Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX050919\
Data File : VX009439.D
Acq On : 09 May 2019 19:41
Operator : JC/SP
Sample : K2786-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: May 10 07:09:27 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	180674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	291768	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109235	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118990	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.48%			
35) Dibromofluoromethane	5.49	113	89175	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.24%			
50) Toluene-d8	8.71	98	360865	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.46%			
62) 4-Bromofluorobenzene	11.13	95	120038	44.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.22%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	342	0.205	ug/l	99
6) Chloroethane	1.73	64	4453	3.129	ug/l #	46
7) Trichlorofluoromethane	1.93	101	5765	2.140	ug/l	89
10) Methyl Iodide	2.51	142	55	4.619	ug/l #	42
11) Tert butyl alcohol	3.02	59	465	0.814	ug/l #	92
12) 1,1-Dichloroethene	2.37	96	941	0.555	ug/l #	74
13) Acrolein	2.29	56	379	0.733	ug/l #	52
16) Acetone	2.44	43	10864	8.203	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	1748	0.266	ug/l #	78
25) 2-Butanone	4.69	43	2063	1.002	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	1089	0.496	ug/l	91
28) Bromochloromethane	4.99	49	71	Below Cal	#	20
30) Chloroform	5.21	83	1053	0.297	ug/l	91
31) Cyclohexane	5.66	56	4030	1.105	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	13600	5.016	ug/l #	50
38) Carbon Tetrachloride	5.67	117	17145	6.960	ug/l #	16
44) Trichloroethene	7.21	130	3782	1.864	ug/l	93
49) 1,4-Dioxane	7.76	88	19	0.313	ug/l #	20
59) 2-Hexanone	9.51	43	844	0.272	ug/l	84
60) Dibromochloromethane	9.33	129	3839	1.889	ug/l #	11
64) Tetrachloroethene	9.34	164	4067	2.328	ug/l	96
74) N-amyl acetate	10.91	43	1810	0.391	ug/l #	6
76) 1,2,3-Trichloropropane	11.13	75	61203	24.154	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	61203	61.802	ug/l #	10

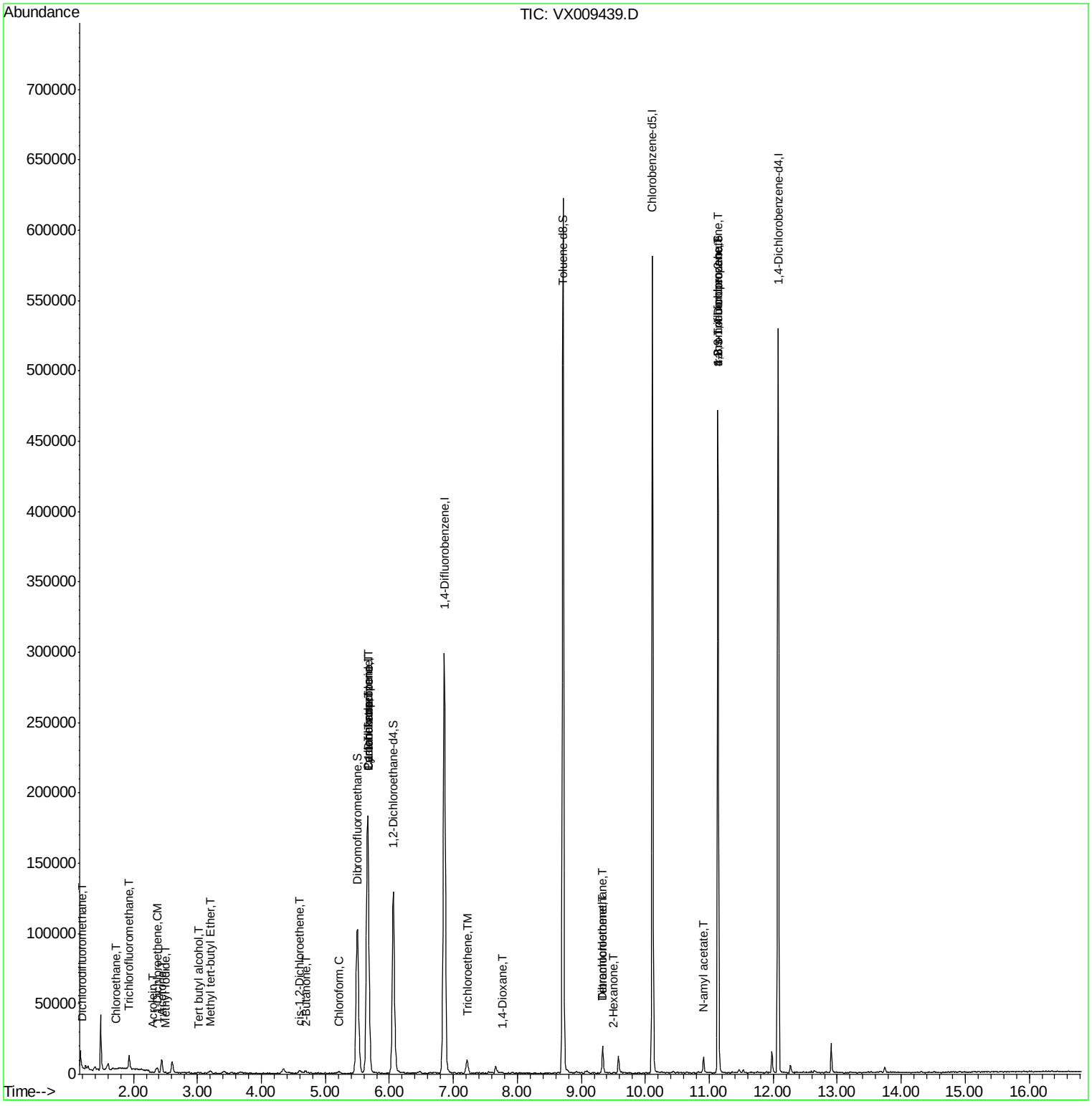
(#) = qualifier out of range (m) = manual integration (+) = signals summed

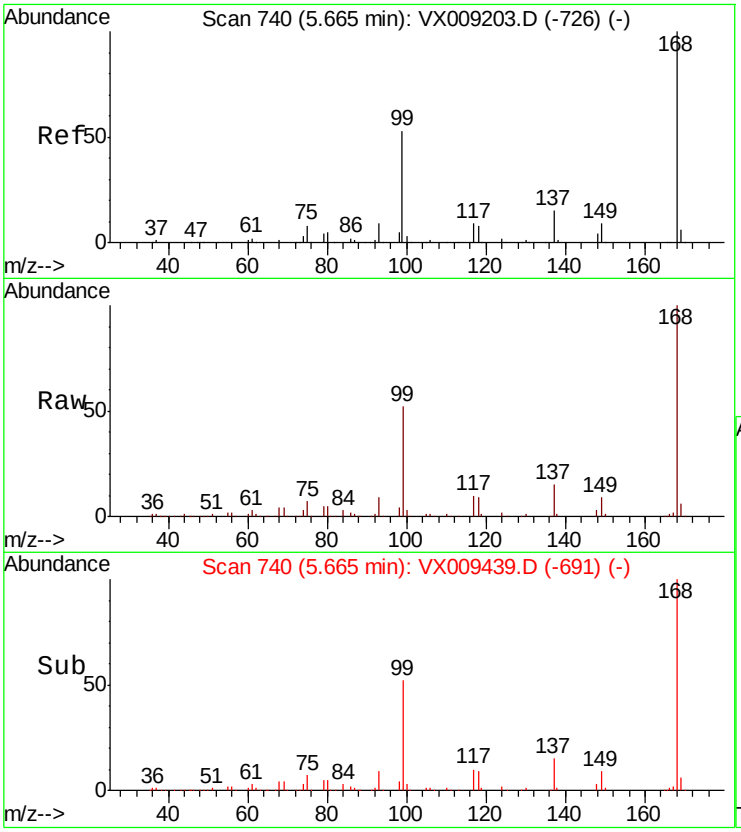
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX050919\
Data File : VX009439.D
Acq On : 09 May 2019 19:41
Operator : JC/SP
Sample : K2786-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 10 07:09:27 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



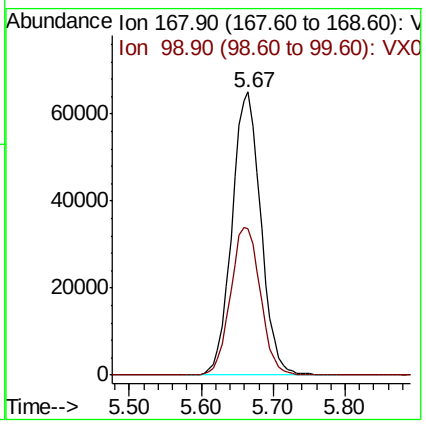


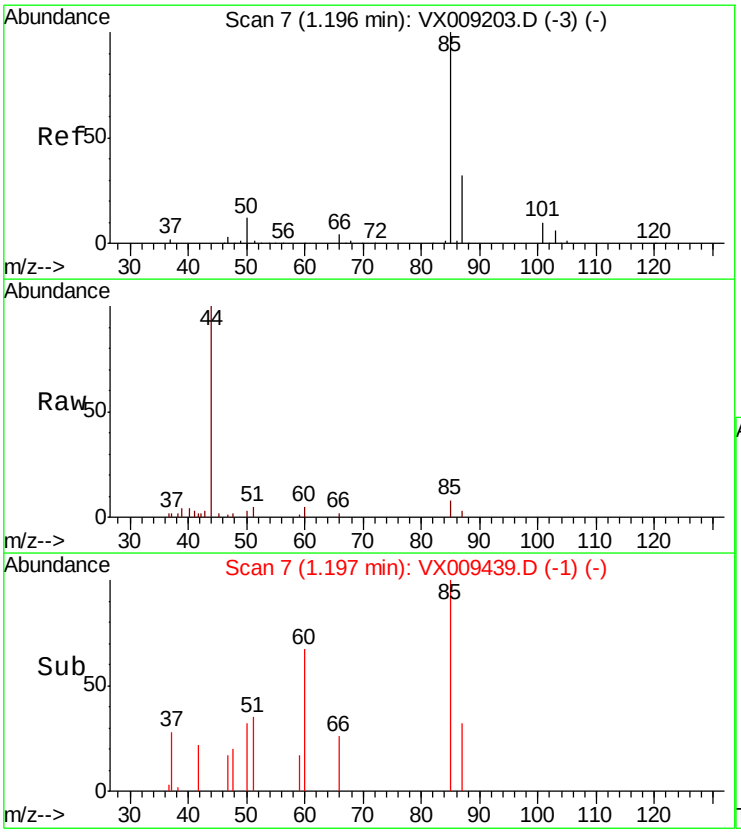
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 180674

