Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072619\
Data File : VX011122.D
Acq On : 27 Jul 2019 04:40
Operator : JC/SP
Sample : K3620-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : CL-02-072519-A

Quant Time: Jul 27 07:02:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	192937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	315161	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	303393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	140393	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	107545	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.80%			
35) Dibromofluoromethane	5.50	113	97594	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.58%			
50) Toluene-d8	8.71	98	386514	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.04%			
62) 4-Bromofluorobenzene	11.13	95	135236	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.08%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.23	85	45	0.568	ug/l #	9
5) Bromomethane	1.65	94	453	0.444	ug/l #	55
6) Chloroethane	1.72	64	450	0.391	ug/l #	41
8) Diethyl Ether	2.18	74	873	0.827	ug/l	64
11) Tert butyl alcohol	3.04	59	723	1.512	ug/l #	79
13) Acrolein	2.30	56	97	0.351	ug/l	87
14) Allyl chloride	2.86	41	18798	7.530	ug/l #	27
16) Acetone	2.44	43	516065	556.684	ug/l	97
18) Methyl Acetate	2.78	43	1104	0.523	ug/l #	81
20) Methylene Chloride	2.86	84	554295	282.144	ug/l	100
25) 2-Butanone	4.68	43	2593	1.949	ug/l	100
29) Tetrahydrofuran	5.14	42	357	0.424	ug/l #	82
31) Cyclohexane	5.66	56	3767	1.352	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	13045	5.039	ug/l #	49
38) Carbon Tetrachloride	5.67	117	18261	6.769	ug/l #	18
43) Isopropyl Acetate	6.45	43	10687	2.452	ug/l	98
48) Methyl methacrylate	7.68	41	5282	2.488	ug/l #	10
49) 1,4-Dioxane	7.84	88	41	0.690	ug/l #	28
51) 4-Methyl-2-Pentanone	8.61	43	54125	19.156	ug/l #	50
54) cis-1,3-Dichloropropene	8.61	75	26697	8.691	ug/l #	66
57) 1,3-Dichloropropane	9.54	76	6331	1.861	ug/l #	43
59) 2-Hexanone	9.54	43	80049	36.527	ug/l #	53
60) Dibromochloromethane	9.41	129	26	2.538	ug/l #	11
76) 1,2,3-Trichloropropane	11.13	75	68252	26.940	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	2113	0.267	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	68252	66.801	ug/l #	11
95) Naphthalene	13.83	128	8916	0.990	ug/l	97

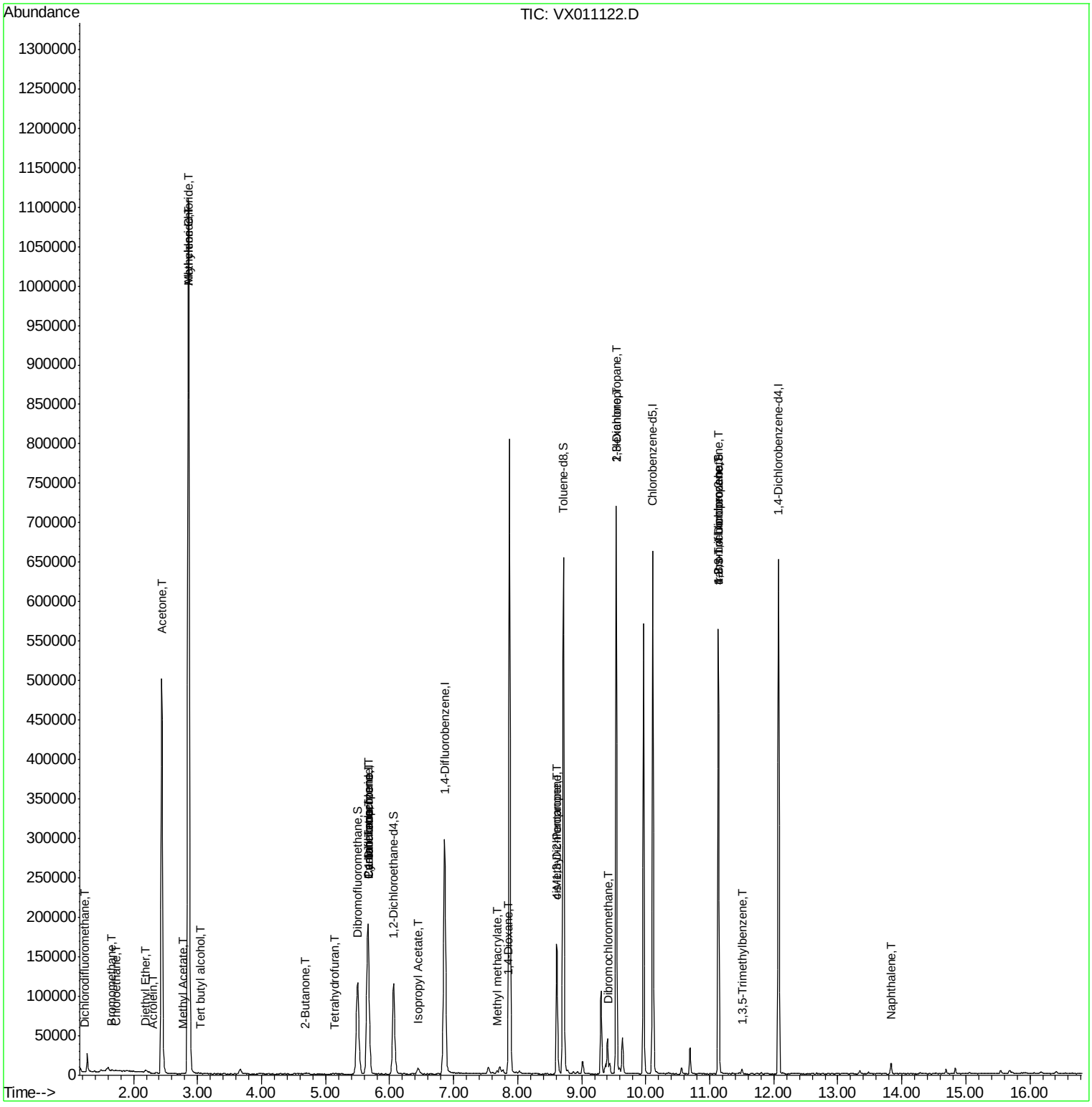
(#) = qualifier out of range (m) = manual integration (+) = signals summed

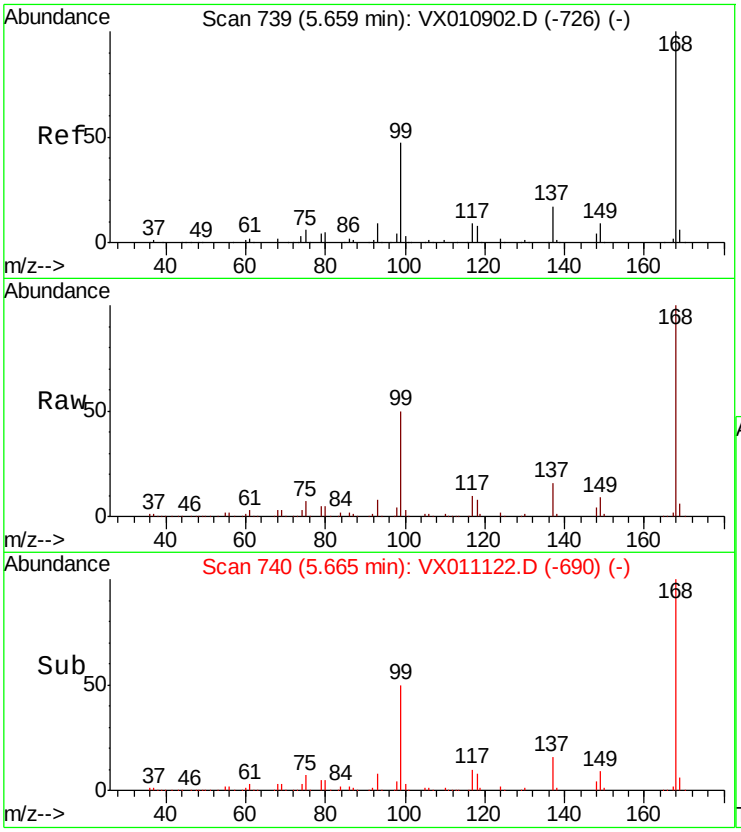
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072619\
Data File : VX011122.D
Acq On : 27 Jul 2019 04:40
Operator : JC/SP
Sample : K3620-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-A

Quant Time: Jul 27 07:02:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration



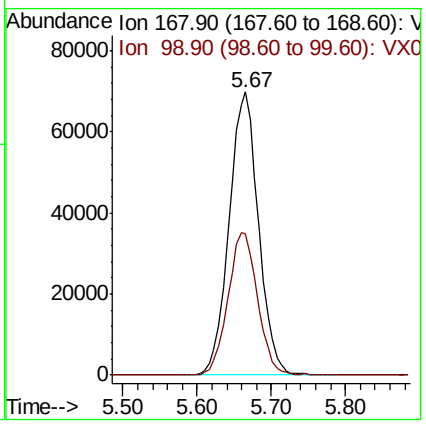


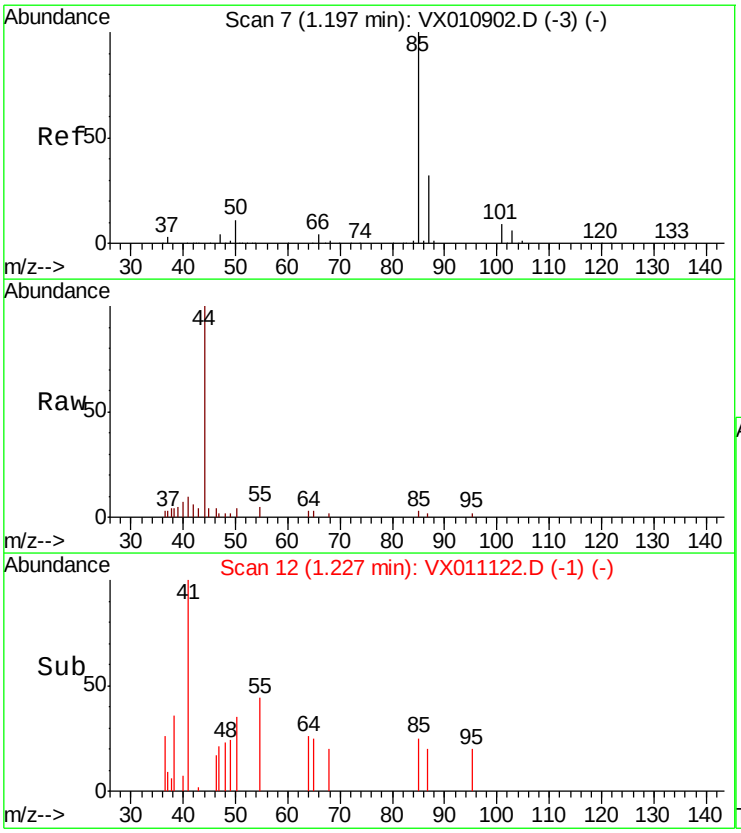
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-A

Tgt Ion:168 Resp: 192937

Ion	Ratio	Lower	Upper
168	100		
99	50.1	37.6	56.4

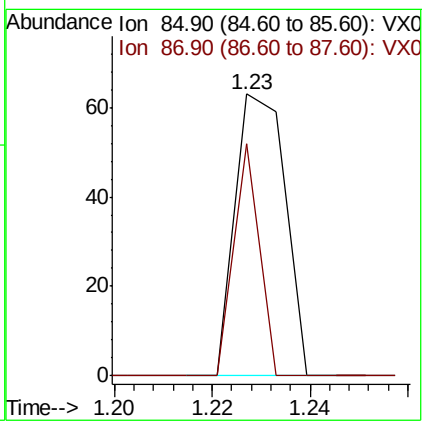


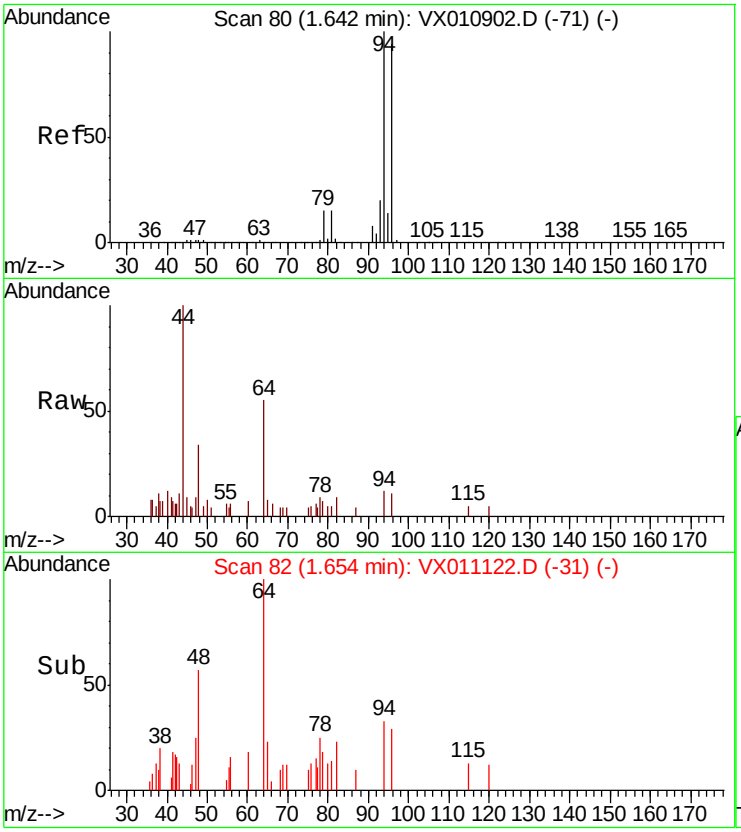


#2
Dichlorodifluoromethane
Concen: 0.568 ug/l
RT: 1.23 min Scan# 12
Delta R.T. 0.03 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Tgt Ion: 85 Resp: 45

