Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX050719\
Data File : VX009379.D
Acq On : 07 May 2019 16:07
Operator : JC/SP
Sample : K2721-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-0519-190506

Quant Time: May 08 02:16:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Tue May 07 08:24:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	177712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	285801	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	251061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109110	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	116939	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.40%			
35) Dibromofluoromethane	5.50	113	88320	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.32%			
50) Toluene-d8	8.71	98	357370	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.54%			
62) 4-Bromofluorobenzene	11.13	95	118351	44.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.80%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	940	0.420	ug/l	94
10) Methyl Iodide	2.51	142	301	4.735	ug/l #	42
11) Tert butyl alcohol	3.03	59	1197	2.132	ug/l #	78
16) Acetone	2.45	43	1805	1.386	ug/l	90
25) 2-Butanone	4.71	43	487	0.241	ug/l #	53
28) Bromochloromethane	5.00	49	64	Below Cal	#	20
31) Cyclohexane	5.66	56	3845	1.072	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	14162	5.332	ug/l #	50
38) Carbon Tetrachloride	5.66	117	17074	7.075	ug/l #	16
65) Chlorobenzene	10.14	112	163392	32.533	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	59737	23.603	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	59737	60.390	ug/l #	10
87) 1,3-Dichlorobenzene	12.02	146	30964	8.820	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	91002	25.711	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	518606	145.032	ug/l	100
93) 1,2,4-Trichlorobenzene	13.65	180	1948	0.797	ug/l	96
96) 1,2,3-Trichlorobenzene	14.02	180	1375	0.555	ug/l	86

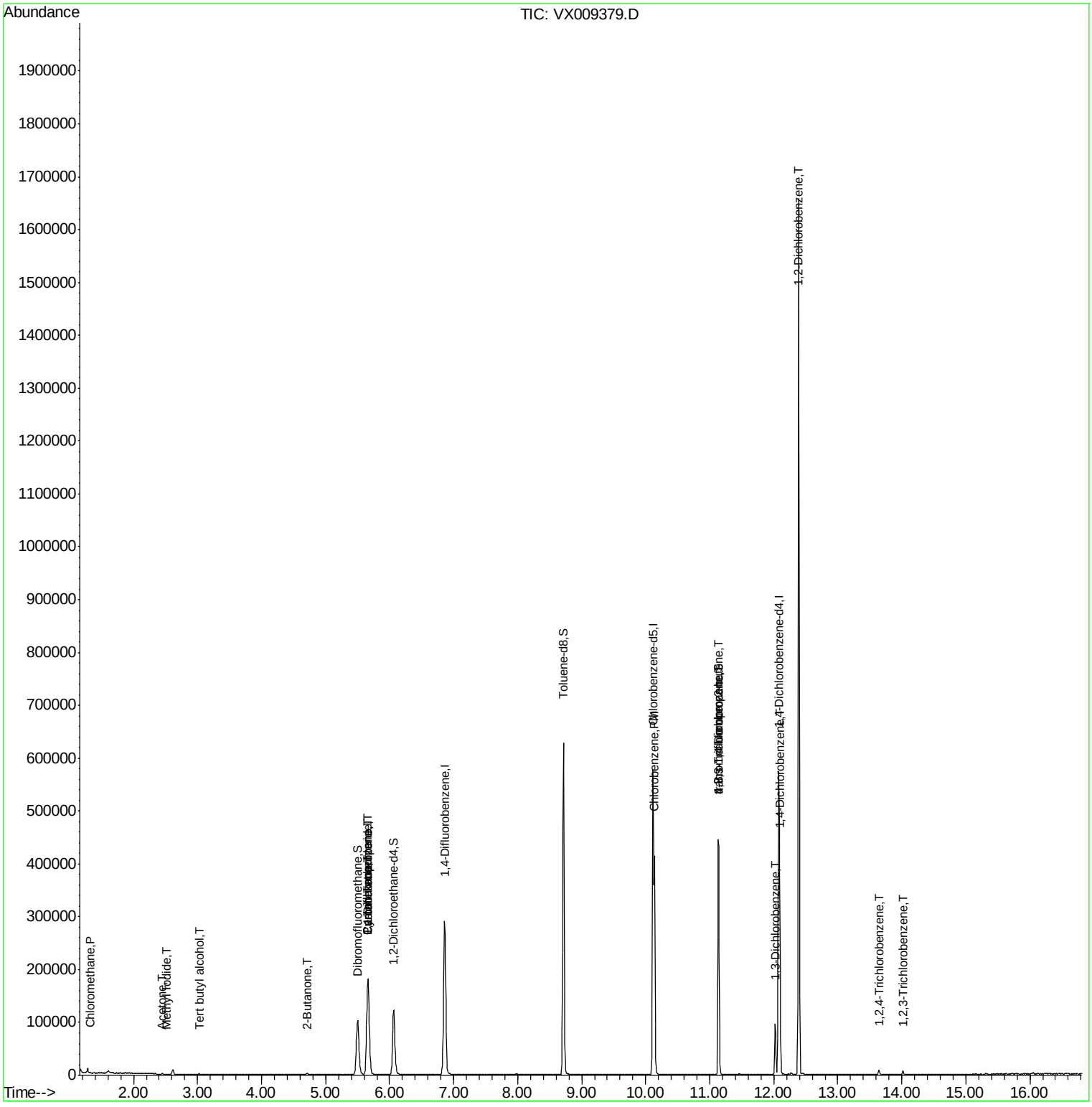
(#) = qualifier out of range (m) = manual integration (+) = signals summed

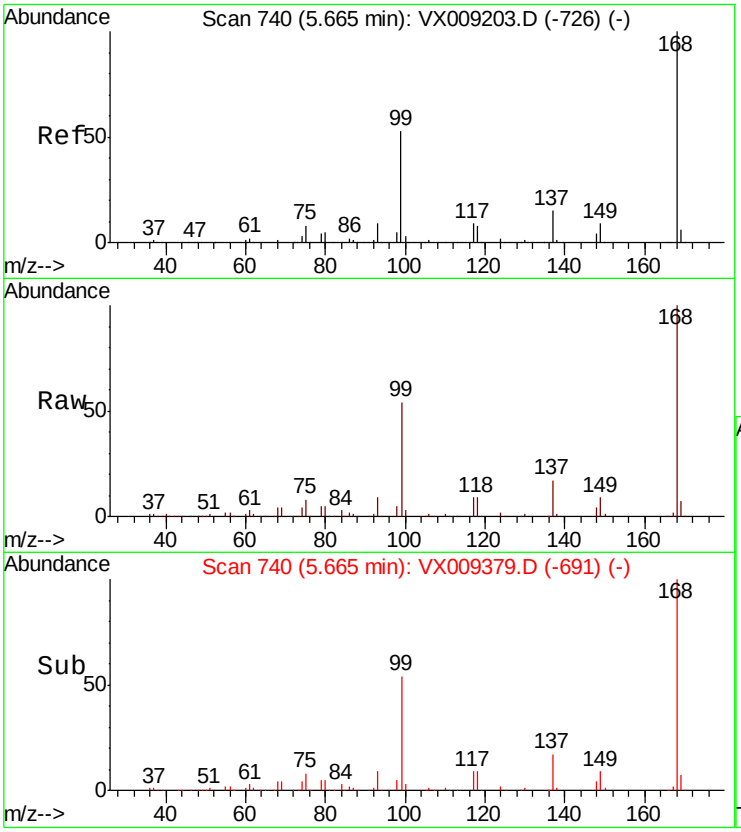
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX050719\
Data File : VX009379.D
Acq On : 07 May 2019 16:07
Operator : JC/SP
Sample : K2721-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-0519-190506

Quant Time: May 08 02:16:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Tue May 07 08:24:47 2019
Response via : Initial Calibration



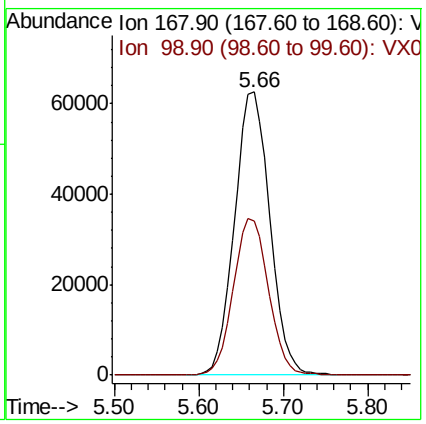


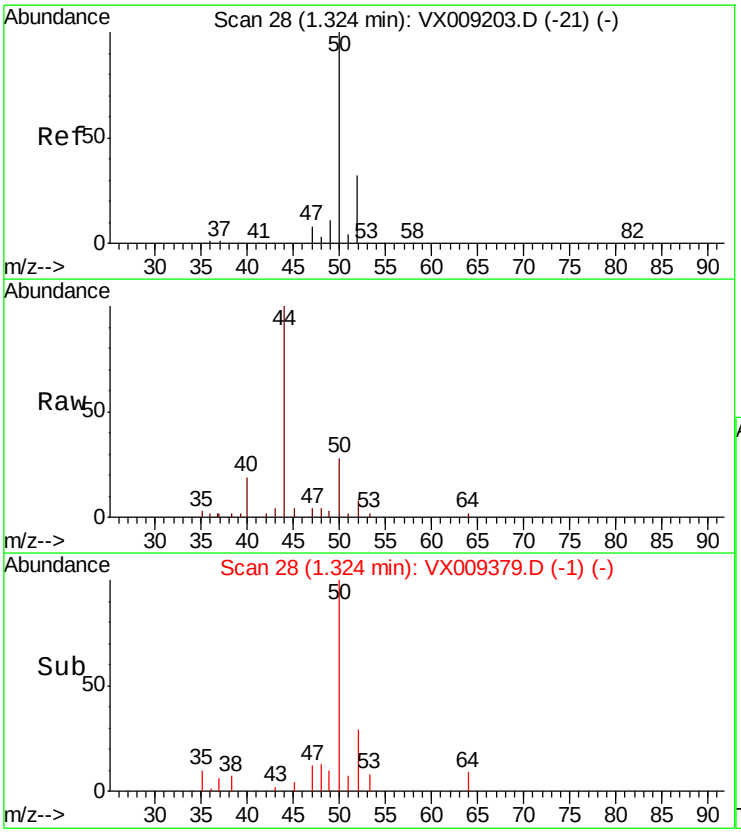
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX009379.D
Acq: 07 May 2019 16:07