Ion	Ratio	Lower	Upper
168	100		
99	51.7	42.3	63.5

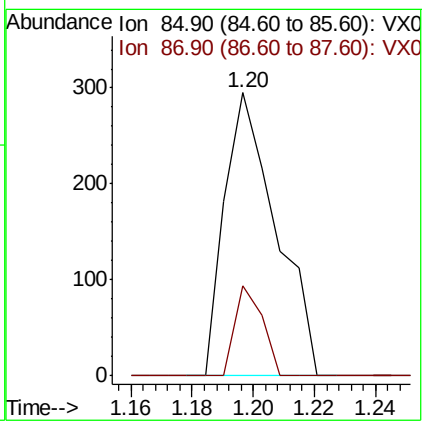


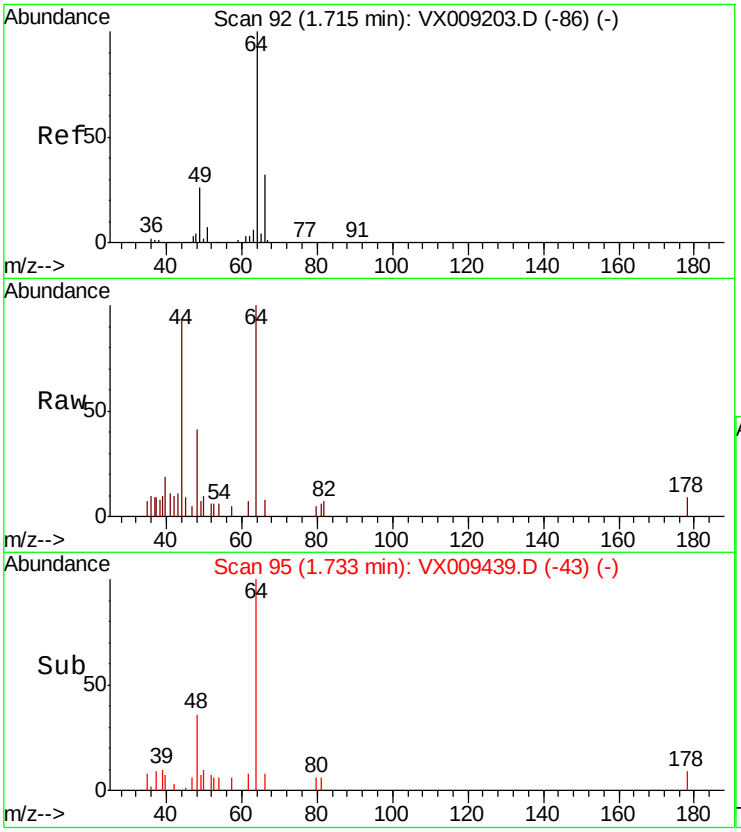


#2
Dichlorodifluoromethane
Concen: 0.205 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Tgt Ion: 85 Resp: 342

Ion	Ratio	Lower	Upper
85	100		
87	31.9	16.1	48.3



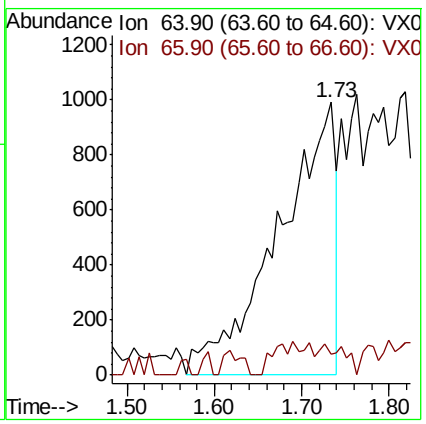


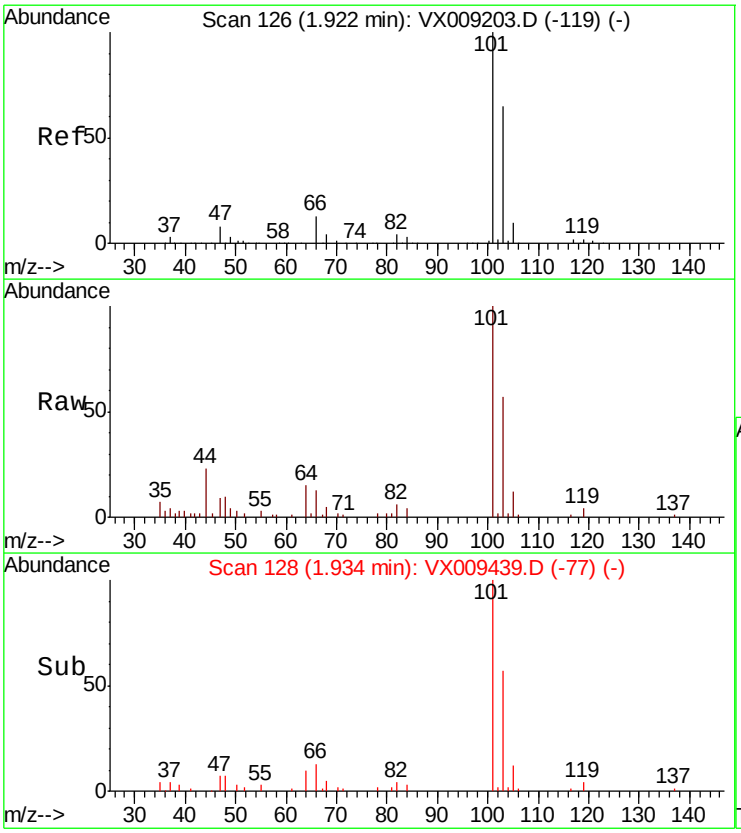
#6
Chloroethane
Concen: 3.129 ug/l
RT: 1.73 min Scan# 95
Delta R.T. 0.02 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 4453

Ion	Ratio	Lower	Upper
64	100		
66	1.9	25.3	37.9#

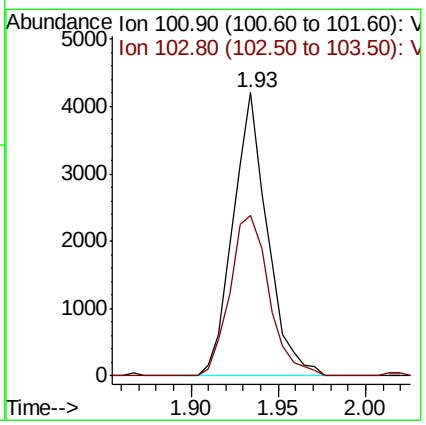


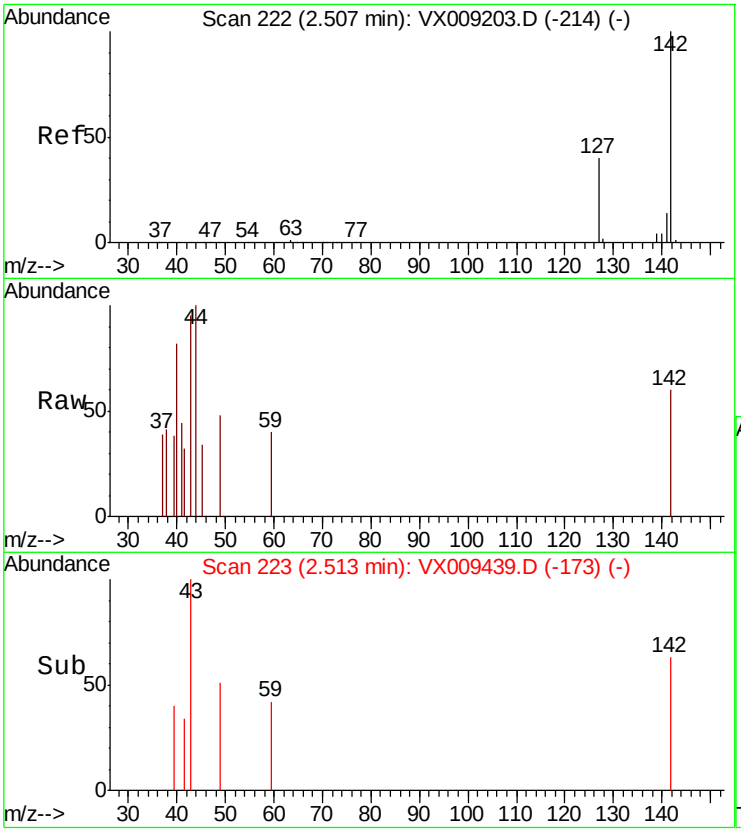


#7
Trichlorofluoromethane
Concen: 2.140 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Tgt Ion:101 Resp: 5765

Ion	Ratio	Lower	Upper
101	100		
103	56.8	52.4	78.6



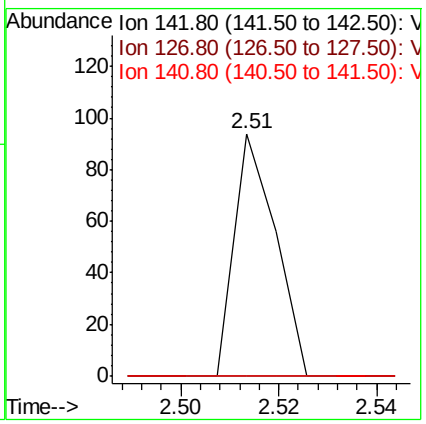


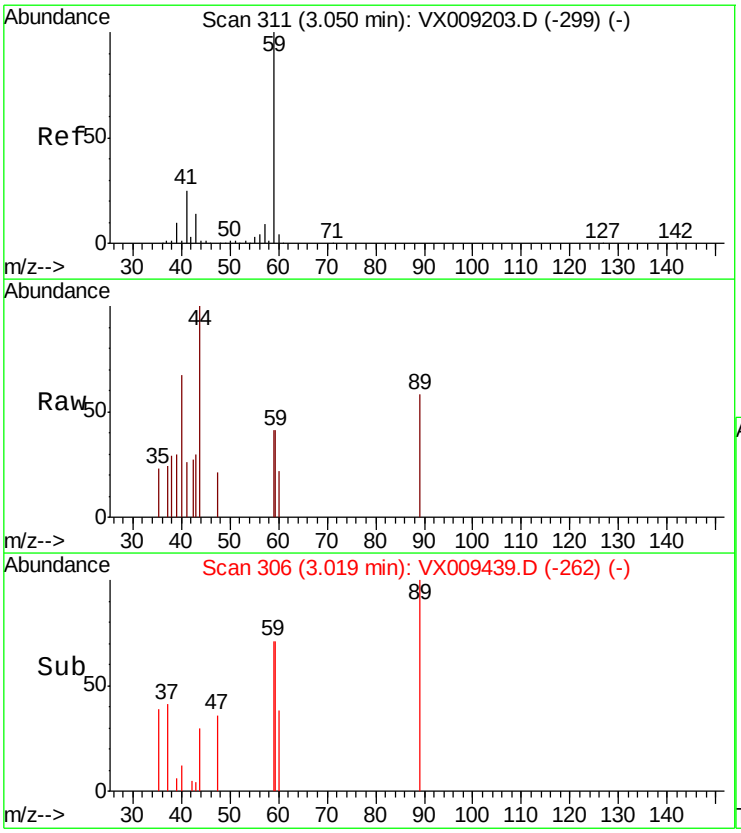
#10
Methyl Iodide
Concen: 4.619 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 55

Ion	Ratio	Lower	Upper
142	100		
127	0.0	32.7	49.1#
141	0.0	11.5	17.3#

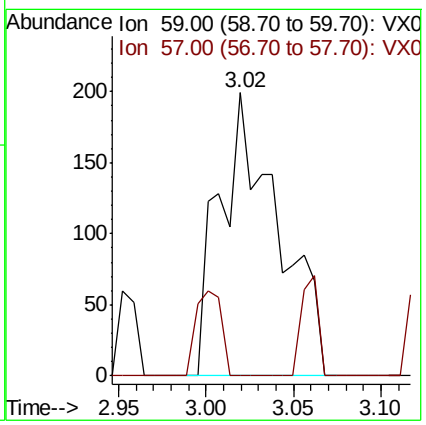


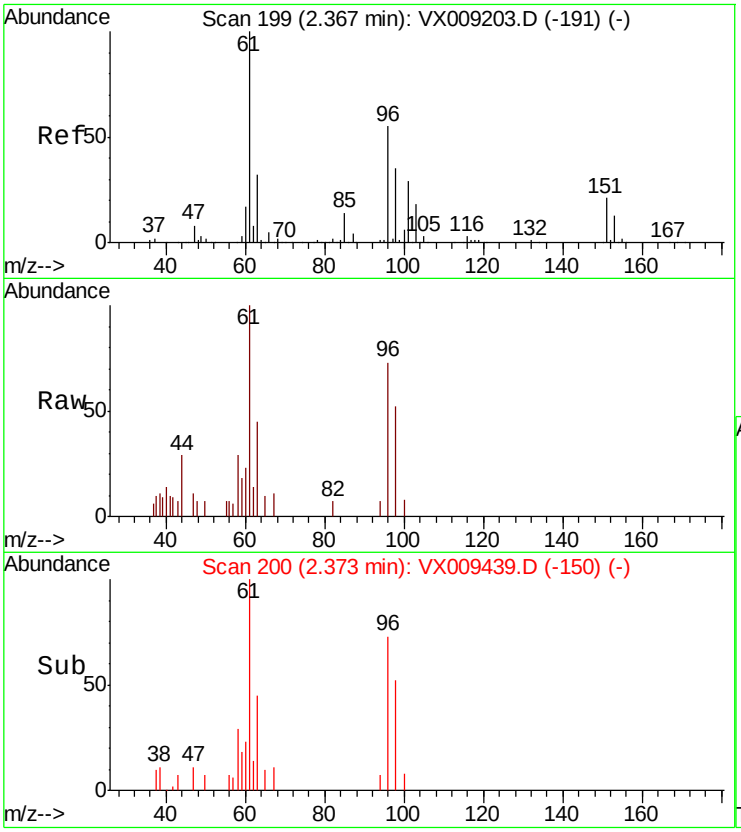


#11
Tert butyl alcohol
Concen: 0.814 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Tgt Ion: 59 Resp: 465

