Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052019\
Data File : VX009734.D
Acq On : 20 May 2019 18:23
Operator : JC/SP
Sample : K2910-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S81-0102

Quant Time: May 21 07:42:39 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	167975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	269667	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	236343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95040	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113108	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.66%			
35) Dibromofluoromethane	5.50	113	83046	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.98%			
50) Toluene-d8	8.71	98	339294	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.14%			
62) 4-Bromofluorobenzene	11.13	95	108875	43.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.56%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	946	0.448	ug/l	95
5) Bromomethane	1.65	94	324	0.262	ug/l #	26
10) Methyl Iodide	2.52	142	45	4.616	ug/l #	29
11) Tert butyl alcohol	3.03	59	1256	2.366	ug/l	98
13) Acrolein	2.28	56	125	0.260	ug/l #	1
16) Acetone	2.44	43	3004	2.440	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	1538	0.251	ug/l #	68
20) Methylene Chloride	2.86	84	609	0.305	ug/l #	82
27) cis-1,2-Dichloroethene	4.59	96	25369	12.434	ug/l	87
28) Bromochloromethane	5.01	49	20	Below Cal	#	20
31) Cyclohexane	5.59	56	725	0.214	ug/l #	62
36) 1,1-Dichloropropene	5.66	75	13127	5.238	ug/l #	51
38) Carbon Tetrachloride	5.66	117	15921	6.992	ug/l #	17
40) Benzene	6.14	78	31710	4.089	ug/l	98
49) 1,4-Dioxane	7.85	88	44	0.783	ug/l #	20
76) 1,2,3-Trichloropropane	11.13	75	55905	25.359	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	55905	64.883	ug/l #	10

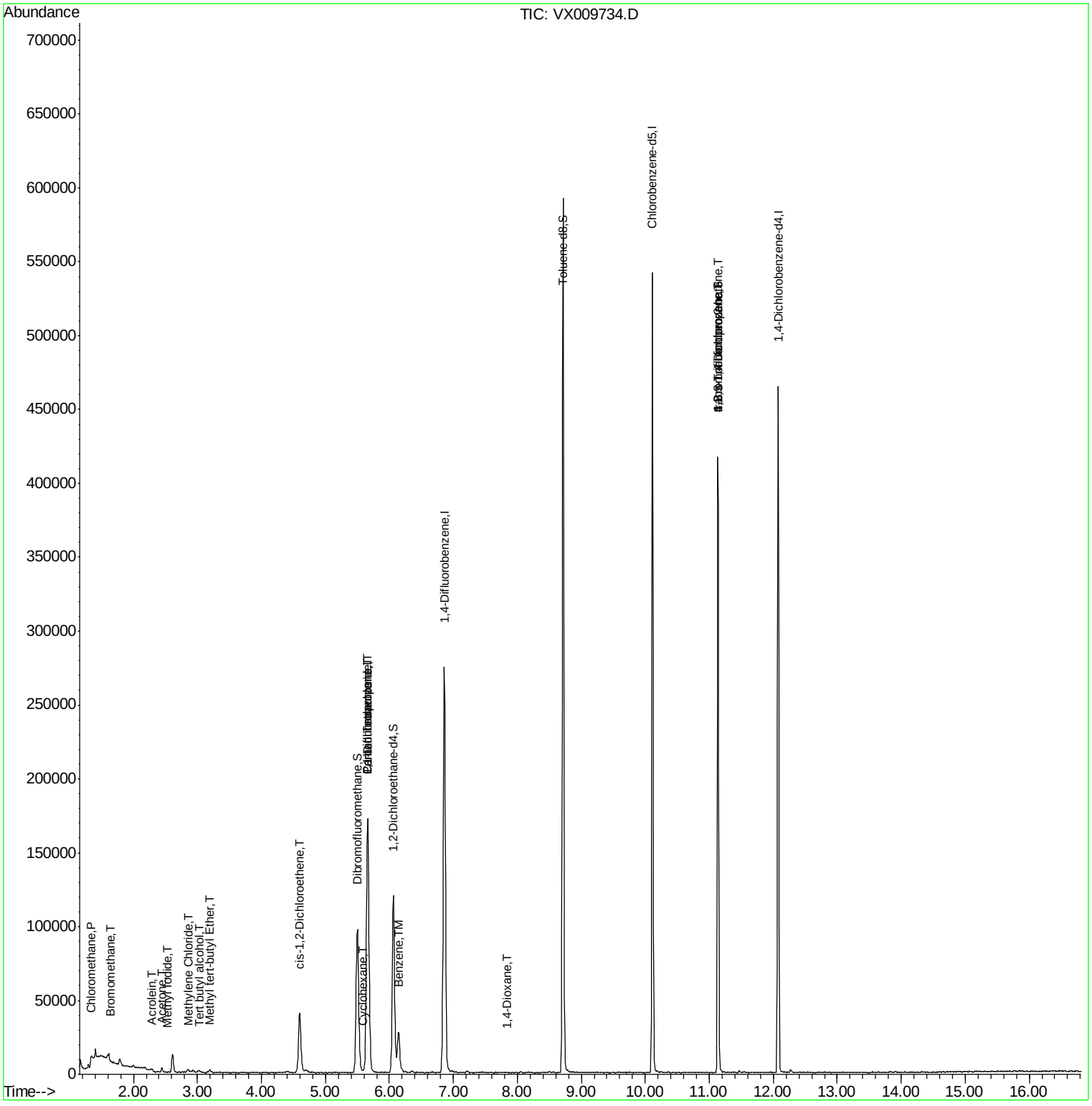
(#) = qualifier out of range (m) = manual integration (+) = signals summed

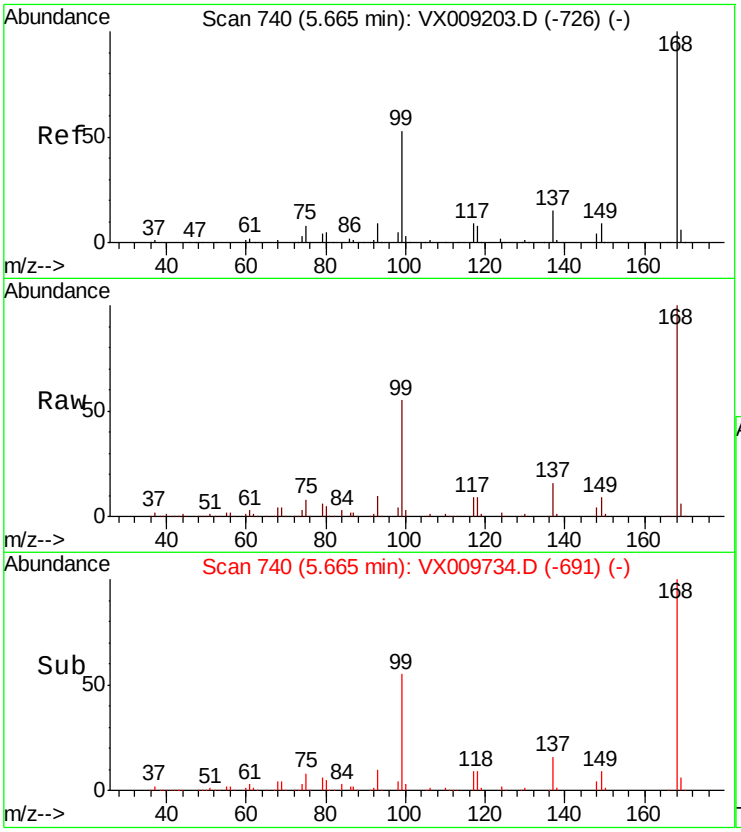
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052019\
Data File : VX009734.D
Acq On : 20 May 2019 18:23
Operator : JC/SP
Sample : K2910-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S81-0102

Quant Time: May 21 07:42:39 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



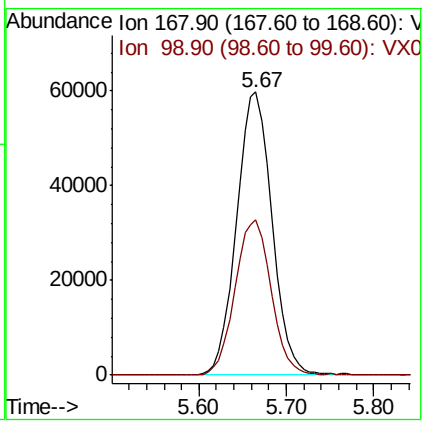


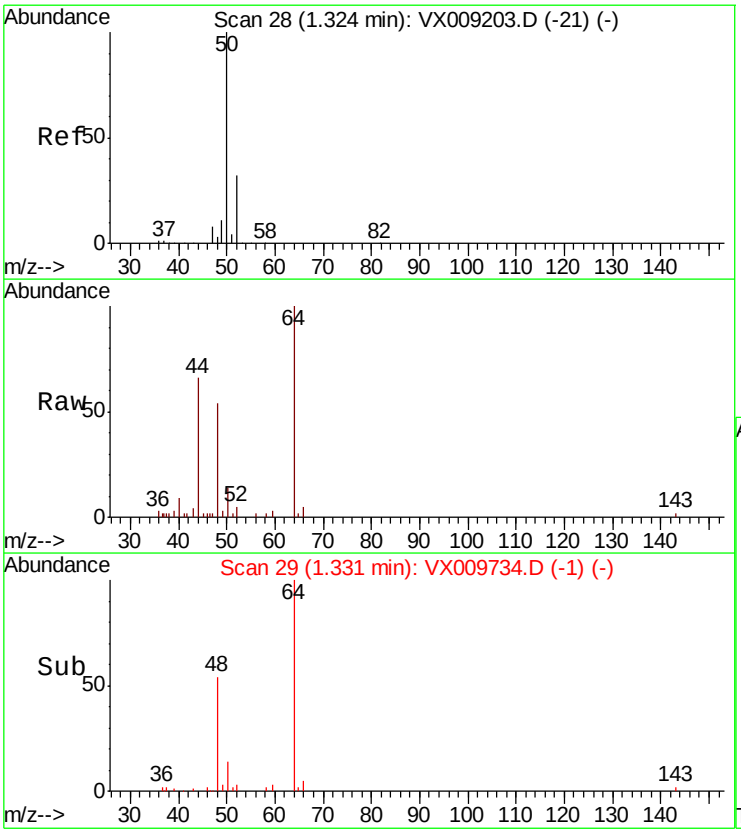
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX009734.D
Acq: 20 May 2019 18:23

