.617	ug/l #	72
25) 2-Butanone	4.68	43	8954	1.543	ug/l #	81
36) 1,1-Dichloropropene	5.64	75	45809	4.884	ug/l #	49
38) Carbon Tetrachloride	5.65	117	59116	6.445	ug/l #	16
44) Trichloroethene	7.22	130	1680	0.209	ug/l	44
49) 1,4-Dioxane	7.76	88	947	4.590	ug/l #	45
56) Ethyl methacrylate	9.18	69	225	1.580	ug/l #	1
71) Bromoform	10.84	173	278	3.242	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	212129	24.211	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	212129	62.318	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.81	105	5515	0.231	ug/l	77
92) 1,2-Dibromo-3-Chloropropan	13.01	75	686	0.270	ug/l #	30
95) Naphthalene	13.83	128	8979	0.302	ug/l #	84

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

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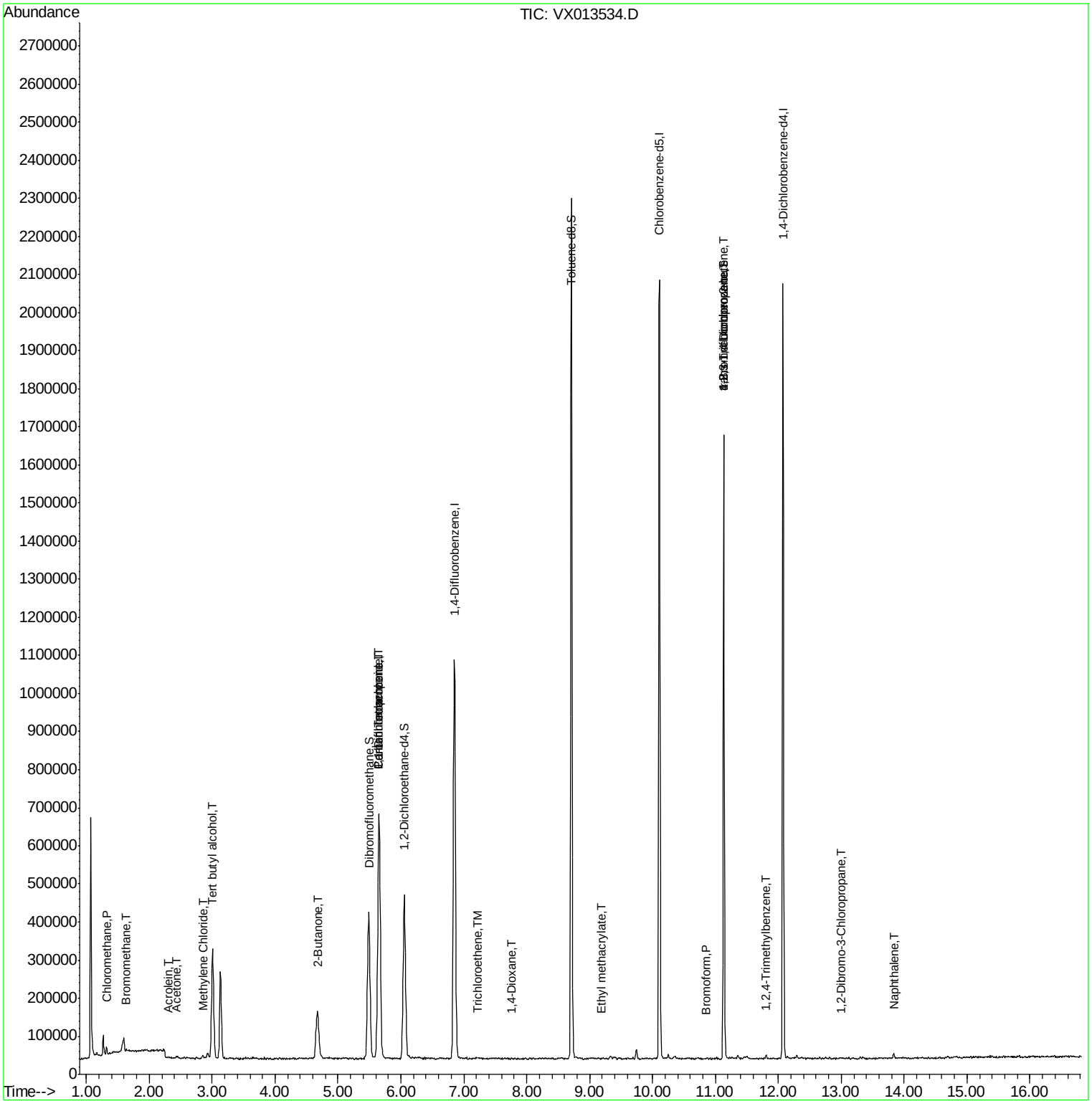
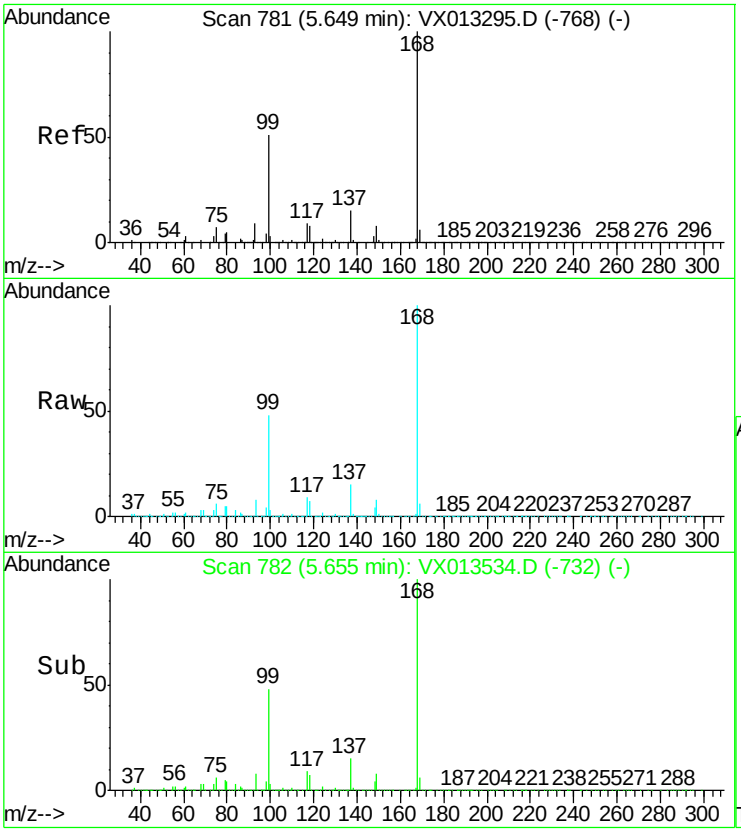


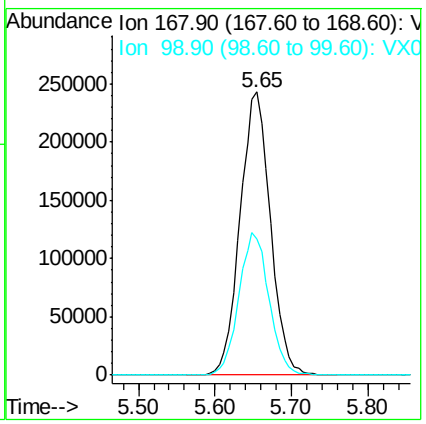


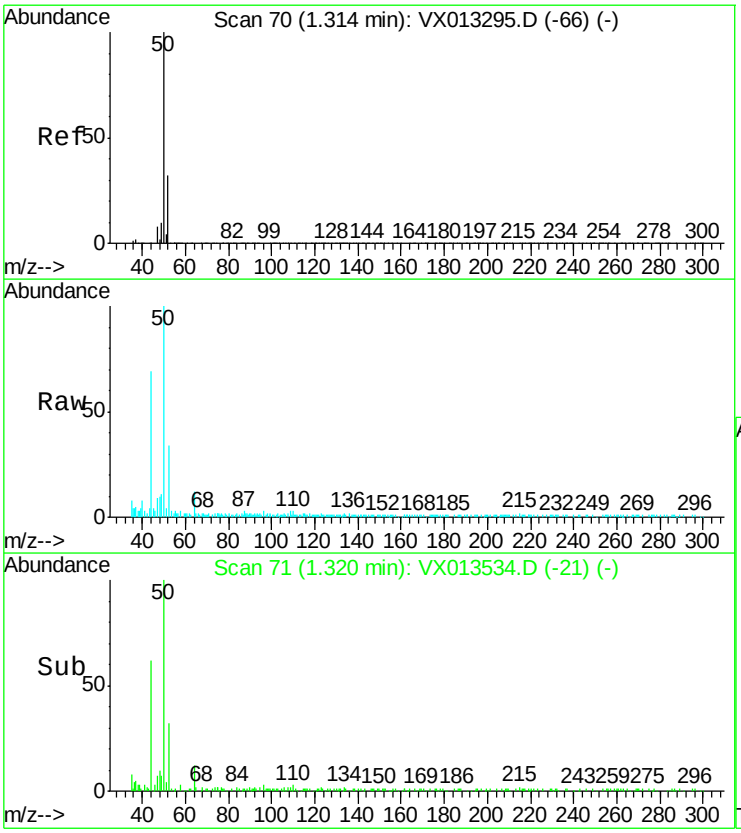
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX013534.D
Acq: 22 Nov 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion:168 Resp: 669460