Ion	Ratio	Lower	Upper
59	100		
57	13.1	8.2	12.2#



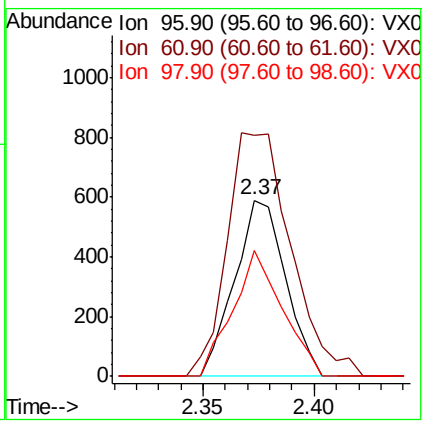


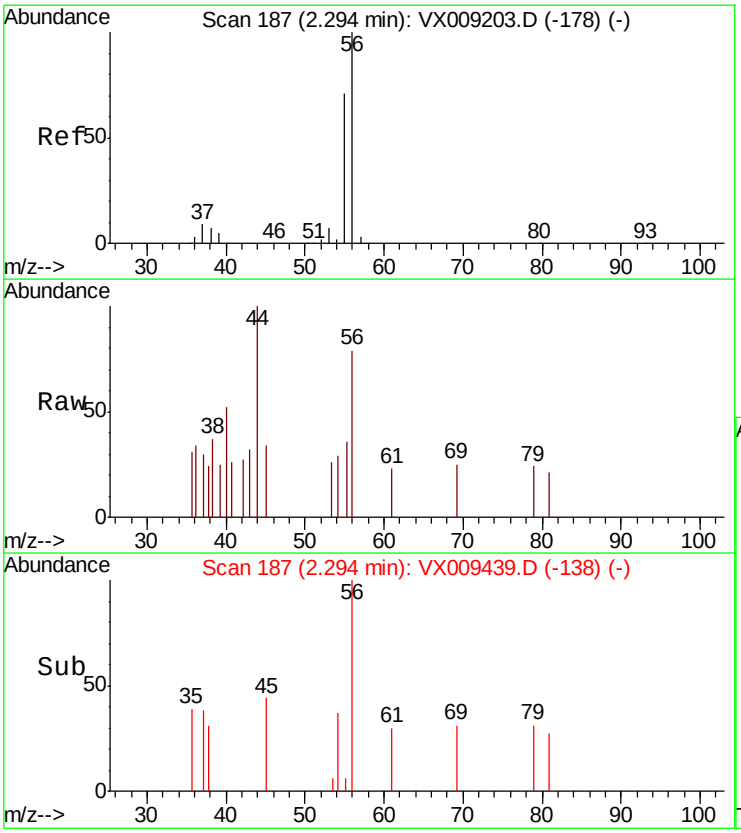
#12
1,1-Dichloroethene
Concen: 0.555 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 941

Ion	Ratio	Lower	Upper
96	100		
61	136.9	144.3	216.5#
98	71.5	50.3	75.5

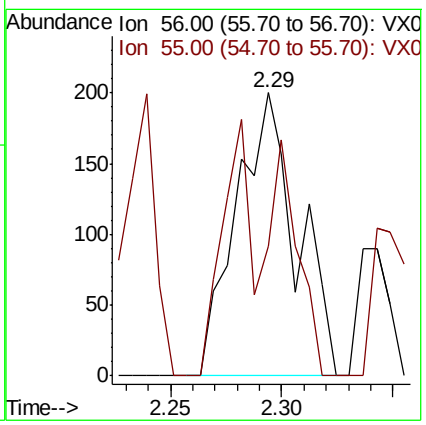


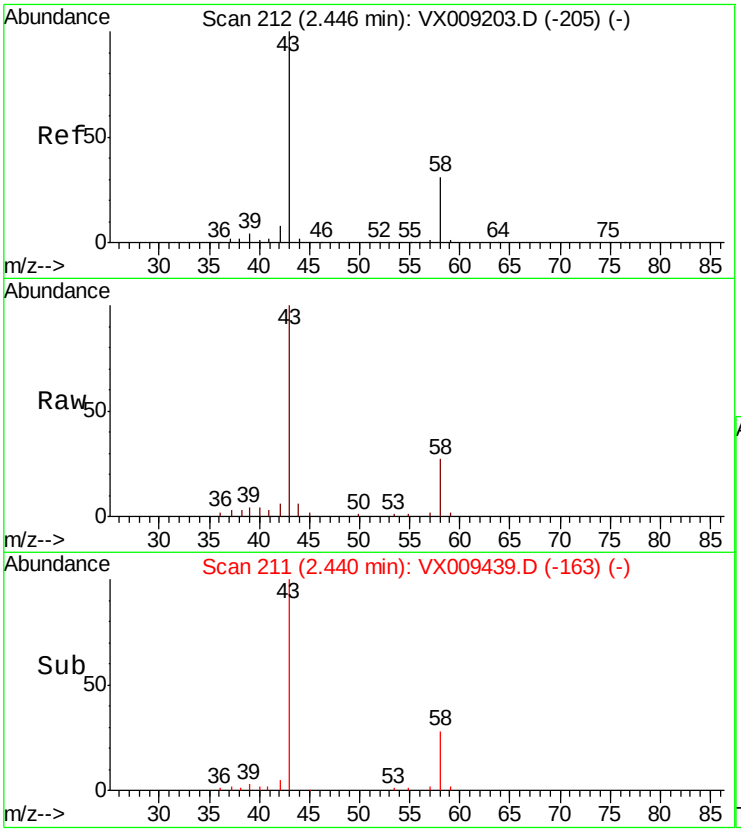


#13
Acrolein
Concen: 0.733 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Tgt Ion: 56 Resp: 379

Ion	Ratio	Lower	Upper
56	100		
55	31.1	56.6	85.0#



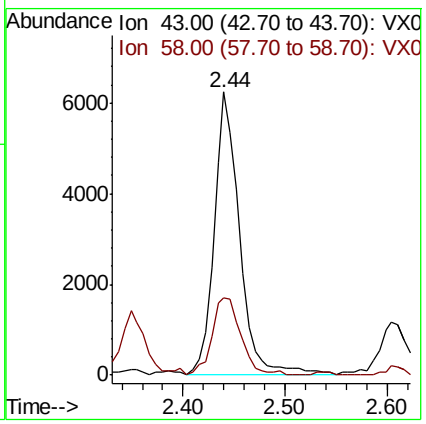


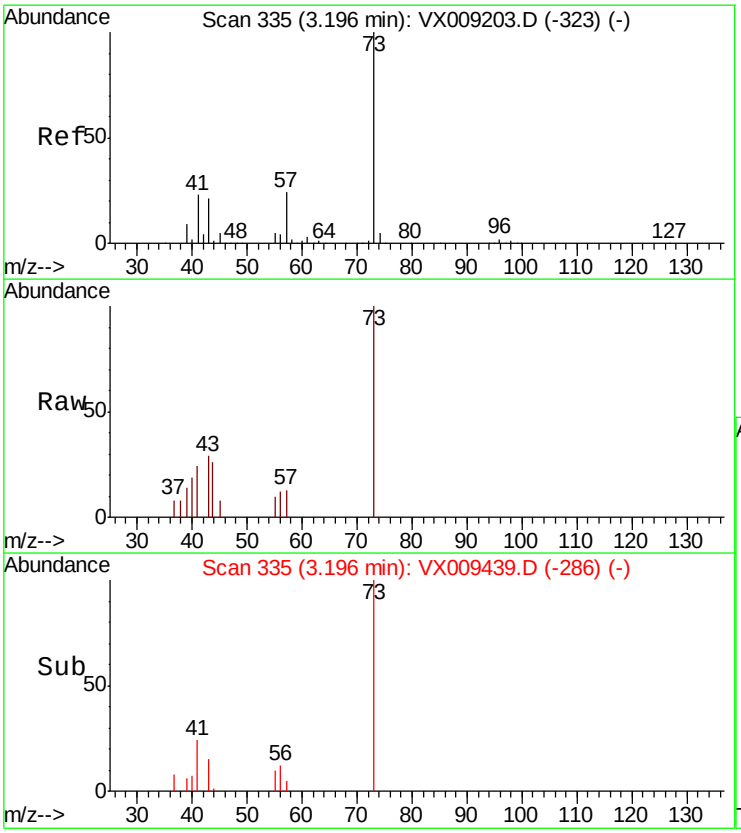
#16
Acetone
Concen: 8.203 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 10864

Ion	Ratio	Lower	Upper
43	100		
58	27.2	24.9	37.3

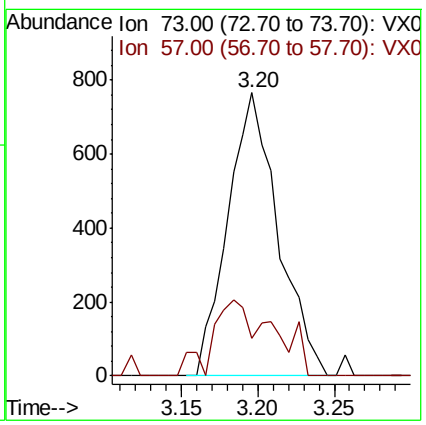


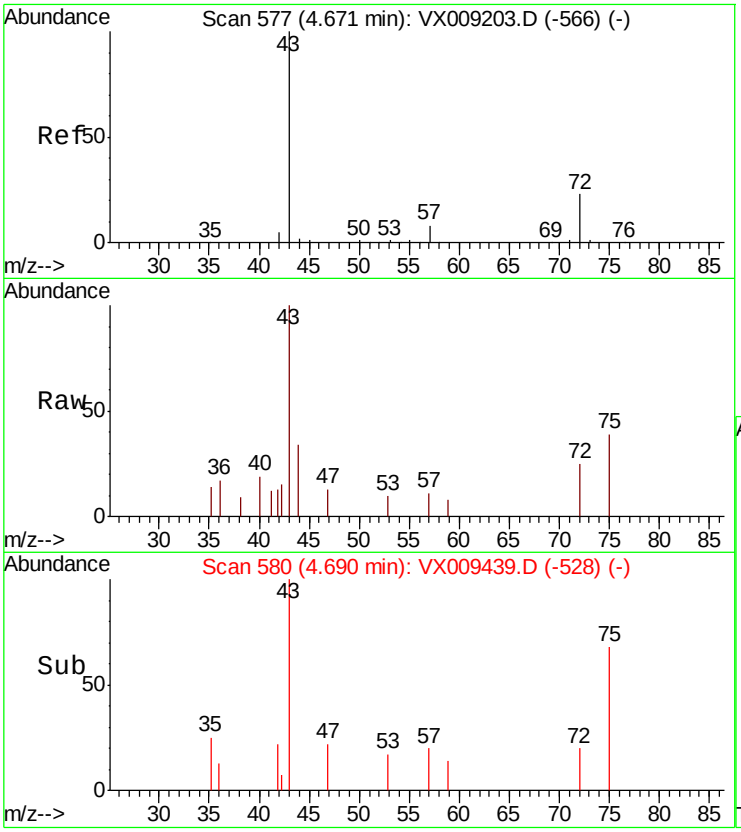


#19
Methyl tert-butyl Ether
Concen: 0.266 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Tgt Ion: 73 Resp: 1748

