Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072219\
Data File : VX011025.D
Acq On : 22 Jul 2019 13:06
Operator : JC/SP
Sample : K3921-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SU19-MSW0620

Quant Time: Jul 23 03:42:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 20 04:05:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	256961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	397984	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	370879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	183047	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	144432	52.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.66%			
35) Dibromofluoromethane	5.50	113	124800	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.80%			
50) Toluene-d8	8.71	98	478138	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.94%			
62) 4-Bromofluorobenzene	11.13	95	181833	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.42%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	62	0.569	ug/l #	43
3) Chloromethane	1.33	50	825	0.349	ug/l #	81
5) Bromomethane	1.65	94	466	0.343	ug/l	84
6) Chloroethane	1.70	64	841	0.549	ug/l #	51
10) Methyl Iodide	2.53	142	896	0.293	ug/l #	93
11) Tert butyl alcohol	3.02	59	709	1.114	ug/l	96
13) Acrolein	2.30	56	312	0.848	ug/l	97
16) Acetone	2.45	43	5433	4.400	ug/l	98
25) 2-Butanone	4.70	43	878	0.495	ug/l #	46
36) 1,1-Dichloropropene	5.67	75	17210	5.264	ug/l #	49
38) Carbon Tetrachloride	5.66	117	23627	6.936	ug/l #	17
60) Dibromochloromethane	9.59	129	41	2.540	ug/l #	11
68) m/p-Xylenes	10.36	106	1018	0.205	ug/l	82
71) Bromoform	10.85	173	104	2.590	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	89380	27.059	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	2853	0.276	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	89380	67.078	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.80	105	6432	0.617	ug/l	96
89) n-Butylbenzene	12.38	91	2270	0.241	ug/l #	61
95) Naphthalene	13.83	128	2611	0.222	ug/l #	53

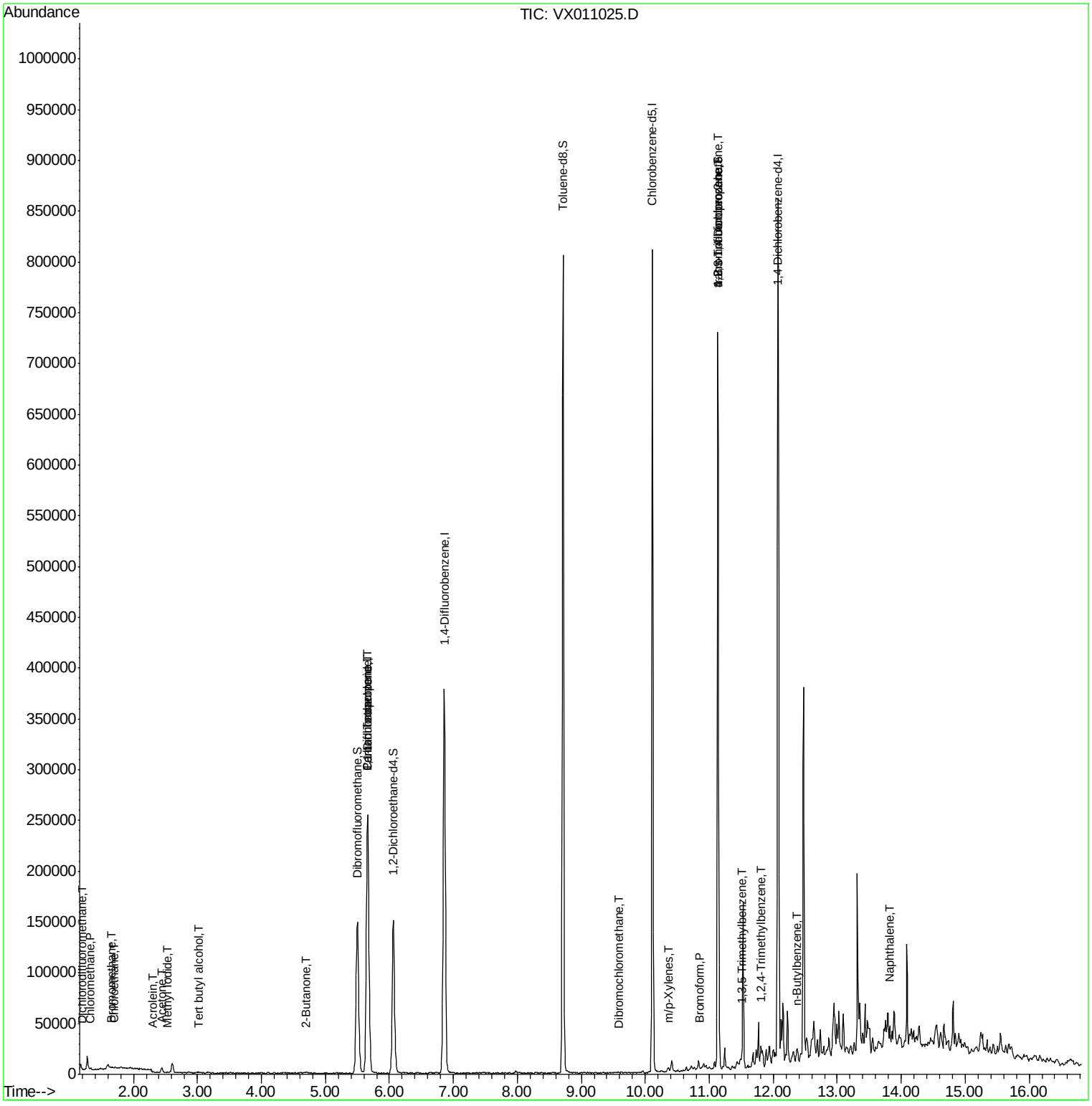
(#) = qualifier out of range (m) = manual integration (+) = signals summed

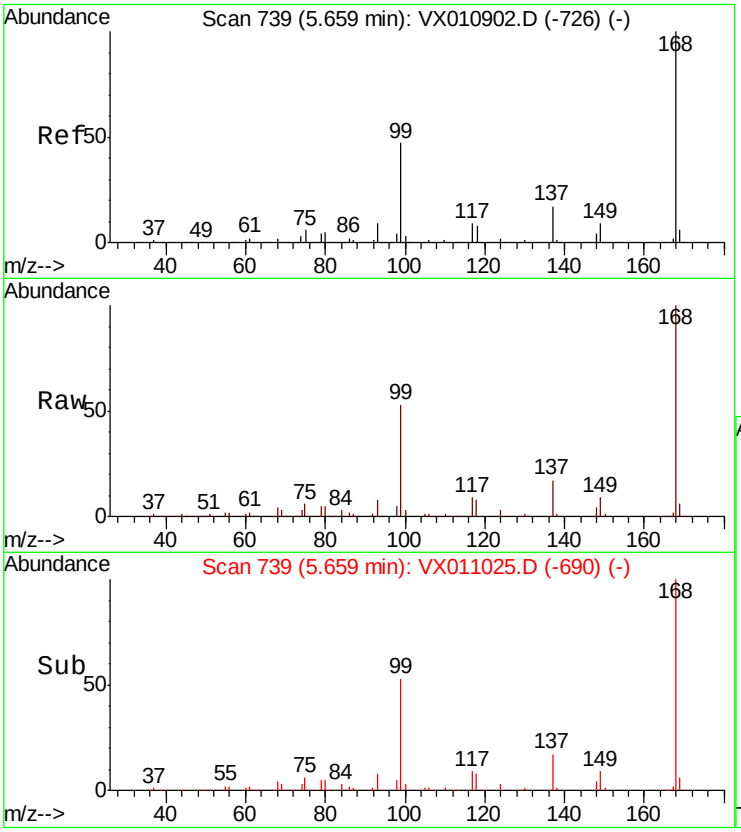
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072219\
Data File : VX011025.D
Acq On : 22 Jul 2019 13:06
Operator : JC/SP
Sample : K3921-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0620

Quant Time: Jul 23 03:42:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 20 04:05:59 2019
Response via : Initial Calibration



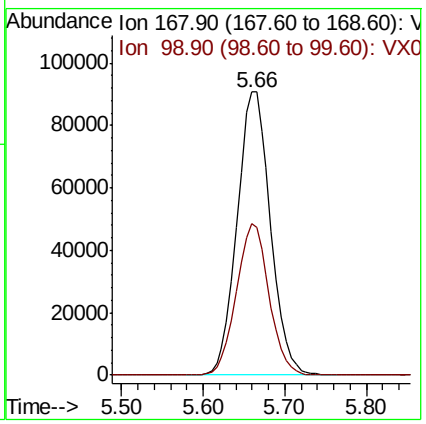


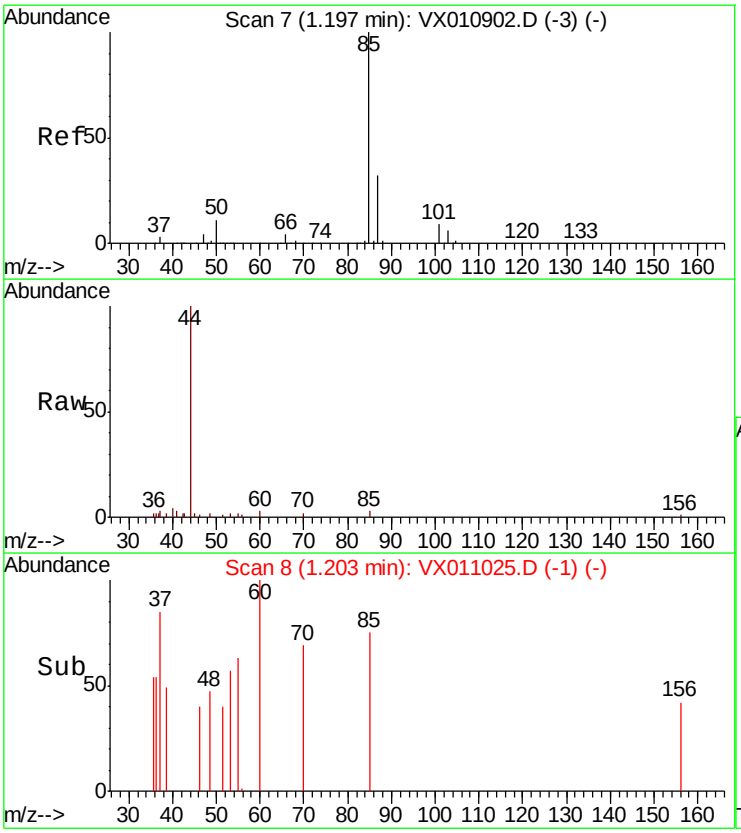
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX011025.D
Acq: 22 Jul 2019 13:06

