Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060319\
Data File : VX010044.D
Acq On : 03 Jun 2019 18:21
Operator : JC/SP
Sample : K2641-22
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Jun 04 03:42:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	173276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	279616	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	256729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116786	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	115934	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.72%			
35) Dibromofluoromethane	5.50	113	85948	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.78%			
50) Toluene-d8	8.71	98	362026	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.42%			
62) 4-Bromofluorobenzene	11.13	95	124126	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.82%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	575	0.202	ug/l #	67
10) Methyl Iodide	2.52	142	46	4.676	ug/l #	42
11) Tert butyl alcohol	3.05	59	266	0.442	ug/l #	73
13) Acrolein	2.29	56	170	21.461	ug/l	96
16) Acetone	2.44	43	75217	53.187	ug/l	99
17) Carbon Disulfide	2.57	76	796	0.533	ug/l #	77
18) Methyl Acetate	2.78	43	3071	0.933	ug/l #	90
20) Methylene Chloride	2.86	84	189774	87.628	ug/l	96
25) 2-Butanone	4.70	43	2259	1.025	ug/l	95
29) Tetrahydrofuran	5.15	42	1242	0.879	ug/l #	86
30) Chloroform	5.21	83	1627	0.459	ug/l	84
36) 1,1-Dichloropropene	5.67	75	13087	4.613	ug/l #	51
38) Carbon Tetrachloride	5.67	117	16255	6.630	ug/l #	16
43) Isopropyl Acetate	6.45	43	3048	0.478	ug/l #	91
48) Methyl methacrylate	7.68	41	7384	2.339	ug/l #	26
49) 1,4-Dioxane	7.59	88	21	0.358	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	59032	14.227	ug/l #	53
54) cis-1,3-Dichloropropene	8.61	75	24498	6.914	ug/l #	61
57) 1,3-Dichloropropane	9.54	76	2581	0.699	ug/l #	43
59) 2-Hexanone	9.44	43	12833	4.017	ug/l #	27
74) N-amyl acetate	10.69	43	9863	1.916	ug/l #	59
76) 1,2,3-Trichloropropane	11.13	75	63694	22.807	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.51	105	2345	0.323	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	63694	56.429	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	1686	0.229	ug/l	95
95) Naphthalene	13.83	128	20126	2.348	ug/l	100

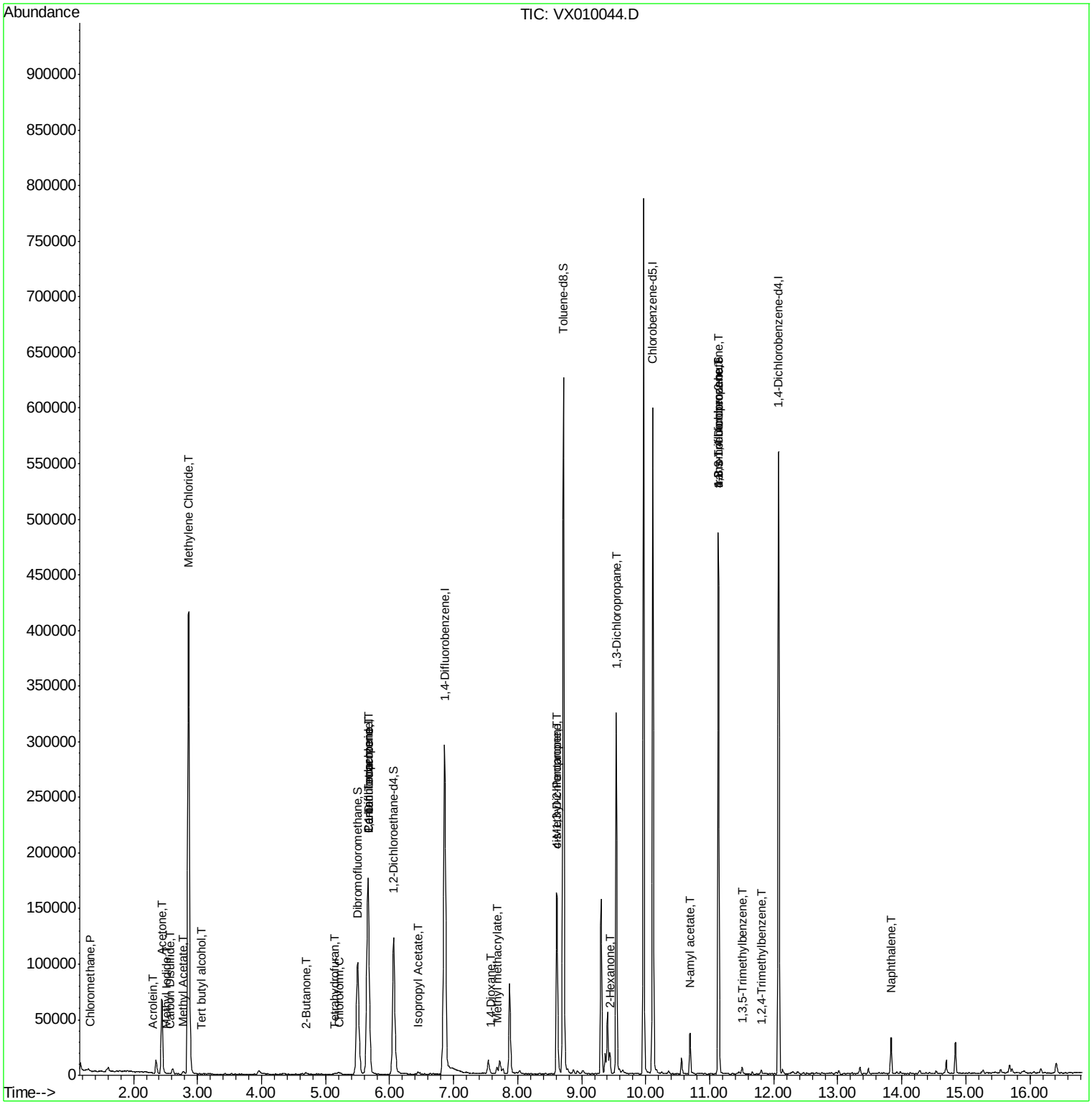
(#) = qualifier out of range (m) = manual integration (+) = signals summed

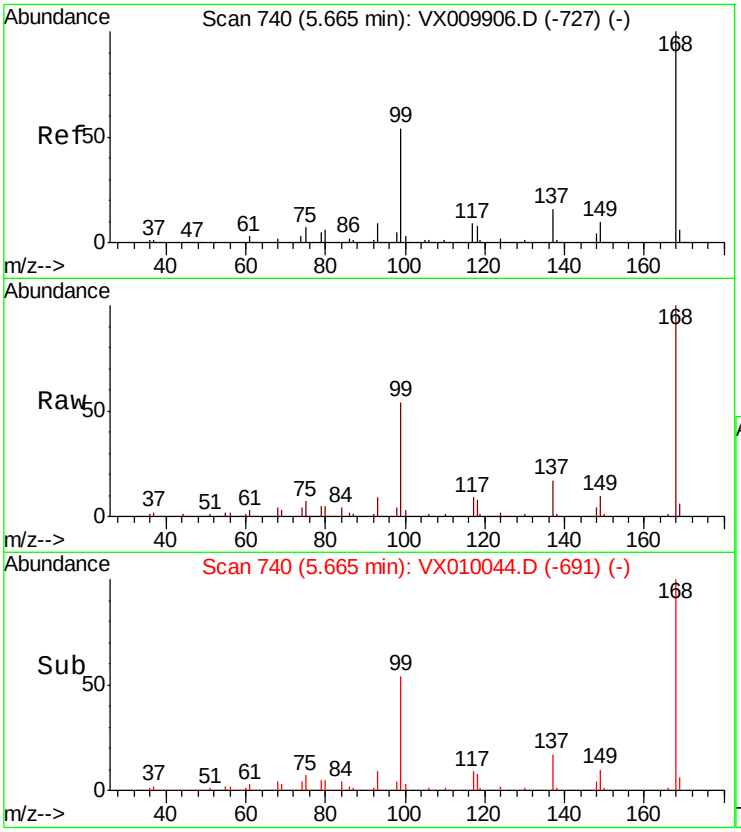
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060319\
Data File : VX010044.D
Acq On : 03 Jun 2019 18:21
Operator : JC/SP
Sample : K2641-22
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 04 03:42:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration



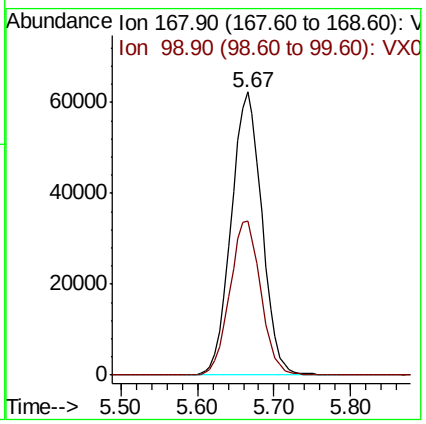


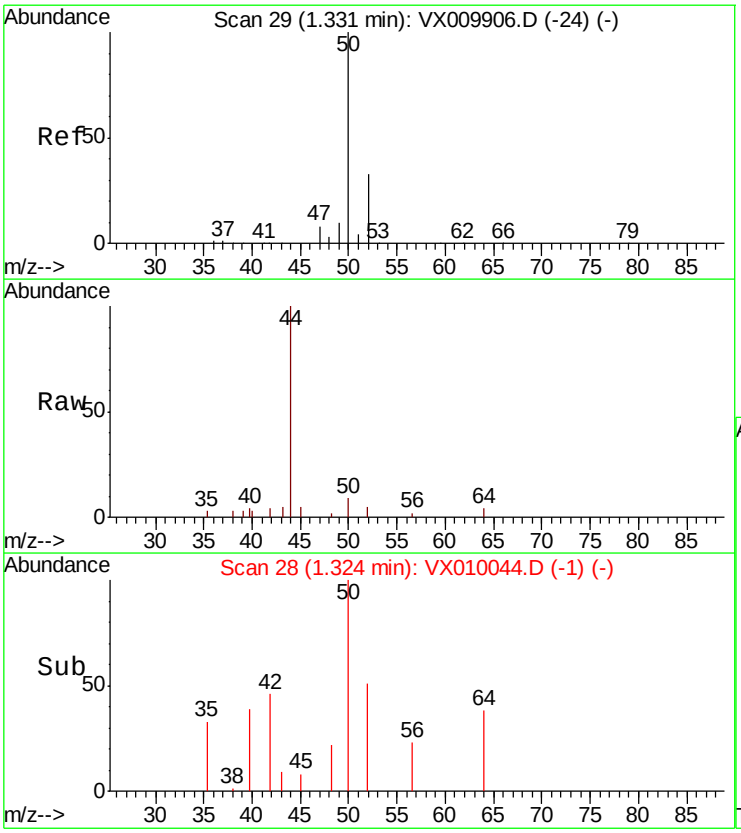
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 173276

Ion	Ratio	Lower	Upper
168	100		
99	54.2	43.0	64.6

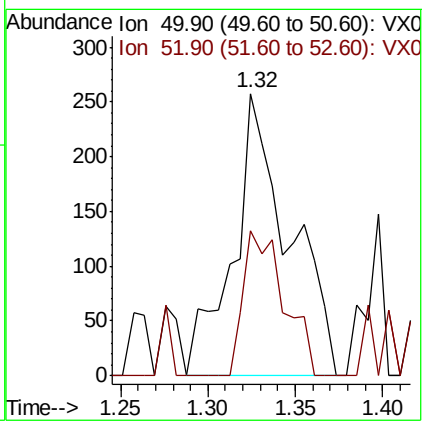


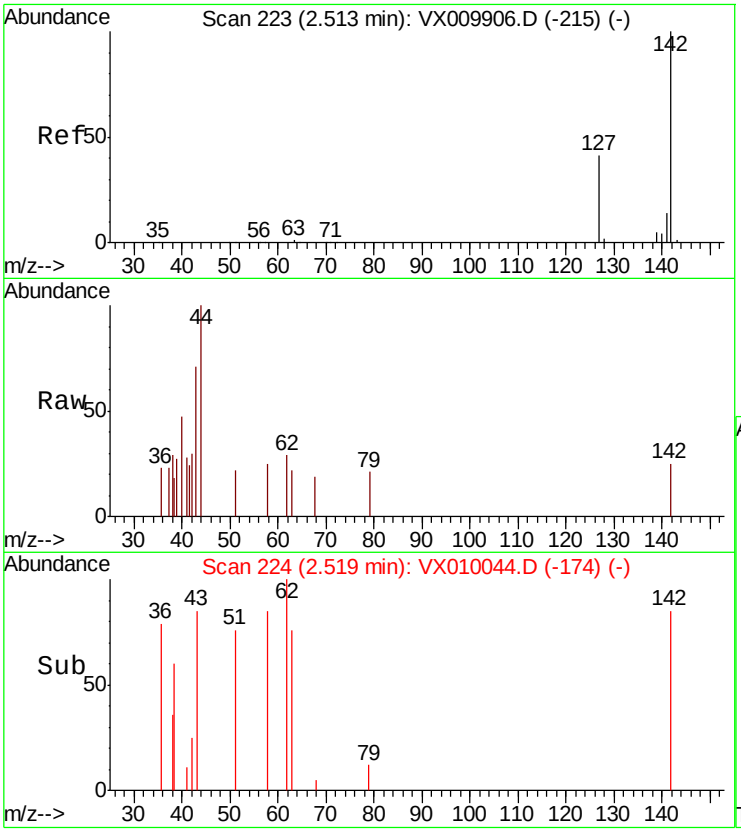


#3
Chloromethane
Concen: 0.202 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.01 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Tgt Ion: 50 Resp: 575