Ion	Ratio	Lower	Upper
85	100		
87	82.5	15.9	47.7#



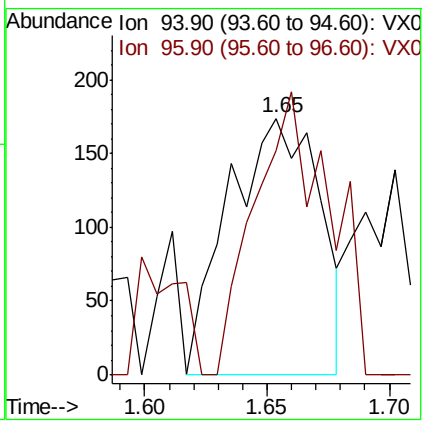


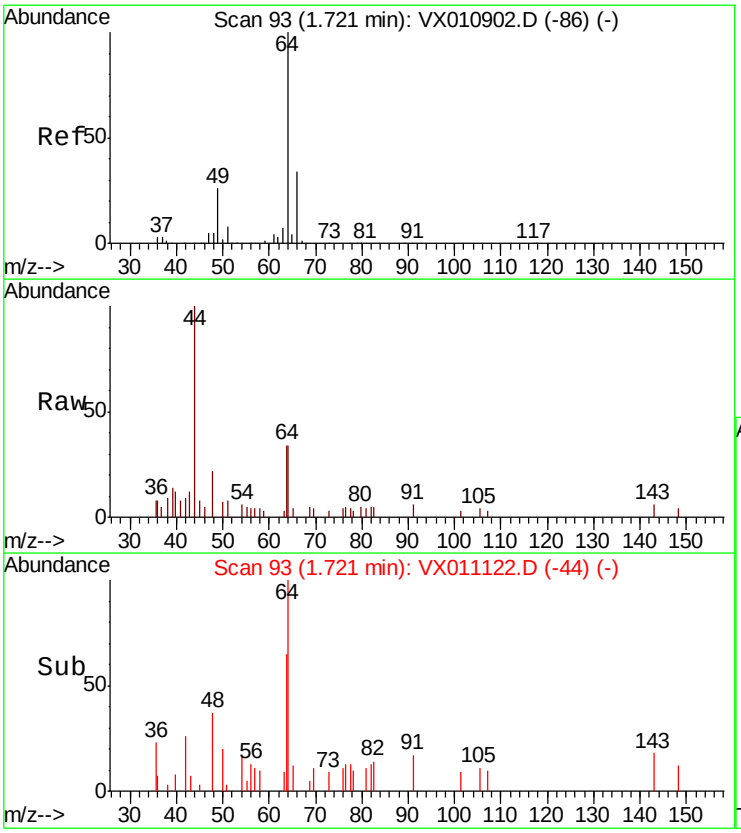
#5
Bromomethane
Concen: 0.444 ug/l
RT: 1.65 min Scan# 82
Delta R.T. 0.01 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-A

Tgt Ion: 94 Resp: 453

Ion	Ratio	Lower	Upper
94	100		
96	51.1	75.6	113.4#

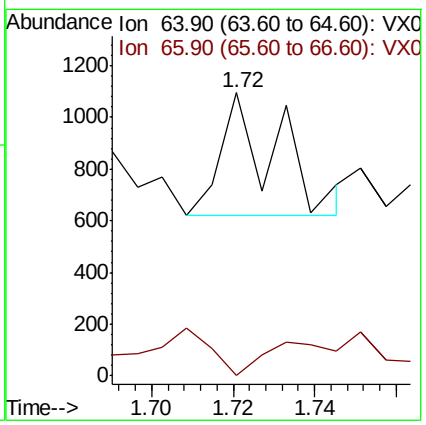


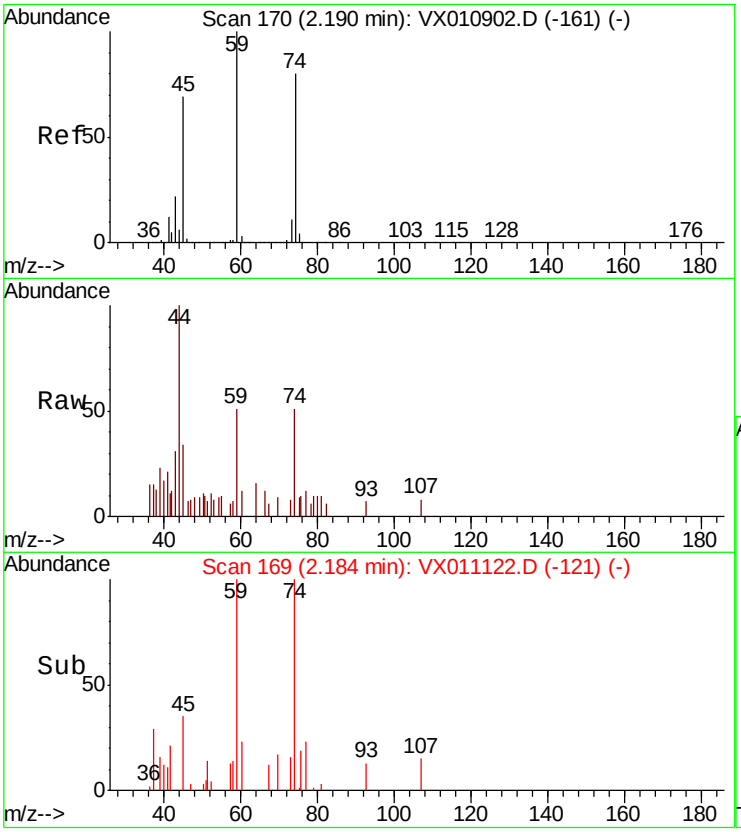


#6
Chloroethane
Concen: 0.391 ug/l
RT: 1.72 min Scan# 93
Delta R.T. -0.00 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Tgt Ion: 64 Resp: 450

Ion	Ratio	Lower	Upper
64	100		
66	0.0	27.0	40.6#



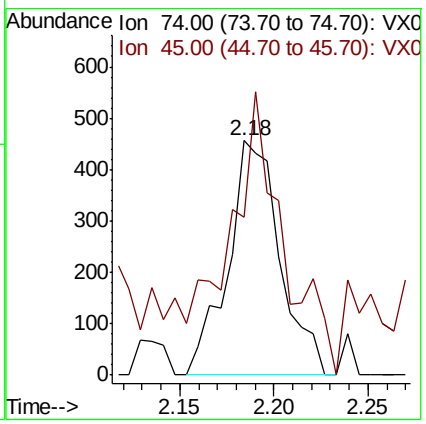


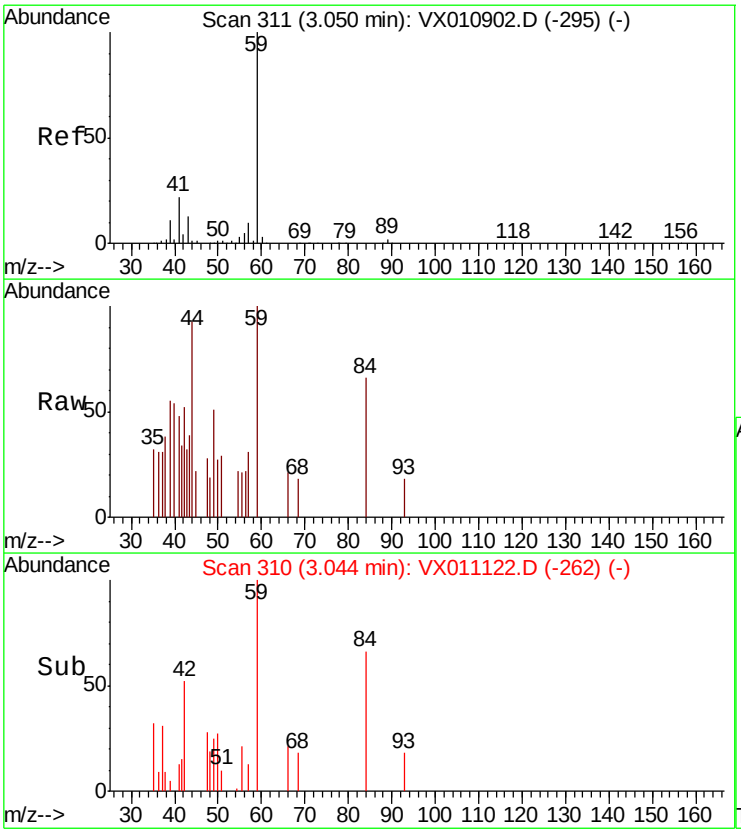
#8
Diethyl Ether
Concen: 0.827 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-A

Tgt Ion: 74 Resp: 873

Ion	Ratio	Lower	Upper
74	100		
45	124.9	45.5	136.5

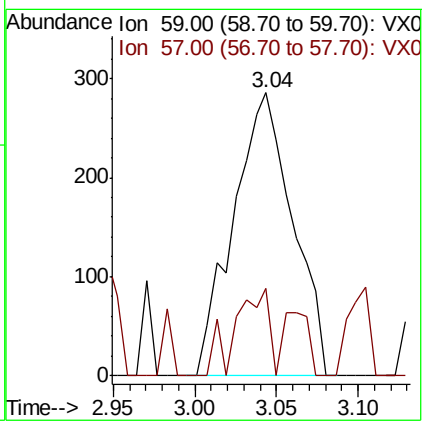


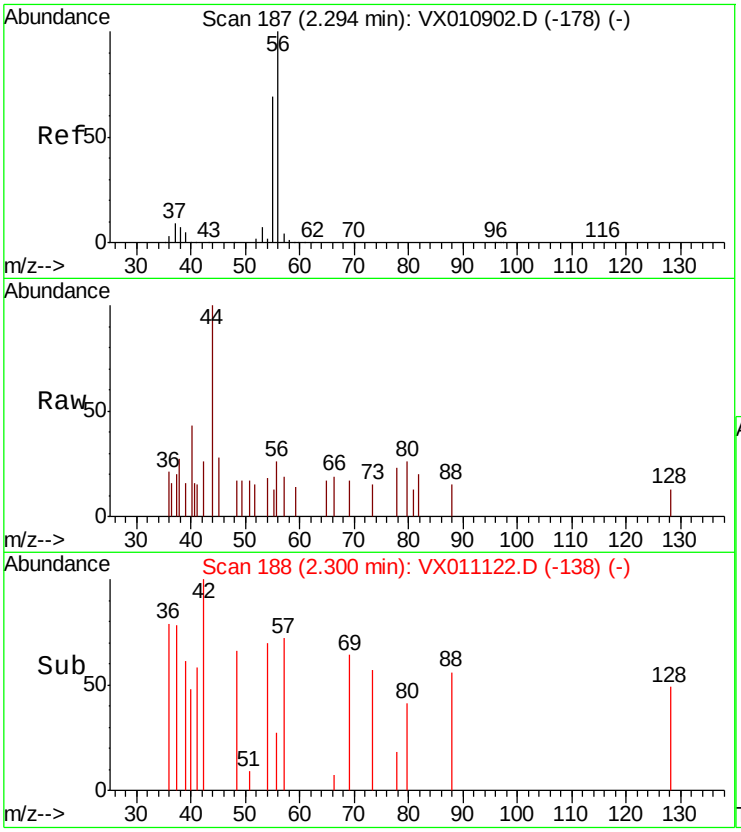


#11
Tert butyl alcohol
Concen: 1.512 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Tgt Ion: 59 Resp: 723