Ion	Ratio	Lower	Upper
168	100		
99	47.9	40.8	61.2

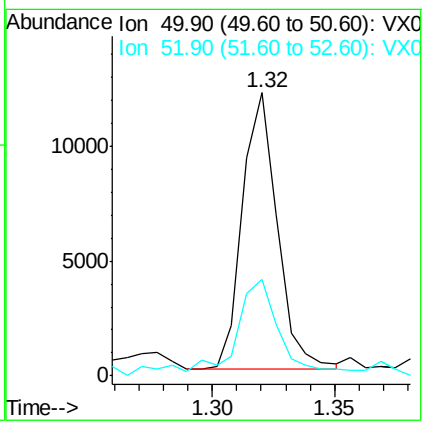


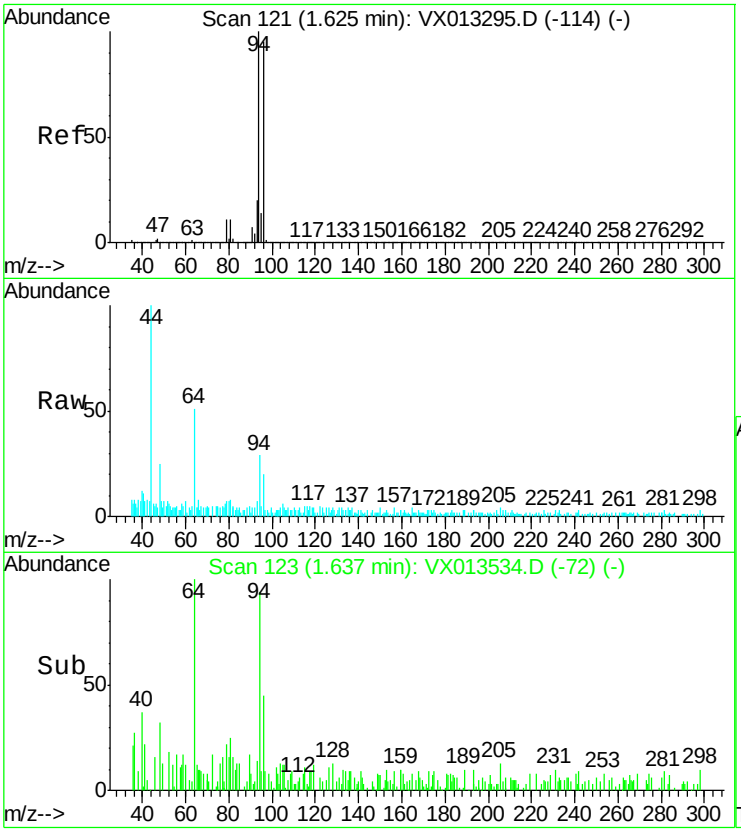


#3
Chloromethane
Concen: 1.433 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013534.D
Acq: 22 Nov 2019 15:35

Tgt Ion: 50 Resp: 11988

Ion	Ratio	Lower	Upper
50	100		
52	33.4	25.5	38.3



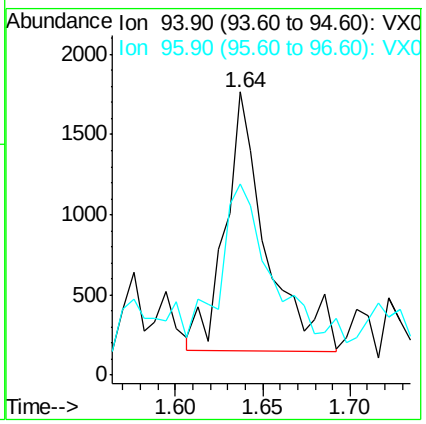


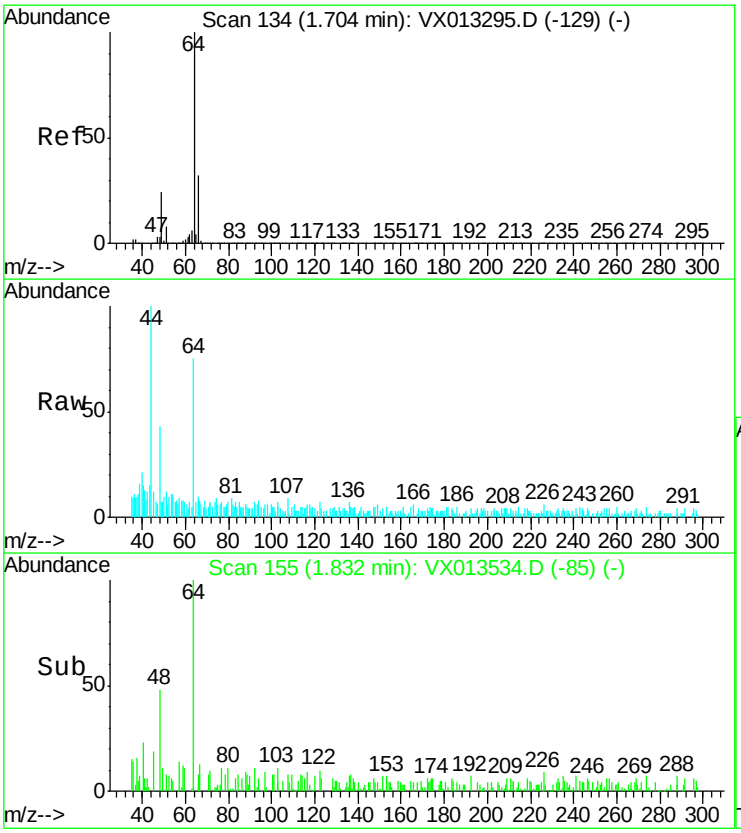
#5
Bromomethane
Concen: 0.400 ug/l
RT: 1.64 min Scan# 123
Delta R.T. 0.01 min
Lab File: VX013534.D
Acq: 22 Nov 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 94 Resp: 2652

Ion	Ratio	Lower	Upper
94	100		
96	62.6	75.8	113.8#

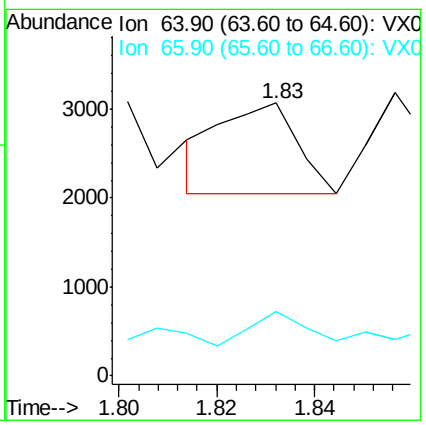


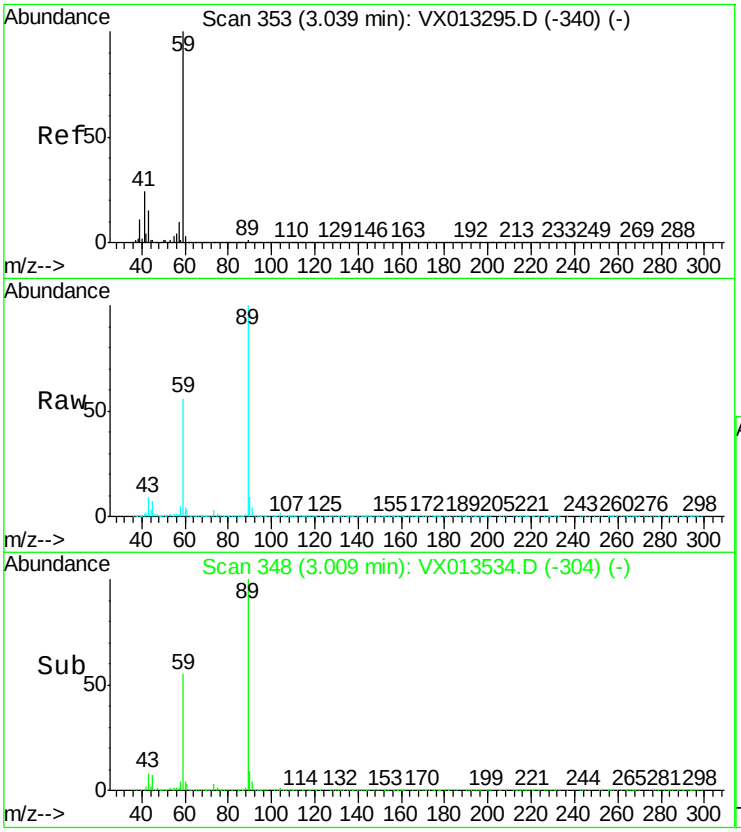


#6
Chloroethane
Concen: Below Cal
RT: 1.83 min Scan# 155
Delta R.T. 0.13 min
Lab File: VX013534.D
Acq: 22 Nov 2019 15:35

Tgt Ion: 64 Resp: 1131

Ion	Ratio	Lower	Upper
64	100		
66	33.1	25.6	38.4



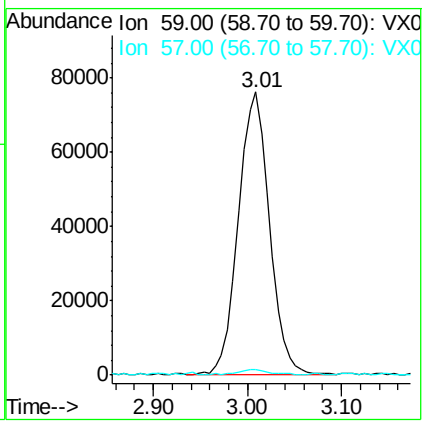


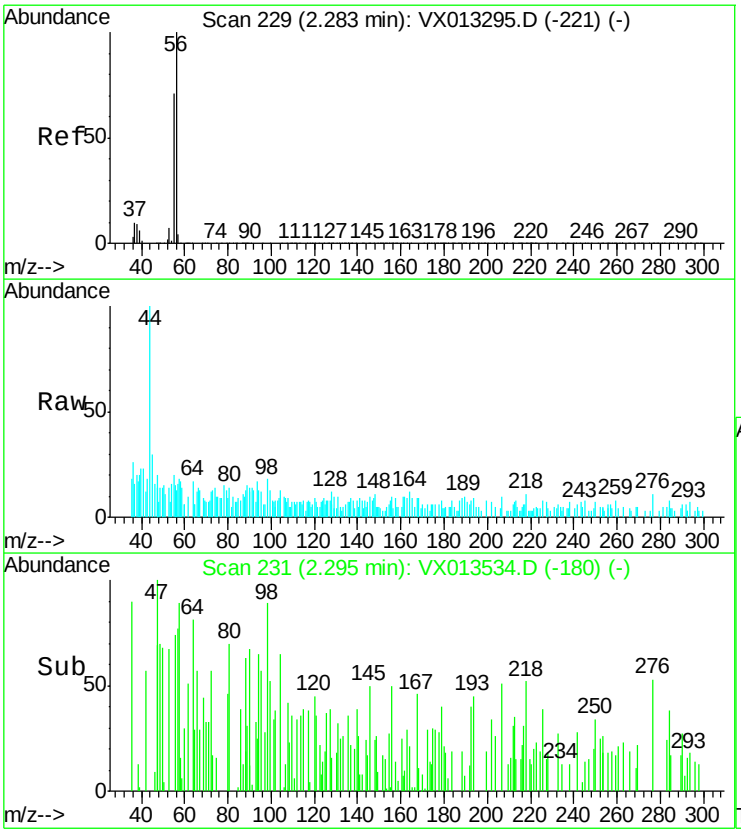
#11
Tert butyl alcohol
Concen: 84.657 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.03 min
Lab File: VX013534.D
Acq: 22 Nov 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 59 Resp: 176968