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0620

Tgt Ion:168 Resp: 256961

Ion	Ratio	Lower	Upper
168	100		
99	53.3	37.6	56.4

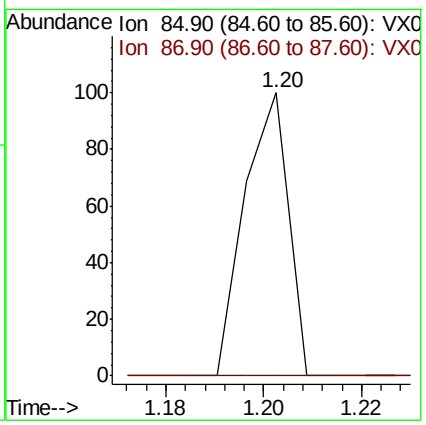


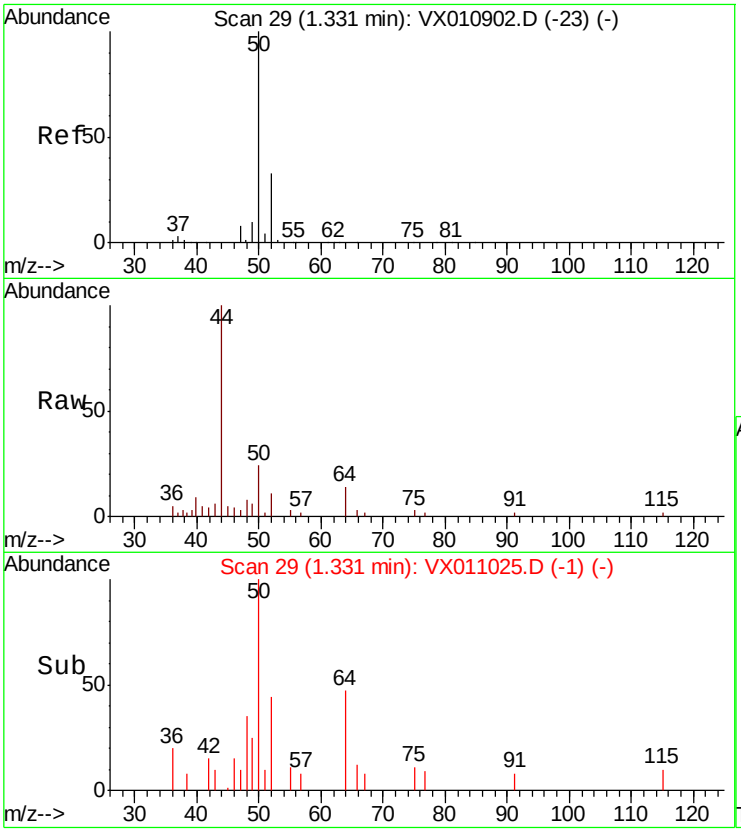


#2
Dichlorodifluoromethane
Concen: 0.569 ug/l
RT: 1.20 min Scan# 8
Delta R.T. 0.01 min
Lab File: VX011025.D
Acq: 22 Jul 2019 13:06

Tgt Ion: 85 Resp: 62

Ion	Ratio	Lower	Upper
85	100		
87	0.0	15.9	47.7#



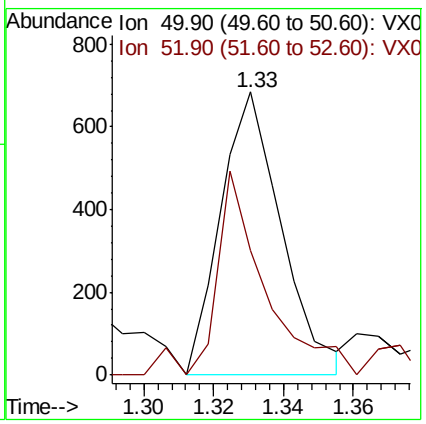


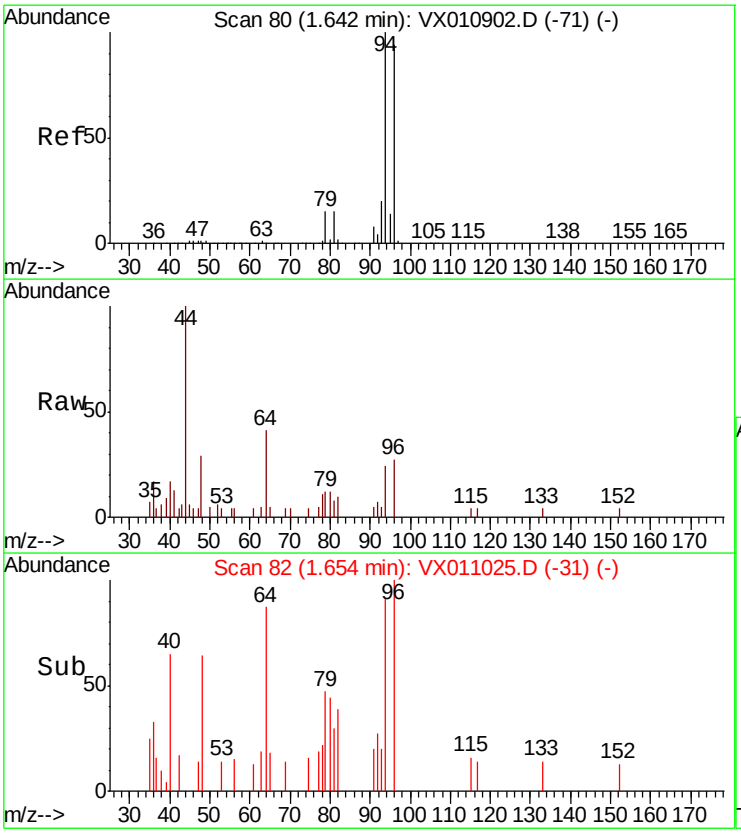
#3
Chloromethane
Concen: 0.349 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX011025.D
Acq: 22 Jul 2019 13:06

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0620

Tgt Ion: 50 Resp: 825

Ion	Ratio	Lower	Upper
50	100		
52	43.9	26.4	39.6#

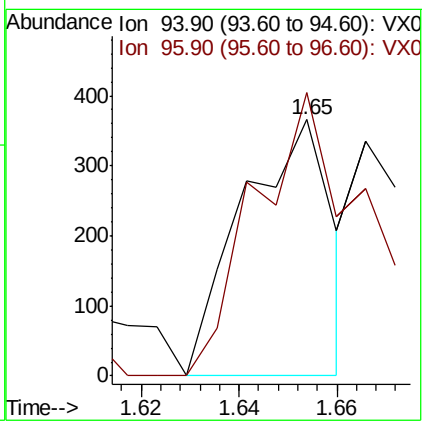


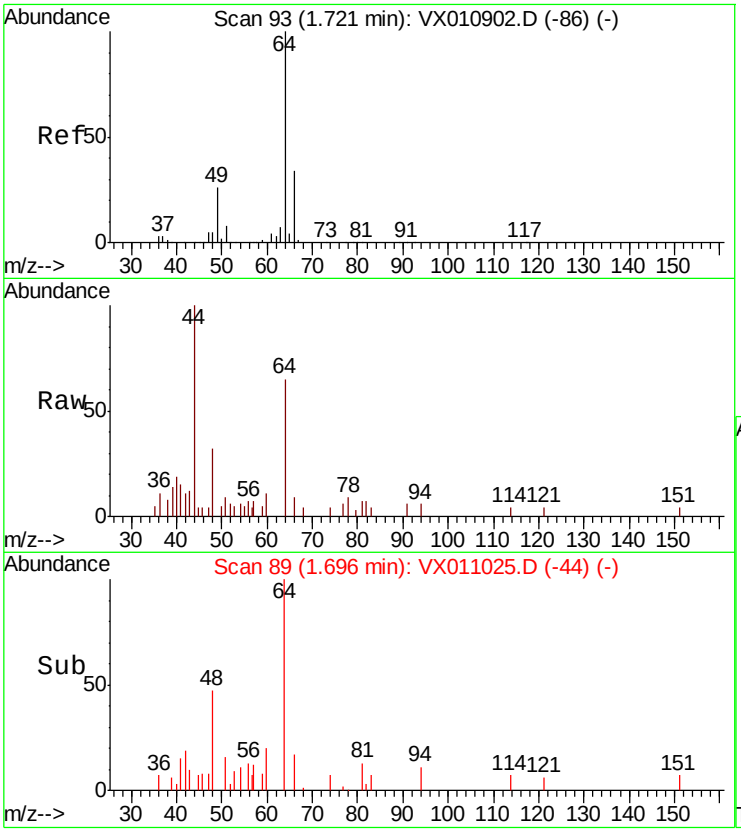


#5
Bromomethane
Concen: 0.343 ug/l
RT: 1.65 min Scan# 82
Delta R.T. 0.01 min
Lab File: VX011025.D
Acq: 22 Jul 2019 13:06

Tgt Ion: 94 Resp: 466

Ion	Ratio	Lower	Upper
94	100		
96	110.4	75.6	113.4



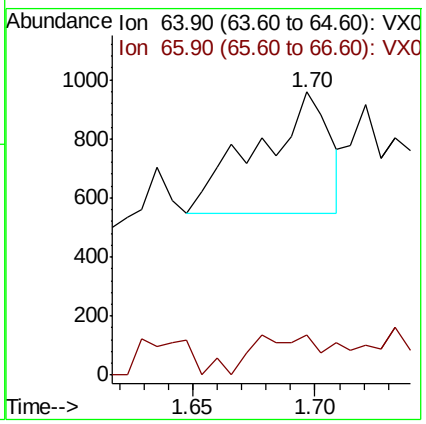


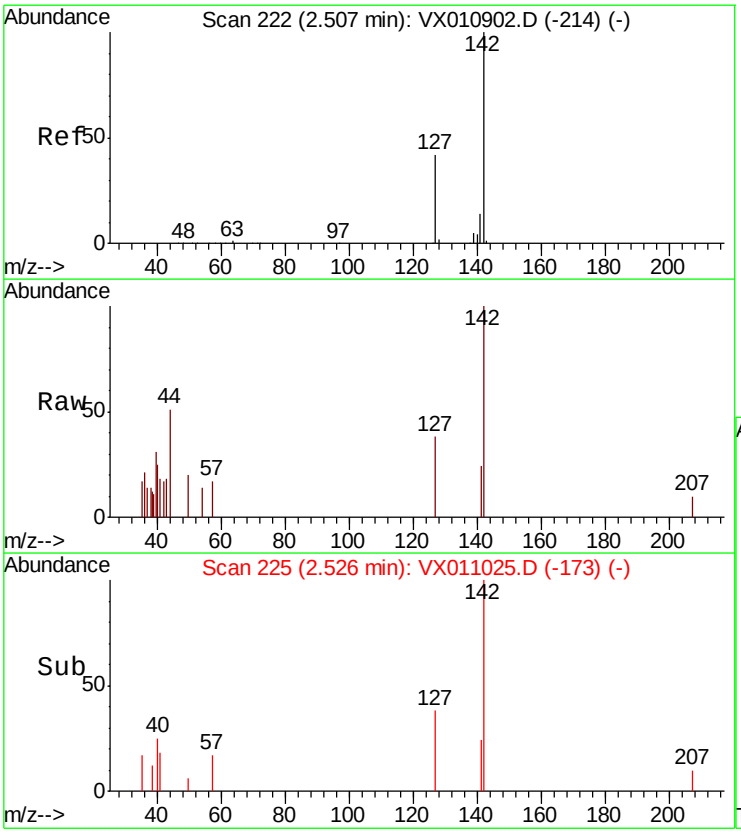
#6
Chloroethane
Concen: 0.549 ug/l
RT: 1.70 min Scan# 89
Delta R.T. -0.02 min
Lab File: VX011025.D
Acq: 22 Jul 2019 13:06