Ion	Ratio	Lower	Upper
59	100		
57	17.7	7.9	11.9#



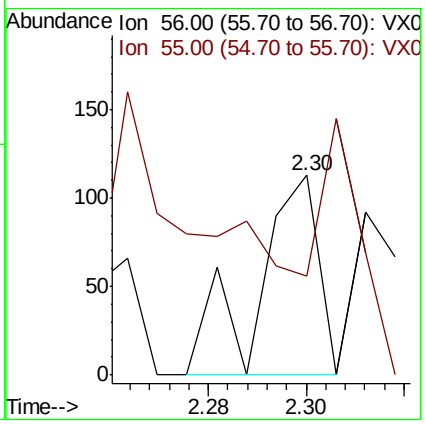


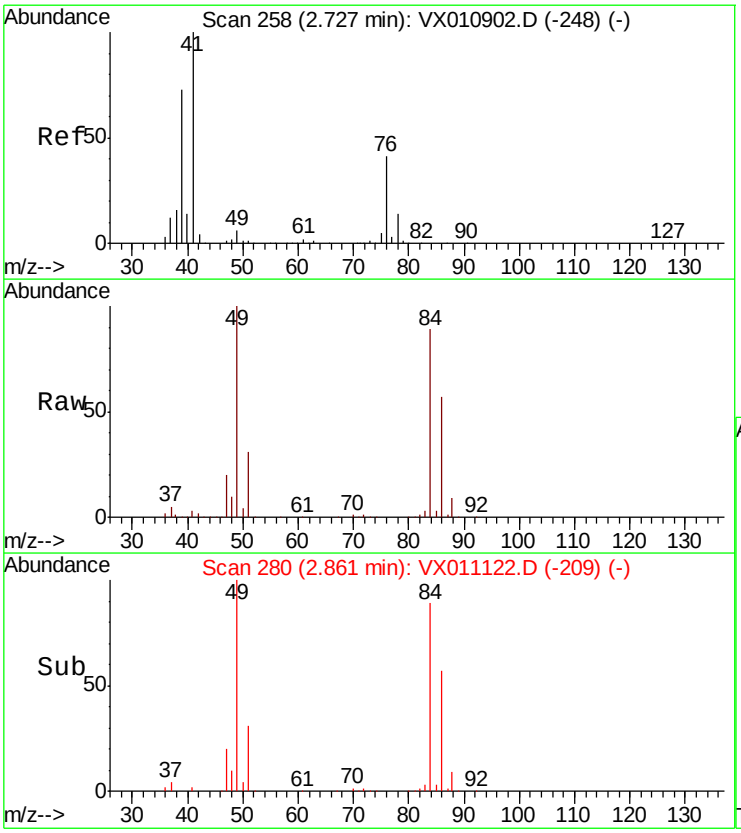
#13
Acrolein
Concen: 0.351 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-A

Tgt Ion: 56 Resp: 97

Ion	Ratio	Lower	Upper
56	100		
55	80.4	55.9	83.9

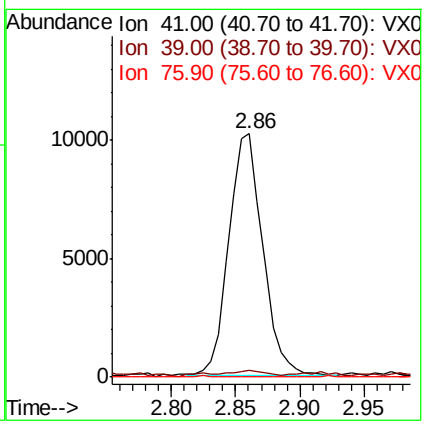


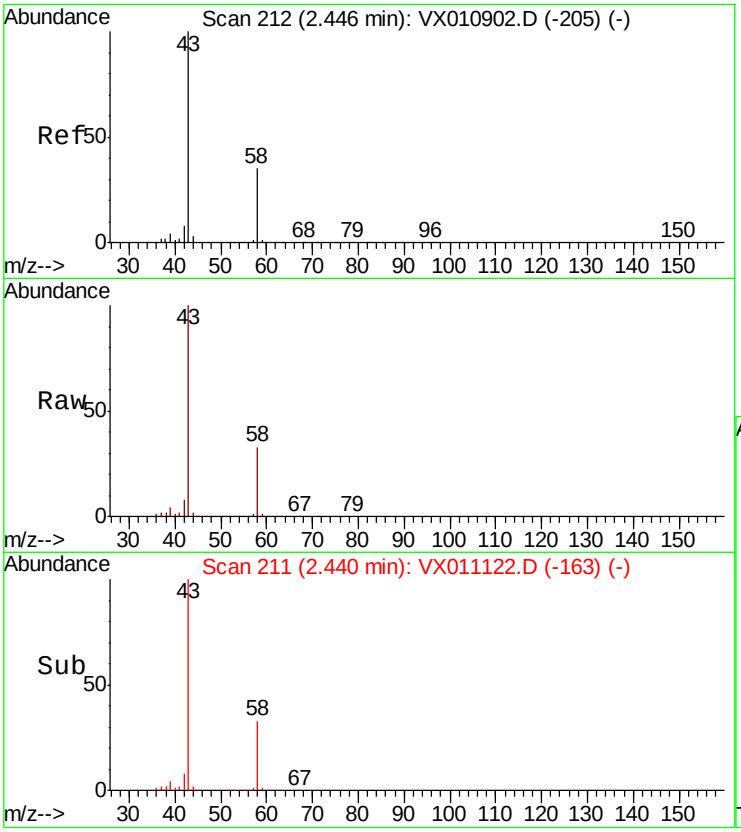


#14
Allyl chloride
Concen: 7.530 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.13 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Tgt Ion: 41 Resp: 18798

Ion	Ratio	Lower	Upper
41	100		
39	4.3	53.6	80.4#
76	0.0	29.7	44.5#



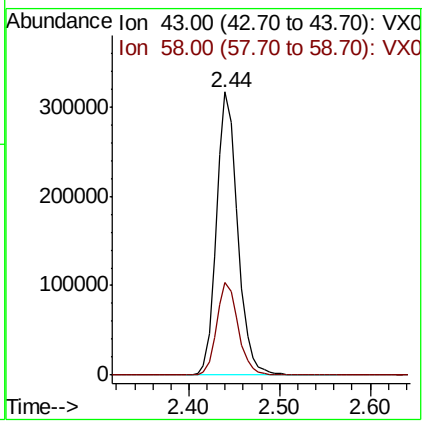


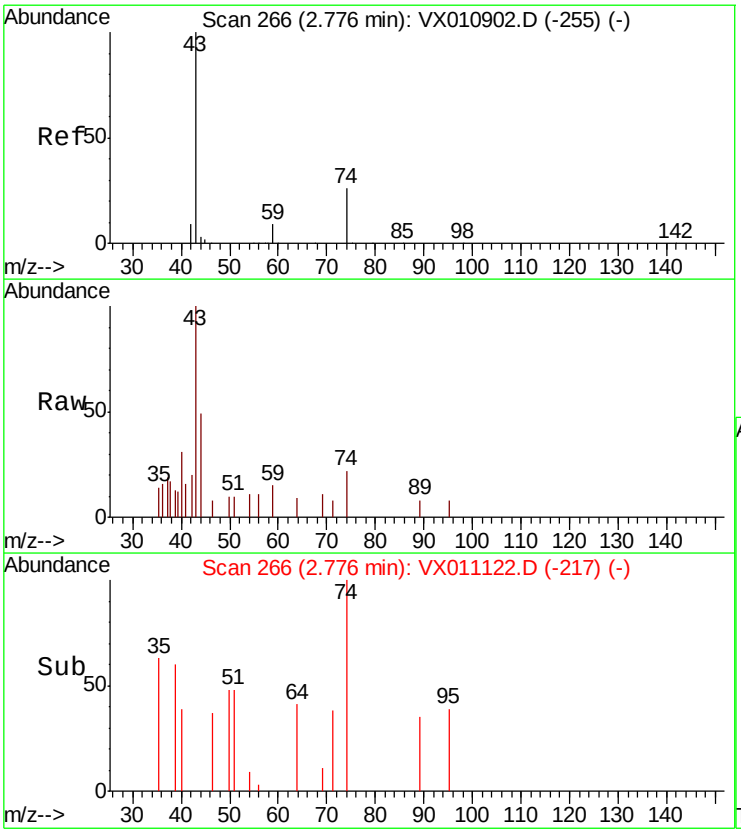
#16
Acetone
Concen: 556.684 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-A

Tgt Ion: 43 Resp: 516065

Ion	Ratio	Lower	Upper
43	100		
58	32.6	27.7	41.5

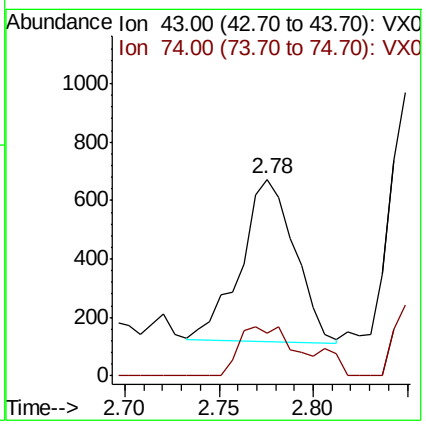


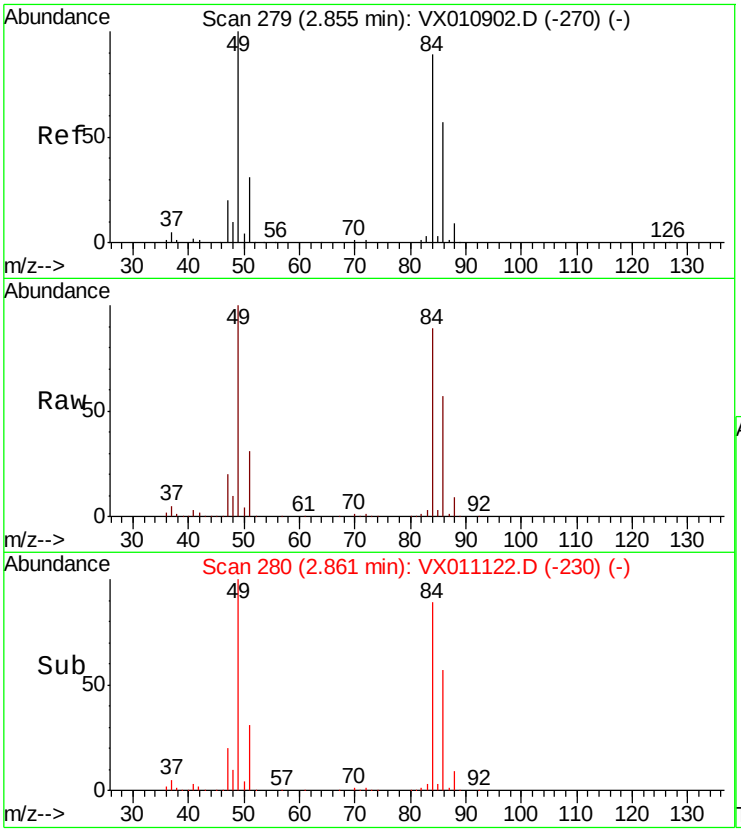


#18
Methyl Acetate
Concen: 0.523 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Tgt Ion: 43 Resp: 1104

Ion	Ratio	Lower	Upper
43	100		
74	36.5	21.5	32.3#



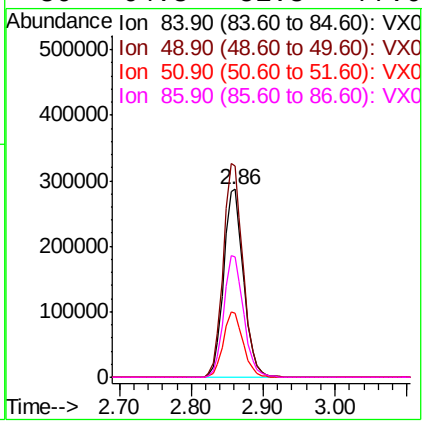


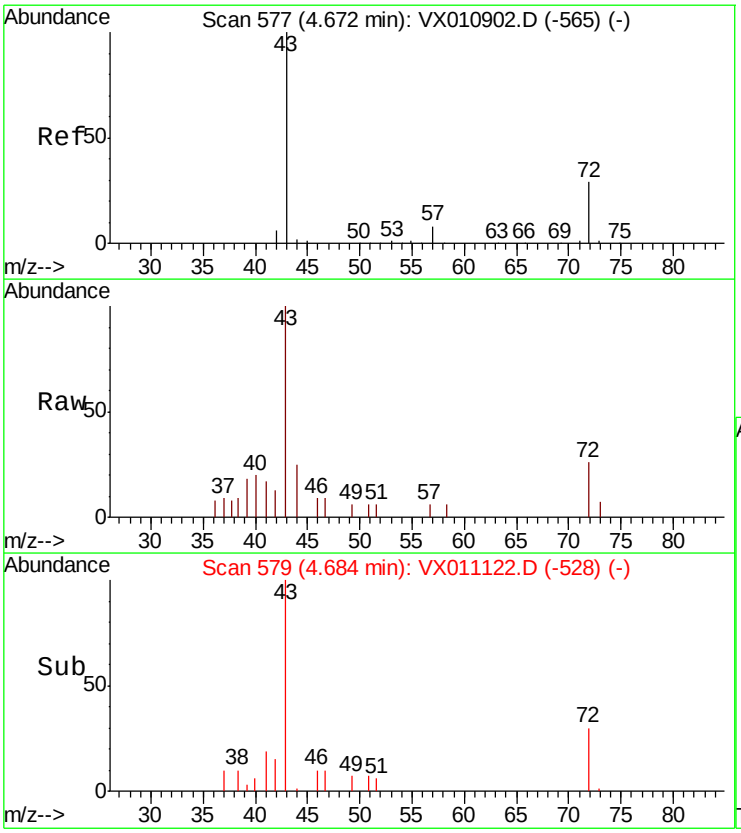
#20
Methylene Chloride
Concen: 282.144 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-A