Instrument :
MSVOA_X
ClientSampleId :
DUP-0519-190506

Tgt Ion:168 Resp: 177712

Ion	Ratio	Lower	Upper
168	100		
99	54.3	42.3	63.5

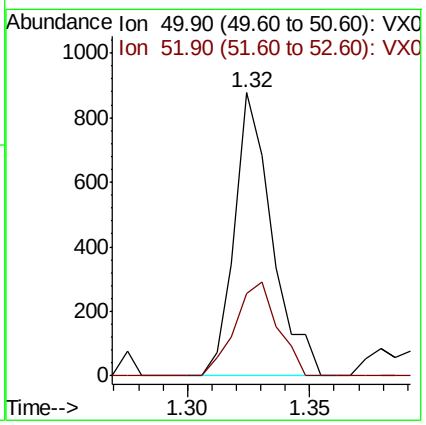


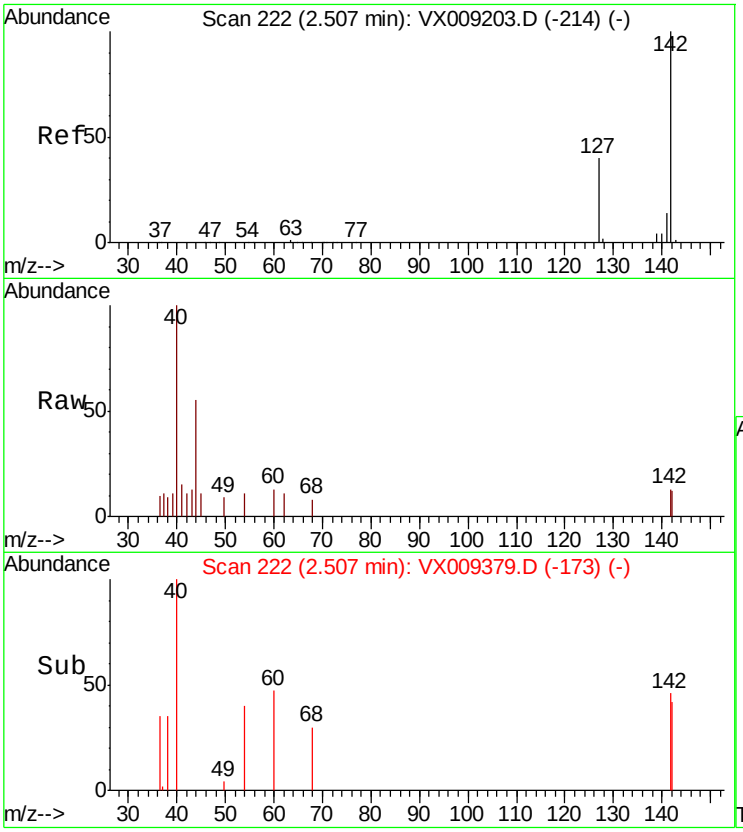


#3
Chloromethane
Concen: 0.420 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX009379.D
Acq: 07 May 2019 16:07

Tgt Ion: 50 Resp: 940

Ion	Ratio	Lower	Upper
50	100		
52	29.0	25.9	38.9



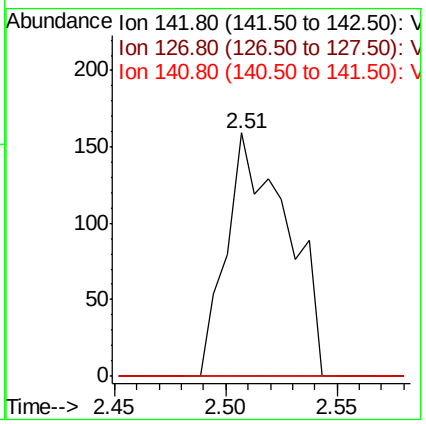


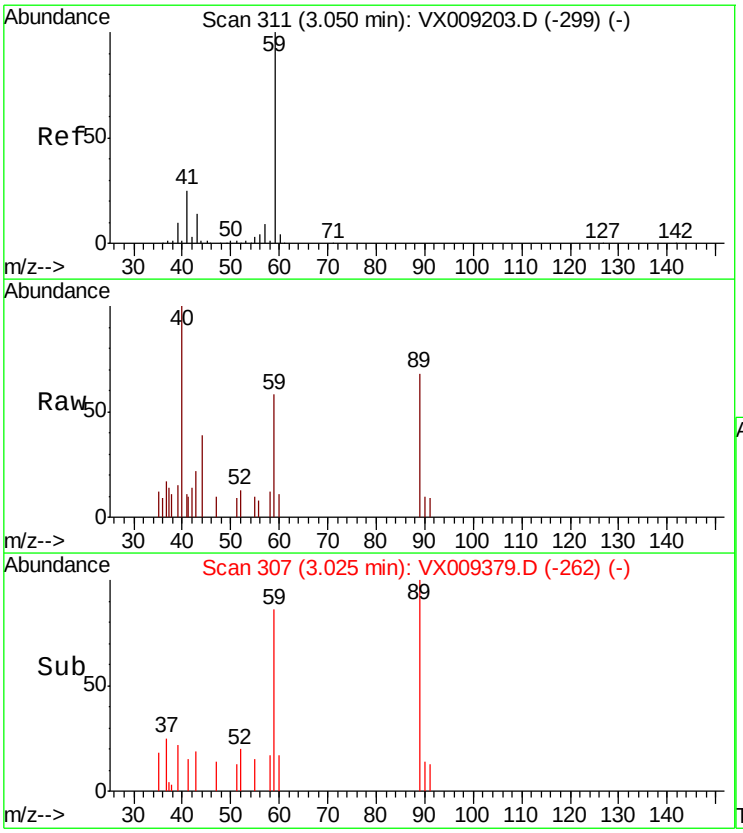
#10
Methyl Iodide
Concen: 4.735 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX009379.D
Acq: 07 May 2019 16:07

Instrument : MSVOA_X
ClientSampleId : DUP-0519-190506

Tgt Ion:142 Resp: 301

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

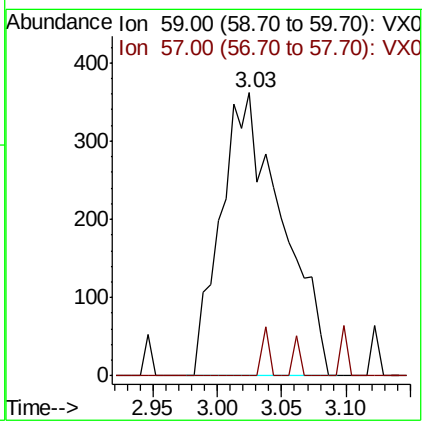


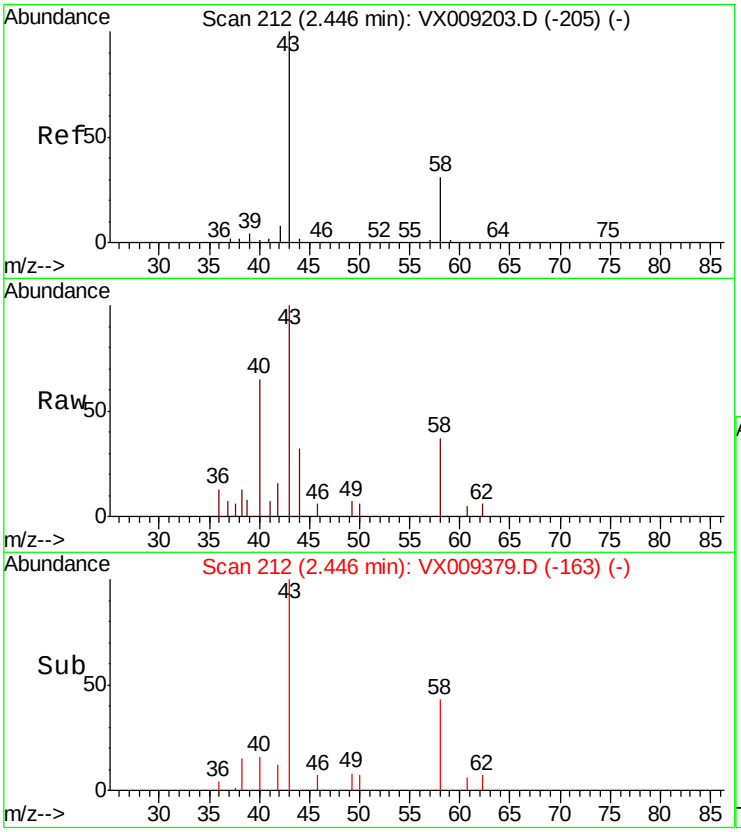


#11
Tert butyl alcohol
Concen: 2.132 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.02 min
Lab File: VX009379.D
Acq: 07 May 2019 16:07

