Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052219\
Data File : VX009799.D
Acq On : 22 May 2019 13:13
Operator : JC/SP
Sample : K2970-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: May 23 07:14:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	173680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	279931	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107173	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118695	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.12%			
35) Dibromofluoromethane	5.50	113	86132	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.90%			
50) Toluene-d8	8.71	98	359168	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.10%			
62) 4-Bromofluorobenzene	11.13	95	118664	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.94%			
Target Compounds						Qvalue
5) Bromomethane	1.65	94	315	0.246	ug/l #	43
6) Chloroethane	1.73	64	327	0.239	ug/l #	78
11) Tert butyl alcohol	3.04	59	1681	3.063	ug/l #	74
13) Acrolein	2.29	56	279	0.561	ug/l	86
16) Acetone	2.45	43	20480	16.087	ug/l	94
17) Carbon Disulfide	2.57	76	1533	0.335	ug/l #	79
18) Methyl Acetate	2.78	43	4803	1.586	ug/l	98
20) Methylene Chloride	2.86	84	61731	29.947	ug/l	98
25) 2-Butanone	4.68	43	13176	6.660	ug/l	99
28) Bromochloromethane	5.02	49	64	Below Cal	#	20
29) Tetrahydrofuran	5.15	42	1470	1.155	ug/l #	71
30) Chloroform	5.22	83	789	0.232	ug/l	92
31) Cyclohexane	5.66	56	3935	1.123	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	13981	5.374	ug/l #	42
37) Ethyl Acetate	4.68	43	13176	3.635	ug/l #	70
38) Carbon Tetrachloride	5.66	117	16263	6.881	ug/l #	15
43) Isopropyl Acetate	6.45	43	11411	1.968	ug/l	100
48) Methyl methacrylate	7.68	41	8529	2.965	ug/l #	29
49) 1,4-Dioxane	7.76	88	20	0.343	ug/l #	20
51) 4-Methyl-2-Pentanone	8.61	43	78689	20.765	ug/l #	51
54) cis-1,3-Dichloropropene	8.61	75	32956	9.987	ug/l #	63
57) 1,3-Dichloropropane	9.54	76	6940	1.975	ug/l #	43
59) 2-Hexanone	9.54	43	114539	38.485	ug/l #	51
68) m/p-Xylenes	10.36	106	690	0.204	ug/l	78
76) 1,2,3-Trichloropropane	11.13	75	61924	24.909	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.51	105	1774	0.270	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.13	75	61924	63.733	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	4429	0.672	ug/l	98
95) Naphthalene	13.83	128	10858	1.390	ug/l	99

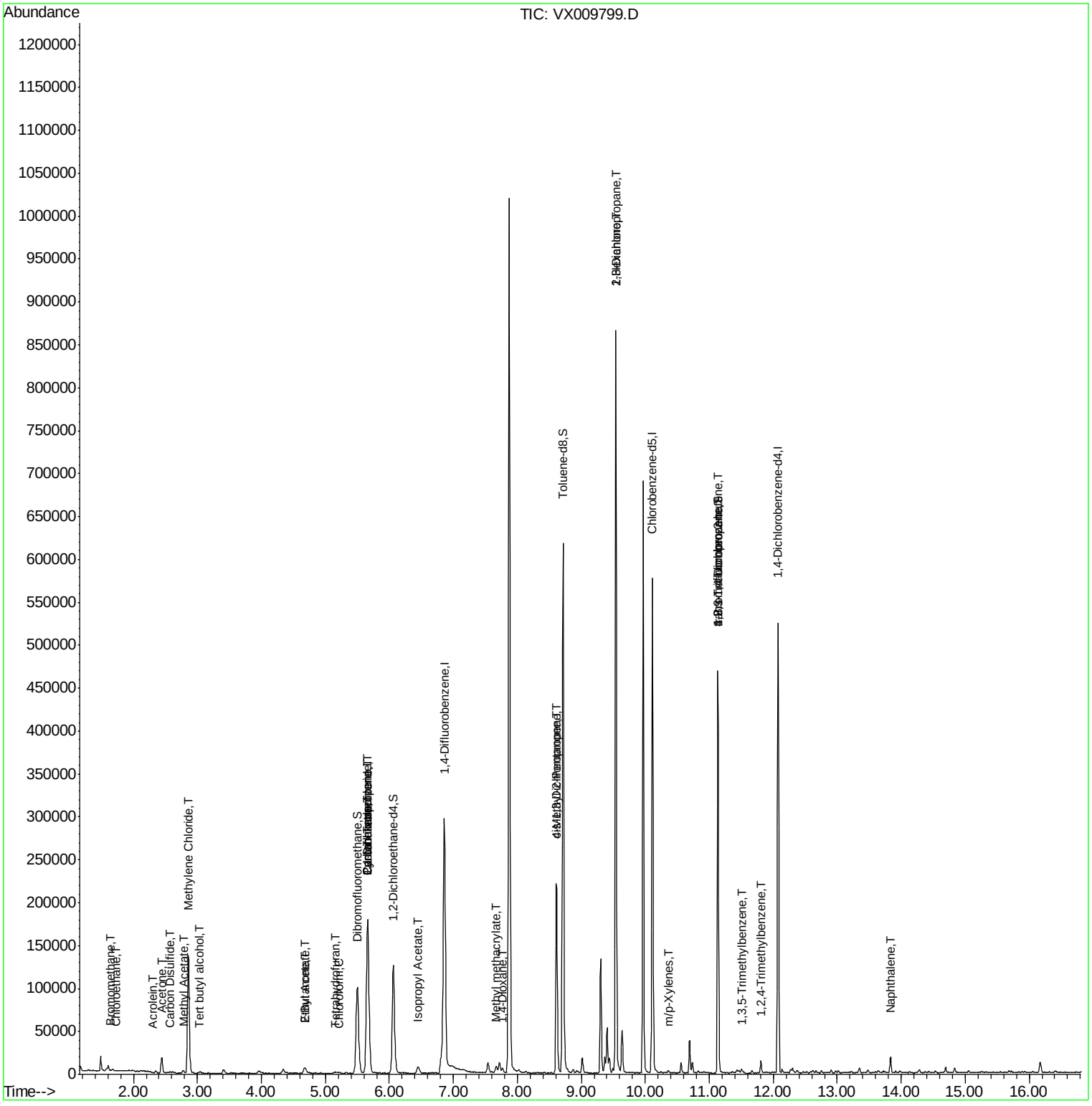
(#) = qualifier out of range (m) = manual integration (+) = signals summed

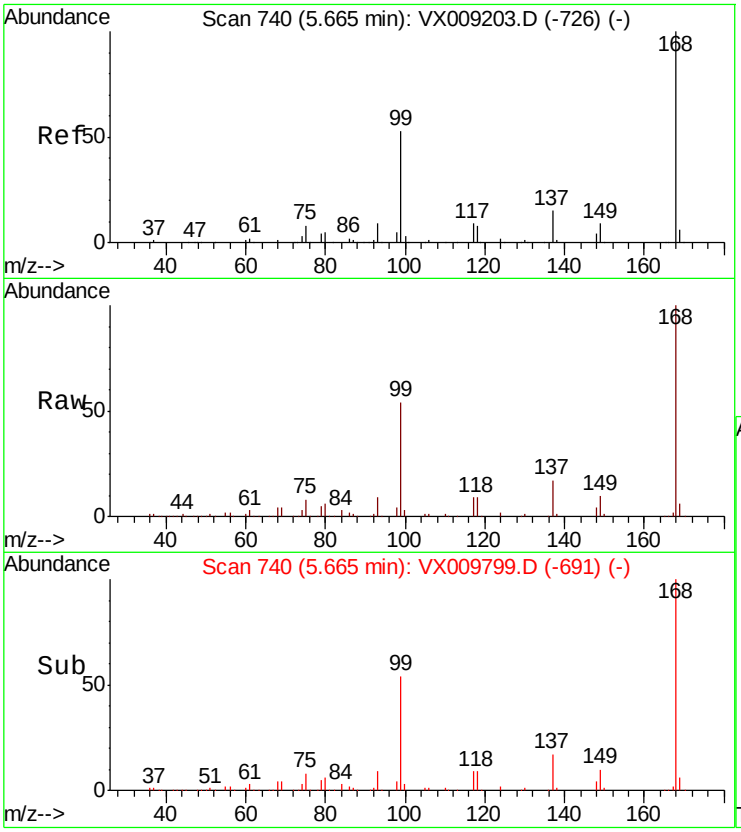
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052219\
Data File : VX009799.D
Acq On : 22 May 2019 13:13
Operator : JC/SP
Sample : K2970-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 23 07:14:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration



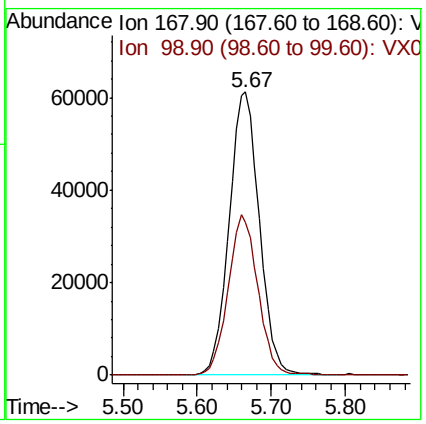


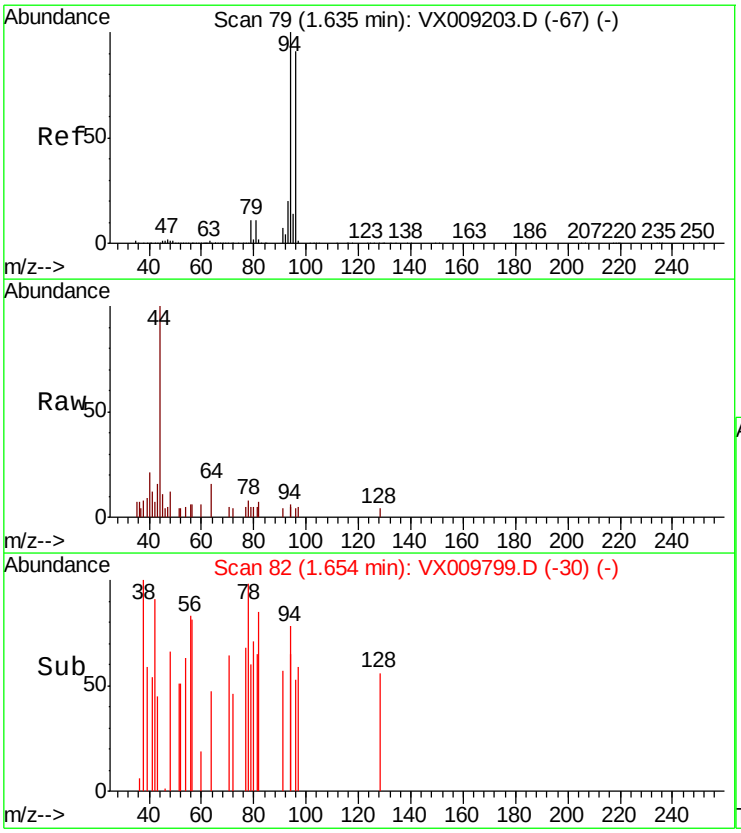
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 173680

Ion	Ratio	Lower	Upper
168	100		
99	53.9	42.3	63.5

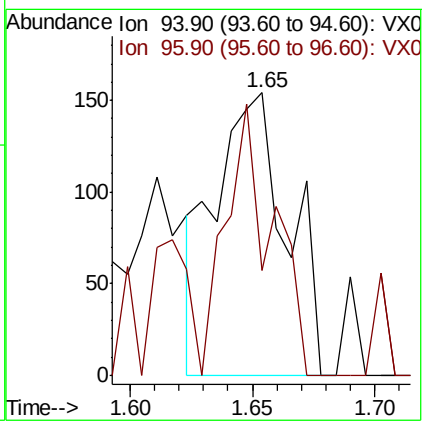


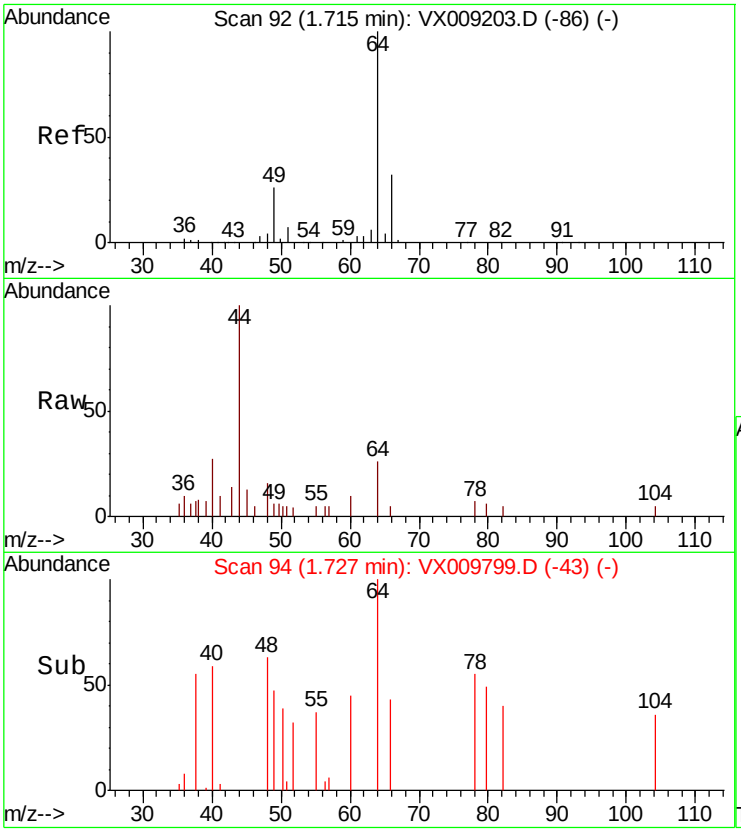


#5
Bromomethane
Concen: 0.246 ug/l
RT: 1.65 min Scan# 82
Delta R.T. 0.02 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Tgt Ion: 94 Resp: 315