Tgt Ion: 84 Resp: 554295

Ion	Ratio	Lower	Upper
84	100		
49	112.2	89.9	134.9
51	34.4	27.8	41.6
86	64.3	51.8	77.6

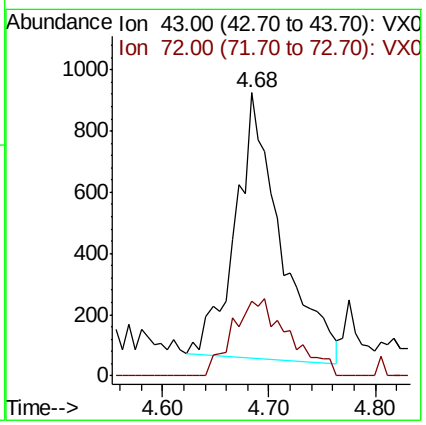


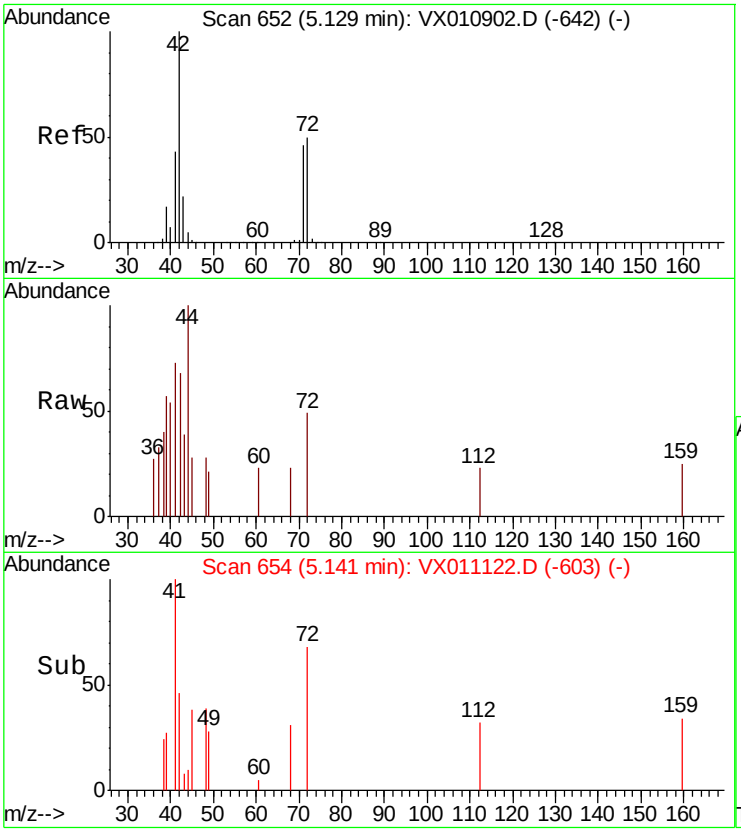


#25
2-Butanone
Concen: 1.949 ug/l
RT: 4.68 min Scan# 579
Delta R.T. 0.01 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Tgt Ion: 43 Resp: 2593

Ion	Ratio	Lower	Upper
43	100		
72	28.7	23.0	34.6



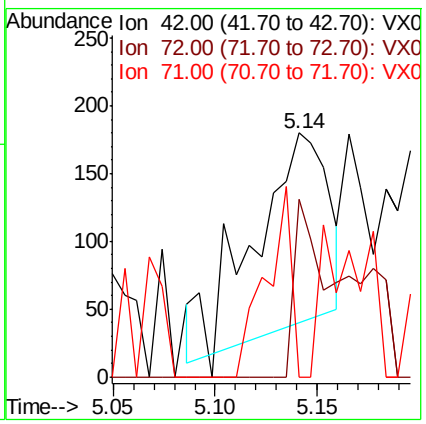


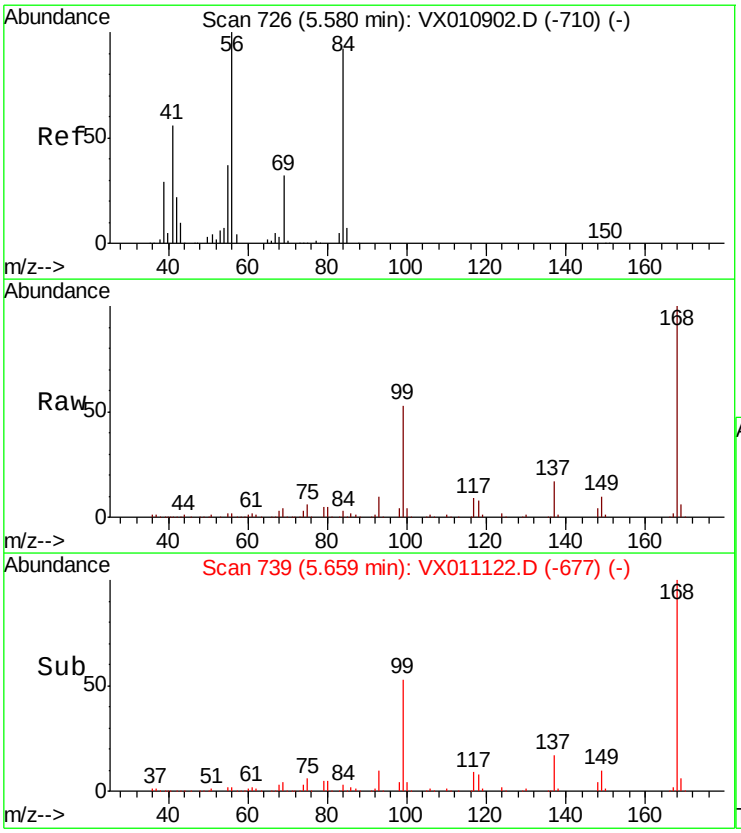
#29
Tetrahydrofuran
Concen: 0.424 ug/l
RT: 5.14 min Scan# 654
Delta R.T. 0.01 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Instrument : MSVOA_X
ClientSampleId : CL-02-072519-A

Tgt Ion: 42 Resp: 357

Ion	Ratio	Lower	Upper
42	100		
72	37.5	39.8	59.8#
71	33.9	37.0	55.4#

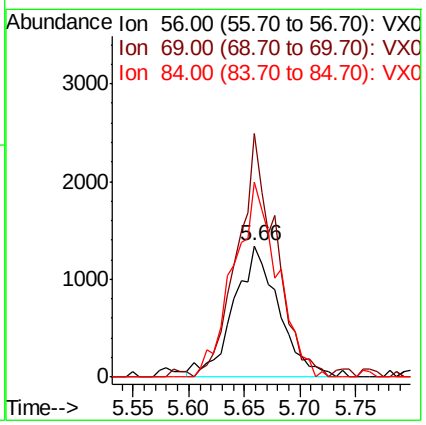


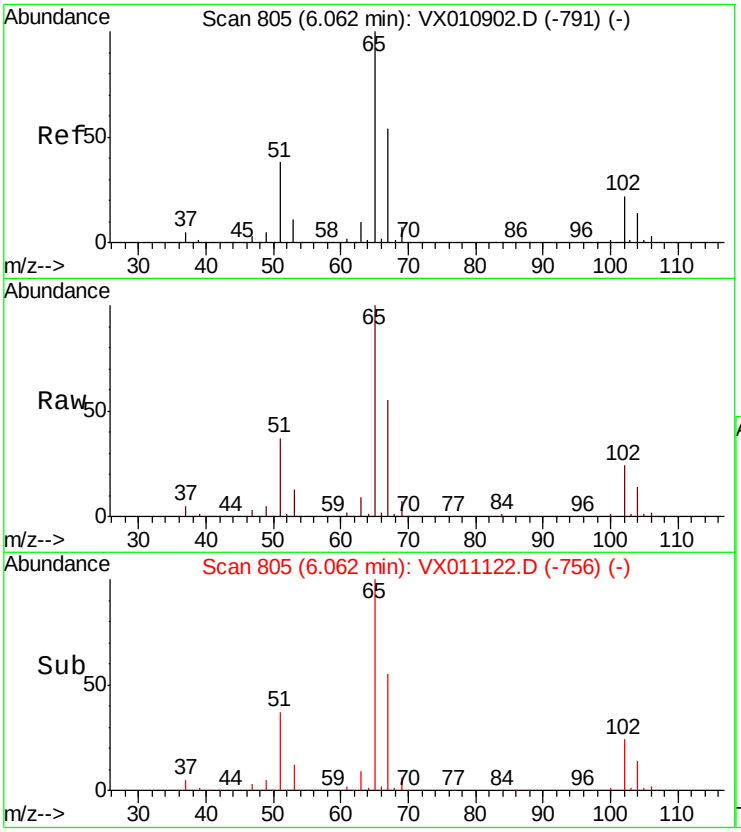


#31
Cyclohexane
Concen: 1.352 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Tgt Ion: 56 Resp: 3767

Ion	Ratio	Lower	Upper
56	100		
69	181.9	25.8	38.8#
84	148.2	73.8	110.6#



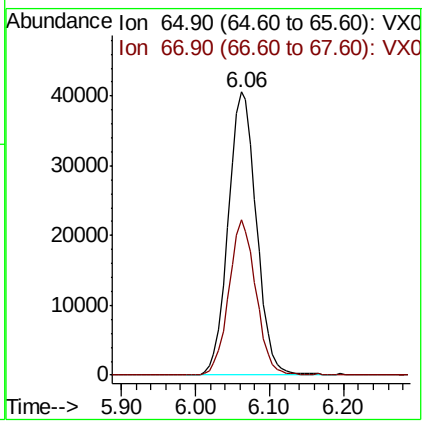


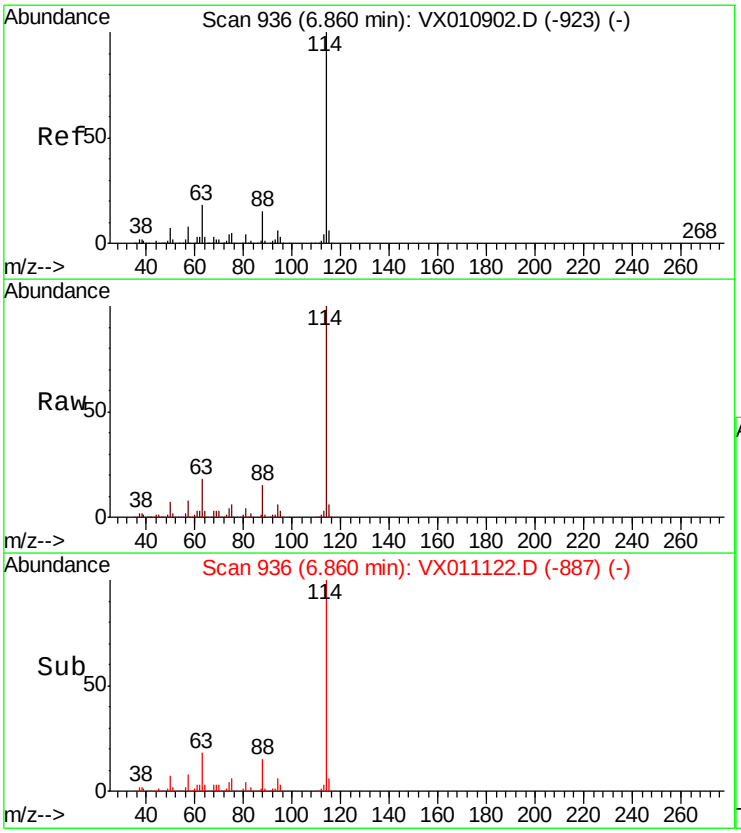
#33
1,2-Dichloroethane-d4
Concen: 52.396 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-A

