Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052319\
Data File : VX009870.D
Acq On : 23 May 2019 19:48
Operator : JC/SP
Sample : K3000-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: May 24 03:54:46 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	177172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	284352	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112386	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118358	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.88%			
35) Dibromofluoromethane	5.50	113	85880	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.08%			
50) Toluene-d8	8.71	98	358558	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.36%			
62) 4-Bromofluorobenzene	11.13	95	124145	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.68%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	827	0.371	ug/l	96
4) Vinyl Chloride	1.41	62	13057	6.007	ug/l	98
11) Tert butyl alcohol	3.04	59	1947	3.478	ug/l	96
16) Acetone	2.45	43	7474	5.755	ug/l	97
18) Methyl Acetate	2.78	43	5659	1.832	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	9219	5.114	ug/l	94
25) 2-Butanone	4.69	43	1626	0.806	ug/l #	87
27) cis-1,2-Dichloroethene	4.60	96	2305	1.071	ug/l	94
28) Bromochloromethane	5.00	49	85	Below Cal	#	20
36) 1,1-Dichloropropene	5.67	75	13971	5.287	ug/l #	51
38) Carbon Tetrachloride	5.67	117	16655	6.937	ug/l #	16
40) Benzene	6.15	78	17310	2.117	ug/l	97
42) 1,2-Dichloroethane	6.19	62	786	0.268	ug/l	91
51) 4-Methyl-2-Pentanone	8.64	43	2655	0.690	ug/l #	85
52) Toluene	8.78	92	1513	0.304	ug/l	91
65) Chlorobenzene	10.13	112	38569	7.543	ug/l	97
67) Ethyl Benzene	10.25	91	4750	0.505	ug/l	99
68) m/p-Xylenes	10.36	106	2416	0.703	ug/l	95
69) o-Xylene	10.69	106	2147	0.633	ug/l	92
76) 1,2,3-Trichloropropane	11.13	75	64816	24.863	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	64816	63.615	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	1915	0.277	ug/l	91

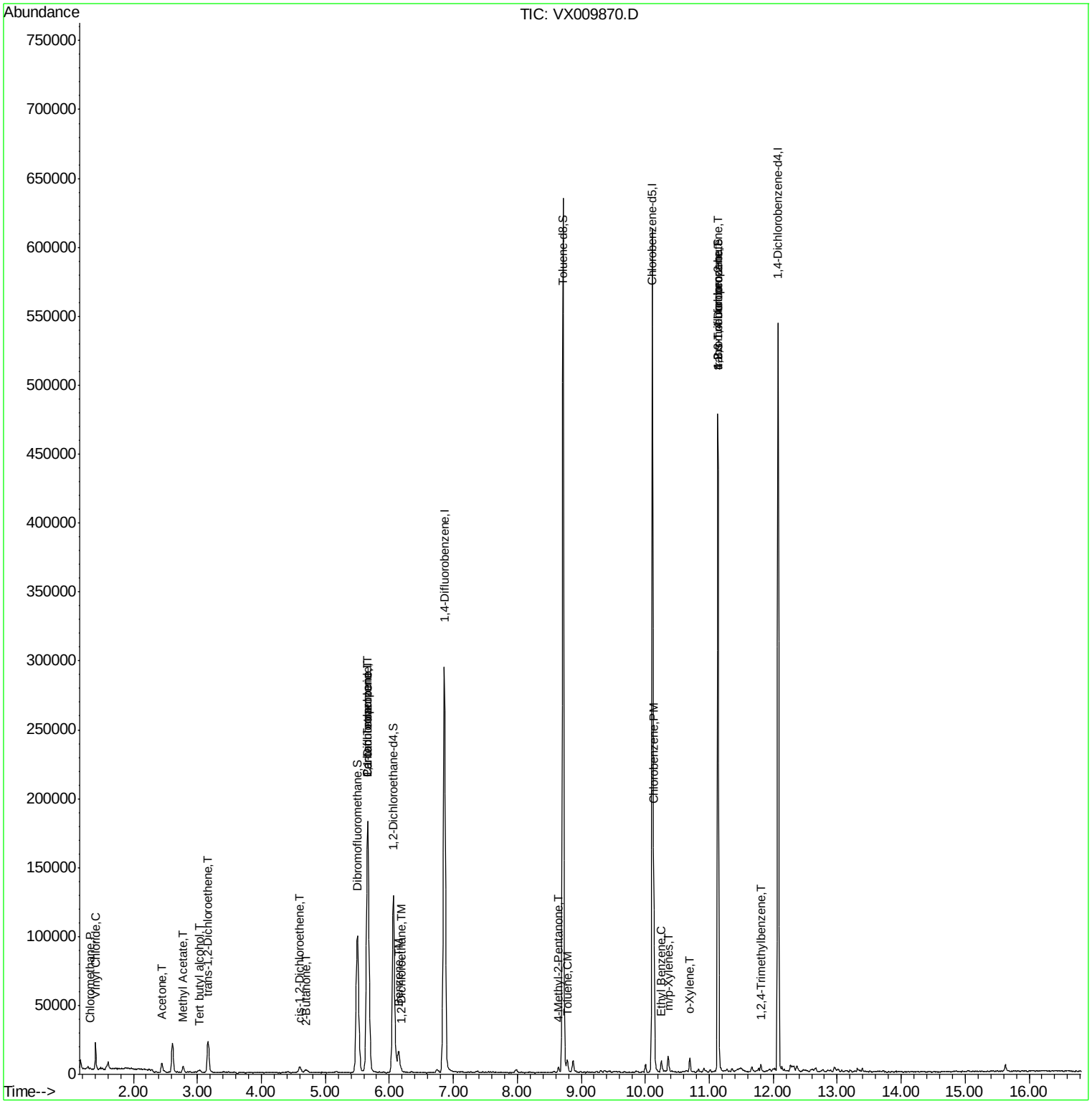
(#) = qualifier out of range (m) = manual integration (+) = signals summed

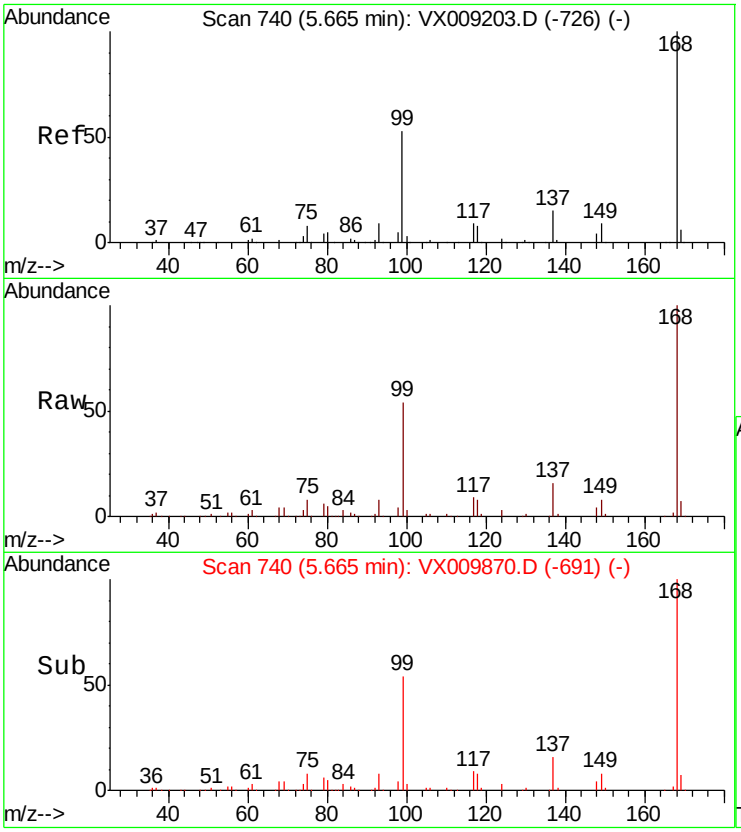
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052319\
Data File : VX009870.D
Acq On : 23 May 2019 19:48
Operator : JC/SP
Sample : K3000-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 24 03:54:46 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



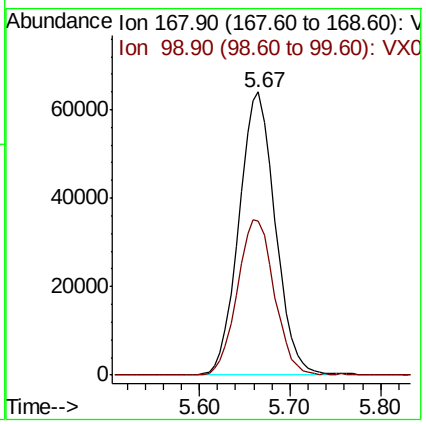


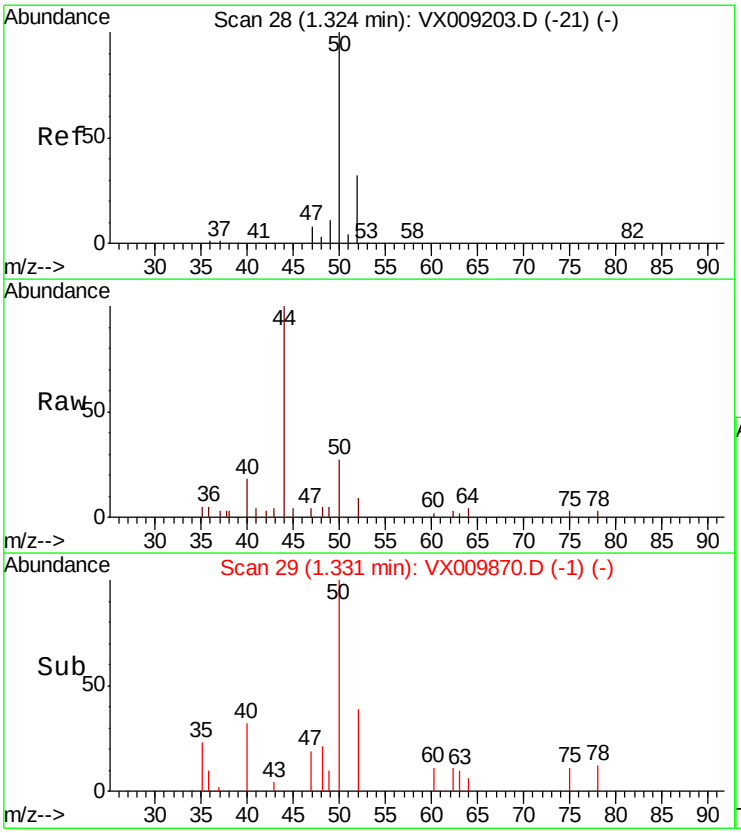
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX009870.D
Acq: 23 May 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 177172

