Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080819\
Data File : VX011387.D
Acq On : 08 Aug 2019 13:18
Operator : JC/SP
Sample : K4220-09DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-23B_080719DL

Quant Time: Aug 09 04:24:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	147758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	242573	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	106944	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	86976	58.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 116.90%			
35) Dibromofluoromethane	5.49	113	77108	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.38%			
50) Toluene-d8	8.71	98	298940	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.02%			
62) 4-Bromofluorobenzene	11.13	95	106548	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.84%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	372	0.290	ug/l #	72
5) Bromomethane	1.63	94	598	0.595	ug/l #	46
6) Chloroethane	1.72	64	108	Below Cal	#	21
10) Methyl Iodide	2.50	142	618	0.361	ug/l	97
11) Tert butyl alcohol	3.07	59	275	0.950	ug/l #	91
13) Acrolein	2.27	56	69	Below Cal	#	55
15) Acrylonitrile	3.15	53	236	0.333	ug/l #	67
16) Acetone	2.44	43	804	1.135	ug/l #	85
17) Carbon Disulfide	2.56	76	8986	2.848	ug/l	98
18) Methyl Acetate	2.78	43	383	0.237	ug/l #	59
19) Methyl tert-butyl Ether	3.18	73	877	0.221	ug/l #	88
20) Methylene Chloride	2.85	84	430	0.277	ug/l #	59
29) Tetrahydrofuran	5.12	42	153	0.248	ug/l #	40
31) Cyclohexane	5.65	56	3013	1.572	ug/l #	45
36) 1,1-Dichloropropene	5.65	75	10047	4.744	ug/l #	48
38) Carbon Tetrachloride	5.66	117	14088	6.612	ug/l #	17
44) Trichloroethene	7.21	130	3326	1.739	ug/l	97
49) 1,4-Dioxane	7.63	88	31	0.669	ug/l #	1
53) t-1,3-Dichloropropene	9.02	75	41	2.855	ug/l #	43
55) 1,1,2-Trichloroethane	9.33	97	845	0.492	ug/l #	12
60) Dibromochloromethane	9.33	129	77645	44.143	ug/l #	10
64) Tetrachloroethene	9.34	164	85070	42.564	ug/l	96
76) 1,2,3-Trichloropropane	11.13	75	52758	27.089	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	52758	70.313	ug/l #	10

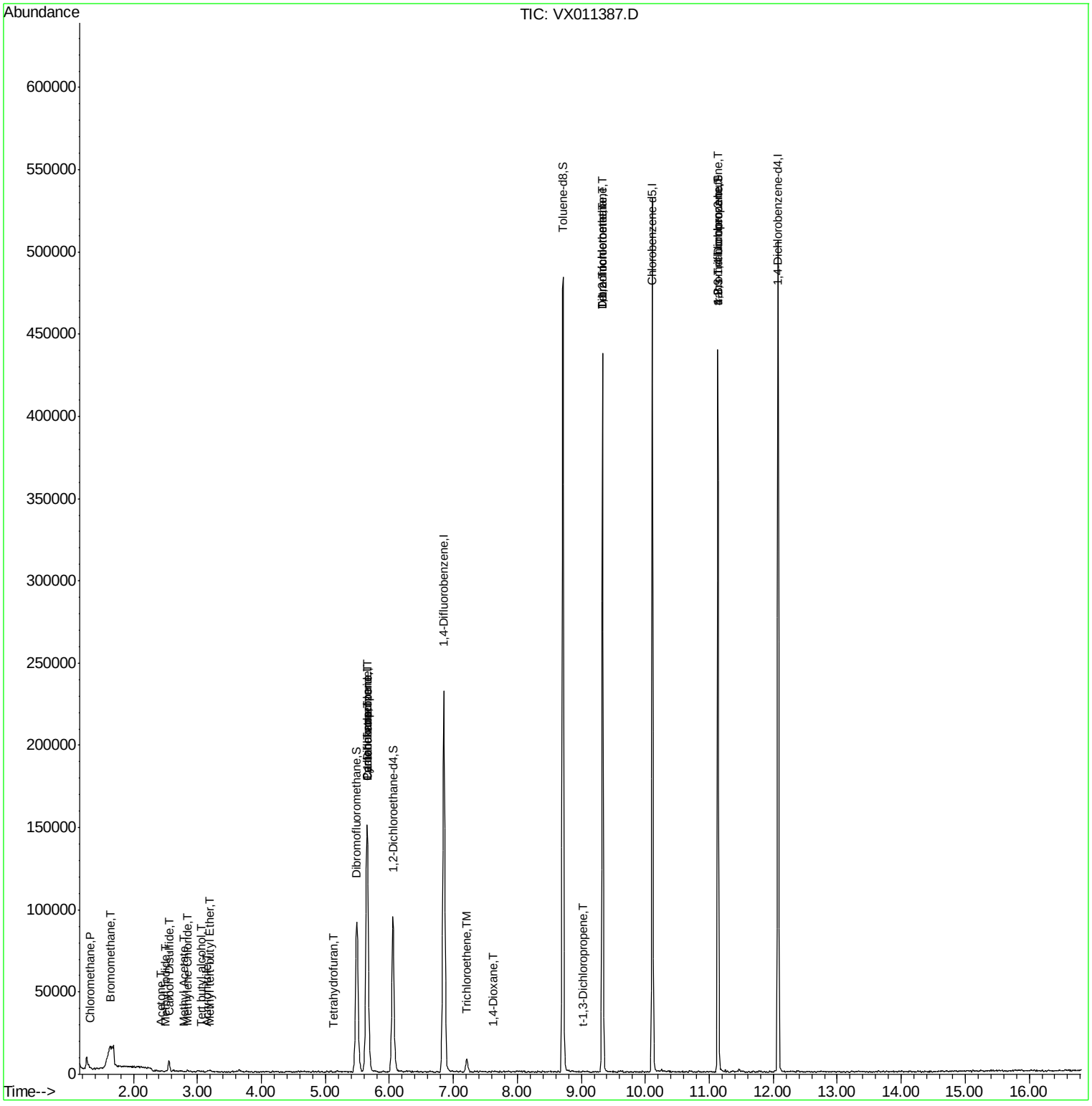
(#) = qualifier out of range (m) = manual integration (+) = signals summed

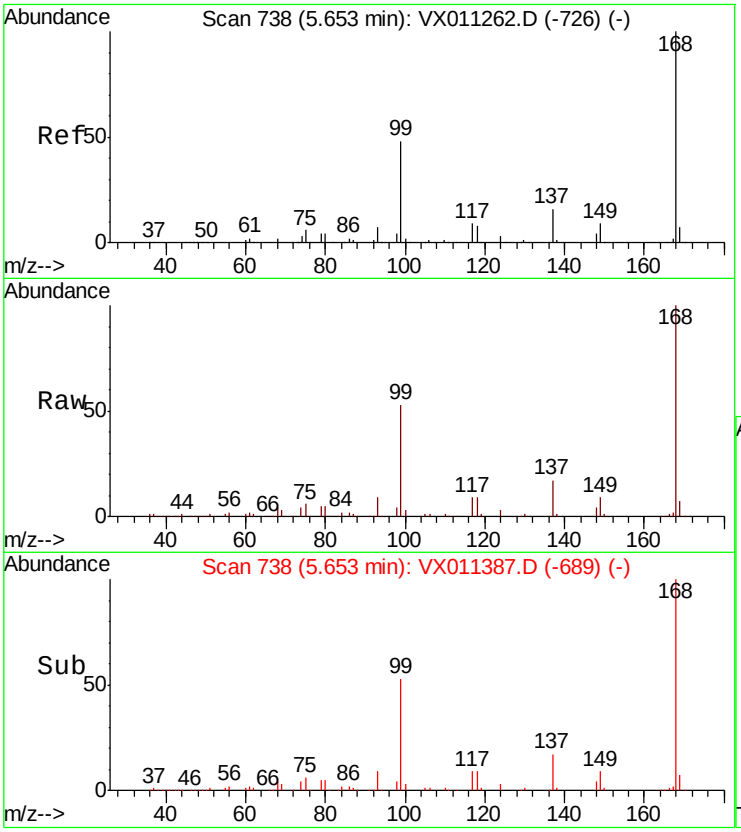
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080819\
Data File : VX011387.D
Acq On : 08 Aug 2019 13:18
Operator : JC/SP
Sample : K4220-09DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-23B_080719DL

Quant Time: Aug 09 04:24:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration



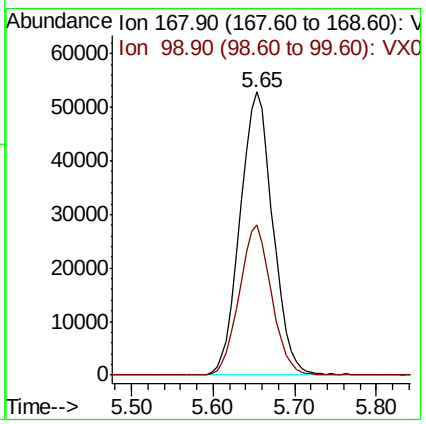


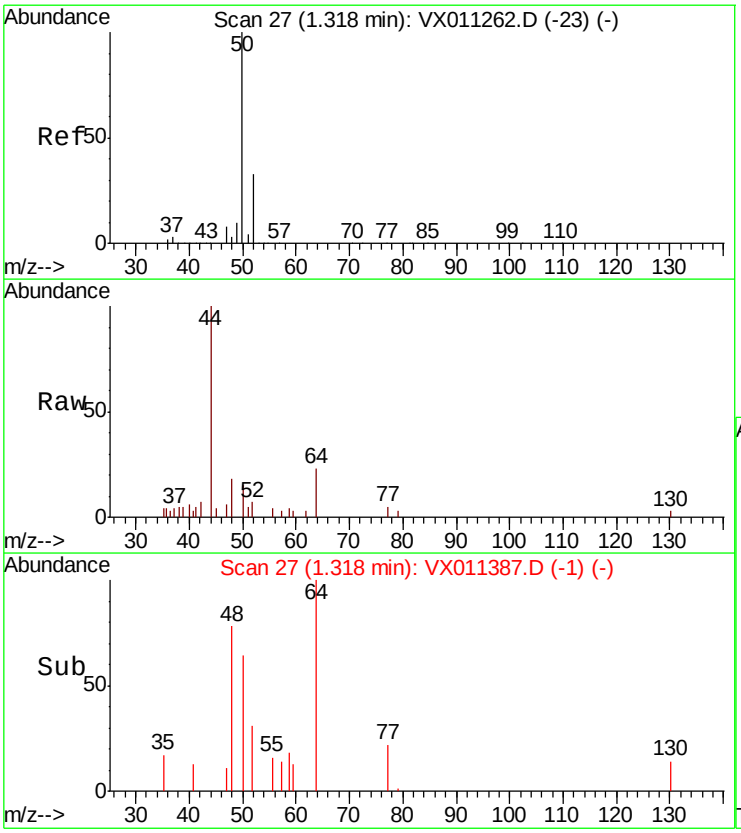
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.00 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
MW-23B_080719DL