Ion	Ratio	Lower	Upper
50	100		
52	51.2	26.0	39.0#



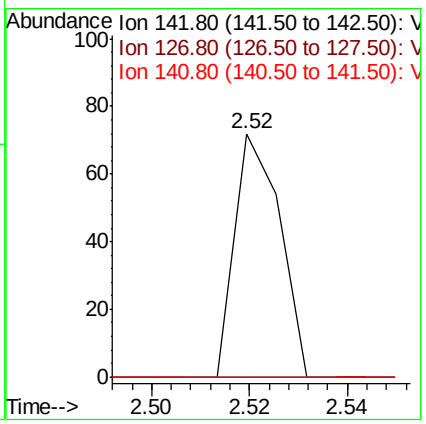


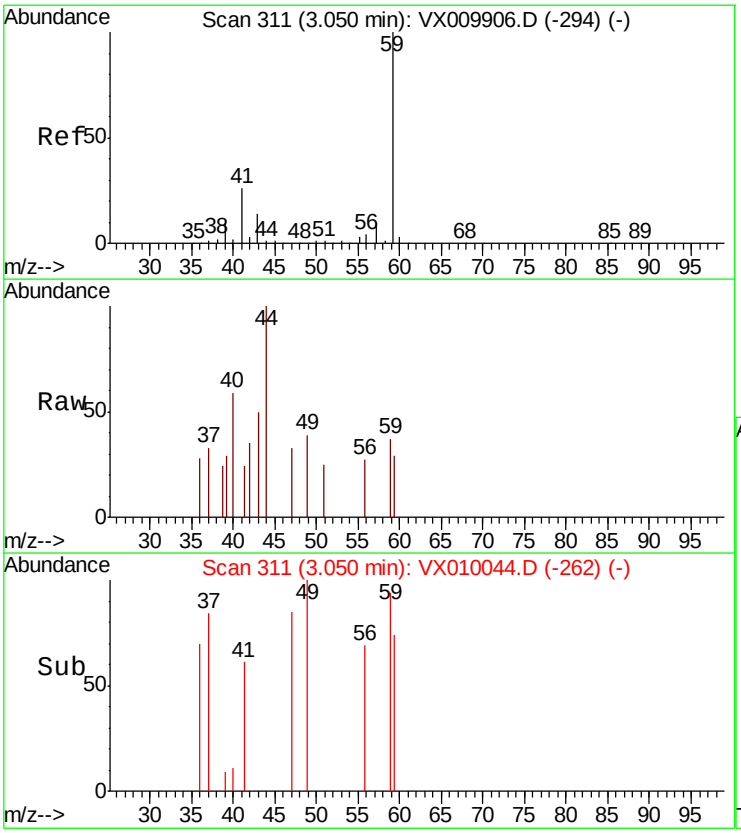
#10
Methyl Iodide
Concen: 4.676 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 46

Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.0	49.4#
141	0.0	11.4	17.0#

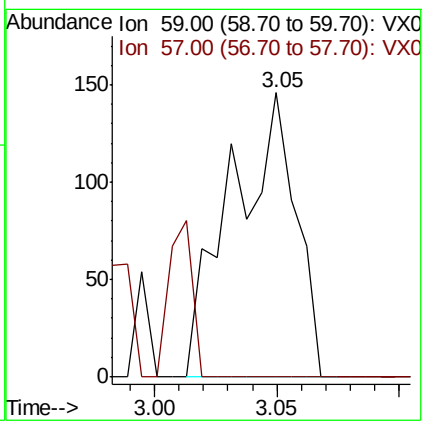


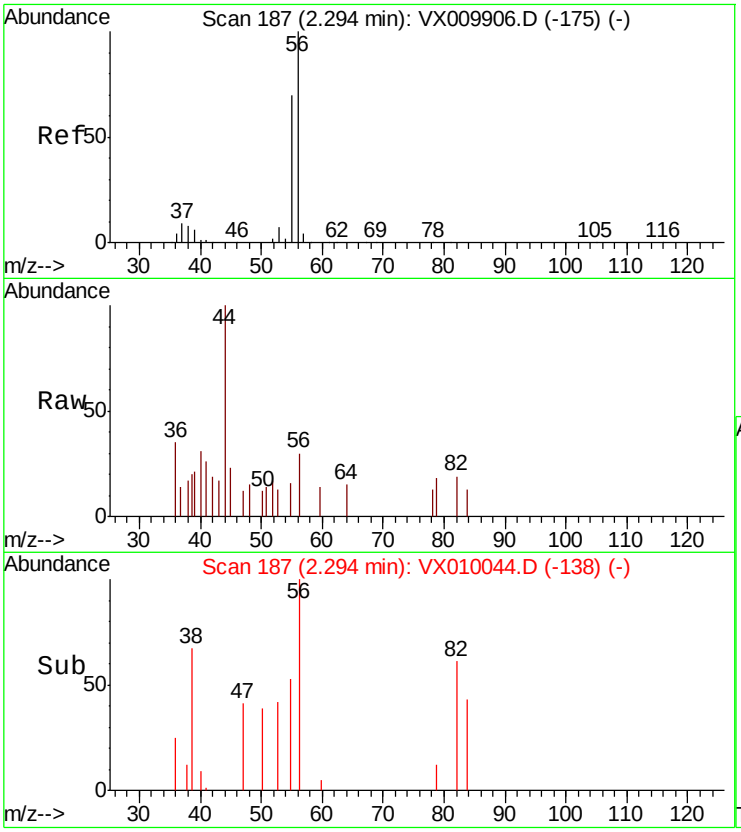


#11
Tert butyl alcohol
Concen: 0.442 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Tgt Ion: 59 Resp: 266

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



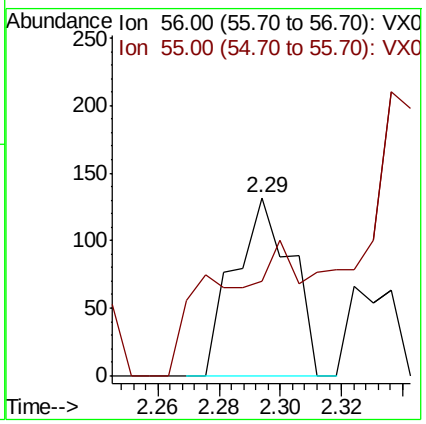


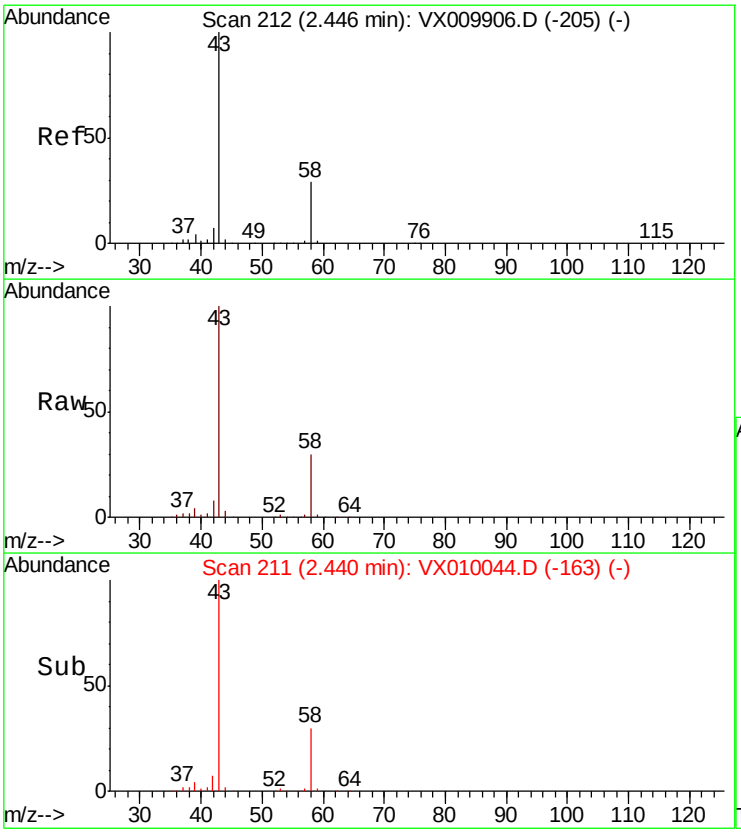
#13
Acrolein
Concen: 21.461 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 170

Ion	Ratio	Lower	Upper
56	100		
55	67.6	57.0	85.4

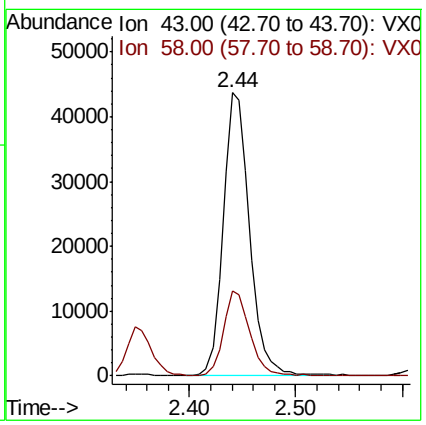


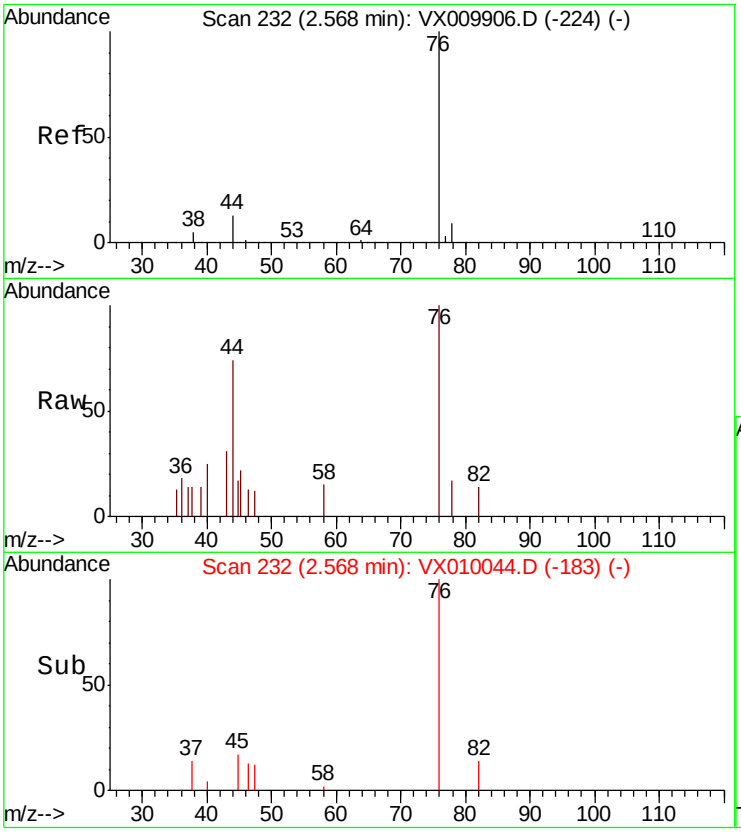


#16
Acetone
Concen: 53.187 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Tgt Ion: 43 Resp: 75217