Tgt Ion: 59 Resp: 1197

Ion	Ratio	Lower	Upper
59	100		
57	1.9	8.2	12.2#



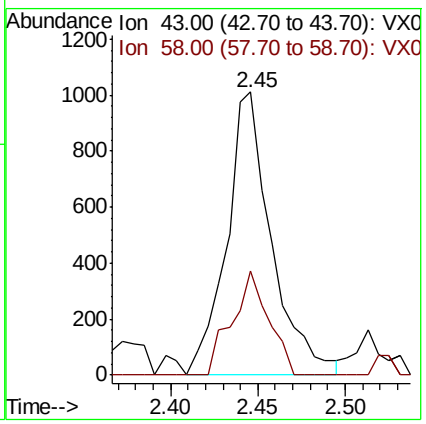


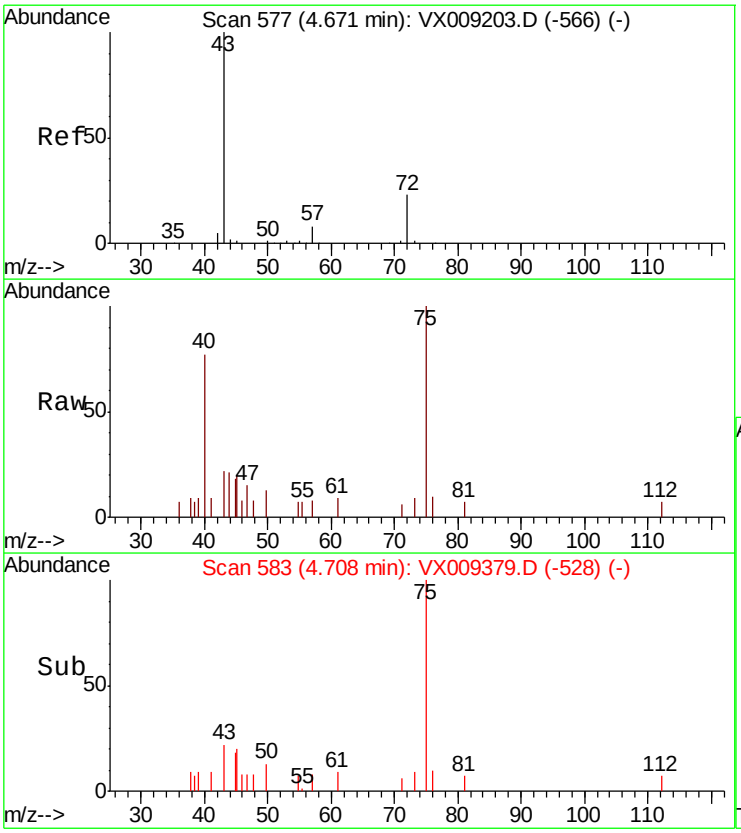
#16
Acetone
Concen: 1.386 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX009379.D
Acq: 07 May 2019 16:07

Instrument :
MSVOA_X
ClientSampleId :
DUP-0519-190506

Tgt Ion: 43 Resp: 1805

Ion	Ratio	Lower	Upper
43	100		
58	36.8	24.9	37.3

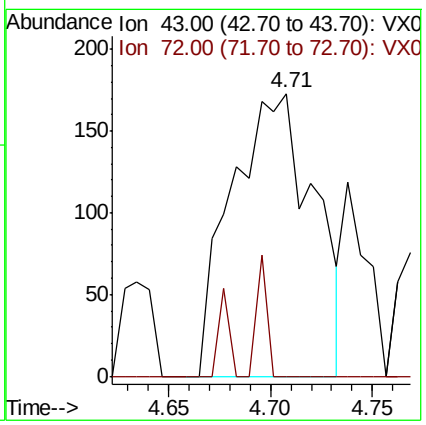


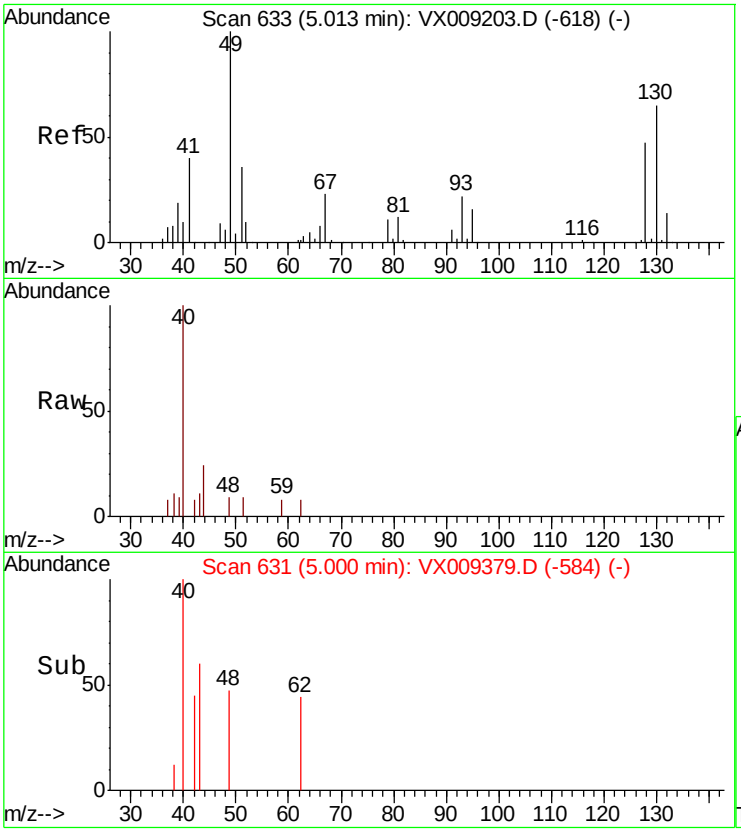


#25
2-Butanone
Concen: 0.241 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.04 min
Lab File: VX009379.D
Acq: 07 May 2019 16:07

Tgt Ion: 43 Resp: 487

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.2	27.2#



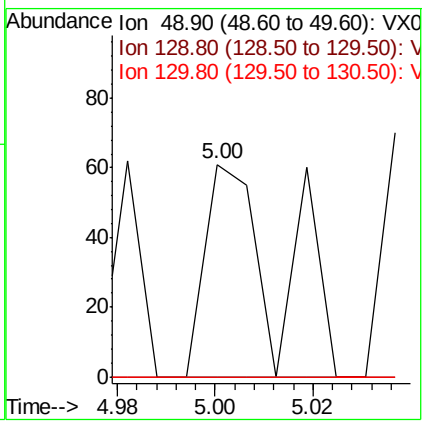


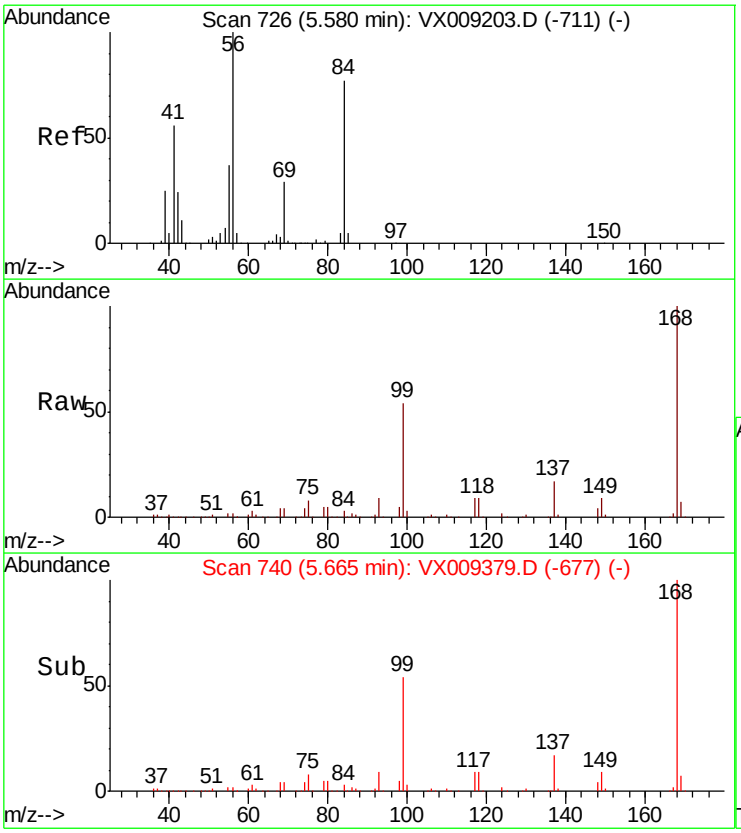
#28
Bromochloromethane
Concen: Below Cal
RT: 5.00 min Scan# 631
Delta R.T. -0.01 min
Lab File: VX009379.D
Acq: 07 May 2019 16:07