Tgt Ion:168 Resp: 147758

Ion	Ratio	Lower	Upper
168	100		
99	52.9	38.5	57.7

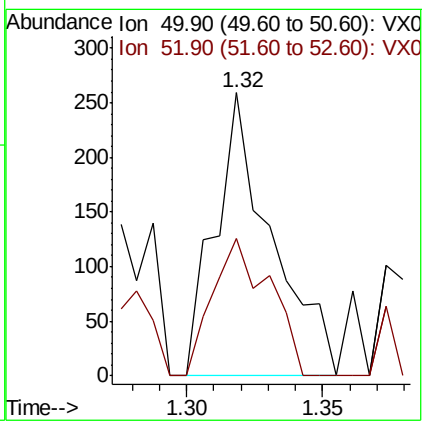


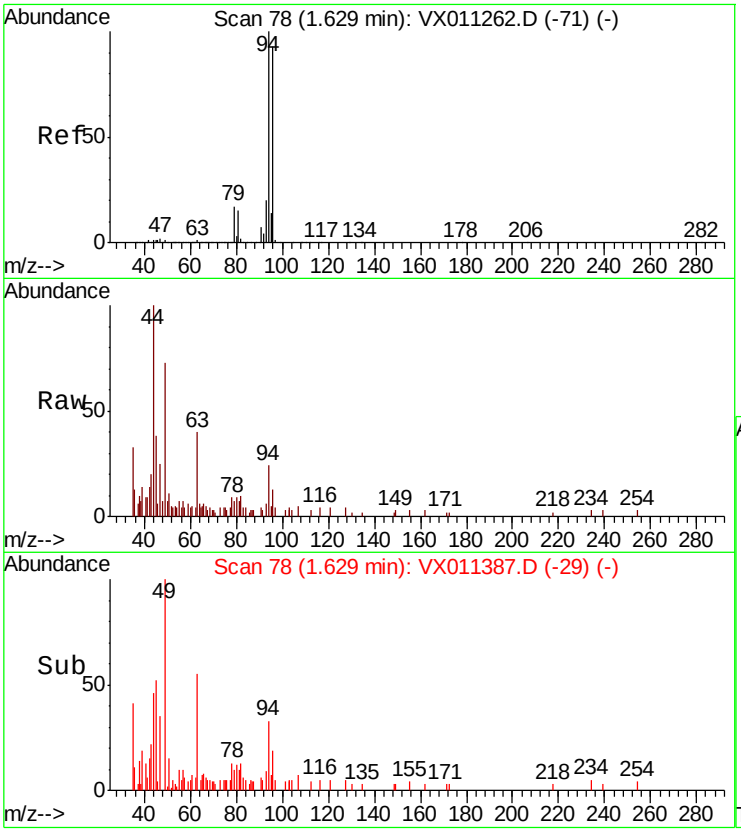


#3
Chloromethane
Concen: 0.290 ug/l
RT: 1.32 min Scan# 27
Delta R.T. 0.00 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Tgt Ion: 50 Resp: 372

Ion	Ratio	Lower	Upper
50	100		
52	48.6	26.4	39.6#



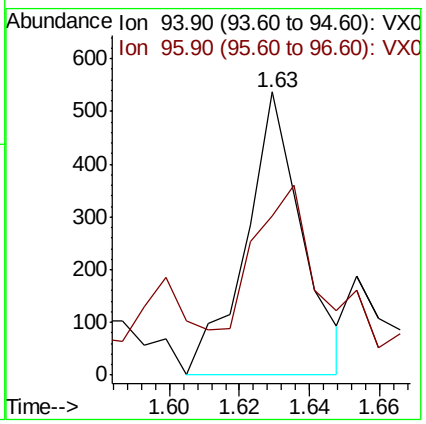


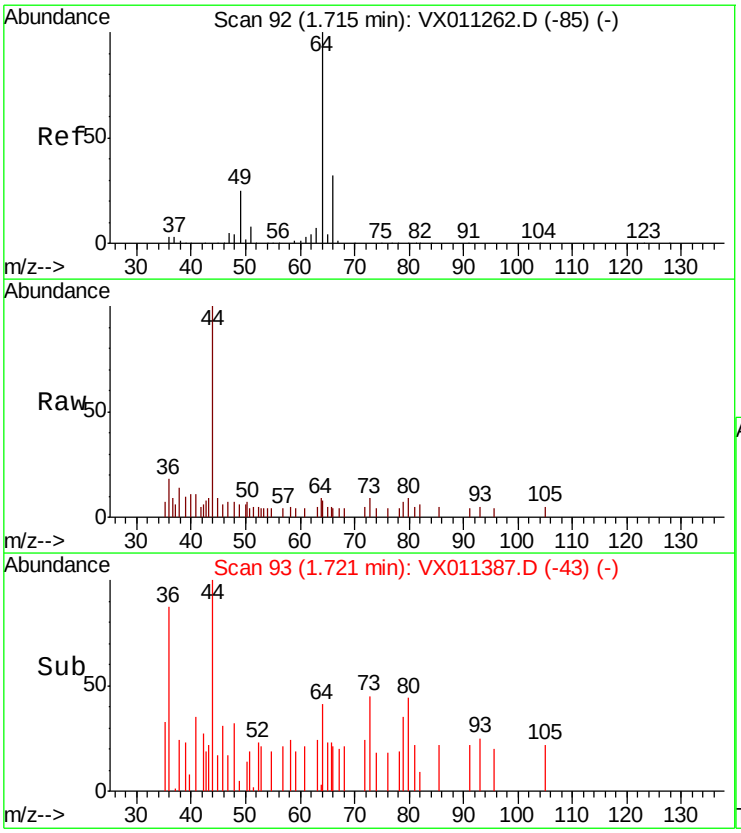
#5
Bromomethane
Concen: 0.595 ug/l
RT: 1.63 min Scan# 78
Delta R.T. 0.00 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
MW-23B_080719DL

Tgt Ion: 94 Resp: 598

Ion	Ratio	Lower	Upper
94	100		
96	41.5	74.6	112.0#

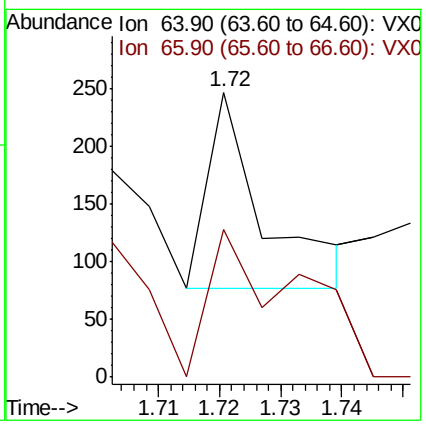


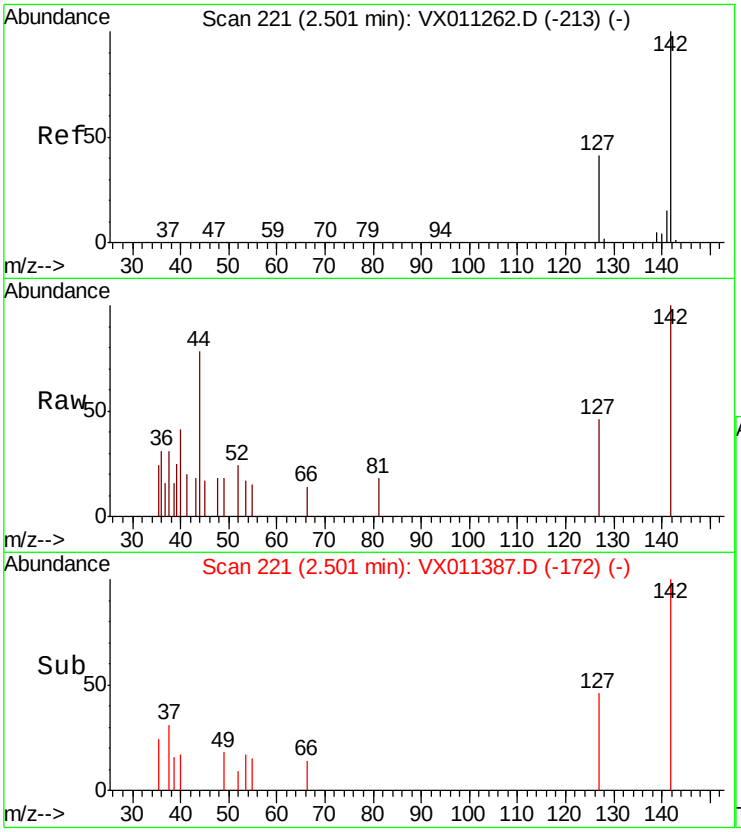


#6
Chloroethane
Concen: Below Cal
RT: 1.72 min Scan# 93
Delta R.T. 0.01 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Tgt Ion: 64 Resp: 108

Ion	Ratio	Lower	Upper
64	100		
66	75.3	25.1	37.7#



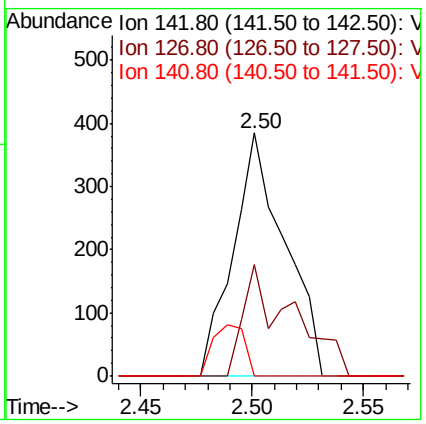


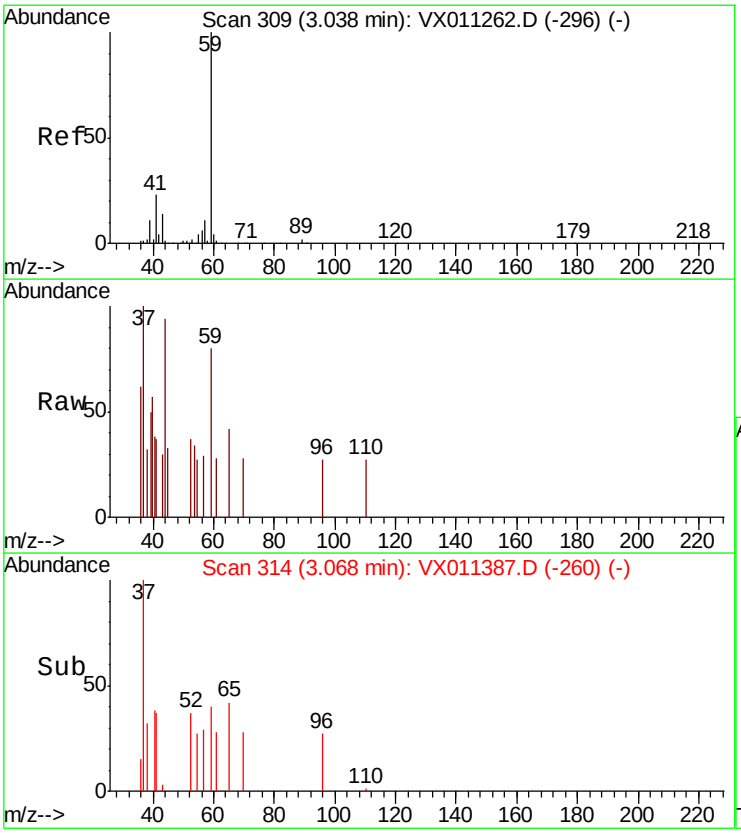
#10
Methyl Iodide
Concen: 0.361 ug/l
RT: 2.50 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
MW-23B_080719DL