Instrument :
MSVOA_X
ClientSampleId :
S81-0102

Tgt Ion:168 Resp: 167975

Ion	Ratio	Lower	Upper
168	100		
99	54.9	42.3	63.5

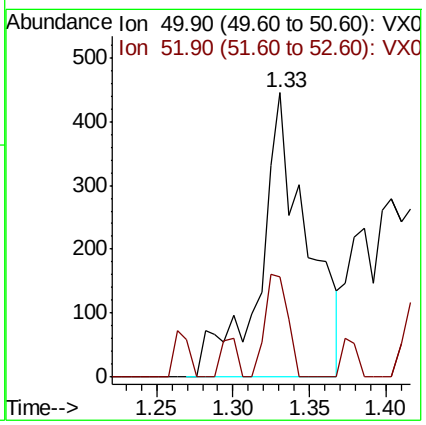


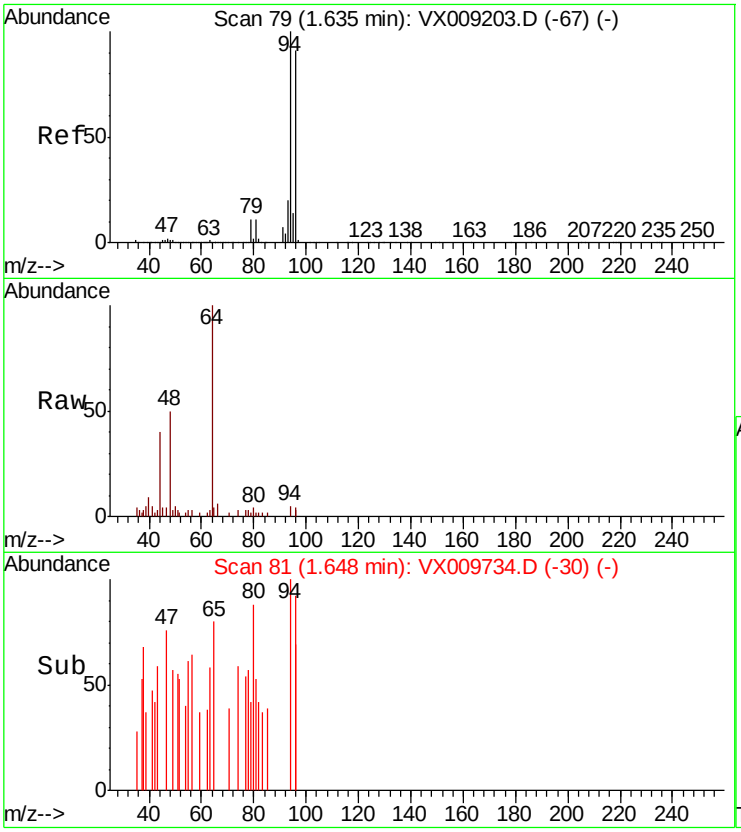


#3
Chloromethane
Concen: 0.448 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX009734.D
Acq: 20 May 2019 18:23

Tgt Ion: 50 Resp: 946

Ion	Ratio	Lower	Upper
50	100		
52	35.2	25.9	38.9



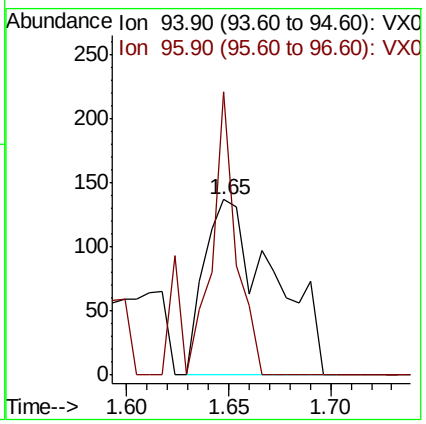


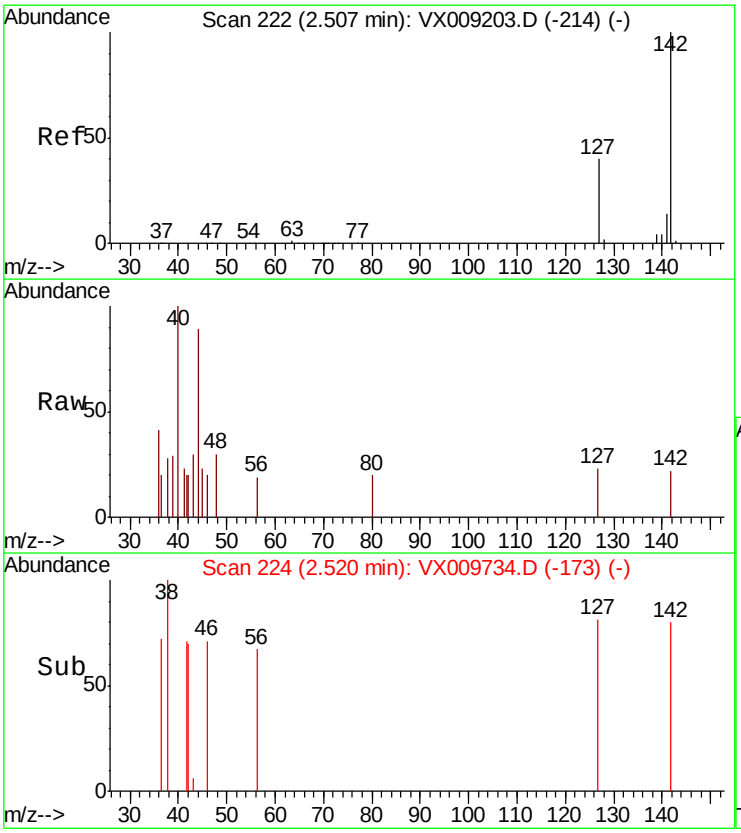
#5
Bromomethane
Concen: 0.262 ug/l
RT: 1.65 min Scan# 81
Delta R.T. 0.01 min
Lab File: VX009734.D
Acq: 20 May 2019 18:23

Instrument :
MSVOA_X
ClientSampleId :
S81-0102

Tgt Ion: 94 Resp: 324

Ion	Ratio	Lower	Upper
94	100		
96	161.3	73.0	109.6#

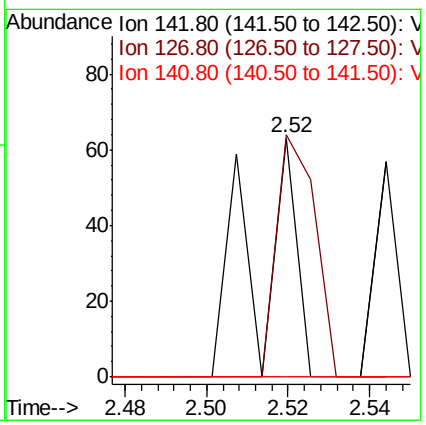


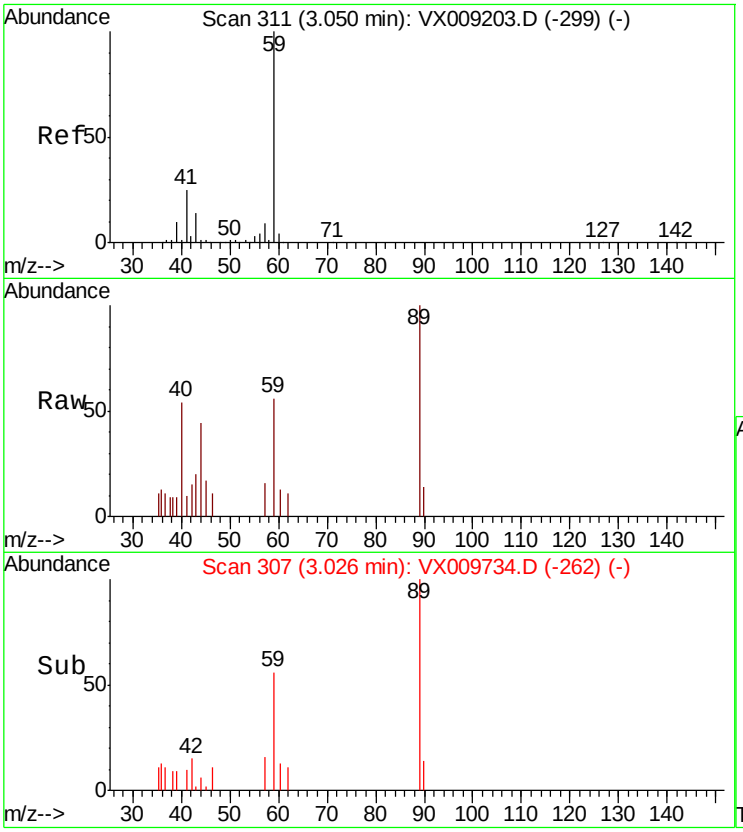


#10
Methyl Iodide
Concen: 4.616 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX009734.D
Acq: 20 May 2019 18:23