Ion	Ratio	Lower	Upper
43	100		
58	29.6	23.2	34.8



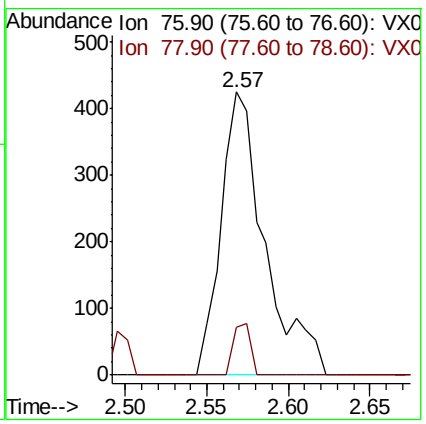


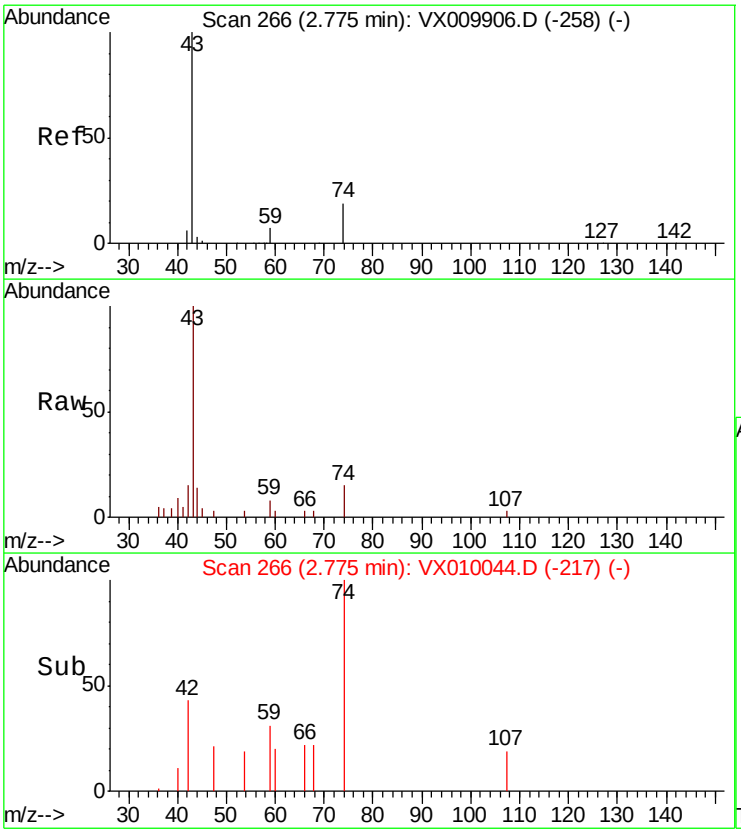
#17
Carbon Disulfide
Concen: 0.533 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 796

Ion	Ratio	Lower	Upper
76	100		
78	16.9	7.0	10.6#

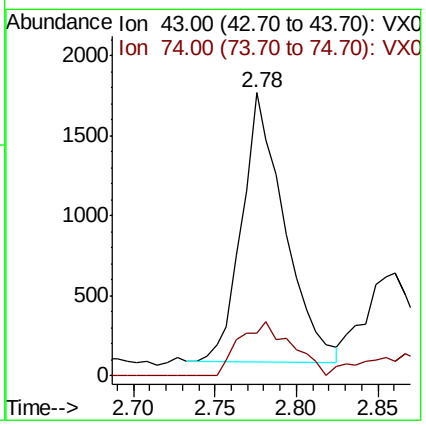


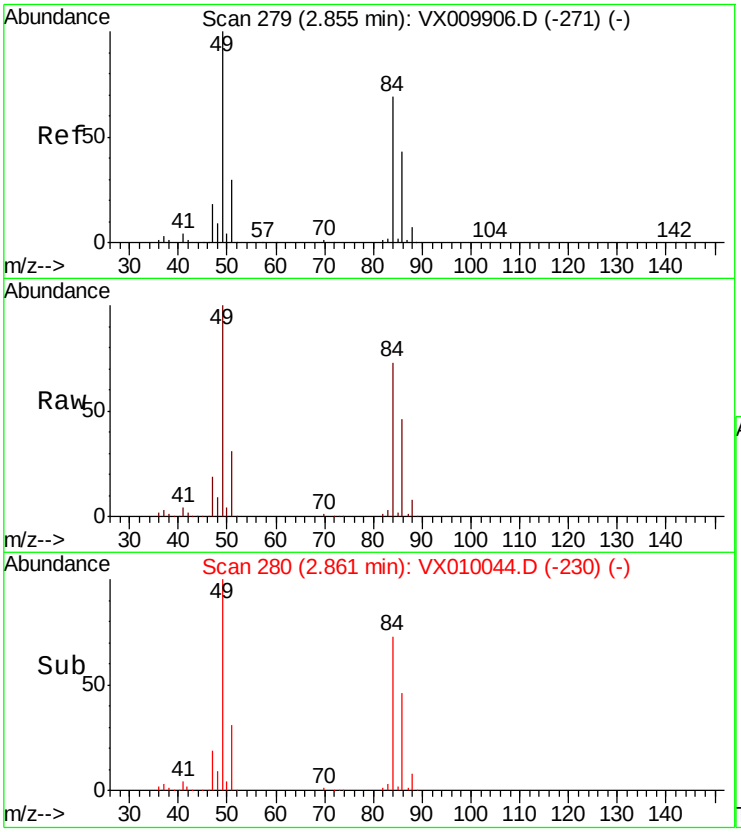


#18
Methyl Acetate
Concen: 0.933 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Tgt Ion: 43 Resp: 3071

Ion	Ratio	Lower	Upper
43	100		
74	24.4	15.8	23.6#



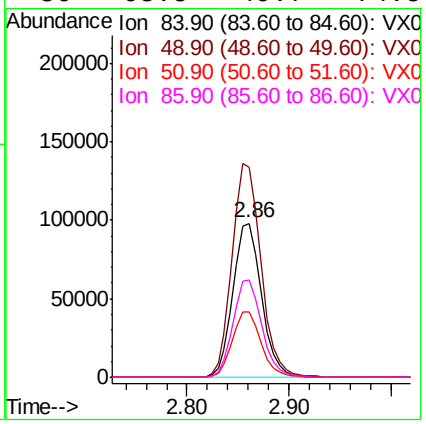


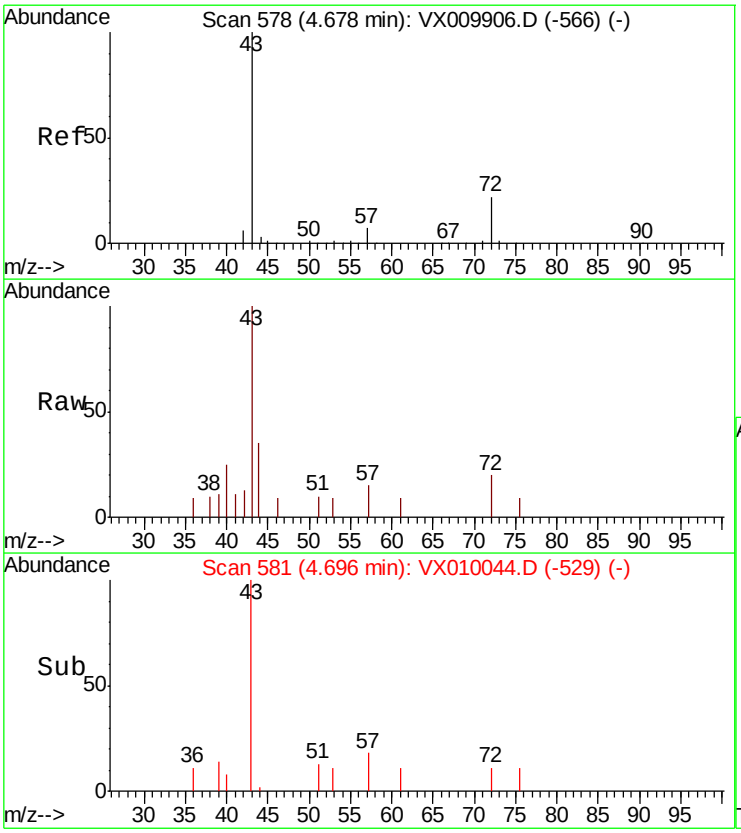
#20
Methylene Chloride
Concen: 87.628 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 189774

Ion	Ratio	Lower	Upper
84	100		
49	137.0	115.8	173.6
51	42.5	34.4	51.6
86	63.5	49.7	74.5

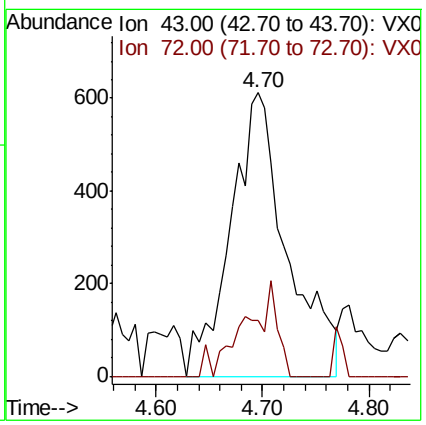


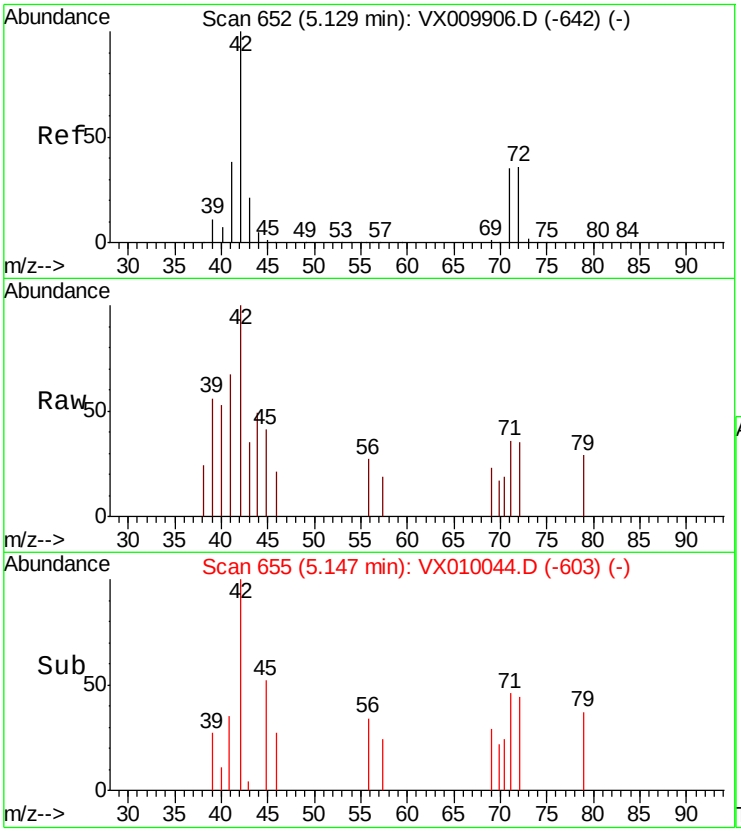


#25
2-Butanone
Concen: 1.025 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.02 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Tgt Ion: 43 Resp: 2259

Ion	Ratio	Lower	Upper
43	100		
72	19.6	17.5	26.3



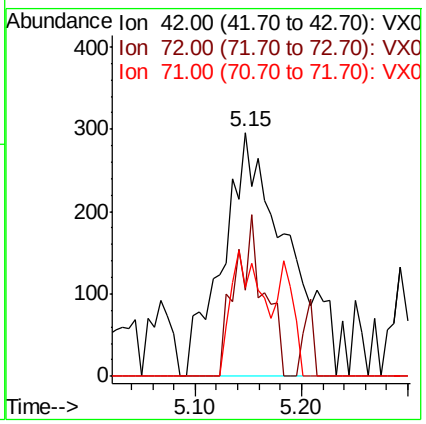


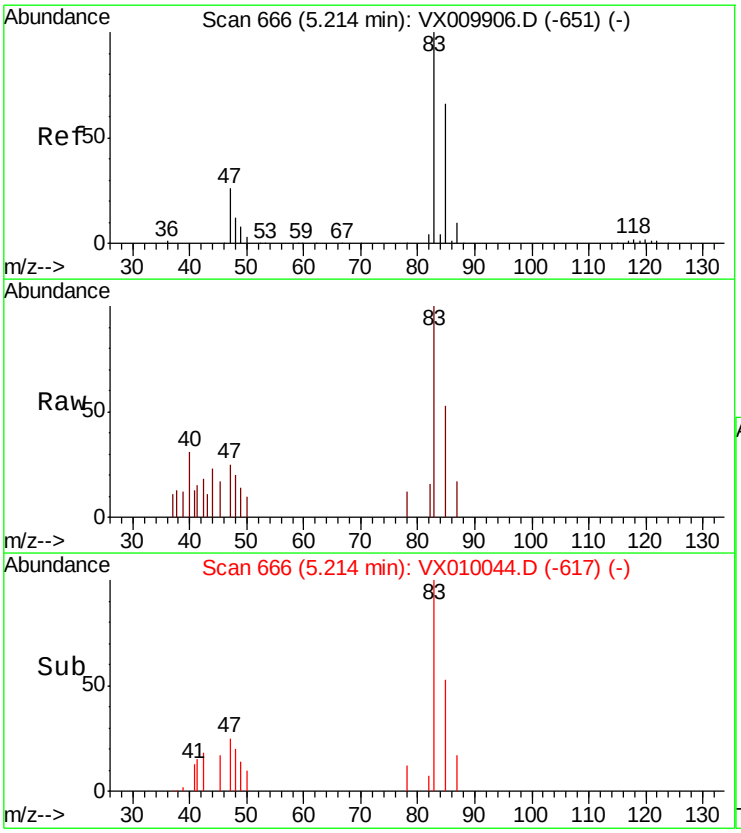
#29
Tetrahydrofuran
Concen: 0.879 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.02 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 1242