Ion	Ratio	Lower	Upper
94	100		
96	37.0	73.0	109.6#



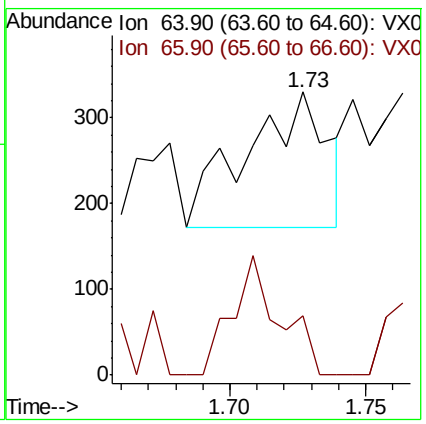


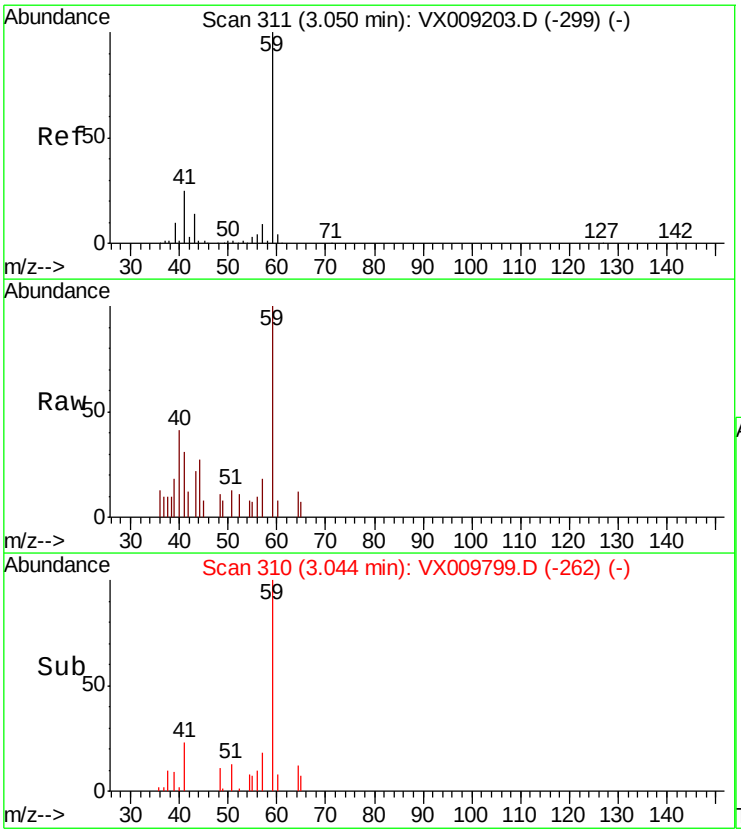
#6
Chloroethane
Concen: 0.239 ug/l
RT: 1.73 min Scan# 94
Delta R.T. 0.01 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 327

Ion	Ratio	Lower	Upper
64	100		
66	43.7	25.3	37.9#

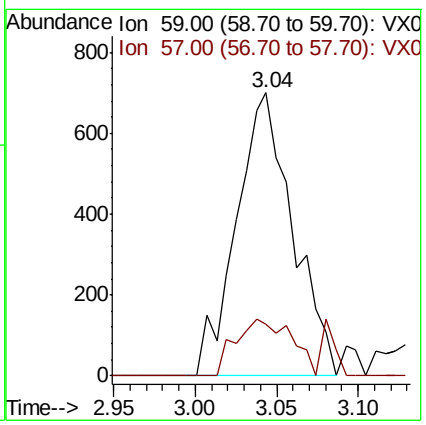


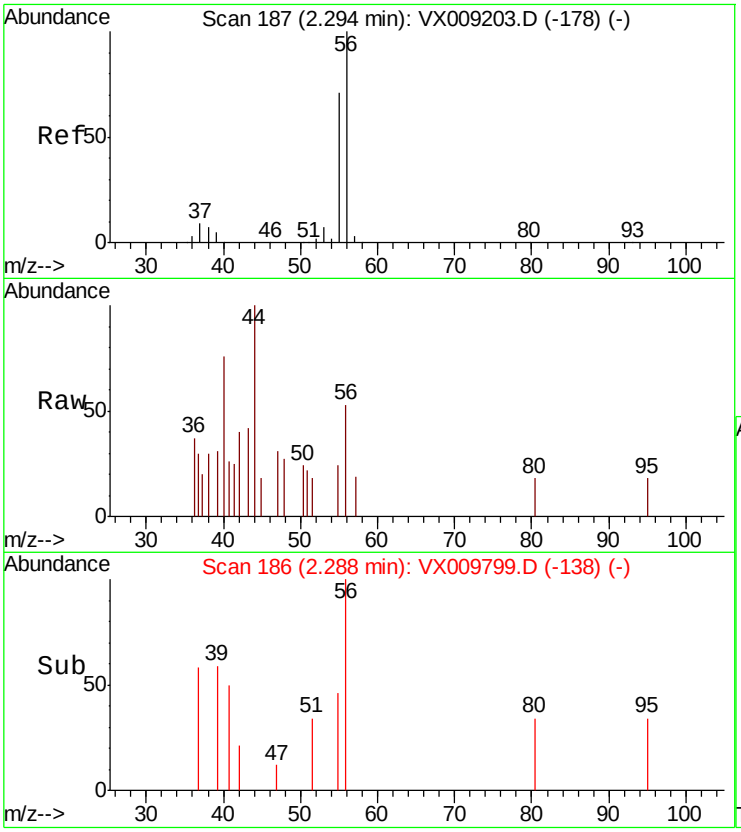


#11
Tert butyl alcohol
Concen: 3.063 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Tgt Ion: 59 Resp: 1681

Ion	Ratio	Lower	Upper
59	100		
57	20.0	8.2	12.2#



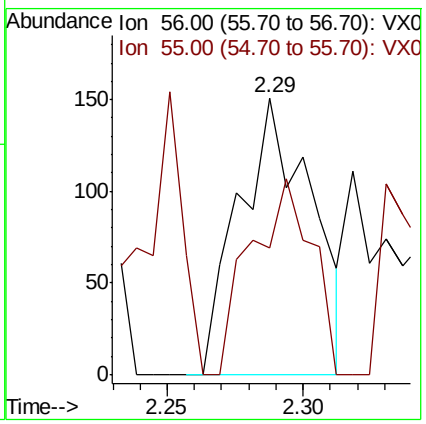


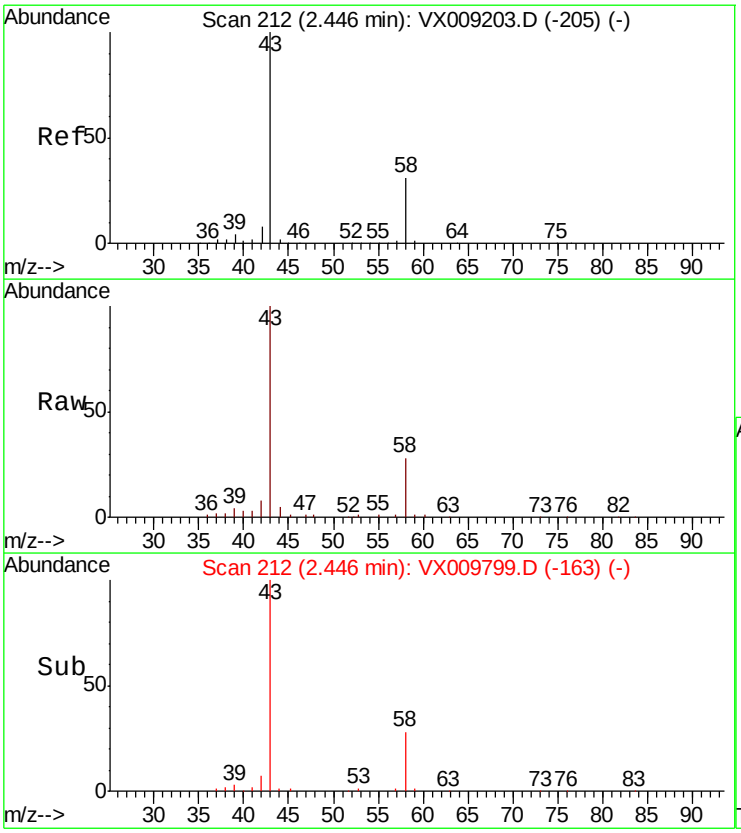
#13
Acrolein
Concen: 0.561 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 279

Ion	Ratio	Lower	Upper
56	100		
55	59.5	56.6	85.0

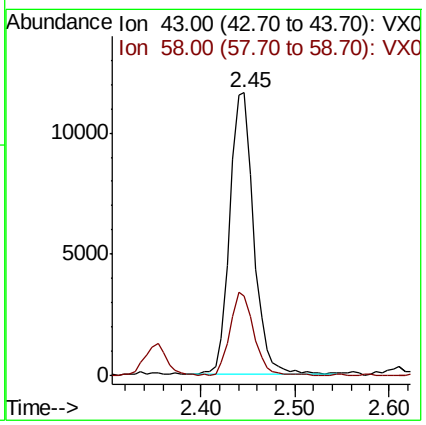


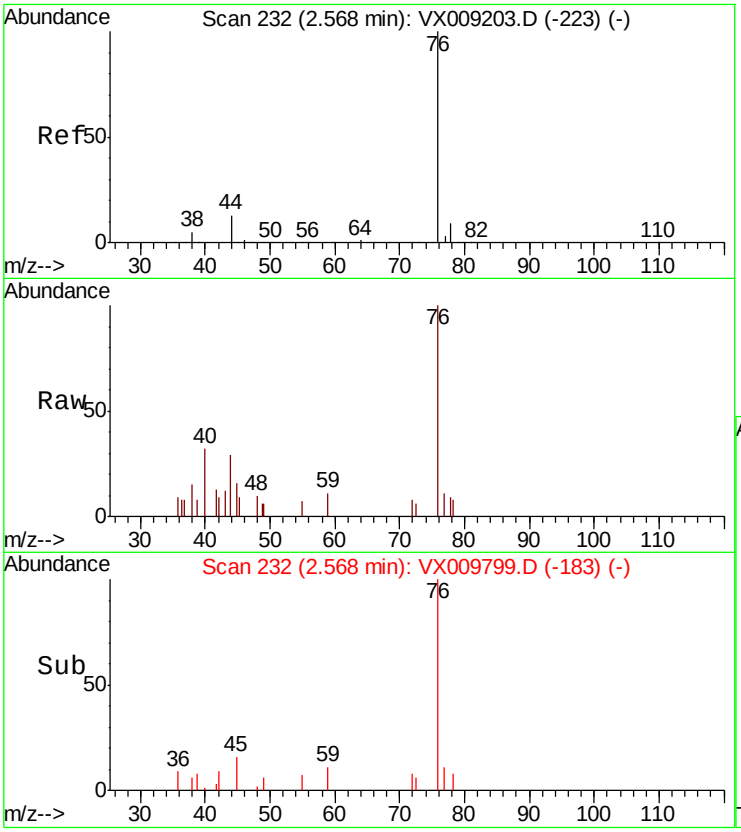


#16
Acetone
Concen: 16.087 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Tgt Ion: 43 Resp: 20480

Ion	Ratio	Lower	Upper
43	100		
58	27.7	24.9	37.3



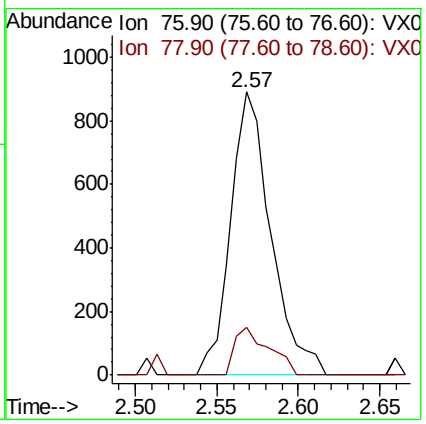


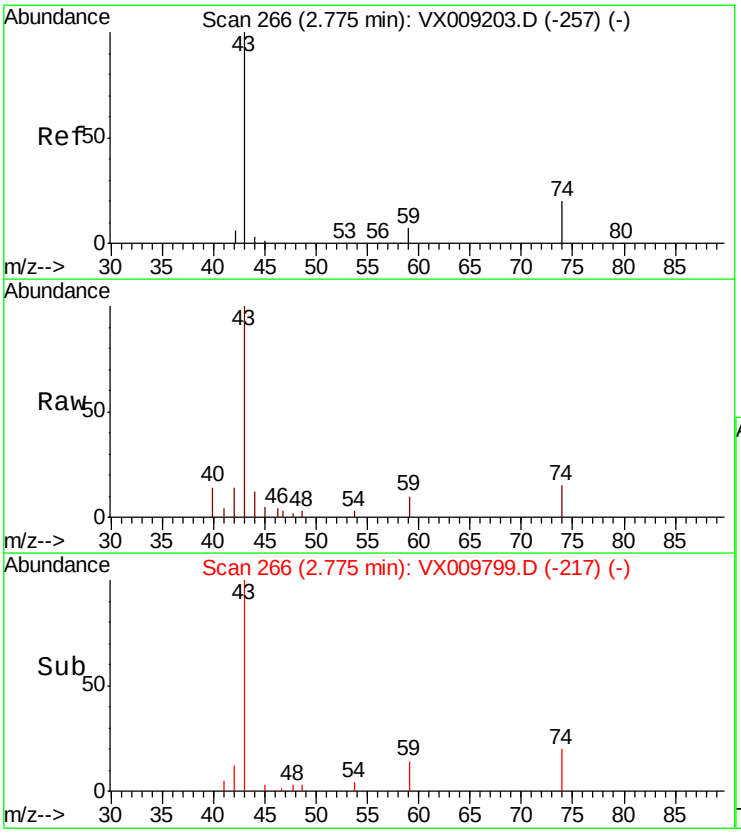
#17
Carbon Disulfide
Concen: 0.335 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 1533