Tgt Ion:142 Resp: 618

Ion	Ratio	Lower	Upper
142	100		
127	43.9	33.8	50.8
141	12.8	11.4	17.2

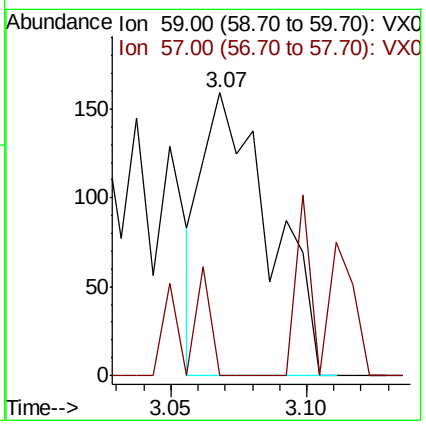


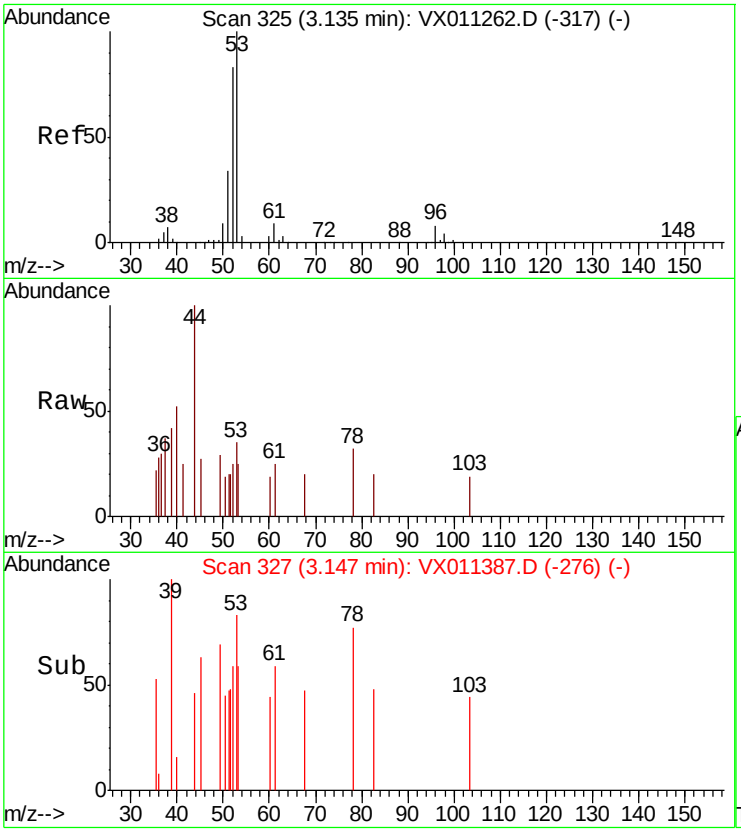


#11
Tert butyl alcohol
Concen: 0.950 ug/l
RT: 3.07 min Scan# 314
Delta R.T. 0.03 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Tgt Ion: 59 Resp: 275

Ion	Ratio	Lower	Upper
59	100		
57	6.9	8.3	12.5#



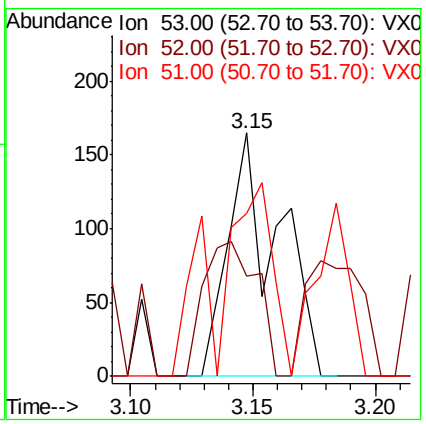


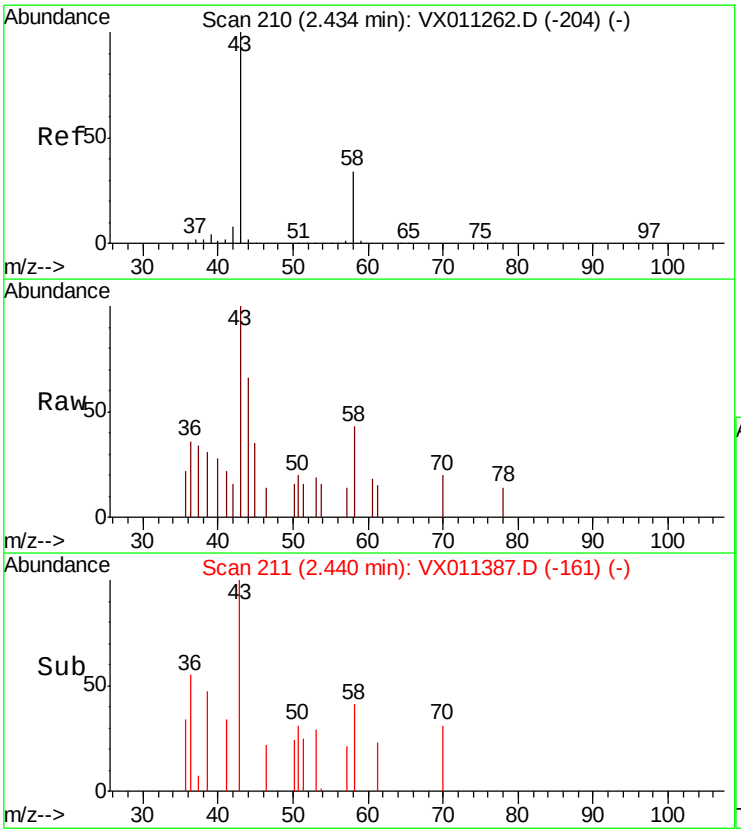
#15
Acrylonitrile
Concen: 0.333 ug/l
RT: 3.15 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
MW-23B_080719DL

Tgt Ion: 53 Resp: 236

Ion	Ratio	Lower	Upper
53	100		
52	58.5	65.5	98.3#
51	62.7	27.9	41.9#

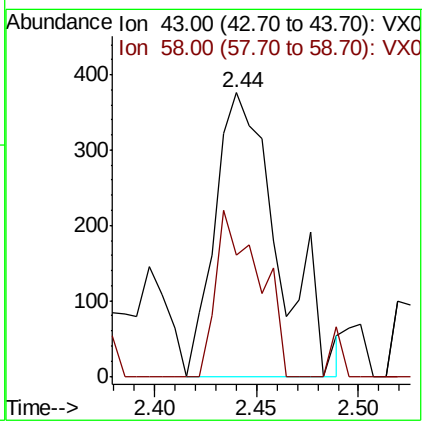


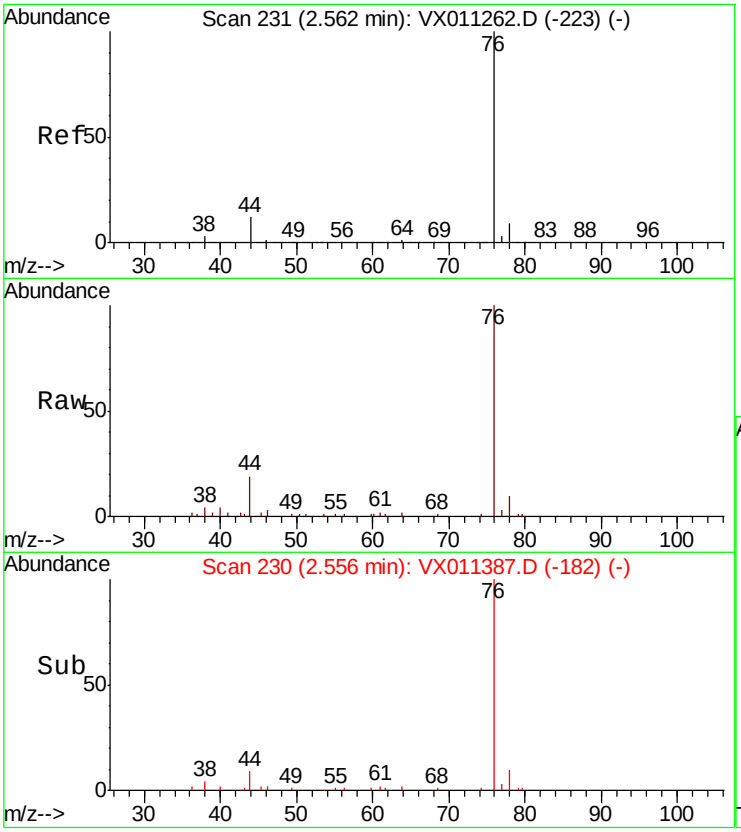


#16
Acetone
Concen: 1.135 ug/l
RT: 2.44 min Scan# 211
Delta R.T. 0.01 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Tgt Ion: 43 Resp: 804

Ion	Ratio	Lower	Upper
43	100		
58	42.6	27.4	41.0#



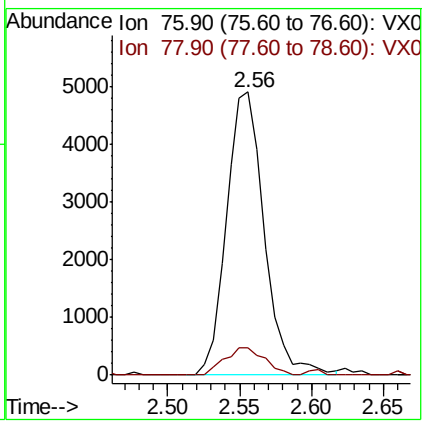


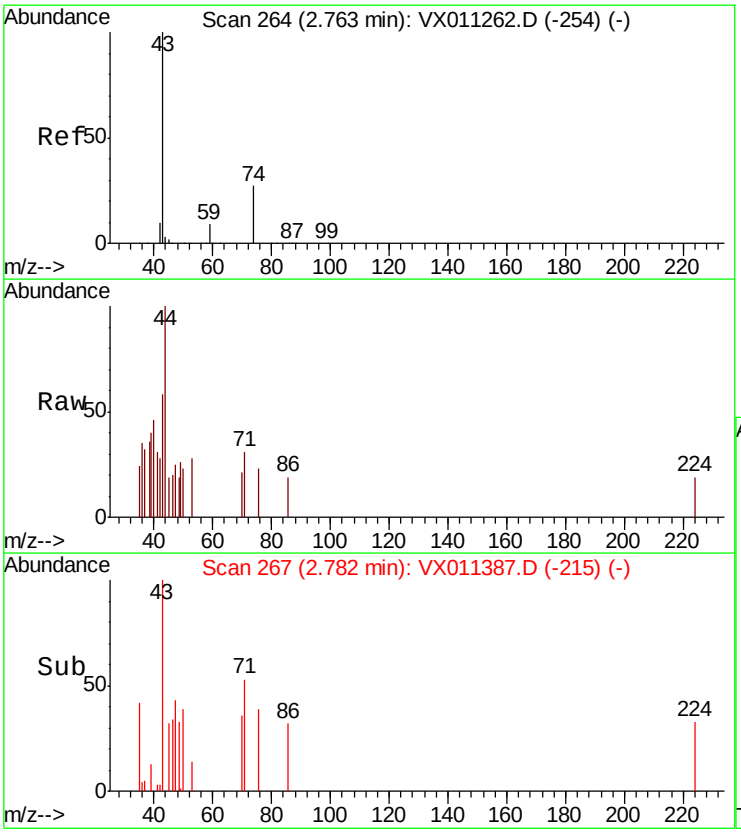
#17
Carbon Disulfide
Concen: 2.848 ug/l
RT: 2.56 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
MW-23B_080719DL