Tgt Ion:142 Resp: 45

Ion	Ratio	Lower	Upper
142	100		
127	93.3	32.7	49.1#
141	0.0	11.5	17.3#



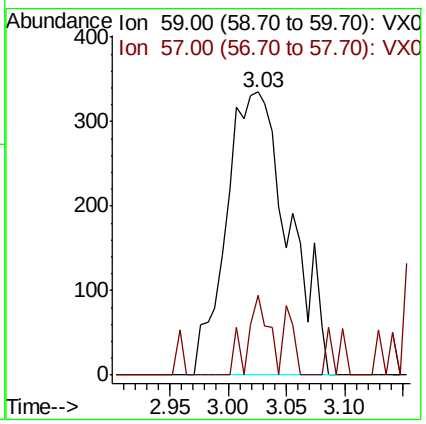


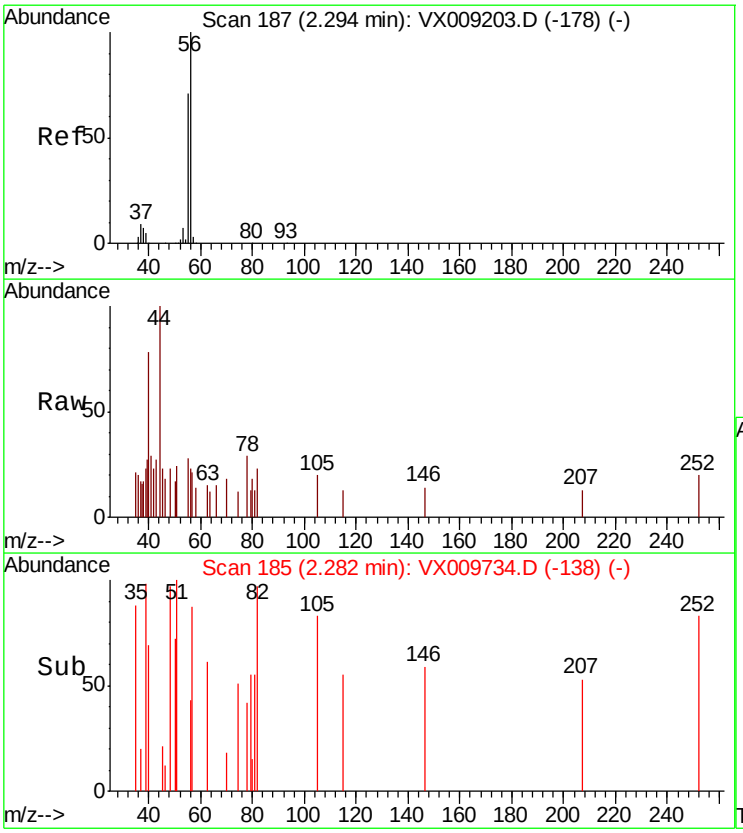
#11
Tert butyl alcohol
Concen: 2.366 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.02 min
Lab File: VX009734.D
Acq: 20 May 2019 18:23

Instrument :
MSVOA_X
ClientSampleId :
S81-0102

Tgt Ion: 59 Resp: 1256

Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.2	12.2

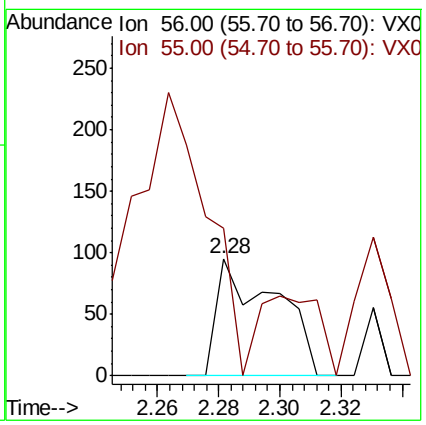


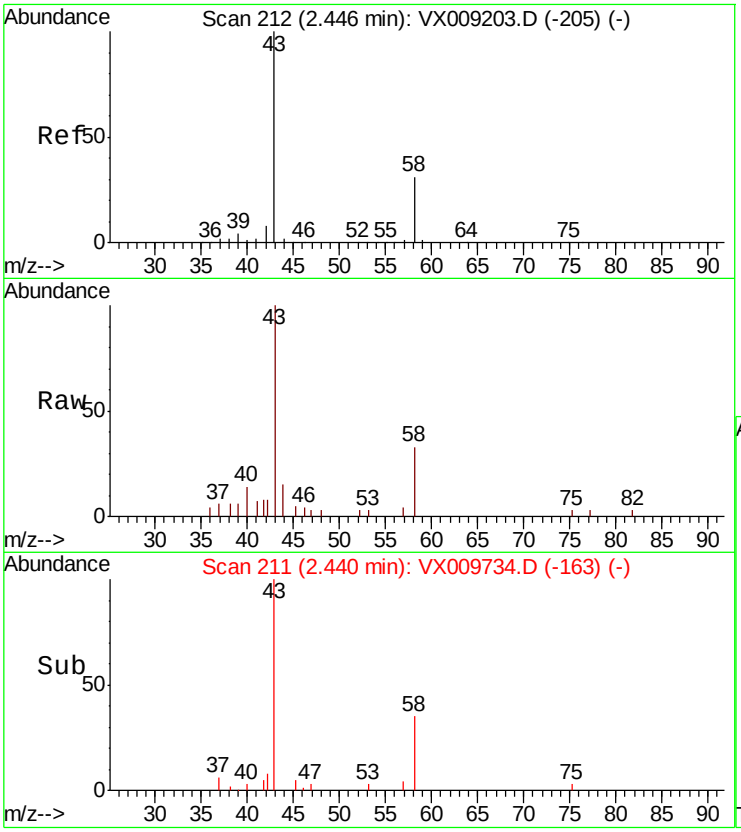


#13
Acrolein
Concen: 0.260 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX009734.D
Acq: 20 May 2019 18:23

Tgt Ion: 56 Resp: 125

Ion	Ratio	Lower	Upper
56	100		
55	304.8	56.6	85.0#



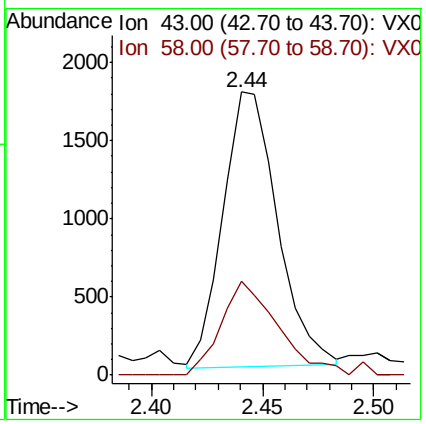


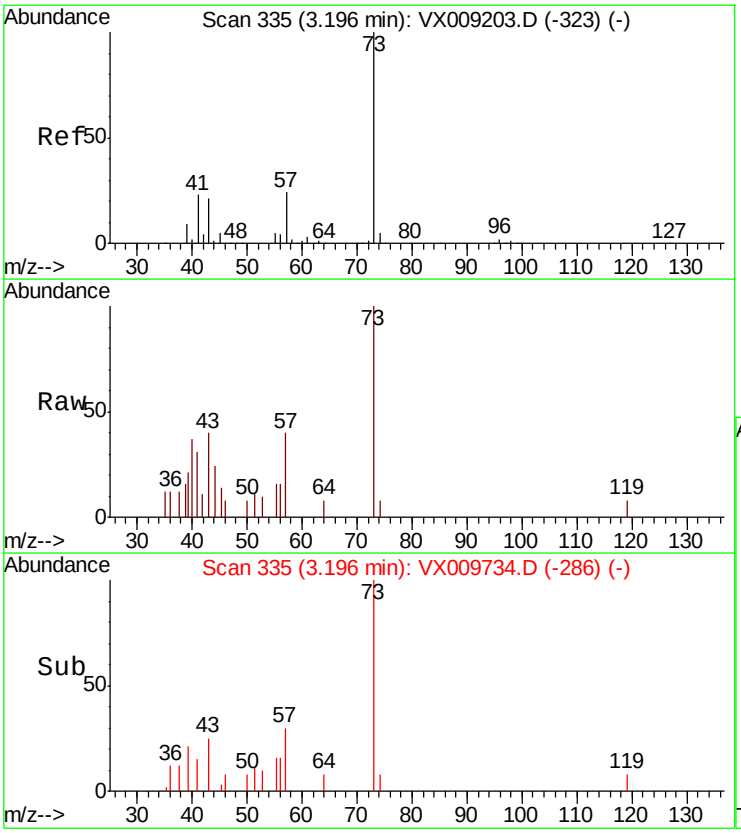
#16
Acetone
Concen: 2.440 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX009734.D
Acq: 20 May 2019 18:23