Ion	Ratio	Lower	Upper
76	100		
78	16.9	7.4	11.0#

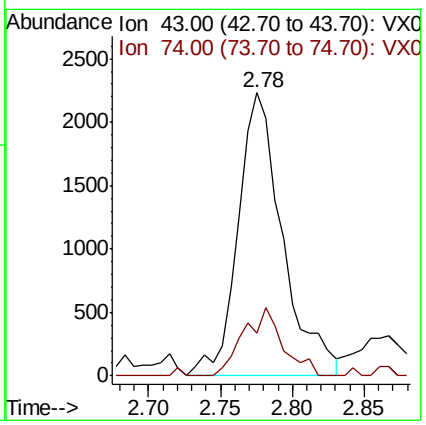


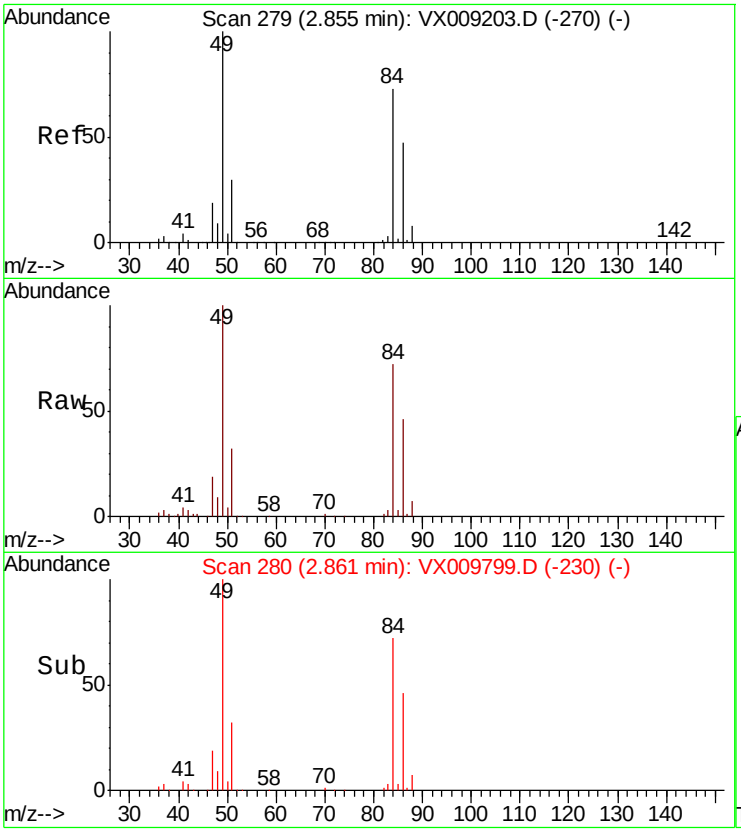


#18
Methyl Acetate
Concen: 1.586 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Tgt Ion: 43 Resp: 4803

Ion	Ratio	Lower	Upper
43	100		
74	21.3	16.2	24.4



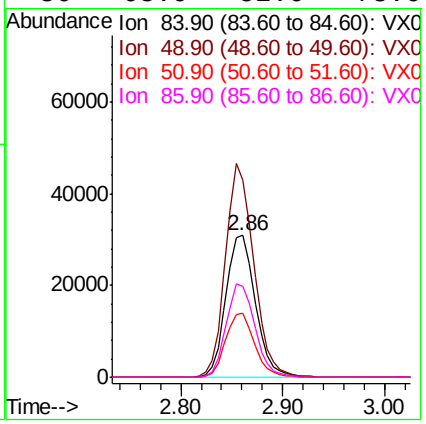


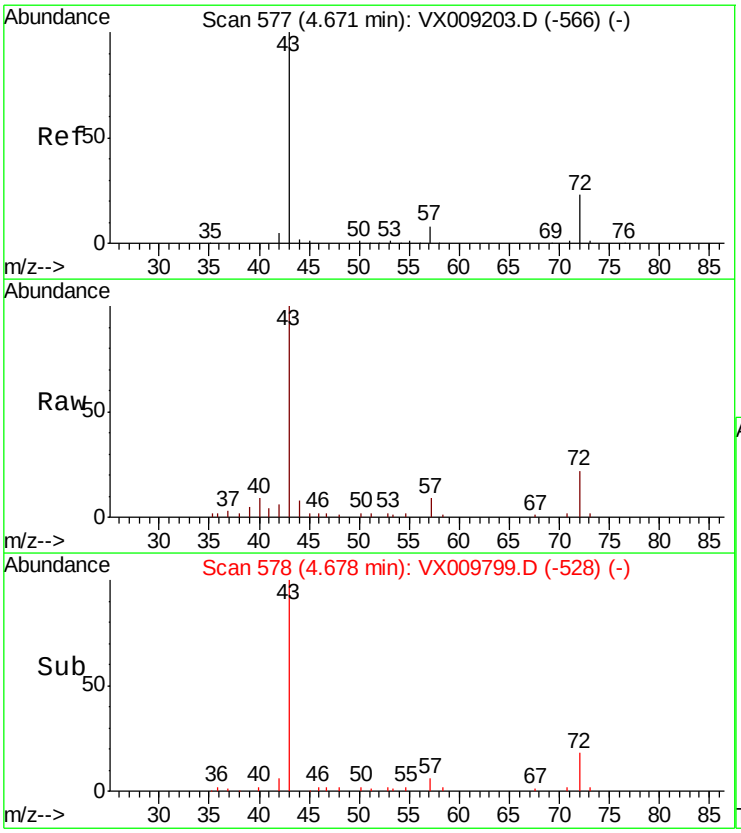
#20
Methylene Chloride
Concen: 29.947 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 61731

Ion	Ratio	Lower	Upper
84	100		
49	139.2	109.9	164.9
51	44.9	32.7	49.1
86	63.9	52.0	78.0

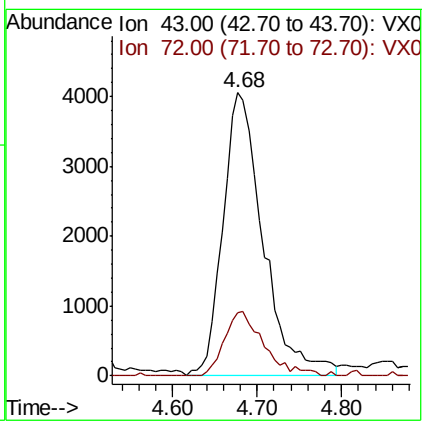


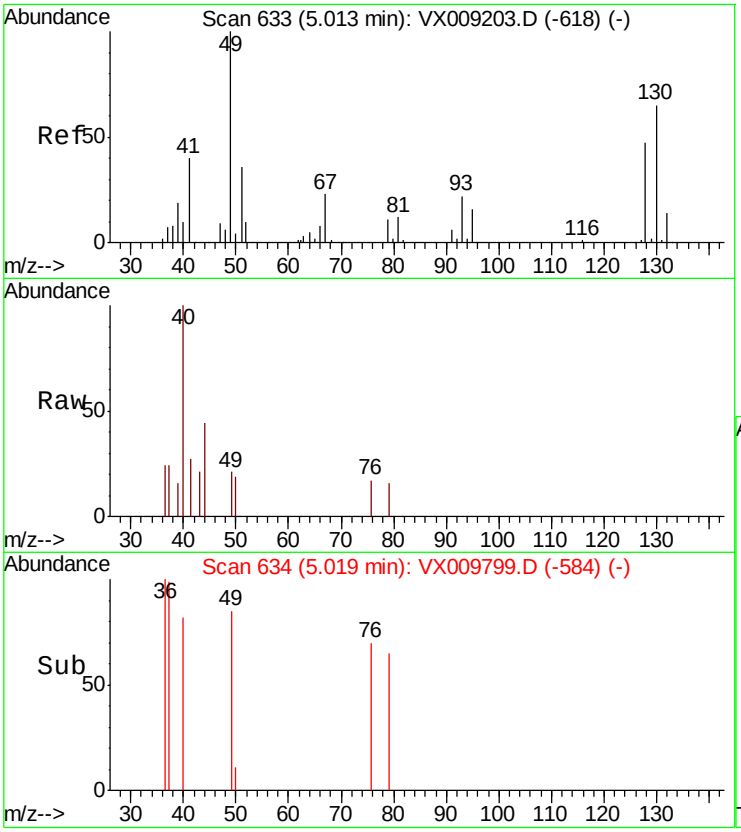


#25
2-Butanone
Concen: 6.660 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Tgt Ion: 43 Resp: 13176

Ion	Ratio	Lower	Upper
43	100		
72	22.2	18.2	27.2



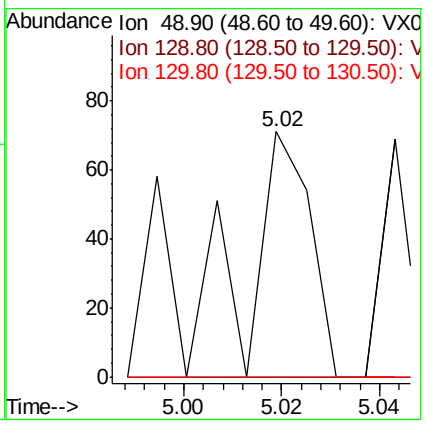


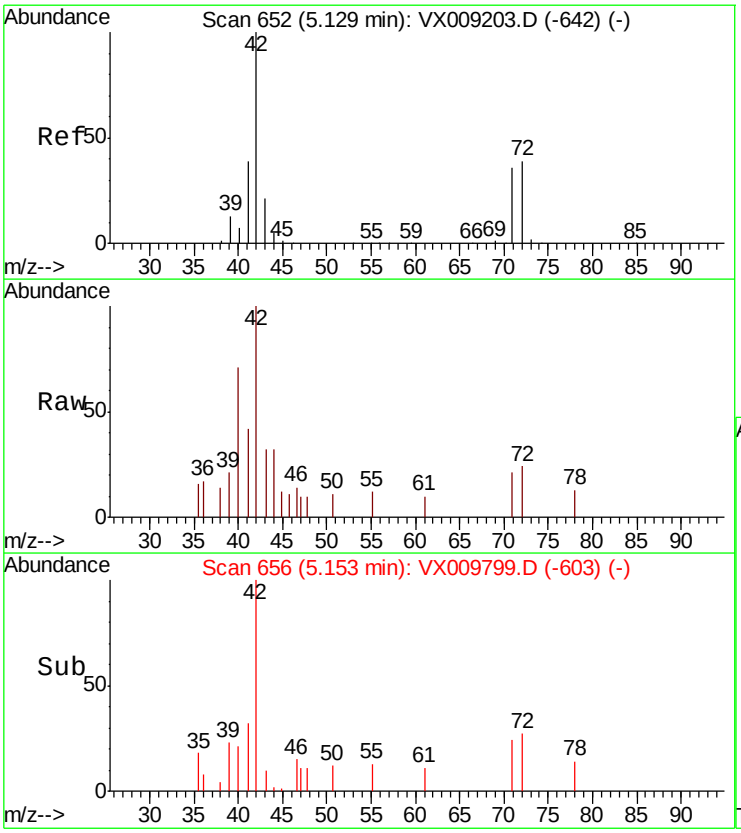
#28
Bromochloromethane
Concen: Below Cal
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 49 Resp: 64

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	51.2	76.8#

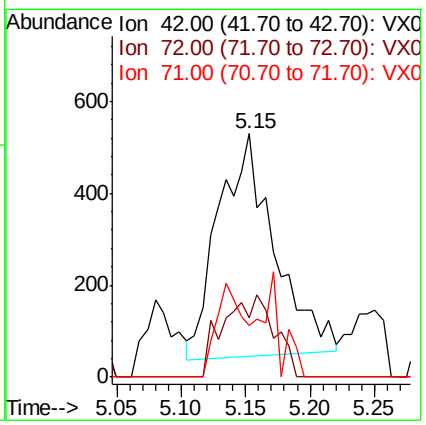


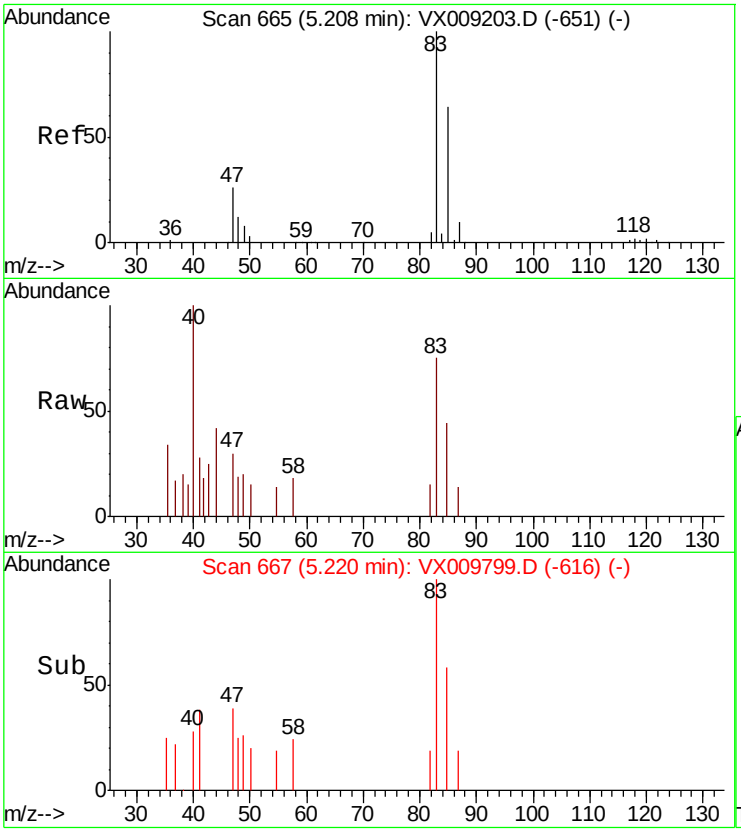


#29
Tetrahydrofuran
Concen: 1.155 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.02 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Tgt Ion: 42 Resp: 1470