Instrument :
MSVOA_X
ClientSampleId :
DUP-0519-190506

Tgt Ion: 49 Resp: 64

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

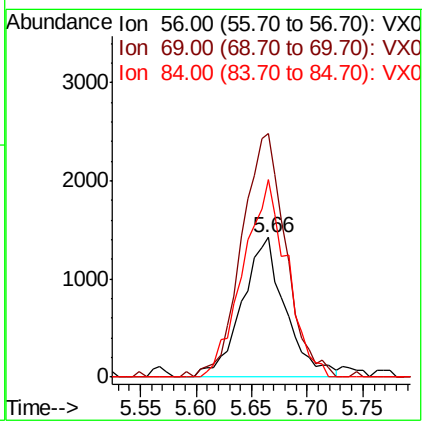


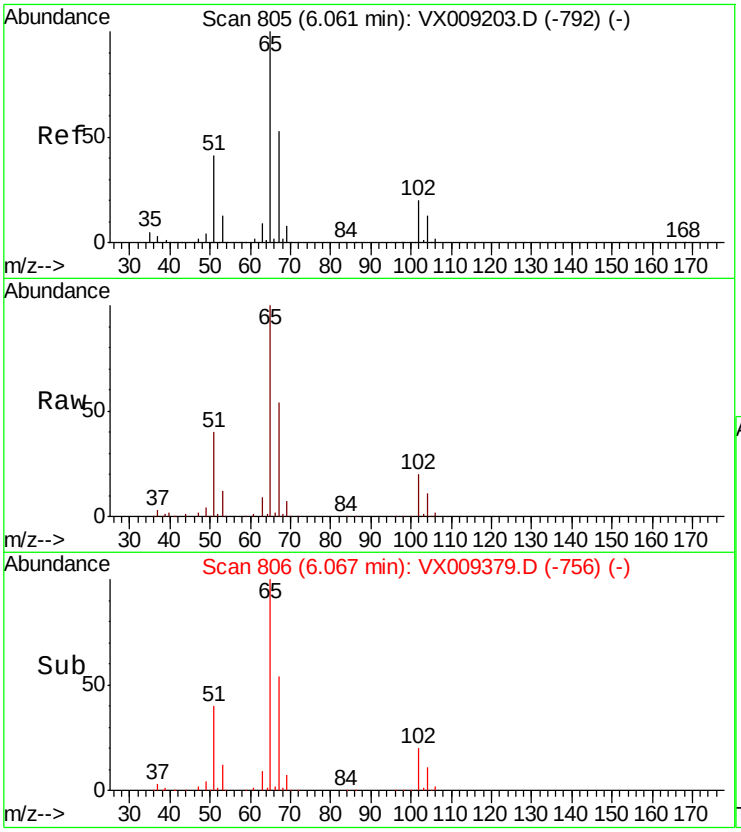


#31
Cyclohexane
Concen: 1.072 ug/l
RT: 5.66 min Scan# 740
Delta R.T. 0.08 min
Lab File: VX009379.D
Acq: 07 May 2019 16:07

Tgt Ion: 56 Resp: 3845

Ion	Ratio	Lower	Upper
56	100		
69	174.7	23.4	35.0#
84	142.0	61.9	92.9#



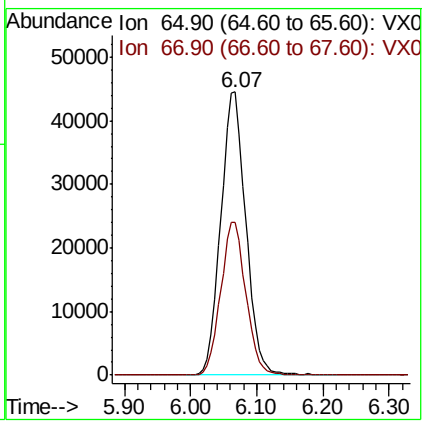


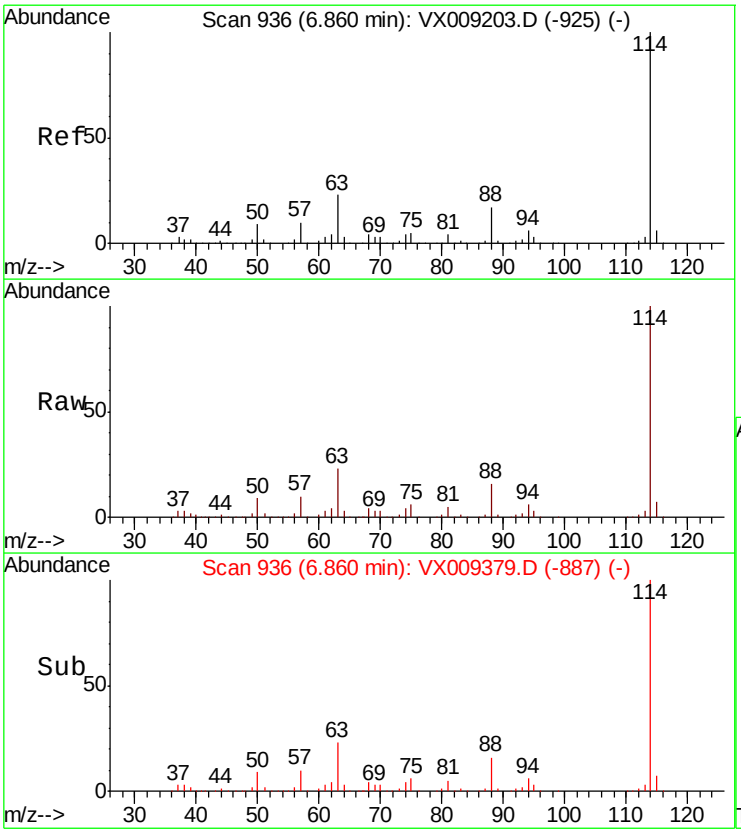
#33
1,2-Dichloroethane-d4
Concen: 48.203 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX009379.D
Acq: 07 May 2019 16:07

Instrument : MSVOA_X
ClientSampleId : DUP-0519-190506

Tgt Ion: 65 Resp: 116939

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	106.6

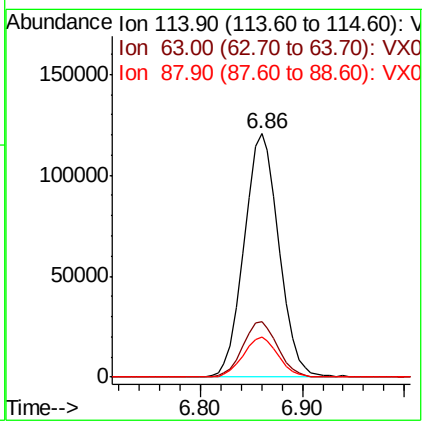


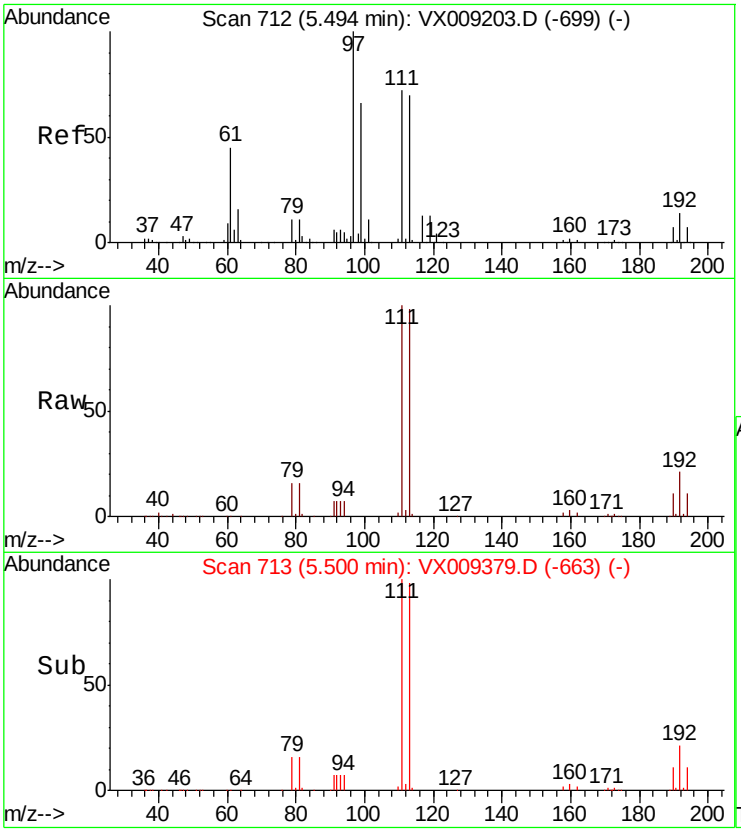


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX009379.D
Acq: 07 May 2019 16:07

Tgt Ion:114 Resp: 285801

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	45.6
88	16.3	0.0	33.2



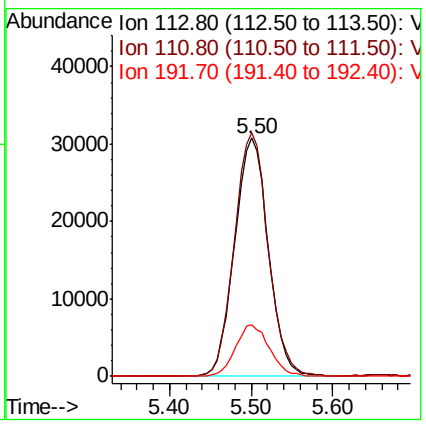


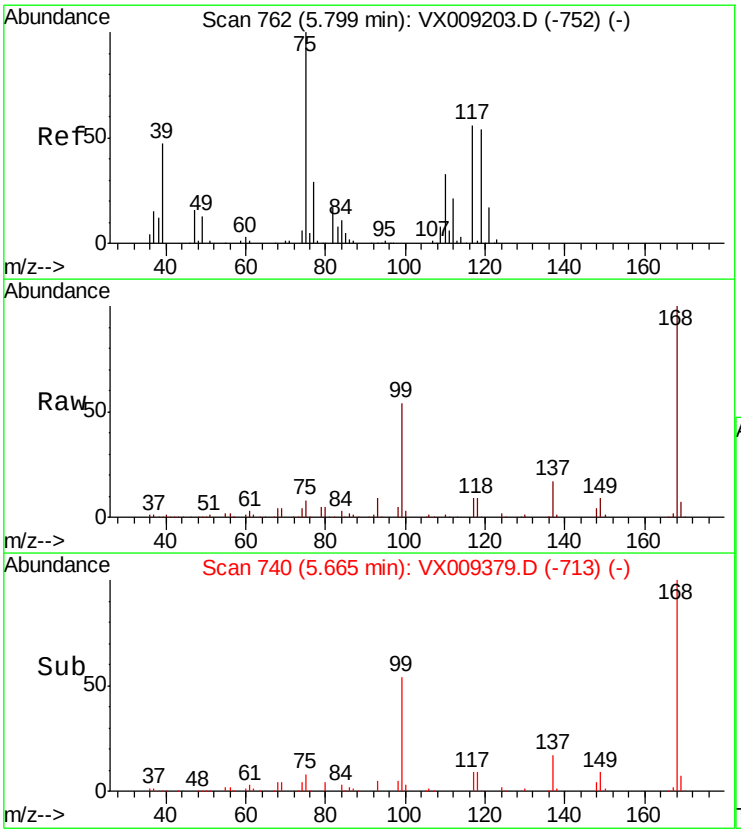
#35
Dibromofluoromethane
Concen: 49.158 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009379.D
Acq: 07 May 2019 16:07