Tgt Ion: 65 Resp: 107545

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	107.8

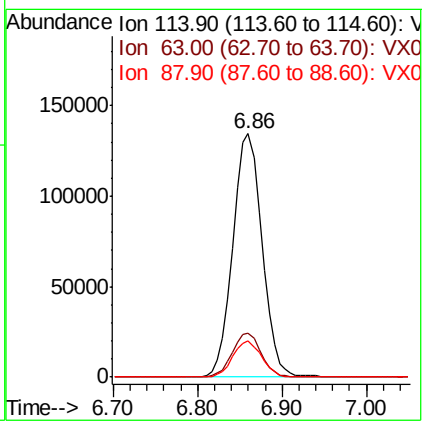


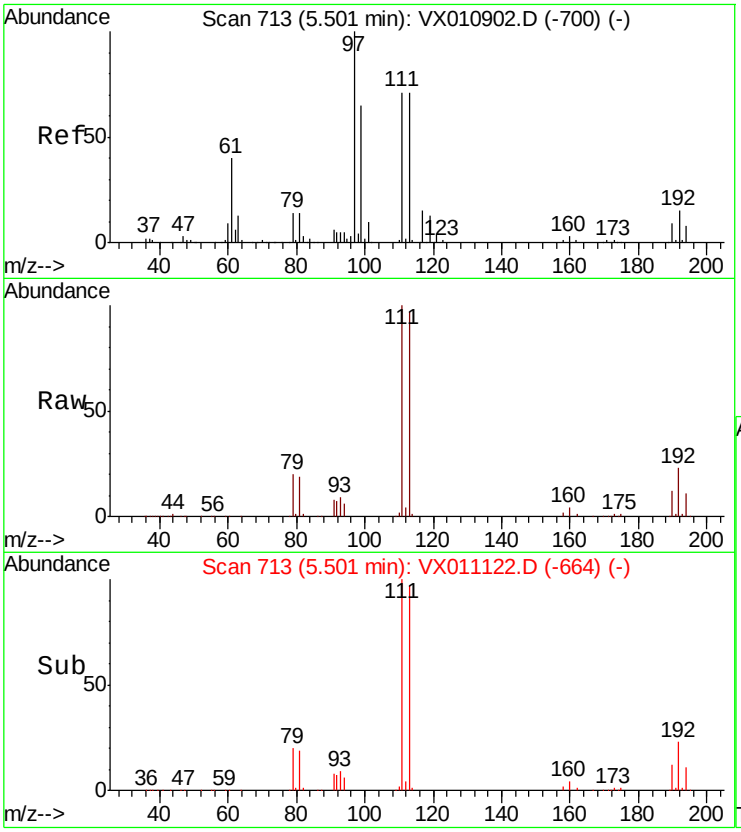


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Tgt Ion:114 Resp: 315161

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	35.6
88	15.0	0.0	29.8



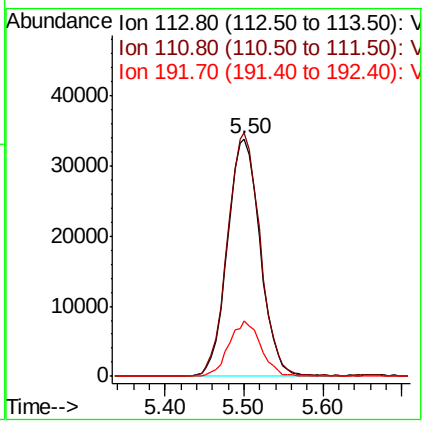


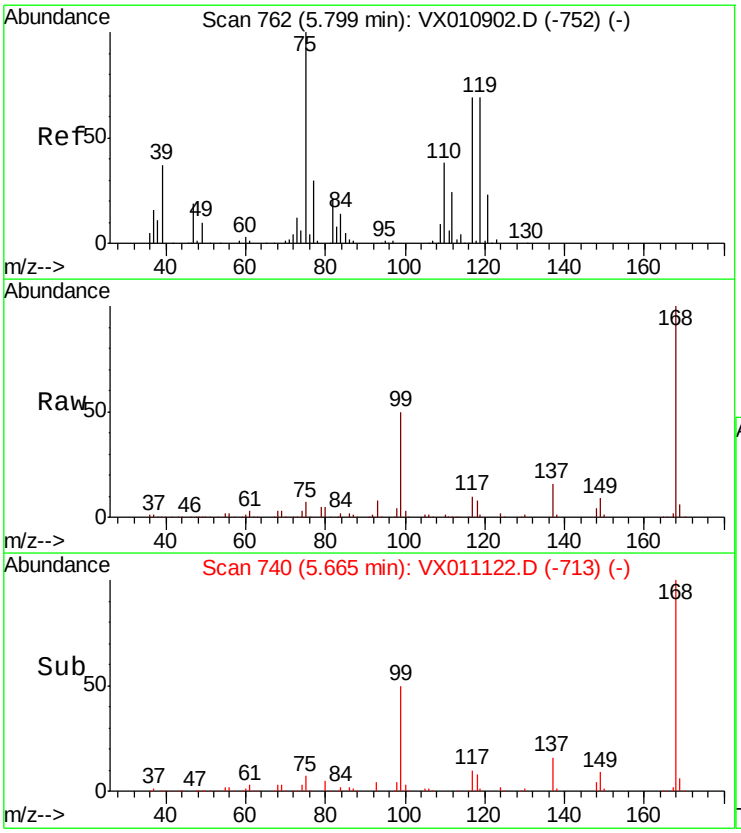
#35
Dibromofluoromethane
Concen: 48.787 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-A

Tgt Ion:113 Resp: 97594

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.3	123.5
192	22.6	17.4	26.2

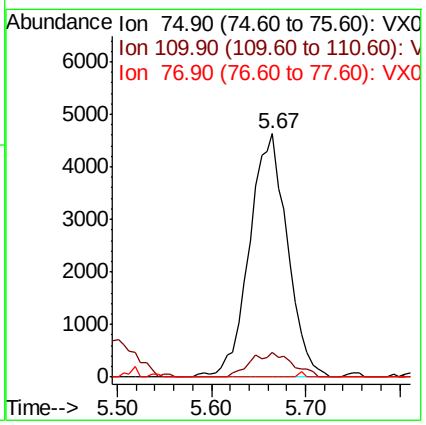


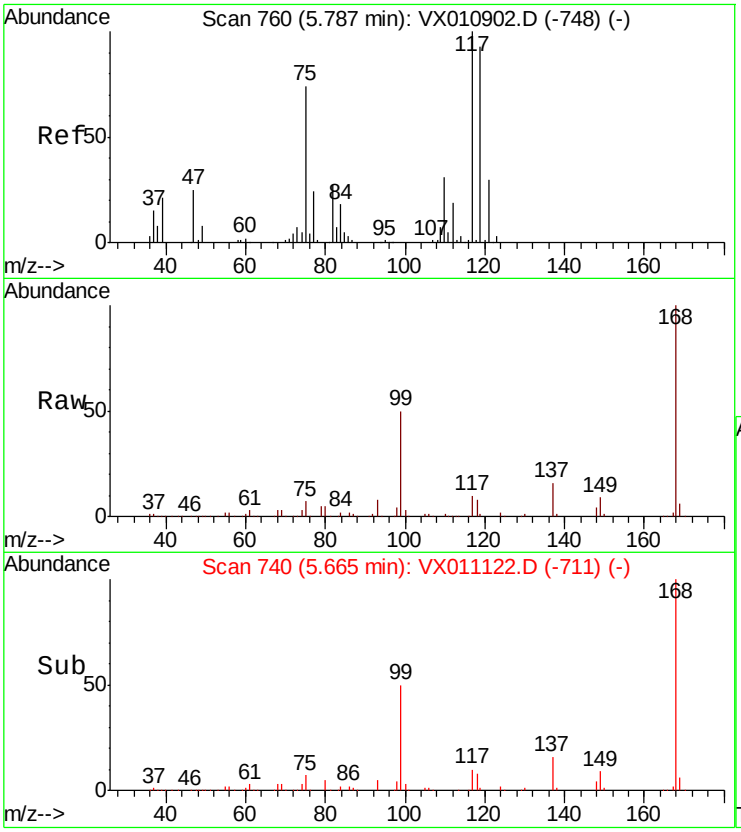


#36
1,1-Dichloropropene
Concen: 5.039 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Tgt Ion: 75 Resp: 13045

Ion	Ratio	Lower	Upper
75	100		
110	11.1	19.9	59.7#
77	0.0	25.0	37.4#



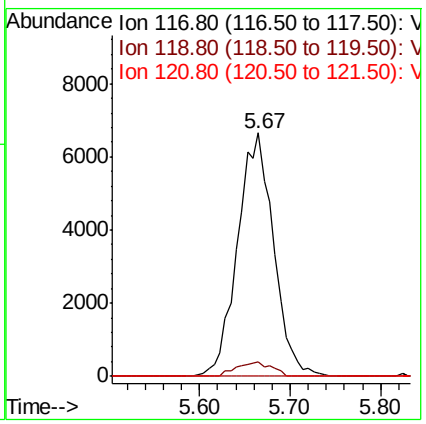


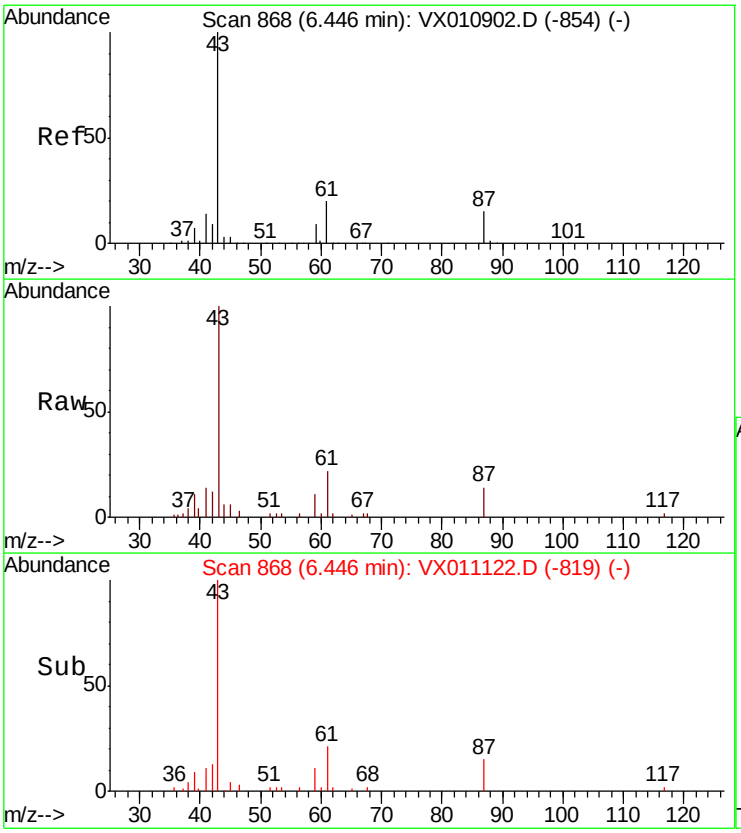
#38
Carbon Tetrachloride
Concen: 6.769 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-A

Tgt Ion:117 Resp: 18261

Ion	Ratio	Lower	Upper
117	100		
119	5.8	74.2	111.2#
121	0.0	24.2	36.2#

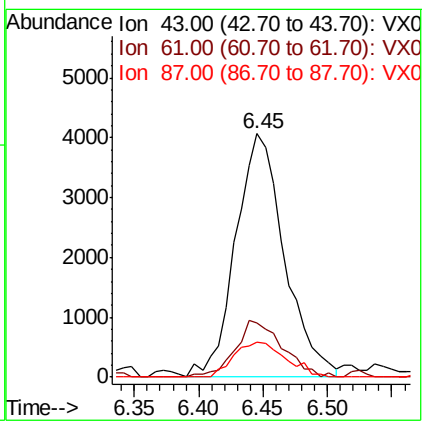


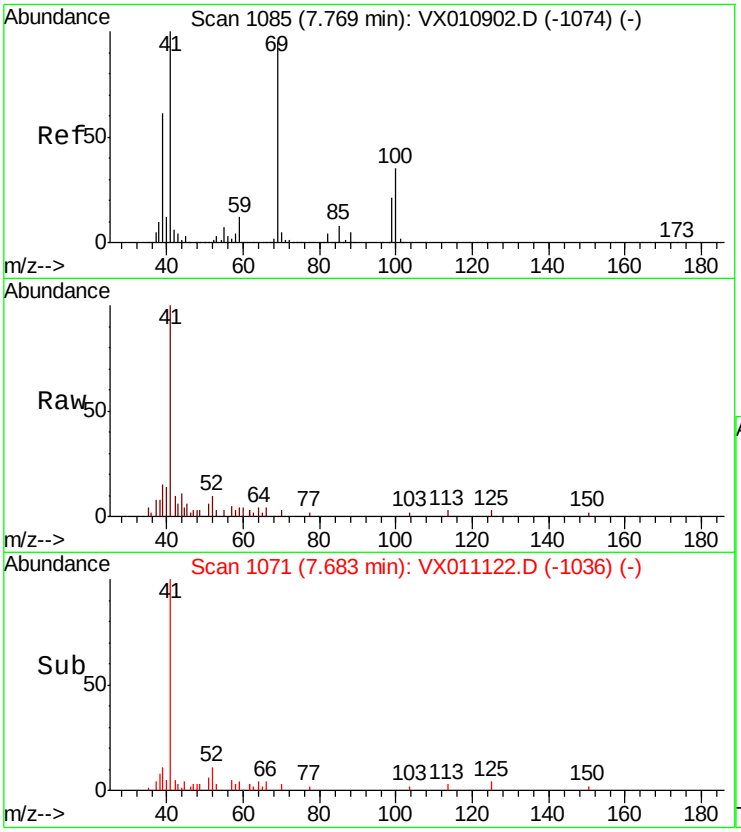


#43
Isopropyl Acetate
Concen: 2.452 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Tgt Ion: 43 Resp: 10687