Instrument :
MSVOA_X
ClientSampleId :
S81-0102

Tgt Ion: 43 Resp: 3004

Ion	Ratio	Lower	Upper
43	100		
58	34.7	24.9	37.3

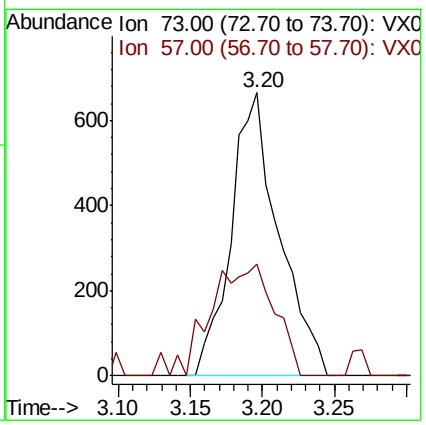


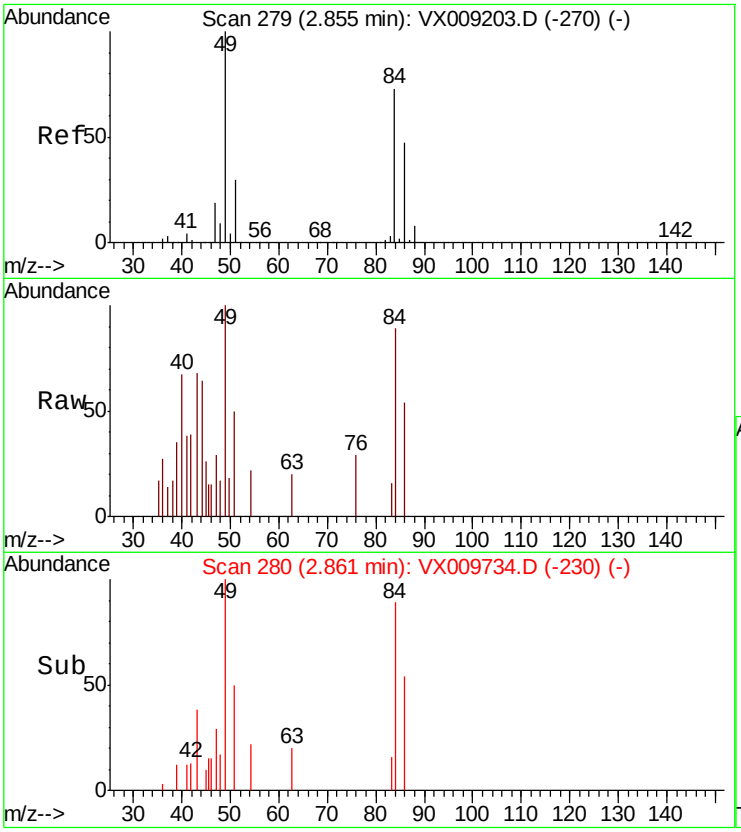


#19
Methyl tert-butyl Ether
Concen: 0.251 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009734.D
Acq: 20 May 2019 18:23

Tgt Ion: 73 Resp: 1538

Ion	Ratio	Lower	Upper
73	100		
57	39.7	19.3	28.9#



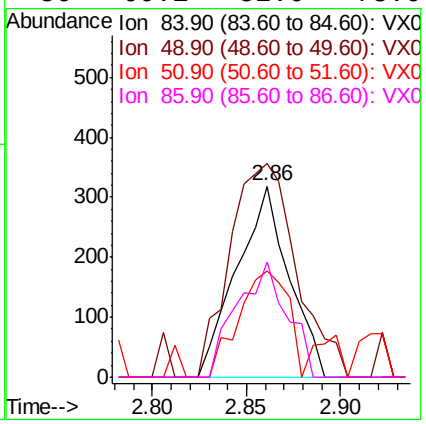


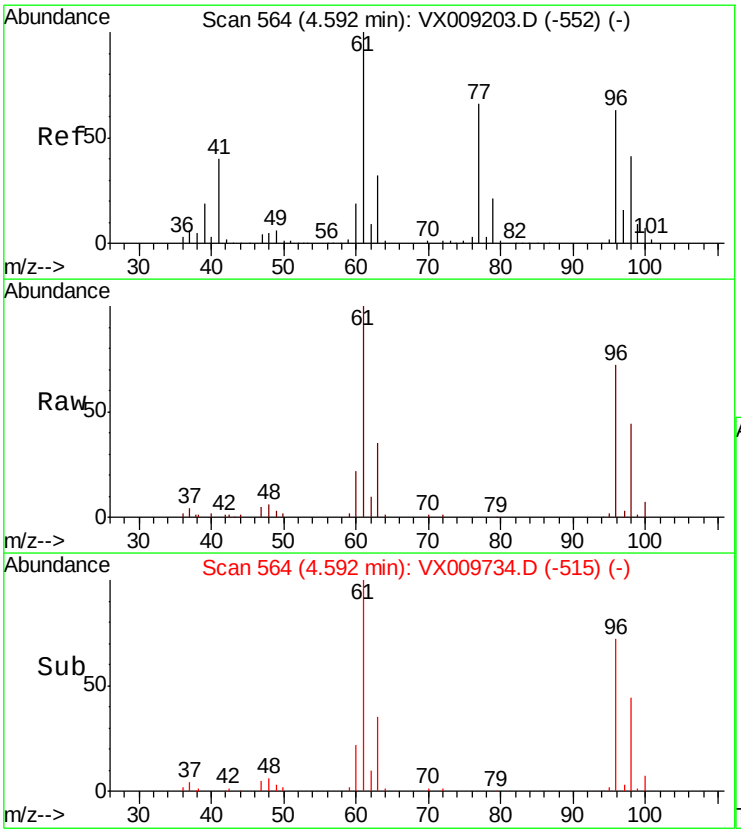
#20
Methylene Chloride
Concen: 0.305 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009734.D
Acq: 20 May 2019 18:23

Instrument : MSVOA_X
ClientSampleId : S81-0102

Tgt Ion: 84 Resp: 609

Ion	Ratio	Lower	Upper
84	100		
49	111.9	109.9	164.9
51	56.0	32.7	49.1#
86	60.1	52.0	78.0

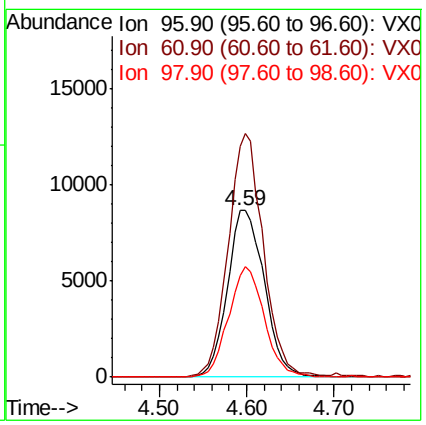


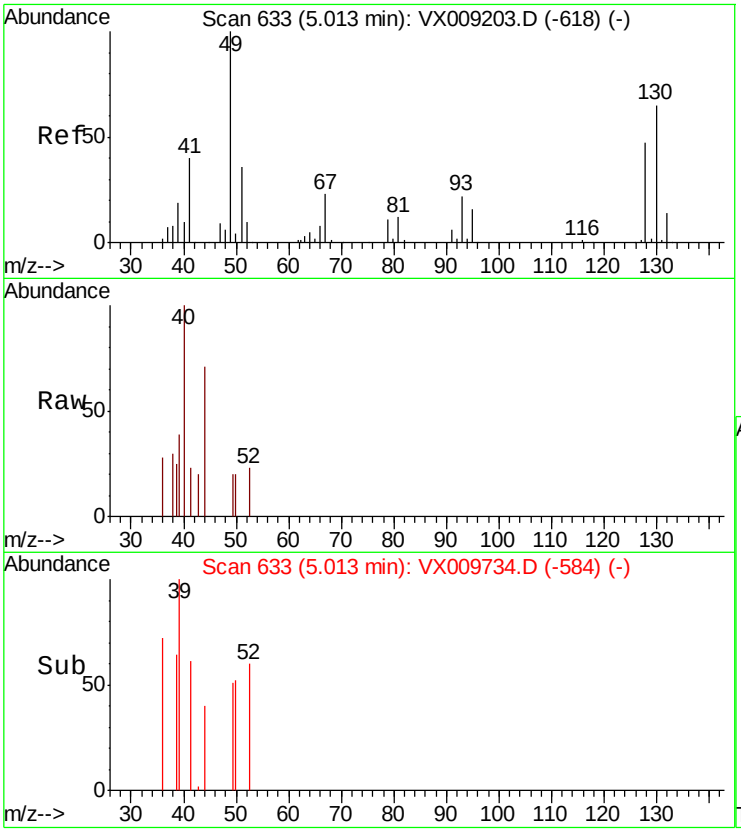


#27
cis-1,2-Dichloroethene
Concen: 12.434 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX009734.D
Acq: 20 May 2019 18:23

Tgt Ion: 96 Resp: 25369

Ion	Ratio	Lower	Upper
96	100		
61	139.1	0.0	324.0
98	63.9	0.0	130.4



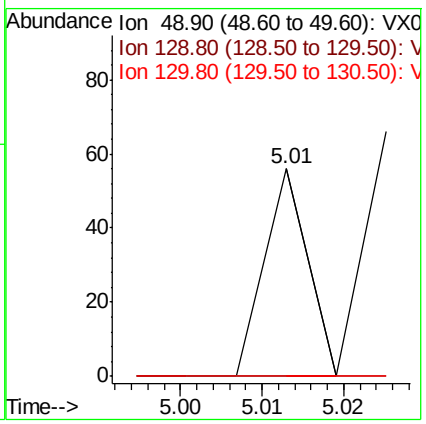


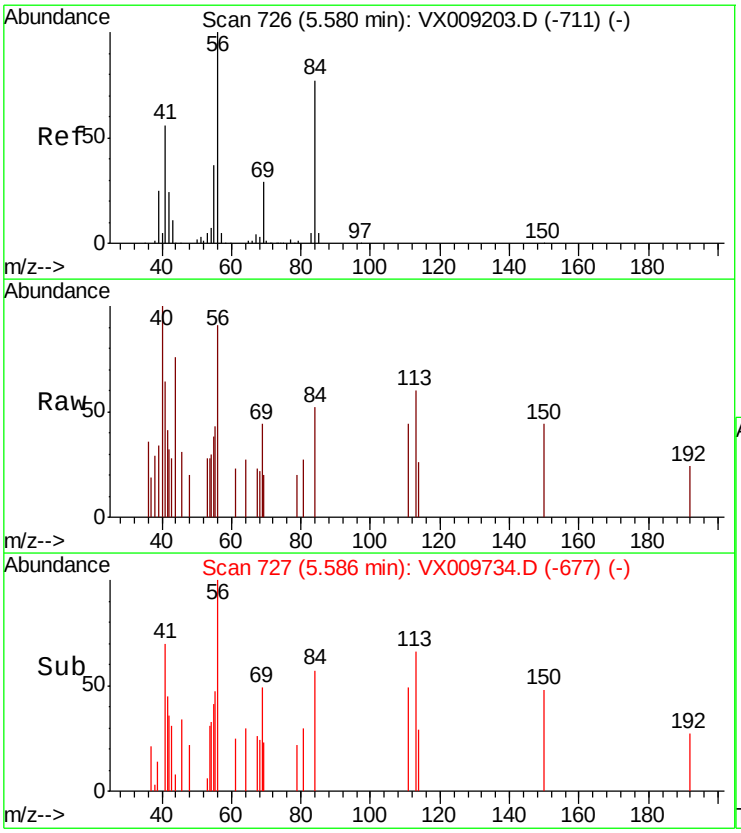
#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009734.D
Acq: 20 May 2019 18:23