Instrument :
MSVOA_X
ClientSampleId :
DUP-0519-190506

Tgt Ion:113 Resp: 88320

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.8	124.2
192	21.7	17.0	25.6

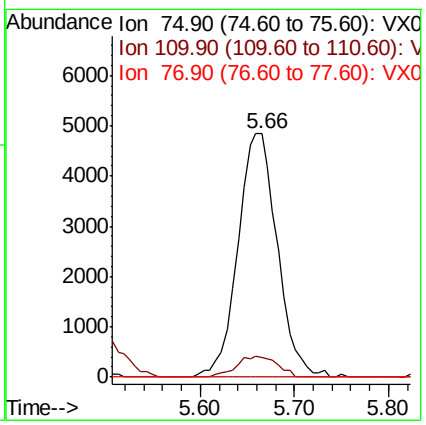


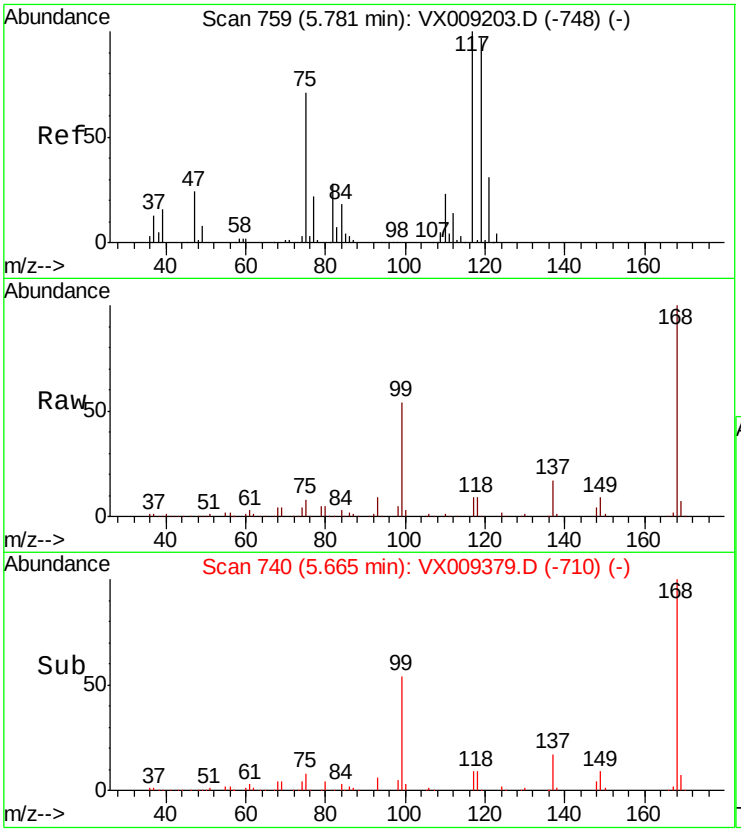


#36
1,1-Dichloropropene
Concen: 5.332 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.13 min
Lab File: VX009379.D
Acq: 07 May 2019 16:07

Tgt Ion: 75 Resp: 14162

Ion	Ratio	Lower	Upper
75	100		
110	8.9	16.9	50.6#
77	0.0	24.8	37.2#



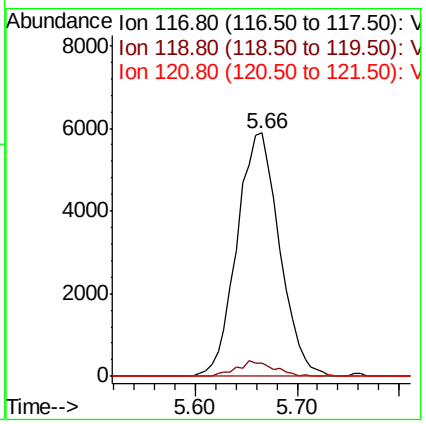


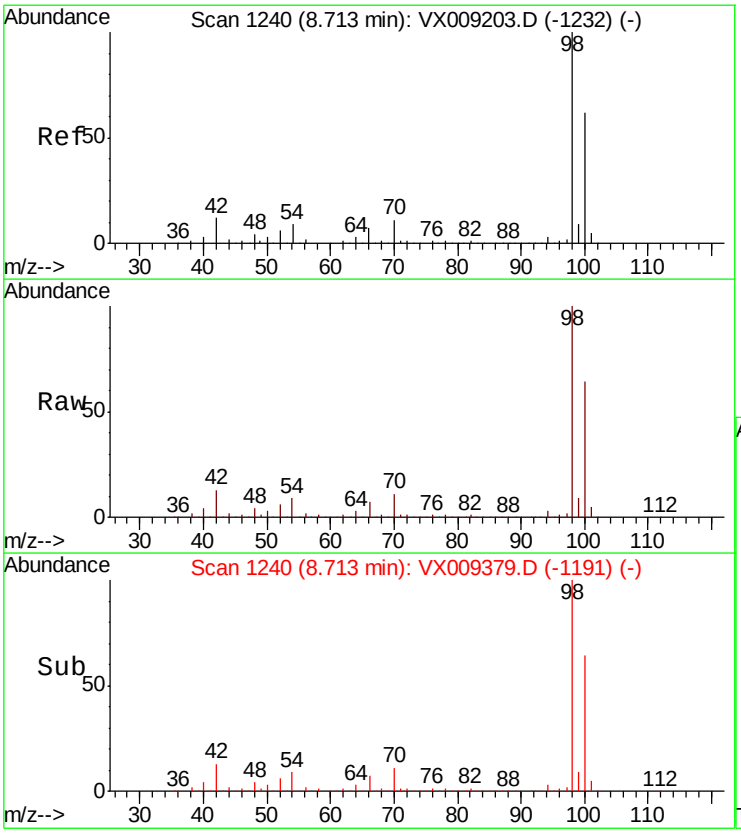
#38
Carbon Tetrachloride
Concen: 7.075 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.12 min
Lab File: VX009379.D
Acq: 07 May 2019 16:07

Instrument : MSVOA_X
ClientSampleId : DUP-0519-190506

Tgt Ion:117 Resp: 17074

Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.5	116.3#
121	0.0	24.7	37.1#

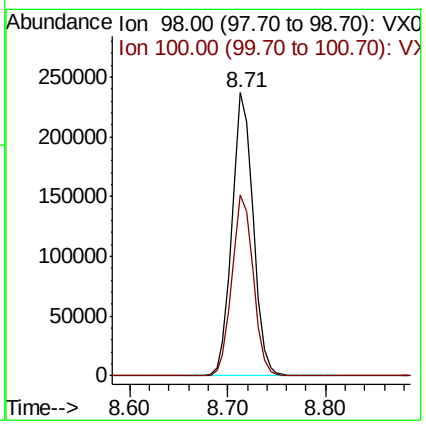


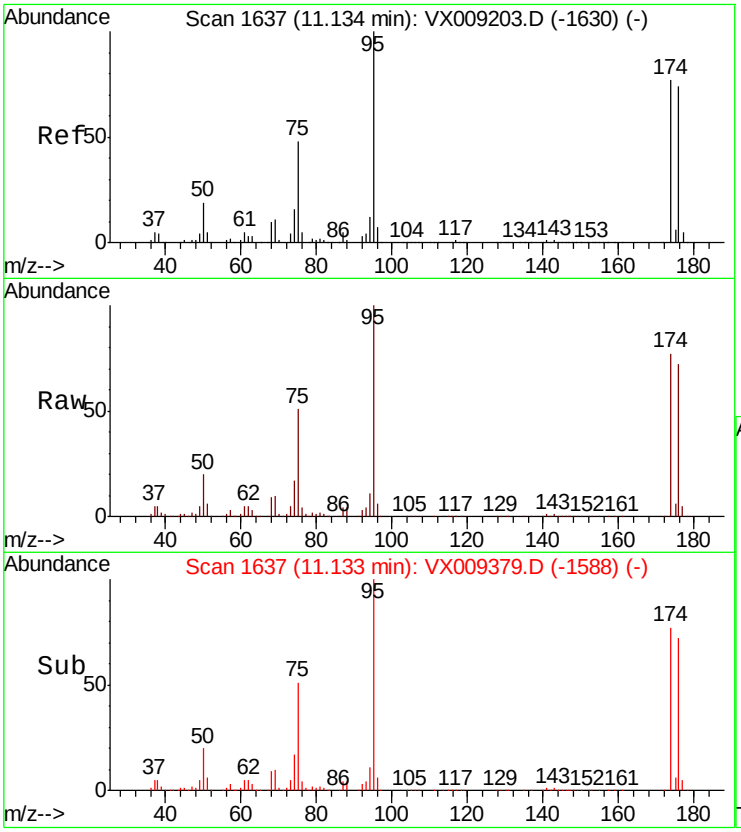


#50
Toluene-d8
Concen: 49.268 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009379.D
Acq: 07 May 2019 16:07