Tgt Ion: 76 Resp: 8986

Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.4	11.0

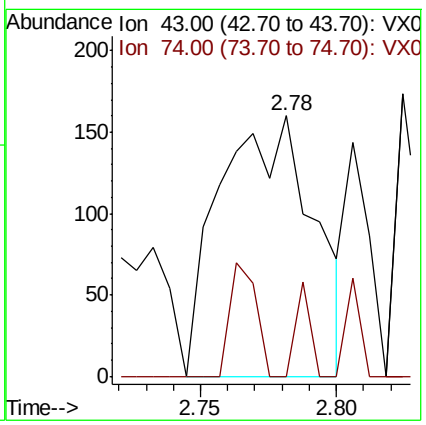


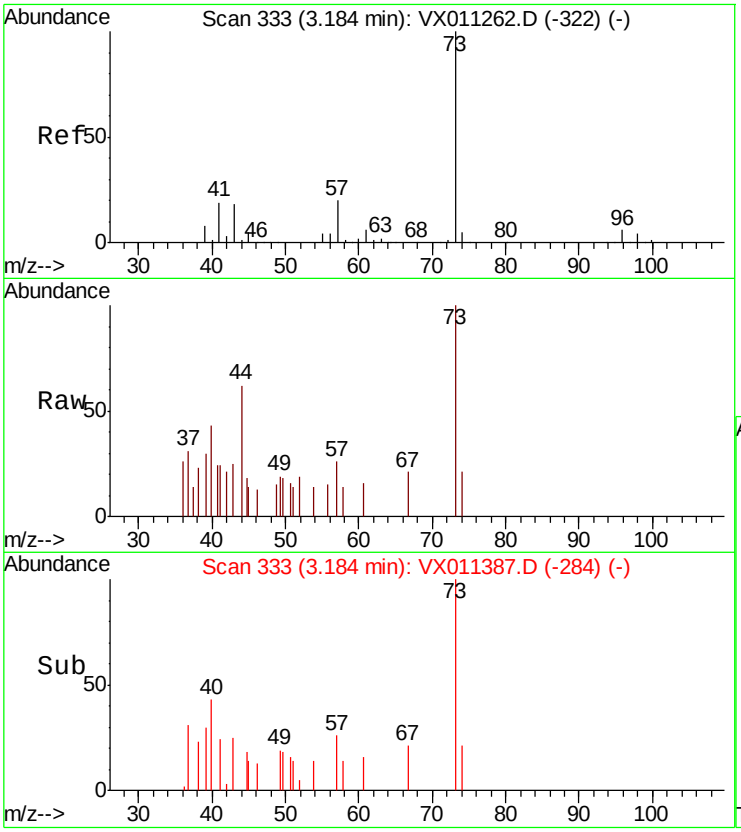


#18
Methyl Acetate
Concen: 0.237 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.02 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Tgt Ion: 43 Resp: 383

Ion	Ratio	Lower	Upper
43	100		
74	5.5	21.0	31.6#



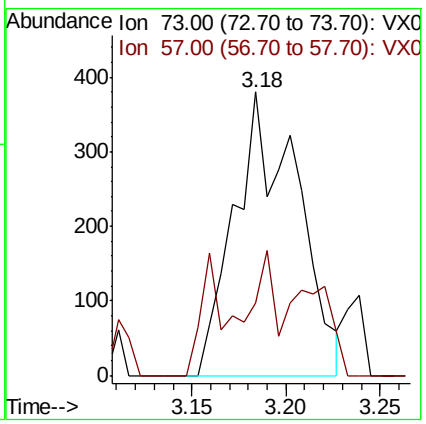


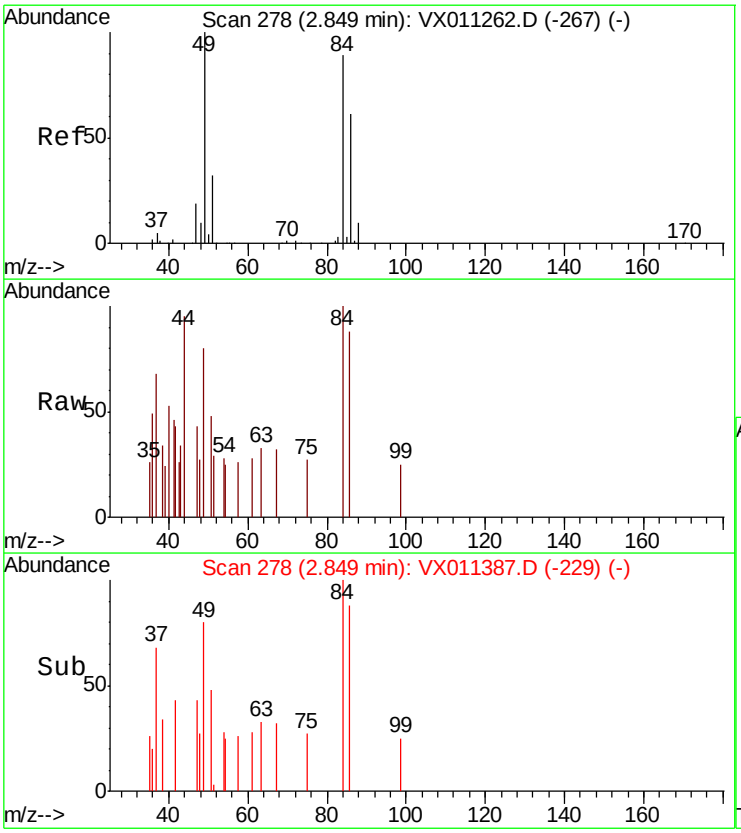
#19
Methyl tert-butyl Ether
Concen: 0.221 ug/l
RT: 3.18 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
MW-23B_080719DL

Tgt Ion: 73 Resp: 877

Ion	Ratio	Lower	Upper
73	100		
57	25.8	16.2	24.2#

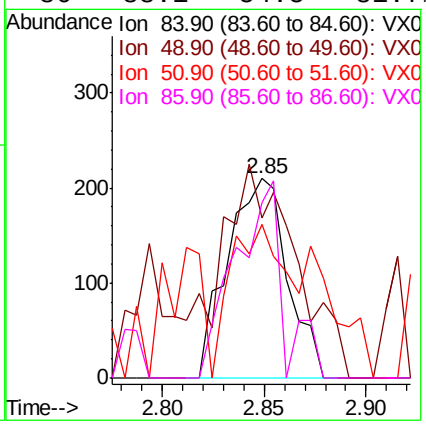


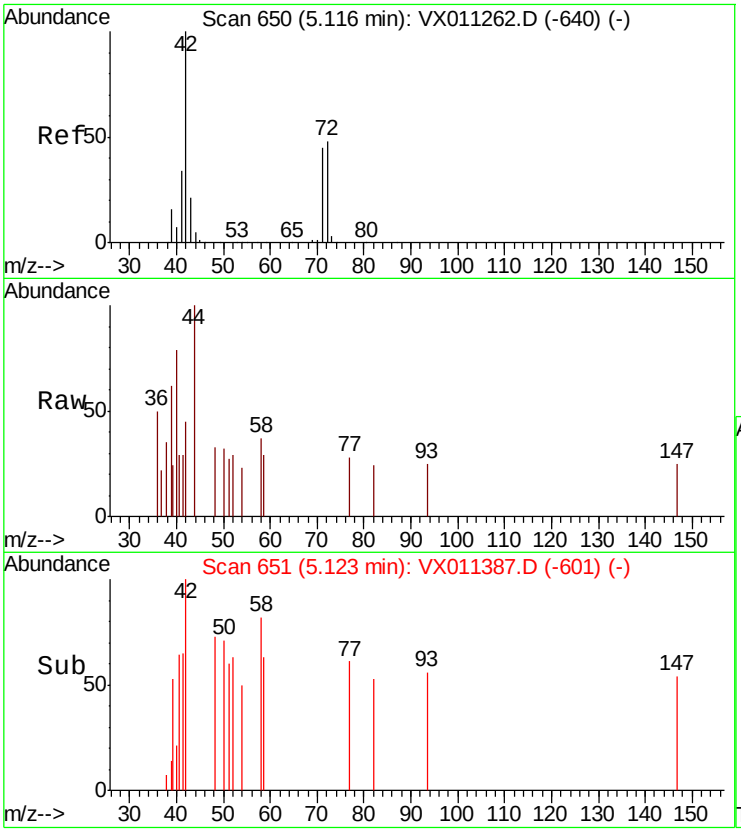


#20
Methylene Chloride
Concen: 0.277 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Tgt Ion: 84 Resp: 430

Ion	Ratio	Lower	Upper
84	100		
49	51.4	89.3	133.9#
51	49.5	28.3	42.5#
86	88.1	54.5	81.7#



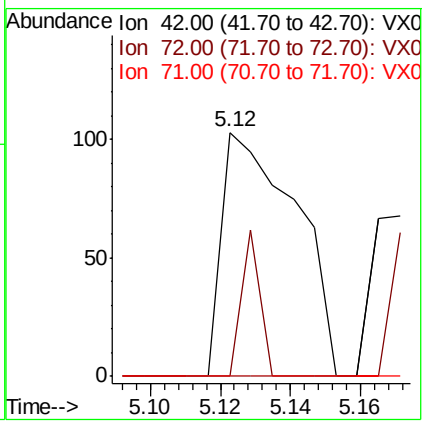


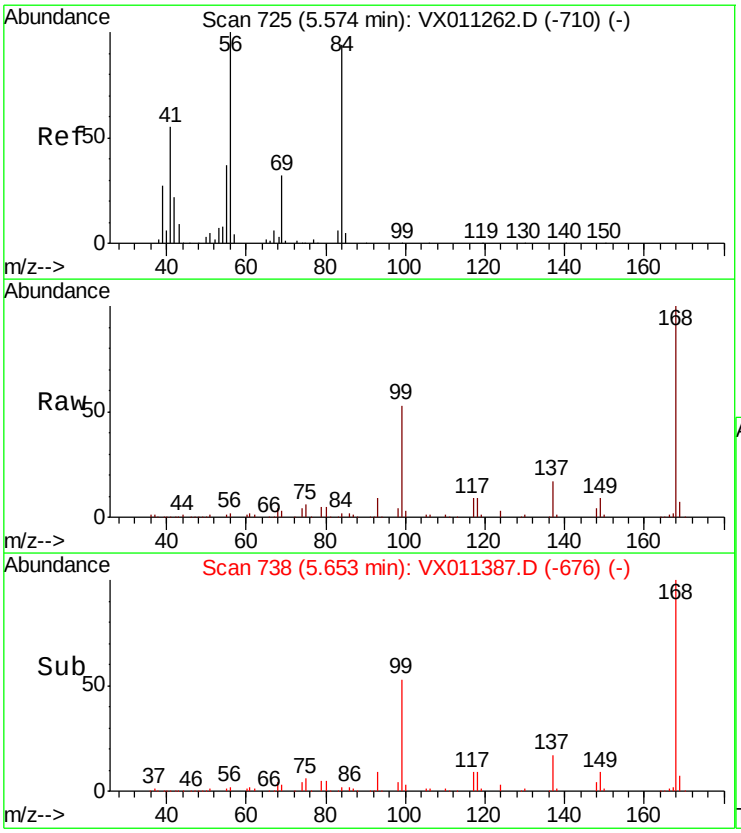
#29
Tetrahydrofuran
Concen: 0.248 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.01 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
MW-23B_080719DL