Ion	Ratio	Lower	Upper
43	100		
61	22.5	17.1	25.7
87	15.2	12.0	18.0



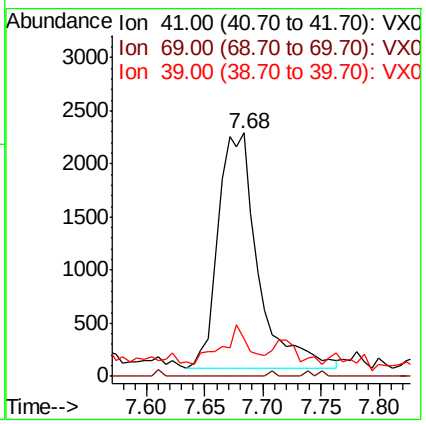


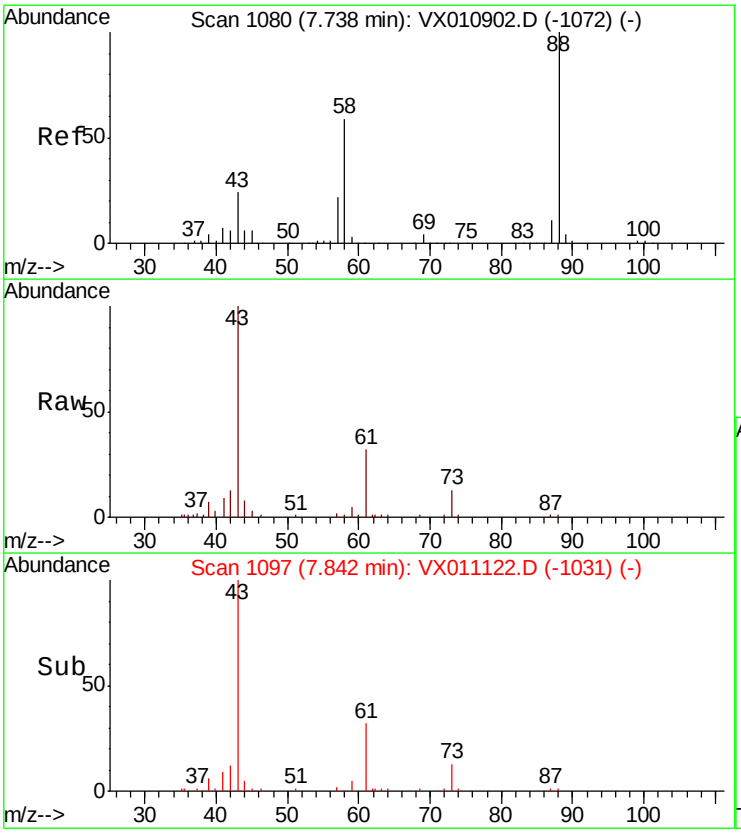
#48
Methyl methacrylate
Concen: 2.488 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Instrument : MSVOA_X
ClientSampleId : CL-02-072519-A

Tgt Ion: 41 Resp: 5282

Ion	Ratio	Lower	Upper
41	100		
69	0.0	74.4	111.6#
39	0.0	48.9	73.3#

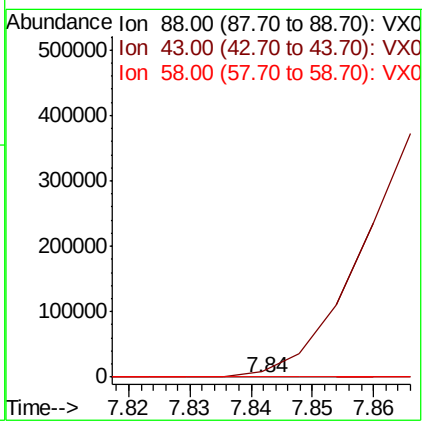


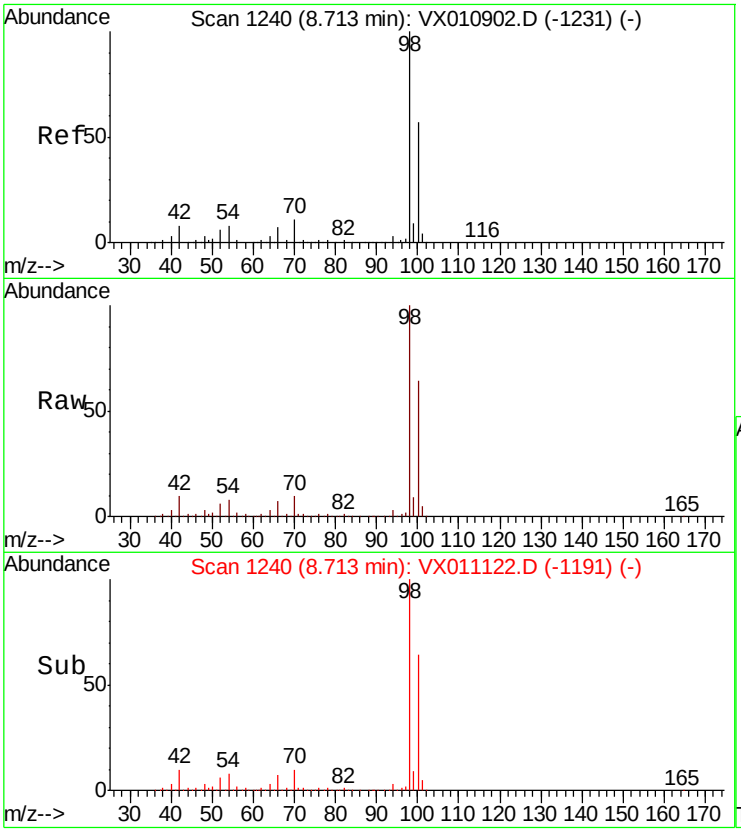


#49
1,4-Dioxane
Concen: 0.690 ug/l
RT: 7.84 min Scan# 1097
Delta R.T. 0.10 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Tgt Ion: 88 Resp: 41

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.9	34.3#
58	0.0	49.8	74.8#



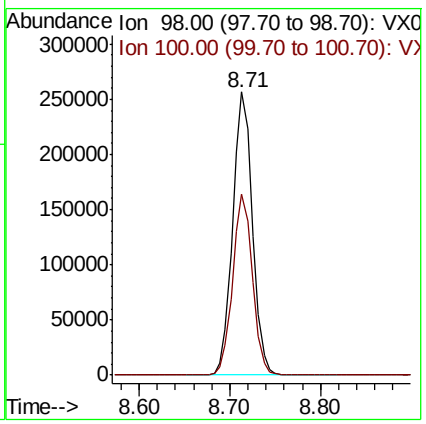


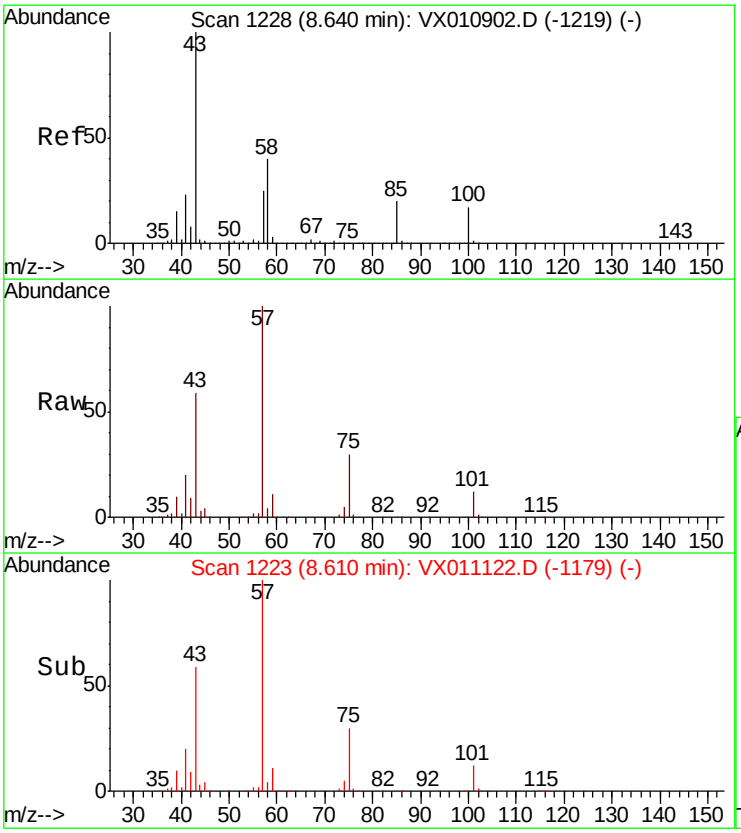
#50
Toluene-d8
Concen: 51.516 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-A

Tgt Ion: 98 Resp: 386514

Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.6	75.8

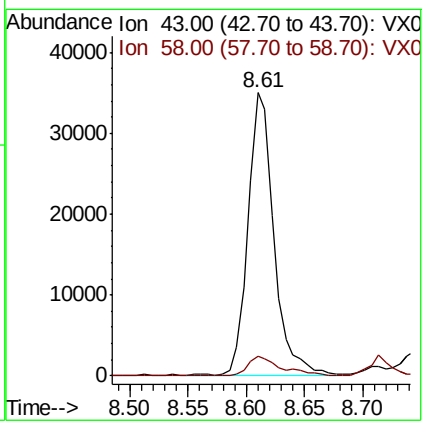


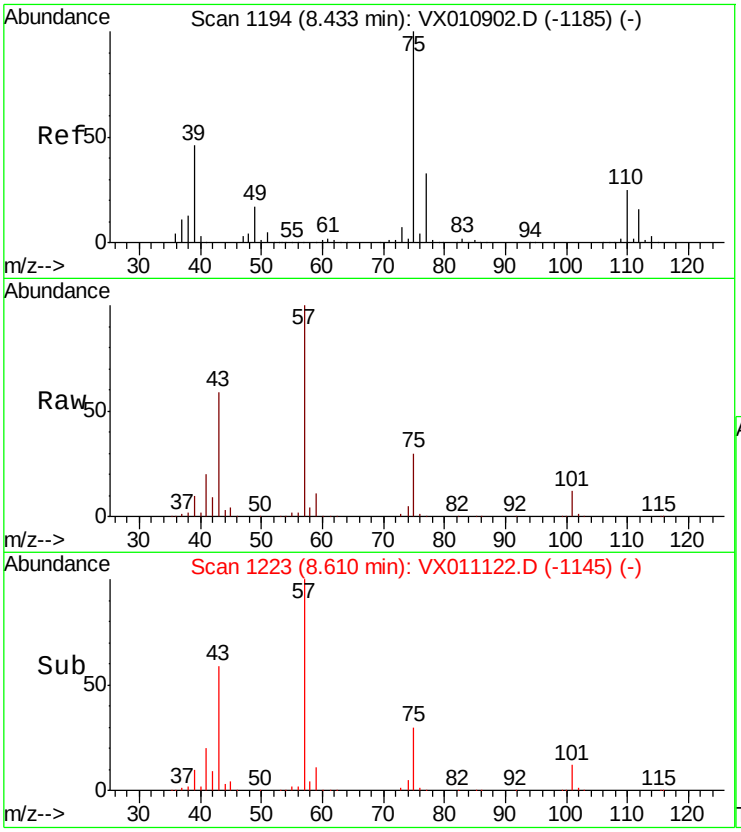


#51
4-Methyl-2-Pentanone
Concen: 19.156 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Tgt Ion: 43 Resp: 54125

Ion	Ratio	Lower	Upper
43	100		
58	9.0	32.2	48.4#



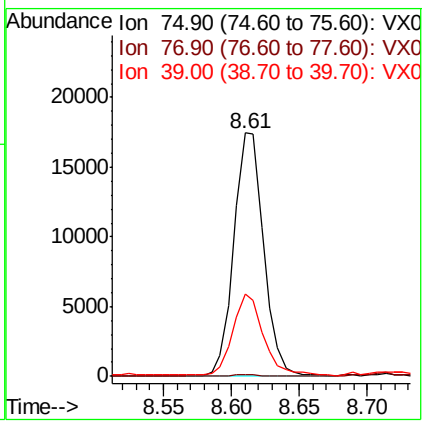


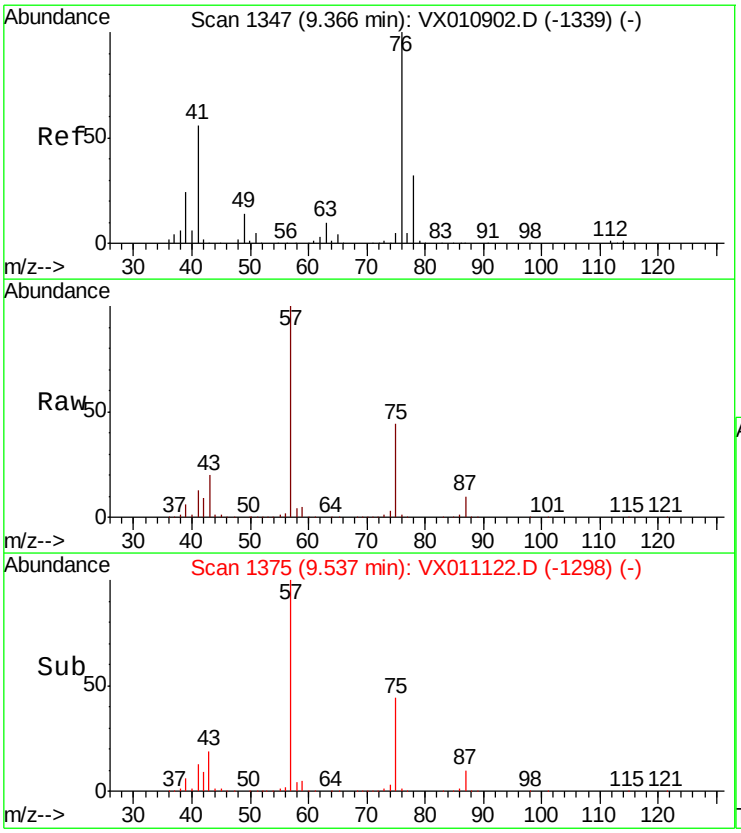
#54
cis-1,3-Dichloropropene
Concen: 8.691 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-A