Ion	Ratio	Lower	Upper
42	100		
72	30.0	29.2	43.8
71	24.8	27.6	41.4#

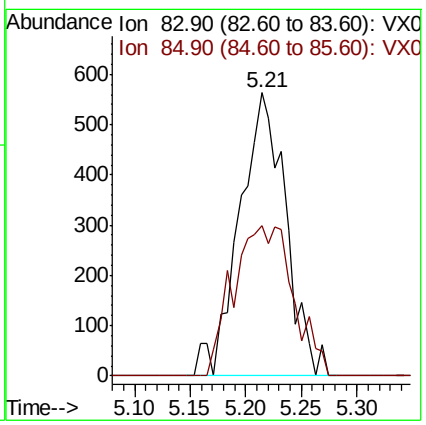


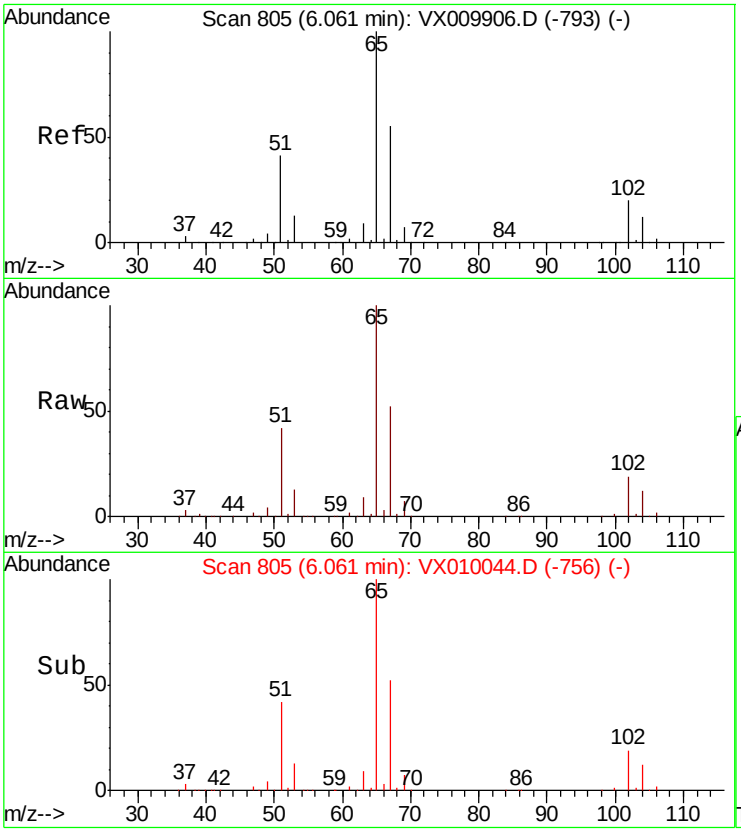


#30
Chloroform
Concen: 0.459 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Tgt Ion: 83 Resp: 1627

Ion	Ratio	Lower	Upper
83	100		
85	53.3	52.6	78.8



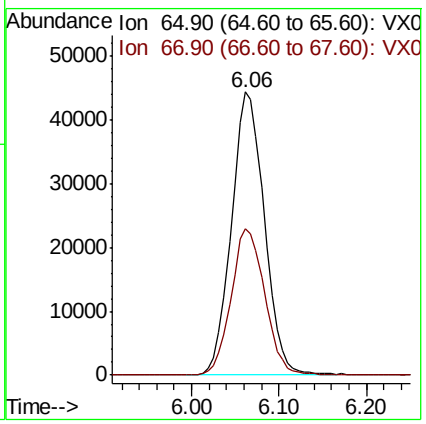


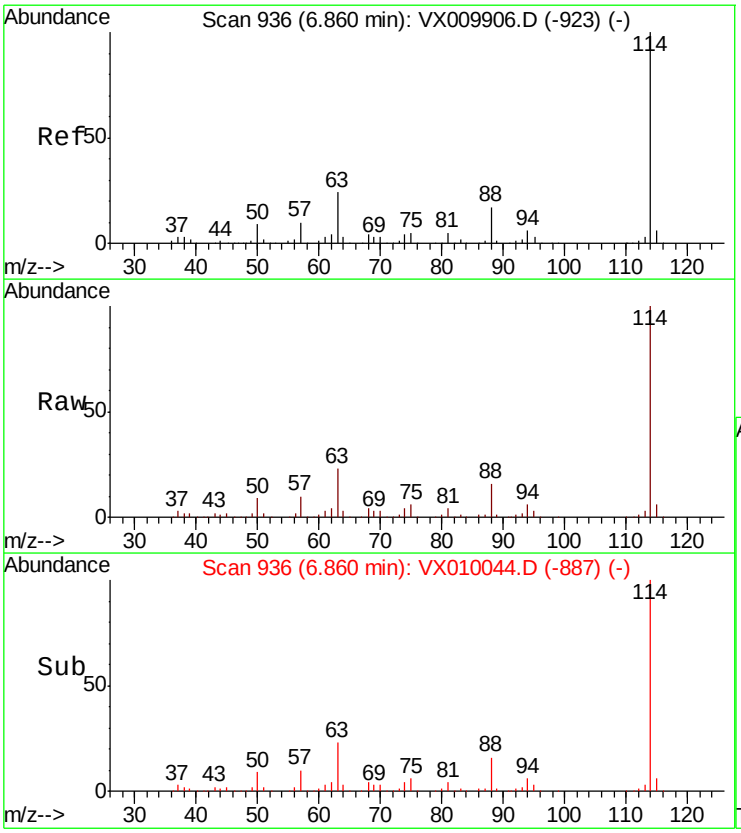
#33
1,2-Dichloroethane-d4
Concen: 47.365 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 115934

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	108.4

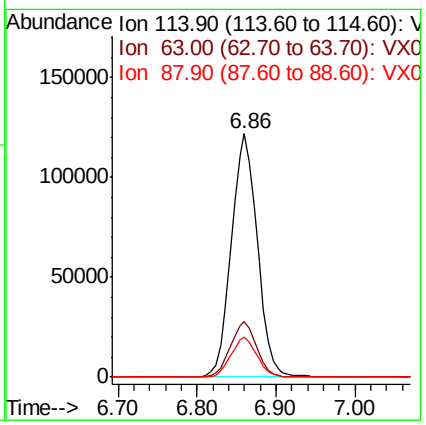


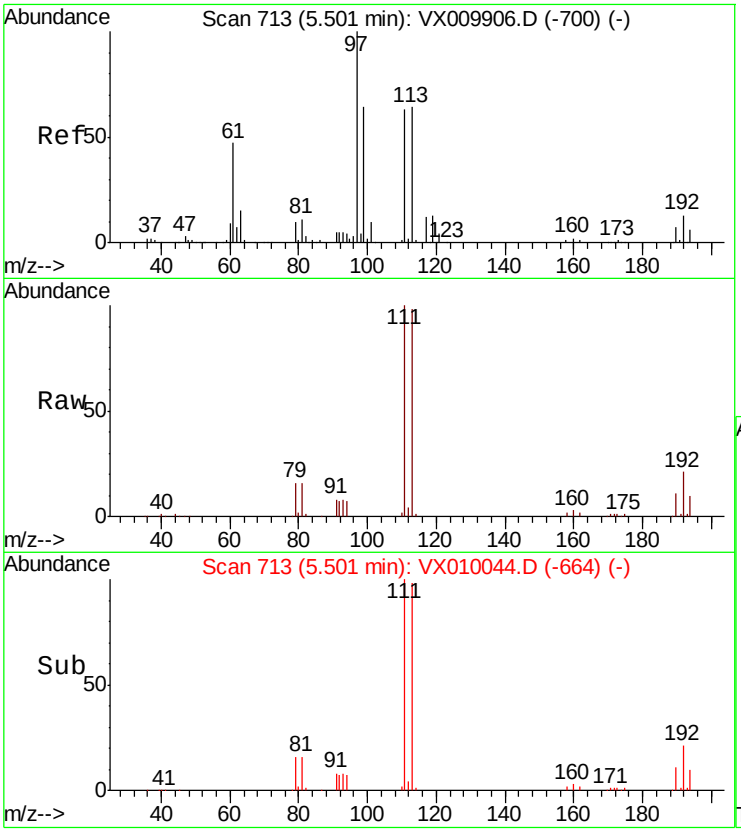


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Tgt Ion:114 Resp: 279616

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	47.4
88	16.4	0.0	33.0



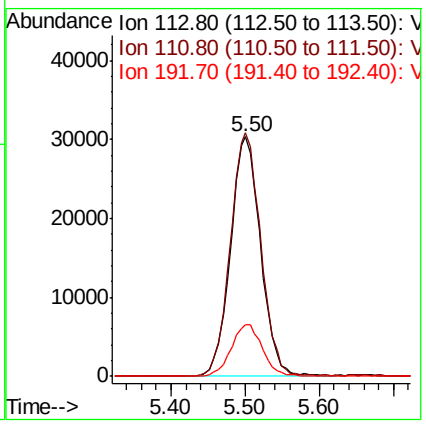


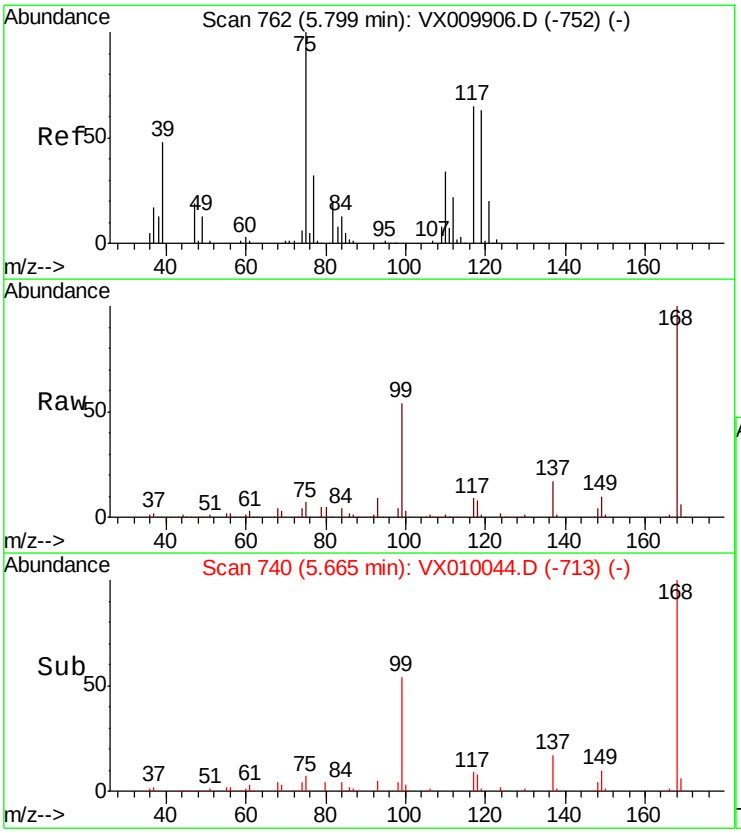
#35
Dibromofluoromethane
Concen: 48.891 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 85948