Tgt Ion: 42 Resp: 153

Ion	Ratio	Lower	Upper
42	100		
72	15.0	39.9	59.9#
71	0.0	36.9	55.3#

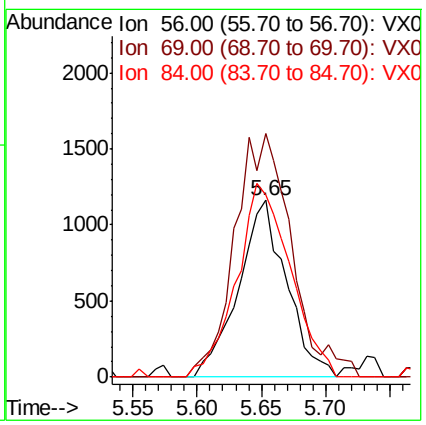


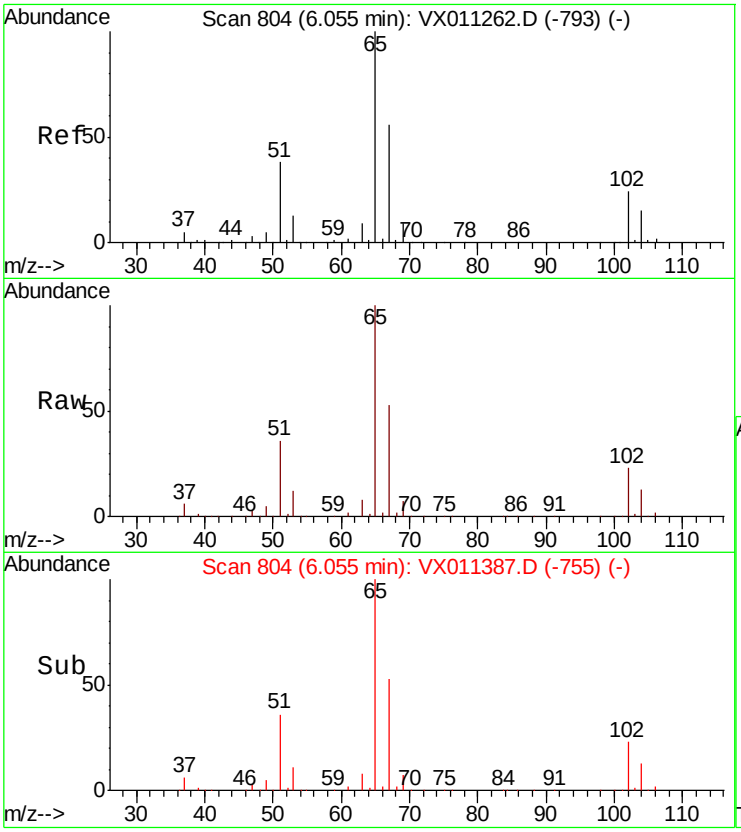


#31
Cyclohexane
Concen: 1.572 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.08 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Tgt Ion: 56 Resp: 3013

Ion	Ratio	Lower	Upper
56	100		
69	137.7	25.5	38.3#
84	102.8	75.0	112.4



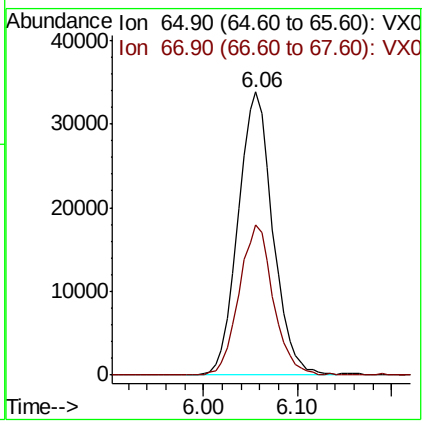


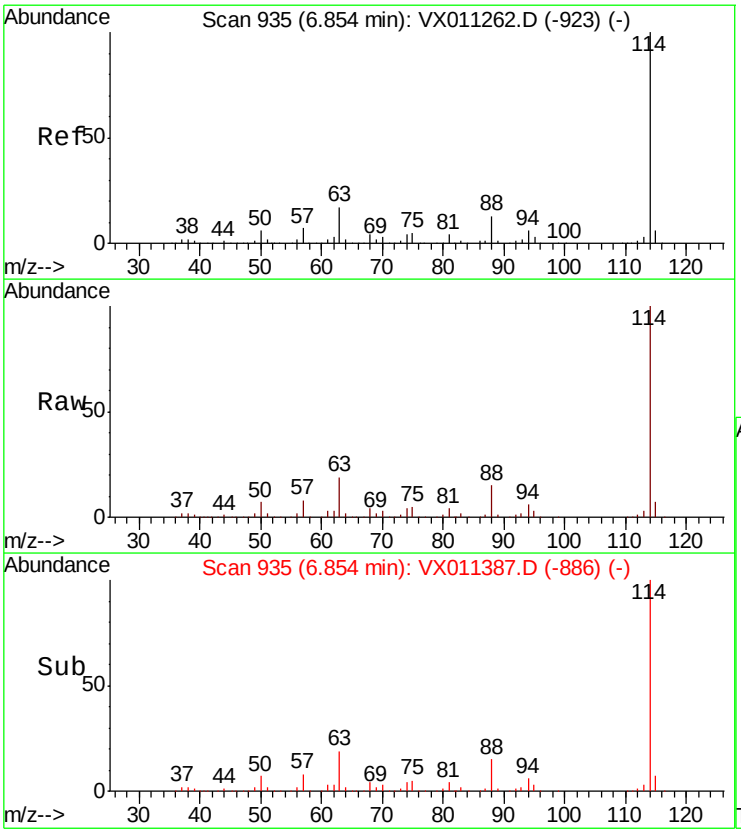
#33
1,2-Dichloroethane-d4
Concen: 58.452 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
MW-23B_080719DL

Tgt Ion: 65 Resp: 86976

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	110.6

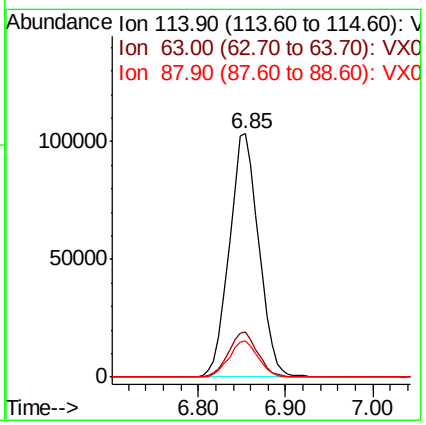


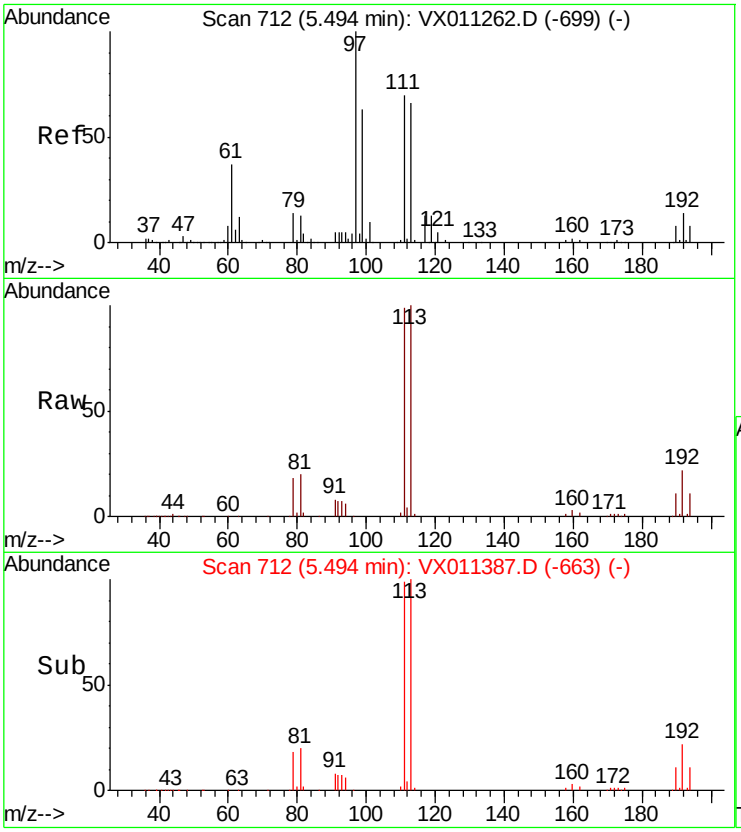


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Tgt Ion:114 Resp: 242573

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	34.0
88	15.1	0.0	26.4



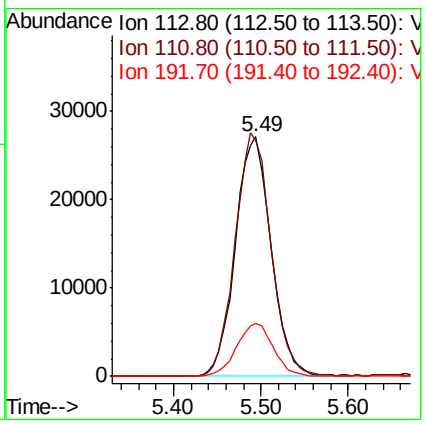


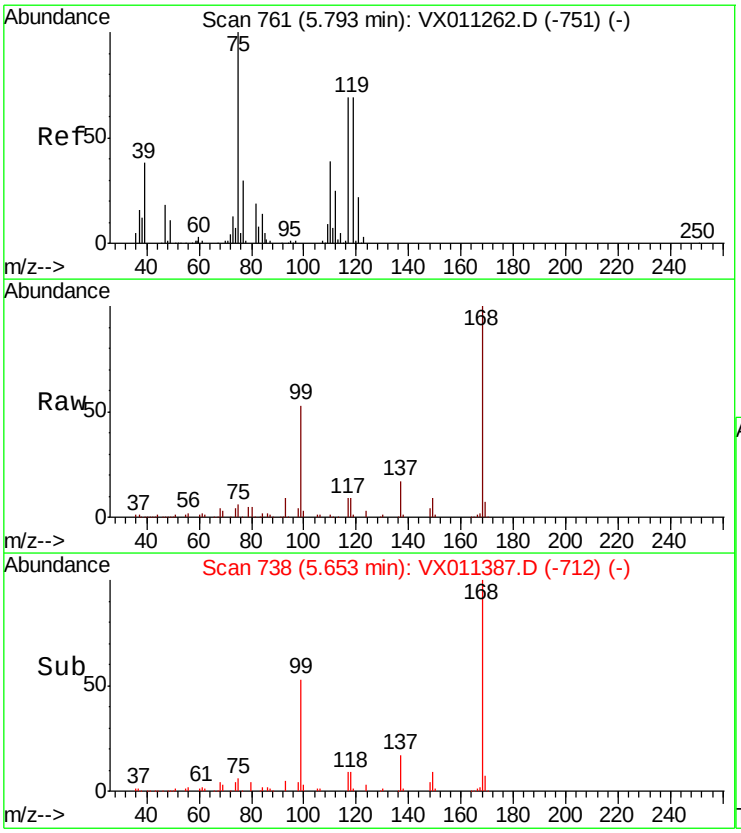
#35
Dibromofluoromethane
Concen: 48.688 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
MW-23B_080719DL