Ion	Ratio	Lower	Upper
59	100		
57	1.6	8.0	12.0#

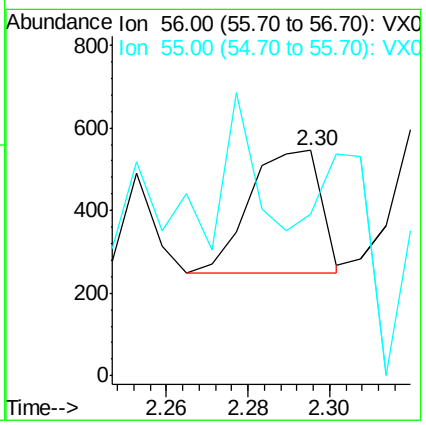


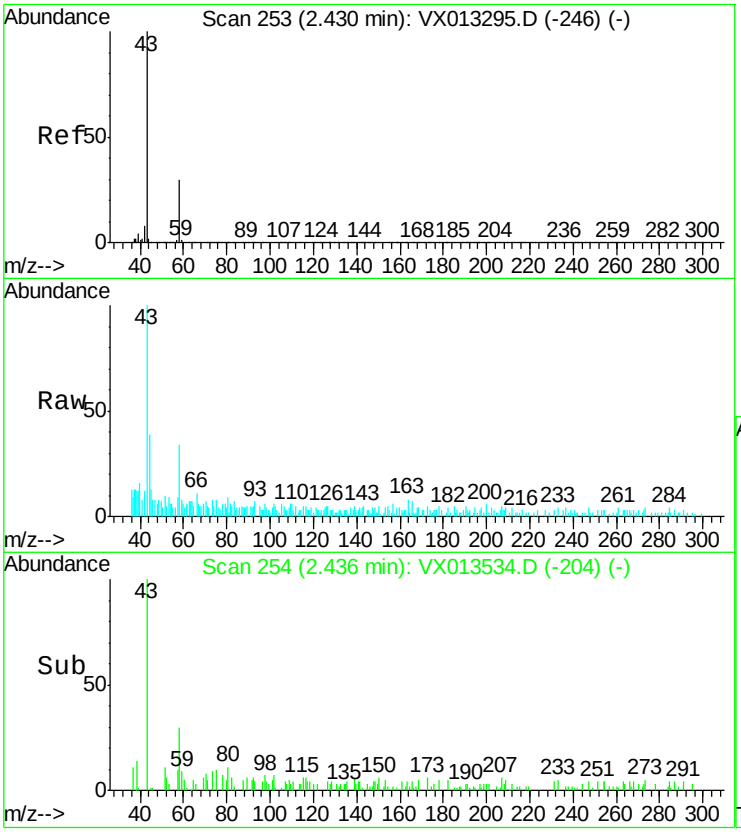


#13
Acrolein
Concen: 0.318 ug/l
RT: 2.30 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX013534.D
Acq: 22 Nov 2019 15:35

Tgt Ion: 56 Resp: 360

Ion	Ratio	Lower	Upper
56	100		
55	148.3	57.4	86.0#



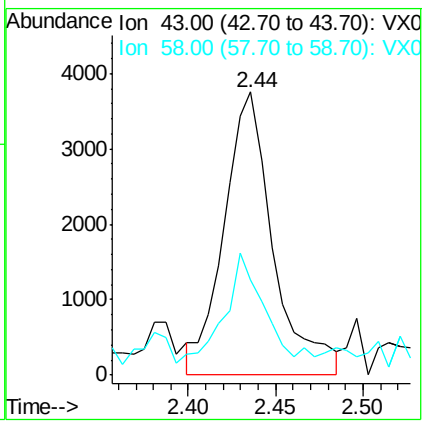


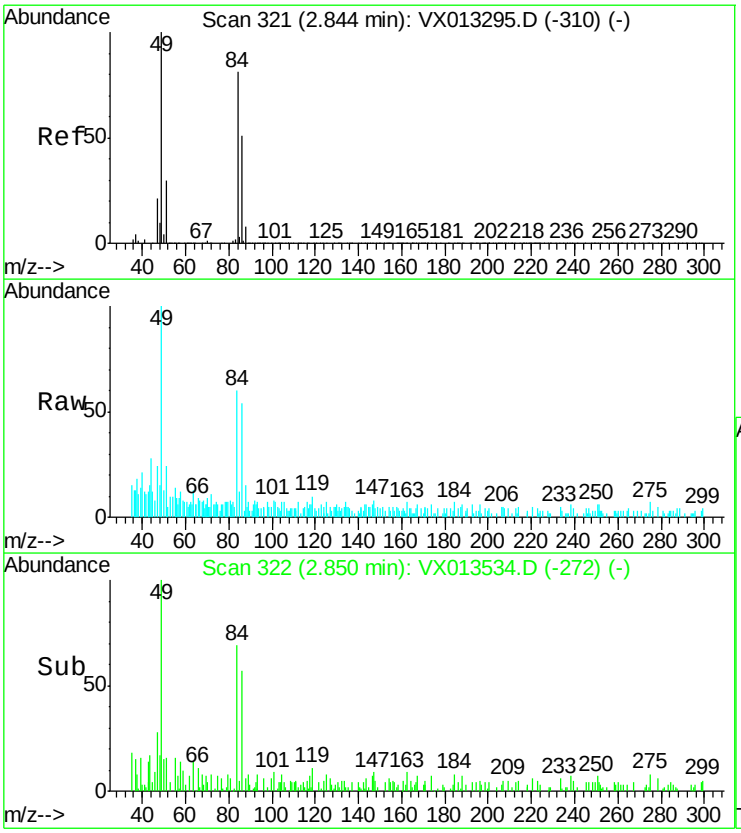
#16
Acetone
Concen: 1.860 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX013534.D
Acq: 22 Nov 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 43 Resp: 7357

Ion	Ratio	Lower	Upper
43	100		
58	28.7	24.3	36.5

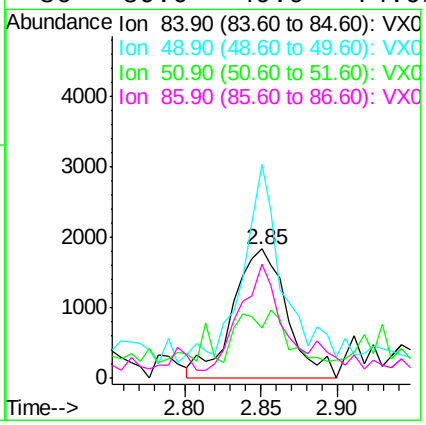


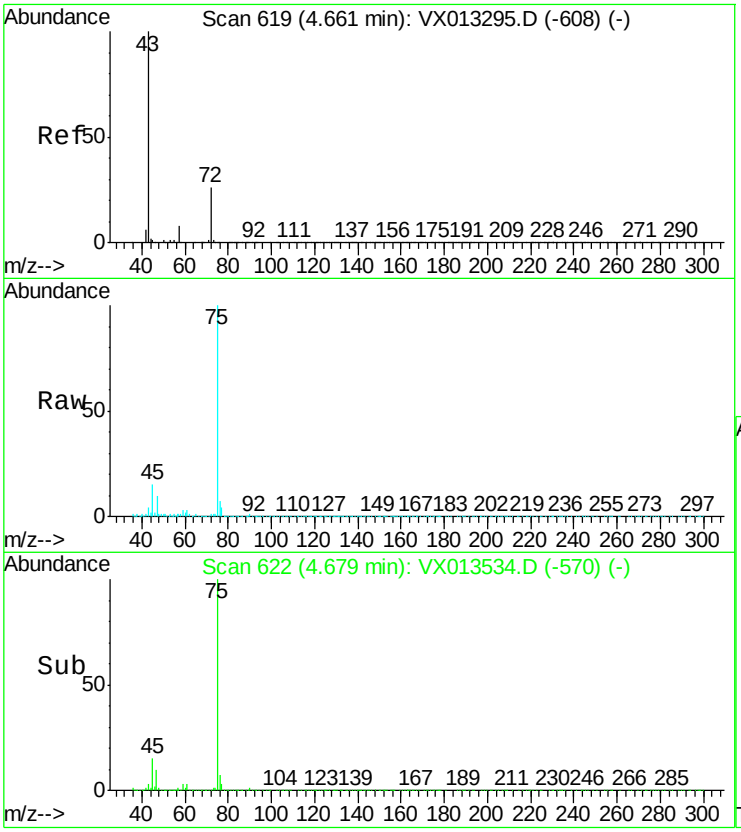


#20
Methylene Chloride
Concen: 0.617 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013534.D
Acq: 22 Nov 2019 15:35

Tgt Ion: 84 Resp: 4513

Ion	Ratio	Lower	Upper
84	100		
49	161.4	98.2	147.4#
51	27.6	29.9	44.9#
86	80.0	49.9	74.9#