Ion	Ratio	Lower	Upper
42	100		
72	19.1	30.4	45.6#
71	20.7	28.6	43.0#



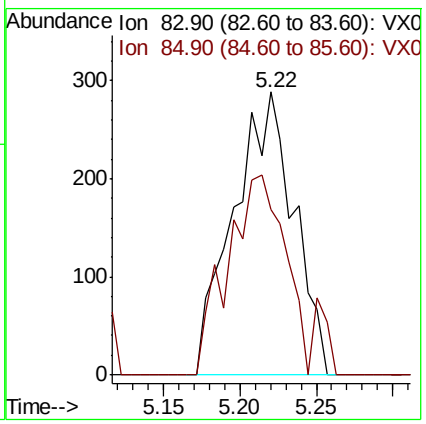


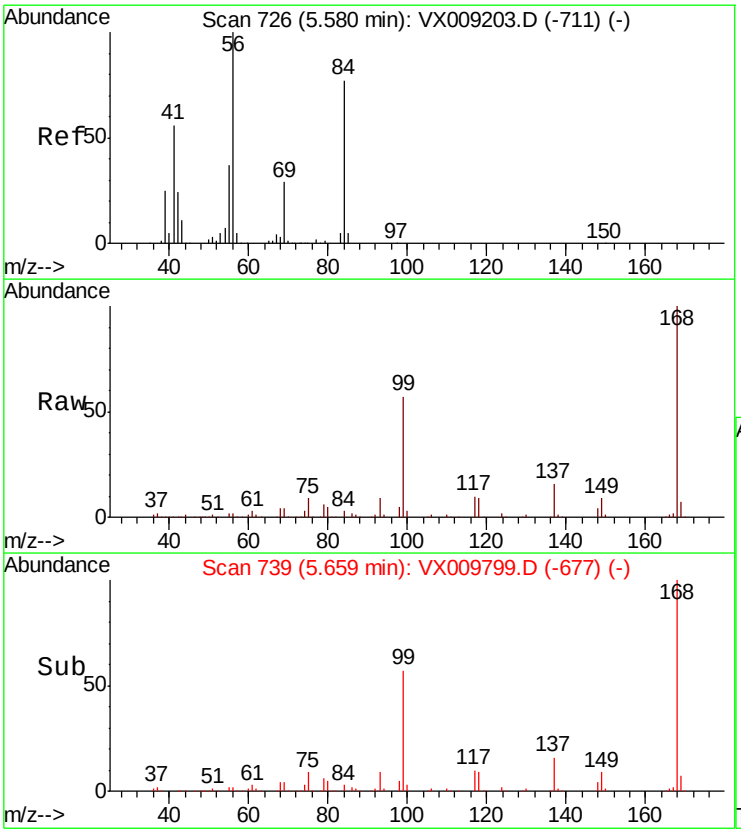
#30
Chloroform
Concen: 0.232 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 789

Ion	Ratio	Lower	Upper
83	100		
85	58.3	51.5	77.3

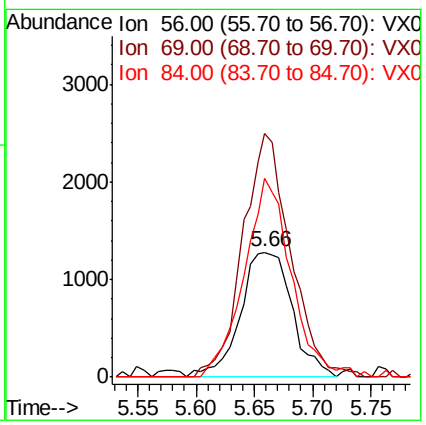


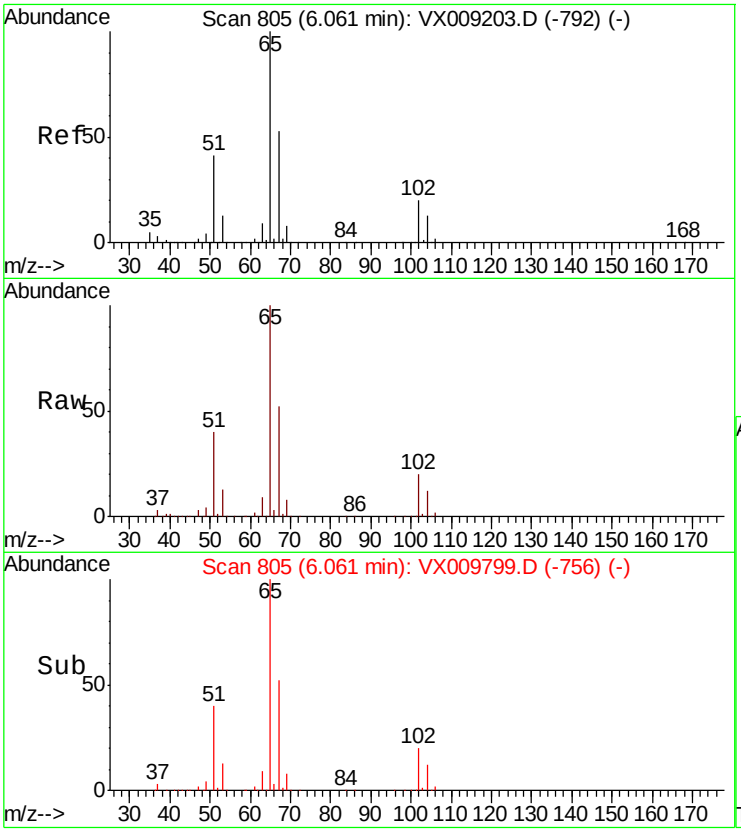


#31
Cyclohexane
Concen: 1.123 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Tgt Ion: 56 Resp: 3935

Ion	Ratio	Lower	Upper
56	100		
69	195.5	23.4	35.0#
84	159.1	61.9	92.9#



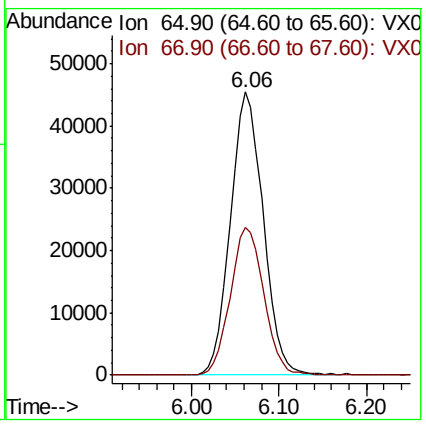


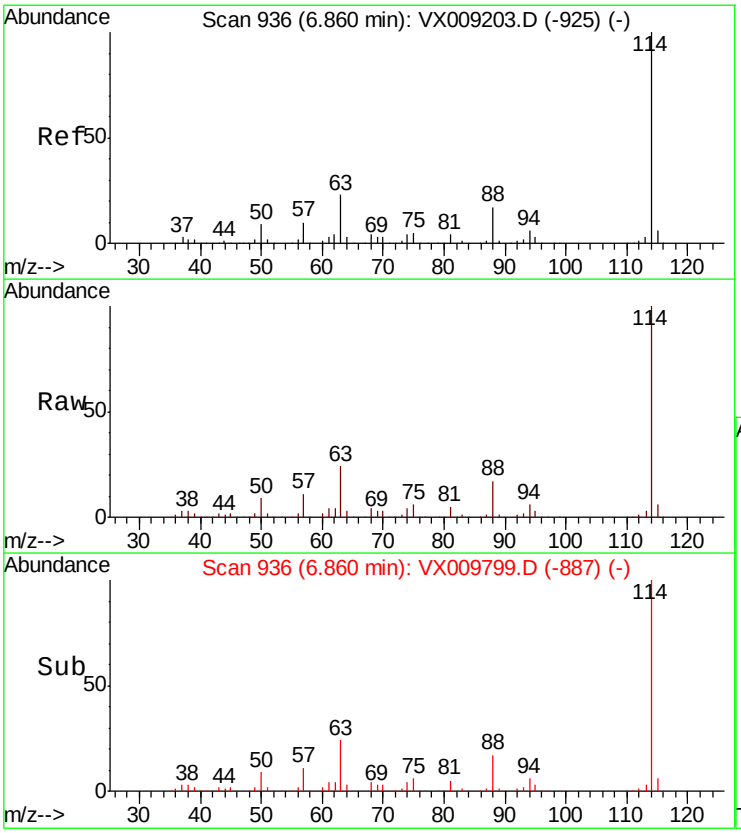
#33
1,2-Dichloroethane-d4
Concen: 50.062 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 118695

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	106.6

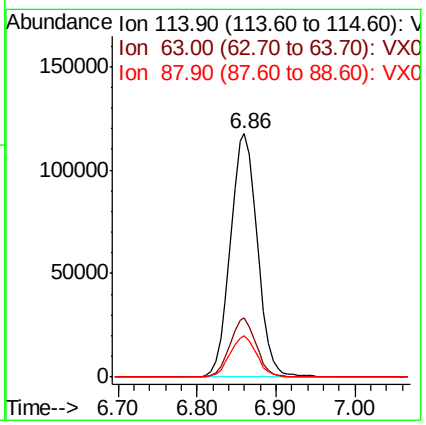


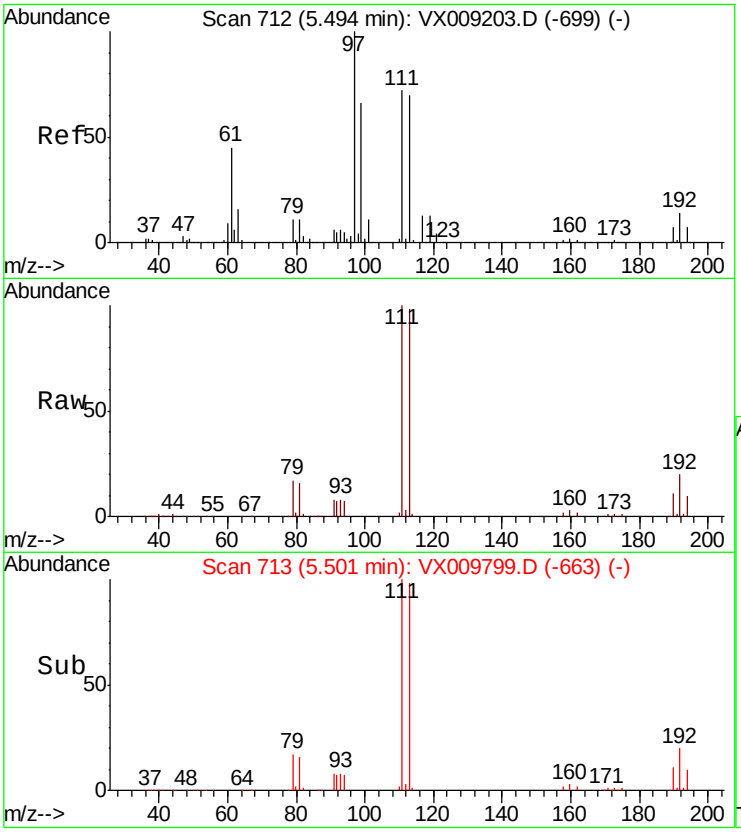


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Tgt Ion:114 Resp: 279931

Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	45.6
88	17.1	0.0	33.2



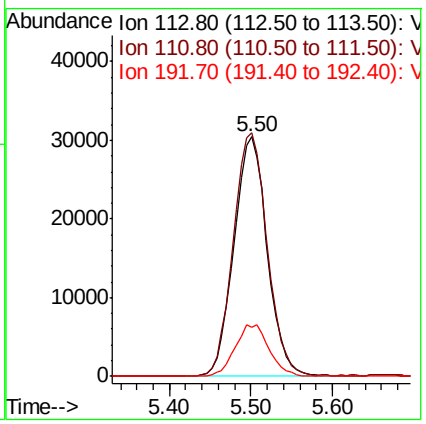


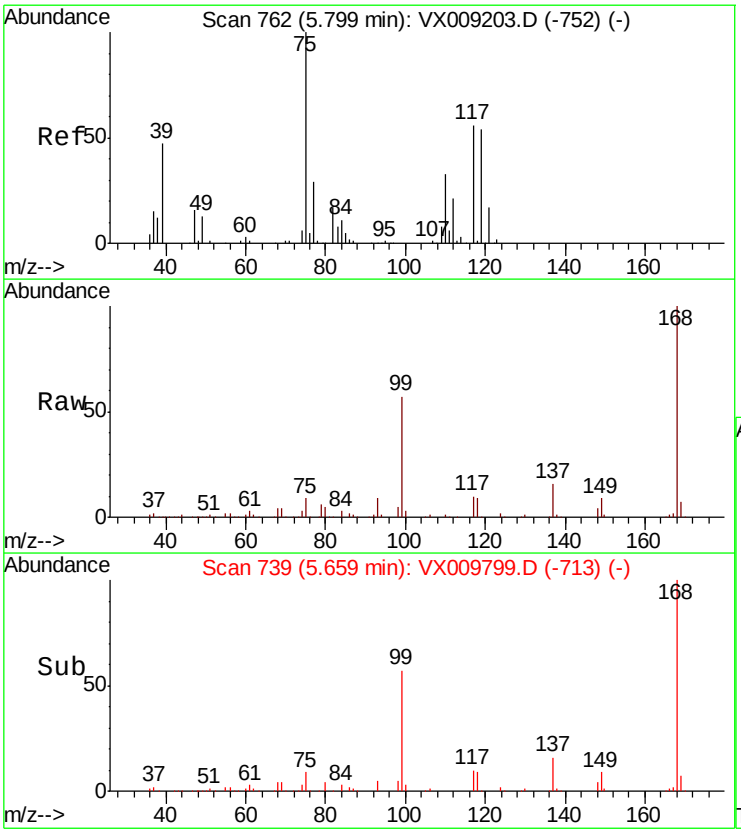
#35
Dibromofluoromethane
Concen: 48.945 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 86132

Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.8	124.2
192	22.0	17.0	25.6

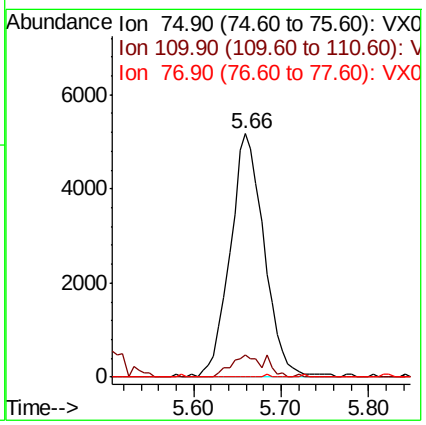


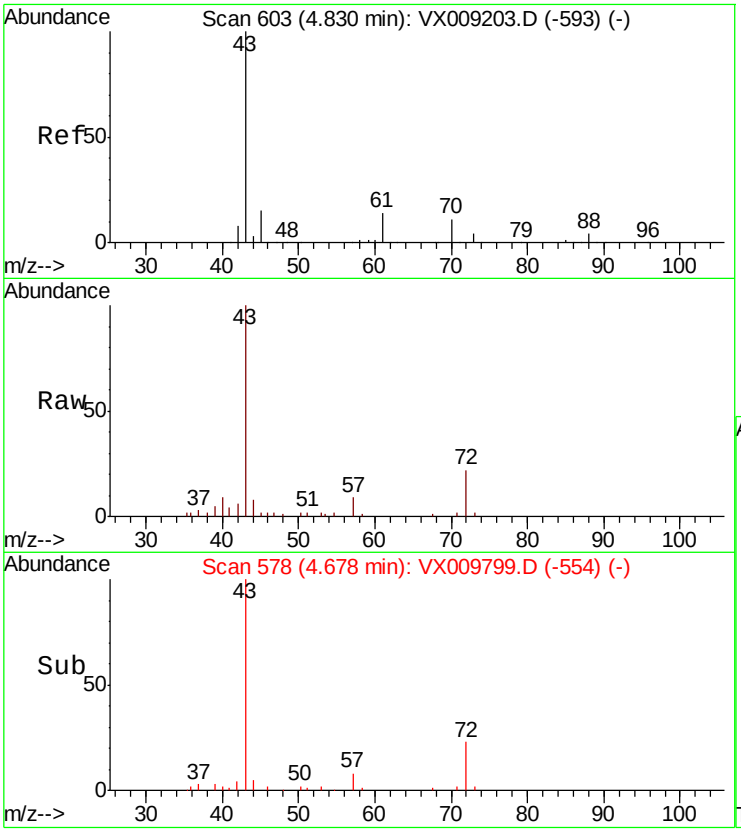


#36
1,1-Dichloropropene
Concen: 5.374 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Tgt Ion: 75 Resp: 13981

Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.9	50.6#
77	0.0	24.8	37.2#



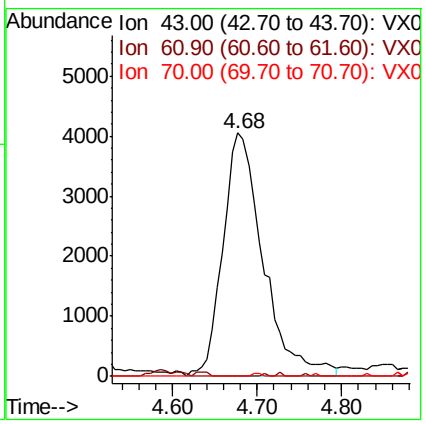


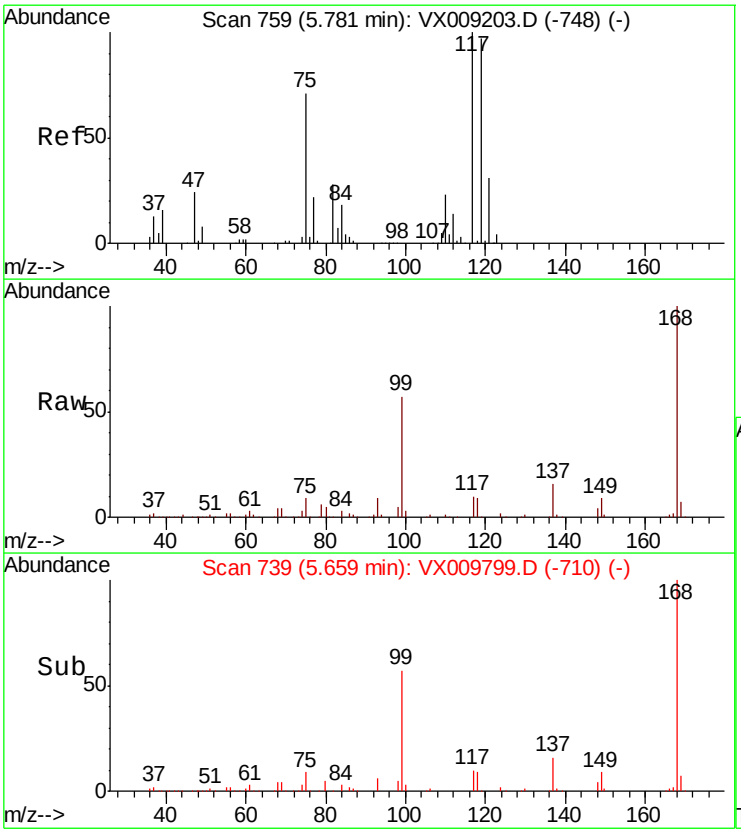
#37
Ethyl Acetate
Concen: 3.635 ug/l
RT: 4.68 min Scan# 578
Delta R.T. -0.15 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 13176

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.5	15.7#
70	0.0	7.9	11.9#

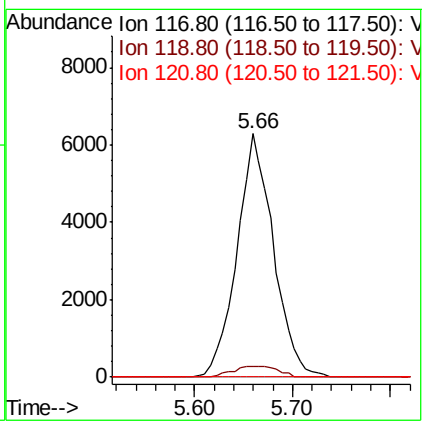


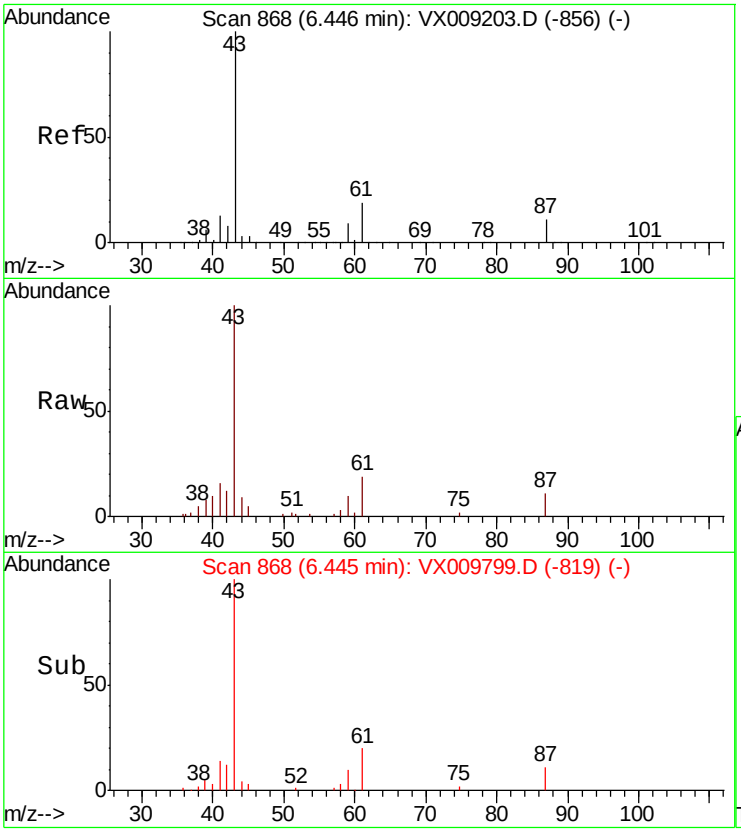


#38
Carbon Tetrachloride
Concen: 6.881 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Tgt Ion:117 Resp: 16263

Ion	Ratio	Lower	Upper
117	100		
119	4.5	77.5	116.3#
121	0.0	24.7	37.1#



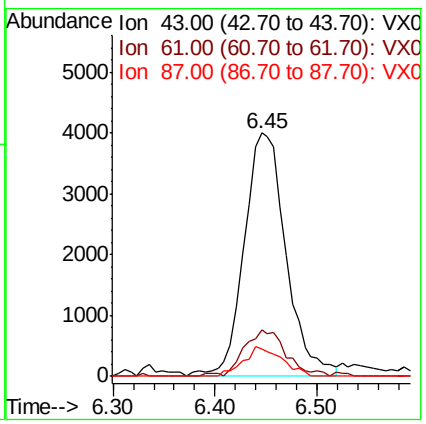


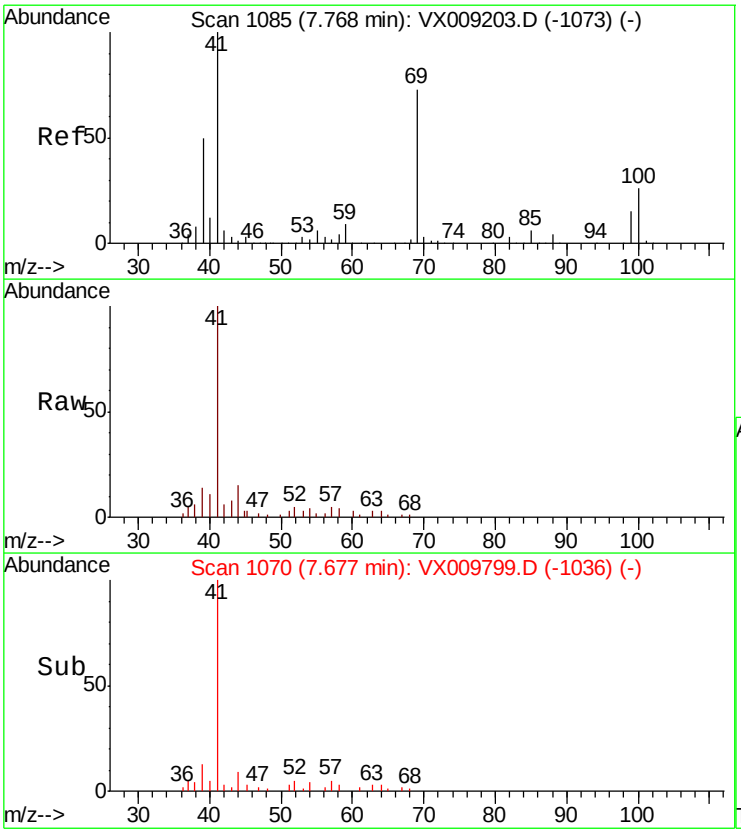
#43
Isopropyl Acetate
Concen: 1.968 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 11411

Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.1	22.7
87	11.1	9.0	13.6

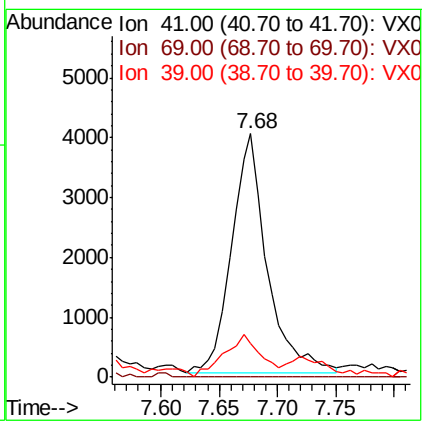


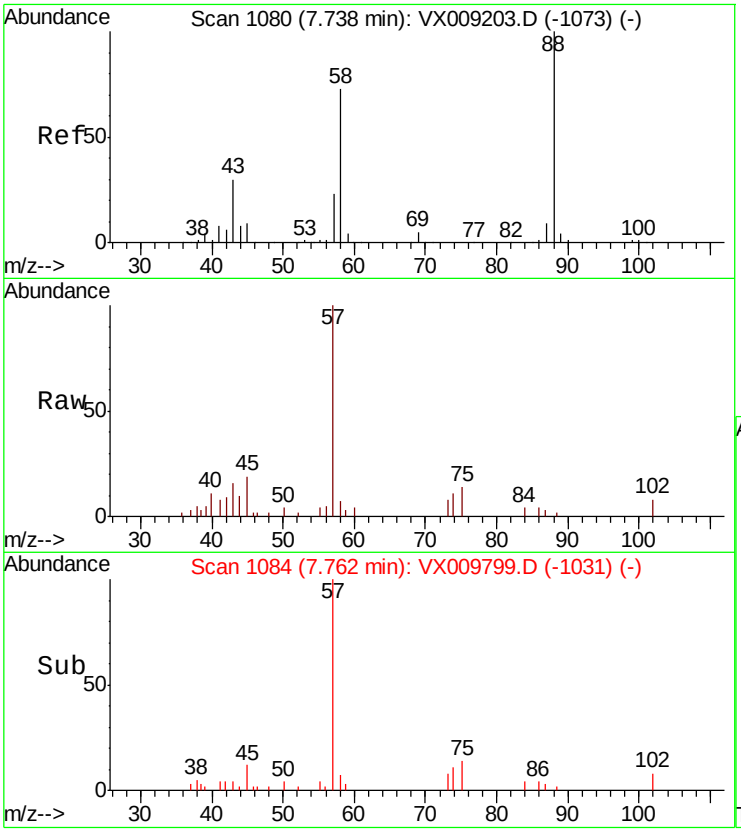


#48
Methyl methacrylate
Concen: 2.965 ug/l
RT: 7.68 min Scan# 1070
Delta R.T. -0.09 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Tgt Ion: 41 Resp: 8529

Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.1	88.7#
39	18.3	40.4	60.6#



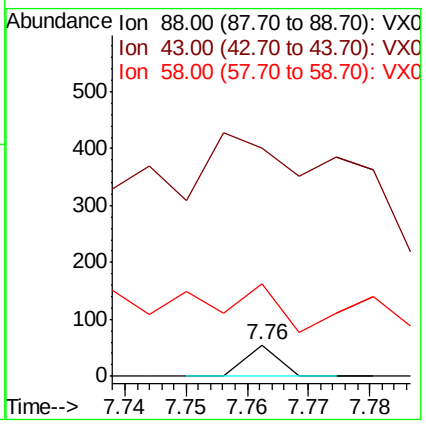


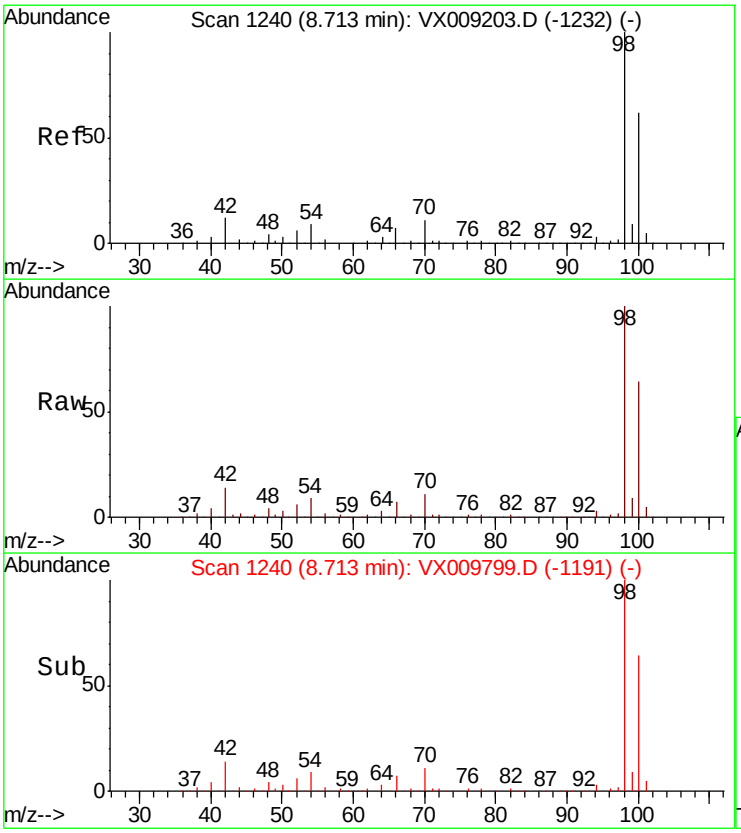
#49
1,4-Dioxane
Concen: 0.343 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.02 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.6	42.8#
58	0.0	61.7	92.5#

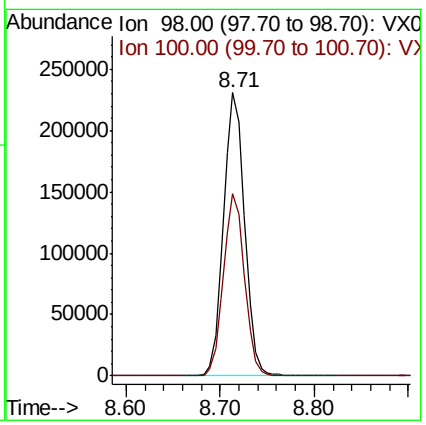


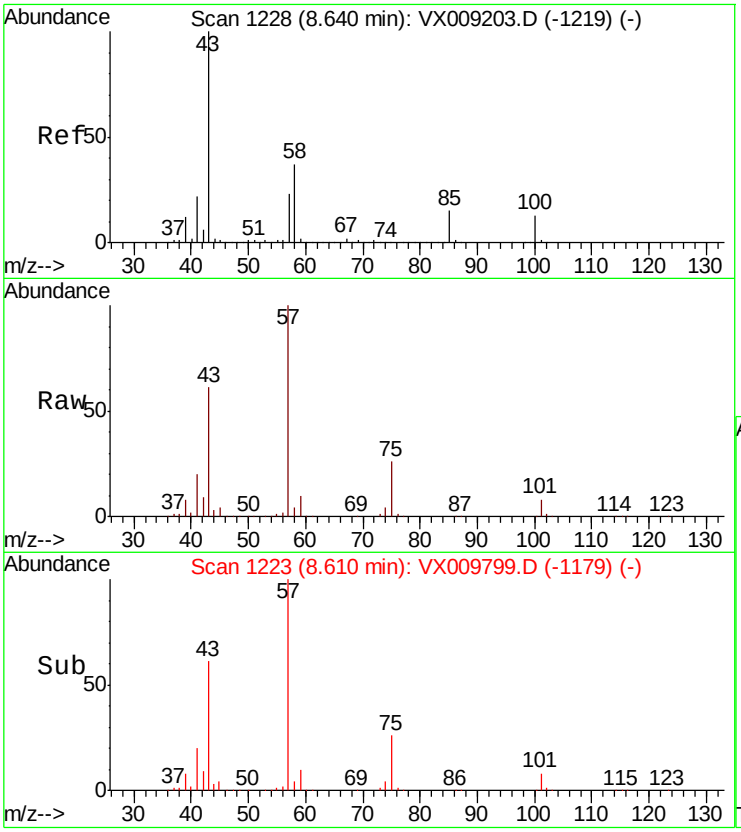


#50
Toluene-d8
Concen: 50.554 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Tgt Ion: 98 Resp: 359168

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.2	76.8



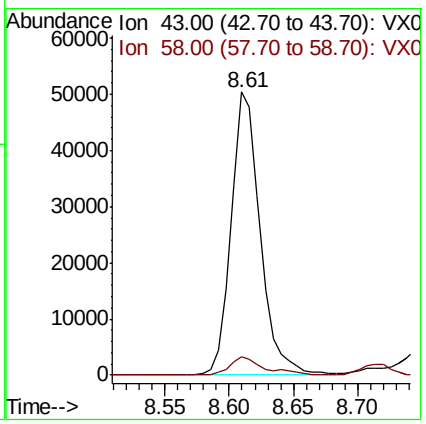


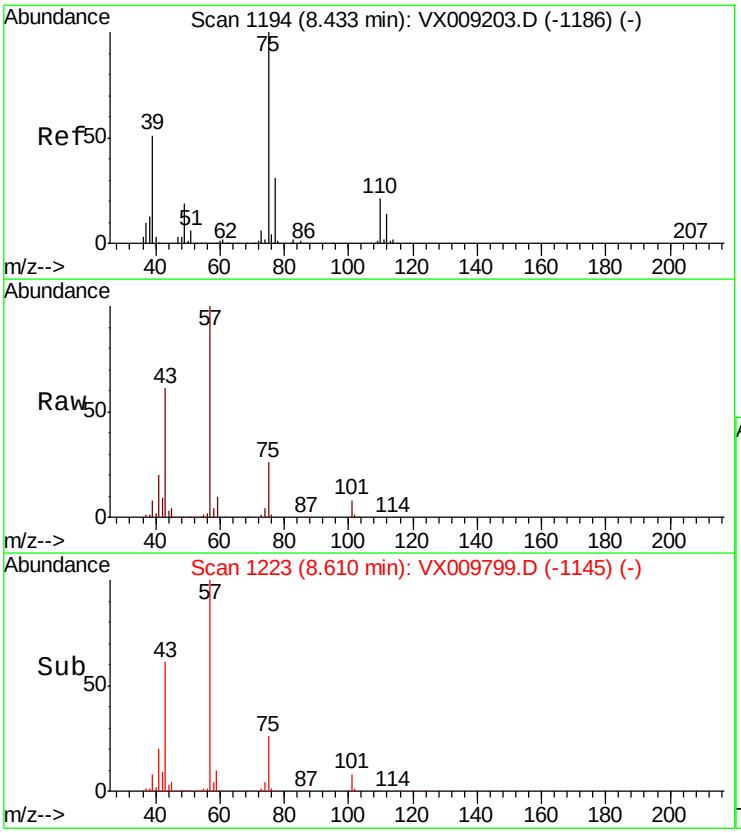
#51
4-Methyl-2-Pentanone
Concen: 20.765 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 78689

Ion	Ratio	Lower	Upper
43	100		
58	7.9	29.5	44.3#

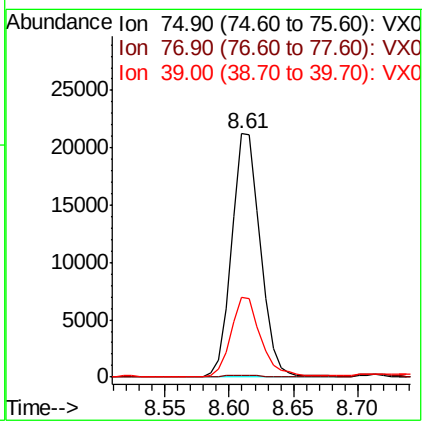


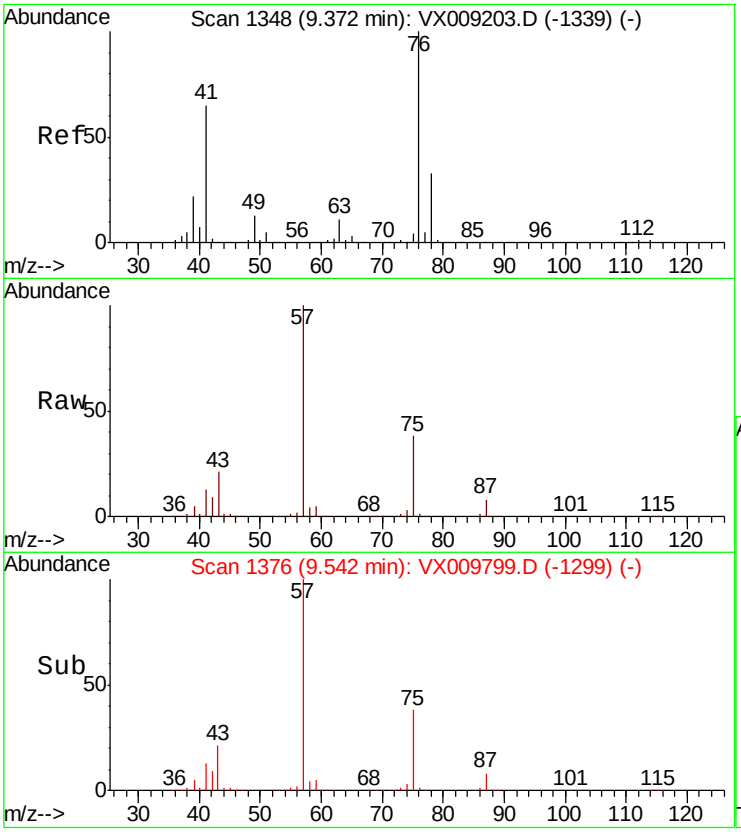


#54
cis-1,3-Dichloropropene
Concen: 9.987 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Tgt Ion: 75 Resp: 32956