Ion	Ratio	Lower	Upper
168	100		
99	54.3	42.3	63.5

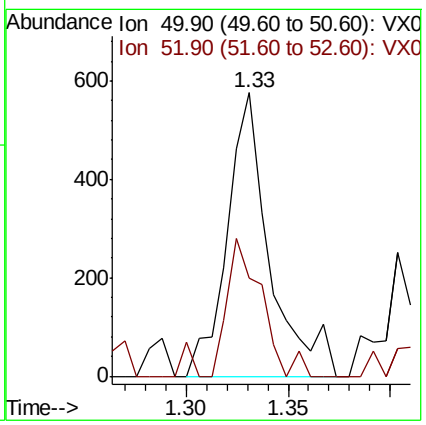


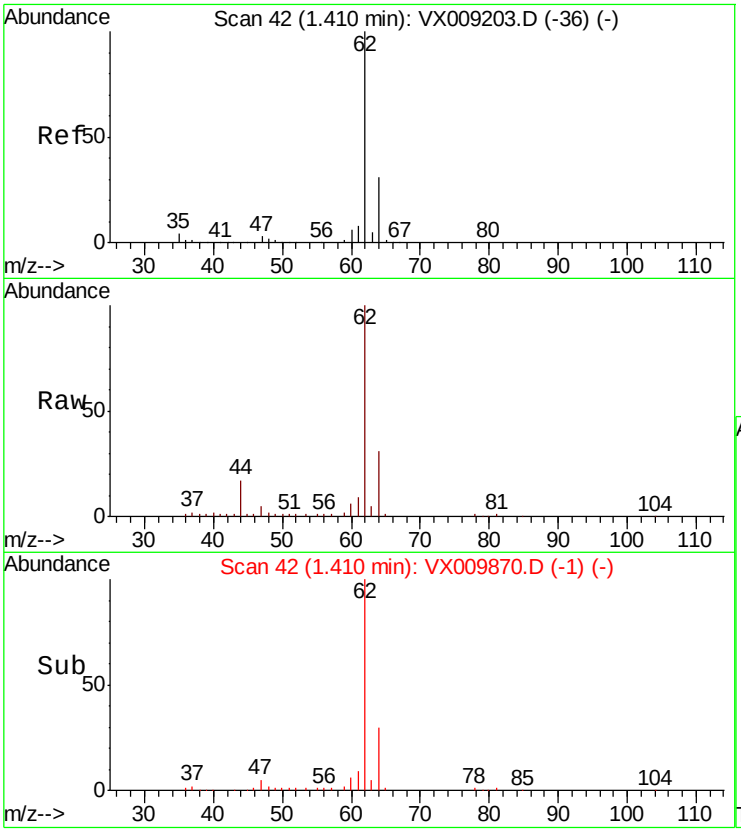


#3
Chloromethane
Concen: 0.371 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX009870.D
Acq: 23 May 2019 19:48

Tgt Ion: 50 Resp: 827

Ion	Ratio	Lower	Upper
50	100		
52	34.7	25.9	38.9



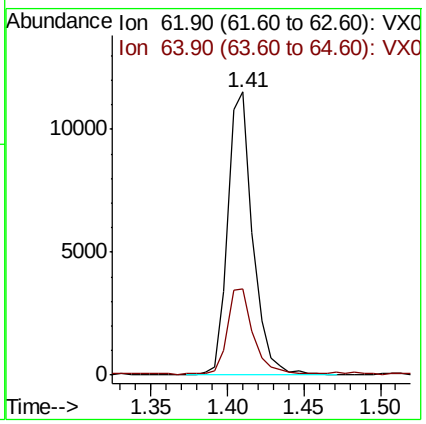


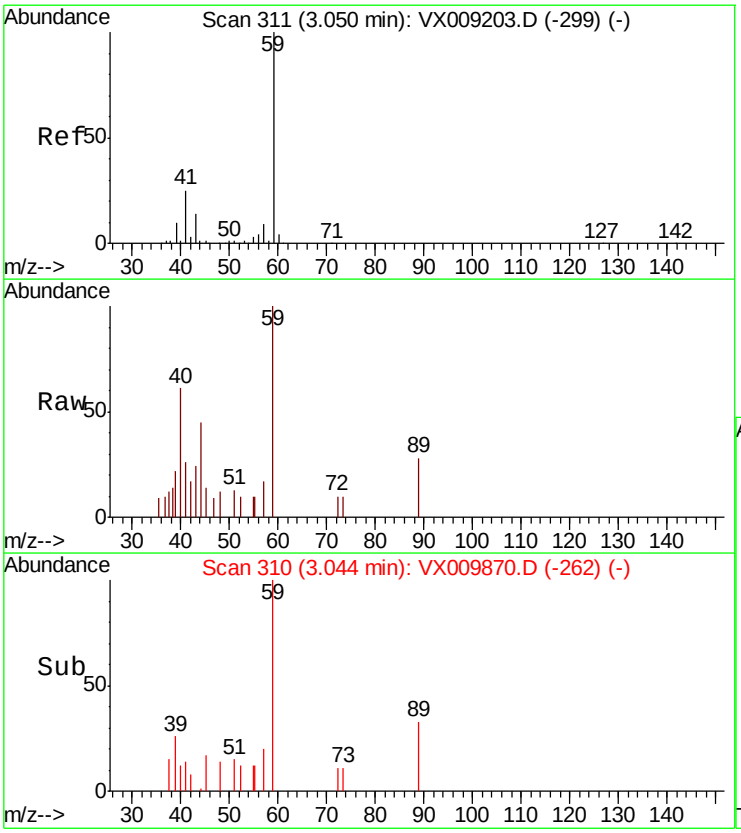
#4
Vinyl Chloride
Concen: 6.007 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX009870.D
Acq: 23 May 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 13057

Ion	Ratio	Lower	Upper
62	100		
64	29.8	24.6	36.8

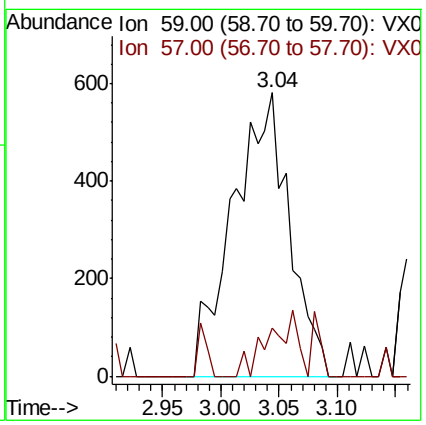


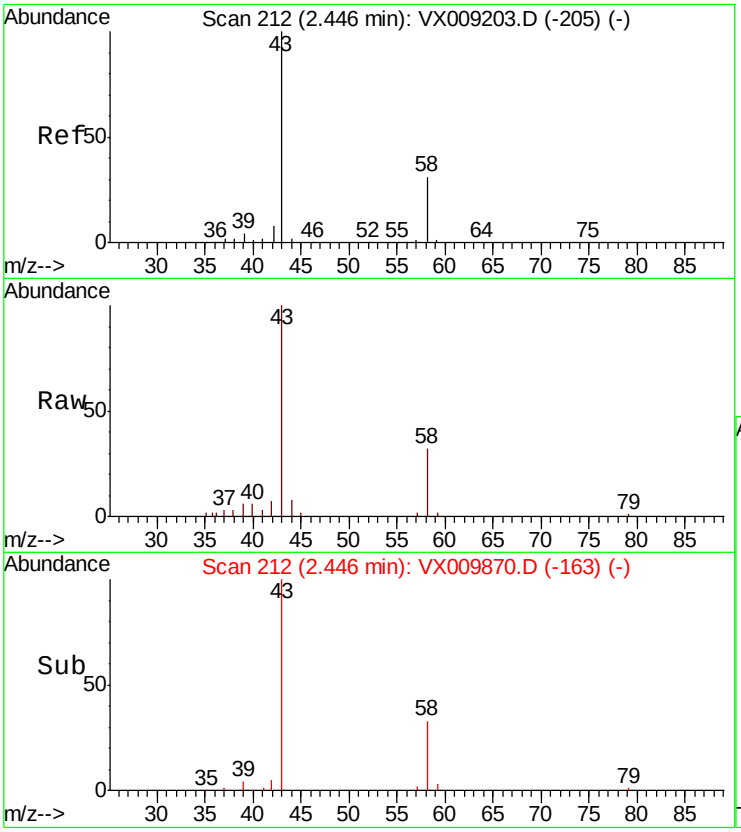


#11
Tert butyl alcohol
Concen: 3.478 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009870.D
Acq: 23 May 2019 19:48

Tgt Ion: 59 Resp: 1947

Ion	Ratio	Lower	Upper
59	100		
57	11.9	8.2	12.2



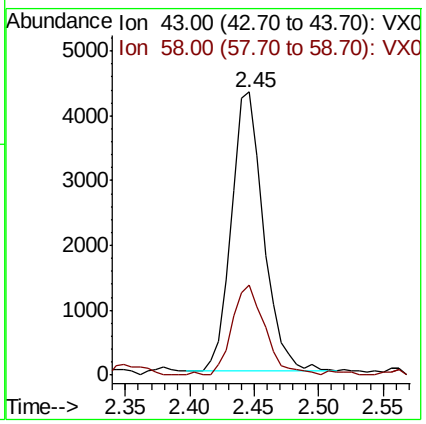


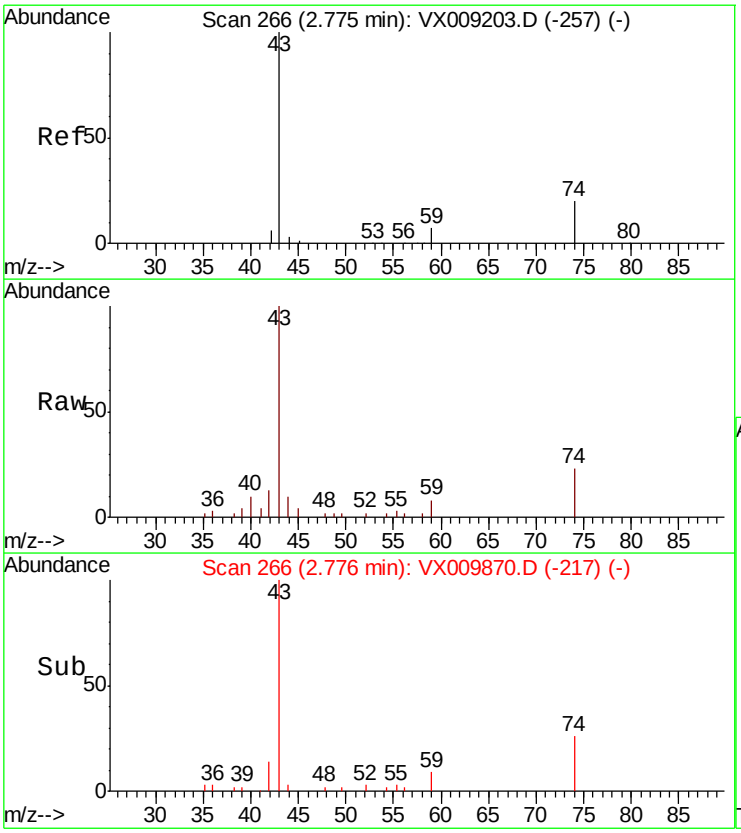
#16
Acetone
Concen: 5.755 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX009870.D
Acq: 23 May 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 7474