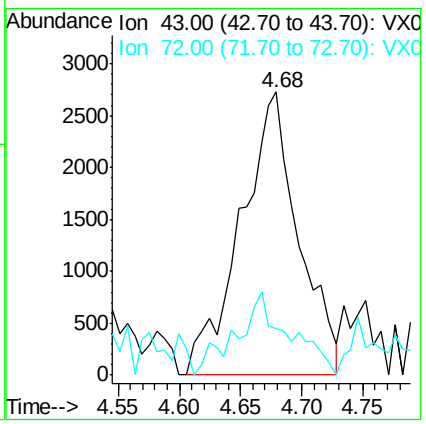


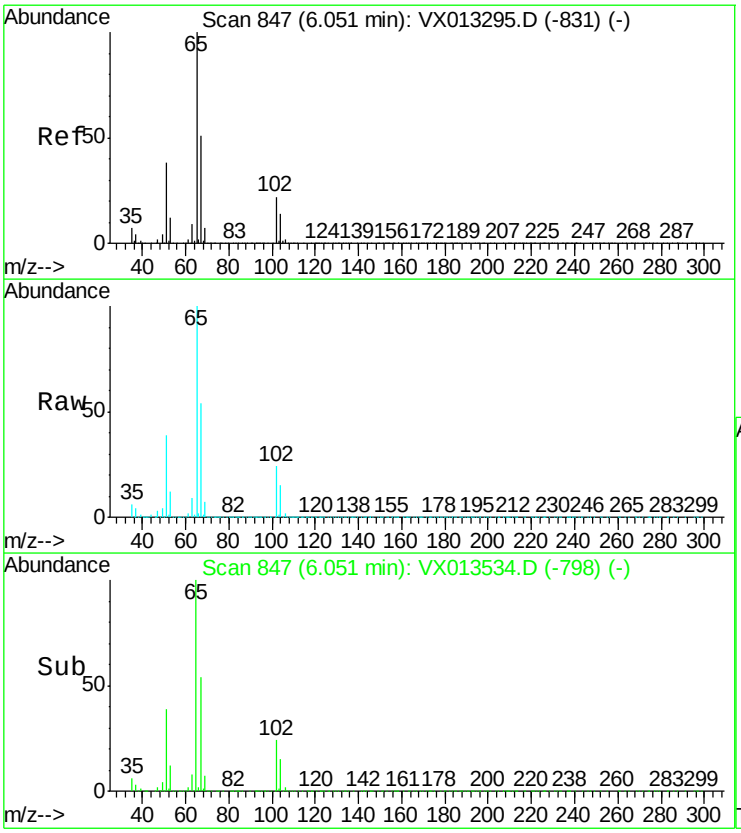
#25
2-Butanone
Concen: 1.543 ug/l
RT: 4.68 min Scan# 622
Delta R.T. 0.02 min
Lab File: VX013534.D
Acq: 22 Nov 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 43 Resp: 8954

Ion	Ratio	Lower	Upper
43	100		
72	16.6	21.0	31.6#

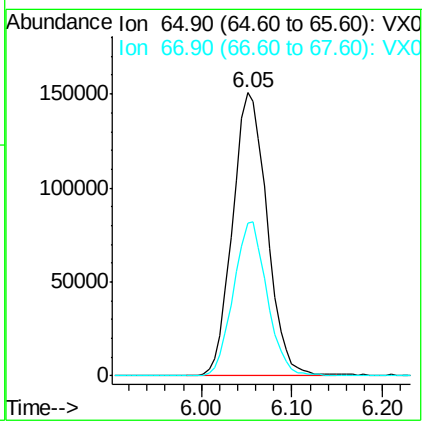


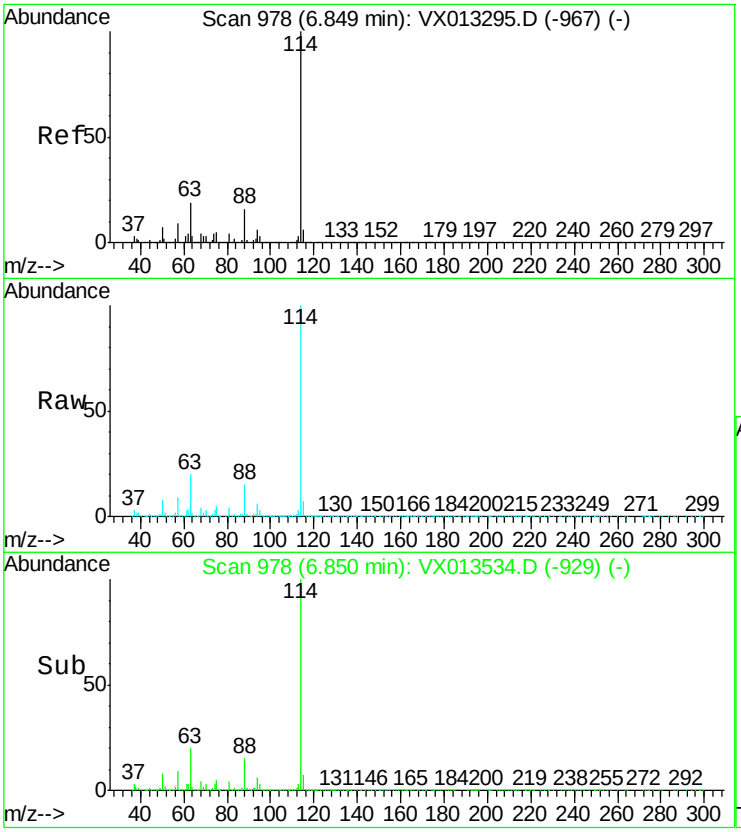


#33
1,2-Dichloroethane-d4
Concen: 50.045 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013534.D
Acq: 22 Nov 2019 15:35

Tgt Ion: 65 Resp: 396910

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	104.2



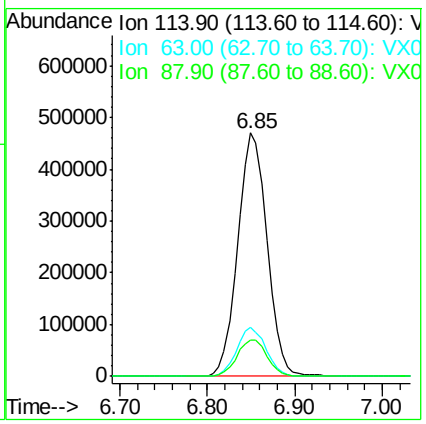


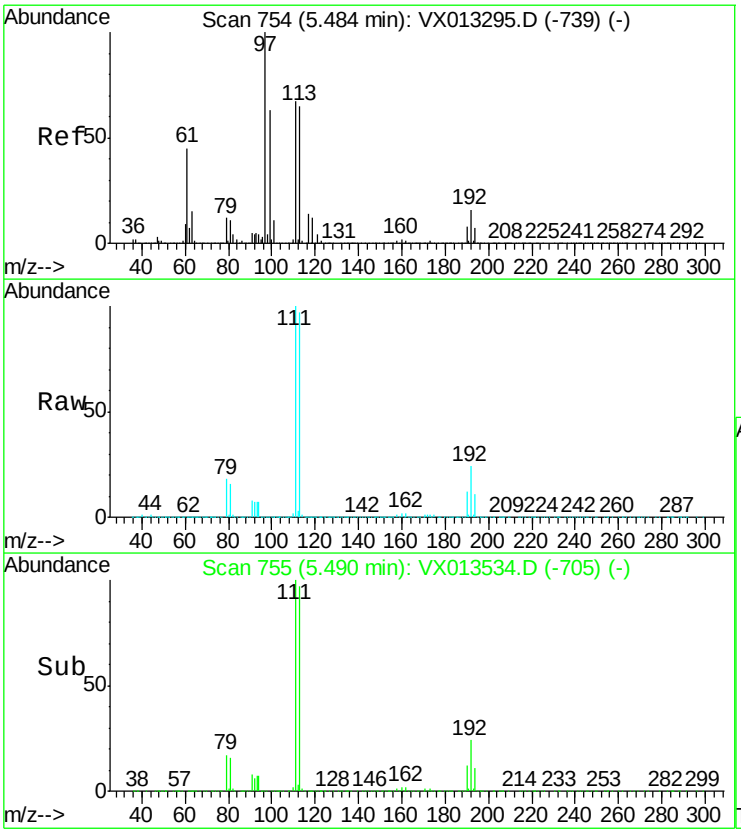
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013534.D
Acq: 22 Nov 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion:114 Resp: 1093308

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	38.4
88	15.1	0.0	32.2

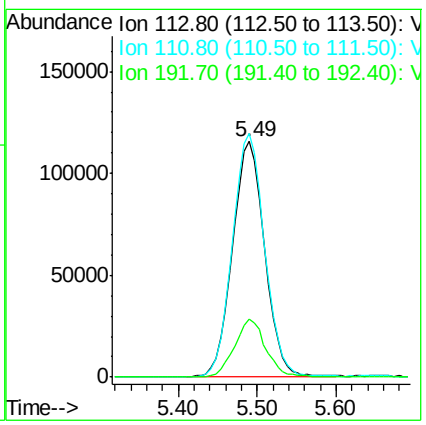


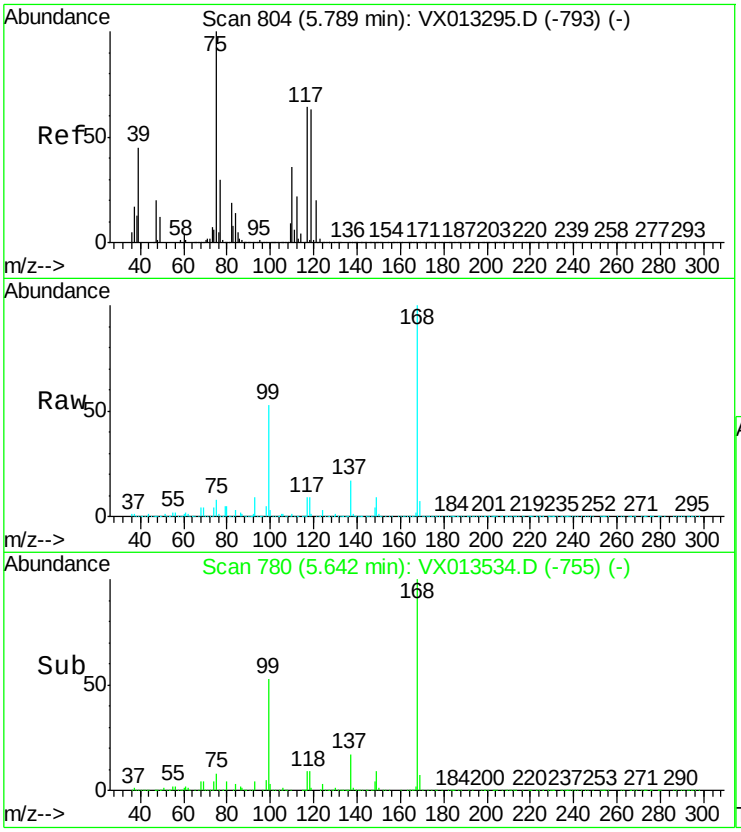


#35
Dibromofluoromethane
Concen: 47.719 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013534.D
Acq: 22 Nov 2019 15:35