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0620

Tgt Ion: 64 Resp: 841

Ion	Ratio	Lower	Upper
64	100		
66	5.9	27.0	40.6#

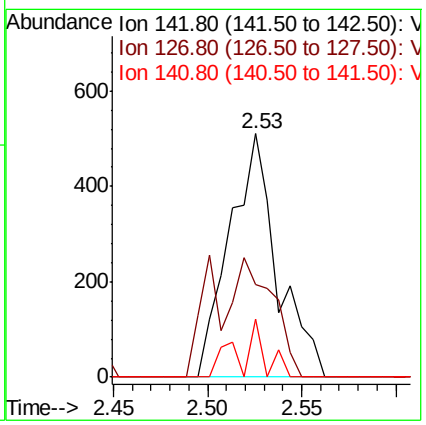


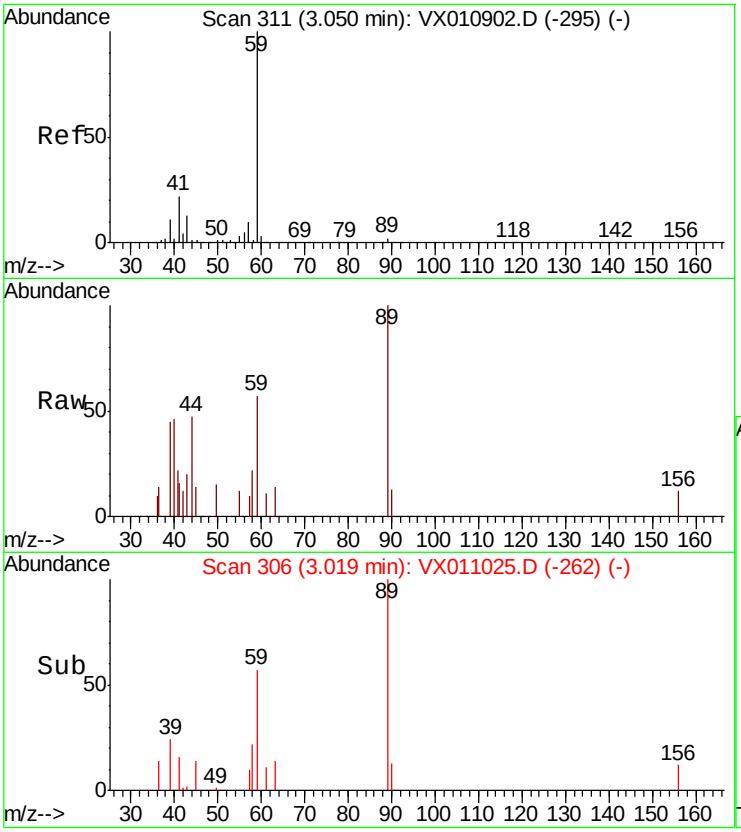


#10
Methyl Iodide
Concen: 0.293 ug/l
RT: 2.53 min Scan# 225
Delta R.T. 0.02 min
Lab File: VX011025.D
Acq: 22 Jul 2019 13:06

Tgt Ion:142 Resp: 896

Ion	Ratio	Lower	Upper
142	100		
127	40.8	34.2	51.4
141	7.4	11.7	17.5#



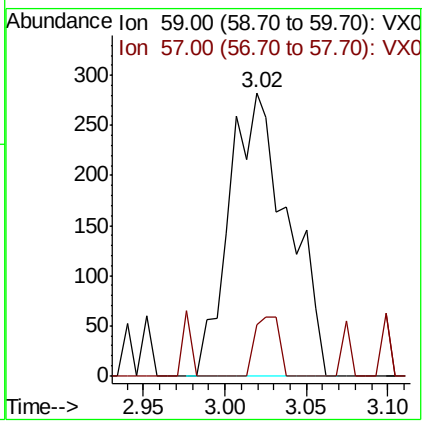


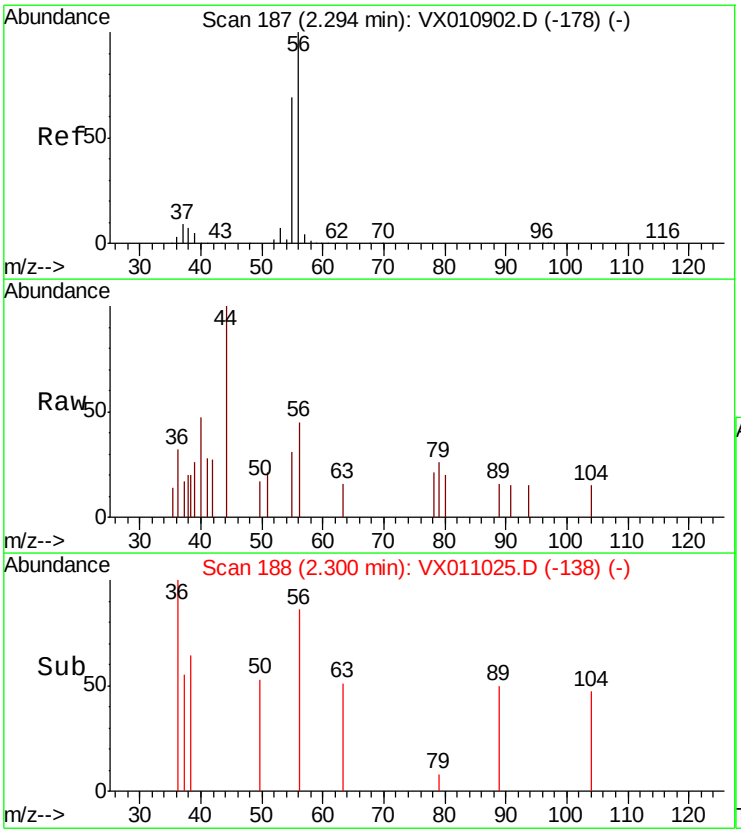
#11
Tert butyl alcohol
Concen: 1.114 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX011025.D
Acq: 22 Jul 2019 13:06

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0620

Tgt Ion: 59 Resp: 709

Ion	Ratio	Lower	Upper
59	100		
57	8.6	7.9	11.9

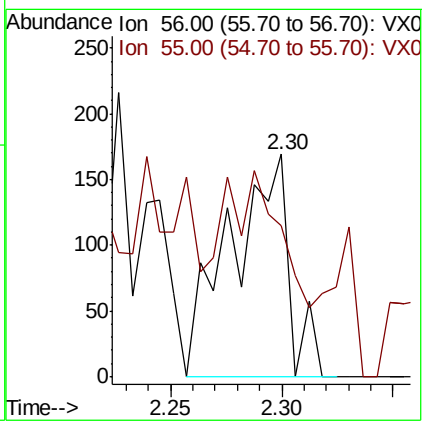


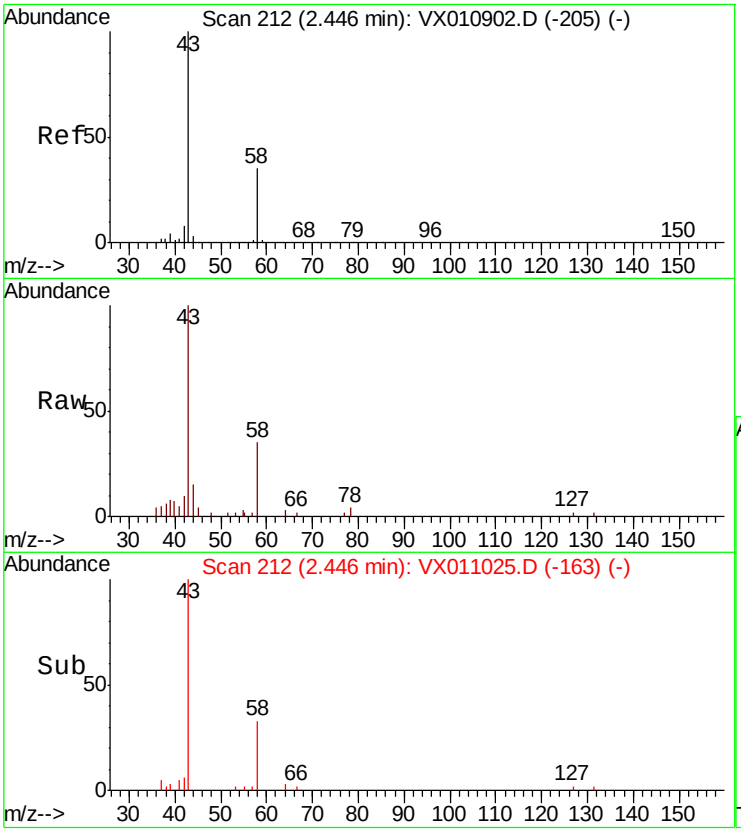


#13
Acrolein
Concen: 0.848 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX011025.D
Acq: 22 Jul 2019 13:06