Tgt Ion:113 Resp: 77108

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	22.5	17.8	26.8

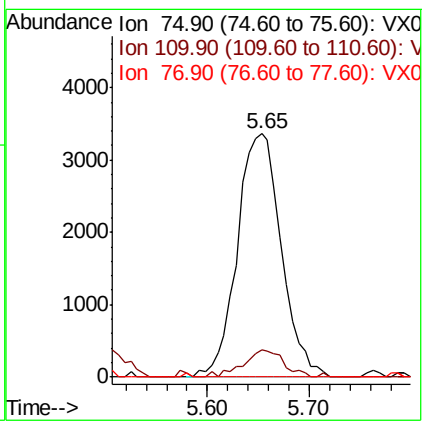


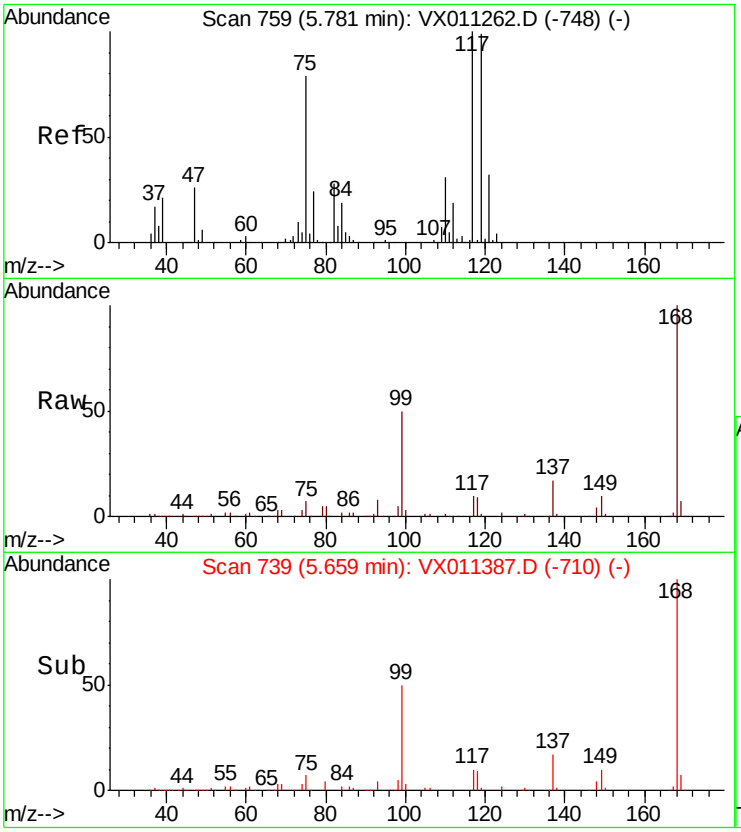


#36
1,1-Dichloropropene
Concen: 4.744 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.14 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Tgt Ion: 75 Resp: 10047

Ion	Ratio	Lower	Upper
75	100		
110	10.3	20.0	59.9#
77	0.0	24.8	37.2#



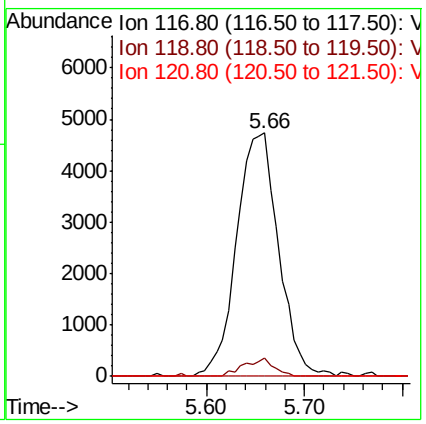


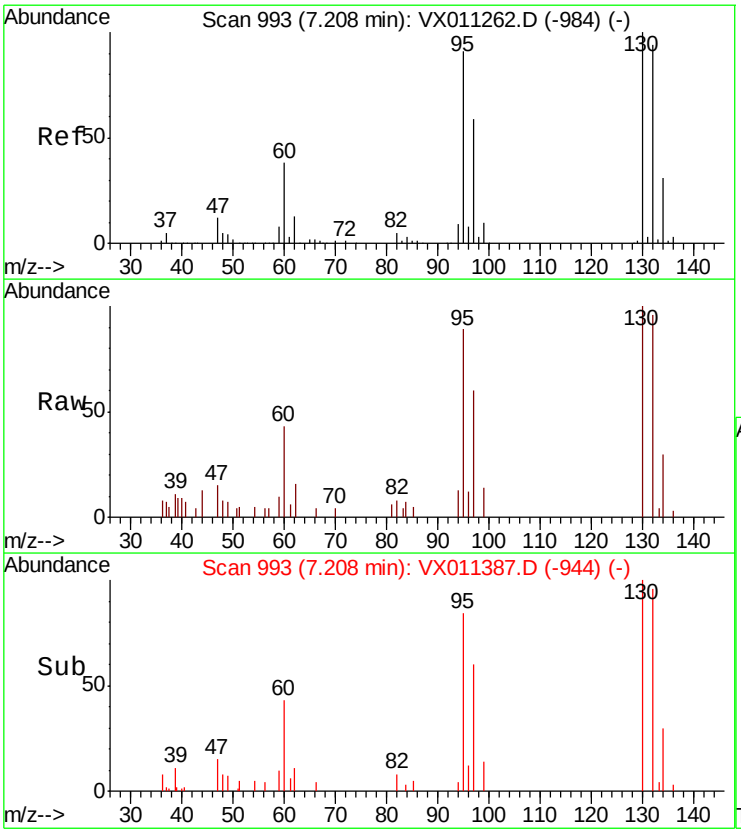
#38
Carbon Tetrachloride
Concen: 6.612 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
MW-23B_080719DL

Tgt Ion:117 Resp: 14088

Ion	Ratio	Lower	Upper
117	100		
119	7.6	79.0	118.4#
121	0.0	25.9	38.9#

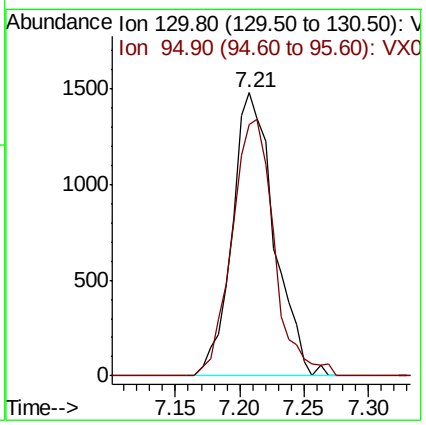


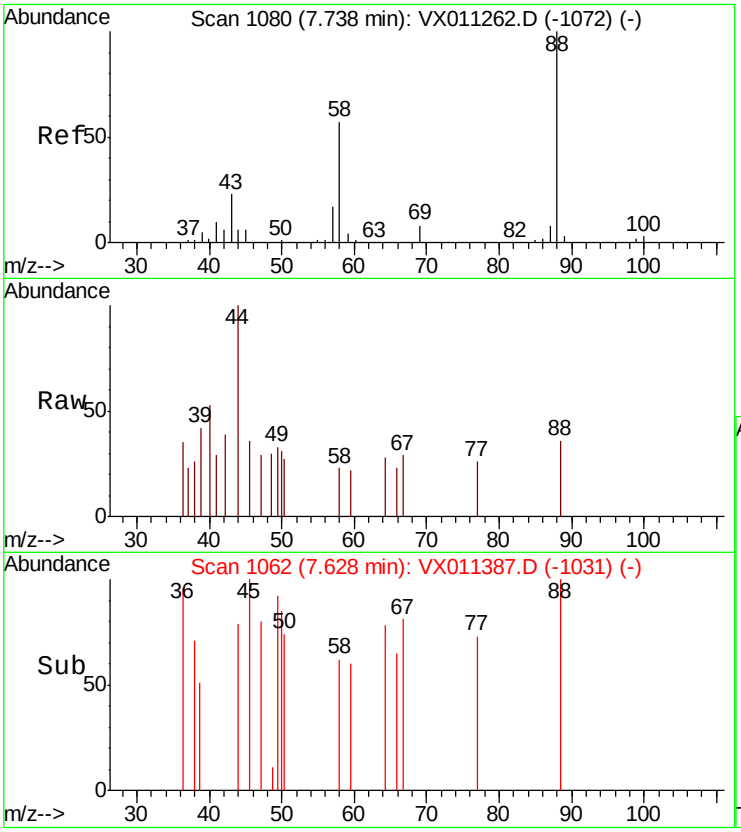


#44
Trichloroethene
Concen: 1.739 ug/l
RT: 7.21 min Scan# 993
Delta R.T. 0.00 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Tgt Ion:130 Resp: 3326