Ion	Ratio	Lower	Upper
75	100		
77	0.8	24.6	36.8#
39	32.4	40.6	60.8#



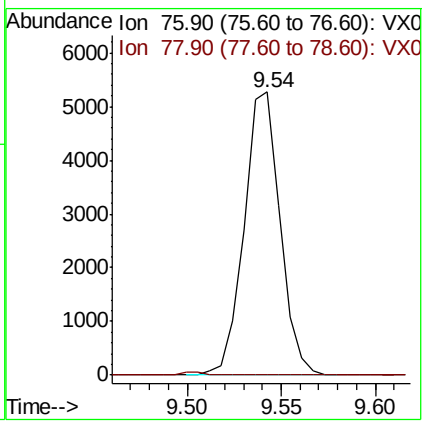


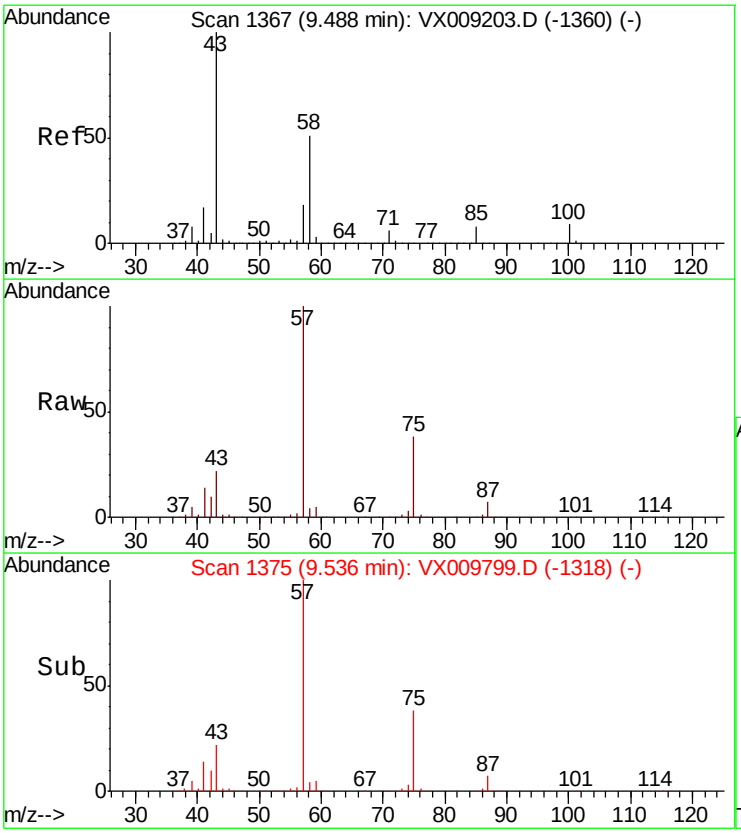
#57
1,3-Dichloropropane
Concen: 1.975 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 6940

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.5	38.3#

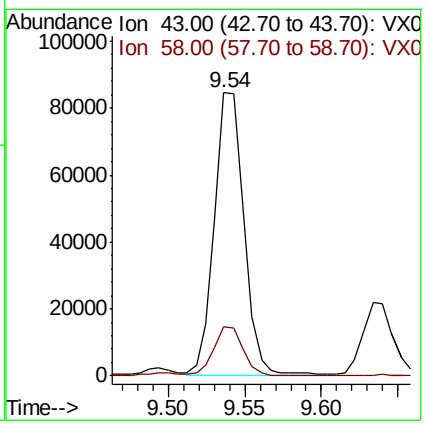


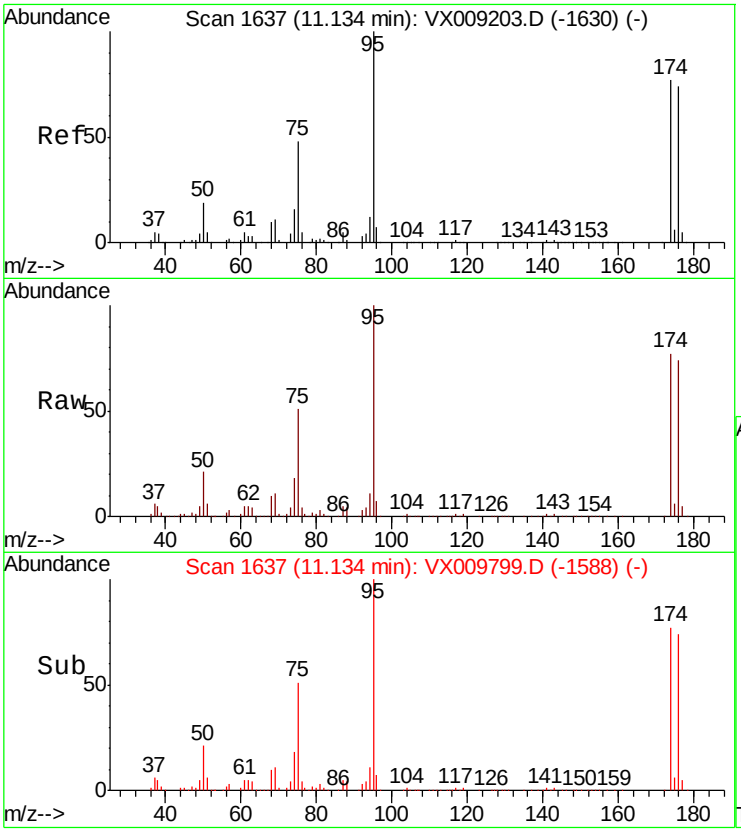


#59
2-Hexanone
Concen: 38.485 ug/l
RT: 9.54 min Scan# 1375
Delta R.T. 0.05 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Tgt Ion: 43 Resp: 114539

Ion	Ratio	Lower	Upper
43	100		
58	17.6	25.9	77.7#



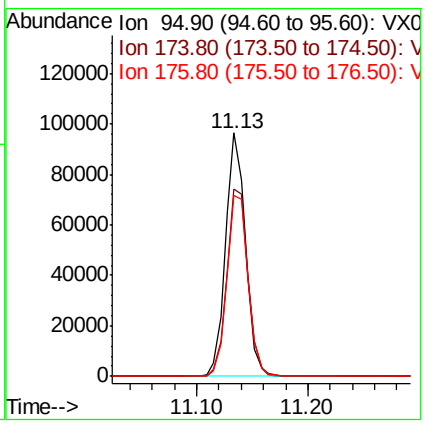


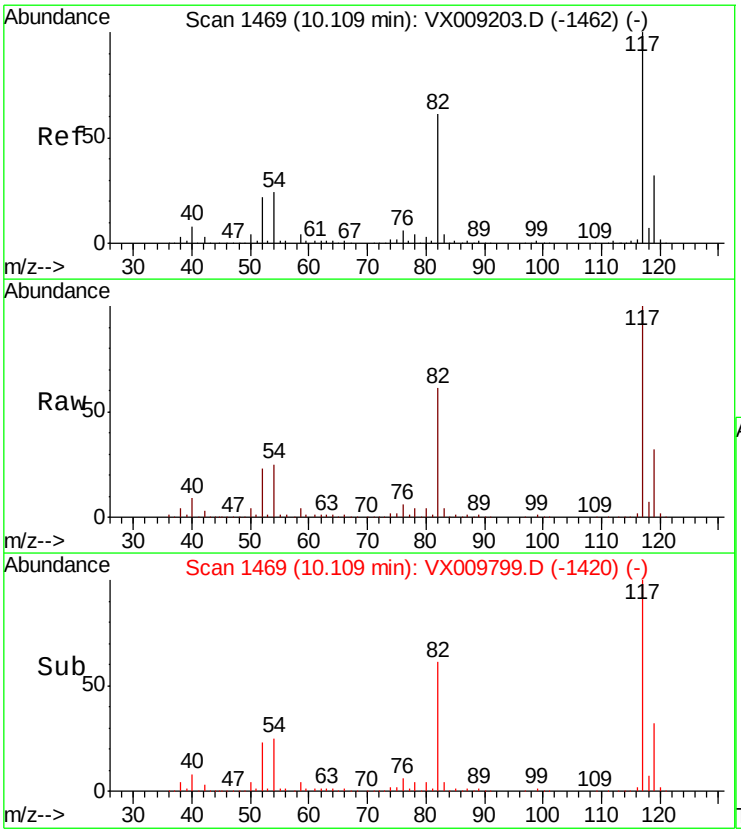
#62
4-Bromofluorobenzene
Concen: 45.966 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 118664

Ion	Ratio	Lower	Upper
95	100		
174	81.5	0.0	161.6
176	79.0	0.0	159.2

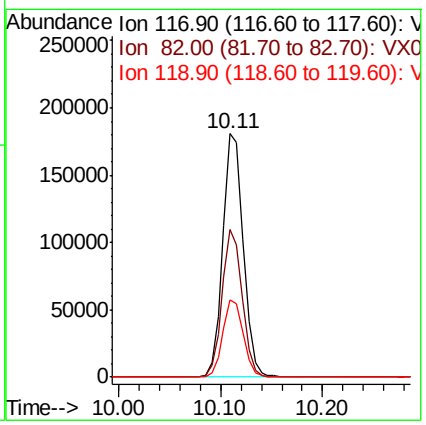


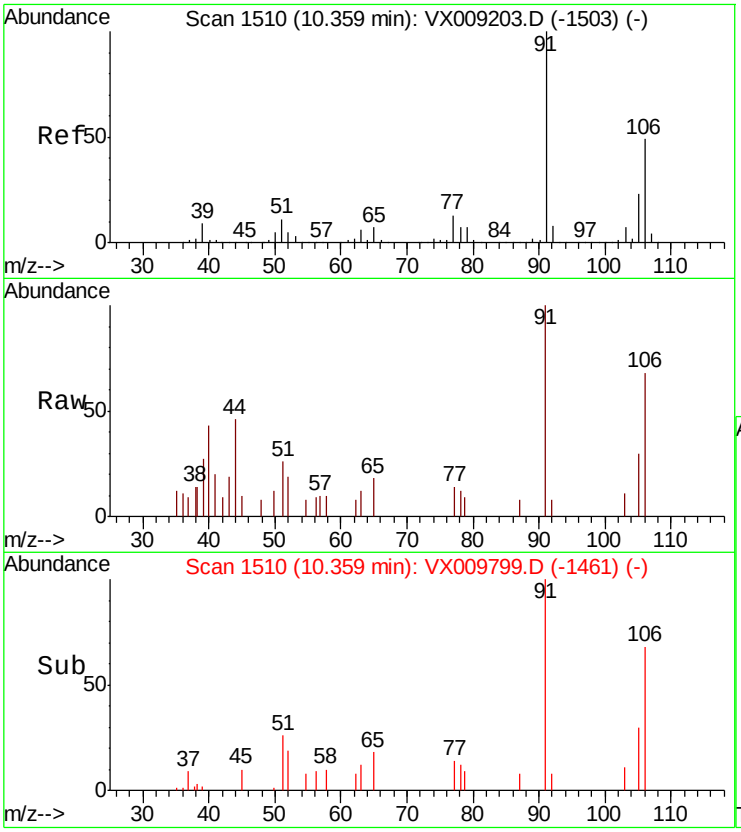


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Tgt Ion:117 Resp: 251159

Ion	Ratio	Lower	Upper
117	100		
82	60.7	48.8	73.2
119	31.6	25.8	38.6



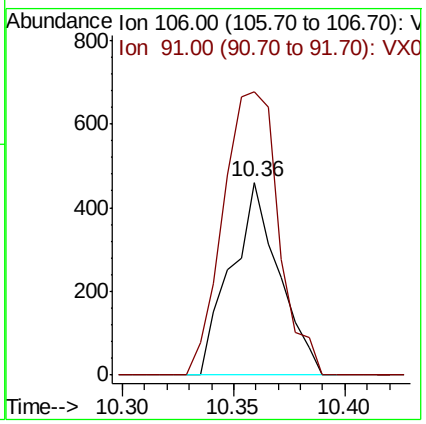


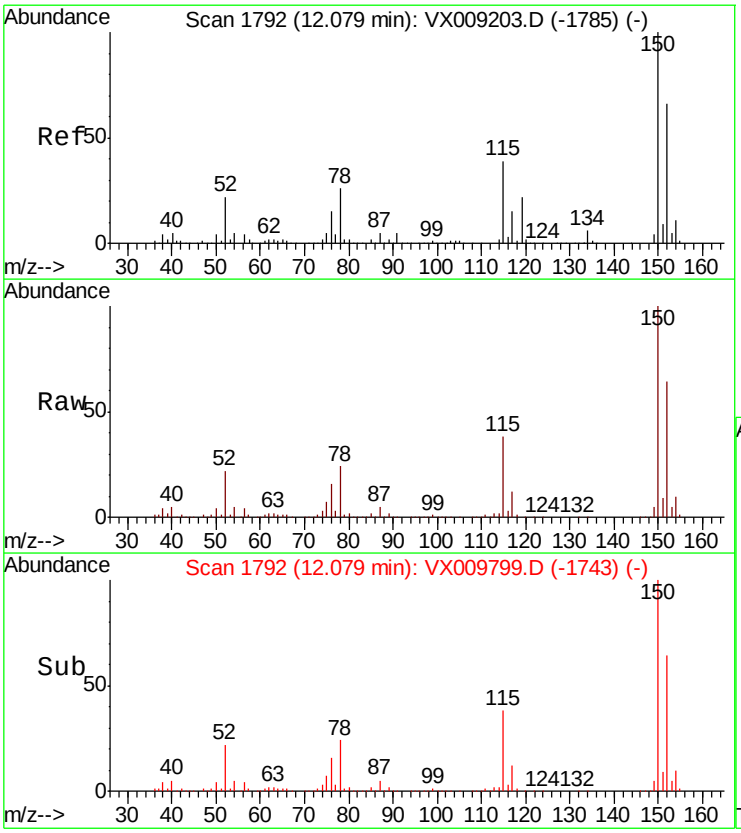
#68
m/p-Xylenes
Concen: 0.204 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 690