Tgt Ion: 56 Resp: 312

Ion	Ratio	Lower	Upper
56	100		
55	72.8	55.9	83.9



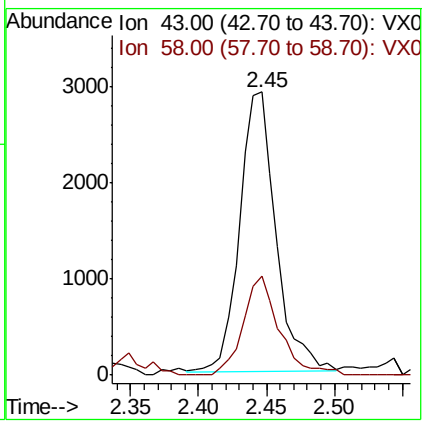


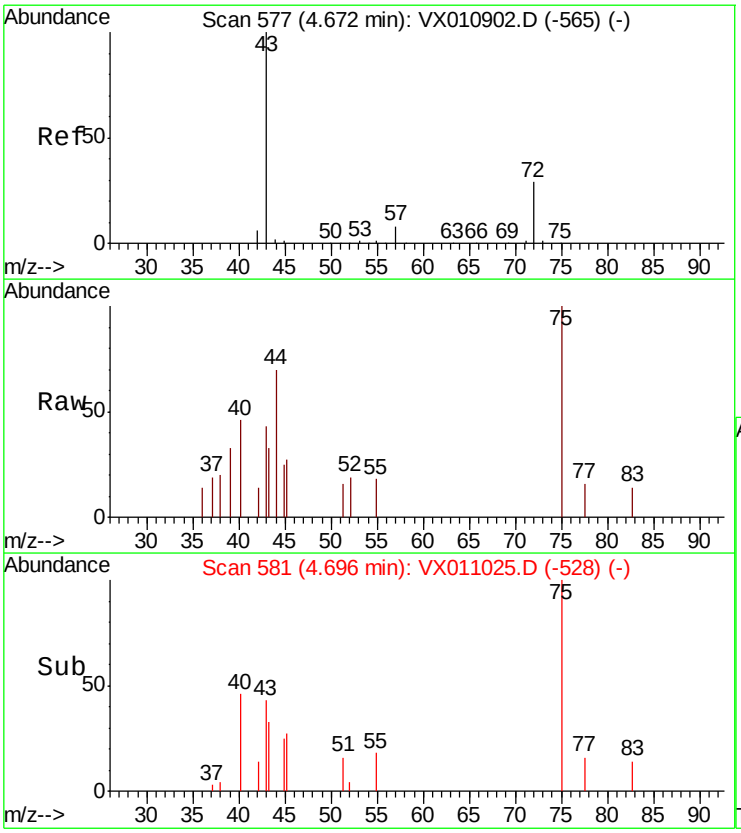
#16
Acetone
Concen: 4.400 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX011025.D
Acq: 22 Jul 2019 13:06

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0620

Tgt Ion: 43 Resp: 5433

Ion	Ratio	Lower	Upper
43	100		
58	35.8	27.7	41.5

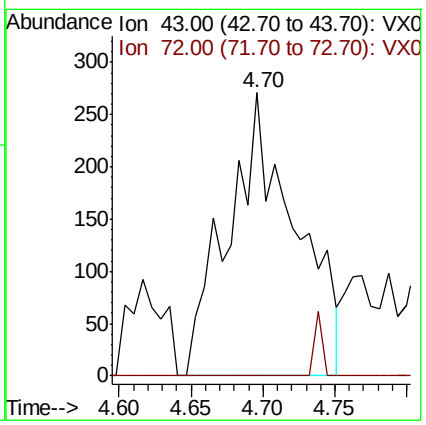


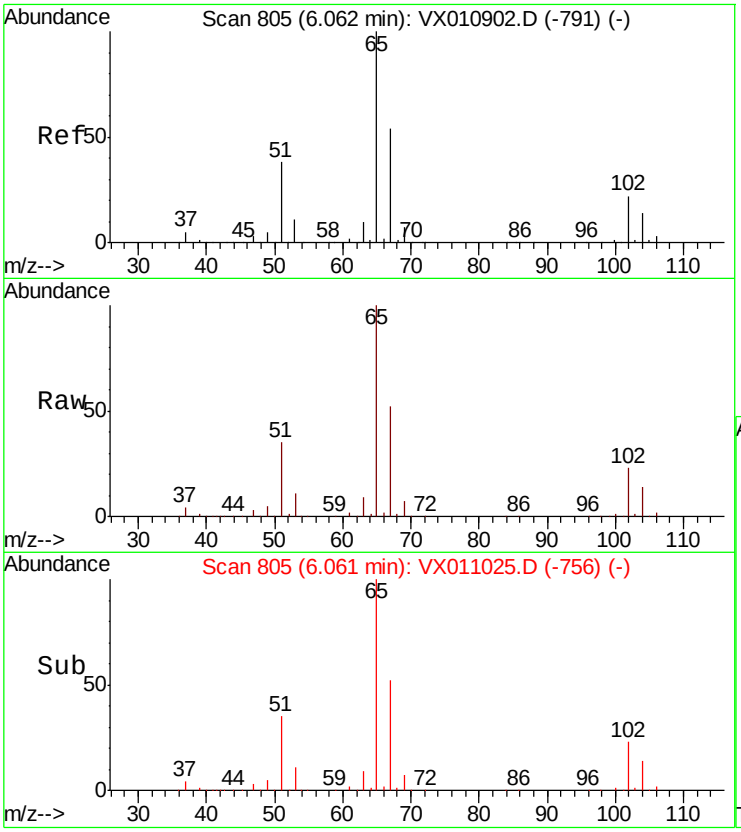


#25
2-Butanone
Concen: 0.495 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.02 min
Lab File: VX011025.D
Acq: 22 Jul 2019 13:06

Tgt Ion: 43 Resp: 878

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.0	34.6#



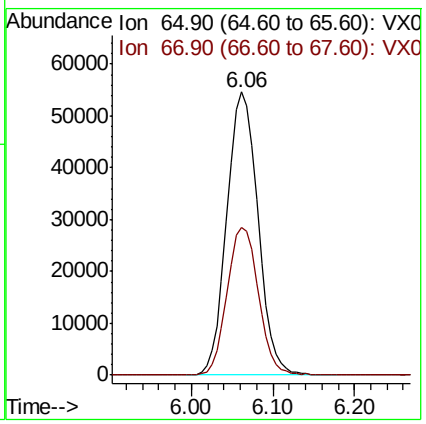


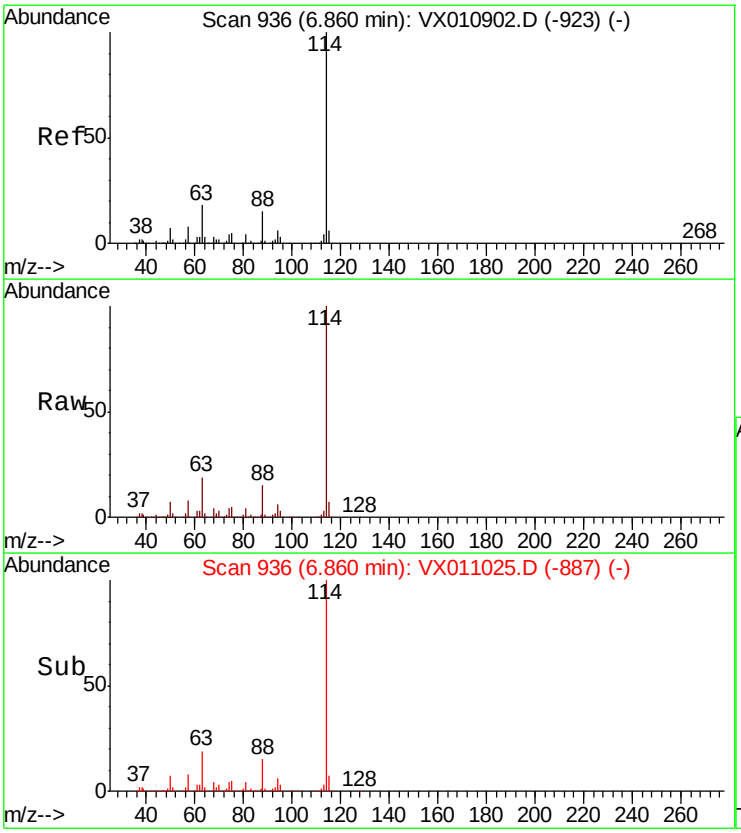
#33
1,2-Dichloroethane-d4
Concen: 52.834 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011025.D
Acq: 22 Jul 2019 13:06

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0620

Tgt Ion: 65 Resp: 144432

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	107.8

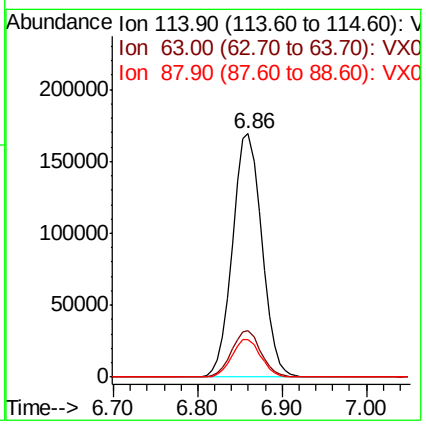


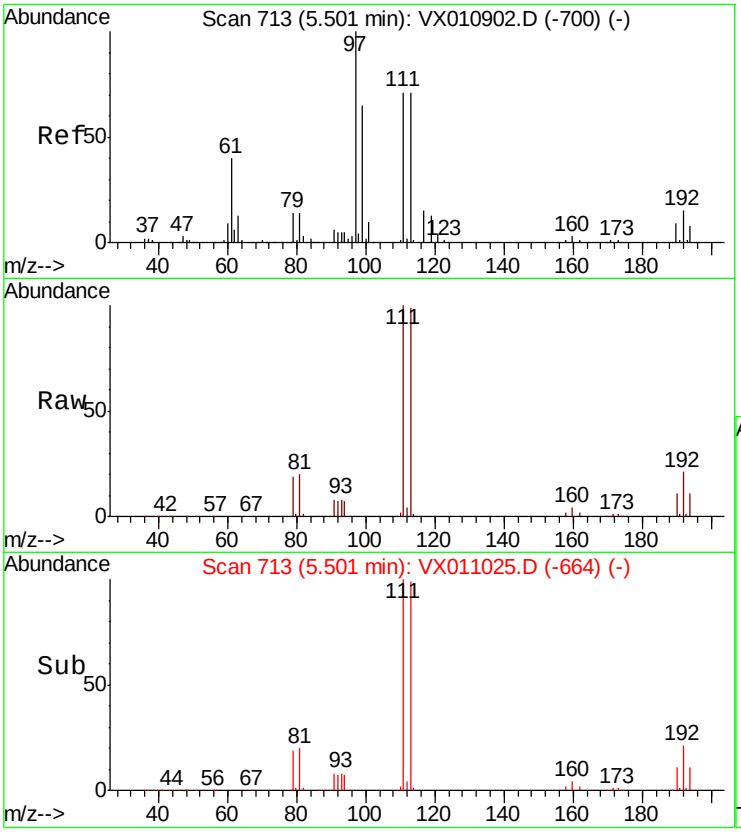


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX011025.D
Acq: 22 Jul 2019 13:06