Ion	Ratio	Lower	Upper
43	100		
58	32.5	24.9	37.3

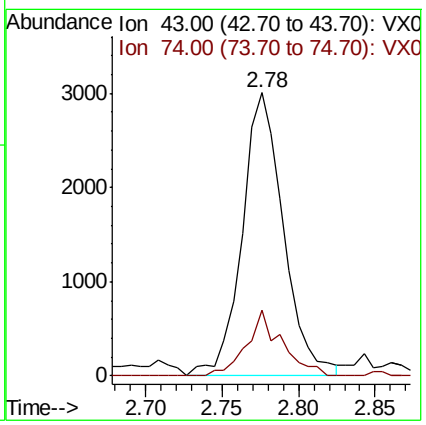


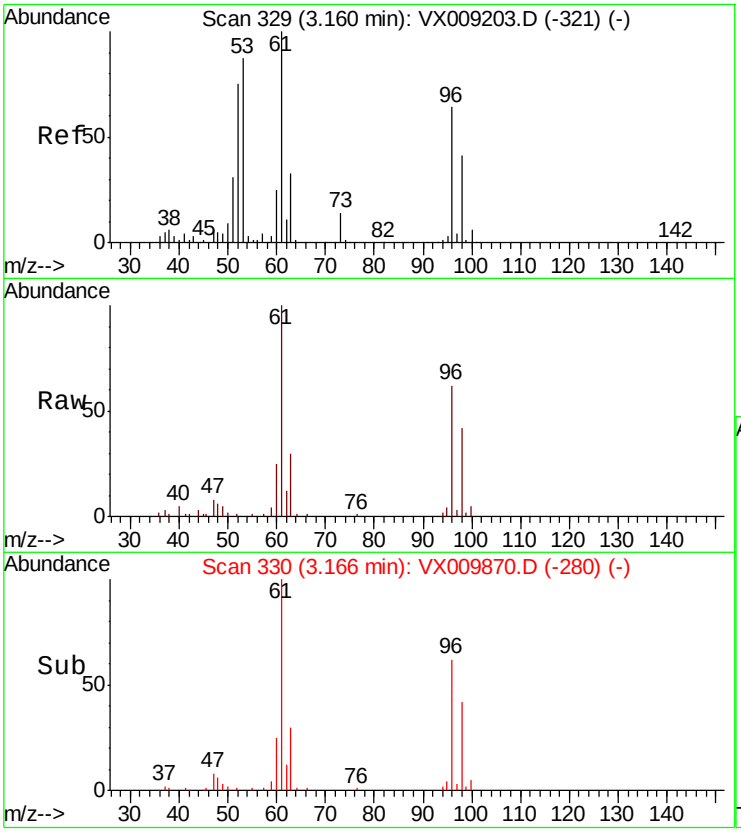


#18
Methyl Acetate
Concen: 1.832 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009870.D
Acq: 23 May 2019 19:48

Tgt Ion: 43 Resp: 5659

Ion	Ratio	Lower	Upper
43	100		
74	19.7	16.2	24.4



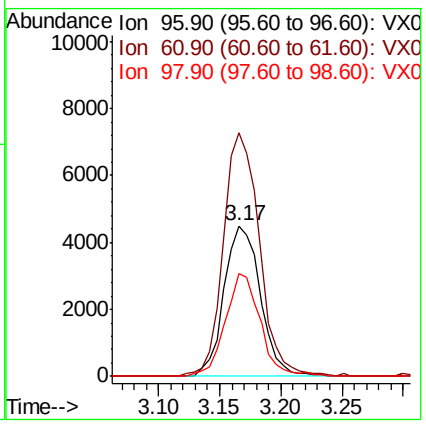


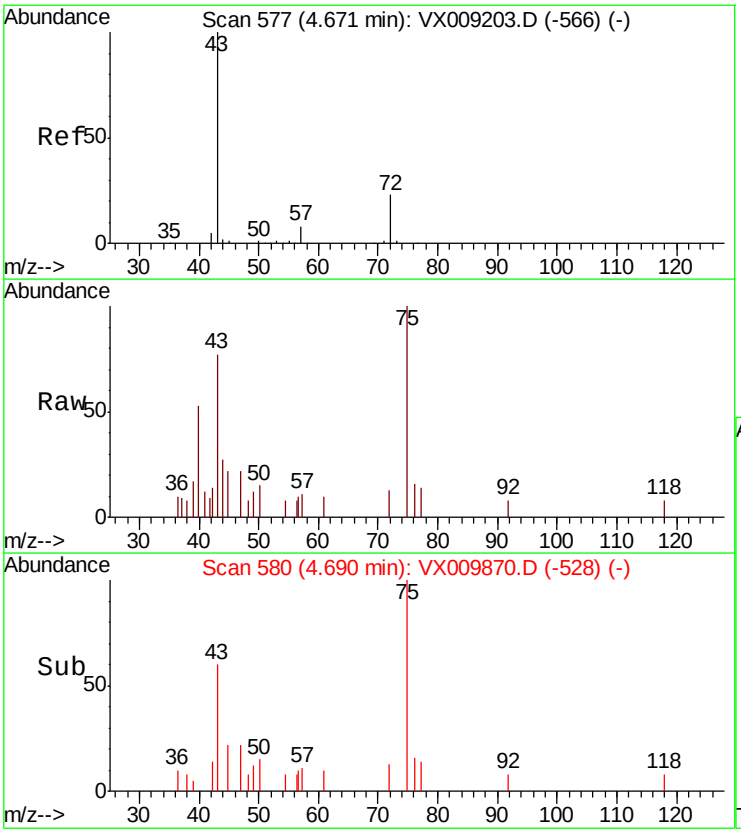
#21
trans-1,2-Dichloroethene
Concen: 5.114 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.01 min
Lab File: VX009870.D
Acq: 23 May 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 9219

Ion	Ratio	Lower	Upper
96	100		
61	161.9	124.5	186.7
98	68.6	50.4	75.6

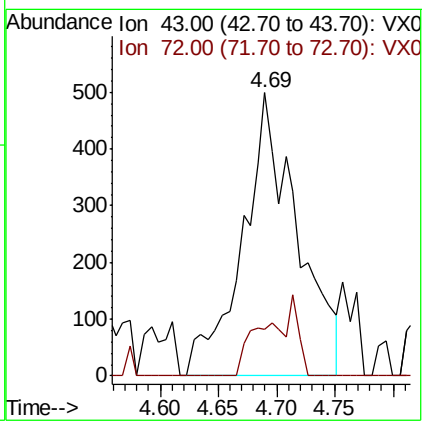


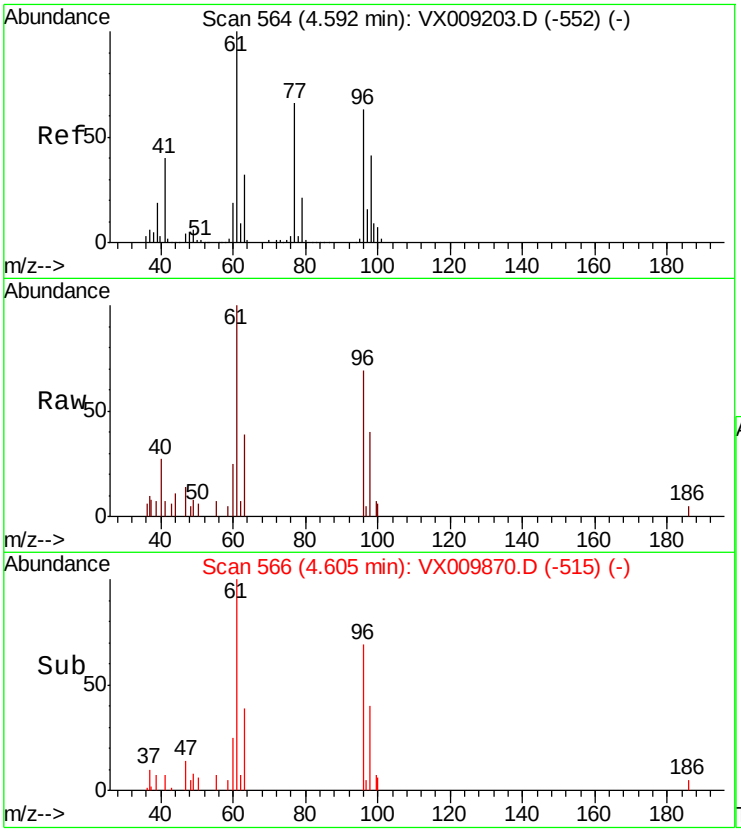


#25
2-Butanone
Concen: 0.806 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX009870.D
Acq: 23 May 2019 19:48

Tgt Ion: 43 Resp: 1626

Ion	Ratio	Lower	Upper
43	100		
72	16.6	18.2	27.2#



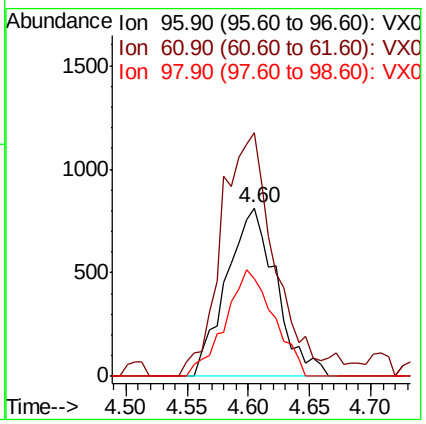


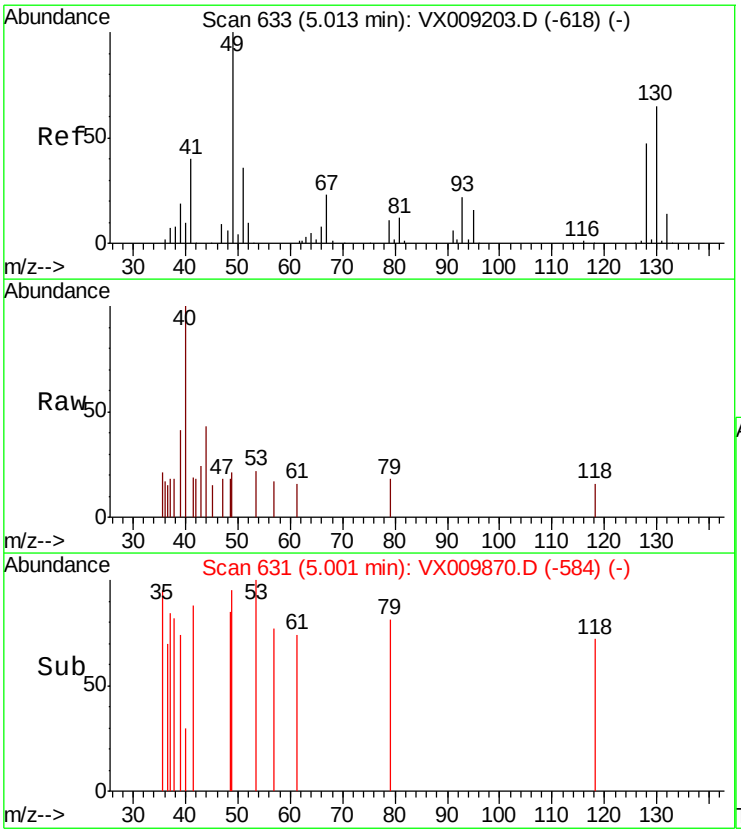
#27
cis-1,2-Dichloroethene
Concen: 1.071 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX009870.D
Acq: 23 May 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 2305