Ion	Ratio	Lower	Upper
106	100		
91	171.0	164.0	246.0

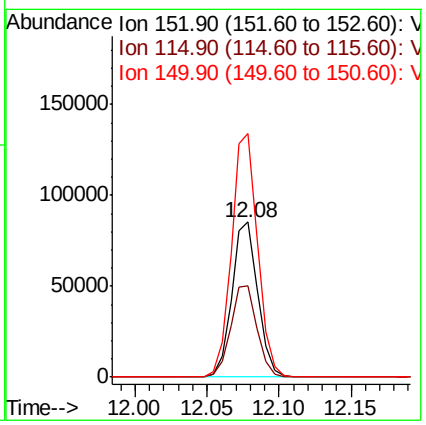


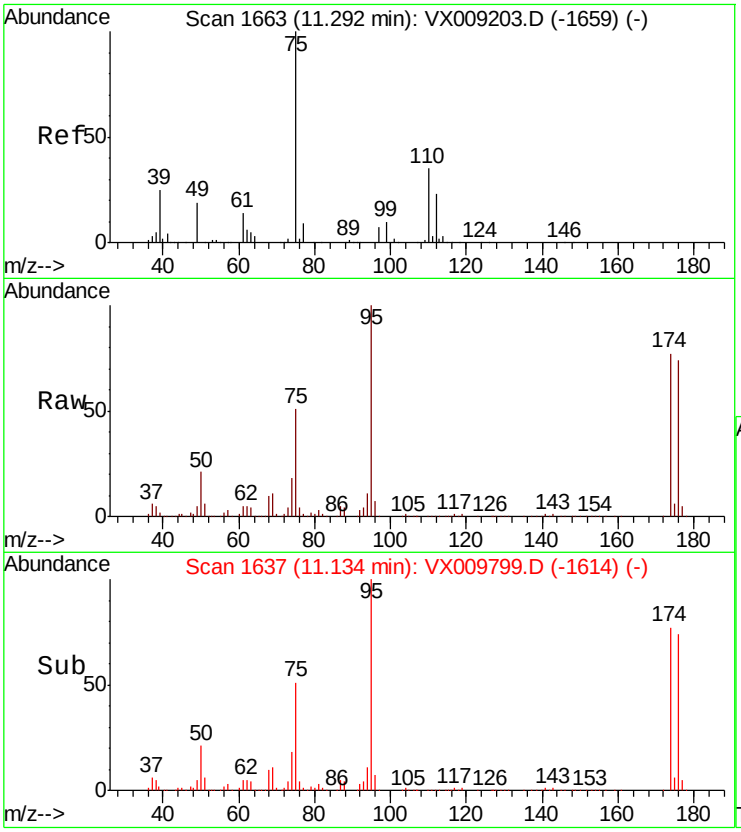


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Tgt Ion:152 Resp: 107173

Ion	Ratio	Lower	Upper
152	100		
115	60.1	41.2	123.6
150	158.4	0.0	346.4



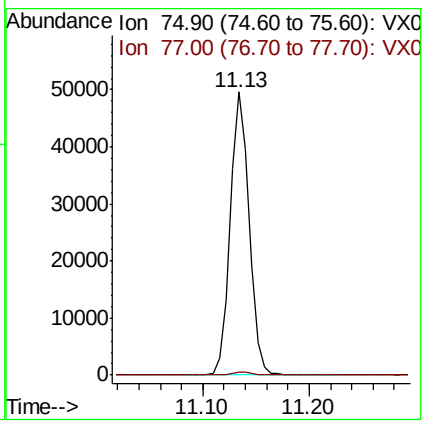


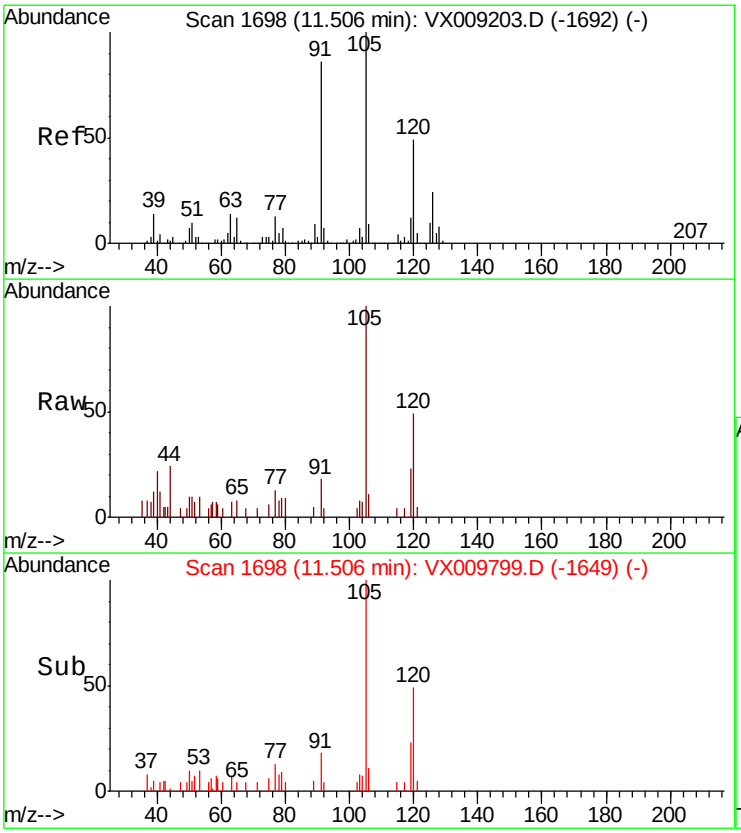
#76
1,2,3-Trichloropropane
Concen: 24.909 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 61924

Ion	Ratio	Lower	Upper
75	100		
77	1.3	22.1	66.1#

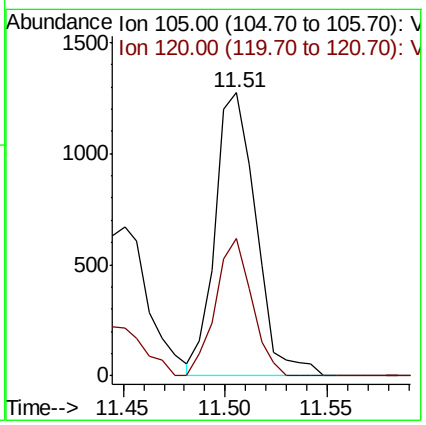


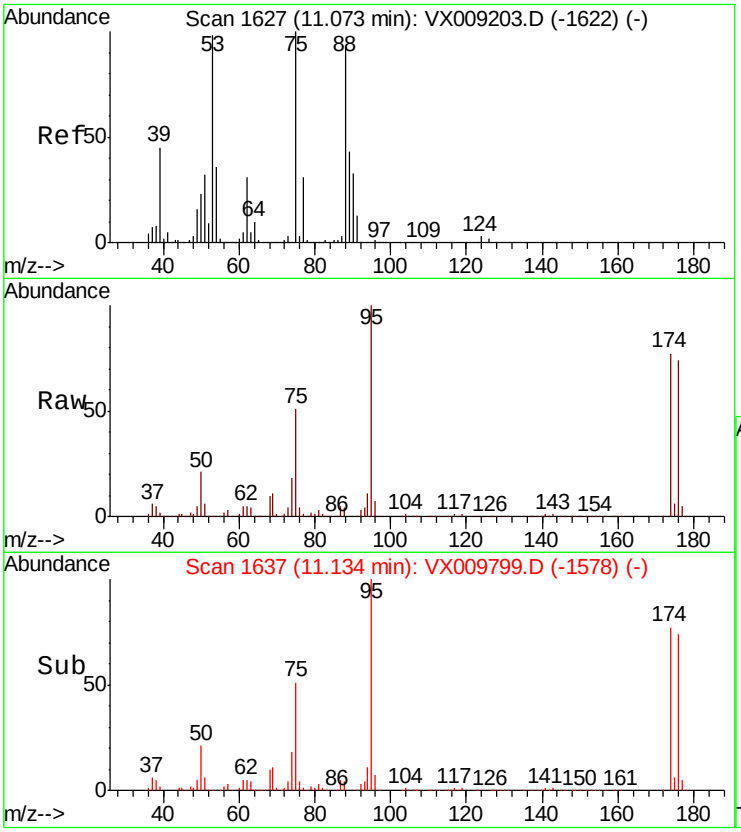


#80
1,3,5-Trimethylbenzene
Concen: 0.270 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Tgt Ion:105 Resp: 1774

Ion	Ratio	Lower	Upper
105	100		
120	43.2	24.3	72.9



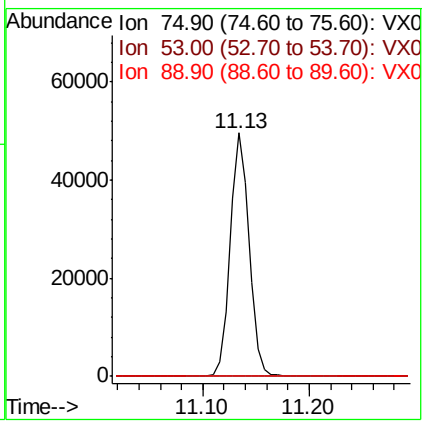


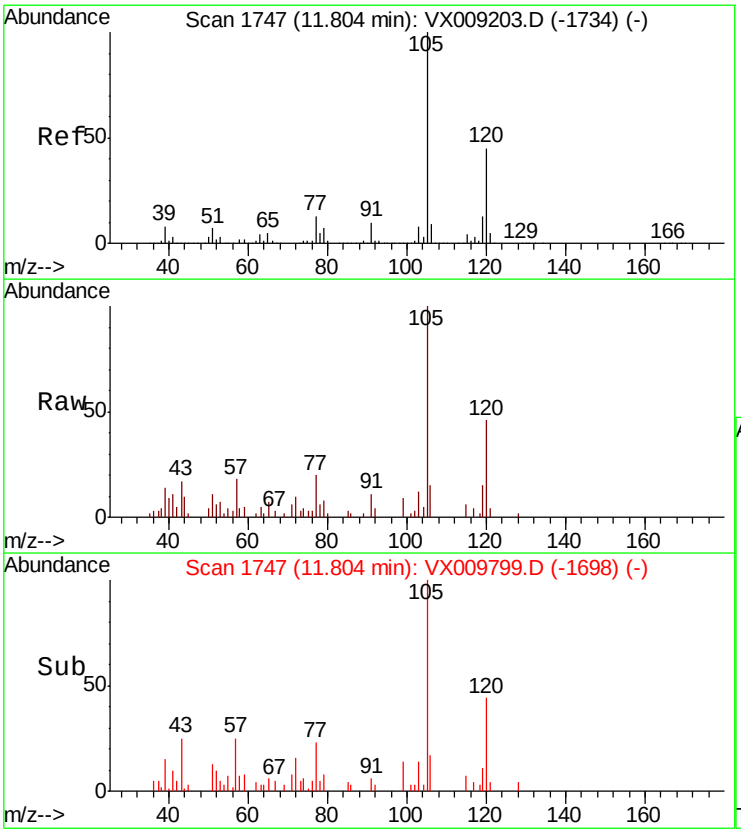
#81
trans-1,4-Dichloro-2-butene
Concen: 63.733 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 61924

Ion	Ratio	Lower	Upper
75	100		
53	0.2	79.0	118.6#
89	0.0	34.7	52.1#

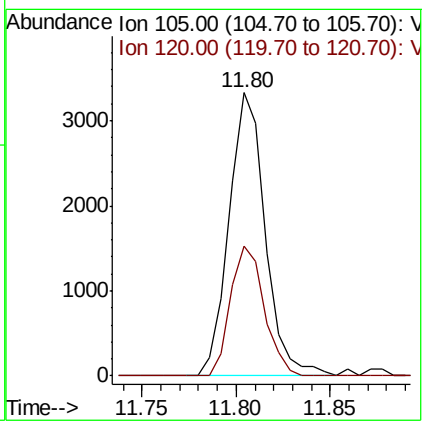


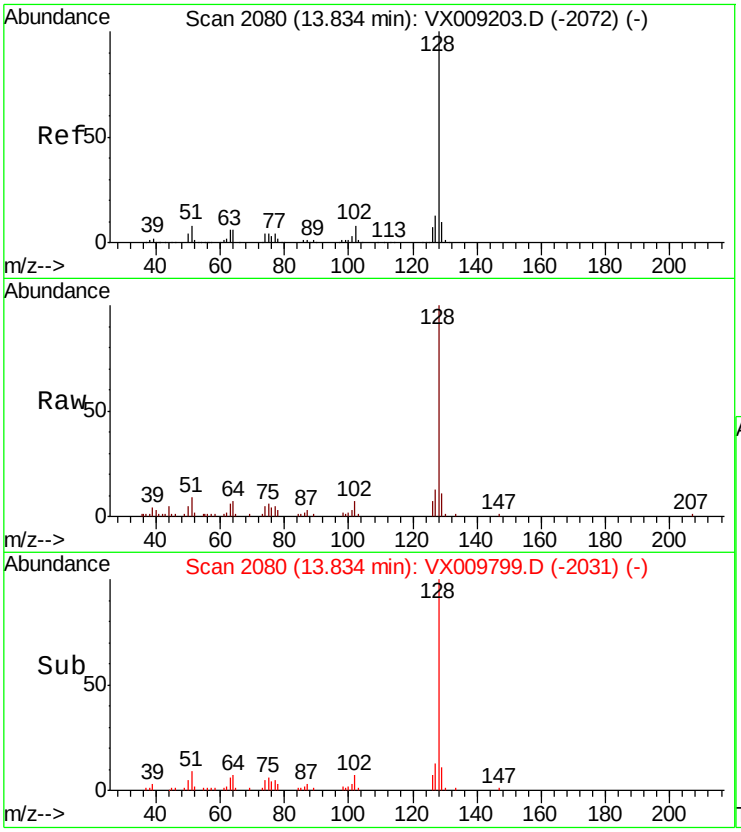


#84
1,2,4-Trimethylbenzene
Concen: 0.672 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Tgt Ion:105 Resp: 4429

Ion	Ratio	Lower	Upper
105	100		
120	42.6	22.0	66.0





#95
Naphthalene
Concen: 1.390 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 10858

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.2	8.6	13.0