Ion	Ratio	Lower	Upper
73	100		
57	13.2	19.3	28.9#



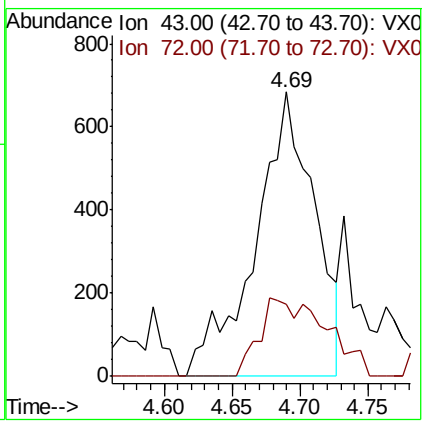


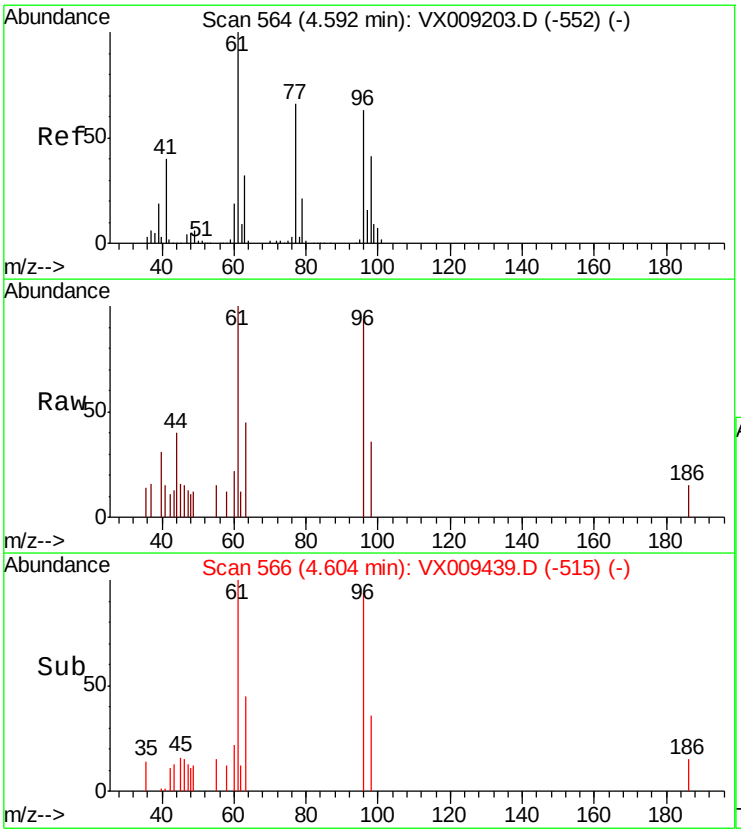
#25
2-Butanone
Concen: 1.002 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 2063

Ion	Ratio	Lower	Upper
43	100		
72	25.3	18.2	27.2

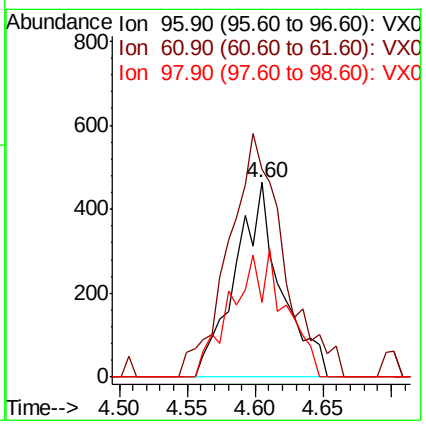


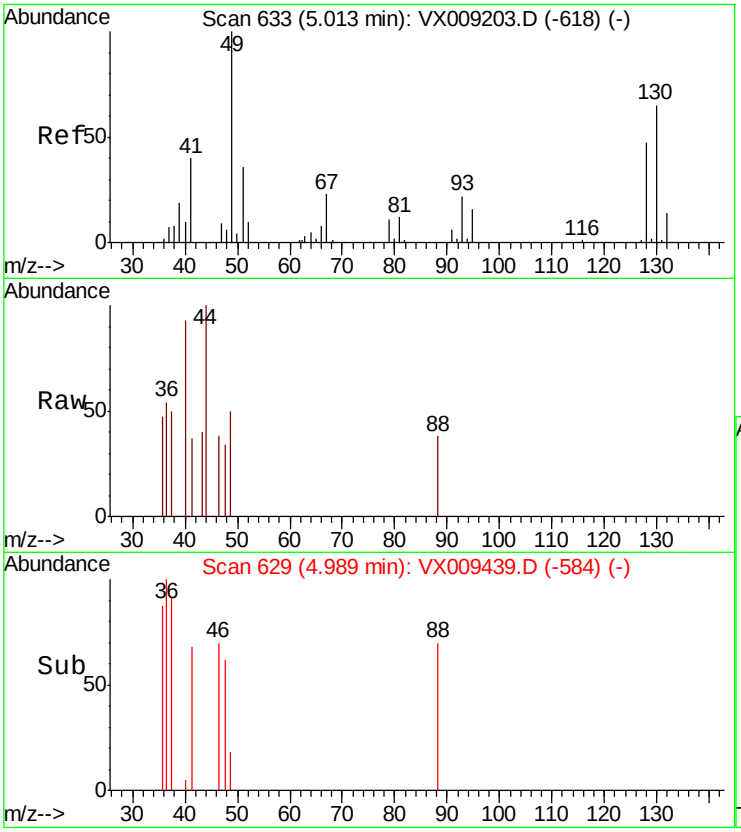


#27
cis-1,2-Dichloroethene
Concen: 0.496 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Tgt Ion: 96 Resp: 1089

Ion	Ratio	Lower	Upper
96	100		
61	151.5	0.0	324.0
98	75.6	0.0	130.4



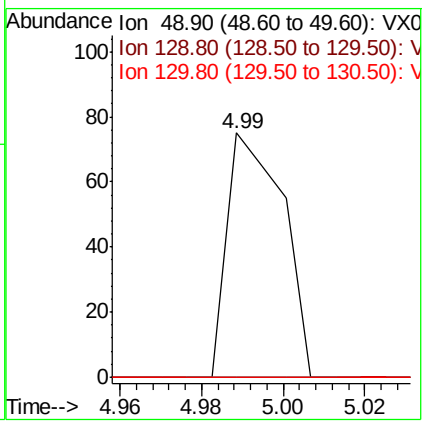


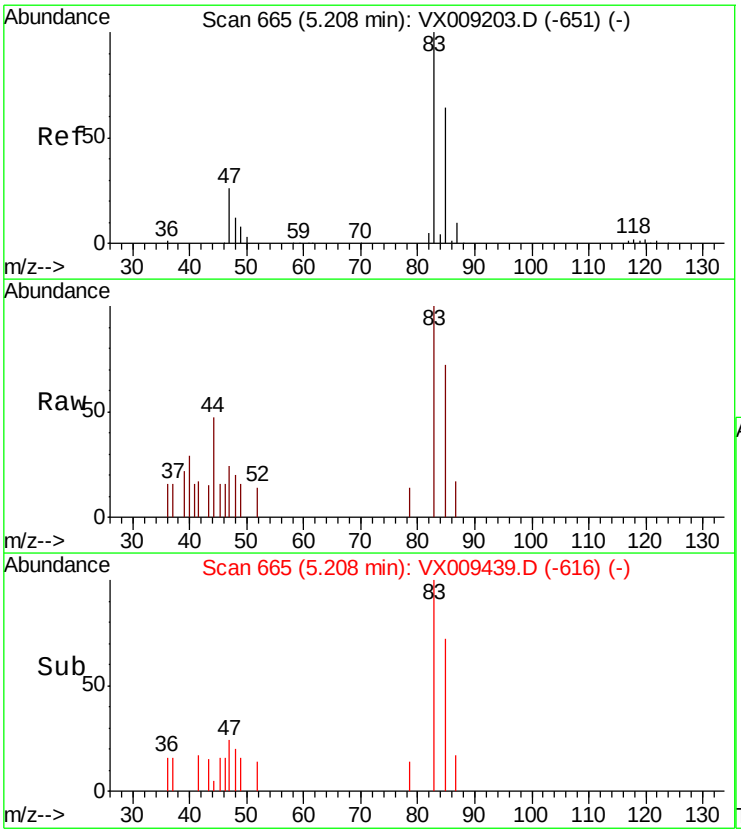
#28
Bromochloromethane
Concen: Below Cal
RT: 4.99 min Scan# 629
Delta R.T. -0.02 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 49 Resp: 71

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

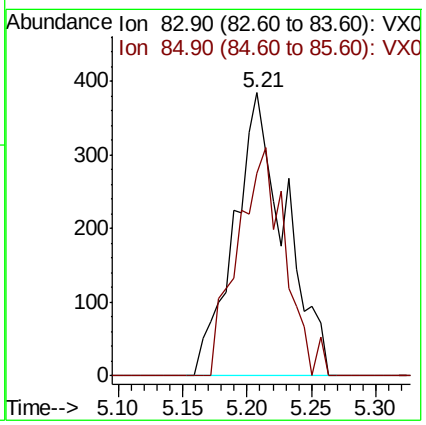


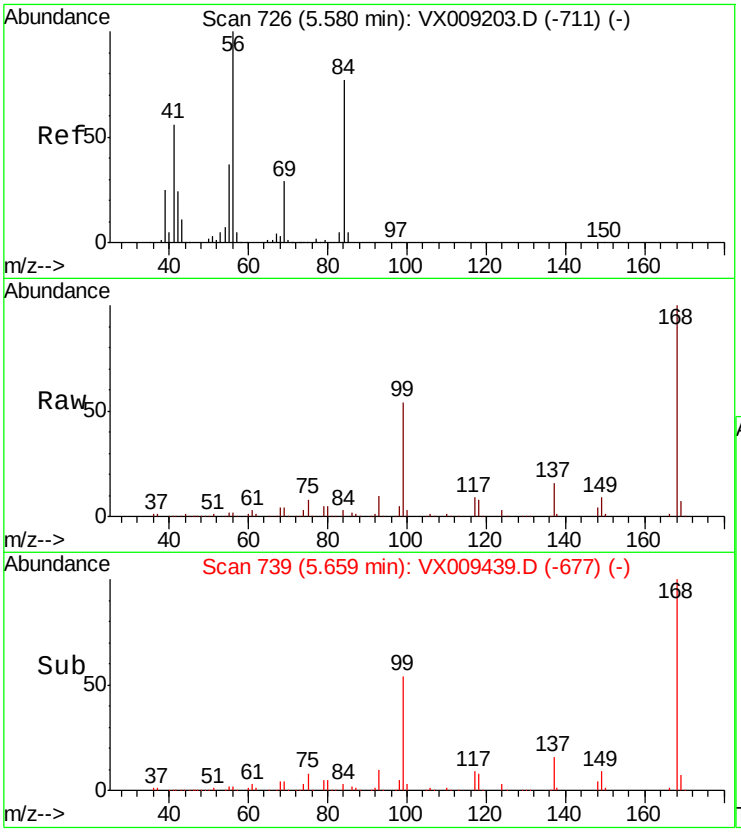


#30
Chloroform
Concen: 0.297 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Tgt Ion: 83 Resp: 1053