Ion	Ratio	Lower	Upper
96	100		
61	152.7	0.0	324.0
98	61.0	0.0	130.4

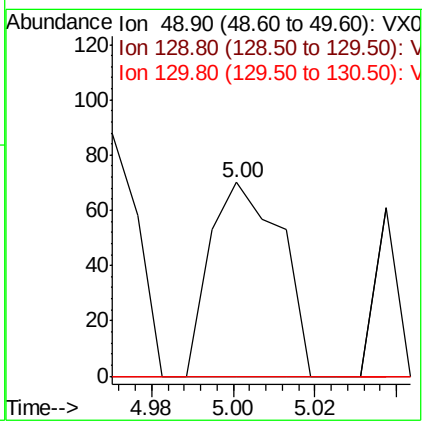


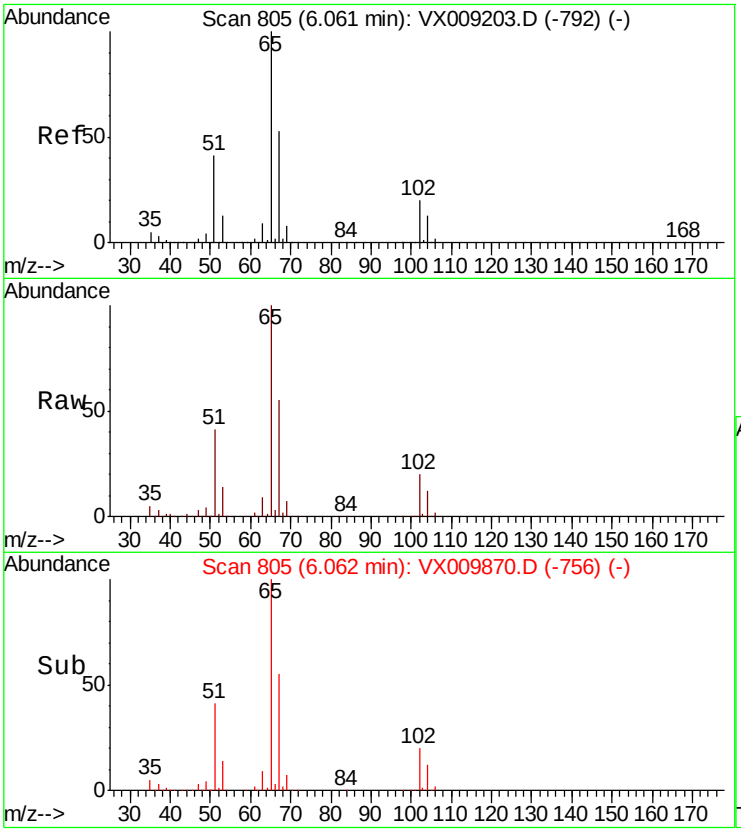


#28
Bromochloromethane
Concen: Below Cal
RT: 5.00 min Scan# 631
Delta R.T. -0.01 min
Lab File: VX009870.D
Acq: 23 May 2019 19:48

Tgt Ion: 49 Resp: 85

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



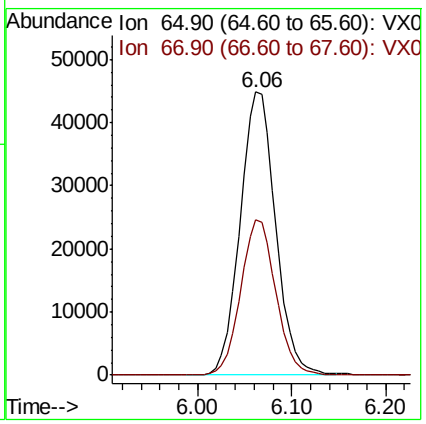


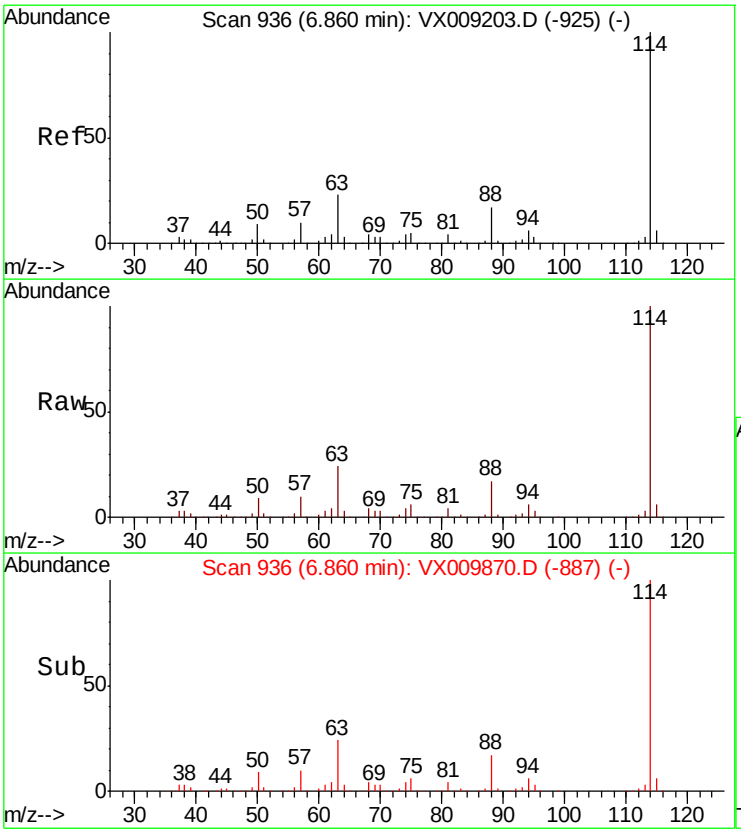
#33
1,2-Dichloroethane-d4
Concen: 48.936 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009870.D
Acq: 23 May 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 118358

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	106.6

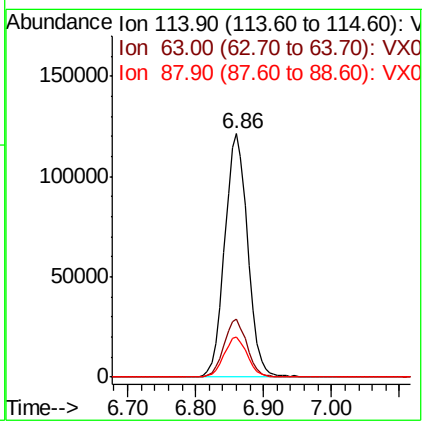


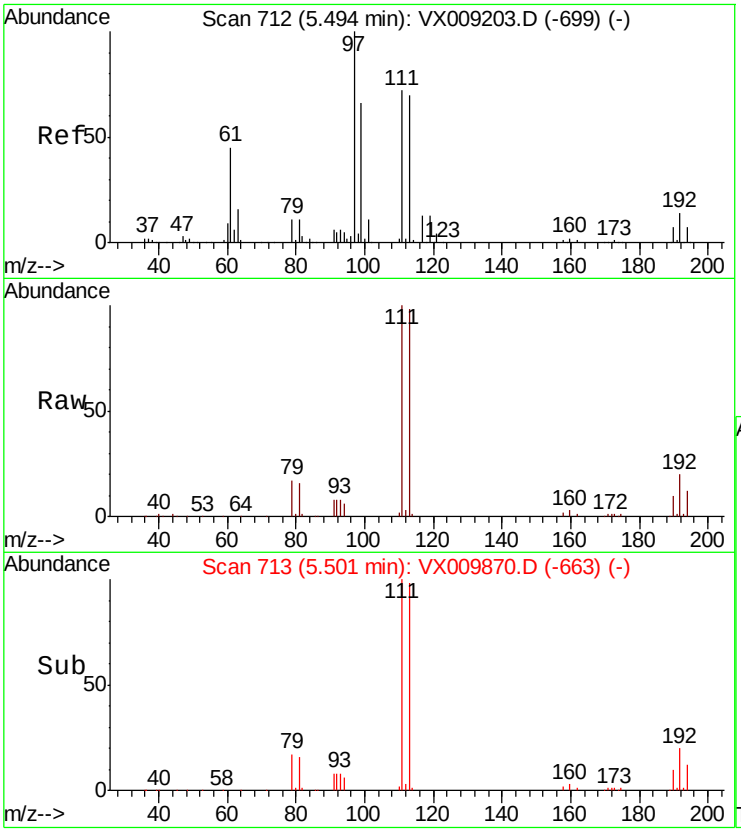


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009870.D
Acq: 23 May 2019 19:48

Tgt Ion:114 Resp: 284352

Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	45.6
88	16.6	0.0	33.2



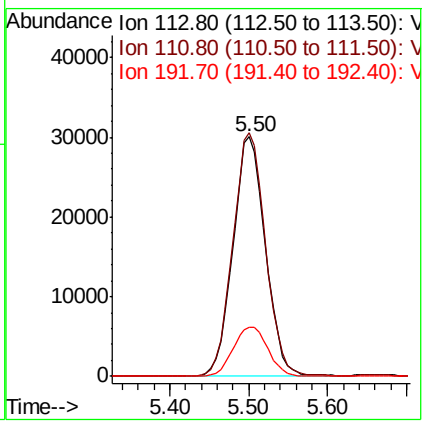


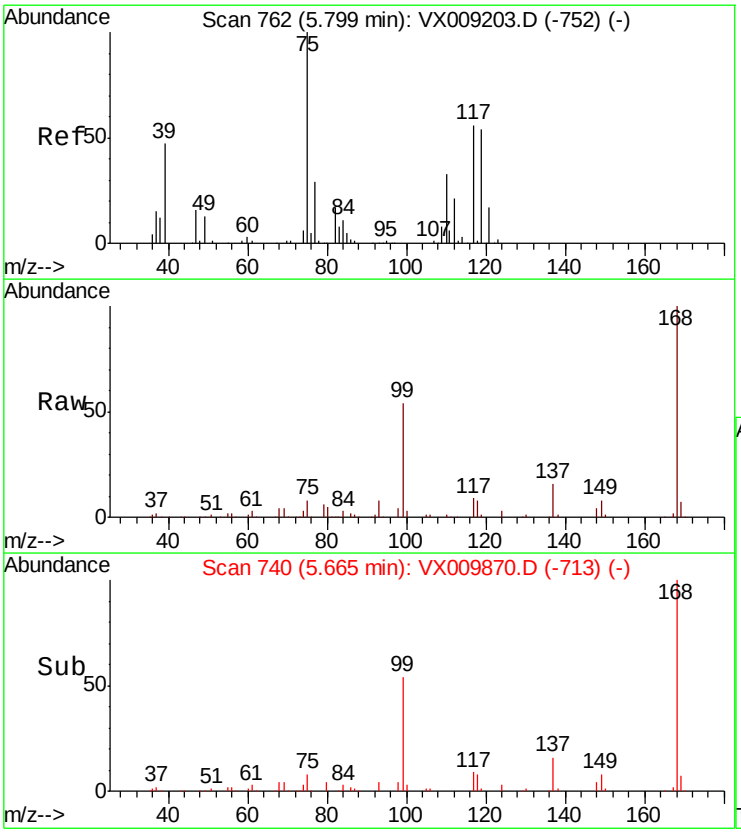
#35
Dibromofluoromethane
Concen: 48.043 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009870.D
Acq: 23 May 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 85880