Ion	Ratio	Lower	Upper
130	100		
95	88.6	0.0	182.6



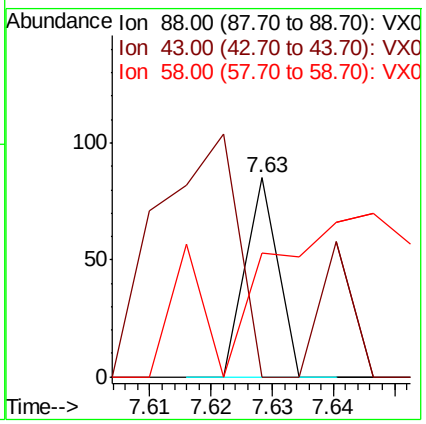


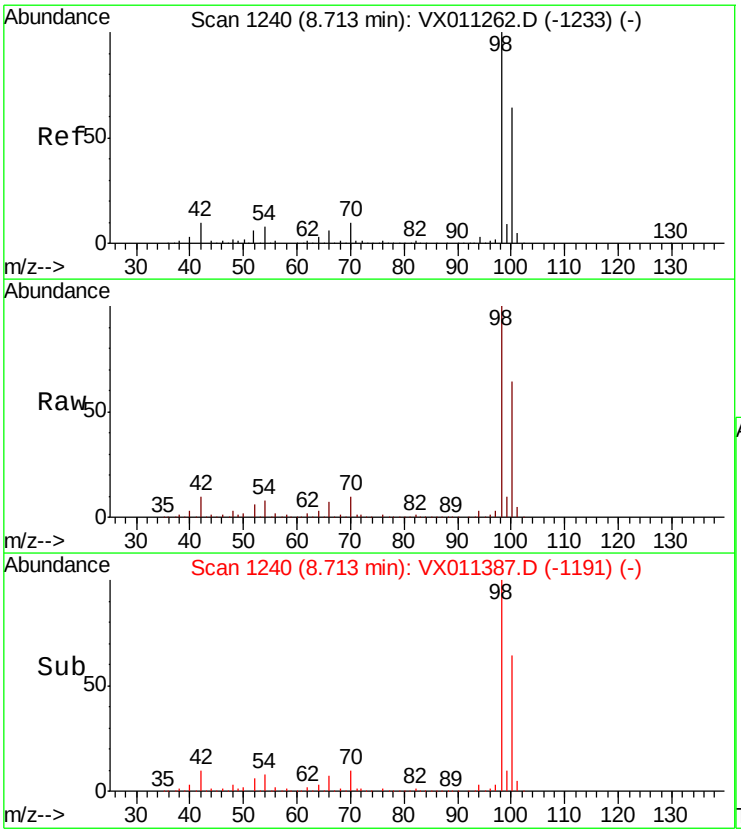
#49
1,4-Dioxane
Concen: 0.669 ug/l
RT: 7.63 min Scan# 1062
Delta R.T. -0.11 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
MW-23B_080719DL

Tgt Ion: 88 Resp: 31

Ion	Ratio	Lower	Upper
88	100		
43	303.2	22.2	33.2#
58	67.7	47.8	71.8

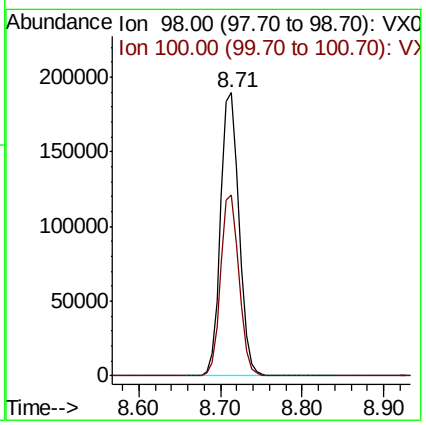


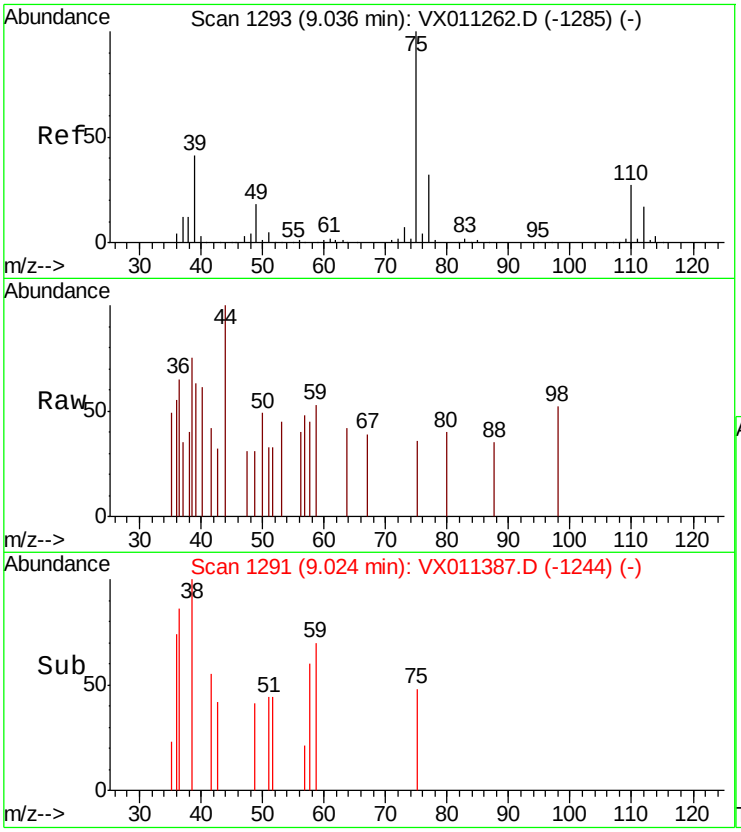


#50
Toluene-d8
Concen: 50.007 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Tgt Ion: 98 Resp: 298940

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.7	77.5



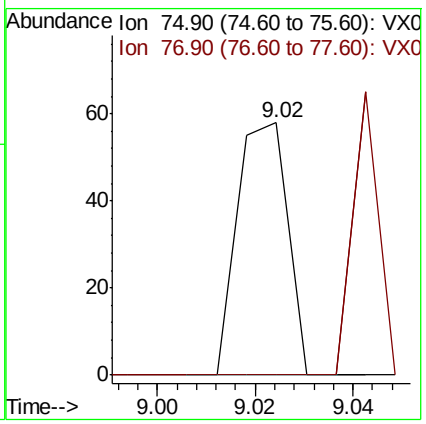


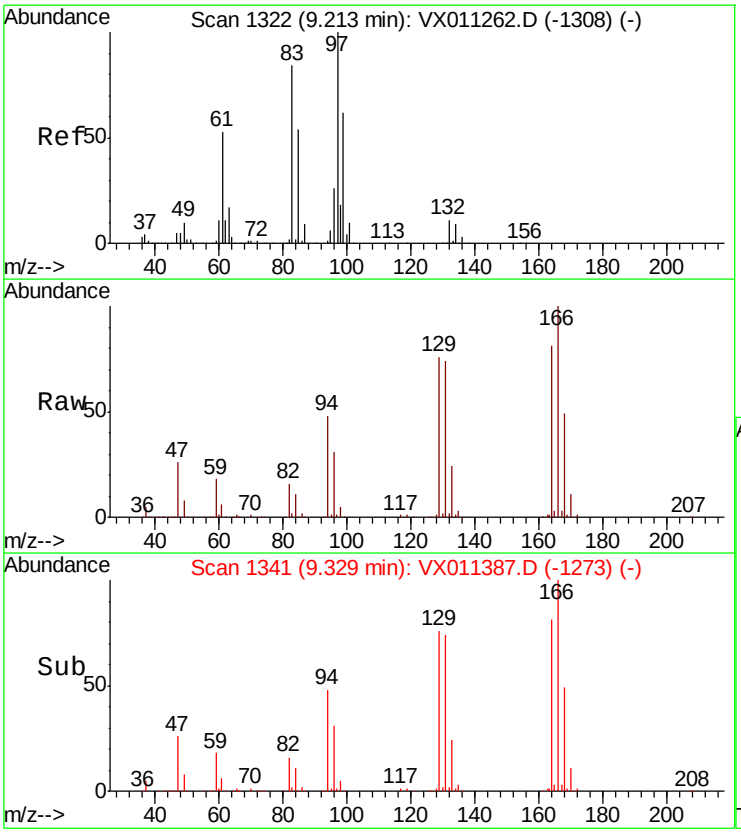
#53
t-1,3-Dichloropropene
Concen: 2.855 ug/l
RT: 9.02 min Scan# 1291
Delta R.T. -0.01 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
MW-23B_080719DL

Tgt Ion: 75 Resp: 41

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#

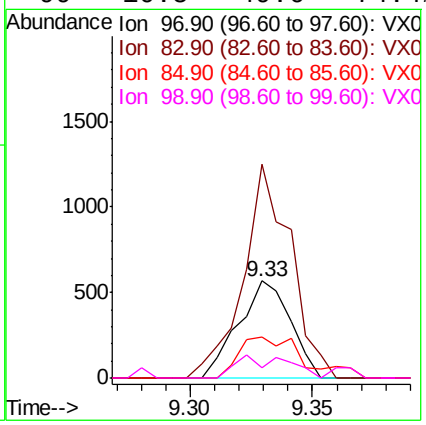


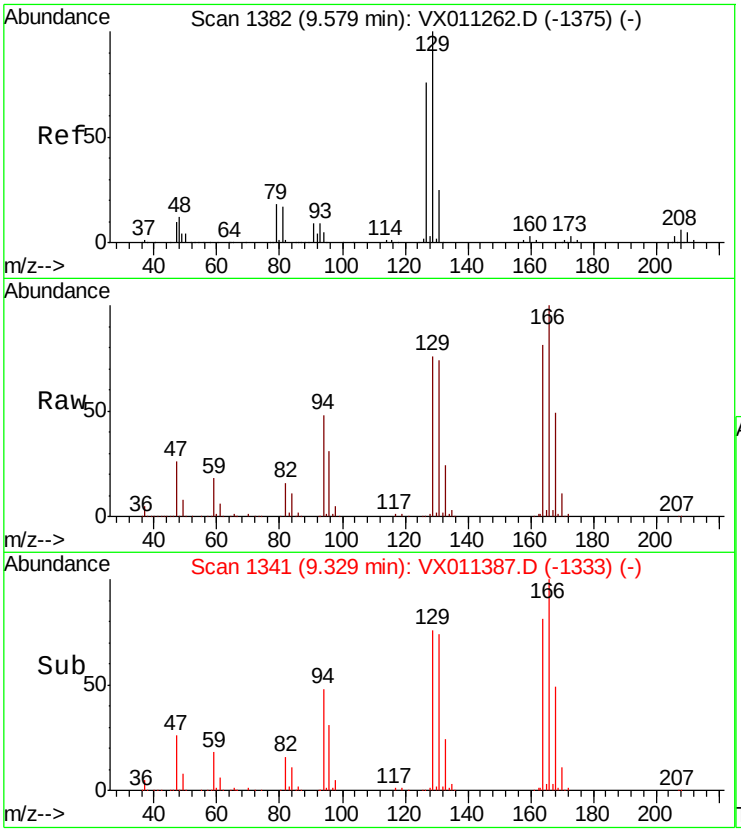


#55
1,1,2-Trichloroethane
Concen: 0.492 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. 0.12 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Tgt Ion: 97 Resp: 845

Ion	Ratio	Lower	Upper
97	100		
83	219.5	67.6	101.4#
85	42.0	43.4	65.0#
99	10.5	49.6	74.4#