Instrument :
MSVOA_X
ClientSampleId :
S81-0102

Tgt Ion: 49 Resp: 20

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

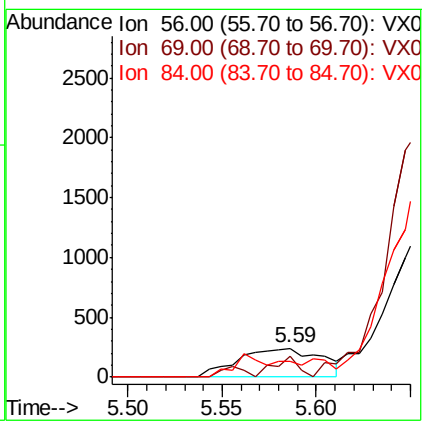


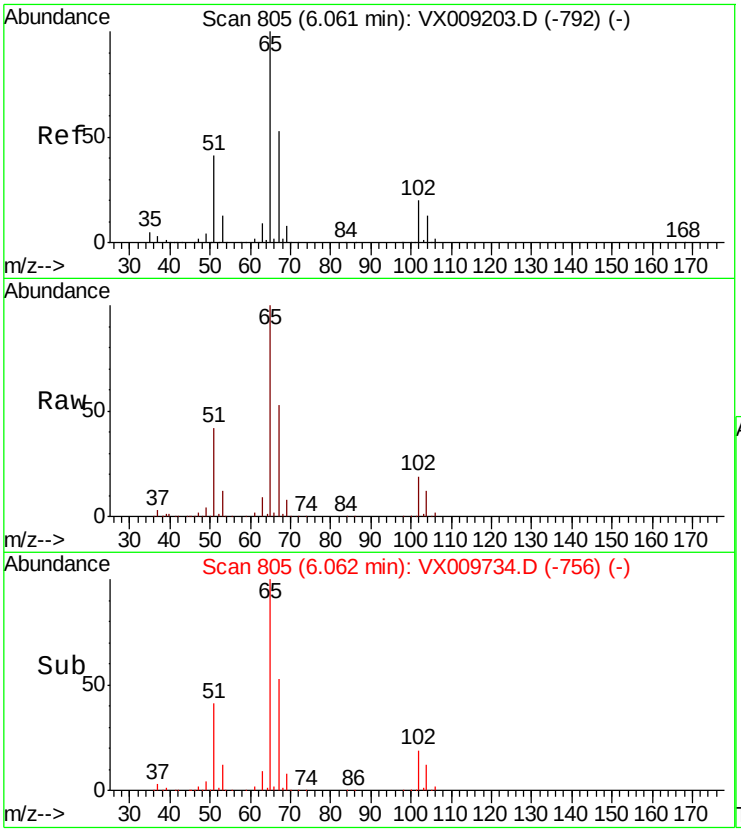


#31
Cyclohexane
Concen: 0.214 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX009734.D
Acq: 20 May 2019 18:23

Tgt Ion: 56 Resp: 725

Ion	Ratio	Lower	Upper
56	100		
69	71.1	23.4	35.0#
84	57.3	61.9	92.9#



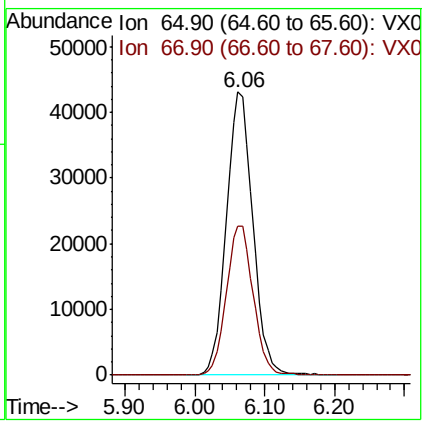


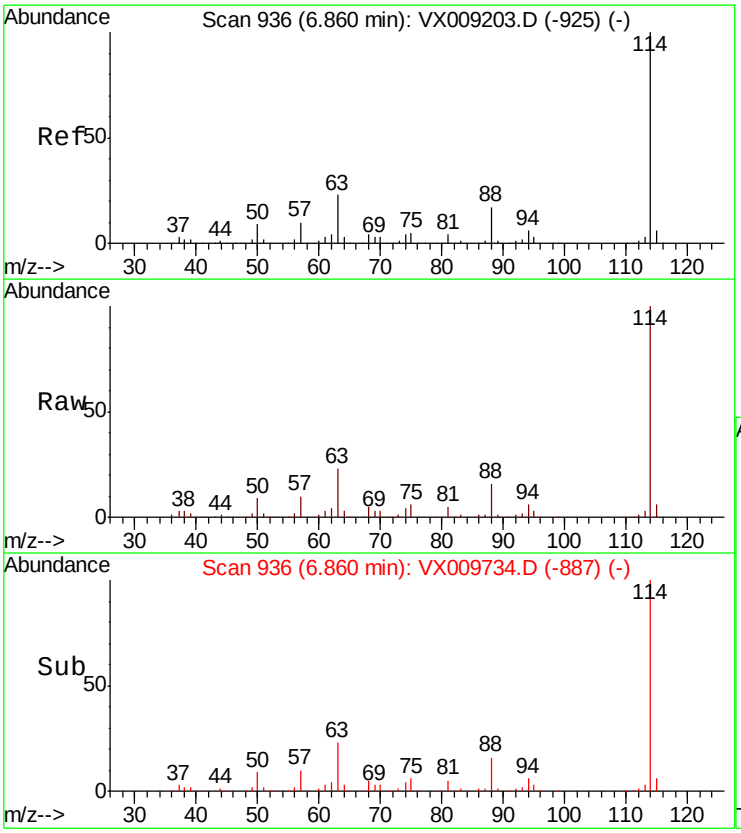
#33
1,2-Dichloroethane-d4
Concen: 49.326 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009734.D
Acq: 20 May 2019 18:23

Instrument :
MSVOA_X
ClientSampleId :
S81-0102

Tgt Ion: 65 Resp: 113108

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	106.6

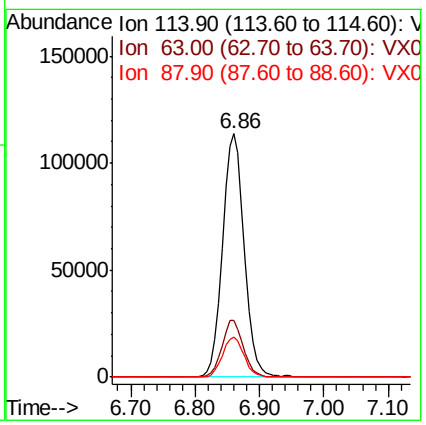


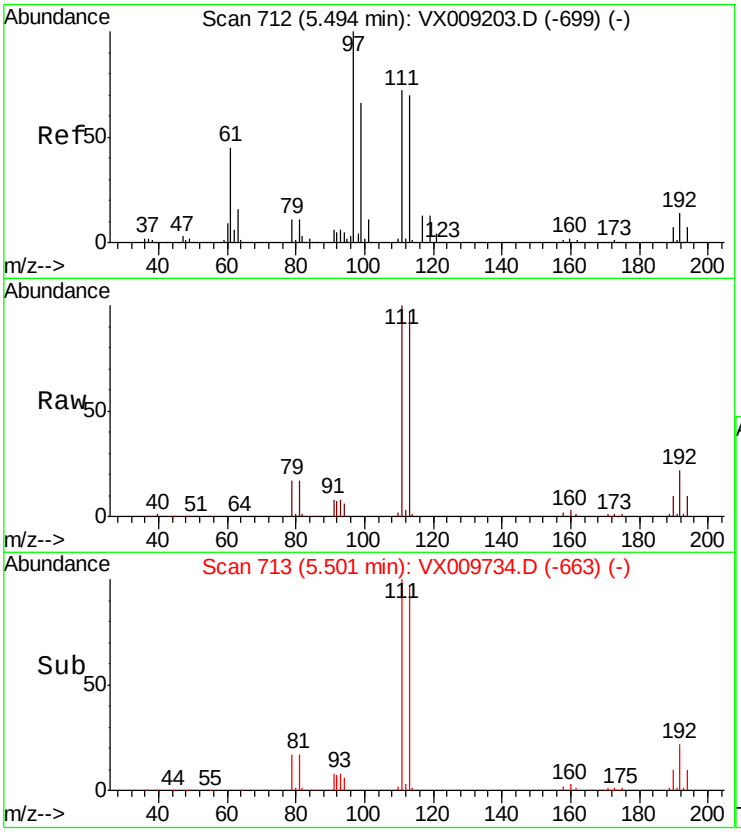


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009734.D
Acq: 20 May 2019 18:23