Tgt Ion: 75 Resp: 26697

Ion	Ratio	Lower	Upper
75	100		
77	1.0	26.1	39.1#
39	33.7	36.6	54.8#

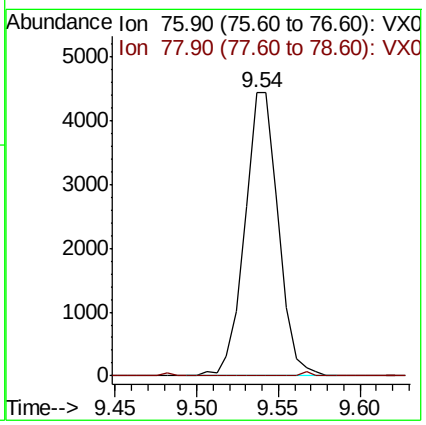


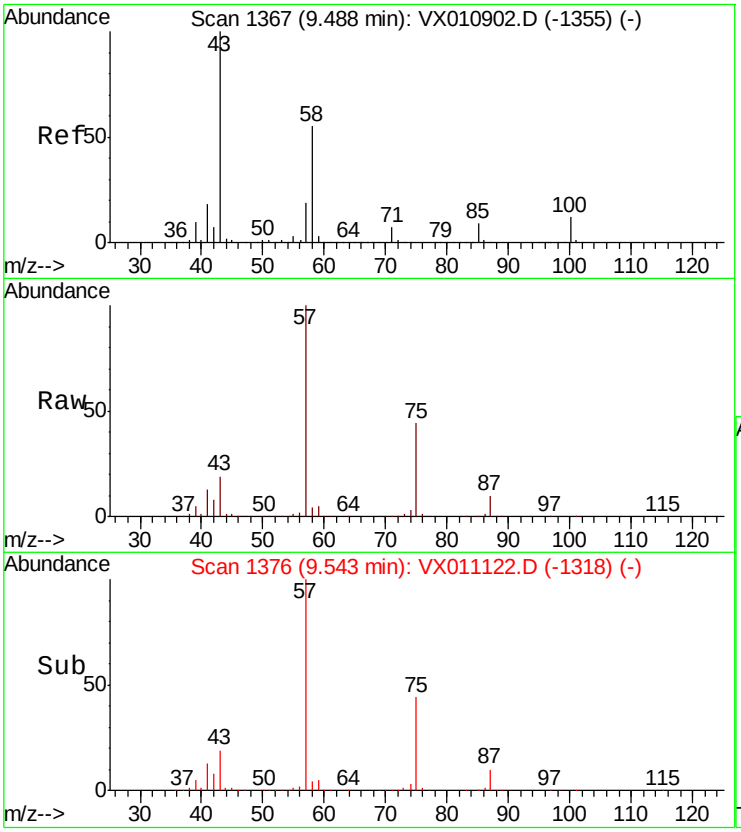


#57
1,3-Dichloropropane
Concen: 1.861 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.17 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Tgt Ion: 76 Resp: 6331

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



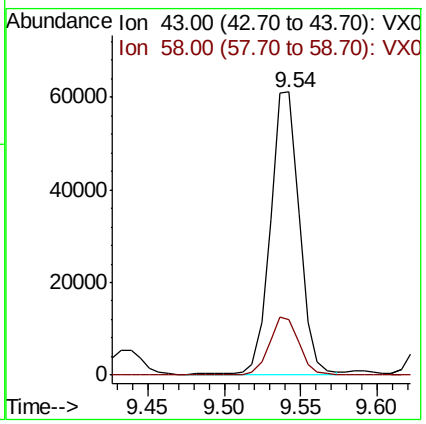


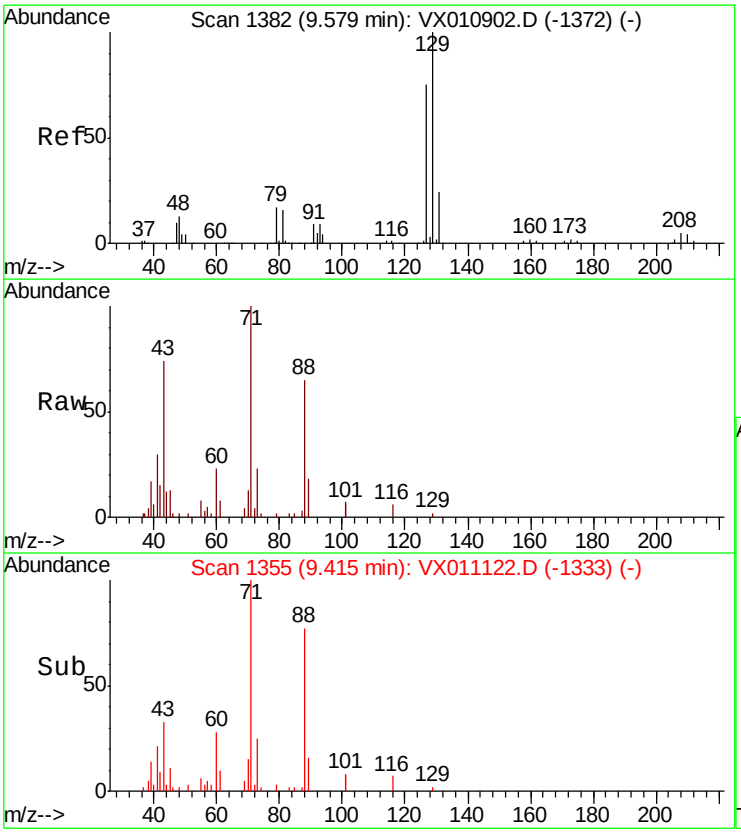
#59
2-Hexanone
Concen: 36.527 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-A

Tgt Ion: 43 Resp: 80049

Ion	Ratio	Lower	Upper
43	100		
58	21.3	28.0	83.9#

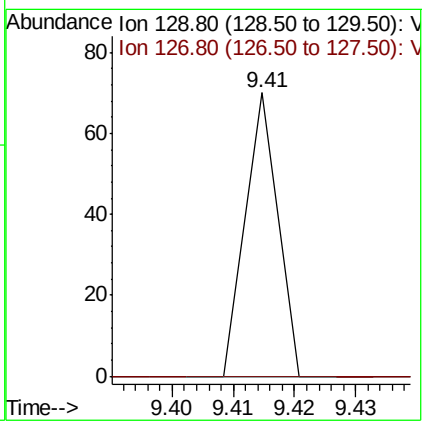


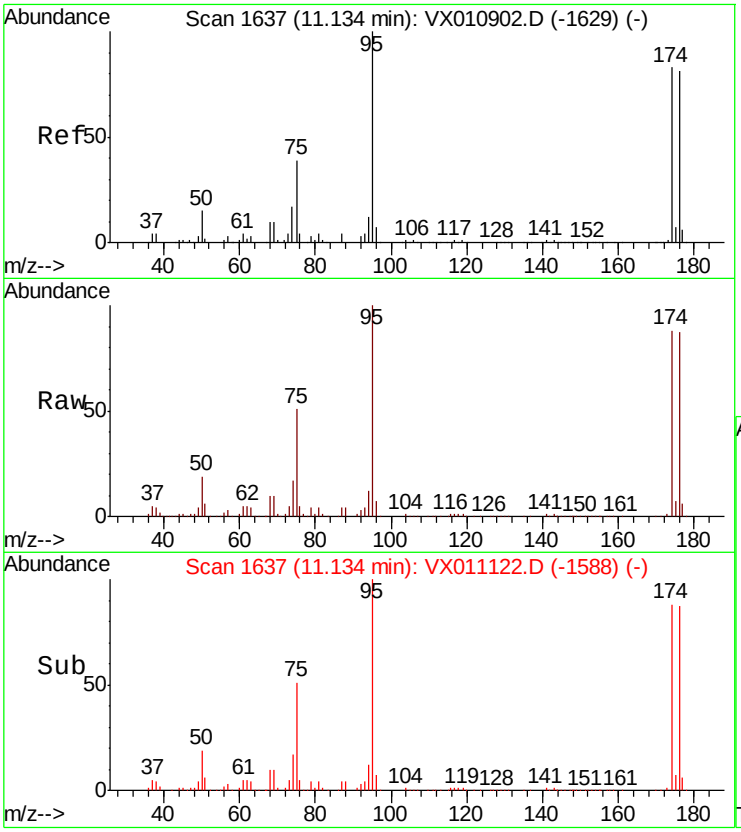


#60
Dibromochloromethane
Concen: 2.538 ug/l
RT: 9.41 min Scan# 1355
Delta R.T. -0.16 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Tgt Ion:129 Resp: 26

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.6	115.8#



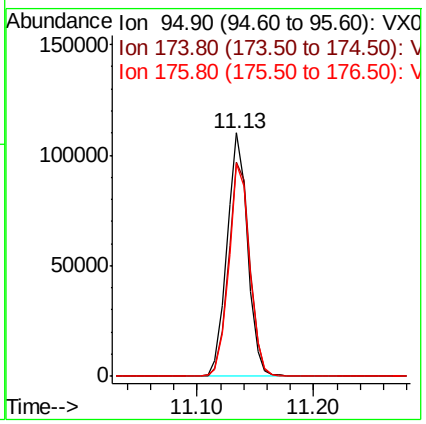


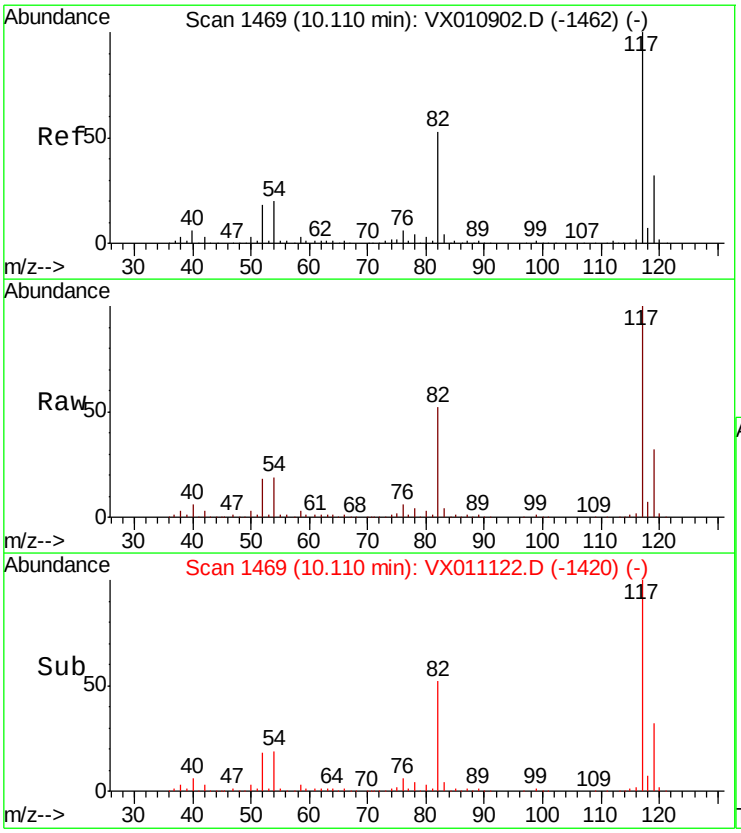
#62
4-Bromofluorobenzene
Concen: 49.038 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-A