Tgt Ion: 98 Resp: 357370

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8



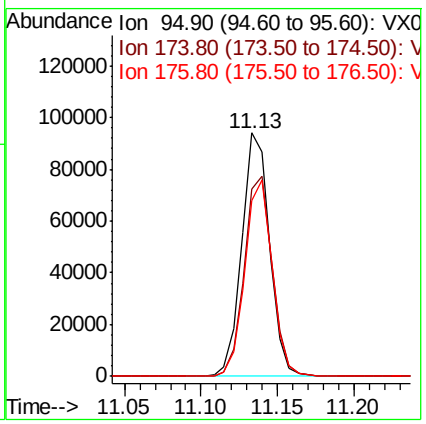


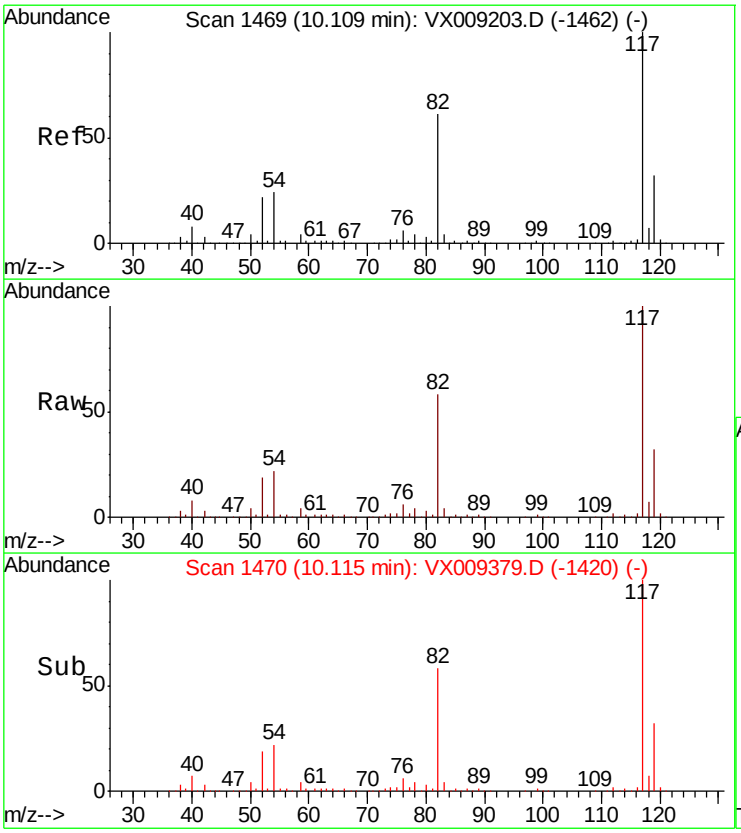
#62
4-Bromofluorobenzene
Concen: 44.904 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009379.D
Acq: 07 May 2019 16:07

Instrument :
MSVOA_X
ClientSampleId :
DUP-0519-190506

Tgt Ion: 95 Resp: 118351

Ion	Ratio	Lower	Upper
95	100		
174	83.1	0.0	161.6
176	79.8	0.0	159.2

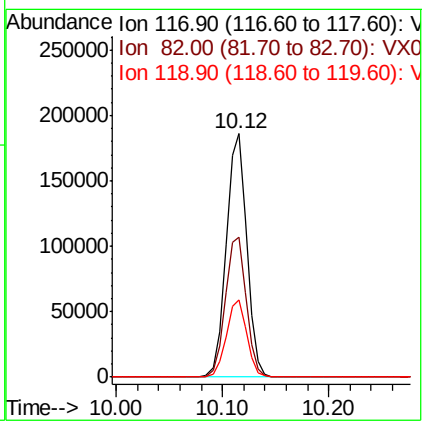


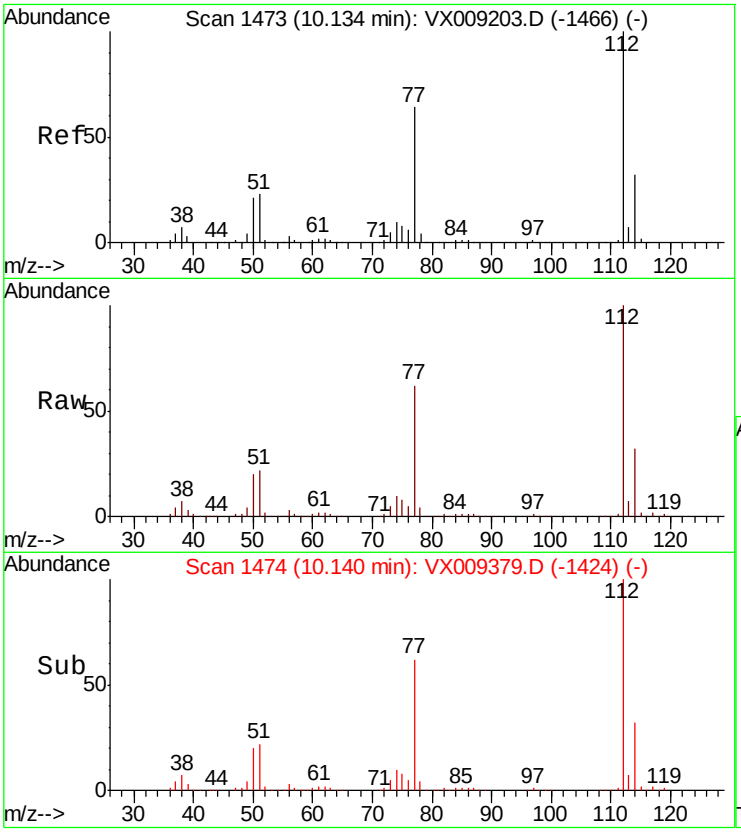


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009379.D
Acq: 07 May 2019 16:07

Tgt Ion:117 Resp: 251061

Ion	Ratio	Lower	Upper
117	100		
82	57.5	48.8	73.2
119	31.9	25.8	38.6



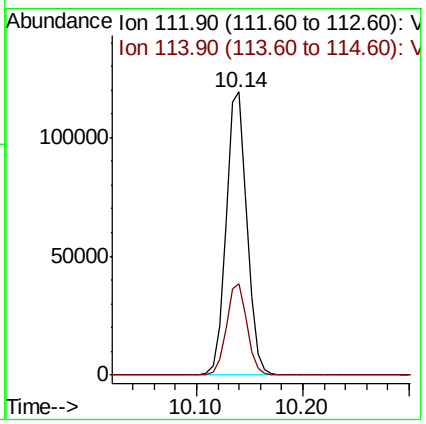


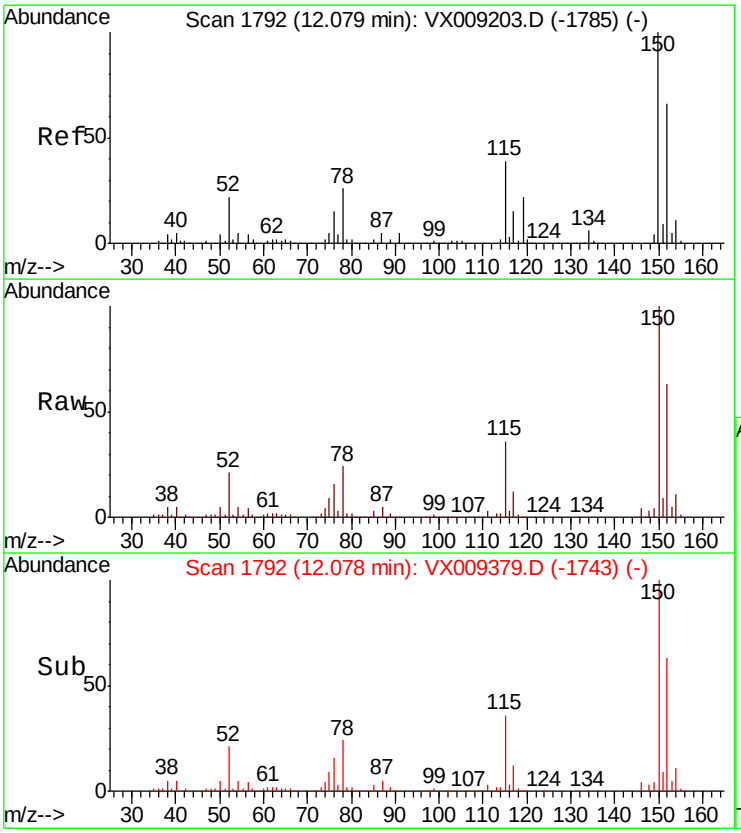
#65
Chlorobenzene
Concen: 32.533 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009379.D
Acq: 07 May 2019 16:07