Tgt Ion:113 Resp: 327225

Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.9	122.9
192	23.9	19.1	28.7



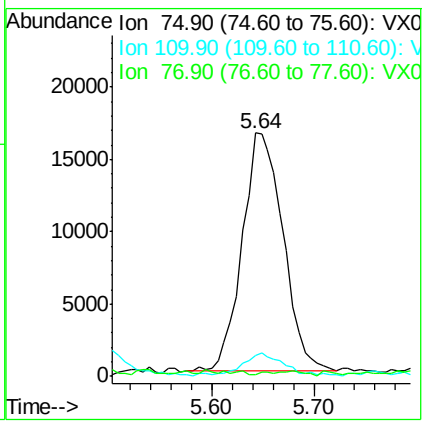


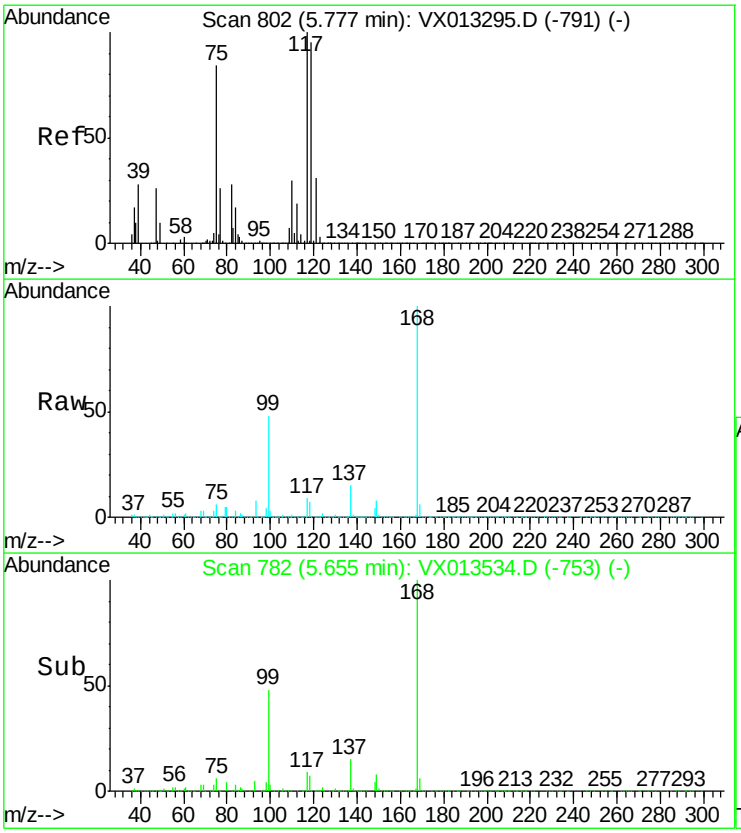
#36
1,1-Dichloropropene
Concen: 4.884 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.15 min
Lab File: VX013534.D
Acq: 22 Nov 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 45809

Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.1#
77	0.4	25.0	37.4#

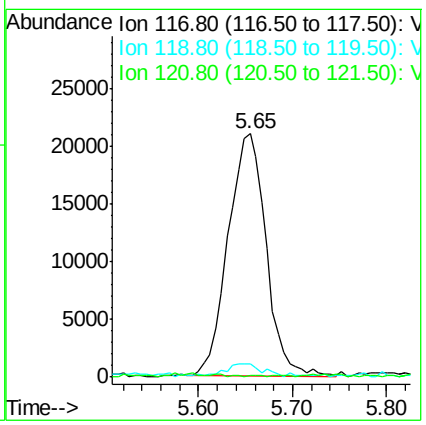


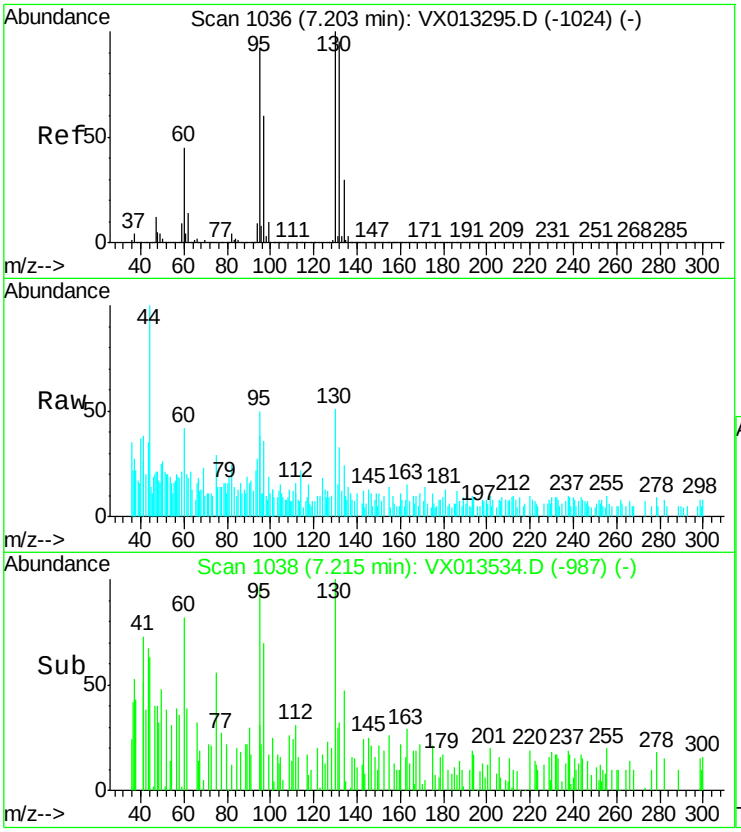


#38
Carbon Tetrachloride
Concen: 6.445 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX013534.D
Acq: 22 Nov 2019 15:35

Tgt Ion:117 Resp: 59116

Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.1	114.1#
121	0.0	24.6	37.0#



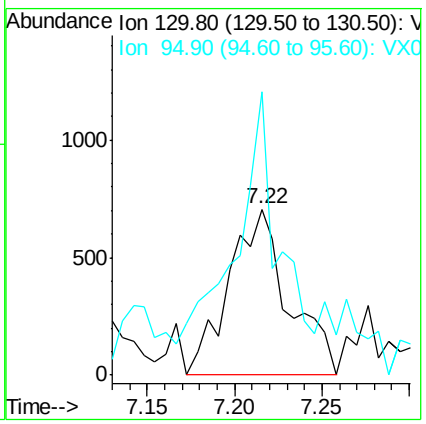


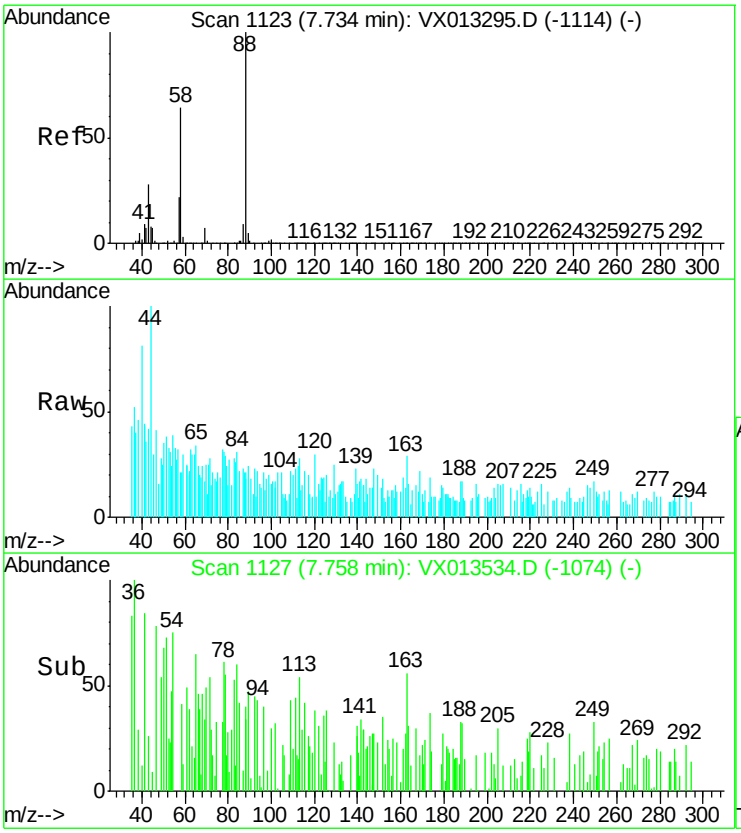
#44
Trichloroethene
Concen: 0.209 ug/l
RT: 7.22 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VX013534.D
Acq: 22 Nov 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion:130 Resp: 1680

Ion	Ratio	Lower	Upper
130	100		
95	146.3	0.0	184.8

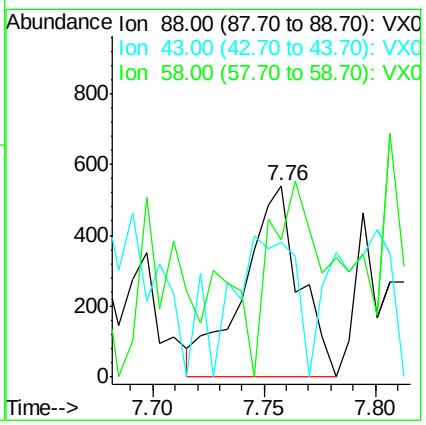


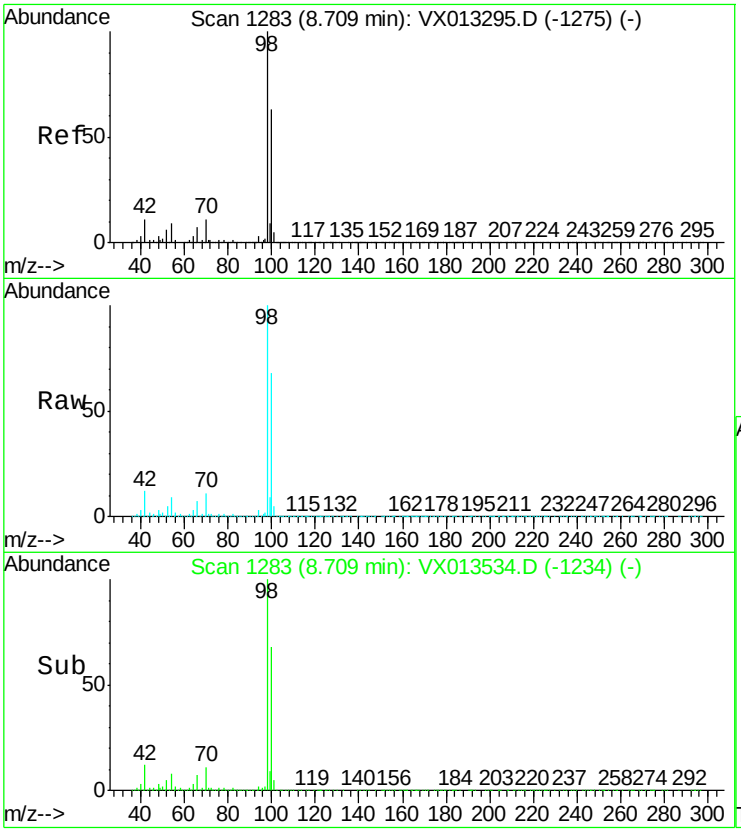


#49
1,4-Dioxane
Concen: 4.590 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. 0.02 min
Lab File: VX013534.D
Acq: 22 Nov 2019 15:35