Ion	Ratio	Lower	Upper
83	100		
85	71.6	51.5	77.3



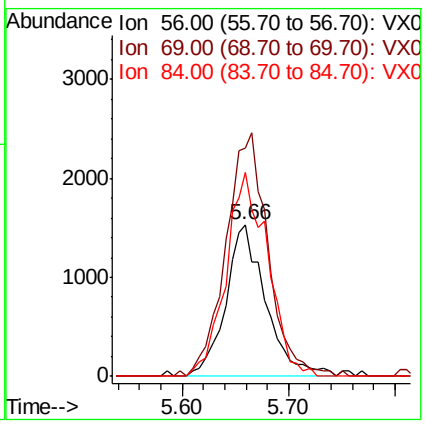


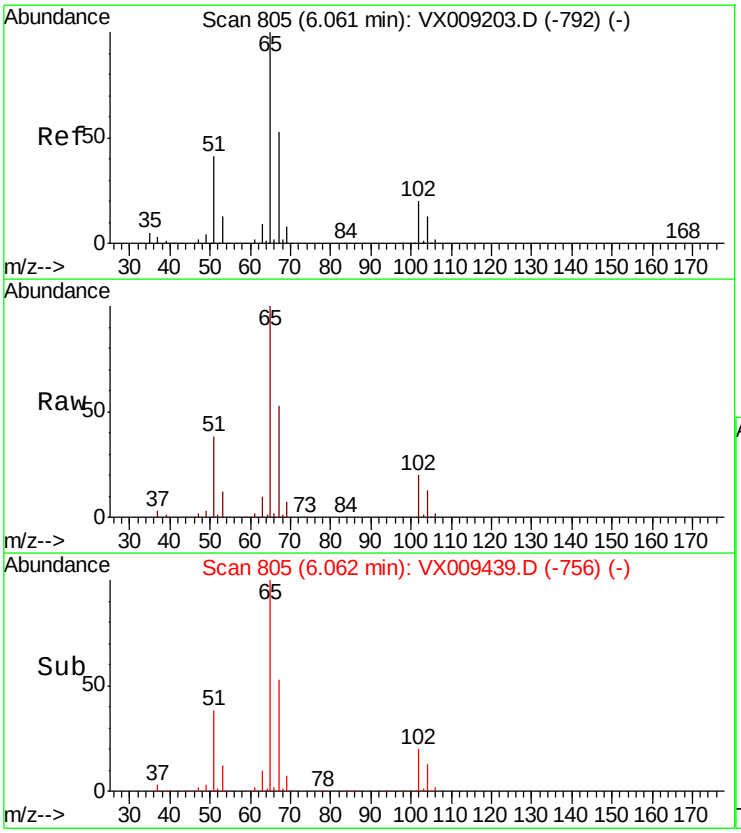
#31
Cyclohexane
Concen: 1.105 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 4030

Ion	Ratio	Lower	Upper
56	100		
69	150.9	23.4	35.0#
84	134.3	61.9	92.9#

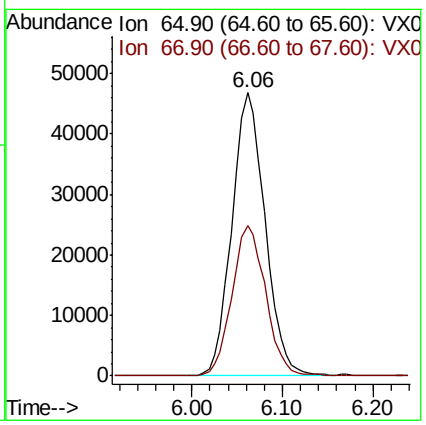


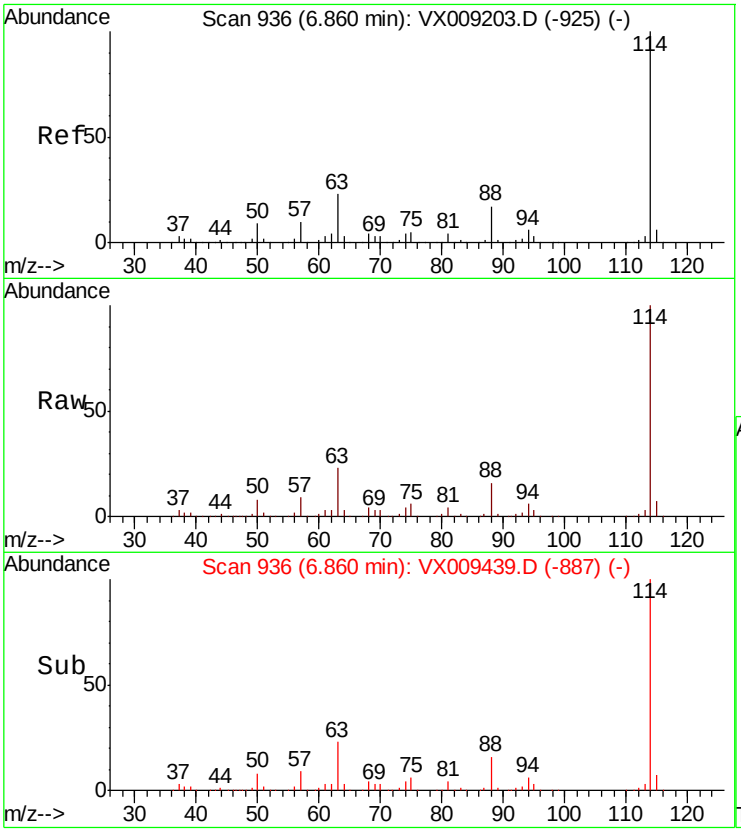


#33
1,2-Dichloroethane-d4
Concen: 48.244 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Tgt Ion: 65 Resp: 118990

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	106.6



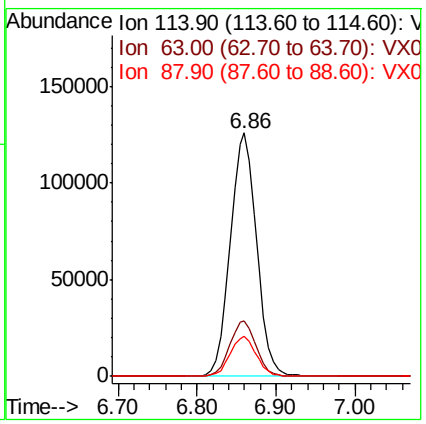


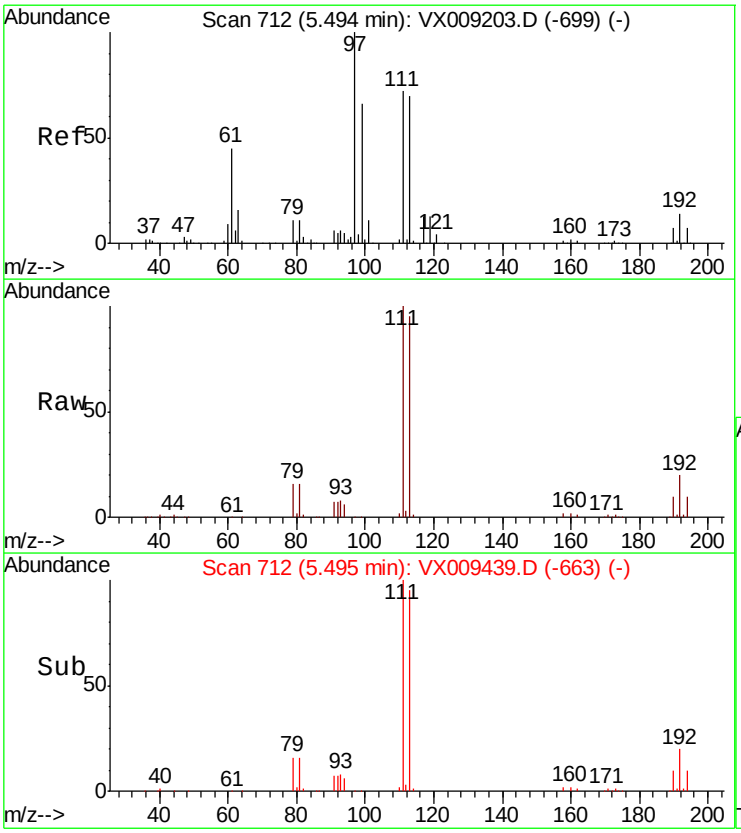
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:114 Resp: 291768

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	45.6
88	16.3	0.0	33.2

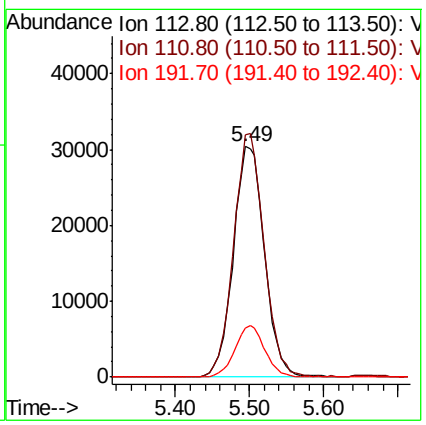


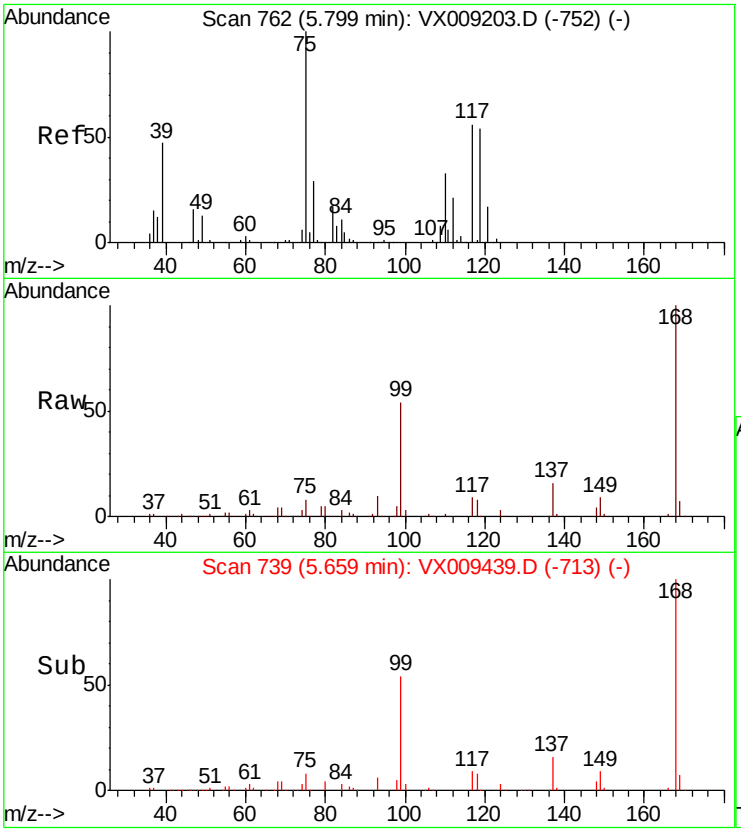


#35
Dibromofluoromethane
Concen: 48.619 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Tgt Ion:113 Resp: 89175