Tgt Ion:114 Resp: 397984

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	35.6
88	15.4	0.0	29.8



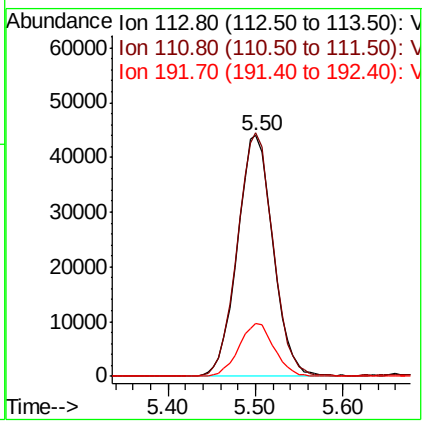


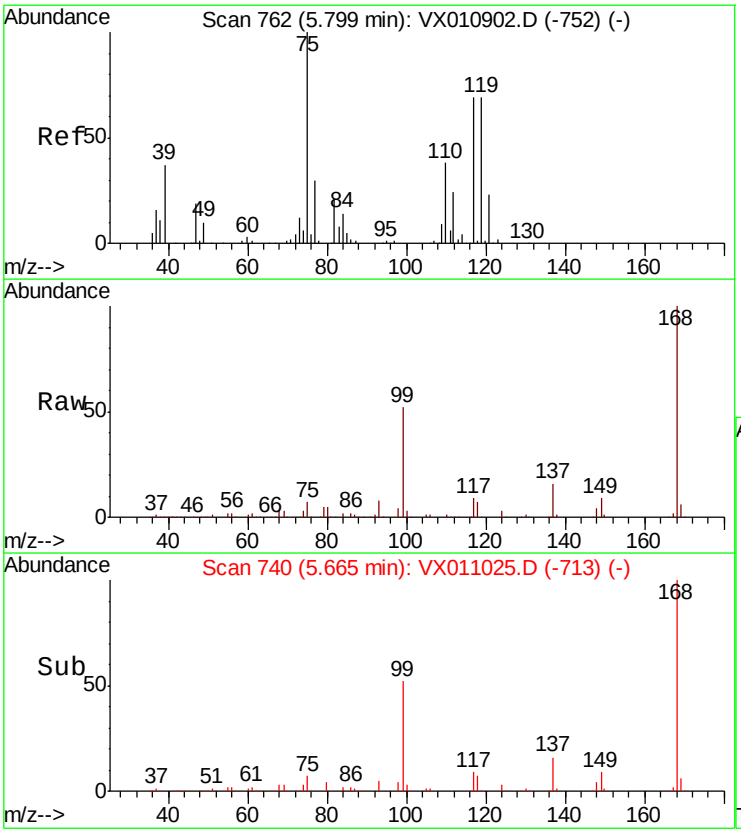
#35
Dibromofluoromethane
Concen: 49.404 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX011025.D
Acq: 22 Jul 2019 13:06

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0620

Tgt Ion:113 Resp: 124800

Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.3	123.5
192	21.6	17.4	26.2

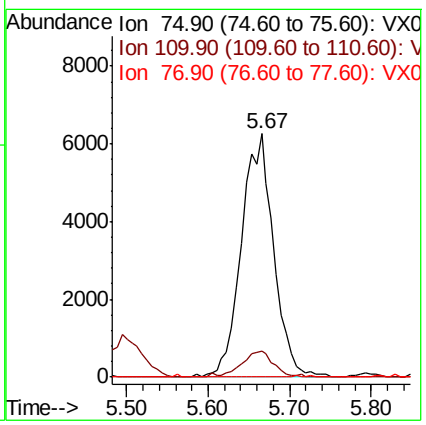


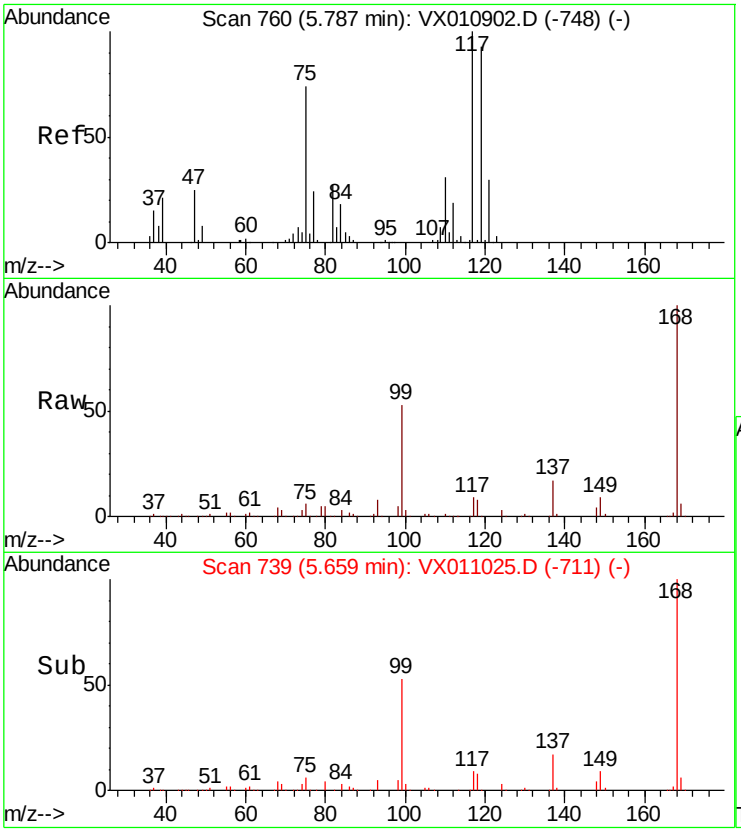


#36
1,1-Dichloropropene
Concen: 5.264 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX011025.D
Acq: 22 Jul 2019 13:06

Tgt Ion: 75 Resp: 17210

Ion	Ratio	Lower	Upper
75	100		
110	10.9	19.9	59.7#
77	0.0	25.0	37.4#



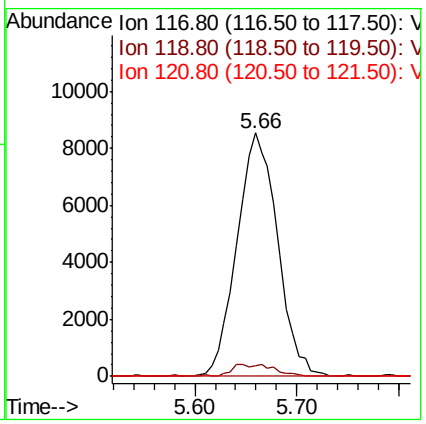


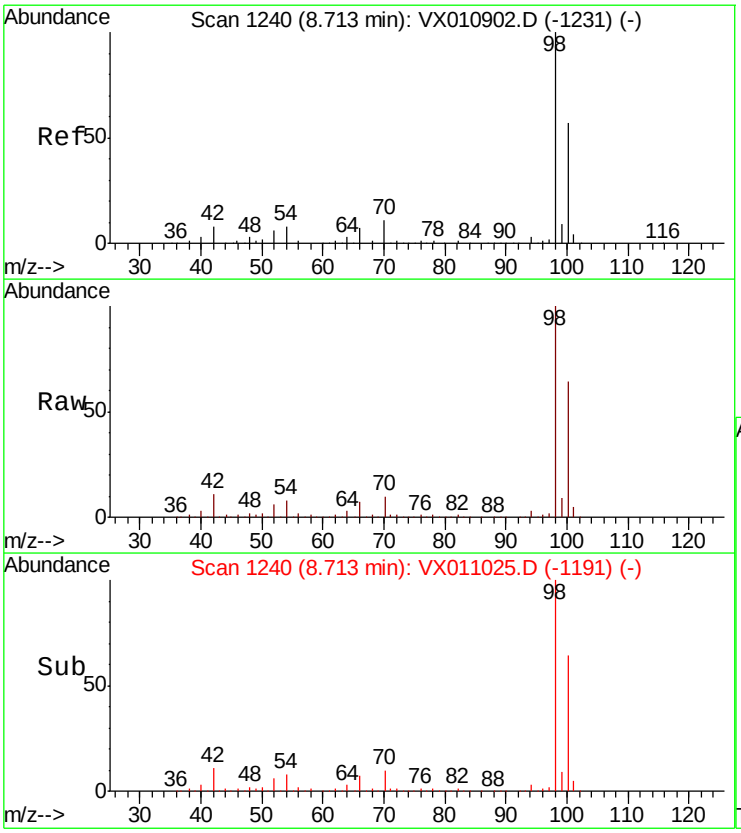
#38
Carbon Tetrachloride
Concen: 6.936 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX011025.D
Acq: 22 Jul 2019 13:06

Instrument : MSVOA_X
ClientSampleId : SU19-MSW0620

Tgt Ion:117 Resp: 23627

Ion	Ratio	Lower	Upper
117	100		
119	4.3	74.2	111.2#
121	0.0	24.2	36.2#

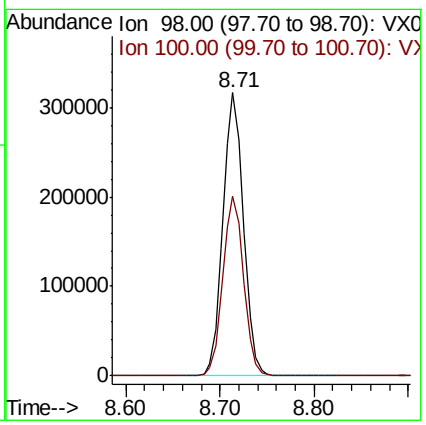


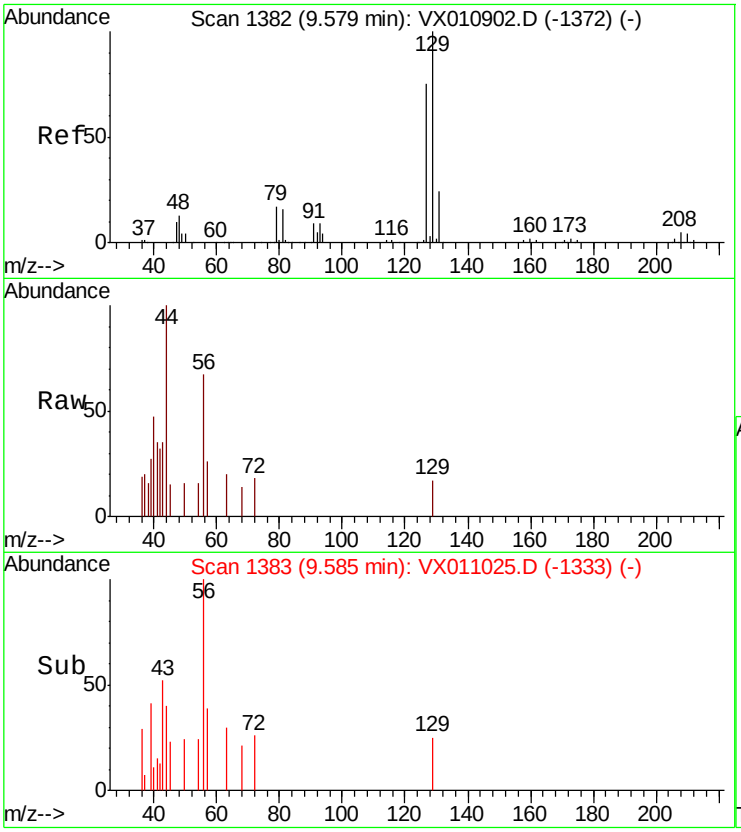


#50
Toluene-d8
Concen: 50.466 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011025.D
Acq: 22 Jul 2019 13:06