Tgt Ion: 95 Resp: 135236

Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	180.6
176	88.6	0.0	173.8

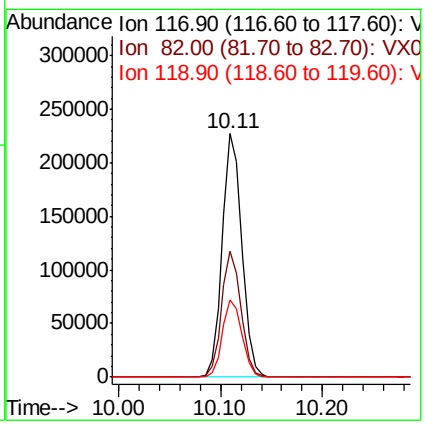


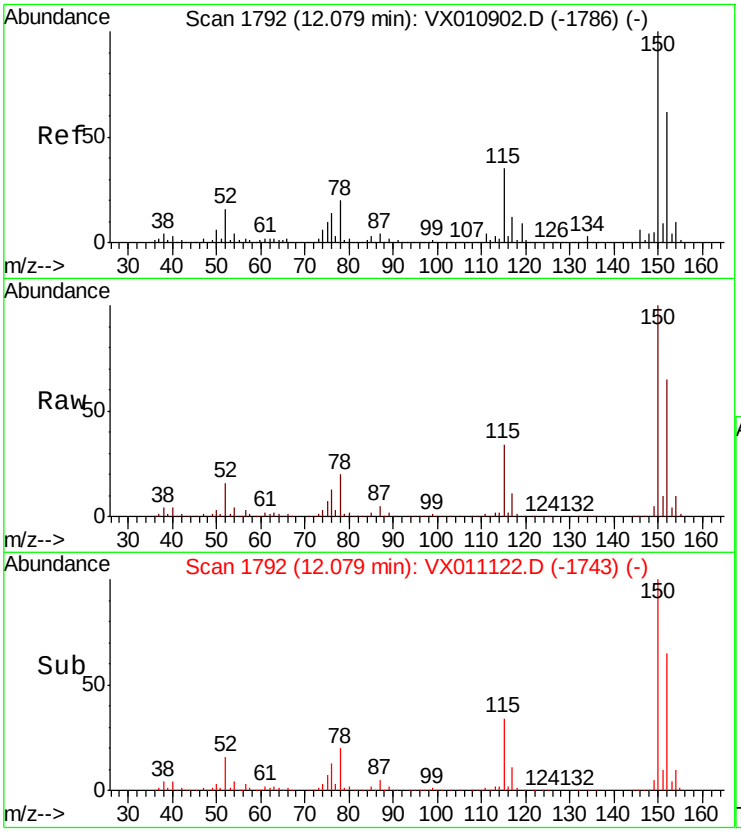


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Tgt Ion:117 Resp: 303393

Ion	Ratio	Lower	Upper
117	100		
82	51.5	42.6	63.8
119	31.6	25.9	38.9



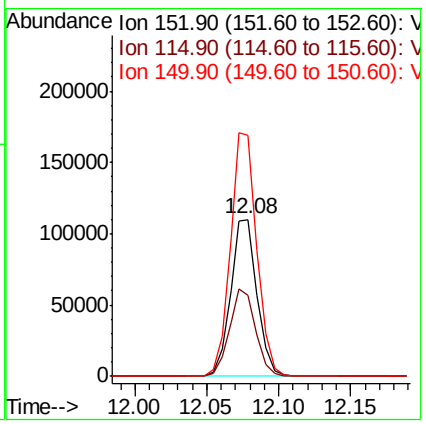


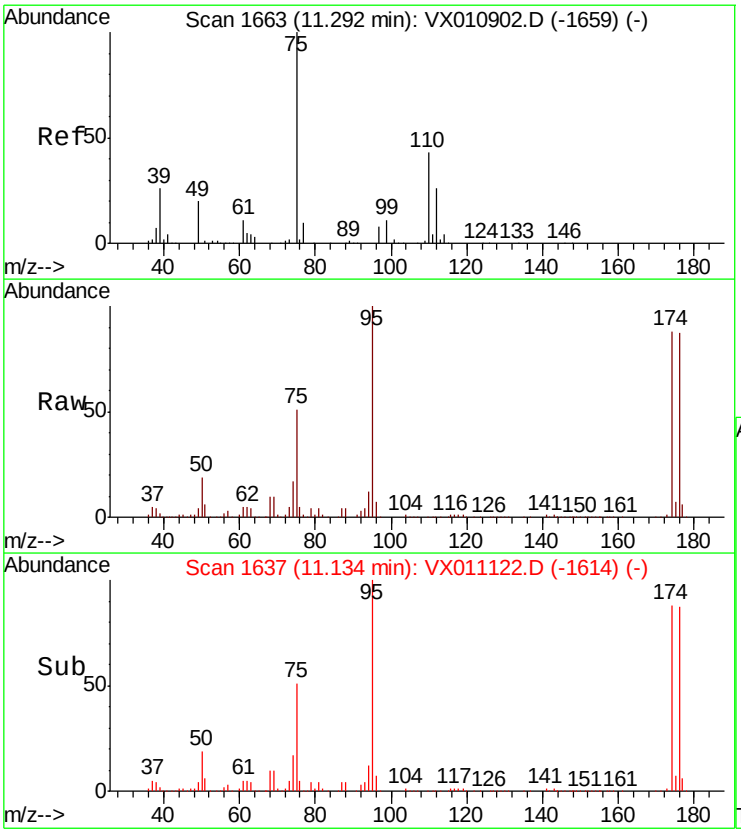
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-A

Tgt Ion:152 Resp: 140393

Ion	Ratio	Lower	Upper
152	100		
115	55.7	39.7	119.1
150	155.6	0.0	345.6

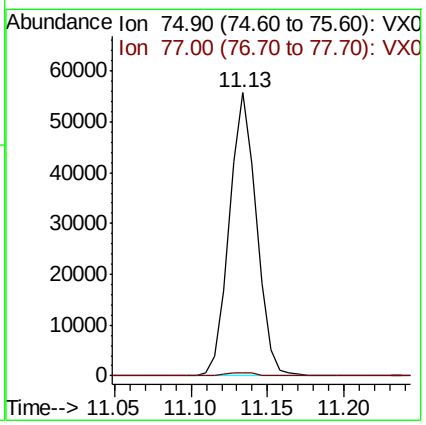


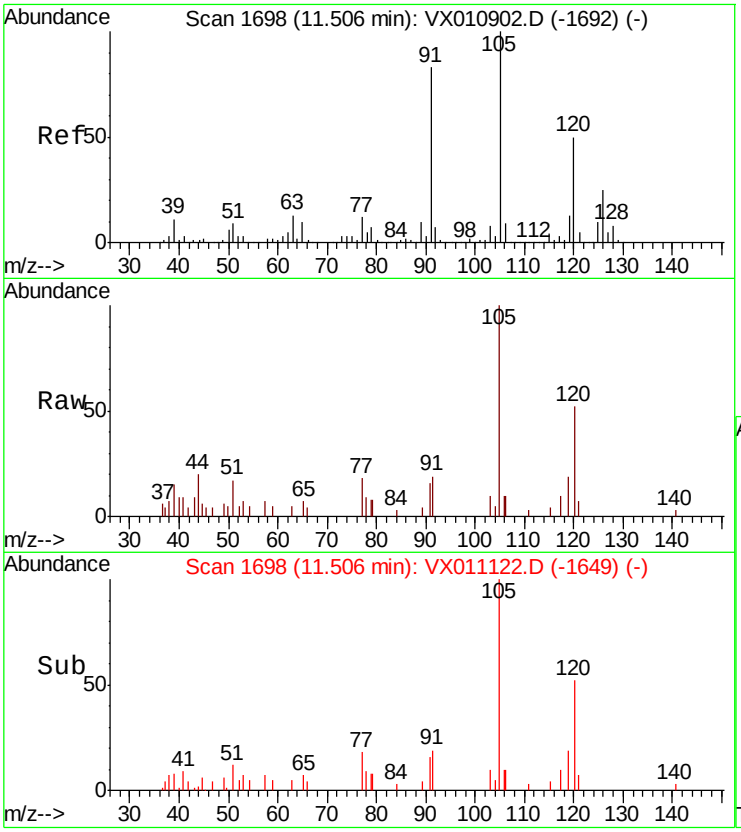


#76
1,2,3-Trichloropropane
Concen: 26.940 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Tgt Ion: 75 Resp: 68252

Ion	Ratio	Lower	Upper
75	100		
77	1.3	21.3	64.0#



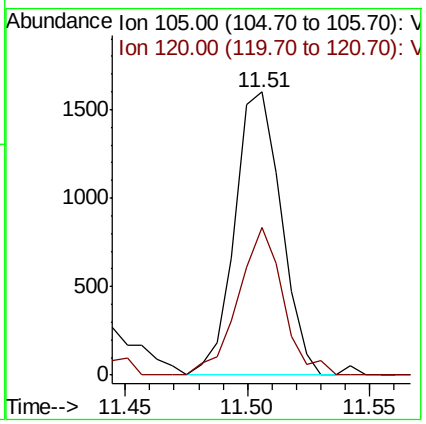


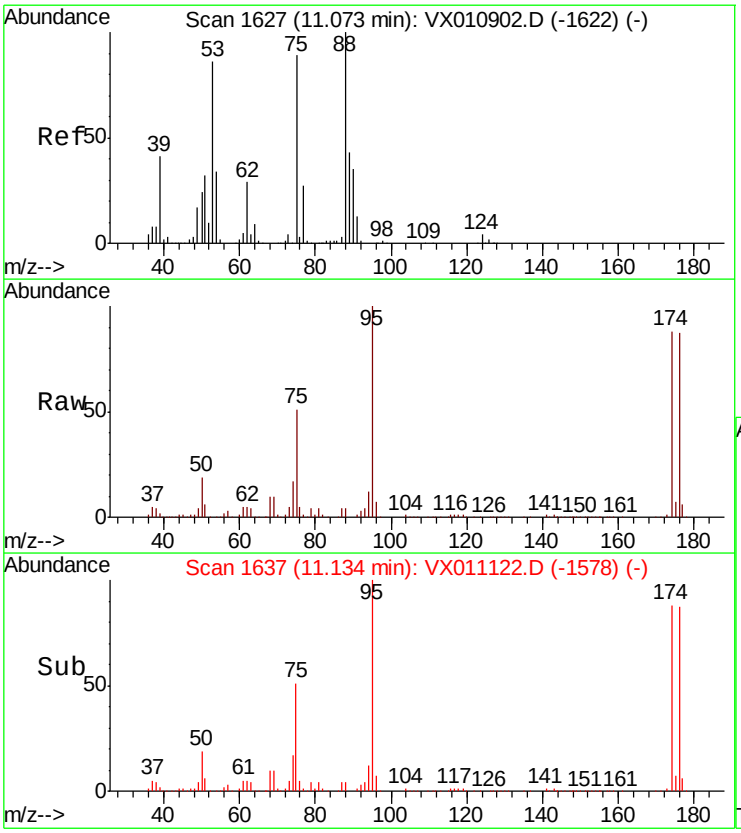
#80
1,3,5-Trimethylbenzene
Concen: 0.267 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-A

Tgt Ion:105 Resp: 2113

Ion	Ratio	Lower	Upper
105	100		
120	50.5	24.6	73.8

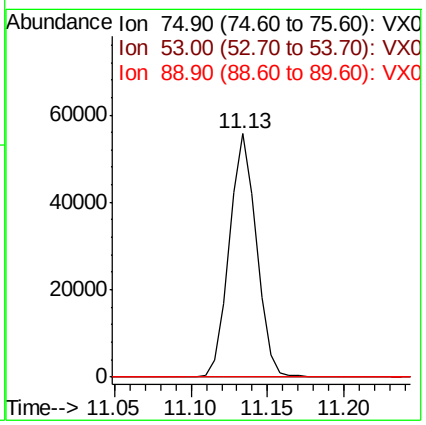


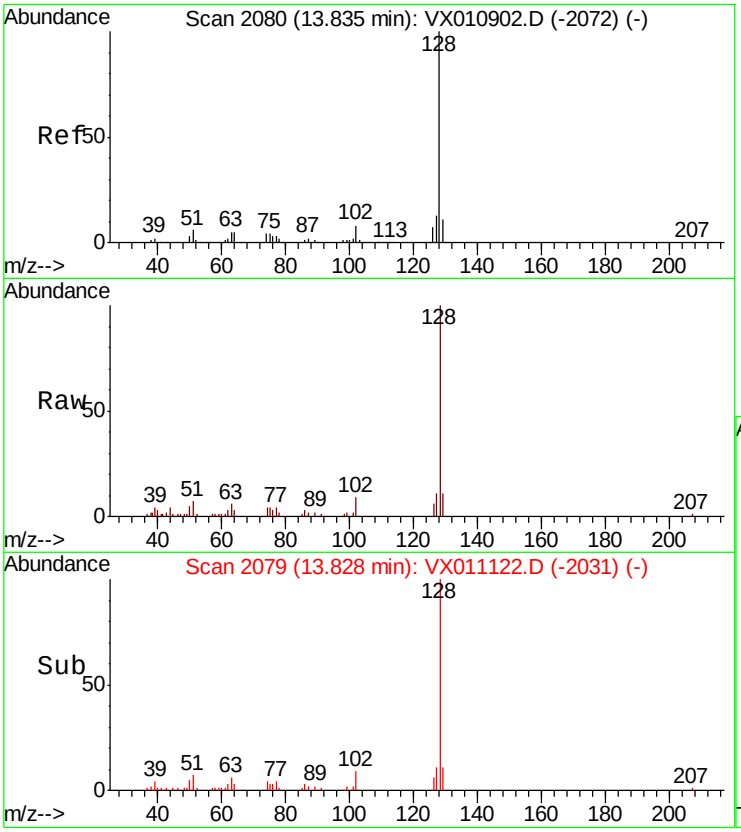


#81
trans-1,4-Dichloro-2-butene
Concen: 66.801 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Tgt Ion: 75 Resp: 68252

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





#95
Naphthalene
Concen: 0.990 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011122.D
Acq: 27 Jul 2019 04:40

Instrument :
MSVOA_X
ClientSampleId :
CL-02-072519-A

Tgt Ion:128 Resp: 8916

Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.4	15.6
129	11.4	8.9	13.3