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.8	124.2
192	21.6	17.0	25.6



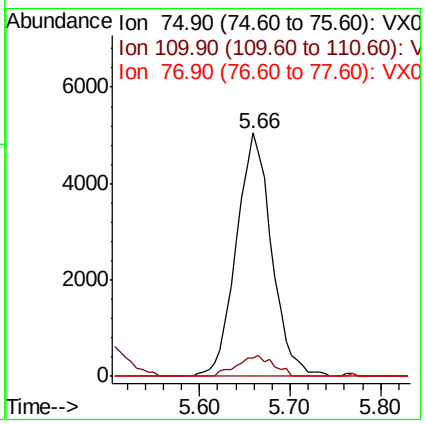


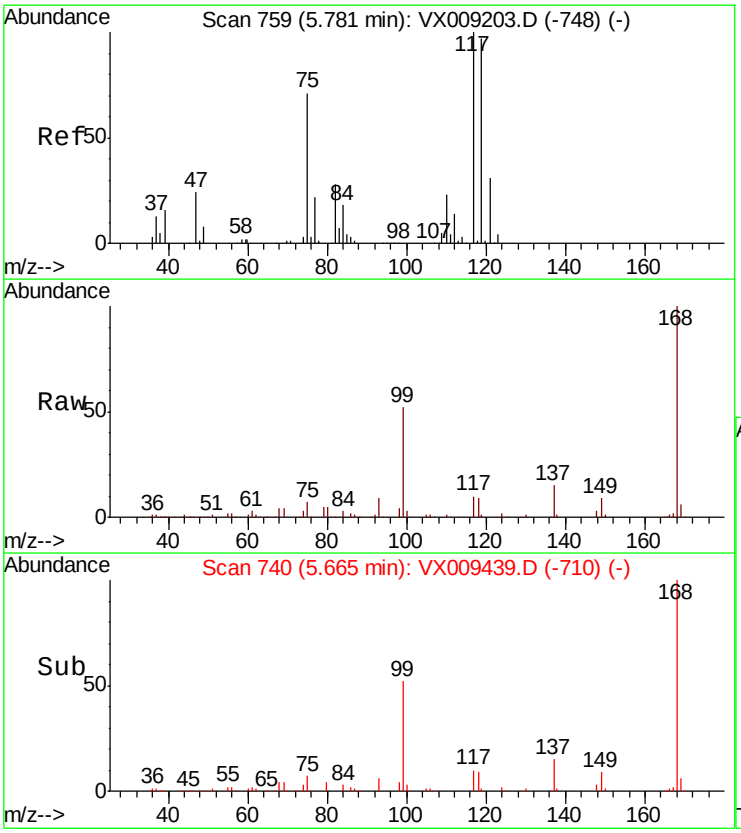
#36
1,1-Dichloropropene
Concen: 5.016 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 13600

Ion	Ratio	Lower	Upper
75	100		
110	8.6	16.9	50.6#
77	0.0	24.8	37.2#

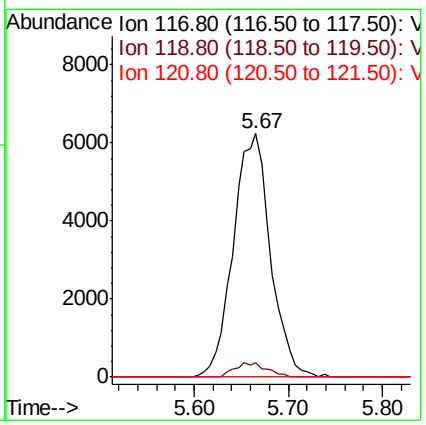


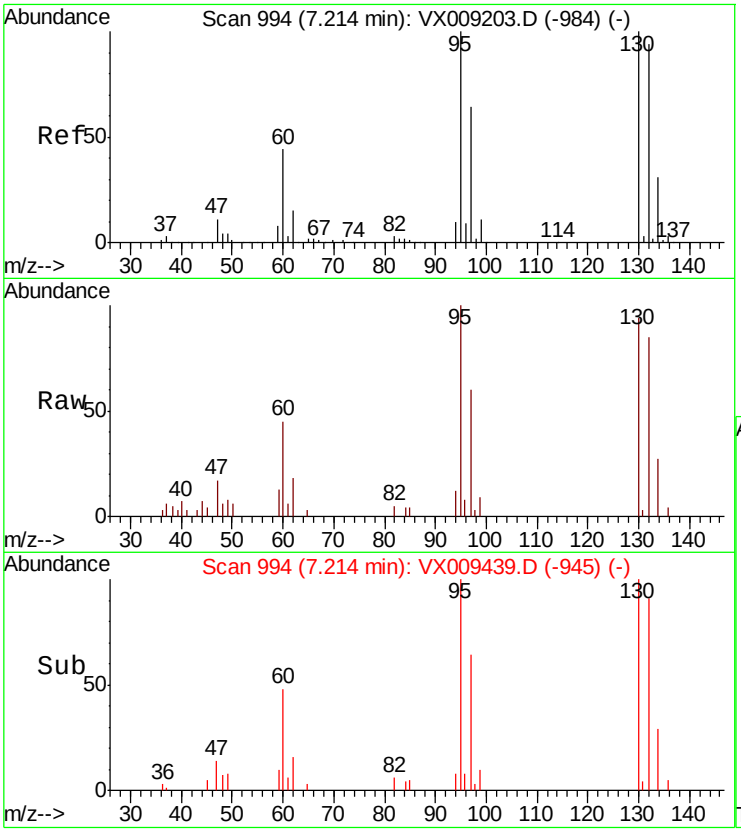


#38
Carbon Tetrachloride
Concen: 6.960 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Tgt Ion:117 Resp: 17145

Ion	Ratio	Lower	Upper
117	100		
119	5.7	77.5	116.3#
121	0.0	24.7	37.1#



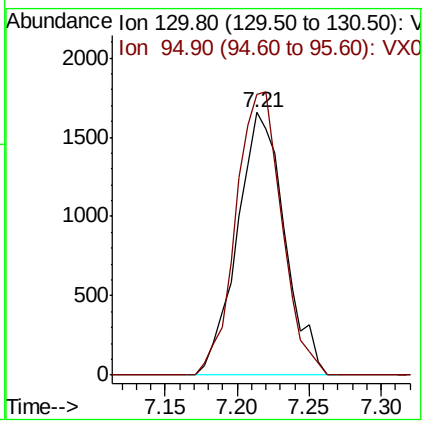


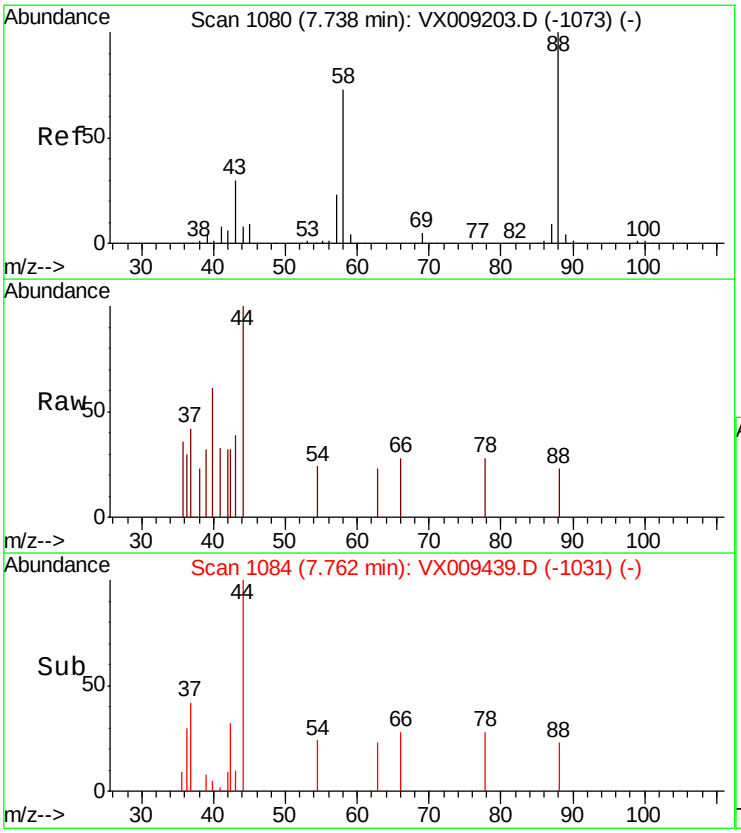
#44
Trichloroethene
Concen: 1.864 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:130 Resp: 3782

Ion	Ratio	Lower	Upper
130	100		
95	106.6	0.0	199.2

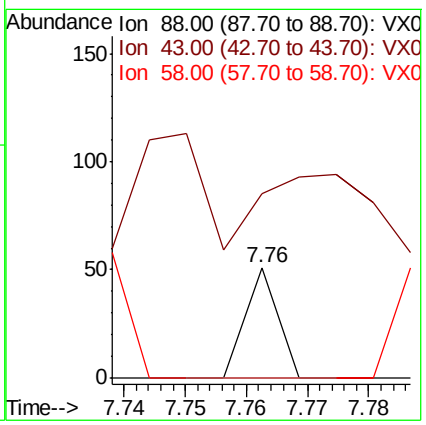


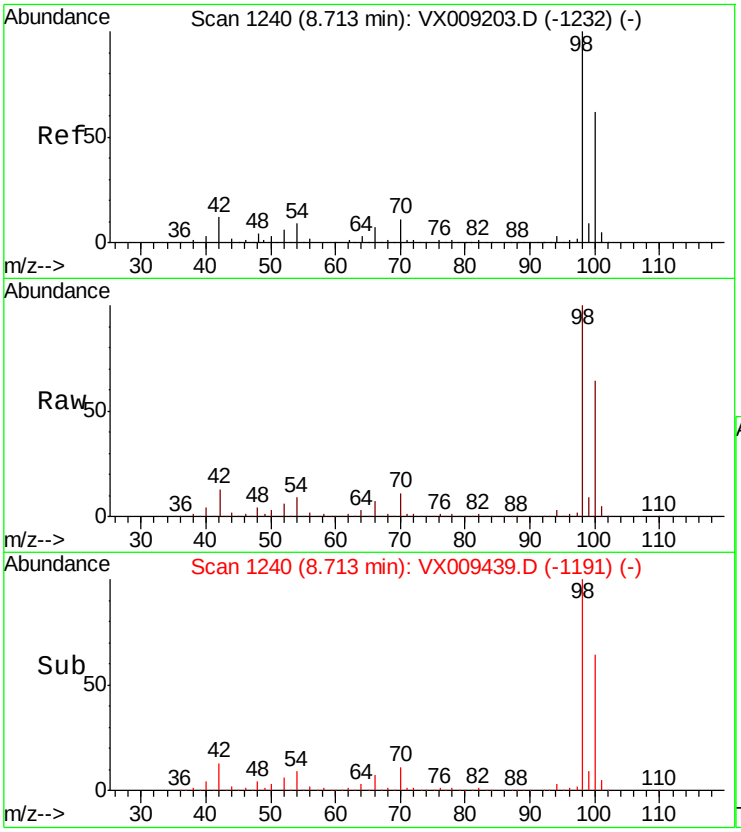


#49
1,4-Dioxane
Concen: 0.313 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.02 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Tgt Ion: 88 Resp: 19

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



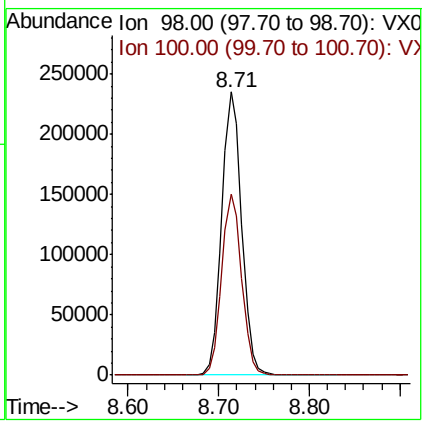


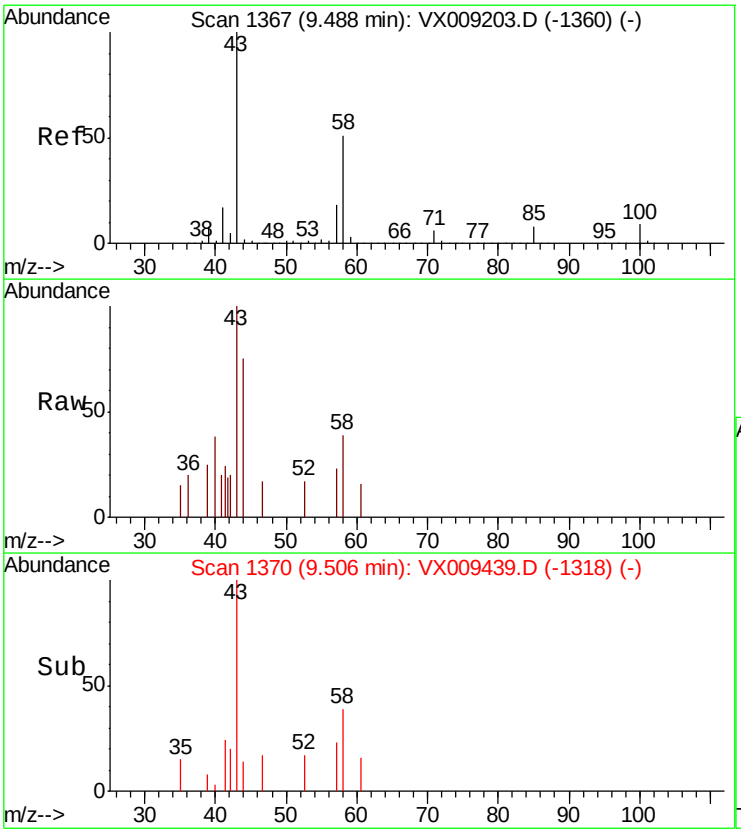
#50
Toluene-d8
Concen: 48.733 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 360865