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.2
192	22.3	17.1	25.7

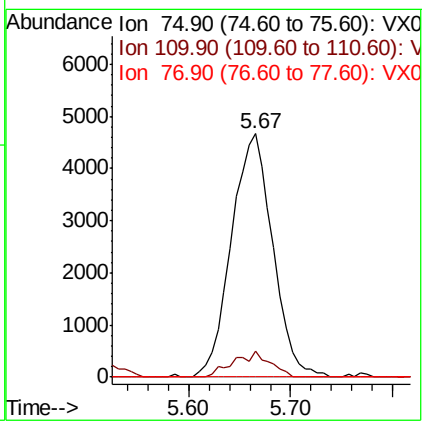


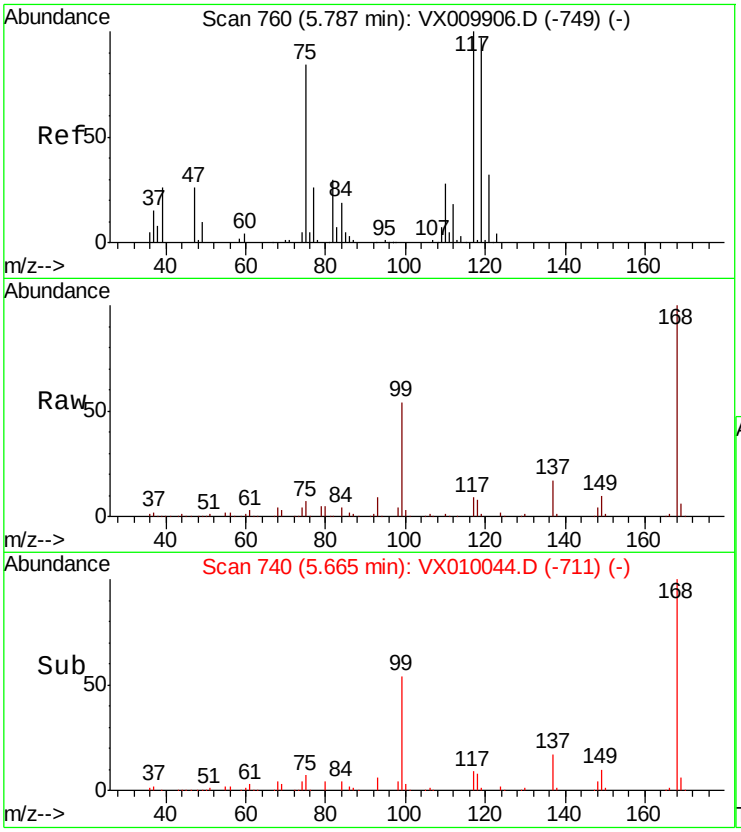


#36
1,1-Dichloropropene
Concen: 4.613 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Tgt Ion: 75 Resp: 13087

Ion	Ratio	Lower	Upper
75	100		
110	9.3	16.7	50.1#
77	0.0	25.0	37.4#



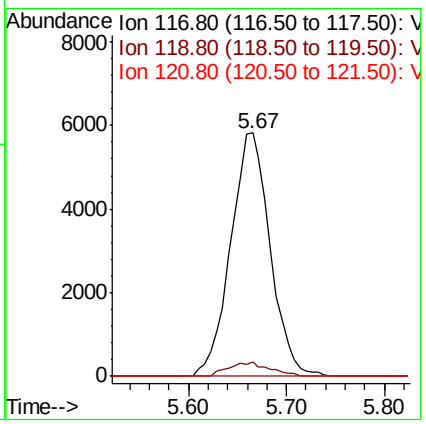


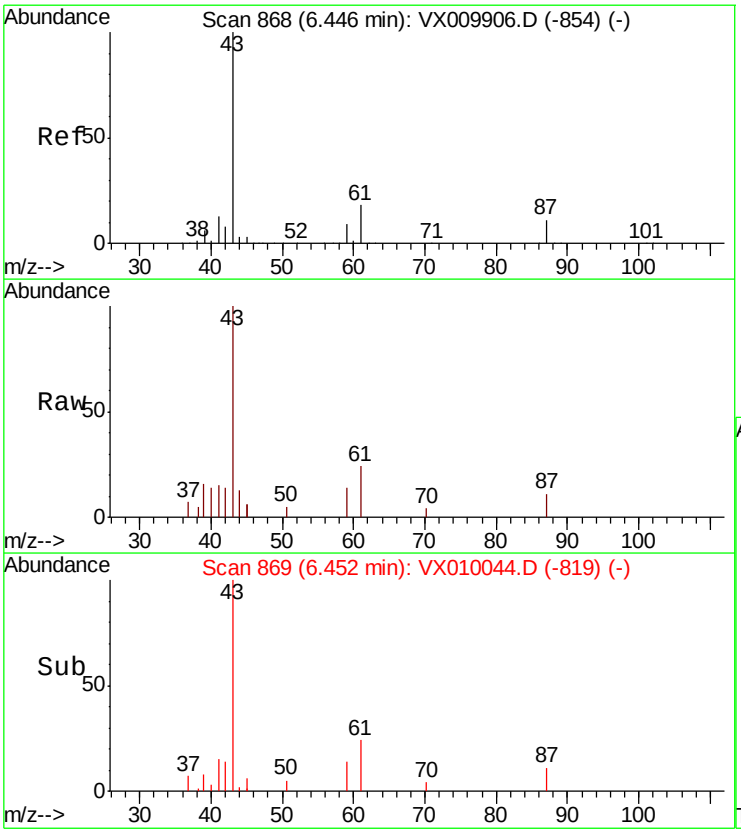
#38
Carbon Tetrachloride
Concen: 6.630 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 16255

Ion	Ratio	Lower	Upper
117	100		
119	5.7	77.3	115.9#
121	0.0	25.4	38.0#

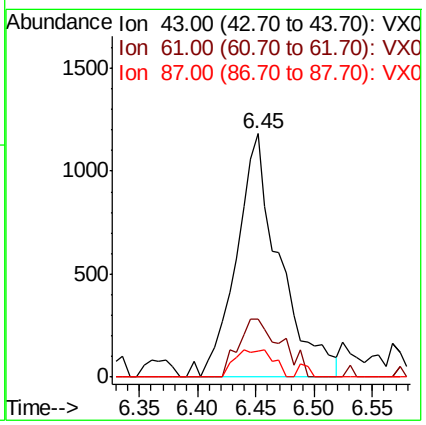


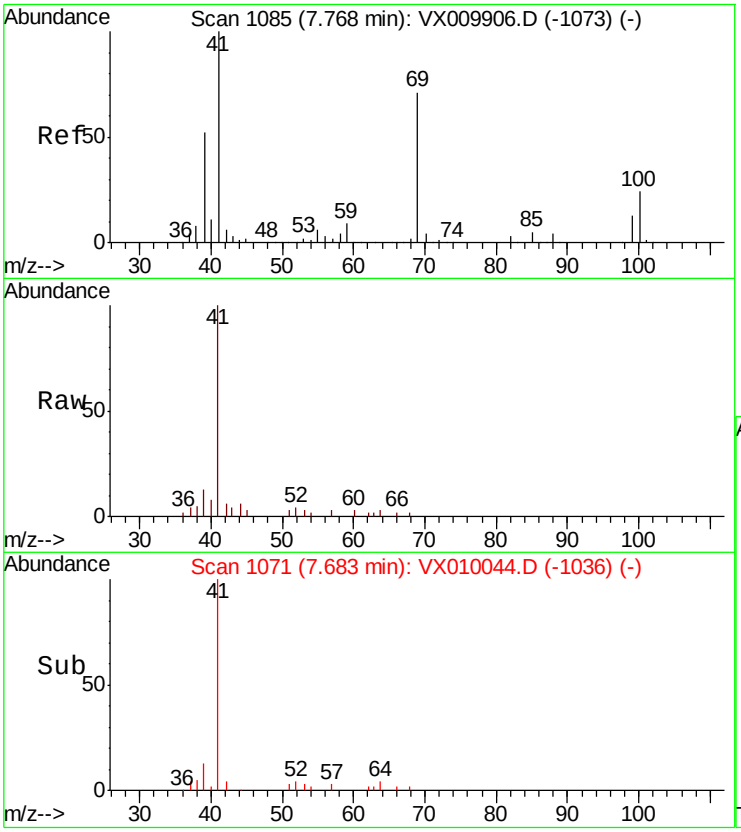


#43
Isopropyl Acetate
Concen: 0.478 ug/l
RT: 6.45 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Tgt Ion: 43 Resp: 3048

Ion	Ratio	Lower	Upper
43	100		
61	23.7	14.6	21.8#
87	10.0	8.7	13.1



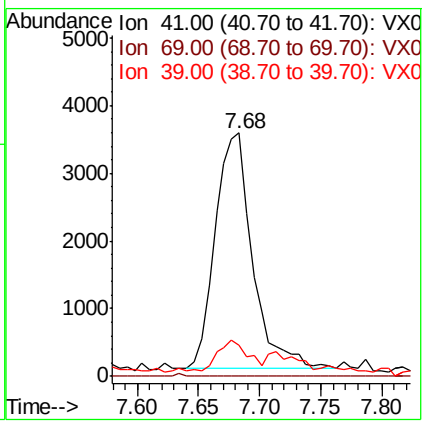


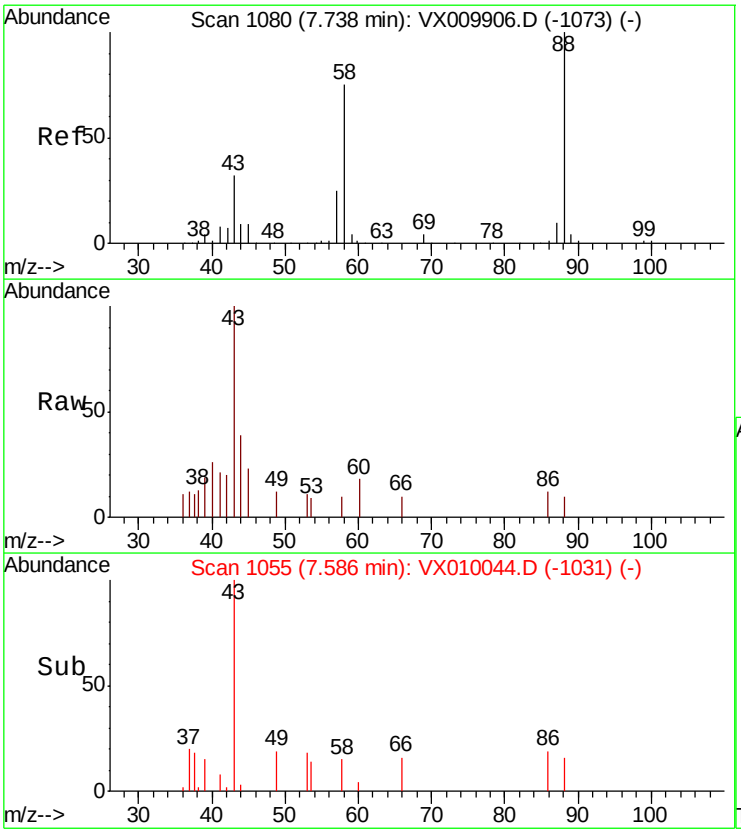
#48
Methyl methacrylate
Concen: 2.339 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 7384

Ion	Ratio	Lower	Upper
41	100		
69	0.0	56.4	84.6#
39	10.7	40.6	60.8#

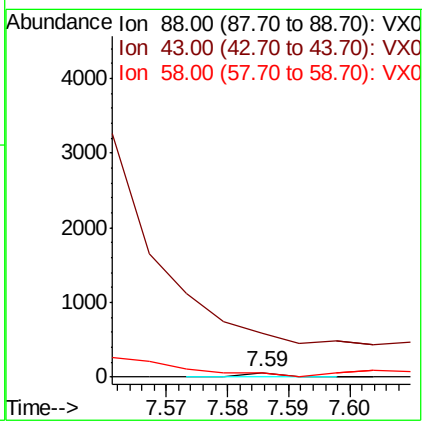


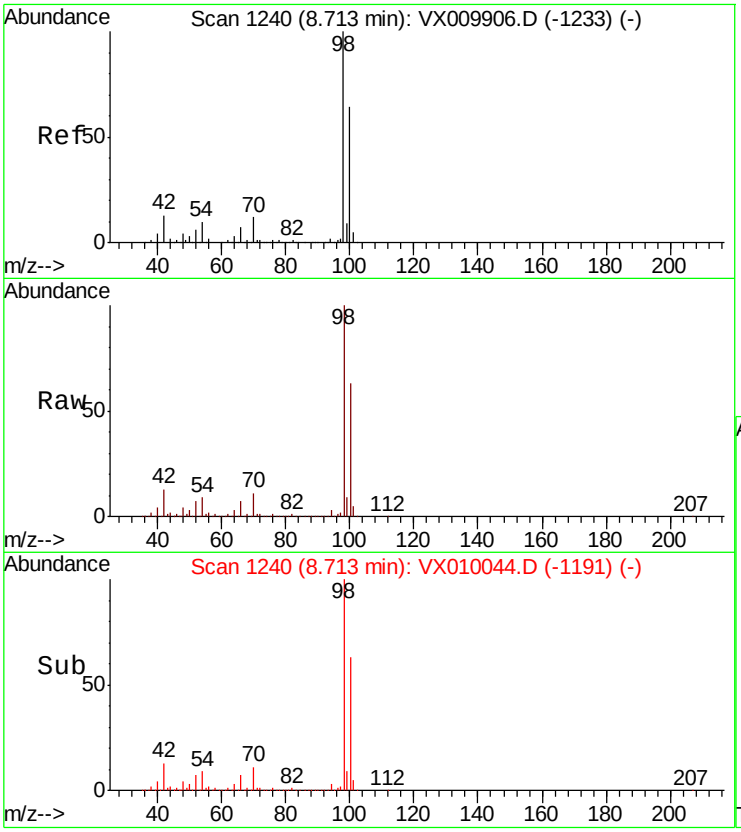


#49
1,4-Dioxane
Concen: 0.358 ug/l
RT: 7.59 min Scan# 1055
Delta R.T. -0.15 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Tgt Ion: 88 Resp: 21

Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.2	45.4#
58	400.0	64.0	96.0#



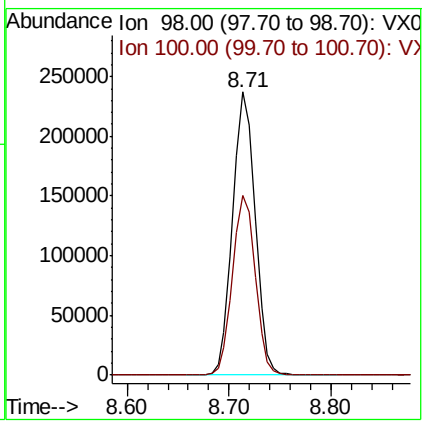


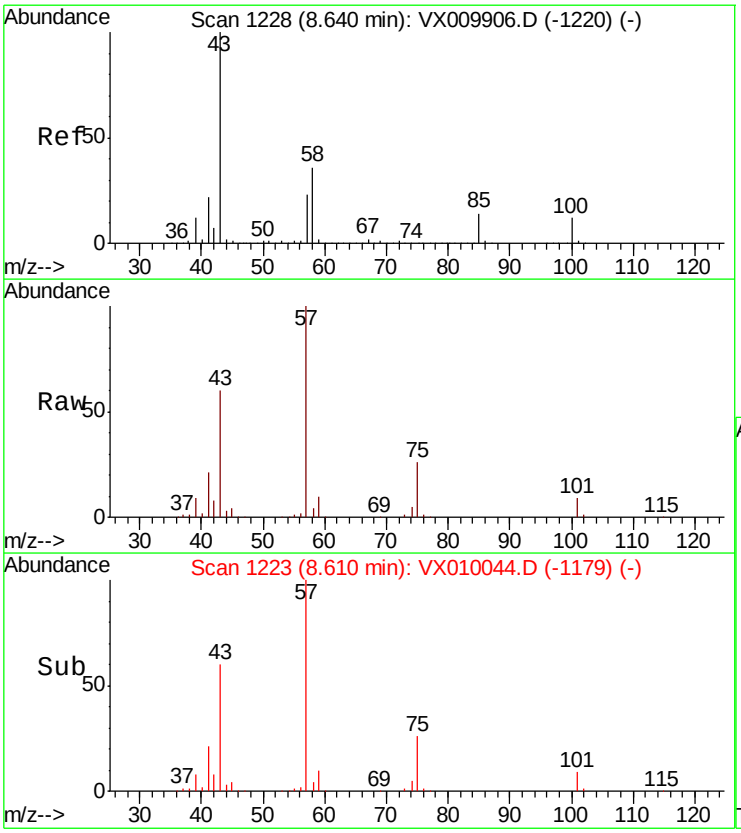
#50
Toluene-d8
Concen: 50.713 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 362026

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.5	77.3

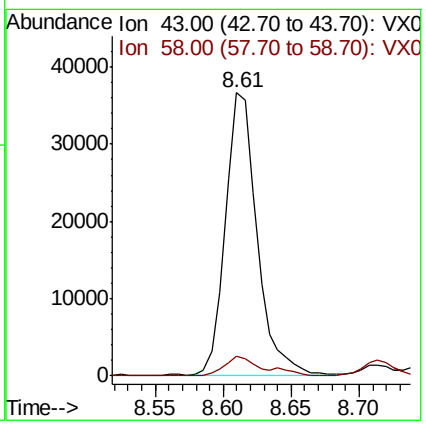


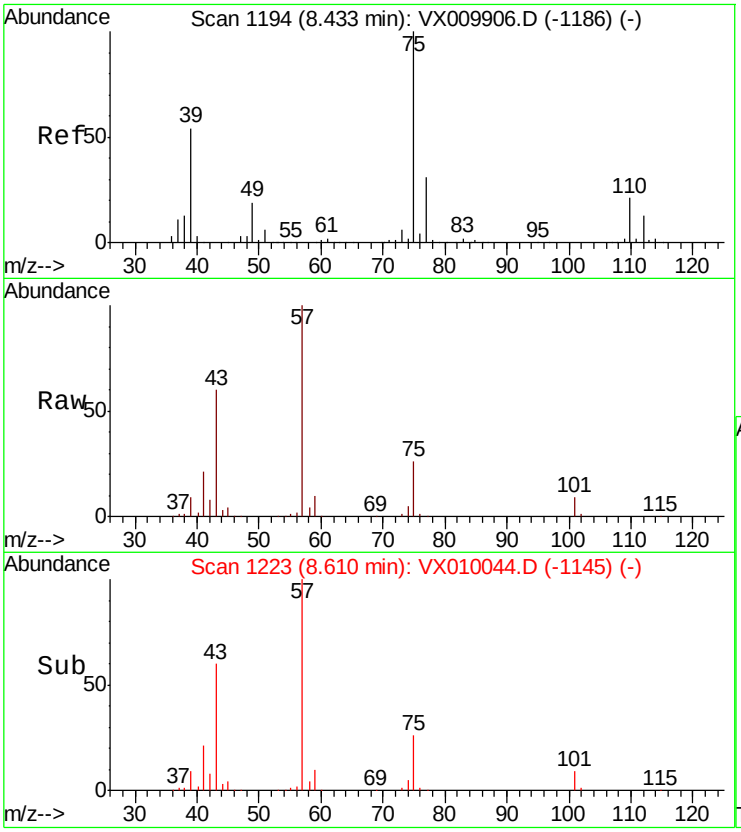


#51
4-Methyl-2-Pentanone
Concen: 14.227 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Tgt Ion: 43 Resp: 59032

Ion	Ratio	Lower	Upper
43	100		
58	8.5	28.8	43.2#



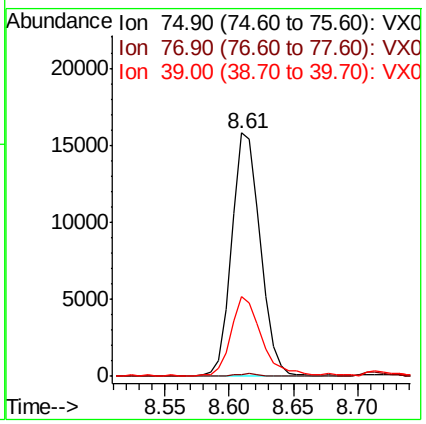


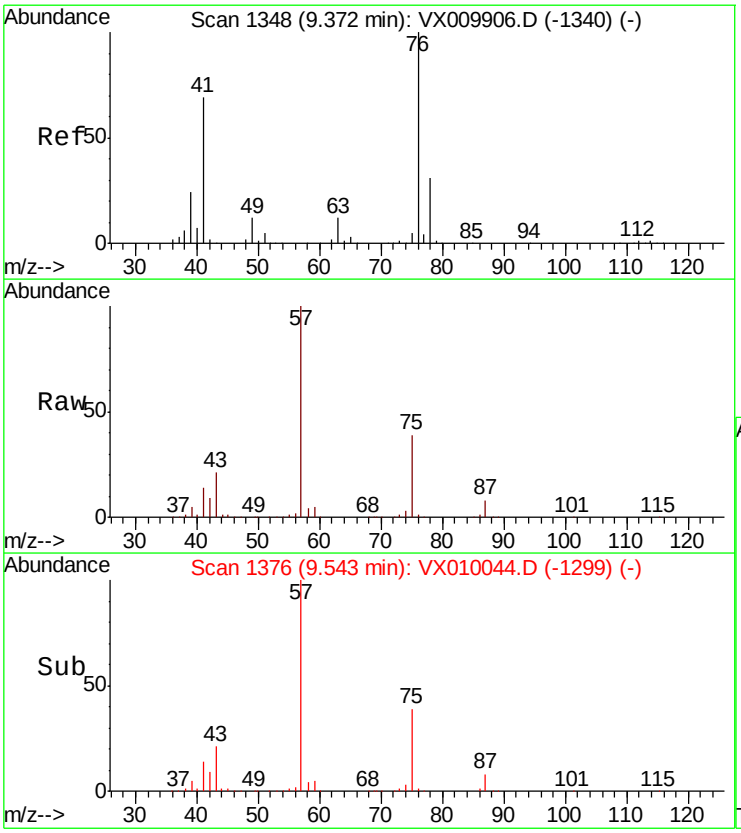
#54
cis-1,3-Dichloropropene
Concen: 6.914 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. 0.18 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 24498

Ion	Ratio	Lower	Upper
75	100		
77	0.5	24.8	37.2#
39	32.6	43.4	65.0#

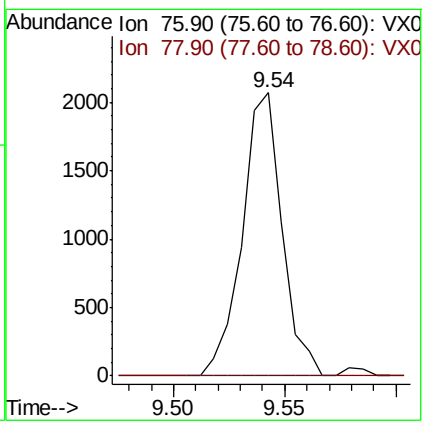


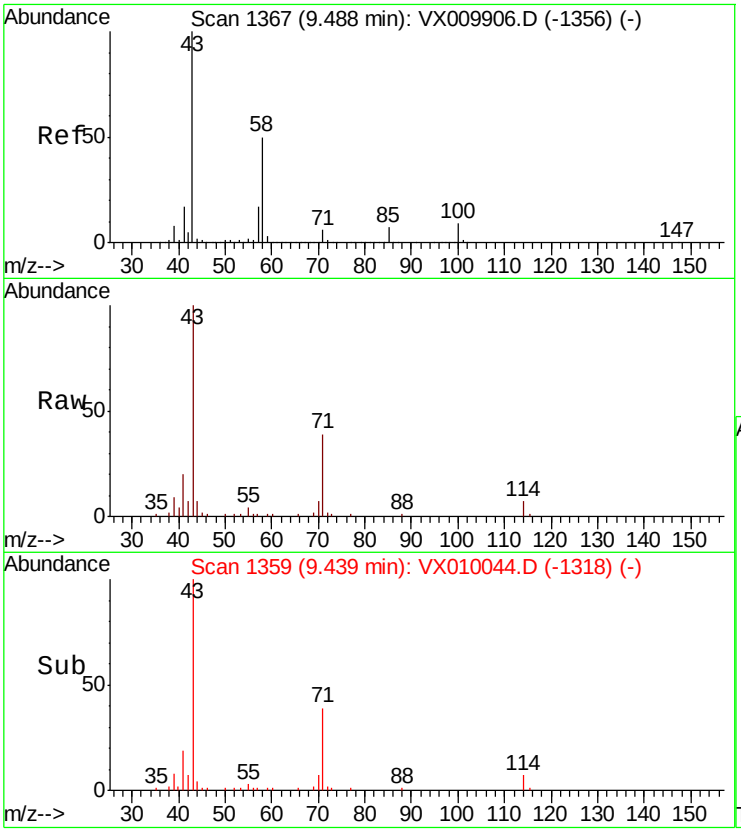


#57
1,3-Dichloropropane
Concen: 0.699 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Tgt Ion: 76 Resp: 2581