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.8	124.2
192	22.0	17.0	25.6

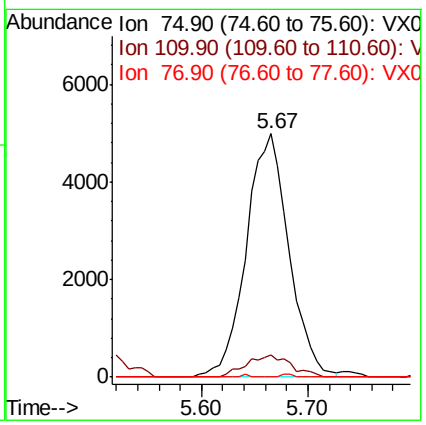


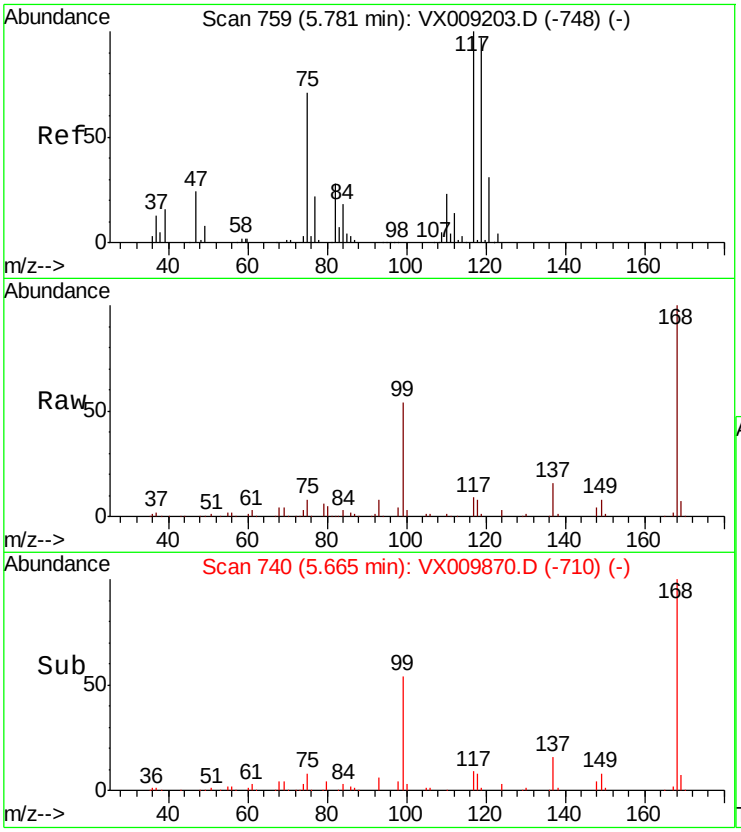


#36
1,1-Dichloropropene
Concen: 5.287 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX009870.D
Acq: 23 May 2019 19:48

Tgt Ion: 75 Resp: 13971

Ion	Ratio	Lower	Upper
75	100		
110	9.4	16.9	50.6#
77	0.4	24.8	37.2#



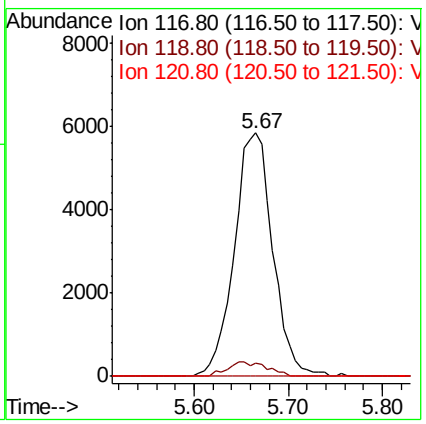


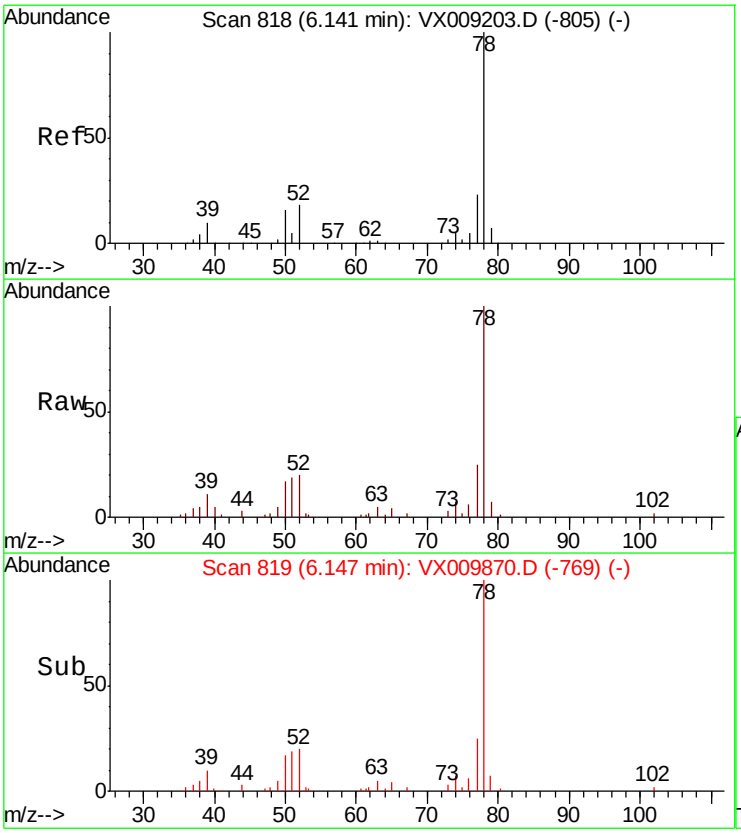
#38
Carbon Tetrachloride
Concen: 6.937 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX009870.D
Acq: 23 May 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 16655

Ion	Ratio	Lower	Upper
117	100		
119	5.6	77.5	116.3#
121	0.0	24.7	37.1#

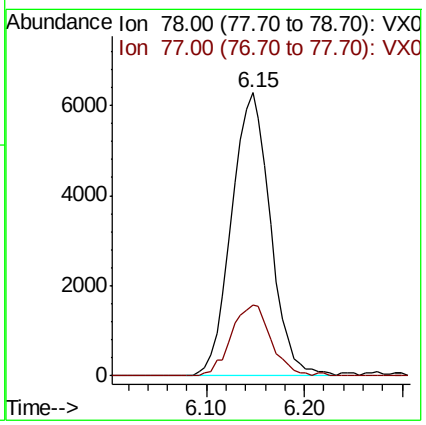


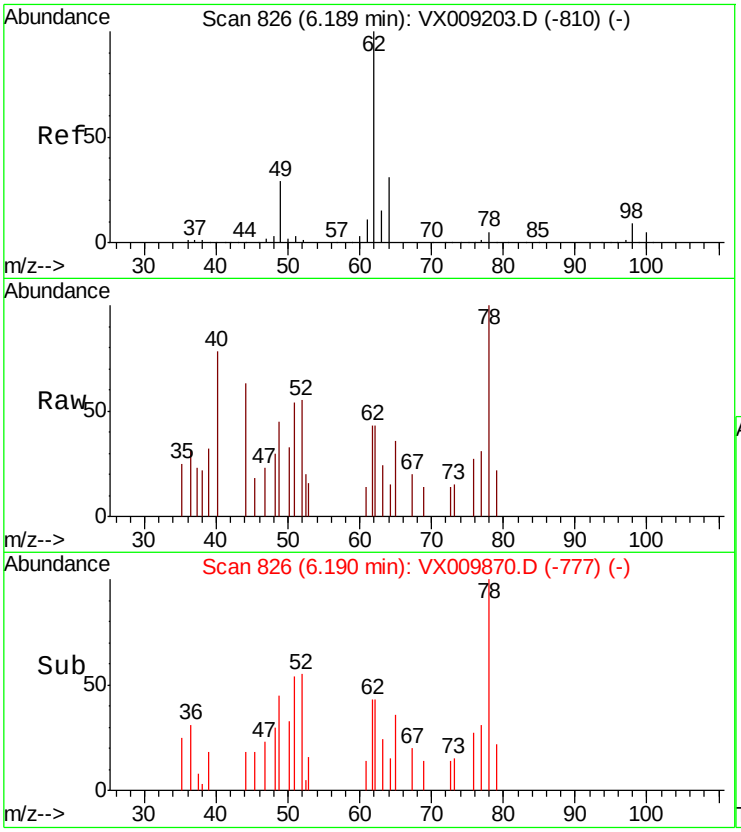


#40
Benzene
Concen: 2.117 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX009870.D
Acq: 23 May 2019 19:48

Tgt Ion: 78 Resp: 17310

Ion	Ratio	Lower	Upper
78	100		
77	25.1	18.8	28.2

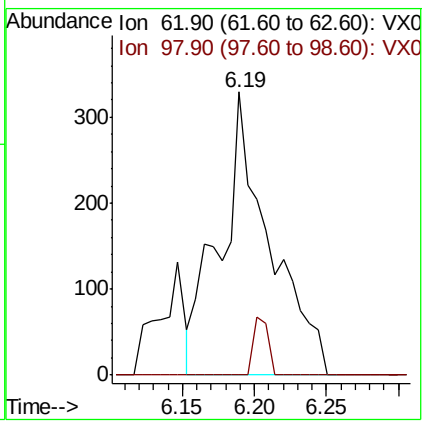




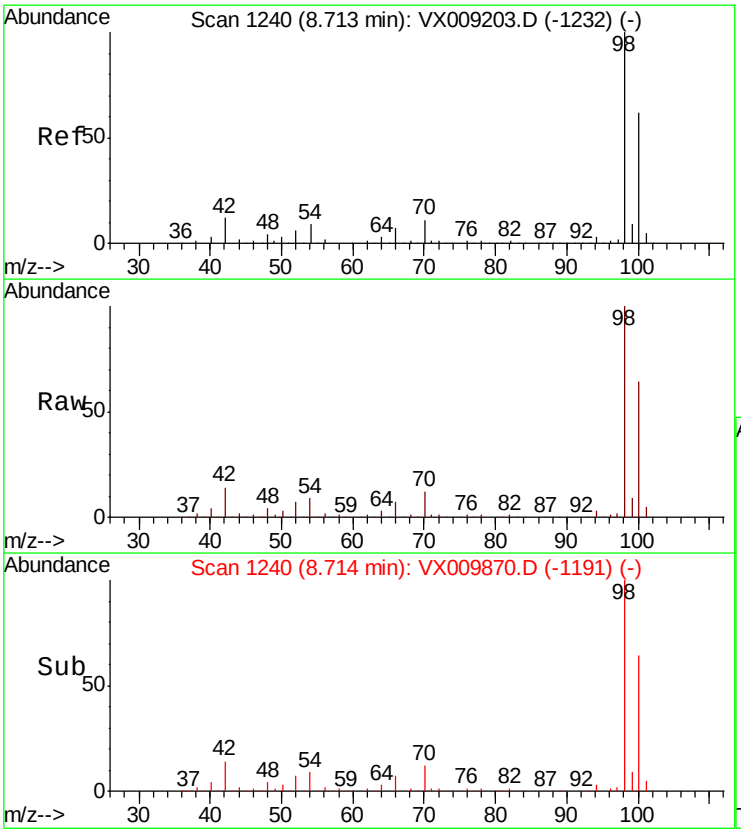
#42
1,2-Dichloroethane
Concen: 0.268 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX009870.D
Acq: 23 May 2019 19:48

Tgt Ion: 62 Resp: 786

Ion	Ratio	Lower	Upper
62	100		
98	6.0	0.0	18.2



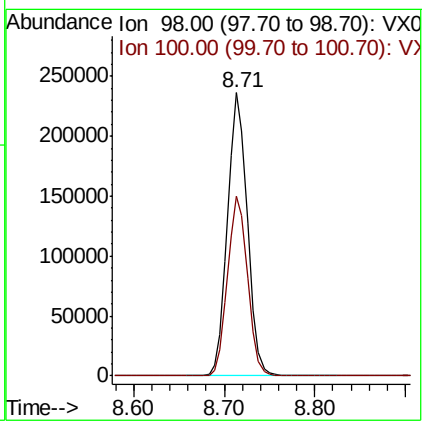
Instrument :
MSVOA_X
ClientSampleId :