Tgt Ion:114 Resp: 269667

Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	45.6
88	16.3	0.0	33.2



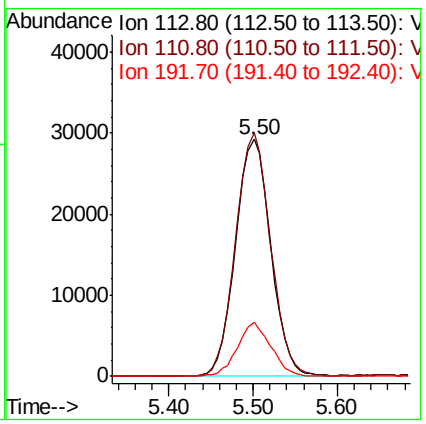


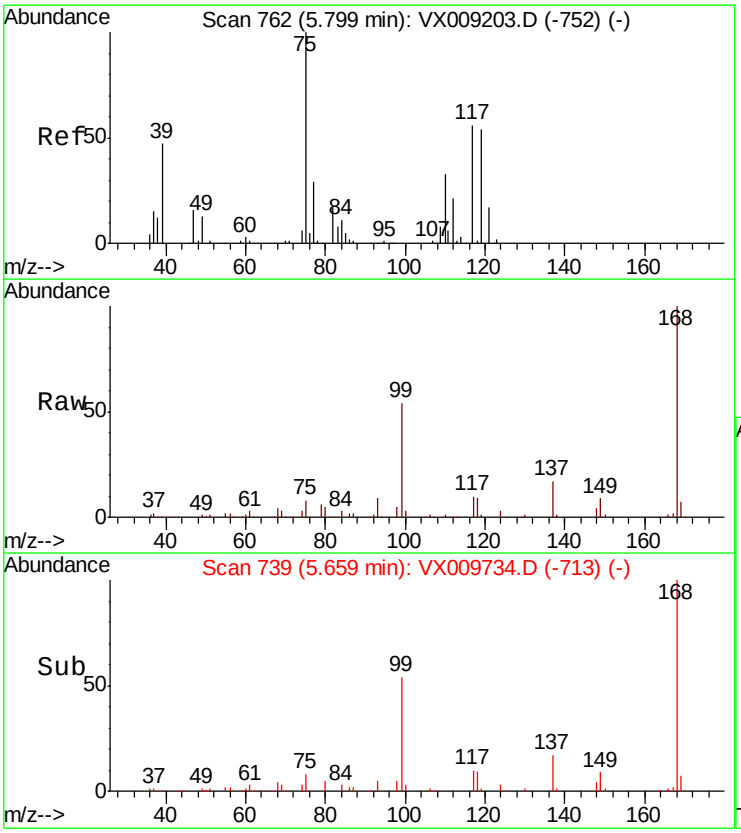
#35
Dibromofluoromethane
Concen: 48.988 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009734.D
Acq: 20 May 2019 18:23

Instrument :
MSVOA_X
ClientSampleId :
S81-0102

Tgt Ion:113 Resp: 83046

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.8	124.2
192	21.3	17.0	25.6

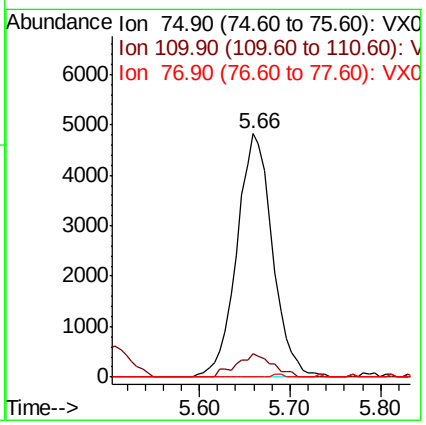


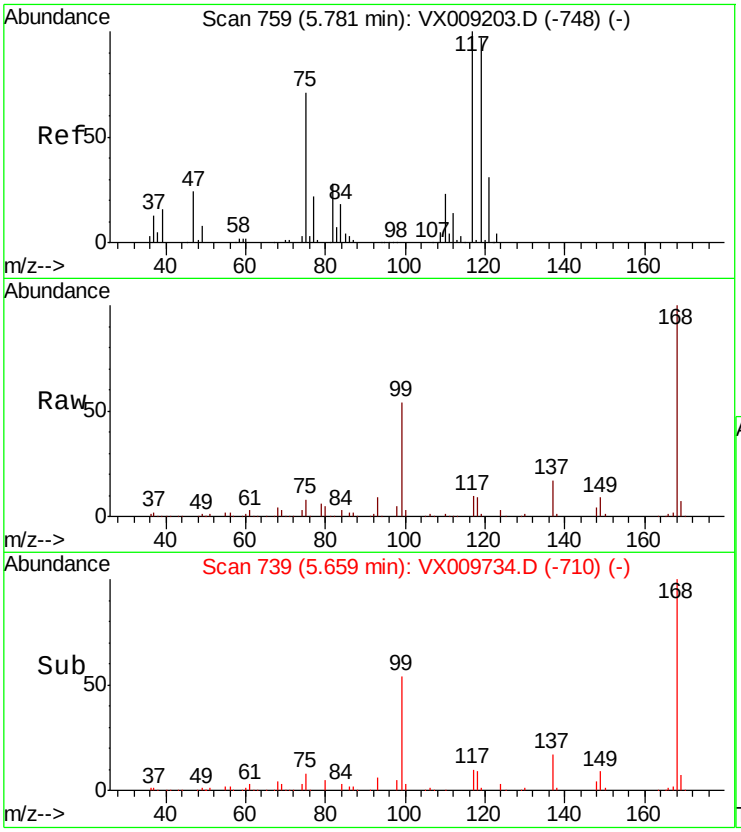


#36
1,1-Dichloropropene
Concen: 5.238 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX009734.D
Acq: 20 May 2019 18:23

Tgt Ion: 75 Resp: 13127

Ion	Ratio	Lower	Upper
75	100		
110	9.7	16.9	50.6#
77	0.0	24.8	37.2#



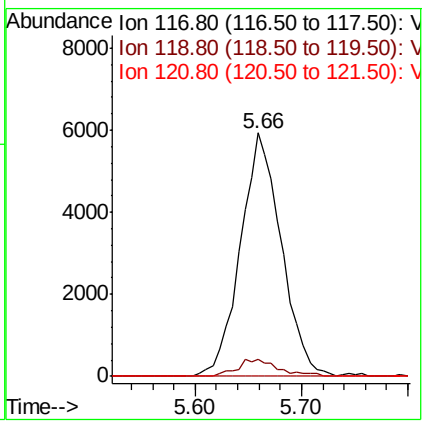


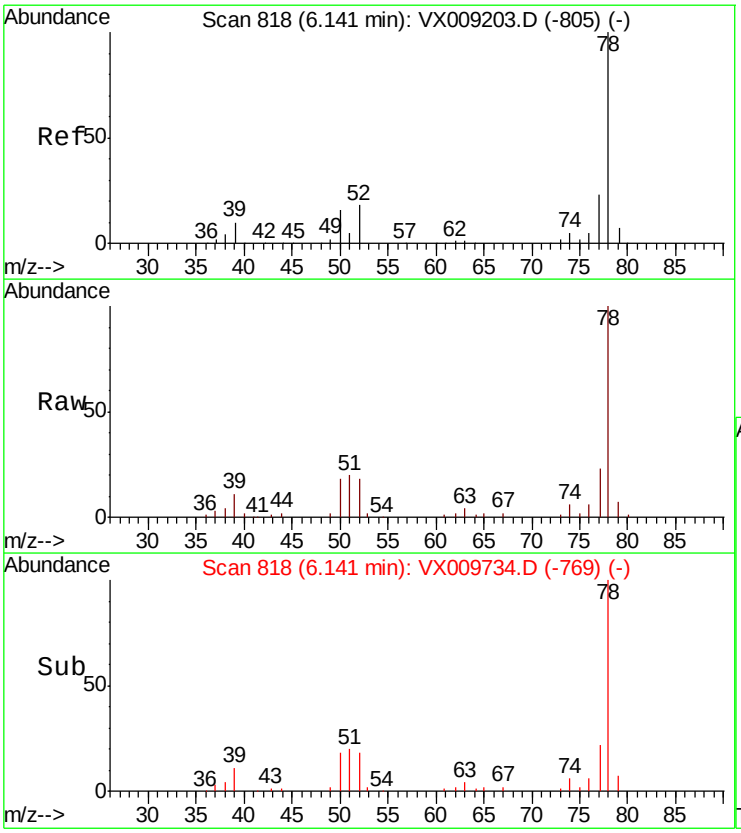
#38
Carbon Tetrachloride
Concen: 6.992 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX009734.D
Acq: 20 May 2019 18:23