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.4	38.0#



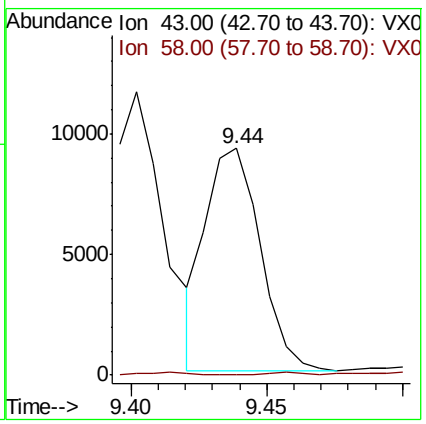


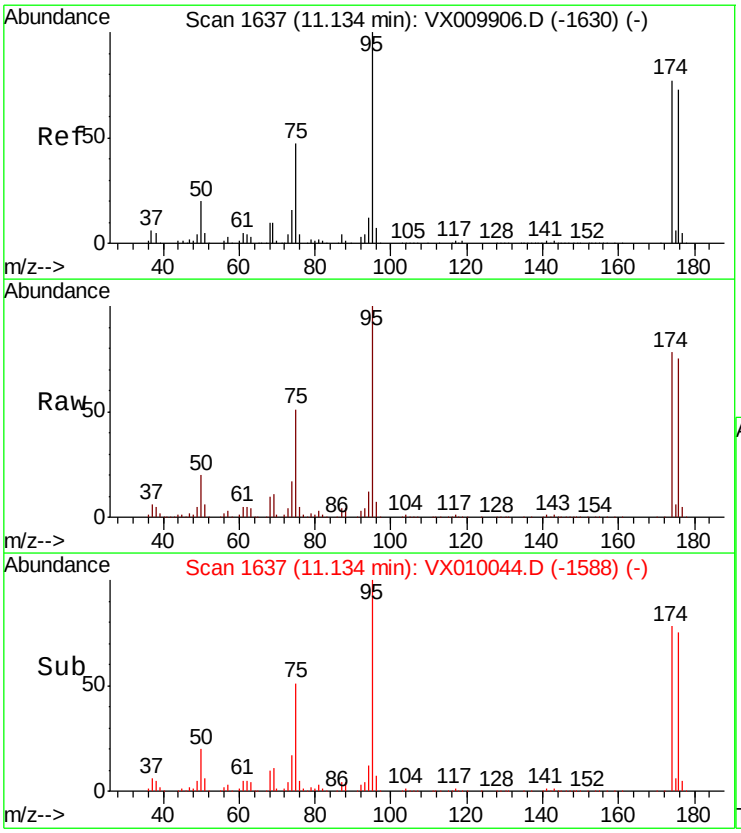
#59
2-Hexanone
Concen: 4.017 ug/l
RT: 9.44 min Scan# 1359
Delta R.T. -0.05 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 12833

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.1	75.3#

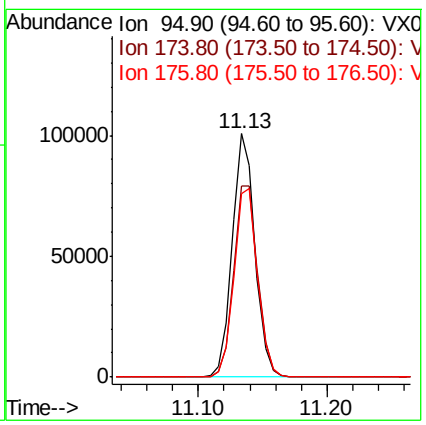


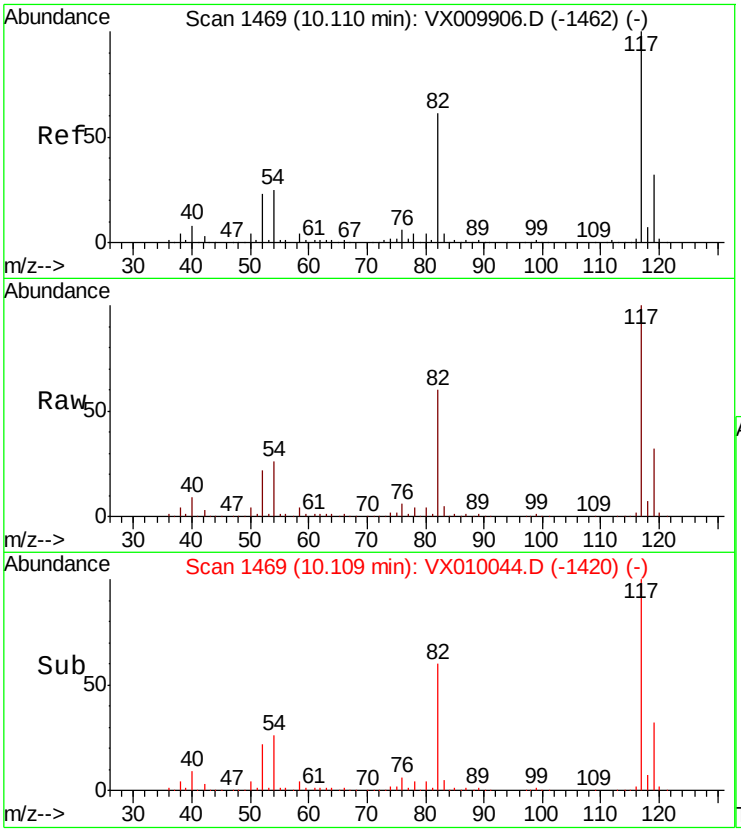


#62
4-Bromofluorobenzene
Concen: 48.410 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Tgt Ion: 95 Resp: 124126

Ion	Ratio	Lower	Upper
95	100		
174	83.1	0.0	160.4
176	80.4	0.0	154.6



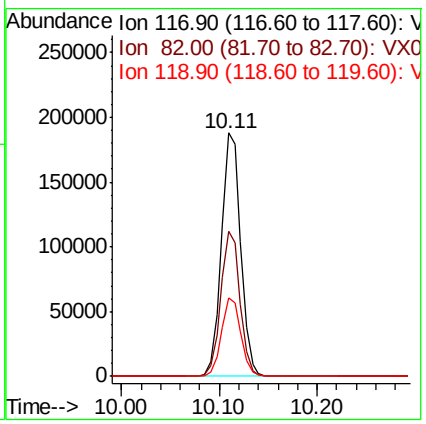


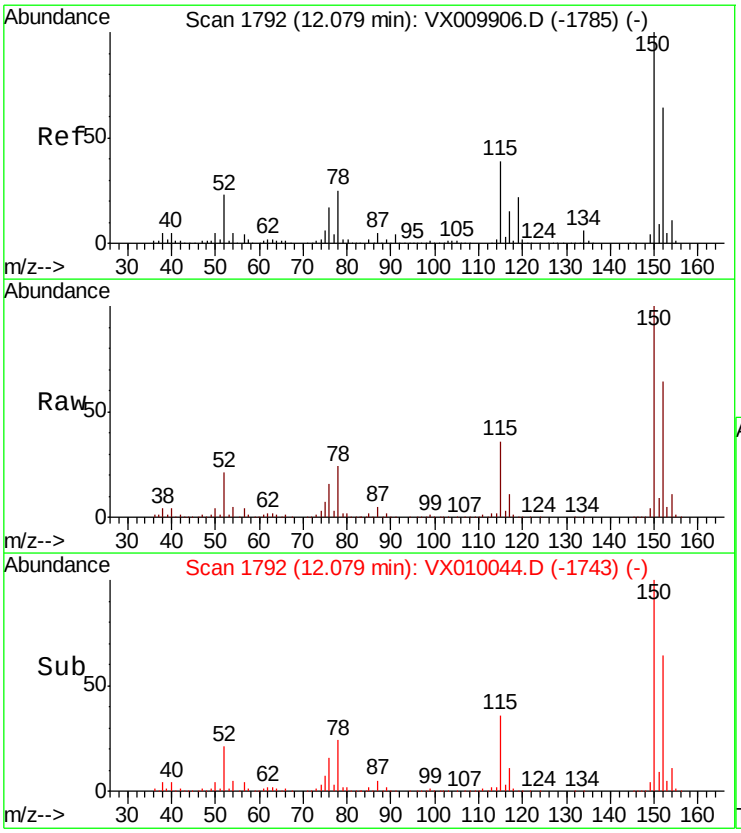
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 256729

Ion	Ratio	Lower	Upper
117	100		
82	59.7	49.2	73.8
119	32.3	25.2	37.8

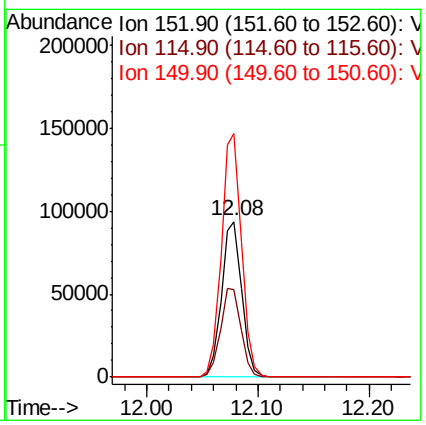


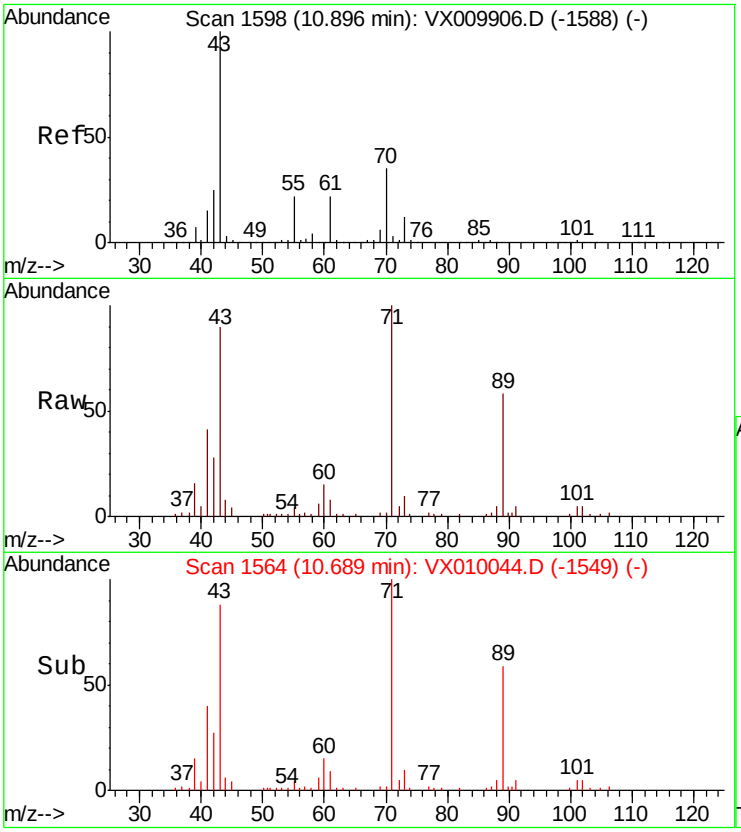


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Tgt Ion:152 Resp: 116786

Ion	Ratio	Lower	Upper
152	100		
115	57.9	41.4	124.2
150	155.8	0.0	345.2



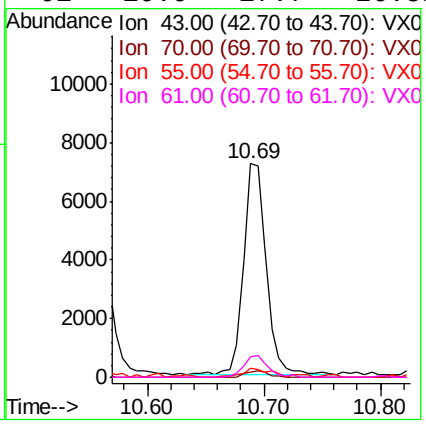


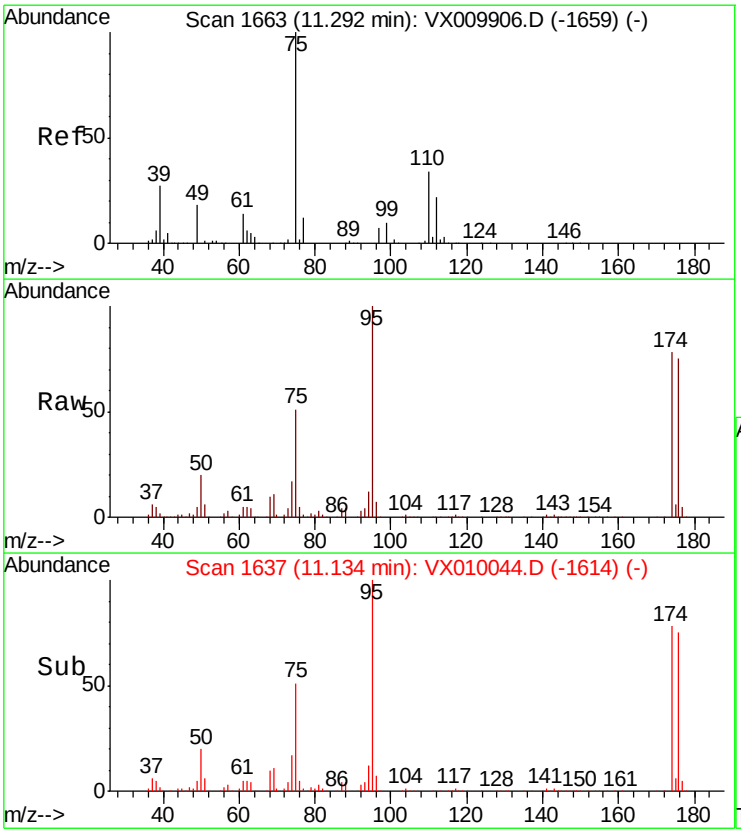
#74
N-amyl acetate
Concen: 1.916 ug/l
RT: 10.69 min Scan# 1564
Delta R.T. -0.21 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 9863