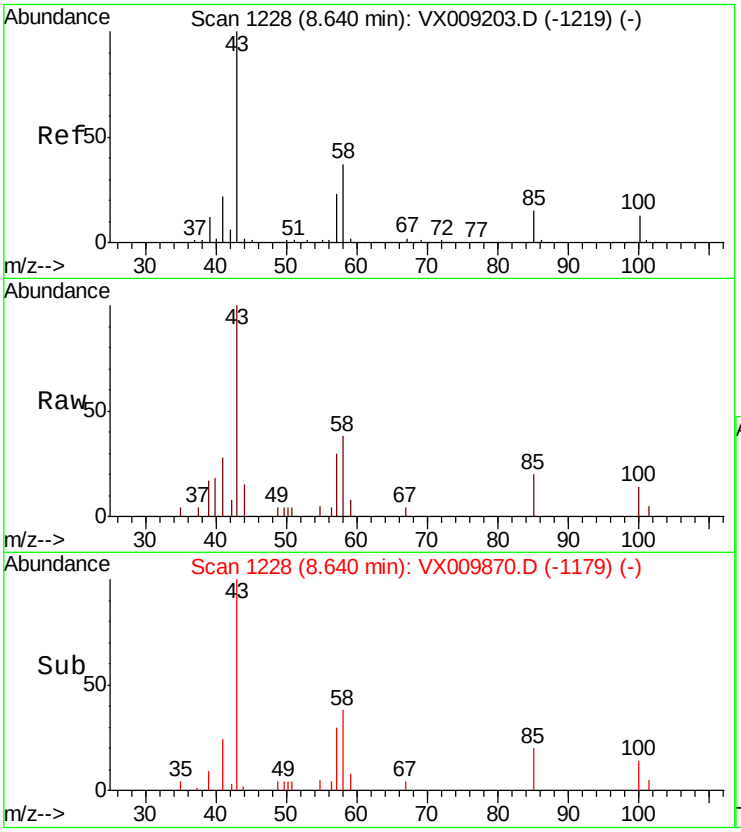


#50
Toluene-d8
Concen: 49.684 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009870.D
Acq: 23 May 2019 19:48

Tgt Ion: 98 Resp: 358558

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.2	76.8



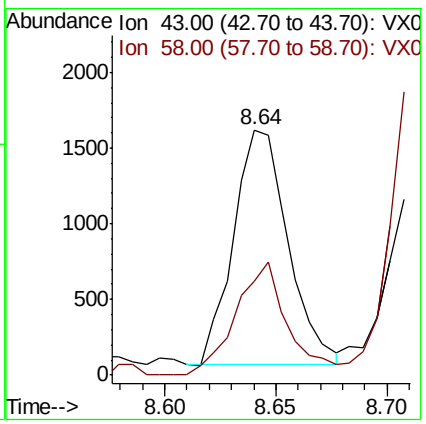


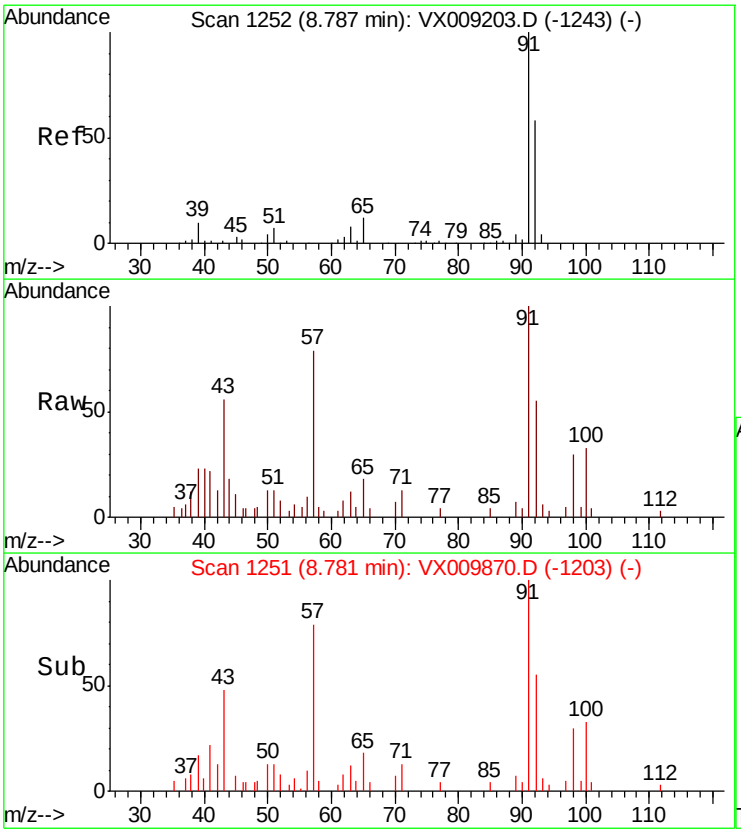
#51
4-Methyl-2-Pentanone
Concen: 0.690 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX009870.D
Acq: 23 May 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2655

Ion	Ratio	Lower	Upper
43	100		
58	45.8	29.5	44.3#

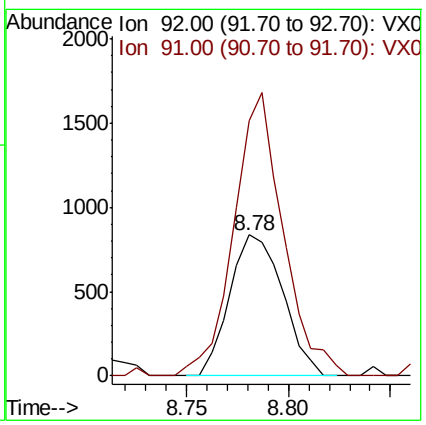


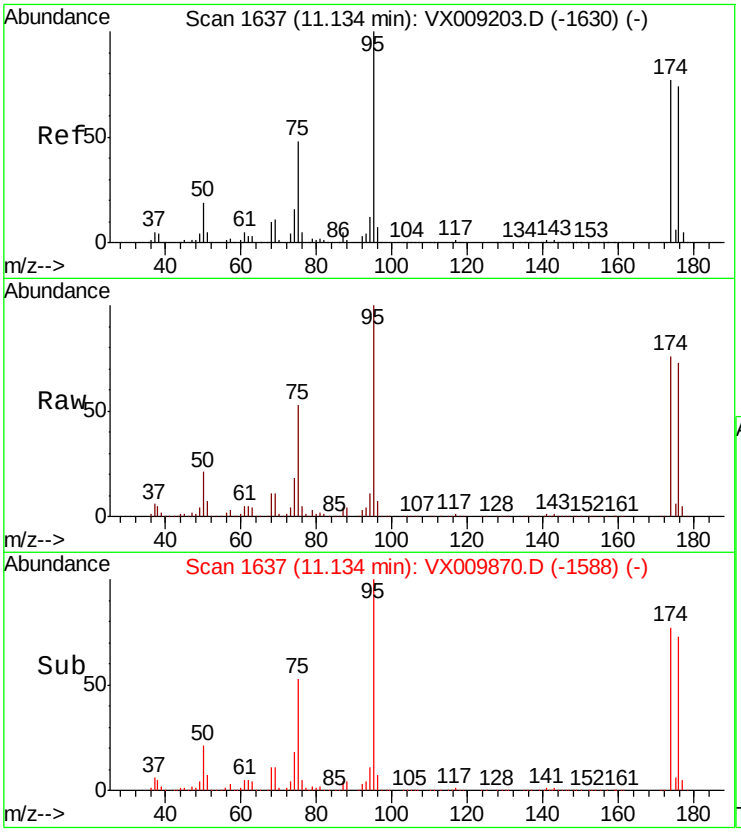


#52
Toluene
Concen: 0.304 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX009870.D
Acq: 23 May 2019 19:48

Tgt Ion: 92 Resp: 1513

Ion	Ratio	Lower	Upper
92	100		
91	186.6	138.8	208.2



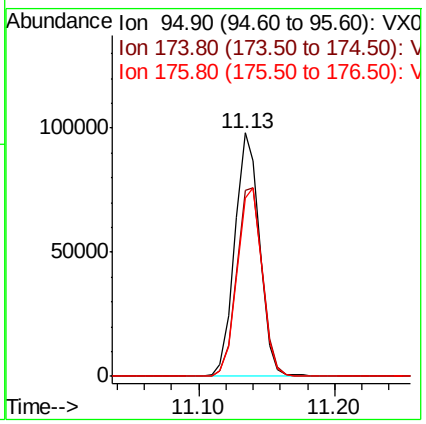


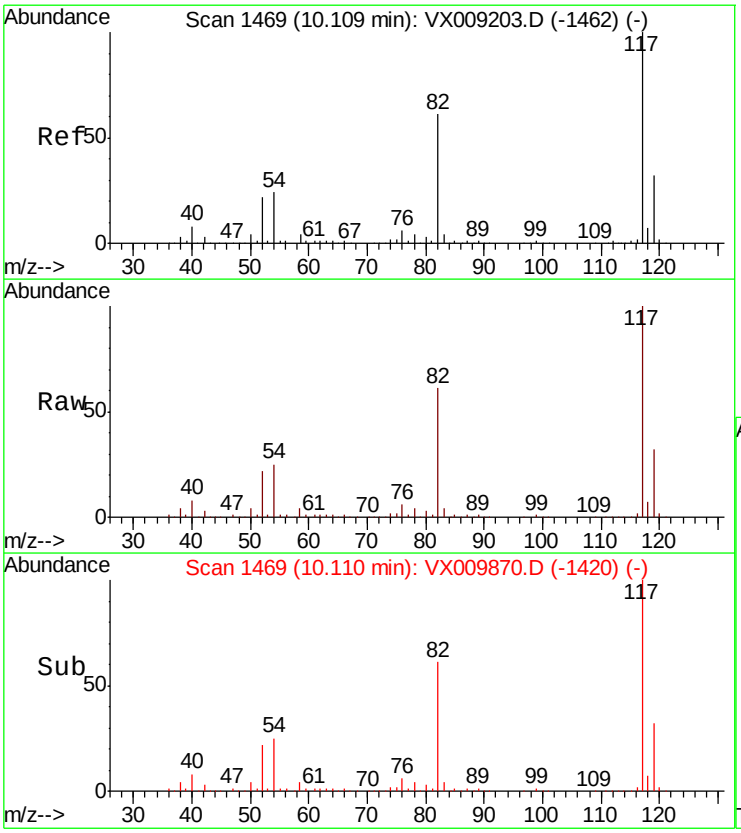
#62
4-Bromofluorobenzene
Concen: 47.342 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009870.D
Acq: 23 May 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 124145