Tgt Ion: 98 Resp: 478138

Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.6	75.8



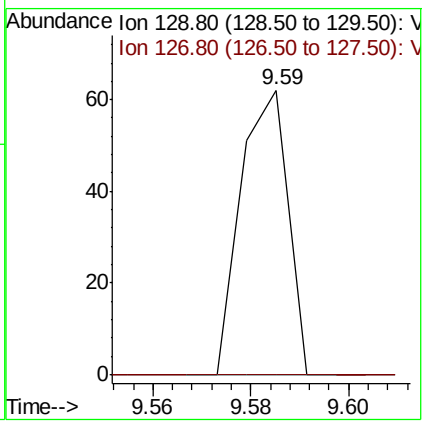


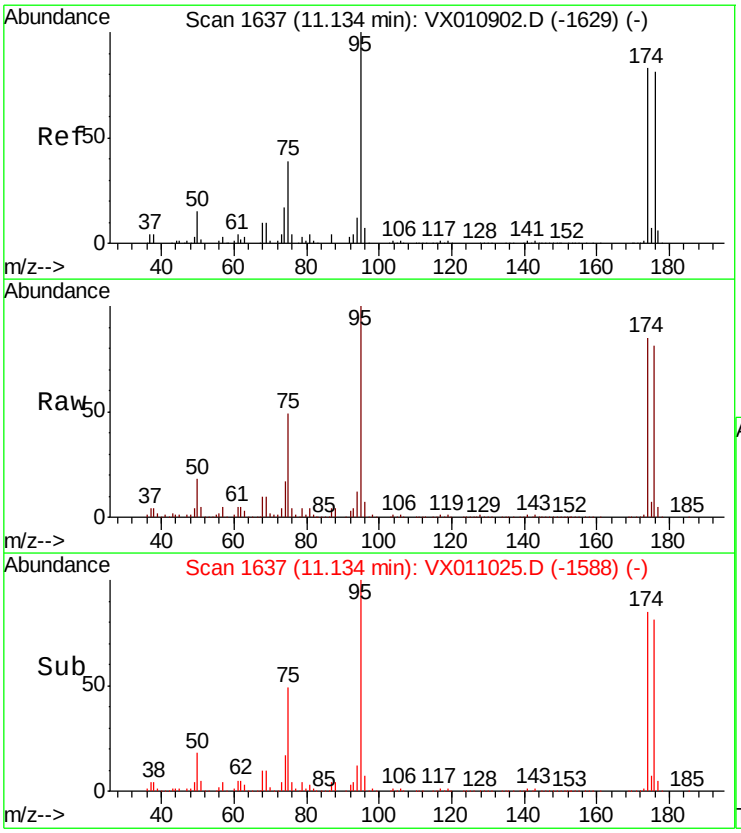
#60
Dibromochloromethane
Concen: 2.540 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX011025.D
Acq: 22 Jul 2019 13:06

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0620

Tgt Ion:129 Resp: 41

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.6	115.8#

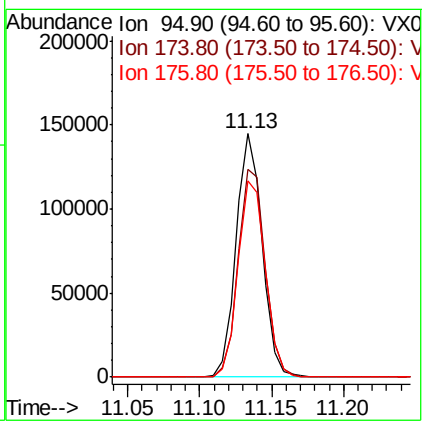


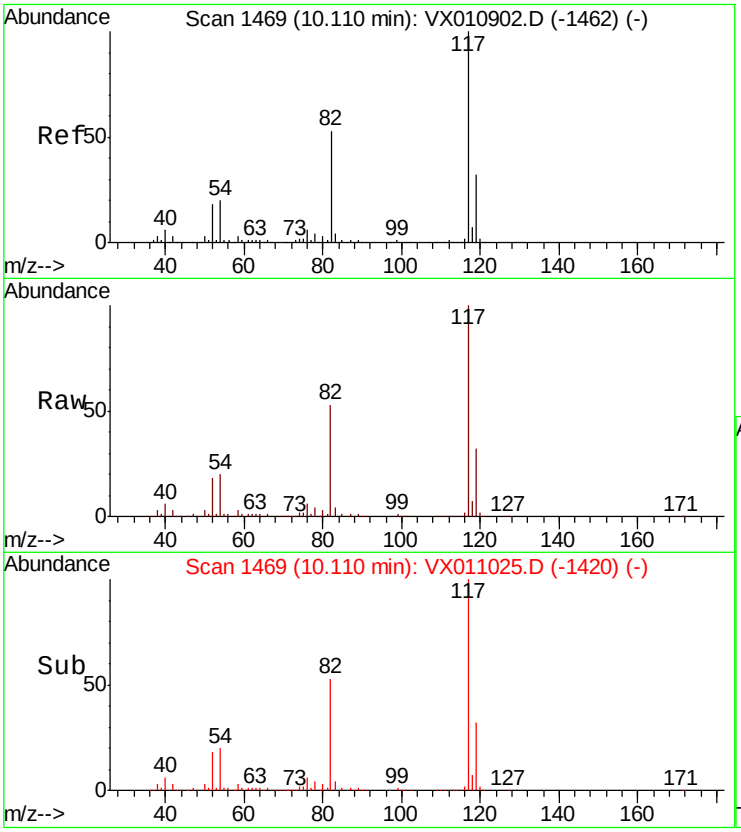


#62
4-Bromofluorobenzene
Concen: 52.213 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011025.D
Acq: 22 Jul 2019 13:06

Tgt Ion: 95 Resp: 181833

Ion	Ratio	Lower	Upper
95	100		
174	88.6	0.0	180.6
176	84.6	0.0	173.8



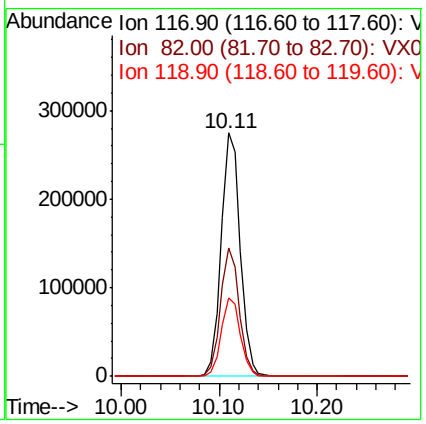


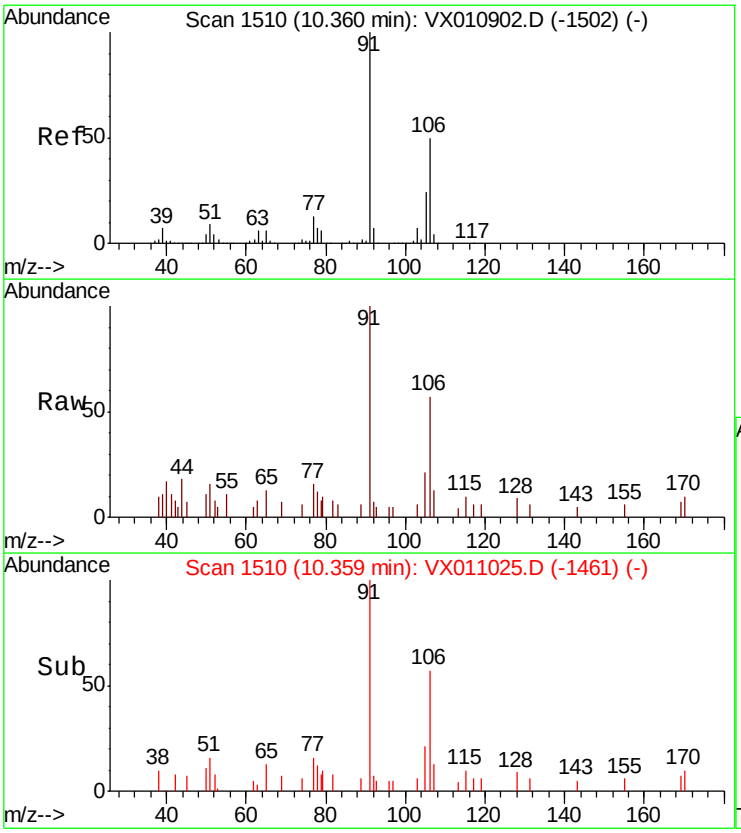
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011025.D
Acq: 22 Jul 2019 13:06

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0620

Tgt Ion:117 Resp: 370879

Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.6	63.8
119	32.2	25.9	38.9

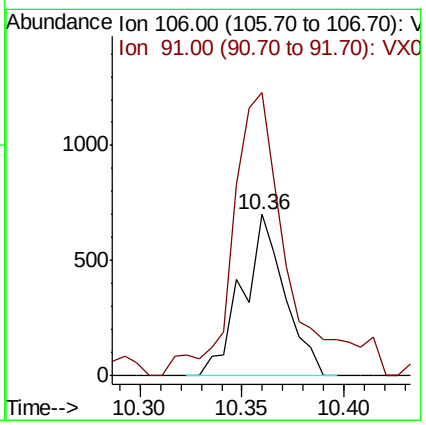


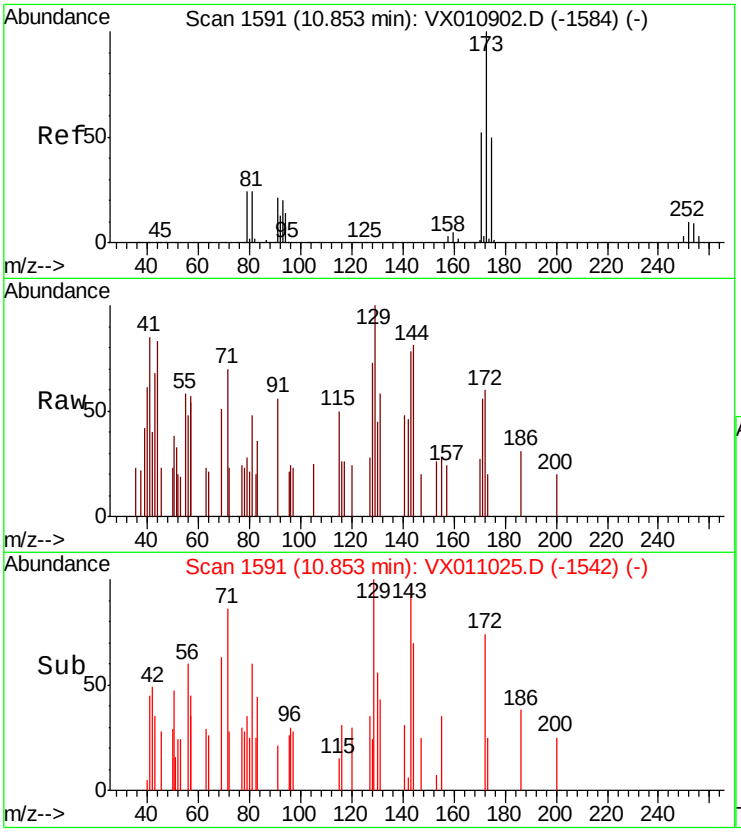


#68
m/p-Xylenes
Concen: 0.205 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011025.D
Acq: 22 Jul 2019 13:06