Instrument :
MSVOA_X
ClientSampleId :
DUP-0519-190506

Tgt Ion:112 Resp: 163392

Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.5	38.3

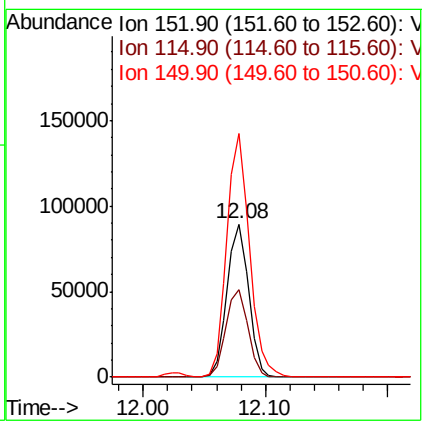


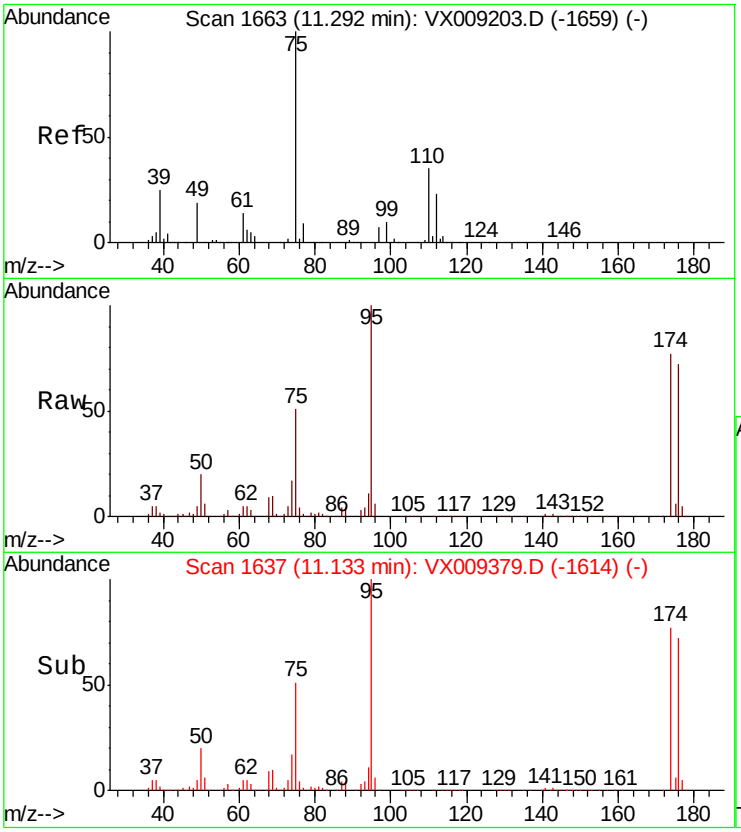


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009379.D
Acq: 07 May 2019 16:07

Tgt Ion:152 Resp: 109110

Ion	Ratio	Lower	Upper
152	100		
115	58.8	41.2	123.6
150	166.9	0.0	346.4



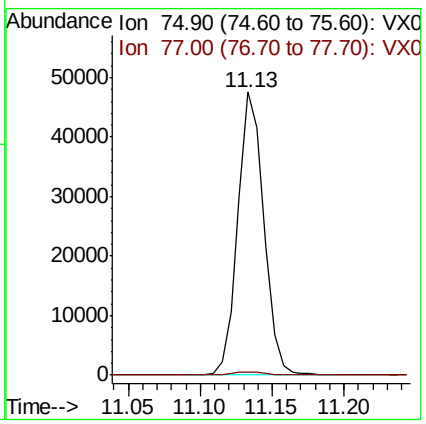


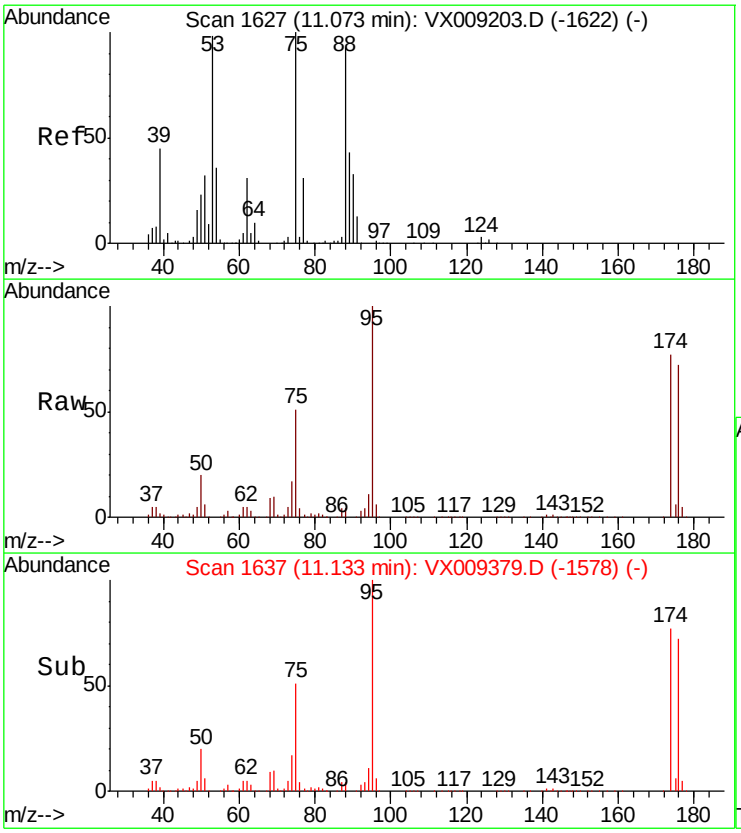
#76
1,2,3-Trichloropropane
Concen: 23.603 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX009379.D
Acq: 07 May 2019 16:07

Instrument :
MSVOA_X
ClientSampleId :
DUP-0519-190506

Tgt Ion: 75 Resp: 59737

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.1	66.1#

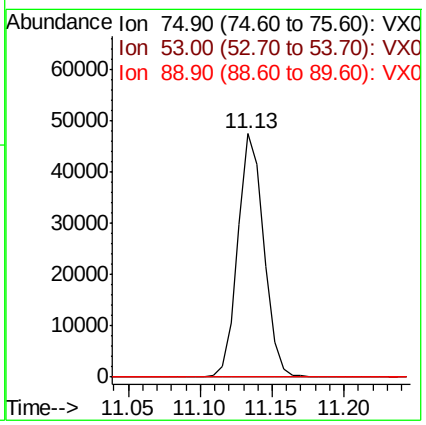


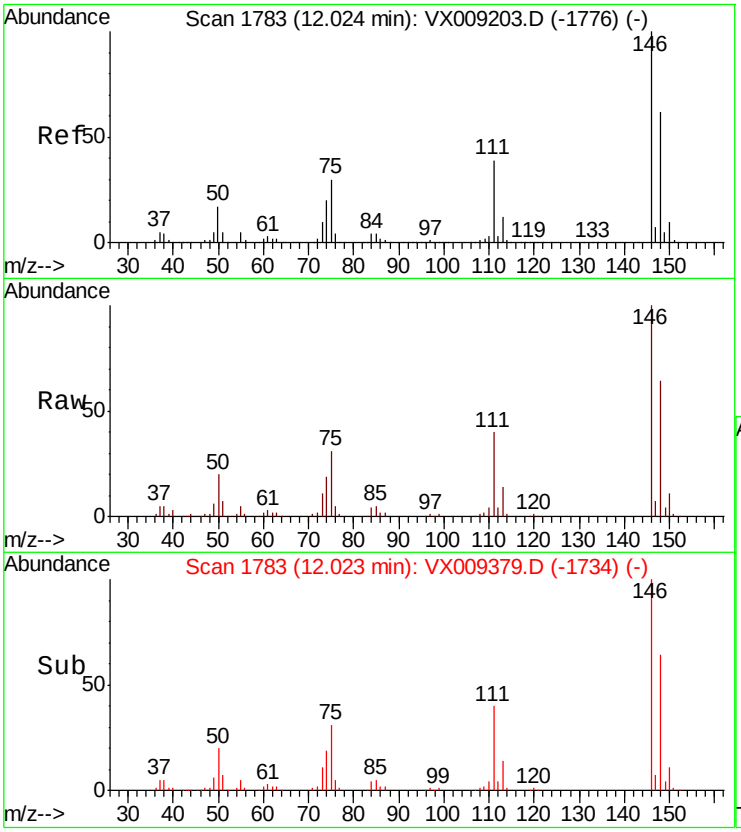


#81
trans-1,4-Dichloro-2-butene
Concen: 60.390 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX009379.D
Acq: 07 May 2019 16:07

Tgt Ion: 75 Resp: 59737

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



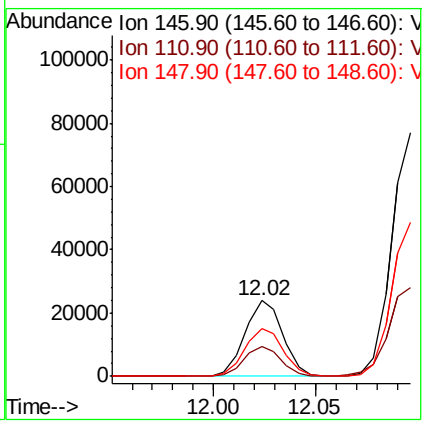


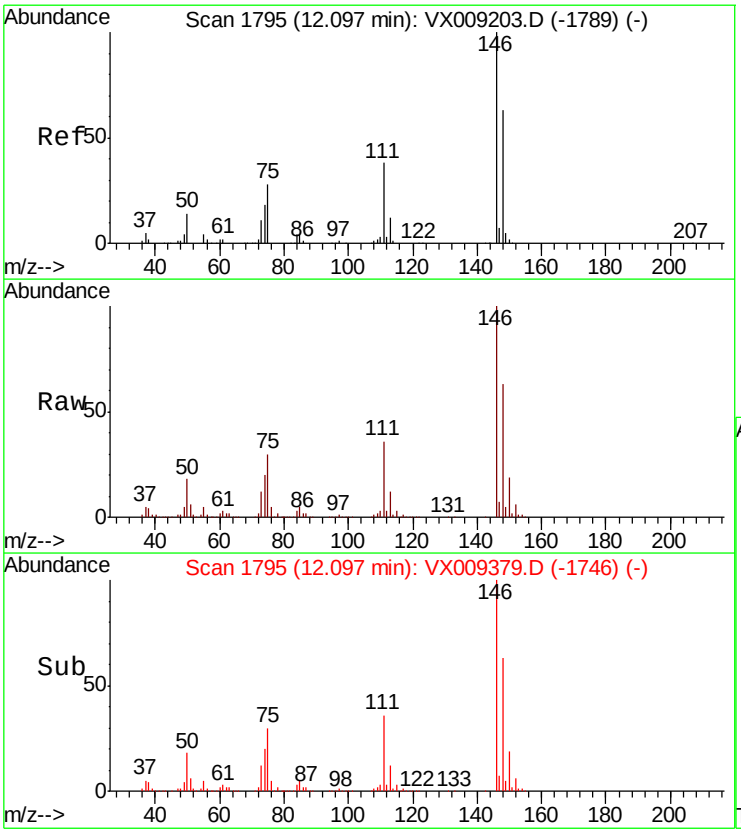
#87
1,3-Dichlorobenzene
Concen: 8.820 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX009379.D
Acq: 07 May 2019 16:07