Ion	Ratio	Lower	Upper
95	100		
174	80.4	0.0	161.6
176	78.1	0.0	159.2

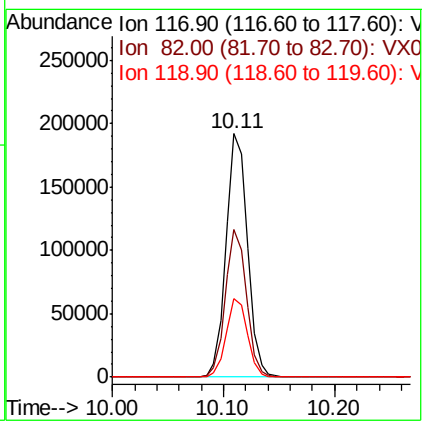


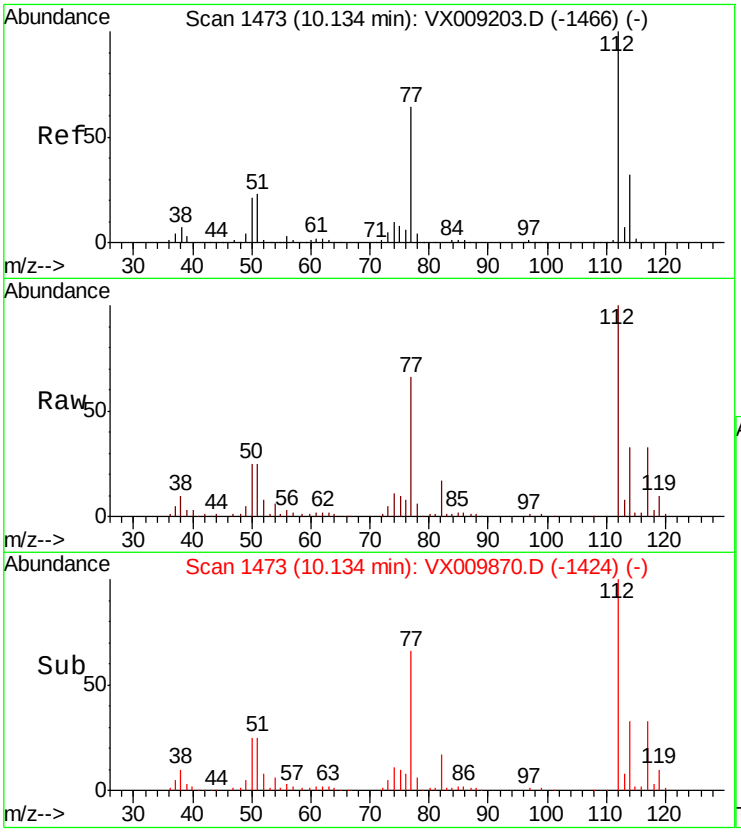


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009870.D
Acq: 23 May 2019 19:48

Tgt Ion:117 Resp: 255596

Ion	Ratio	Lower	Upper
117	100		
82	60.7	48.8	73.2
119	32.1	25.8	38.6



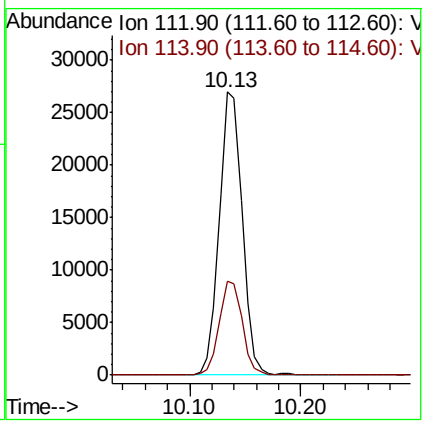


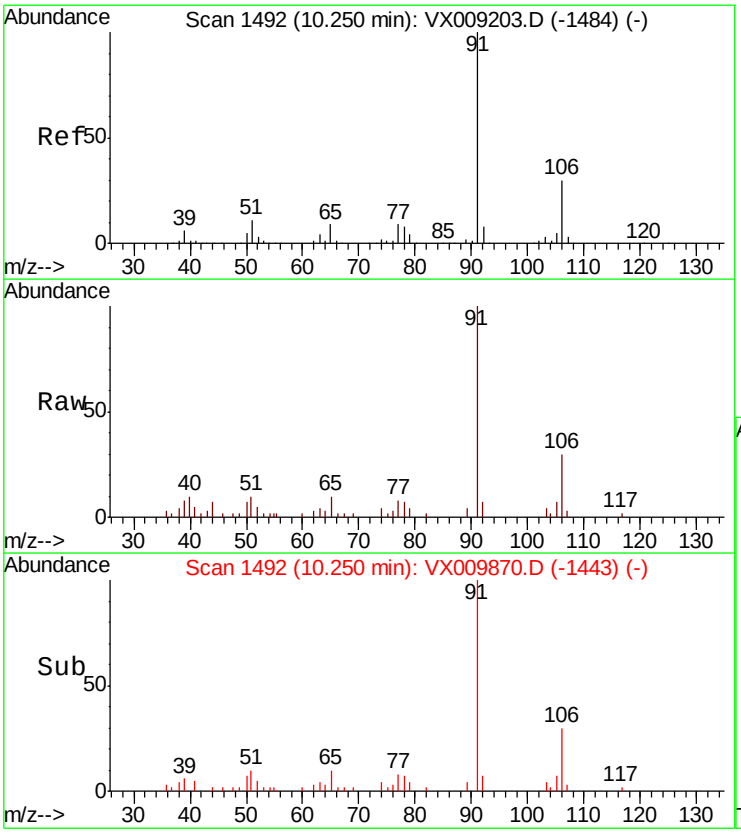
#65
Chlorobenzene
Concen: 7.543 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009870.D
Acq: 23 May 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:112 Resp: 38569

Ion	Ratio	Lower	Upper
112	100		
114	33.3	25.5	38.3

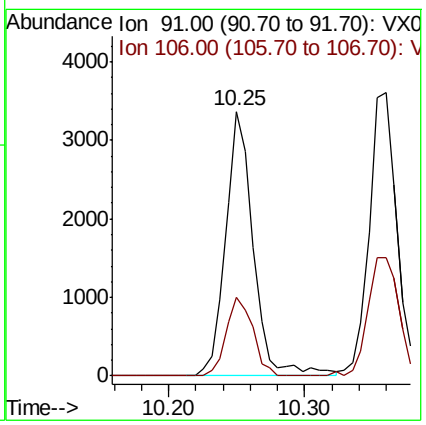


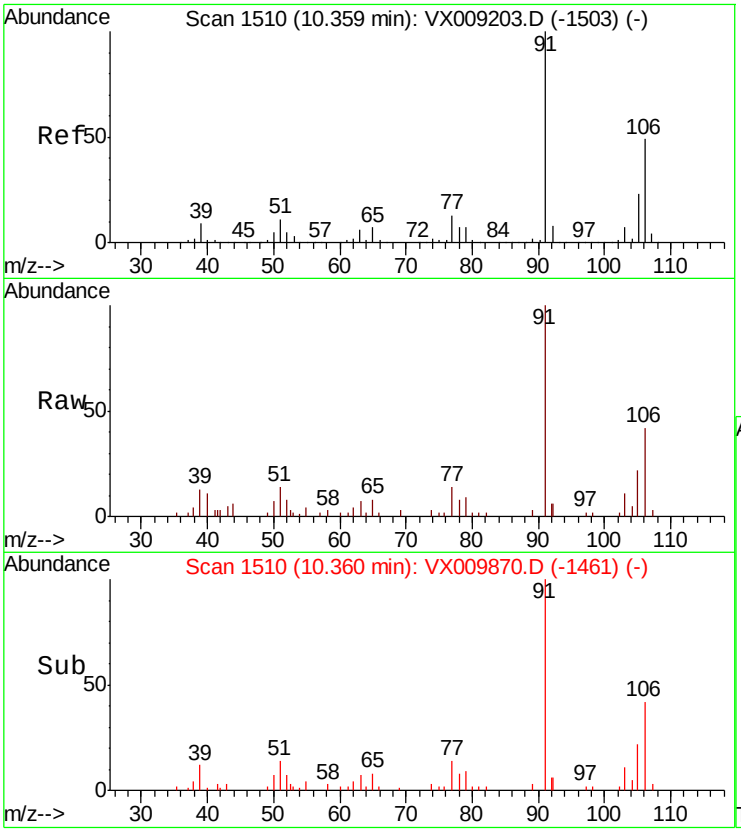


#67
Ethyl Benzene
Concen: 0.505 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009870.D
Acq: 23 May 2019 19:48

Tgt Ion: 91 Resp: 4750

Ion	Ratio	Lower	Upper
91	100		
106	29.5	24.0	36.0



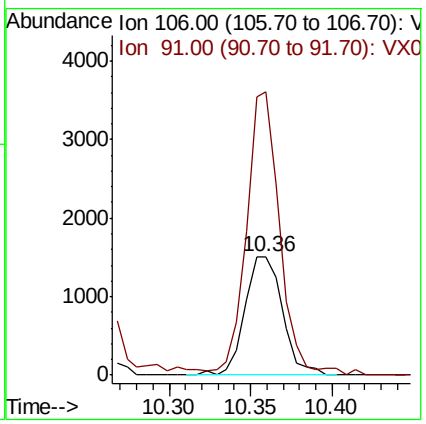


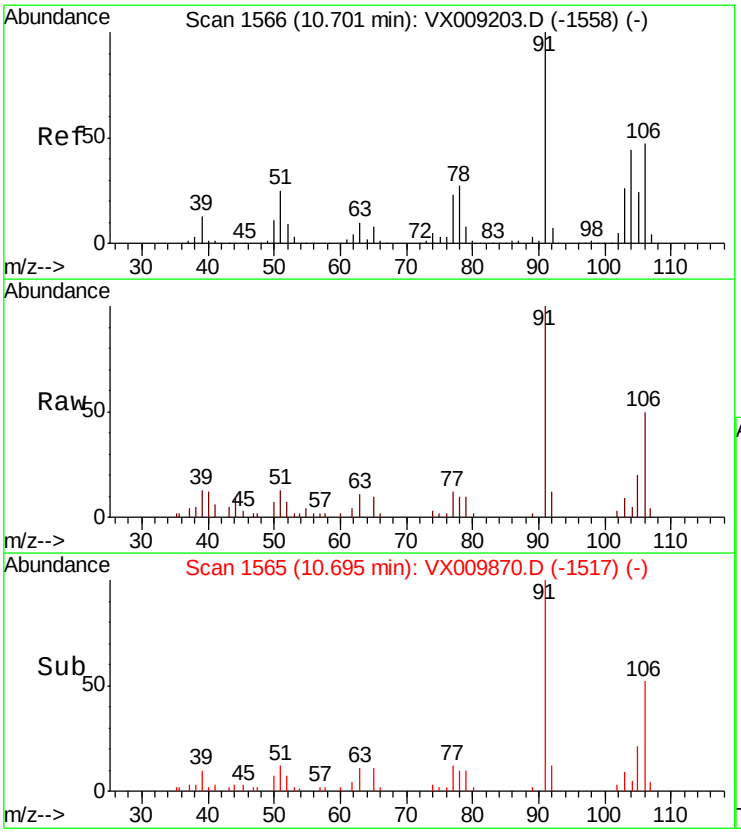
#68
m/p-Xylenes
Concen: 0.703 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009870.D
Acq: 23 May 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:106 Resp: 2416