Tgt Ion:106 Resp: 1018

Ion	Ratio	Lower	Upper
106	100		
91	227.3	160.1	240.1



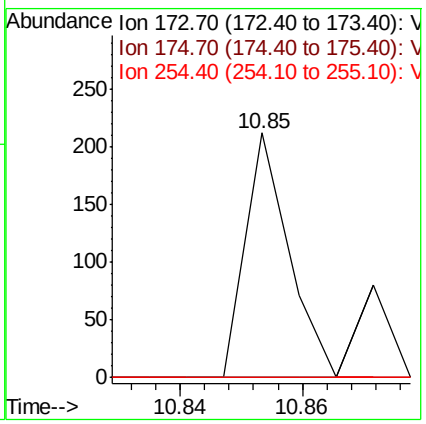


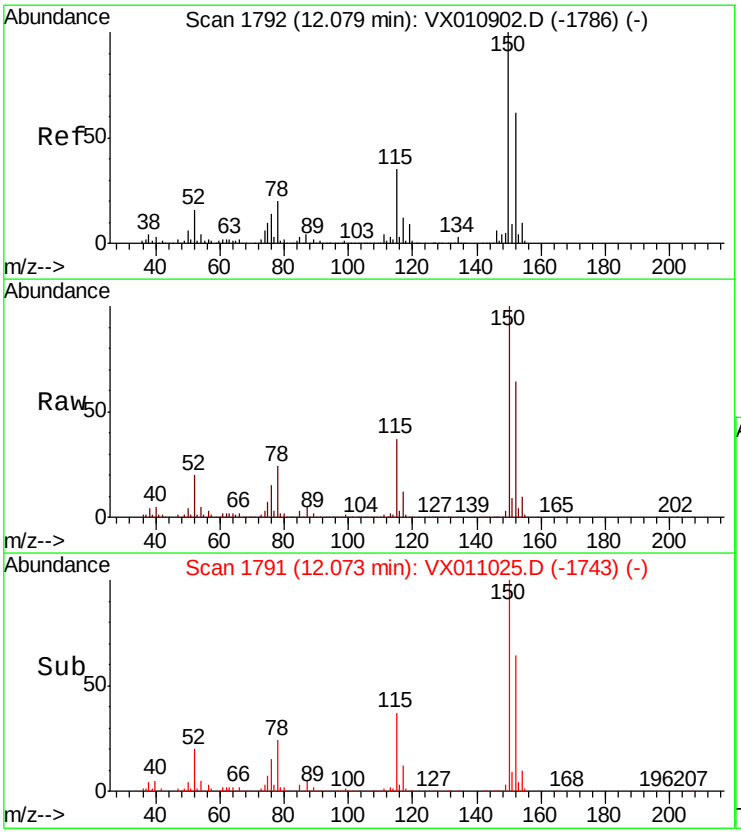
#71
Bromoform
Concen: 2.590 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX011025.D
Acq: 22 Jul 2019 13:06

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0620

Tgt Ion:173 Resp: 104

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.6	73.6#
254	0.0	0.1	0.1#

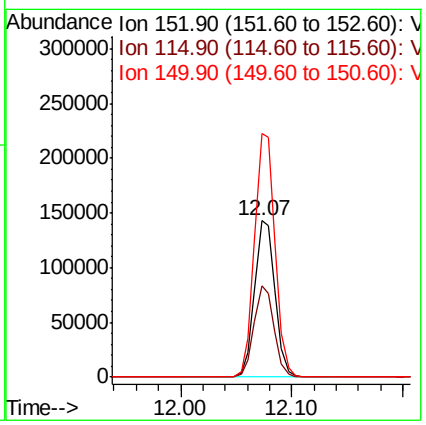


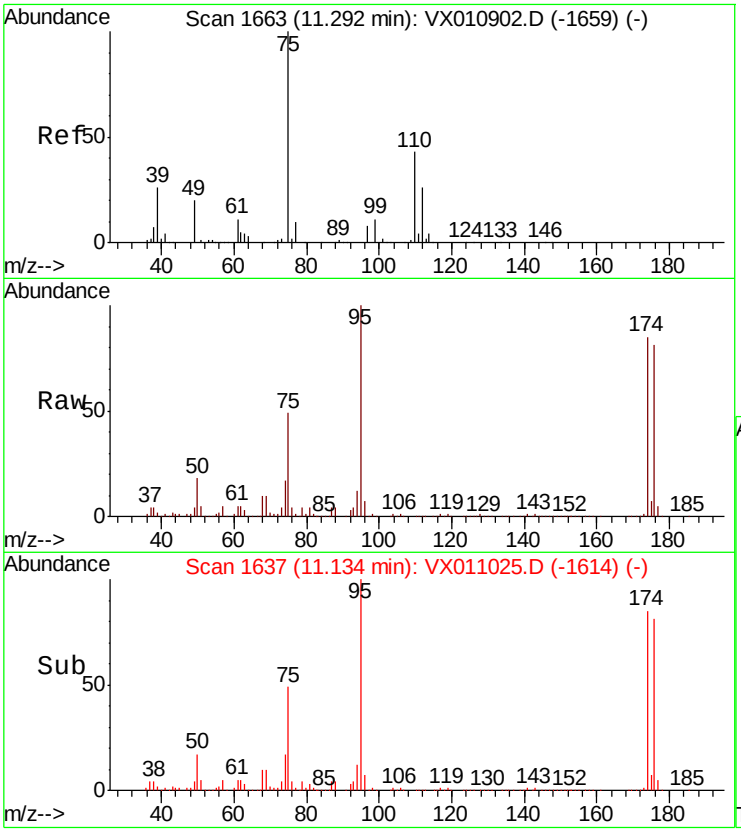


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011025.D
Acq: 22 Jul 2019 13:06

Tgt Ion:152 Resp: 183047

Ion	Ratio	Lower	Upper
152	100		
115	56.7	39.7	119.1
150	157.2	0.0	345.6



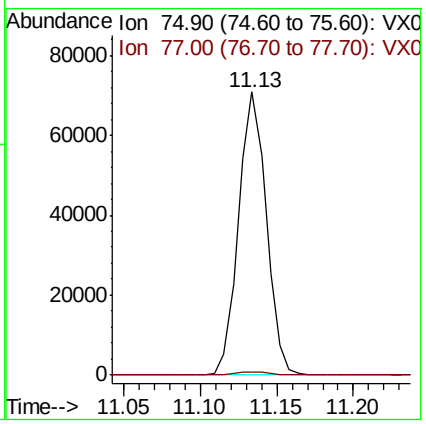


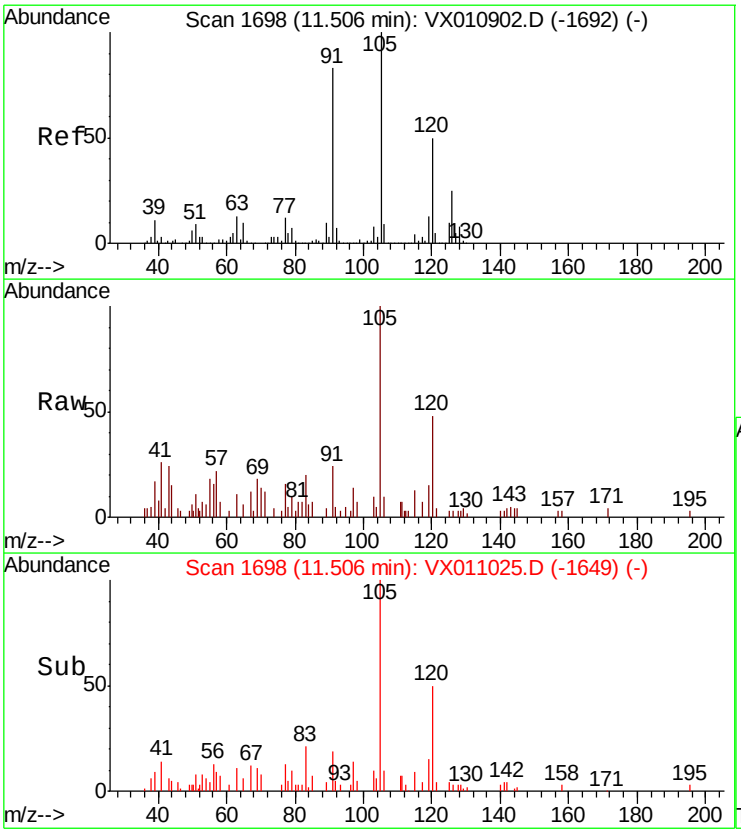
#76
1,2,3-Trichloropropane
Concen: 27.059 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011025.D
Acq: 22 Jul 2019 13:06