Ion	Ratio	Lower	Upper
43	100		
70	3.0	28.6	43.0#
55	5.5	17.8	26.8#
61	10.9	17.7	26.5#

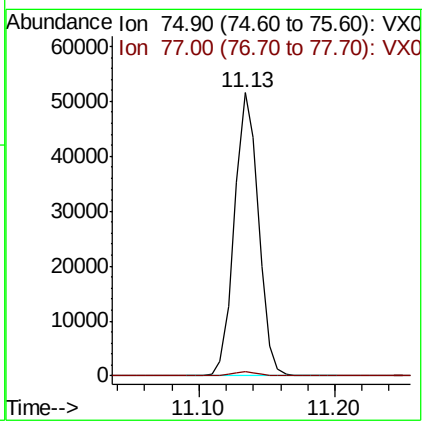


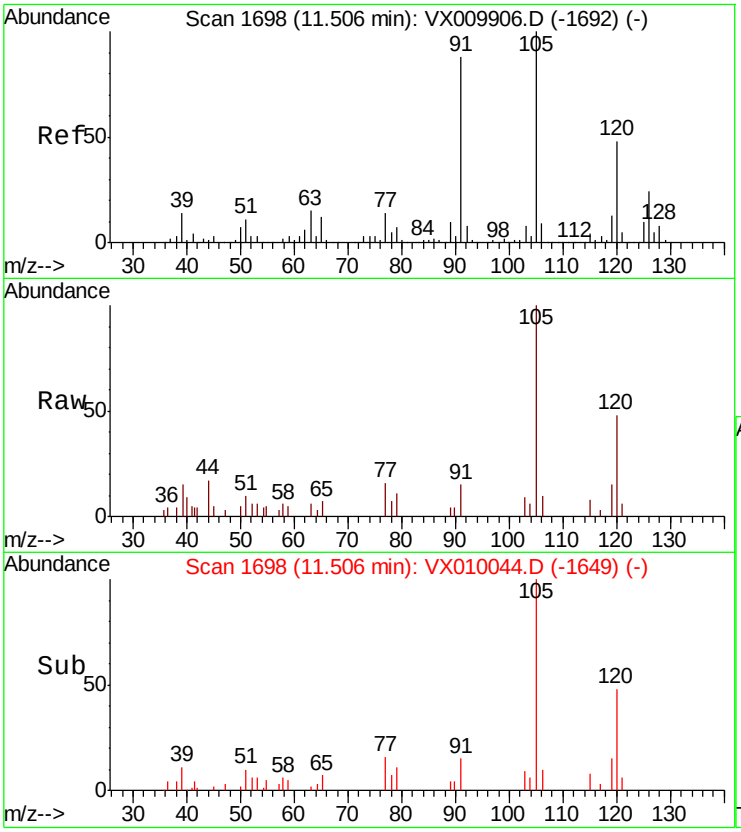


#76
1,2,3-Trichloropropane
Concen: 22.807 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Tgt Ion: 75 Resp: 63694

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.1	66.1#



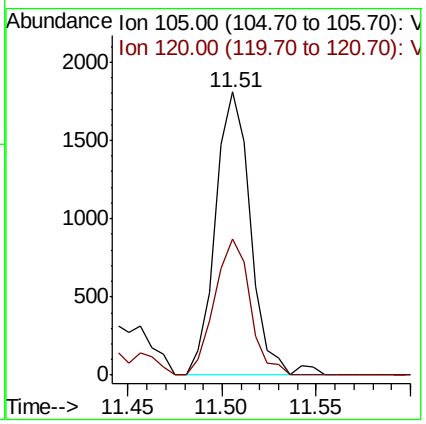


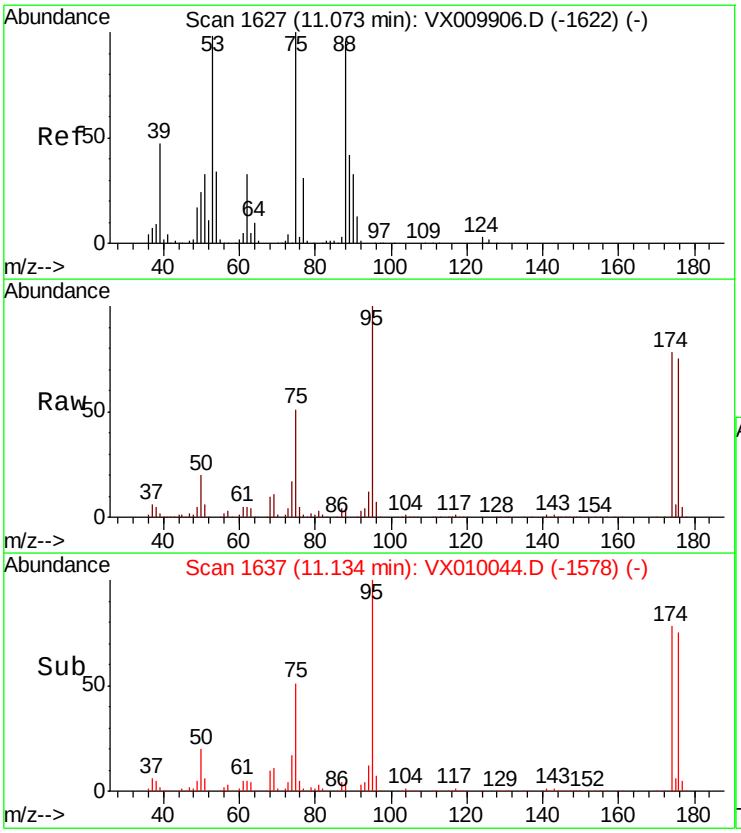
#80
1,3,5-Trimethylbenzene
Concen: 0.323 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 2345

Ion	Ratio	Lower	Upper
105	100		
120	48.5	24.1	72.3

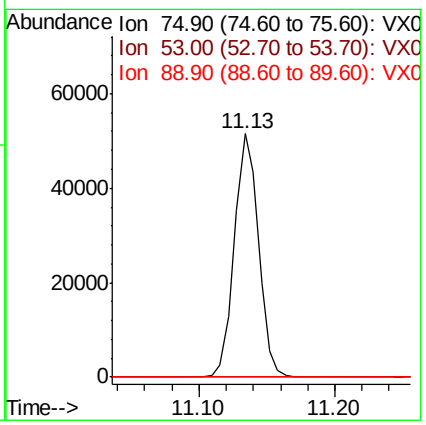


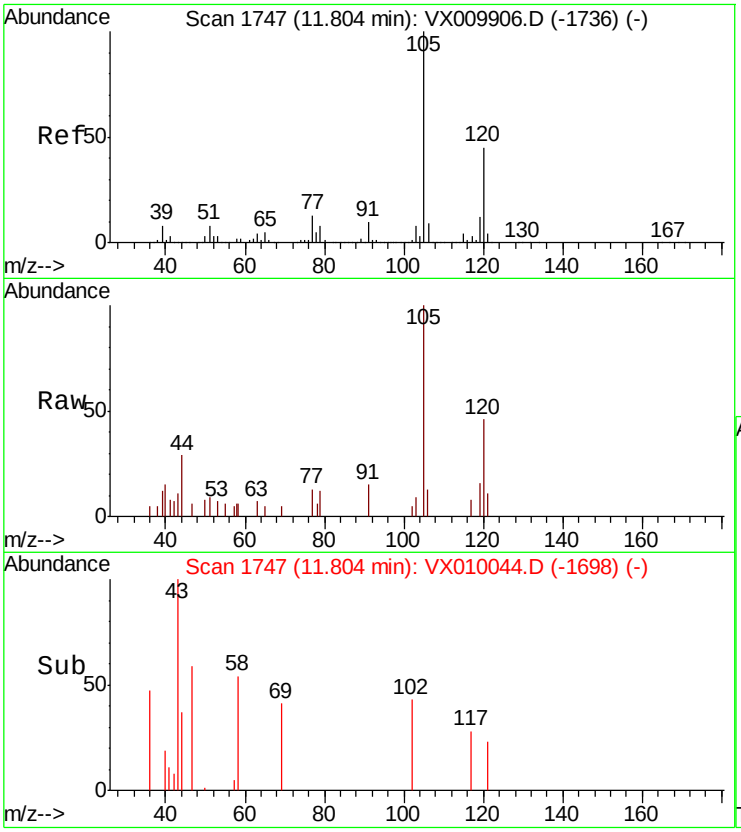


#81
trans-1,4-Dichloro-2-butene
Concen: 56.429 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Tgt Ion: 75 Resp: 63694

Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.8	119.6#
89	0.0	34.2	51.4#



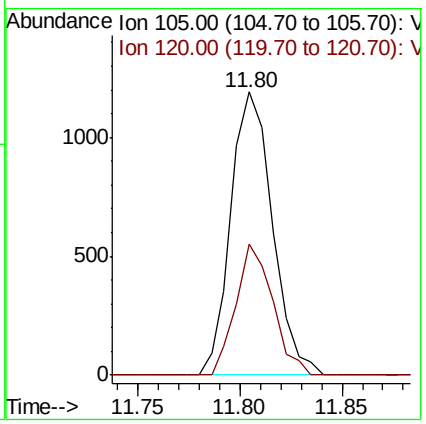


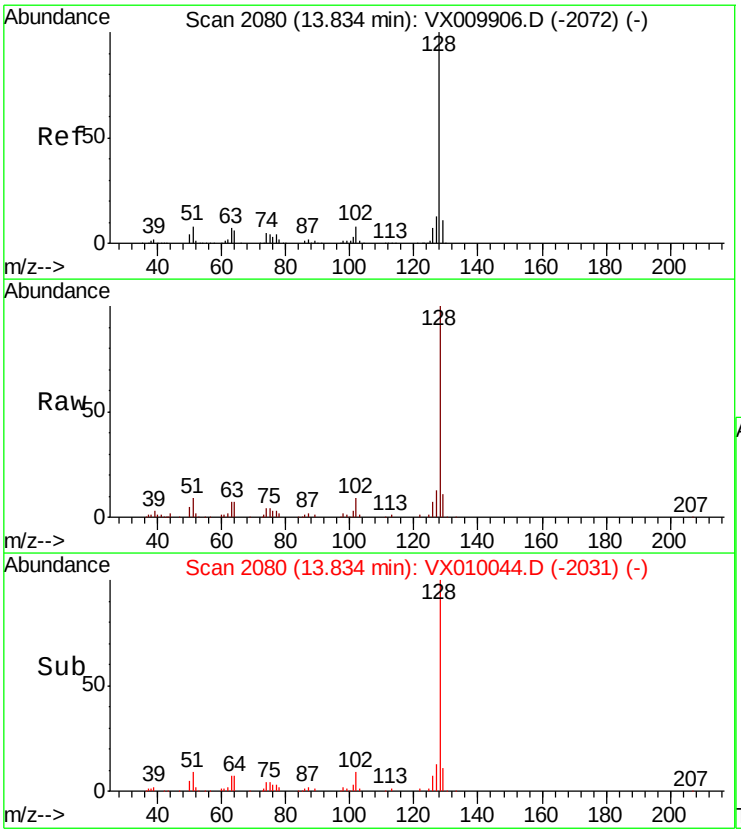
#84
1,2,4-Trimethylbenzene
Concen: 0.229 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 1686

Ion	Ratio	Lower	Upper
105	100		
120	40.8	22.1	66.1





#95
Naphthalene
Concen: 2.348 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010044.D
Acq: 03 Jun 2019 18:21

Tgt Ion:128 Resp: 20126

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	16.0
129	11.0	8.8	13.2