Tgt Ion: 88 Resp: 947

Ion	Ratio	Lower	Upper
88	100		
43	76.1	26.6	39.8#
58	105.6	55.0	82.6#



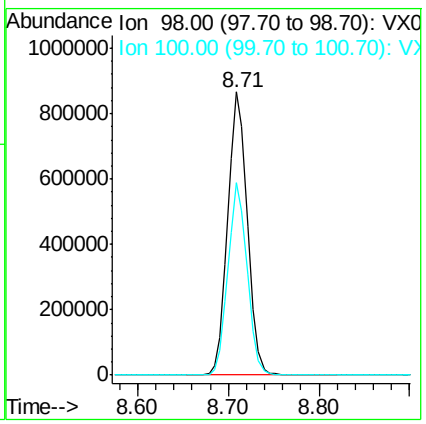


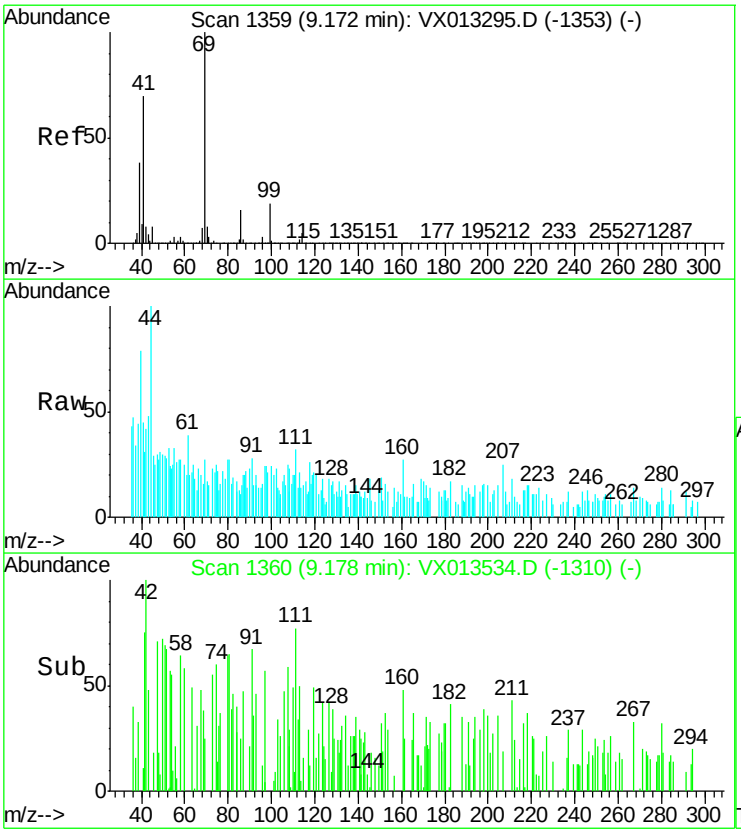
#50
Toluene-d8
Concen: 50.252 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013534.D
Acq: 22 Nov 2019 15:35

Instrument : MSVOA_X
ClientSampleId : TRIP-BLANK

Tgt Ion: 98 Resp: 1299104

Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.2	78.2

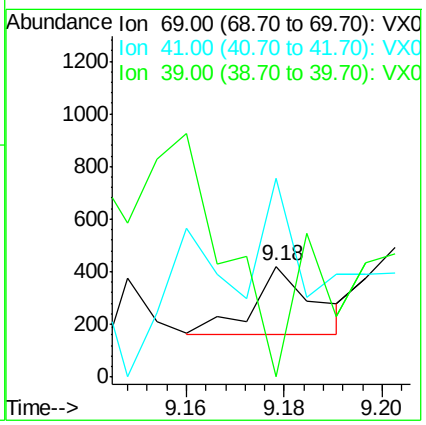


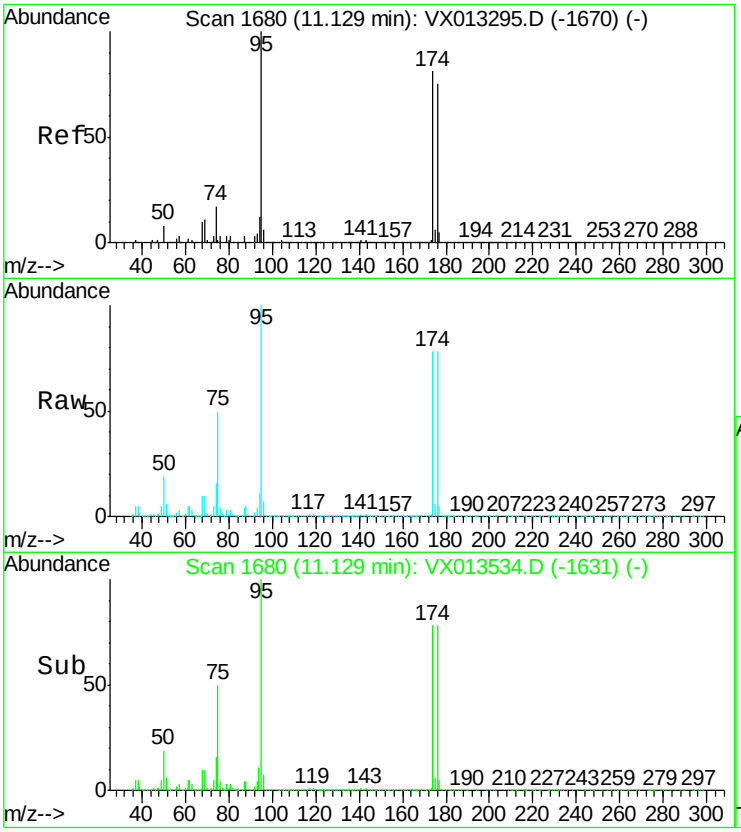


#56
Ethyl methacrylate
Concen: 1.580 ug/l
RT: 9.18 min Scan# 1360
Delta R.T. 0.01 min
Lab File: VX013534.D
Acq: 22 Nov 2019 15:35

Tgt Ion: 69 Resp: 225

Ion	Ratio	Lower	Upper
69	100		
41	478.2	56.2	84.2#
39	915.6	31.1	46.7#



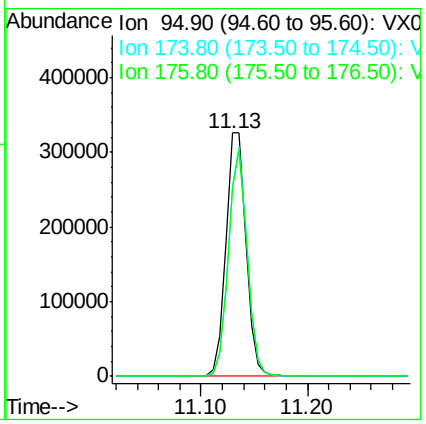


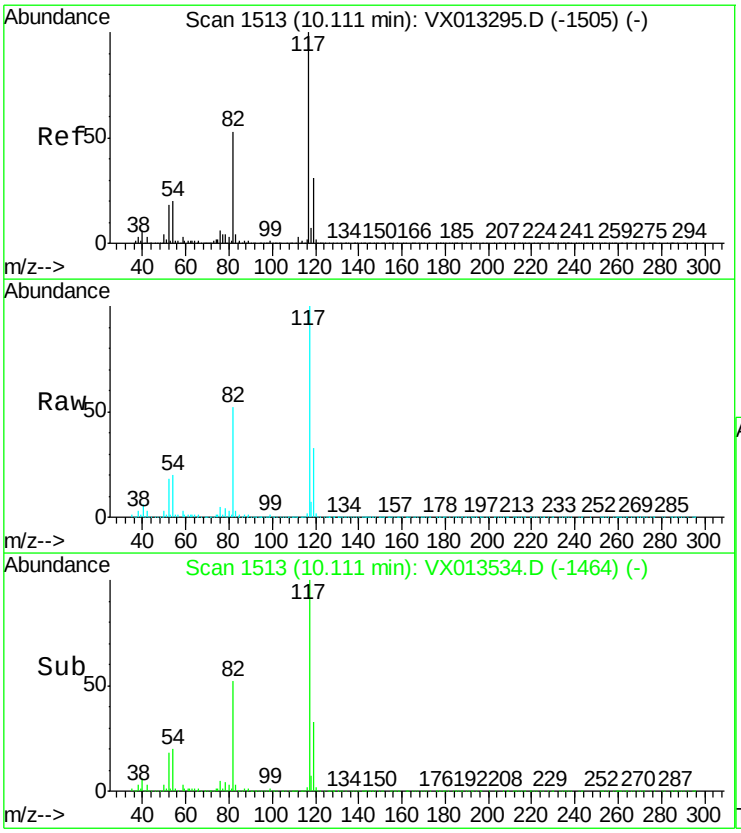
#62
4-Bromofluorobenzene
Concen: 46.620 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX013534.D
Acq: 22 Nov 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 95 Resp: 434959