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0620

Tgt Ion: 75 Resp: 89380

Ion	Ratio	Lower	Upper
75	100		
77	1.6	21.3	64.0#

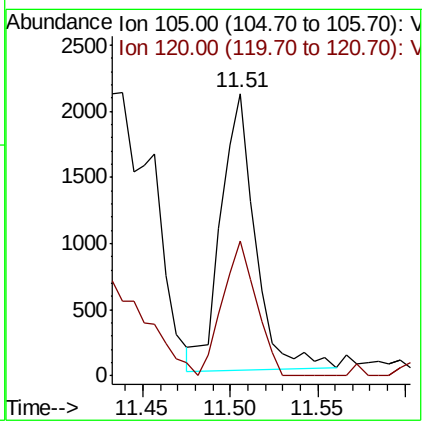


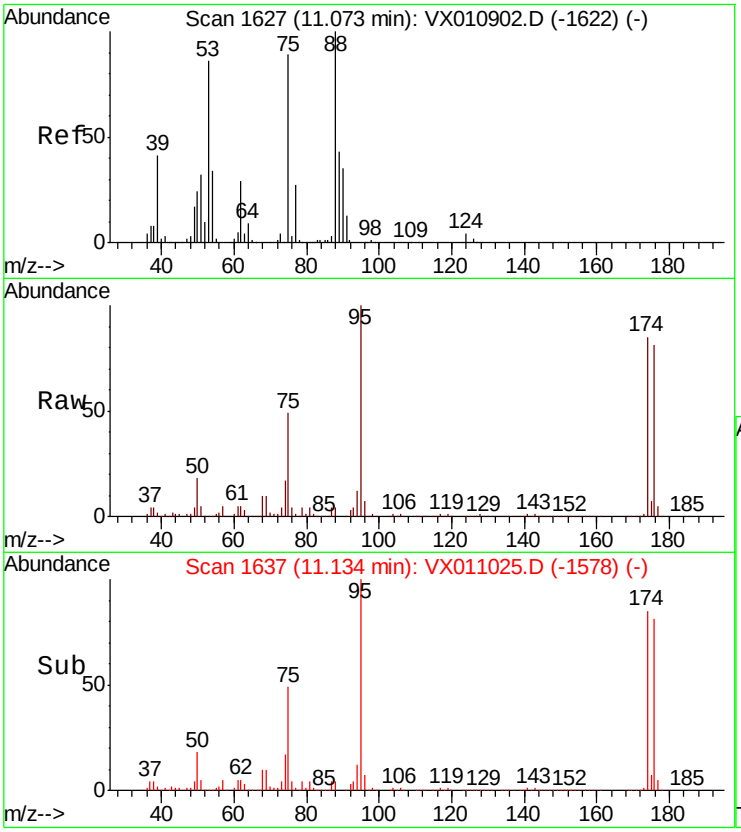


#80
1,3,5-Trimethylbenzene
Concen: 0.276 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011025.D
Acq: 22 Jul 2019 13:06

Tgt Ion:105 Resp: 2853

Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.6	73.8



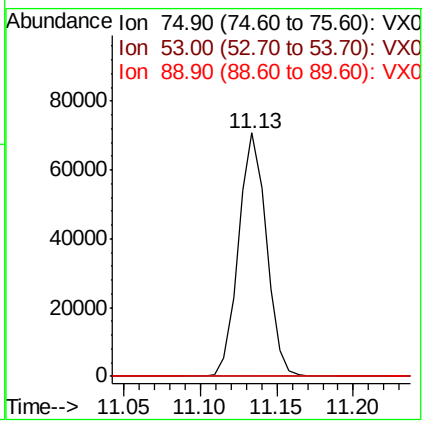


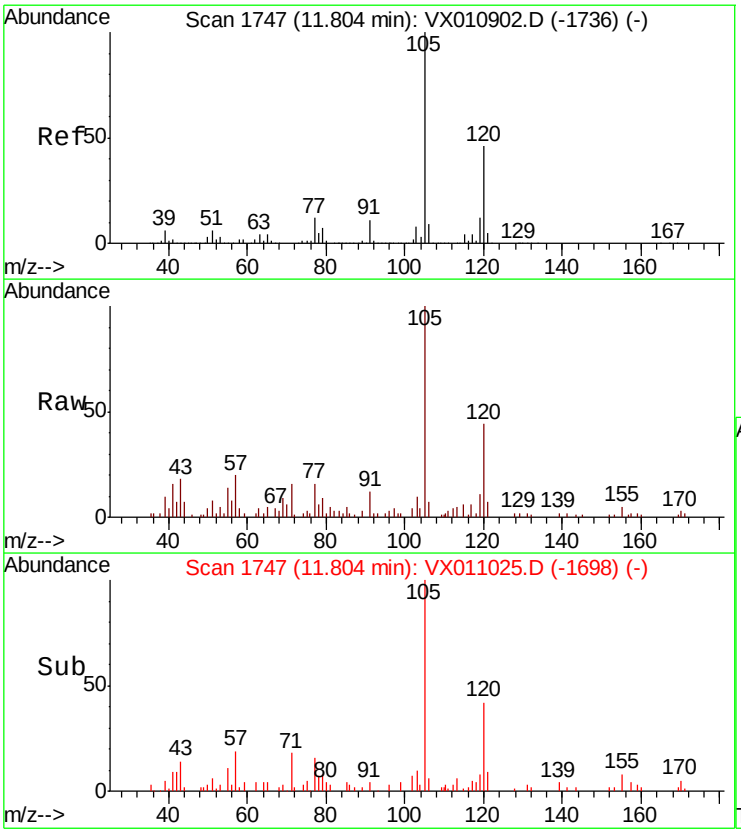
#81
trans-1,4-Dichloro-2-butene
Concen: 67.078 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011025.D
Acq: 22 Jul 2019 13:06

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0620

Tgt Ion: 75 Resp: 89380

Ion	Ratio	Lower	Upper
75	100		
53	0.1	76.7	115.1#
89	0.0	38.5	57.7#

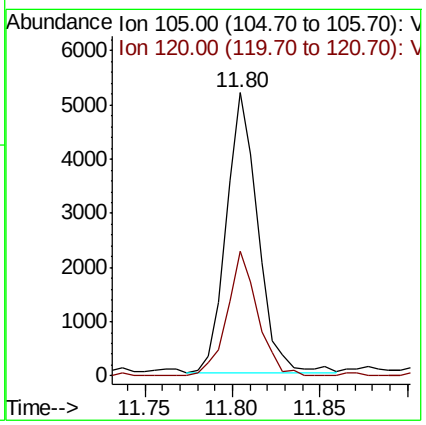


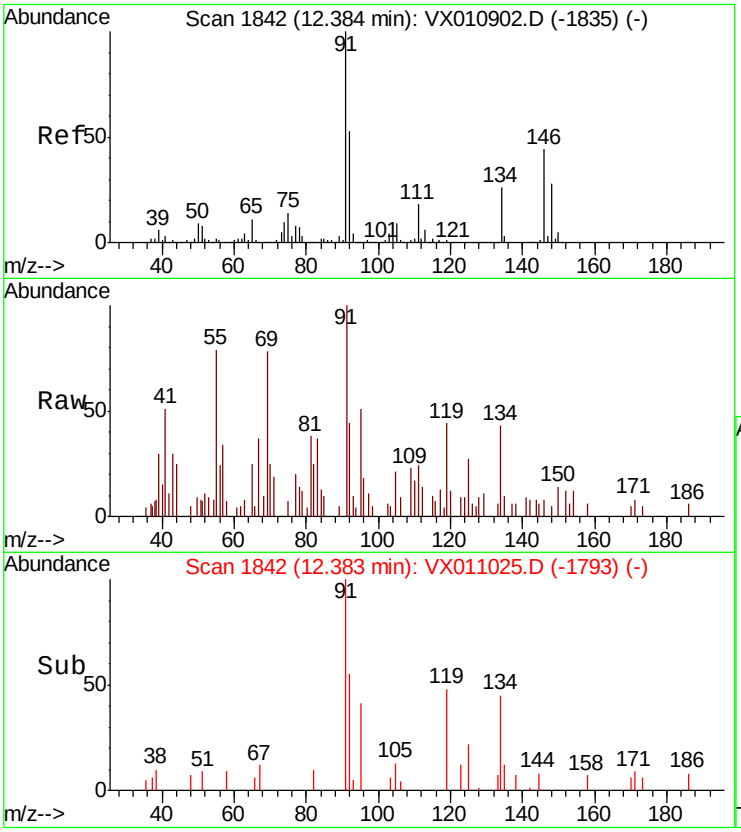


#84
1,2,4-Trimethylbenzene
Concen: 0.617 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011025.D
Acq: 22 Jul 2019 13:06

Tgt Ion:105 Resp: 6432

Ion	Ratio	Lower	Upper
105	100		
120	43.4	22.9	68.5



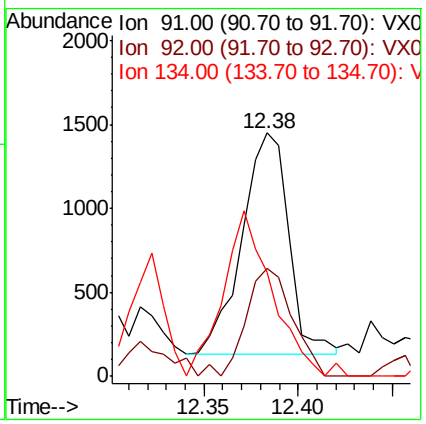


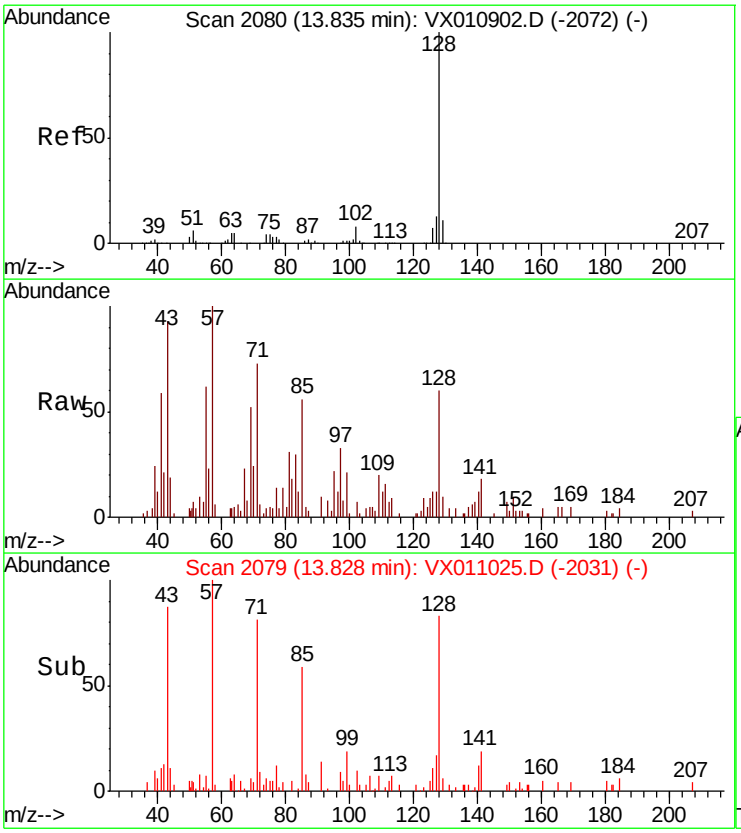
#89
n-Butylbenzene
Concen: 0.241 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011025.D
Acq: 22 Jul 2019 13:06

Instrument :
MSVOA_X
ClientSampleId :
SU19-MSW0620

Tgt Ion: 91 Resp: 2270

Ion	Ratio	Lower	Upper
91	100		
92	47.2	26.2	78.5
134	78.8	13.8	41.3#





#95
Naphthalene
Concen: 0.222 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011025.D
Acq: 22 Jul 2019 13:06

Tgt Ion:128 Resp: 2611

Ion	Ratio	Lower	Upper
128	100		
127	30.1	10.4	15.6#
129	30.8	8.9	13.3#