Instrument : MSVOA_X
ClientSampleId : S81-0102

Tgt Ion:117 Resp: 15921

Ion	Ratio	Lower	Upper
117	100		
119	6.9	77.5	116.3#
121	0.0	24.7	37.1#

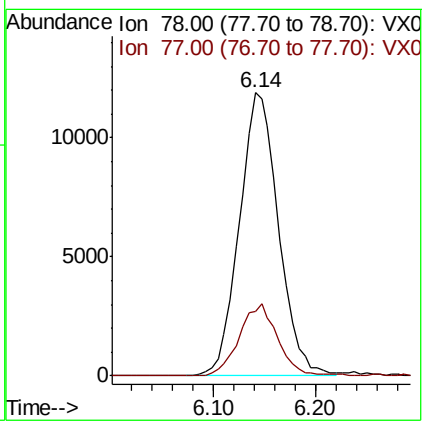


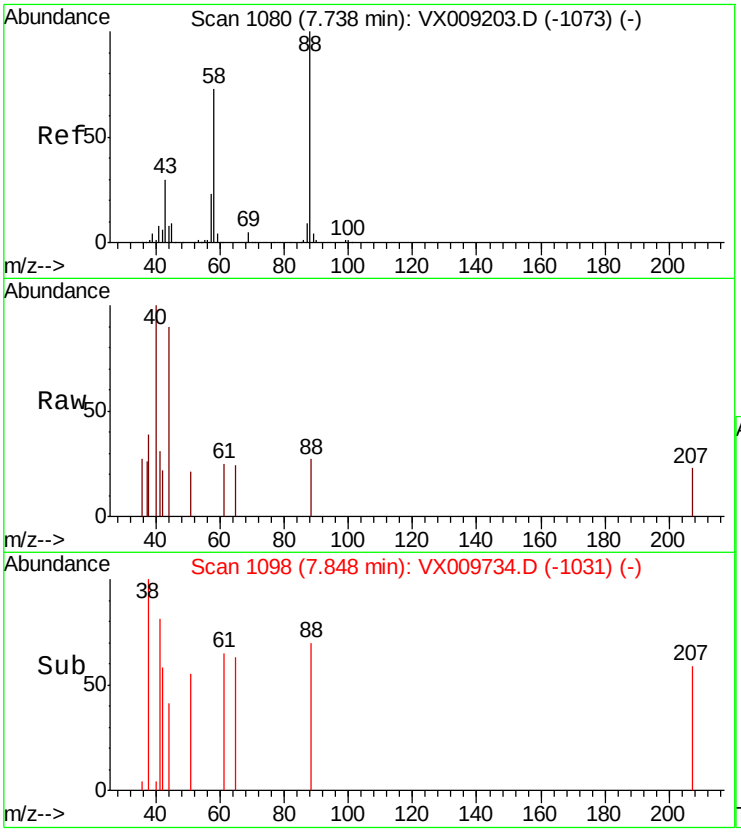


#40
Benzene
Concen: 4.089 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009734.D
Acq: 20 May 2019 18:23

Tgt Ion: 78 Resp: 31710

Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.8	28.2



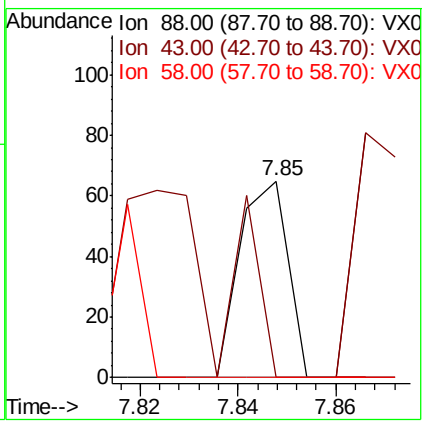


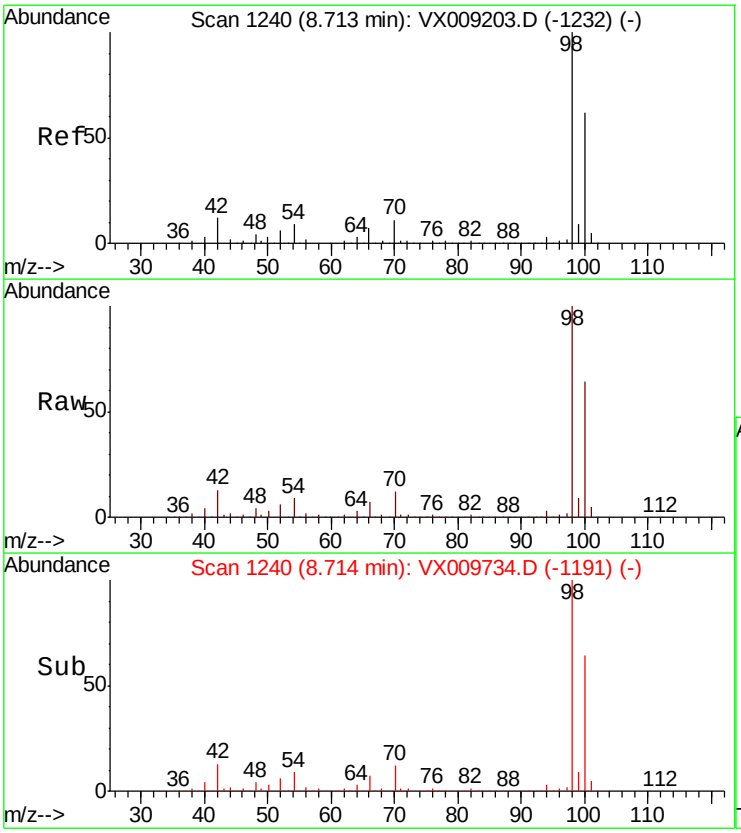
#49
1,4-Dioxane
Concen: 0.783 ug/l
RT: 7.85 min Scan# 1098
Delta R.T. 0.11 min
Lab File: VX009734.D
Acq: 20 May 2019 18:23

Instrument :
MSVOA_X
ClientSampleId :
S81-0102

Tgt Ion: 88 Resp: 44

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

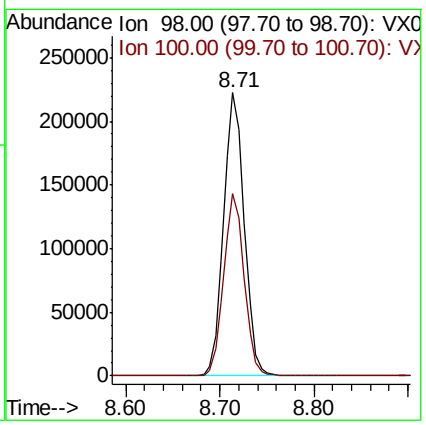


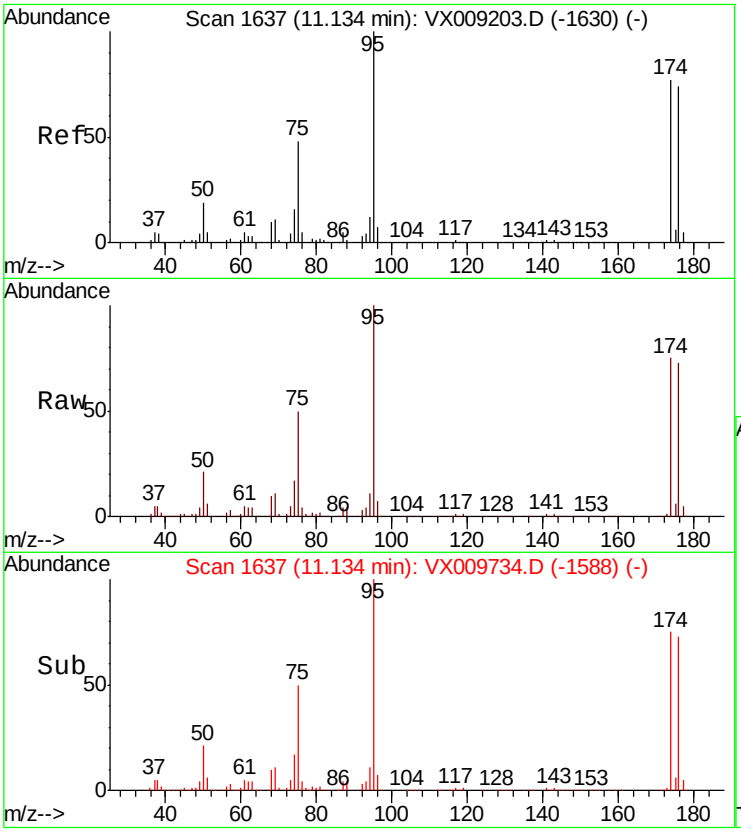


#50
Toluene-d8
Concen: 49.575 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009734.D
Acq: 20 May 2019 18:23

Tgt Ion: 98 Resp: 339294

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.2	76.8



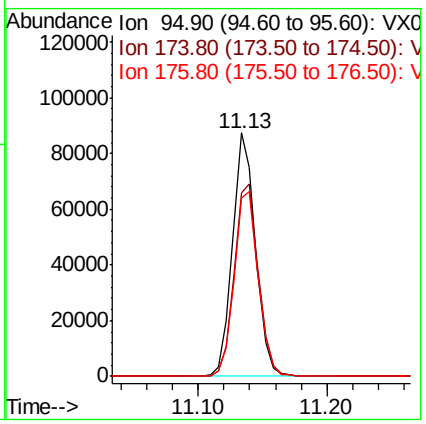


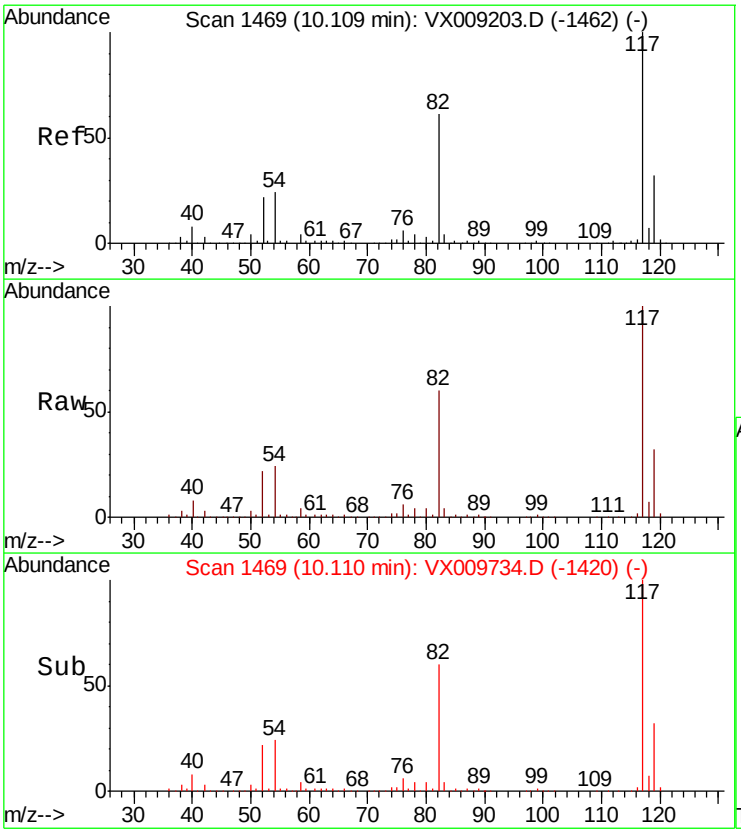
#62
4-Bromofluorobenzene
Concen: 43.780 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009734.D
Acq: 20 May 2019 18:23