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.2	76.8

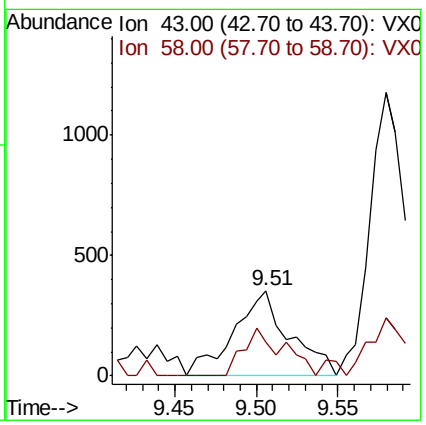


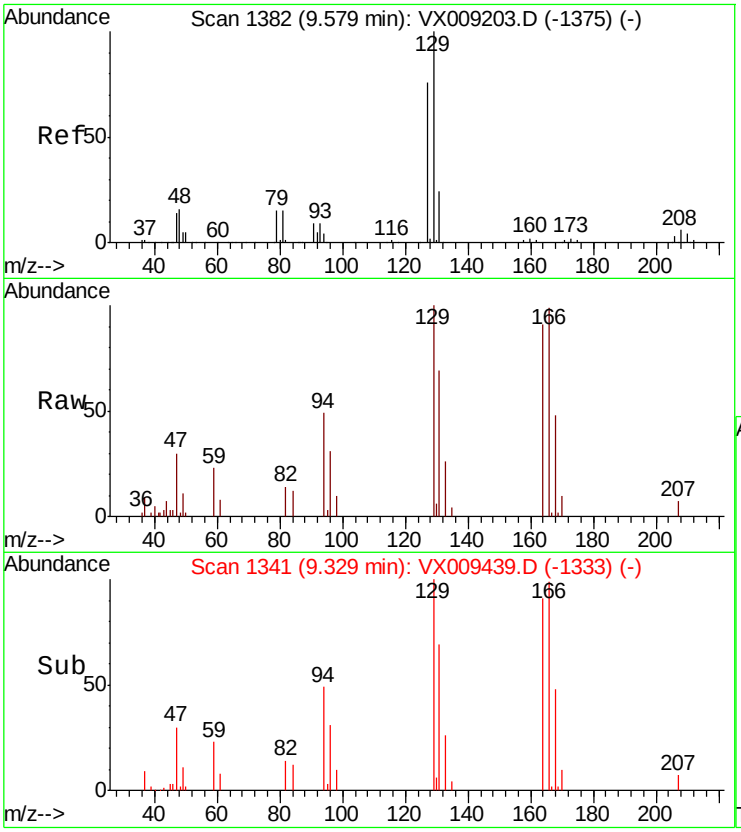


#59
2-Hexanone
Concen: 0.272 ug/l
RT: 9.51 min Scan# 1370
Delta R.T. 0.02 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Tgt Ion: 43 Resp: 844

Ion	Ratio	Lower	Upper
43	100		
58	40.3	25.9	77.7



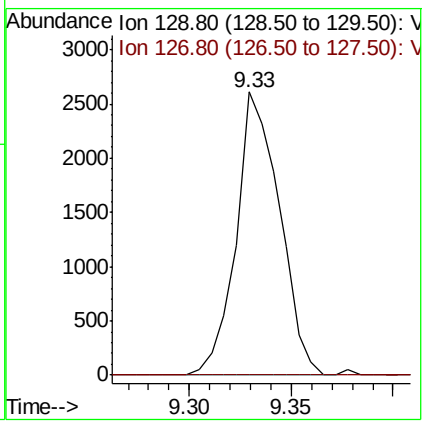


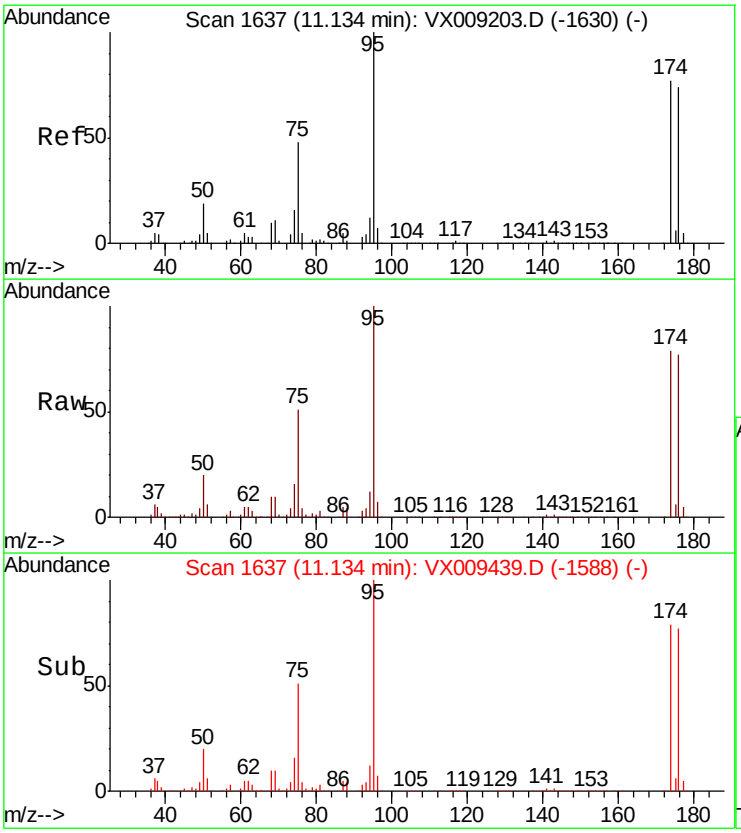
#60
Dibromochloromethane
Concen: 1.889 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.25 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Instrument : MSVOA_X
ClientSampleId :

Tgt Ion:129 Resp: 3839

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.4	115.1#

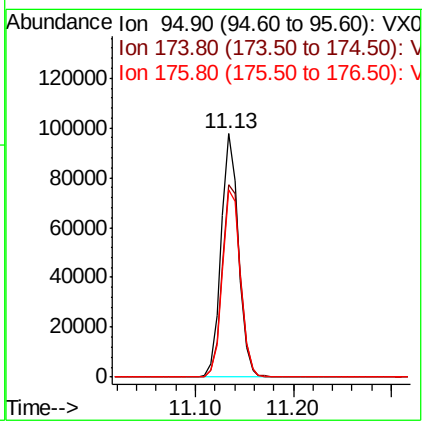


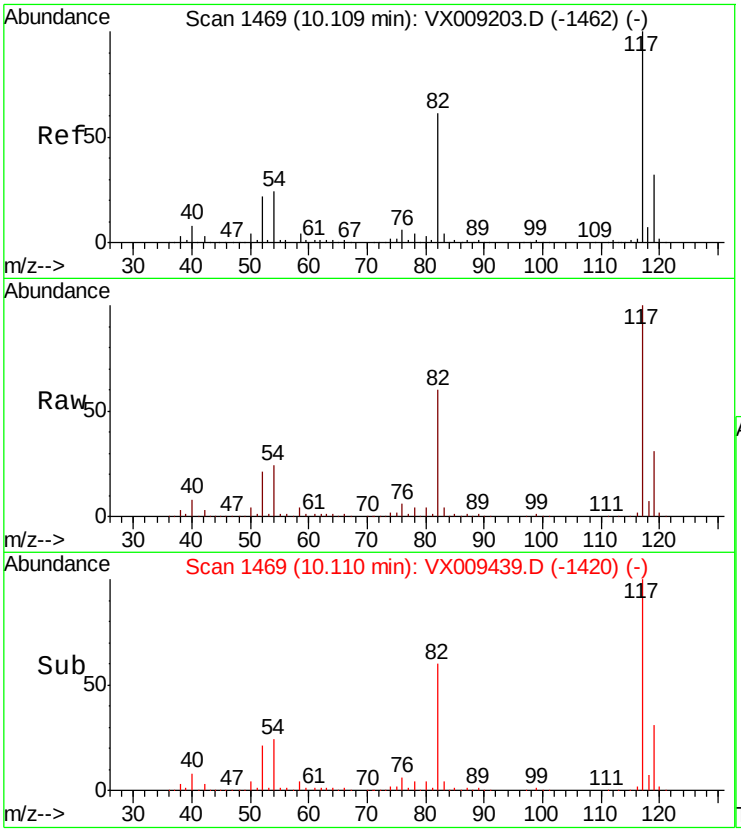


#62
4-Bromofluorobenzene
Concen: 44.612 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Tgt Ion: 95 Resp: 120038

Ion	Ratio	Lower	Upper
95	100		
174	83.2	0.0	161.6
176	80.2	0.0	159.2



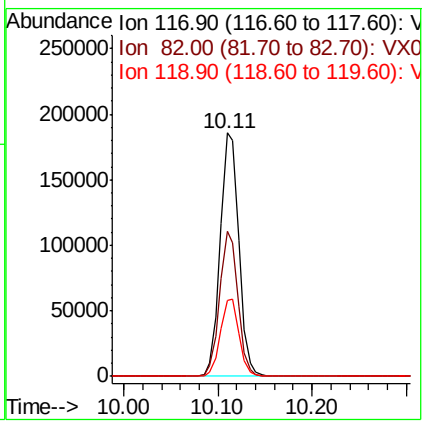


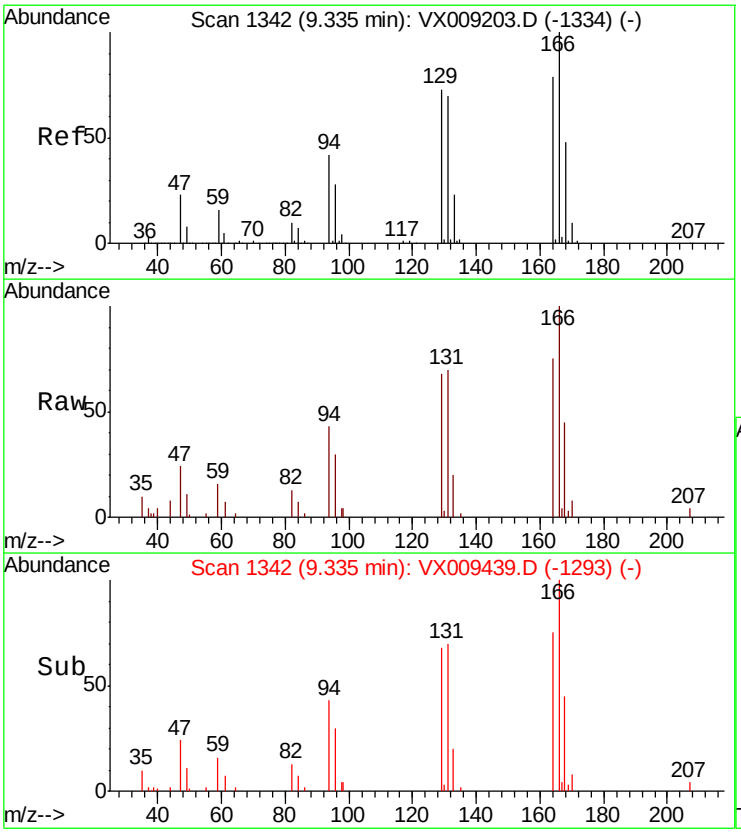
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 254692