Ion	Ratio	Lower	Upper
106	100		
91	212.9	164.0	246.0

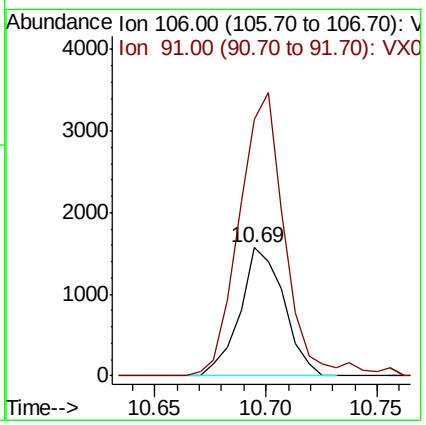


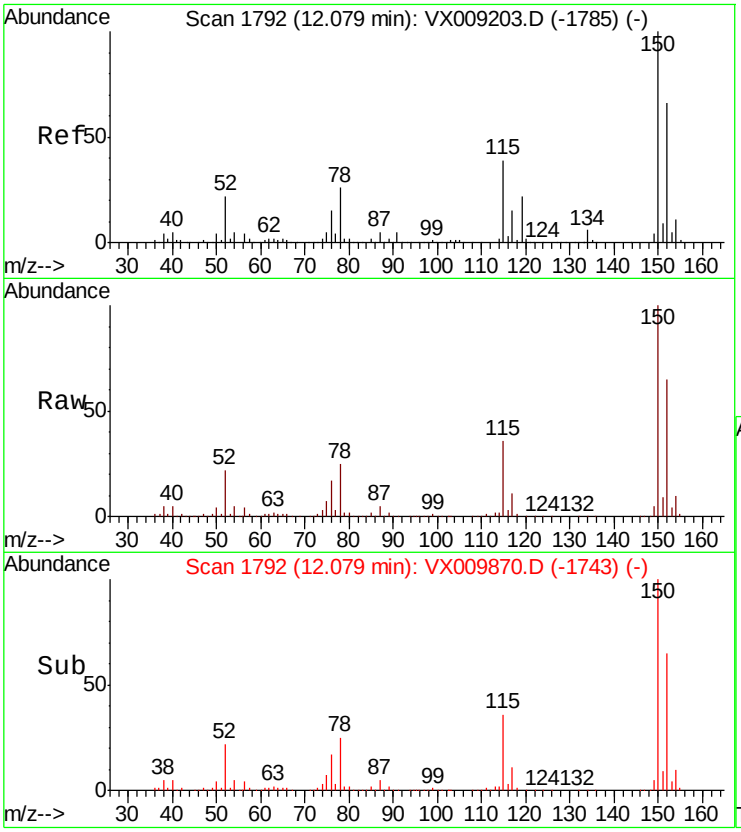


#69
o-Xylene
Concen: 0.633 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009870.D
Acq: 23 May 2019 19:48

Tgt Ion:106 Resp: 2147

Ion	Ratio	Lower	Upper
106	100		
91	232.3	109.5	328.4



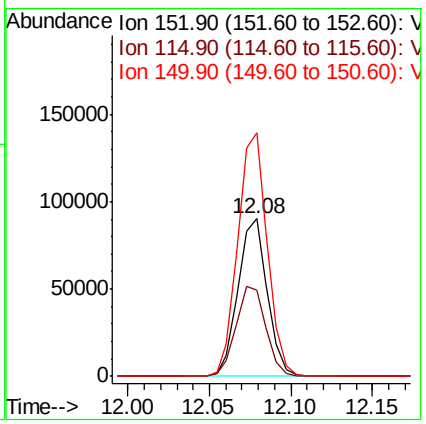


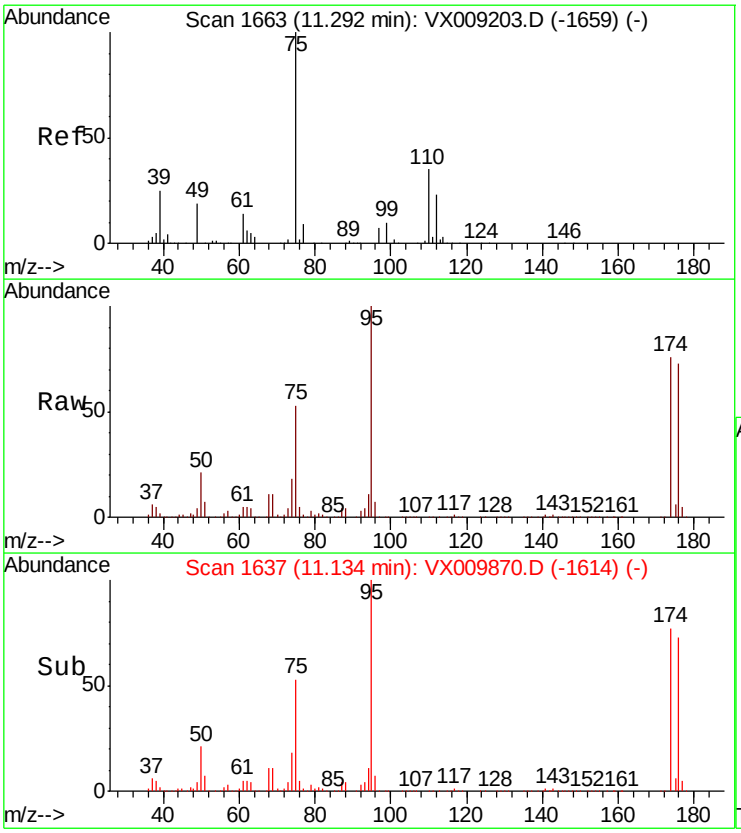
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009870.D
Acq: 23 May 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 112386

Ion	Ratio	Lower	Upper
152	100		
115	58.9	41.2	123.6
150	156.8	0.0	346.4

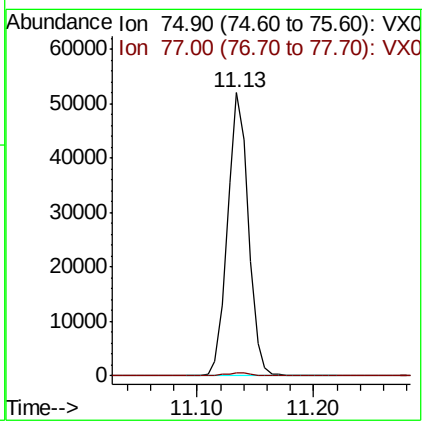


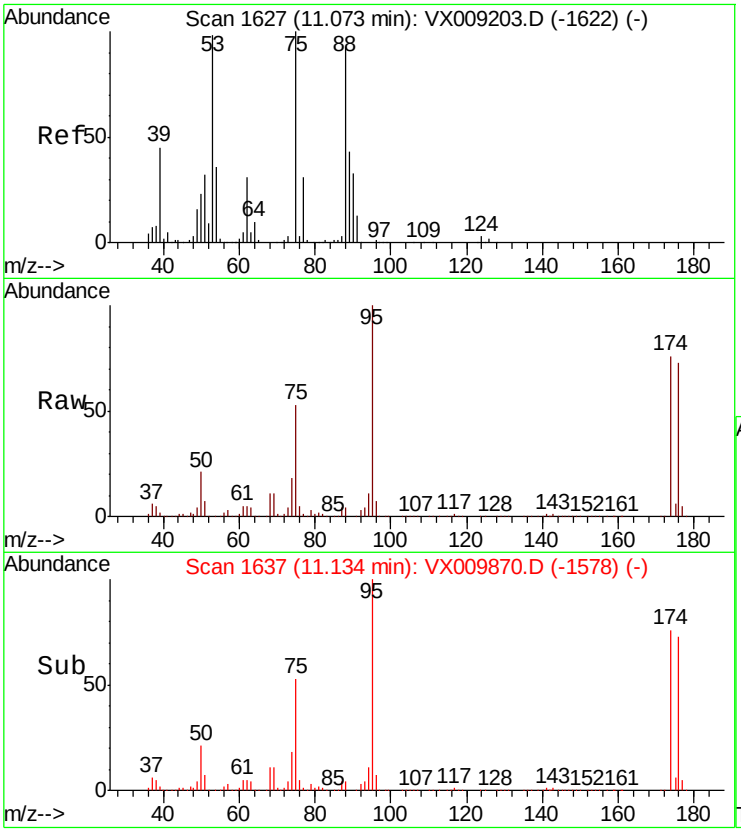


#76
1,2,3-Trichloropropane
Concen: 24.863 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009870.D
Acq: 23 May 2019 19:48

Tgt Ion: 75 Resp: 64816

Ion	Ratio	Lower	Upper
75	100		
77	1.5	22.1	66.1#



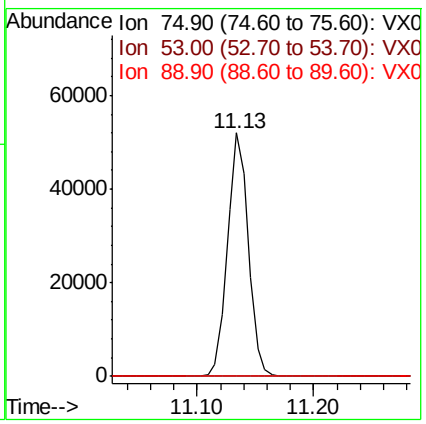


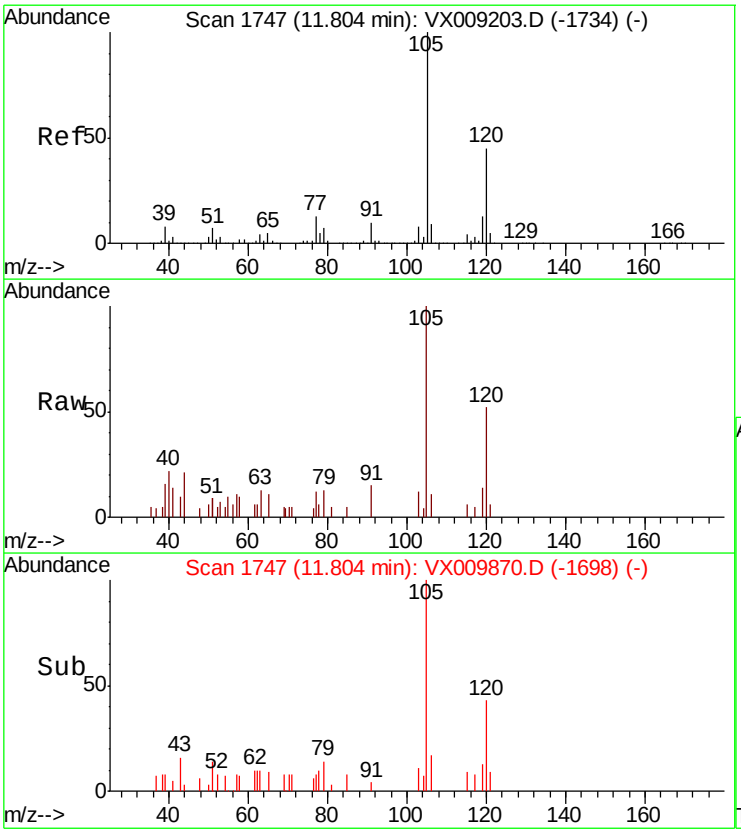
#81
trans-1,4-Dichloro-2-butene
Concen: 63.615 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009870.D
Acq: 23 May 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 64816

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: 0.277 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009870.D
Acq: 23 May 2019 19:48

Tgt Ion:105 Resp: 1915

Ion	Ratio	Lower	Upper
105	100		
120	49.9	22.0	66.0