Ion	Ratio	Lower	Upper
95	100		
174	87.8	0.0	179.8
176	86.5	0.0	173.0

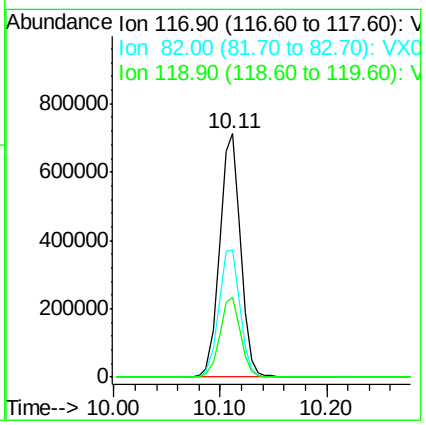


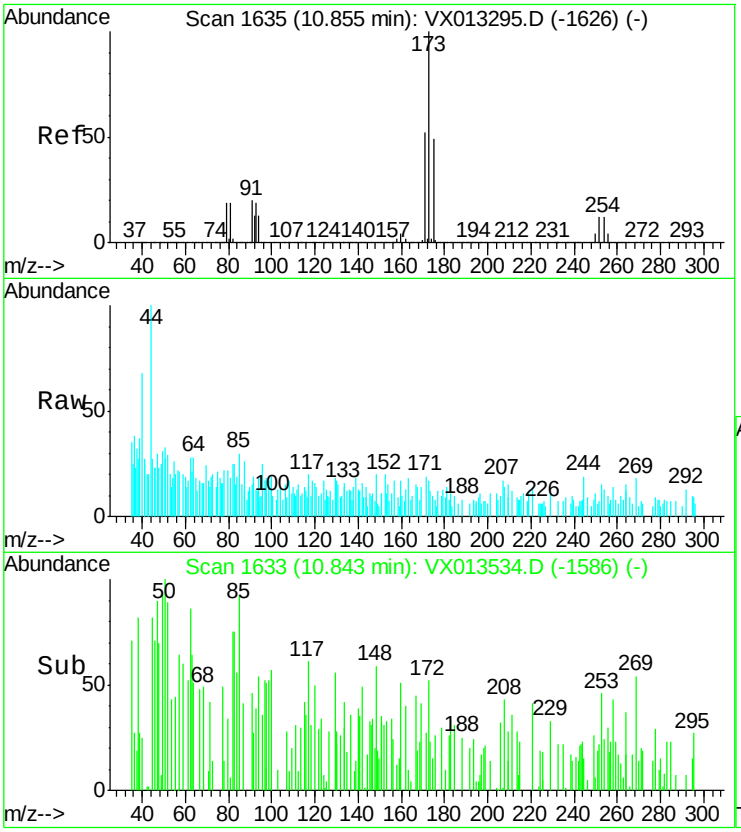


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013534.D
Acq: 22 Nov 2019 15:35

Tgt Ion:117 Resp: 969358

Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.6	64.0
119	32.9	24.8	37.2



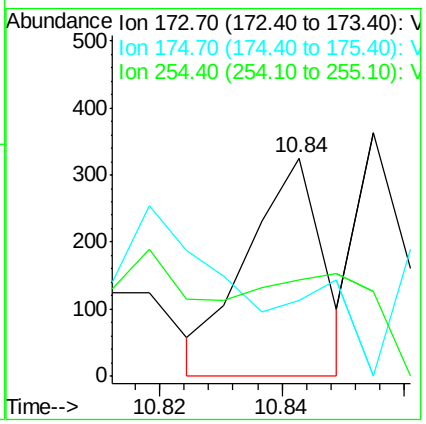


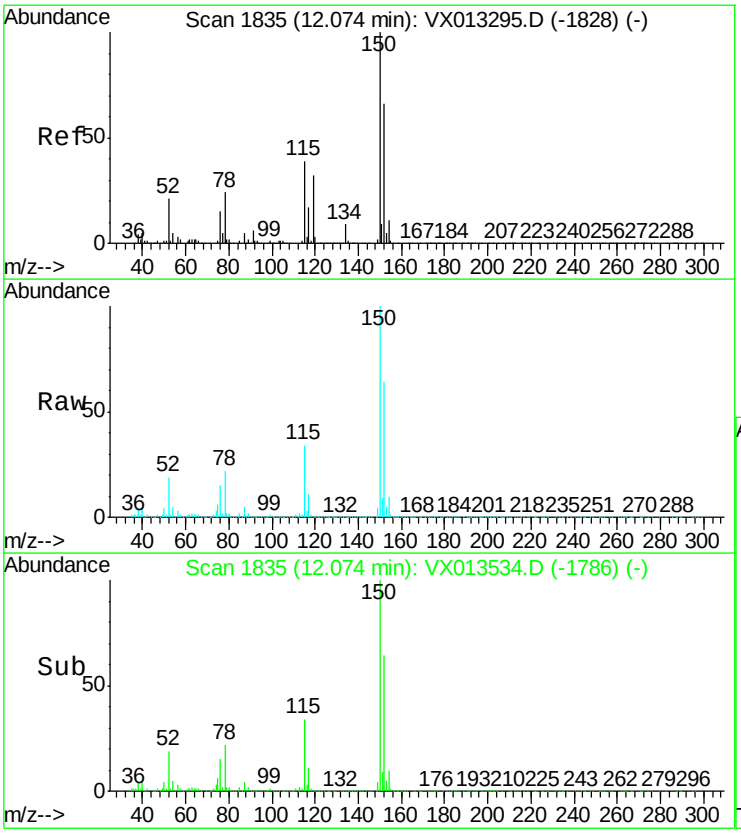
#71
Bromoform
Concen: 3.242 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.01 min
Lab File: VX013534.D
Acq: 22 Nov 2019 15:35

Instrument : MSVOA_X
ClientSampleId : TRIP-BLANK

Tgt Ion:173 Resp: 278

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.8	74.4#
254	73.0	0.2	0.2#

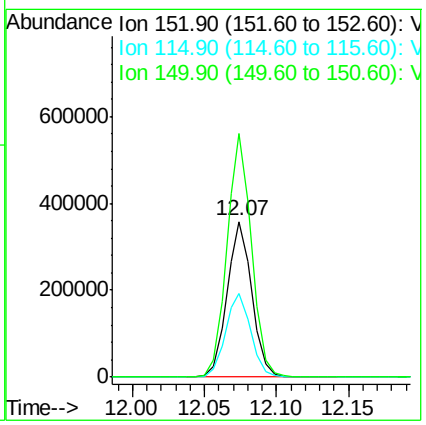


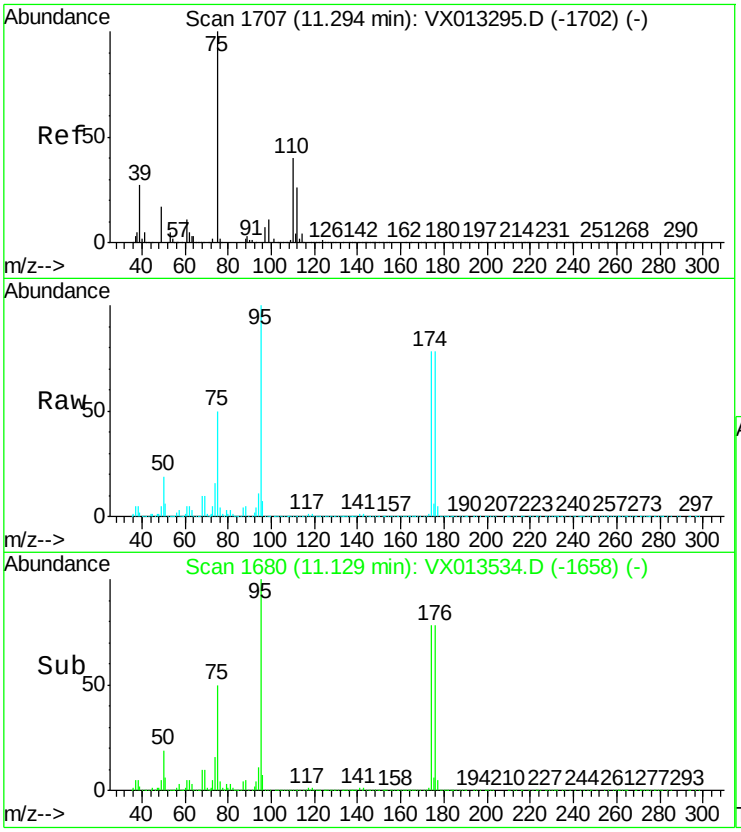


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013534.D
Acq: 22 Nov 2019 15:35

Tgt Ion:152 Resp: 431370

Ion	Ratio	Lower	Upper
152	100		
115	54.8	39.5	118.3
150	155.2	0.0	344.4



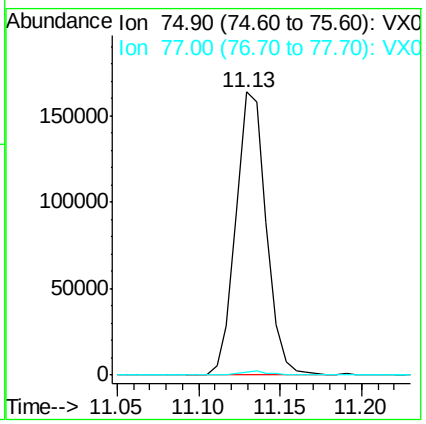


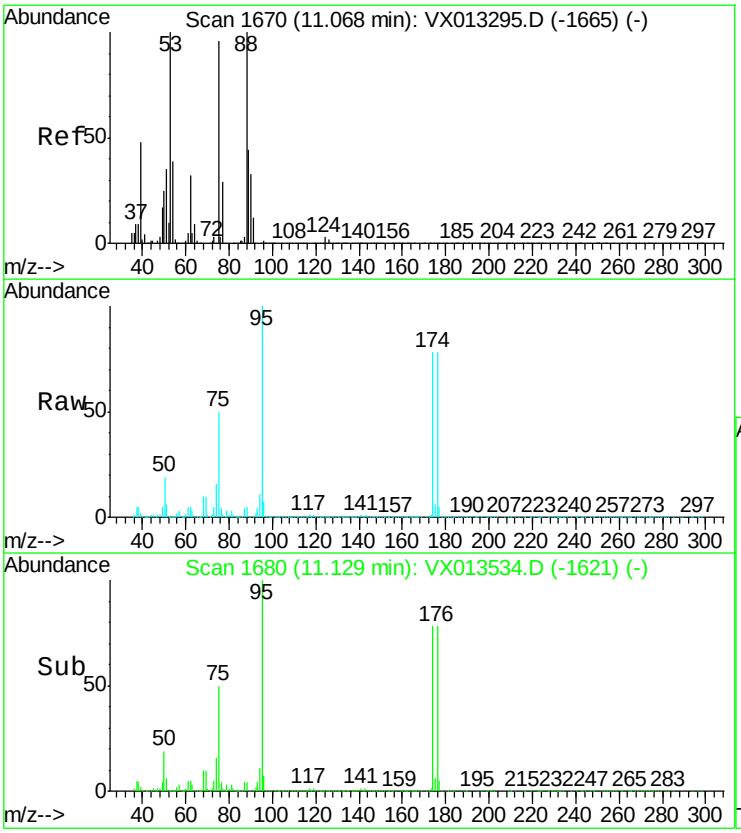
#76
1,2,3-Trichloropropane
Concen: 24.211 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX013534.D
Acq: 22 Nov 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 212129