Ion	Ratio	Lower	Upper
117	100		
82	59.7	48.8	73.2
119	31.5	25.8	38.6

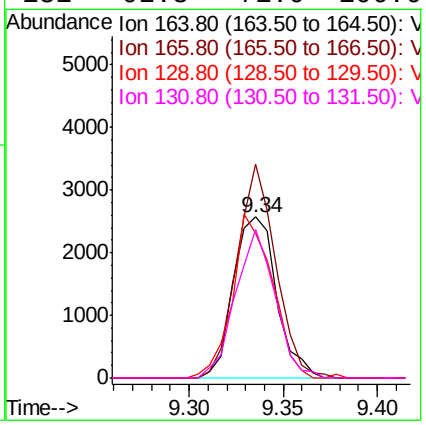


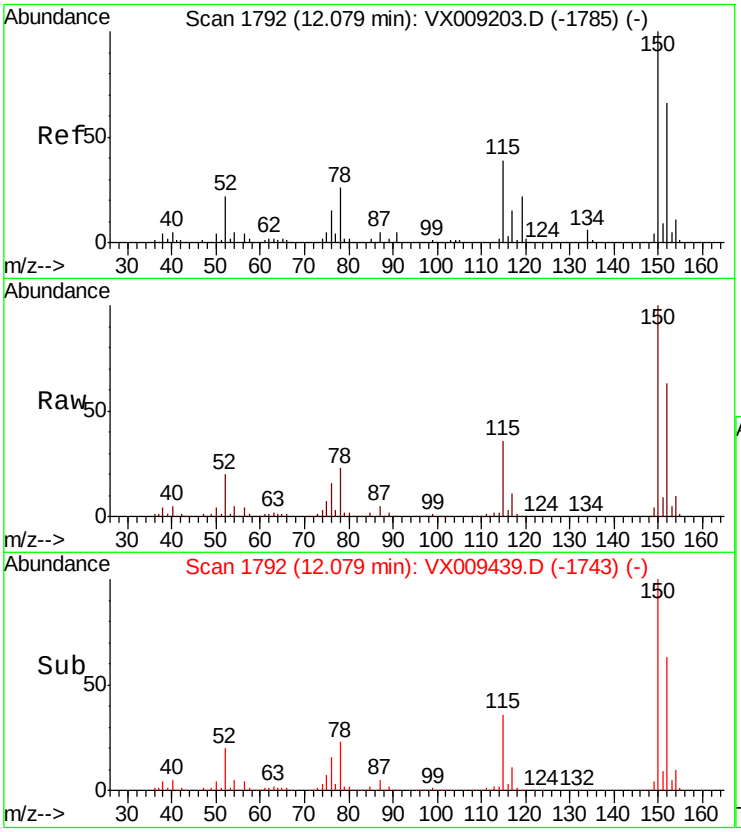


#64
Tetrachloroethene
Concen: 2.328 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Tgt Ion:164 Resp: 4067

Ion	Ratio	Lower	Upper
164	100		
166	132.7	101.2	151.8
129	90.3	74.3	111.5
131	92.3	71.0	106.6



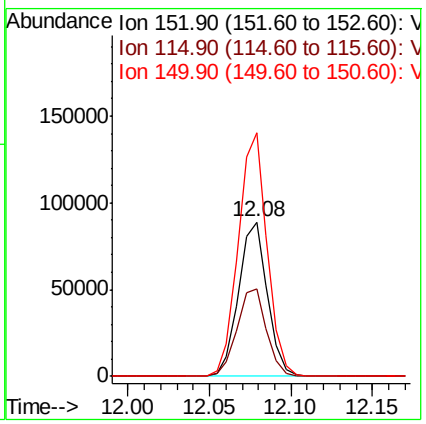


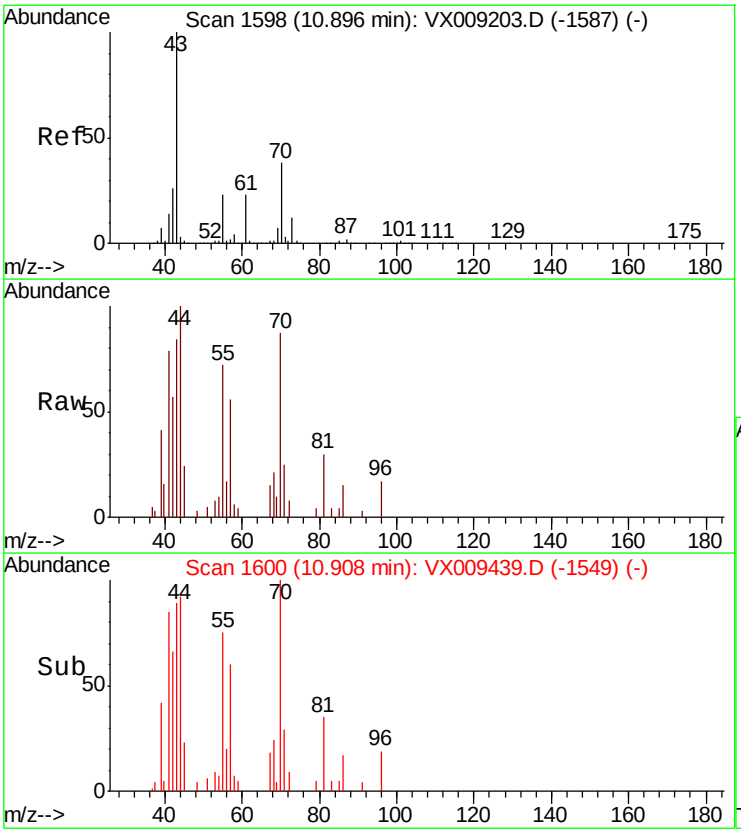
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 109235

Ion	Ratio	Lower	Upper
152	100		
115	58.3	41.2	123.6
150	157.7	0.0	346.4

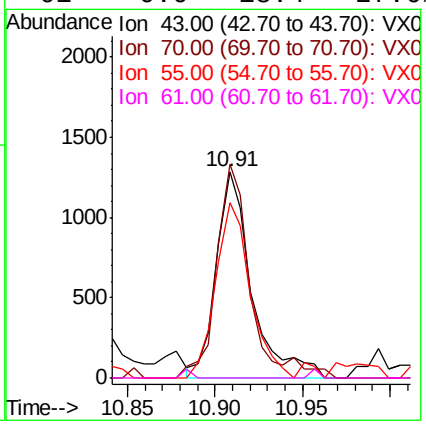


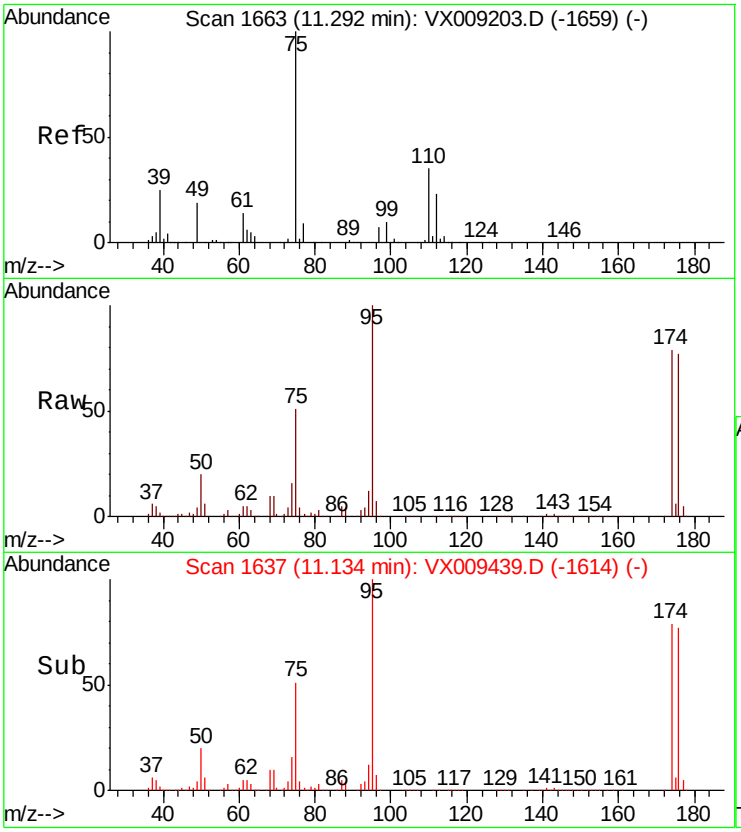


#74
N-amyl acetate
Concen: 0.391 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Tgt Ion: 43 Resp: 1810

Ion	Ratio	Lower	Upper
43	100		
70	98.7	30.0	45.0#
55	83.2	17.9	26.9#
61	0.0	18.4	27.6#



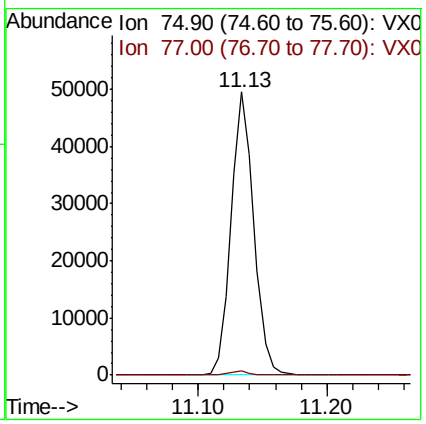


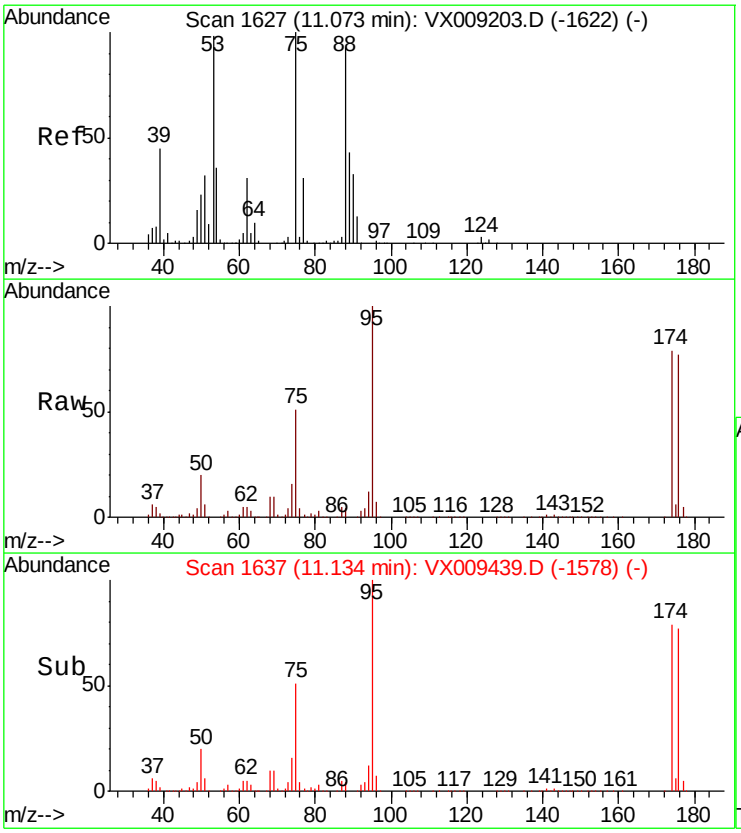
#76
1,2,3-Trichloropropane
Concen: 24.154 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 61203

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.1	66.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 61.802 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009439.D
Acq: 09 May 2019 19:41

Tgt Ion: 75 Resp: 61203

Ion	Ratio	Lower	Upper
75	100		
53	0.1	79.0	118.6#
89	0.0	34.7	52.1#