Instrument : MSVOA_X
ClientSampleId : DUP-0519-190506

Tgt Ion:146 Resp: 30964

Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.0	59.9
148	63.5	31.8	95.3

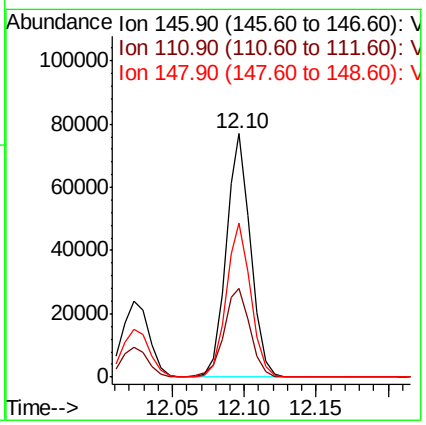


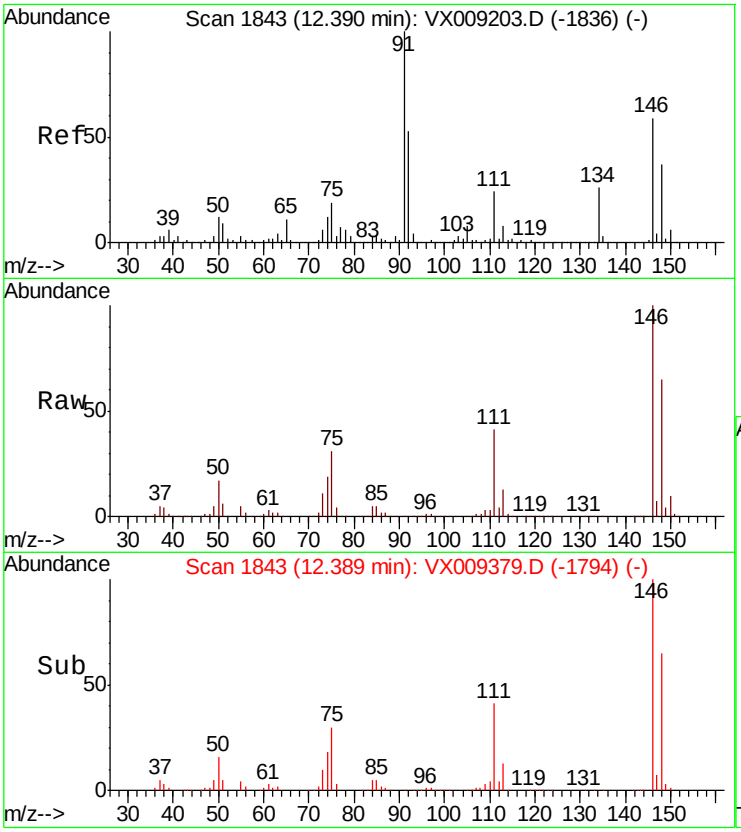


#88
1,4-Dichlorobenzene
Concen: 25.711 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VX009379.D
Acq: 07 May 2019 16:07

Tgt Ion:146 Resp: 91002

Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.6	58.8
148	63.7	31.8	95.3



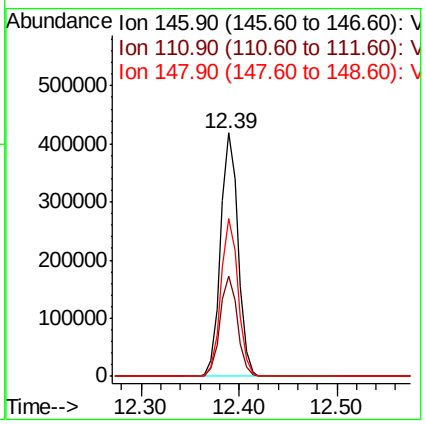


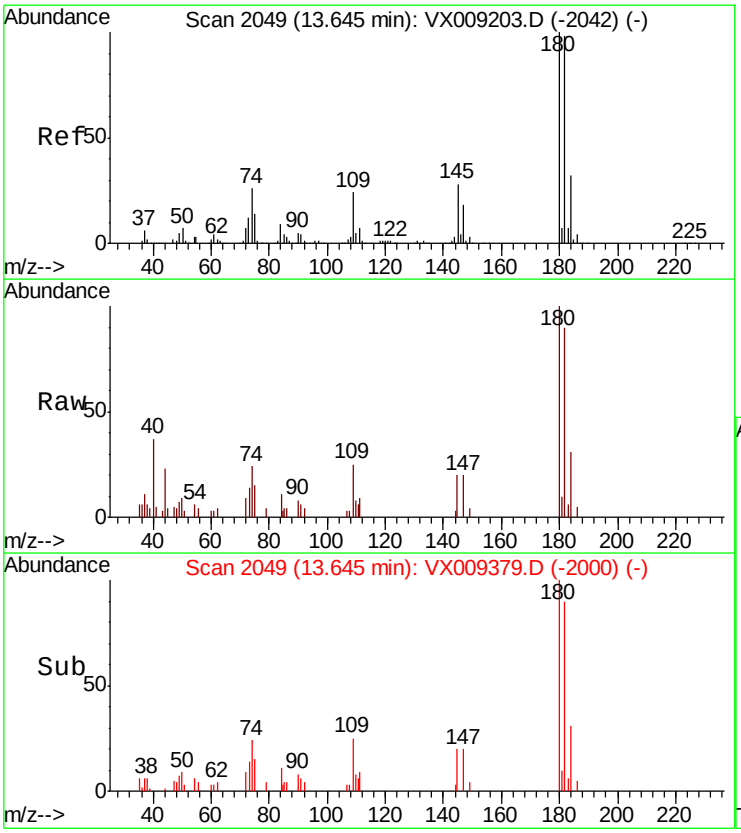
#91
1,2-Dichlorobenzene
Concen: 145.032 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX009379.D
Acq: 07 May 2019 16:07

Instrument :
MSVOA_X
ClientSampleId :
DUP-0519-190506

Tgt Ion:146 Resp: 518606

Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.8	62.4
148	63.8	31.9	95.9

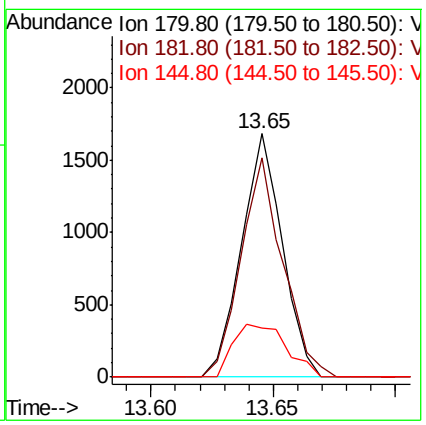


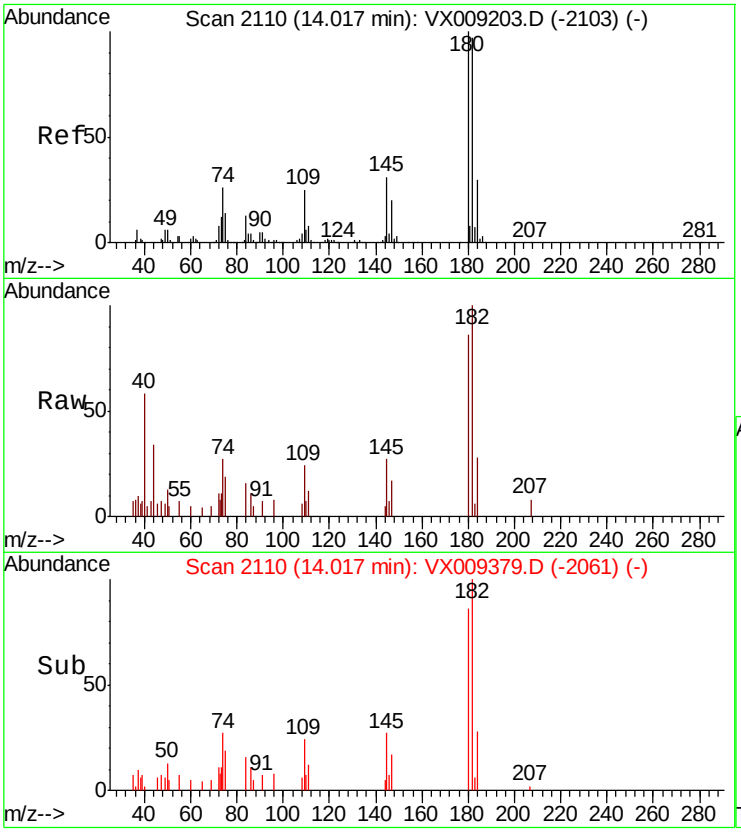


#93
1,2,4-Trichlorobenzene
Concen: 0.797 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX009379.D
Acq: 07 May 2019 16:07

Tgt Ion:180 Resp: 1948

Ion	Ratio	Lower	Upper
180	100		
182	92.7	48.4	145.2
145	28.1	14.6	43.8





#96
1,2,3-Trichlorobenzene
Concen: 0.555 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009379.D
Acq: 07 May 2019 16:07

Instrument :
MSVOA_X
ClientSampleId :
DUP-0519-190506

Tgt Ion:180 Resp: 1375

Ion	Ratio	Lower	Upper
180	100		
182	110.9	47.8	143.4
145	36.4	15.4	46.4