Ion	Ratio	Lower	Upper
75	100		
77	1.6	22.3	66.8#

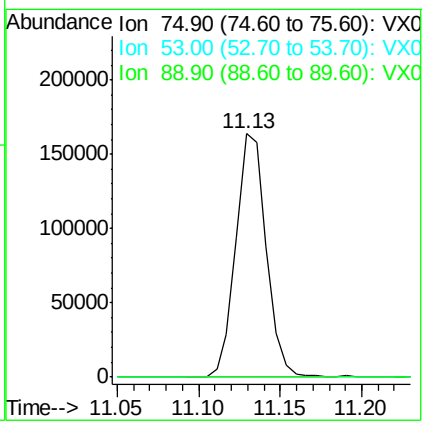


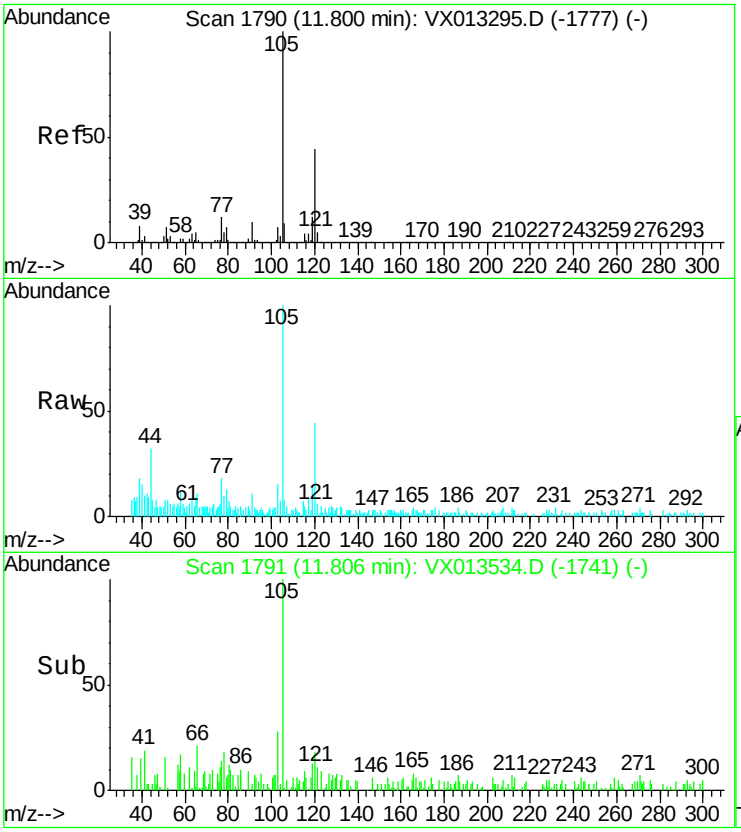


#81
trans-1,4-Dichloro-2-butene
Concen: 62.318 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX013534.D
Acq: 22 Nov 2019 15:35

Tgt Ion: 75 Resp: 212129

Ion	Ratio	Lower	Upper
75	100		
53	0.3	81.0	121.6#
89	0.2	36.0	54.0#



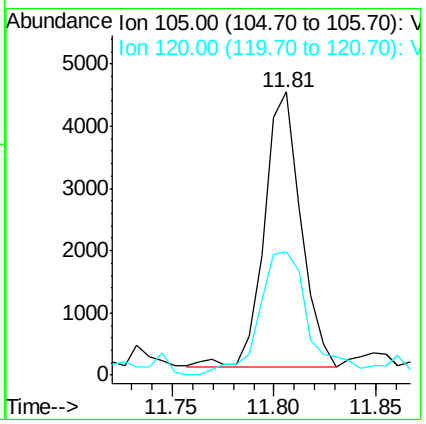


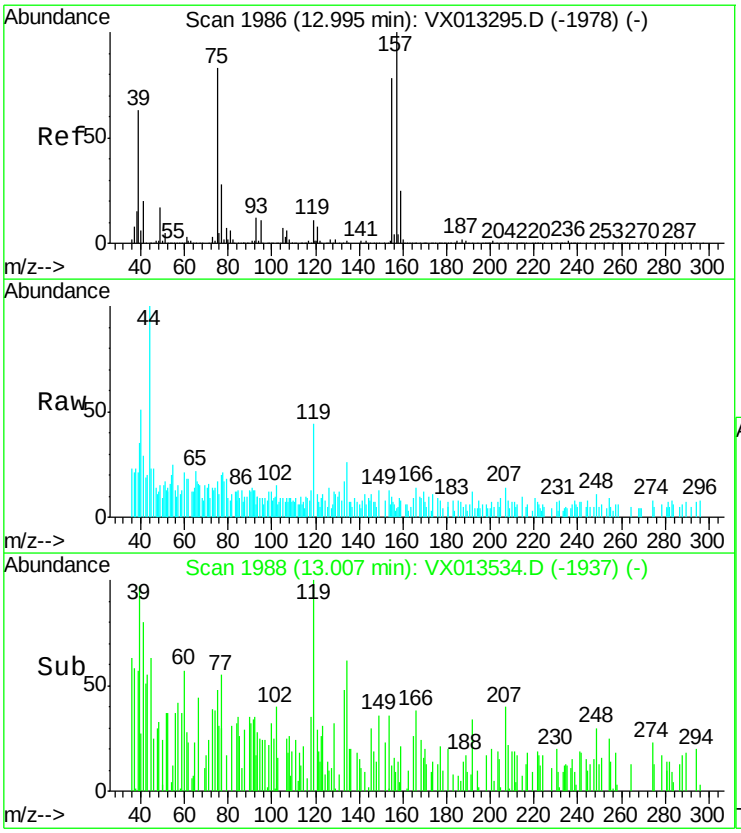
#84
1,2,4-Trimethylbenzene
Concen: 0.231 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013534.D
Acq: 22 Nov 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion:105 Resp: 5515

Ion	Ratio	Lower	Upper
105	100		
120	60.6	22.7	68.1

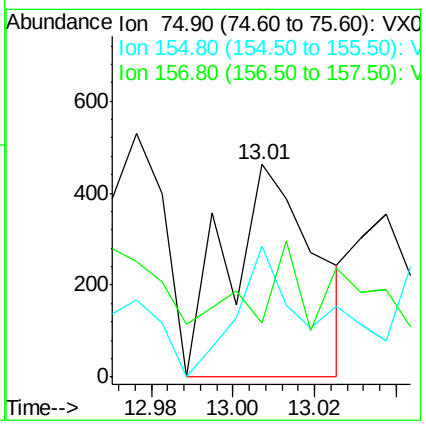


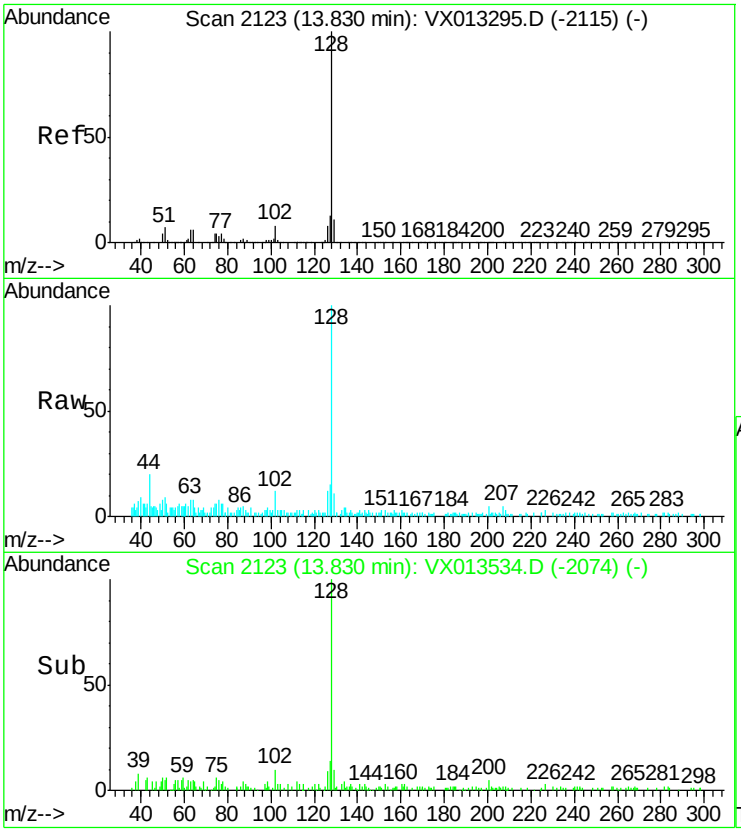


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.270 ug/l
RT: 13.01 min Scan# 1988
Delta R.T. 0.01 min
Lab File: VX013534.D
Acq: 22 Nov 2019 15:35

Tgt Ion: 75 Resp: 686

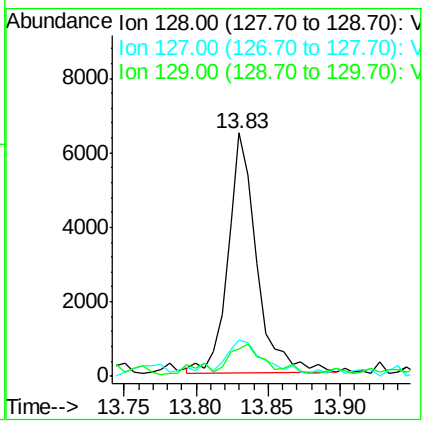
Ion	Ratio	Lower	Upper
75	100		
155	58.2	47.1	141.4
157	16.3	61.3	183.8#





#95
Naphthalene
Concen: 0.302 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013534.D
Acq: 22 Nov 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tgt Ion:128 Resp: 8979

Ion	Ratio	Lower	Upper
128	100		
127	22.1	10.2	15.2#
129	12.9	8.5	12.7#