Instrument :
MSVOA_X
ClientSampleId :
S81-0102

Tgt Ion: 95 Resp: 108875

Ion	Ratio	Lower	Upper
95	100		
174	82.9	0.0	161.6
176	79.3	0.0	159.2

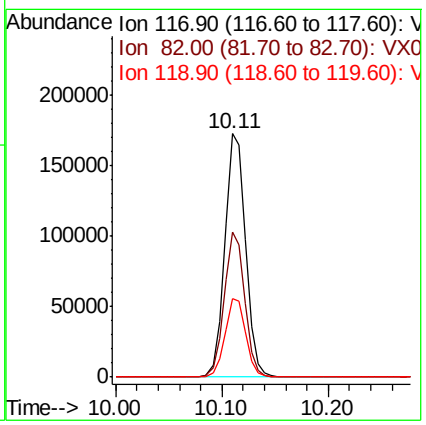


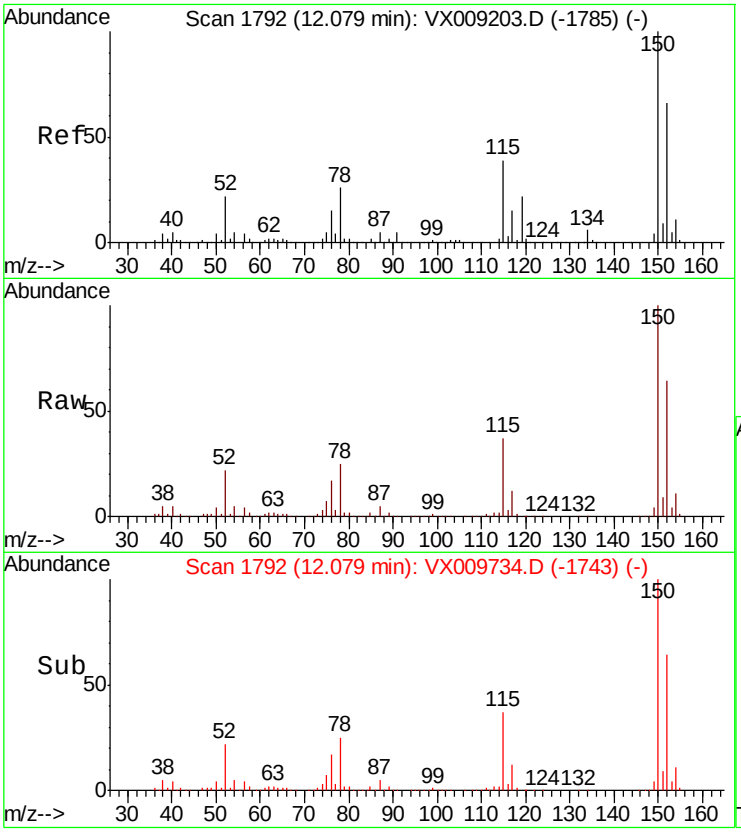


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009734.D
Acq: 20 May 2019 18:23

Tgt Ion:117 Resp: 236343

Ion	Ratio	Lower	Upper
117	100		
82	59.6	48.8	73.2
119	32.3	25.8	38.6



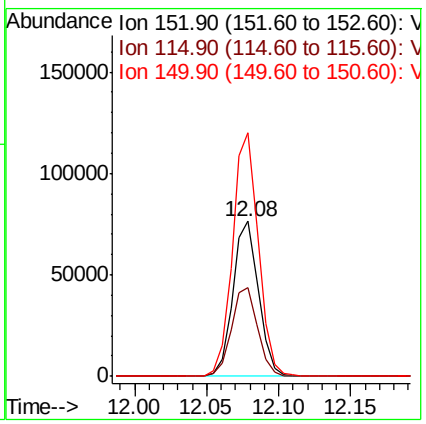


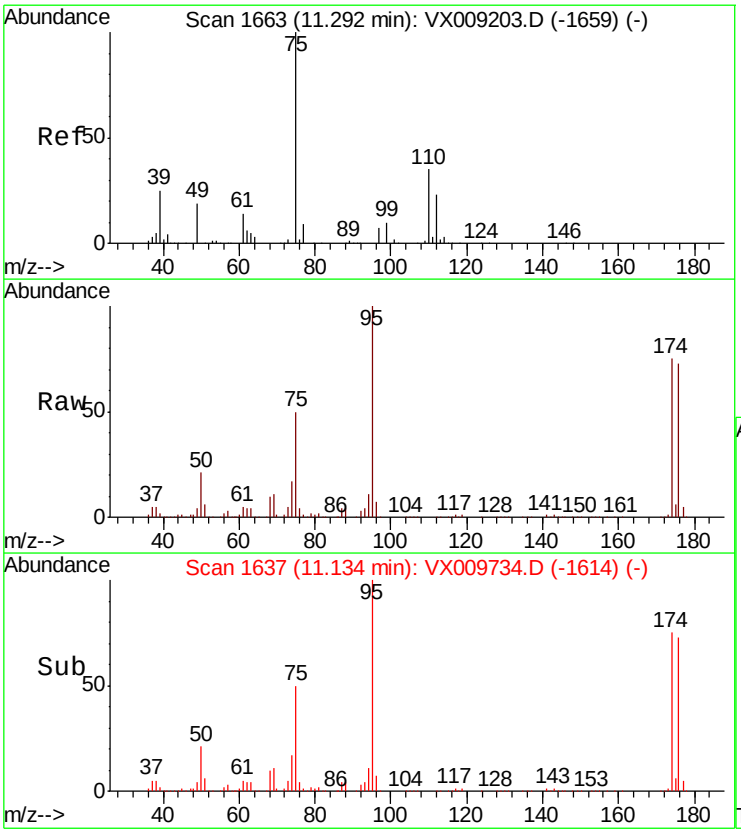
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009734.D
Acq: 20 May 2019 18:23

Instrument :
MSVOA_X
ClientSampleId :
S81-0102

Tgt Ion:152 Resp: 95040

Ion	Ratio	Lower	Upper
152	100		
115	58.7	41.2	123.6
150	157.6	0.0	346.4

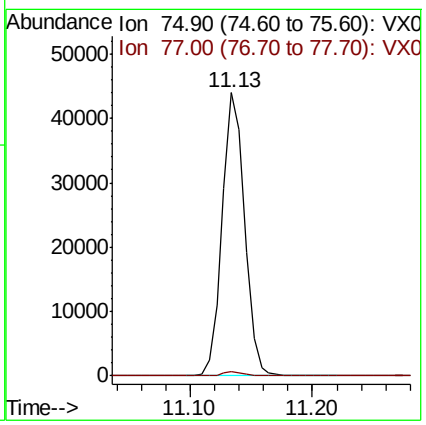


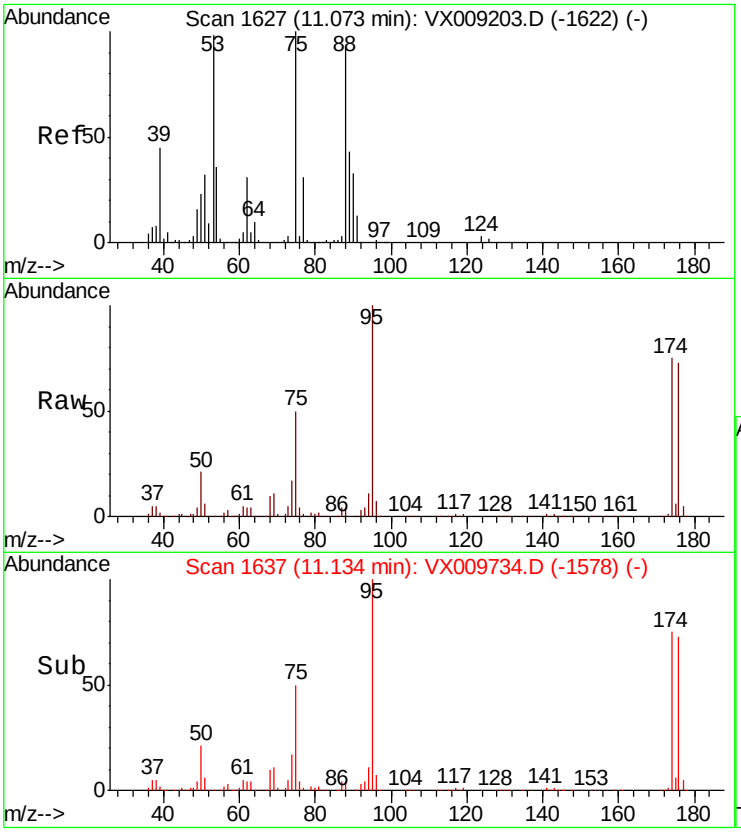


#76
1,2,3-Trichloropropane
Concen: 25.359 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009734.D
Acq: 20 May 2019 18:23

Tgt Ion: 75 Resp: 55905

Ion	Ratio	Lower	Upper
75	100		
77	1.5	22.1	66.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.883 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009734.D
Acq: 20 May 2019 18:23

Instrument :
MSVOA_X
ClientSampleId :
S81-0102

Tgt Ion: 75 Resp: 55905

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