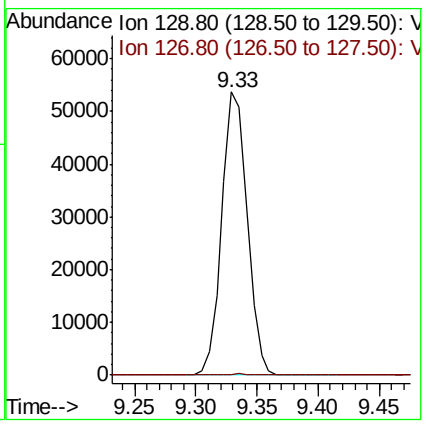


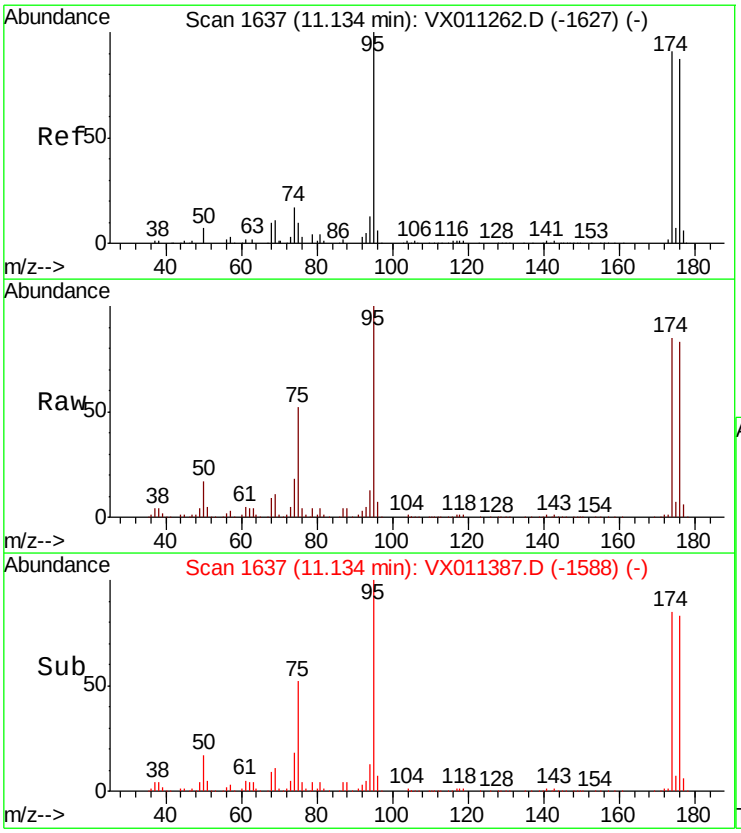
#60
Dibromochloromethane
Concen: 44.143 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.25 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
MW-23B_080719DL

Tgt Ion:129 Resp: 77645

Ion	Ratio	Lower	Upper
129	100		
127	0.1	39.2	117.6#

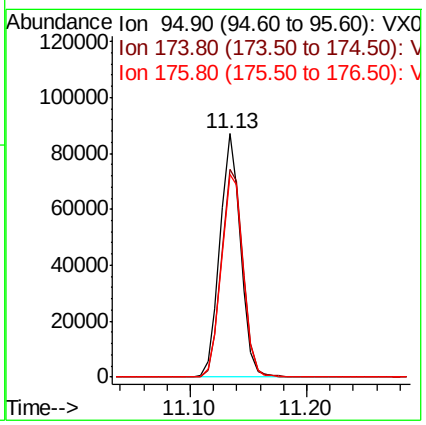


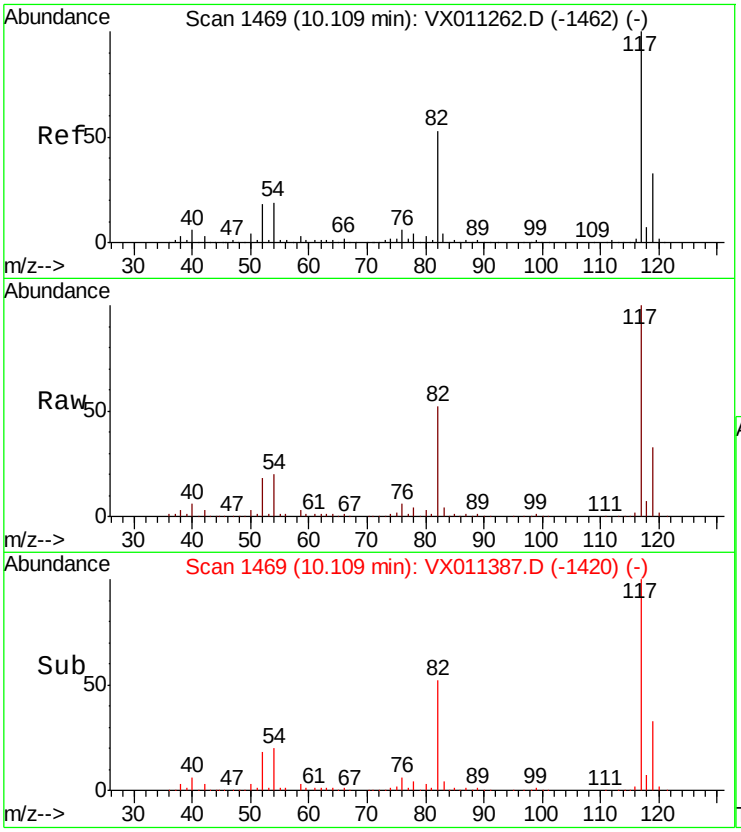


#62
4-Bromofluorobenzene
Concen: 49.921 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Tgt Ion: 95 Resp: 106548

Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	191.2
176	87.9	0.0	184.8



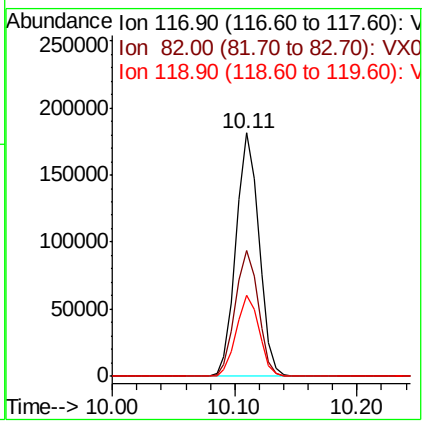


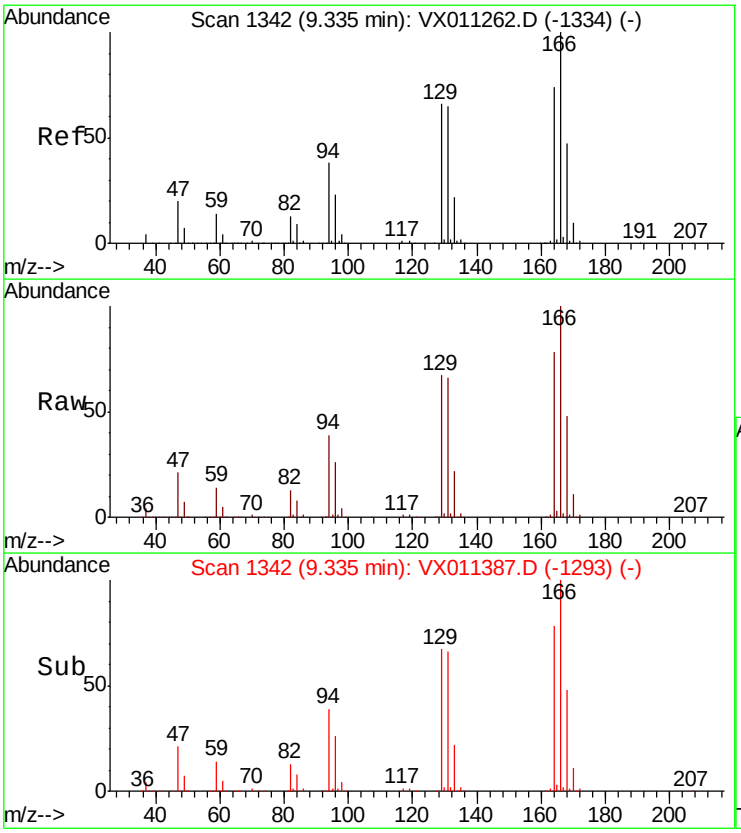
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
MW-23B_080719DL

Tgt Ion:117 Resp: 235347

Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.2	63.2
119	33.4	26.6	39.8

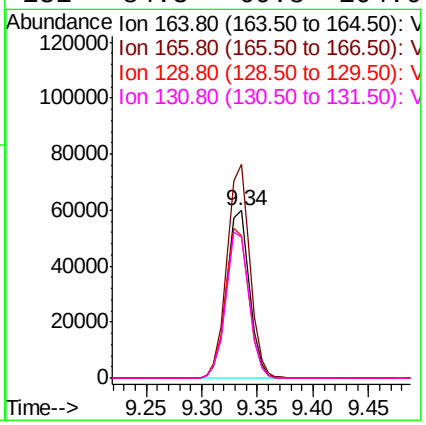


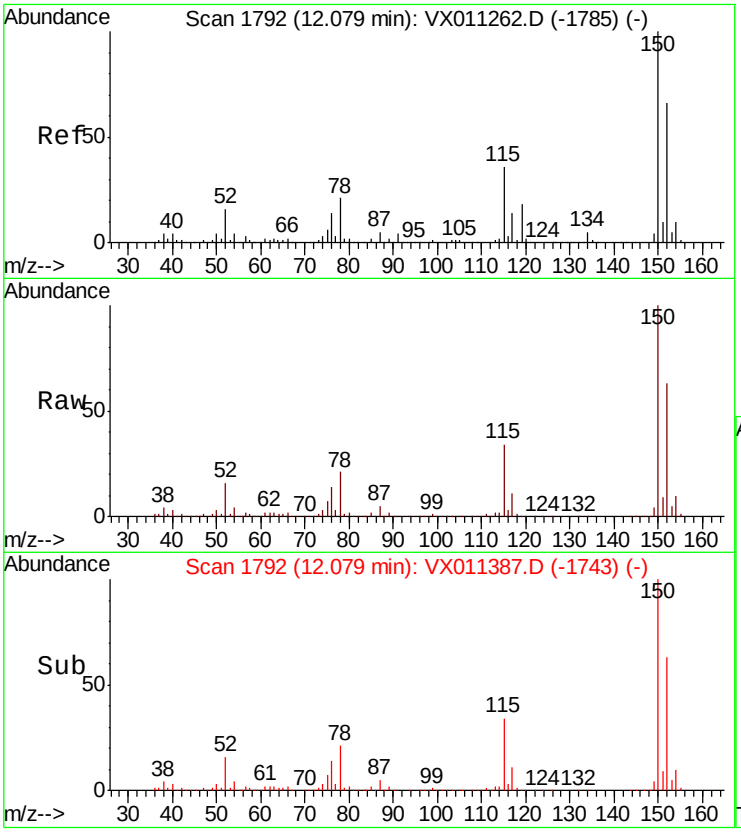


#64
Tetrachloroethene
Concen: 42.564 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Tgt Ion:164 Resp: 85070

Ion	Ratio	Lower	Upper
164	100		
166	127.8	107.5	161.3
129	85.2	71.0	106.4
131	84.3	69.8	104.6



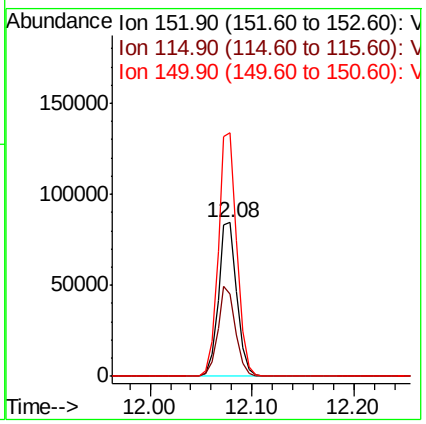


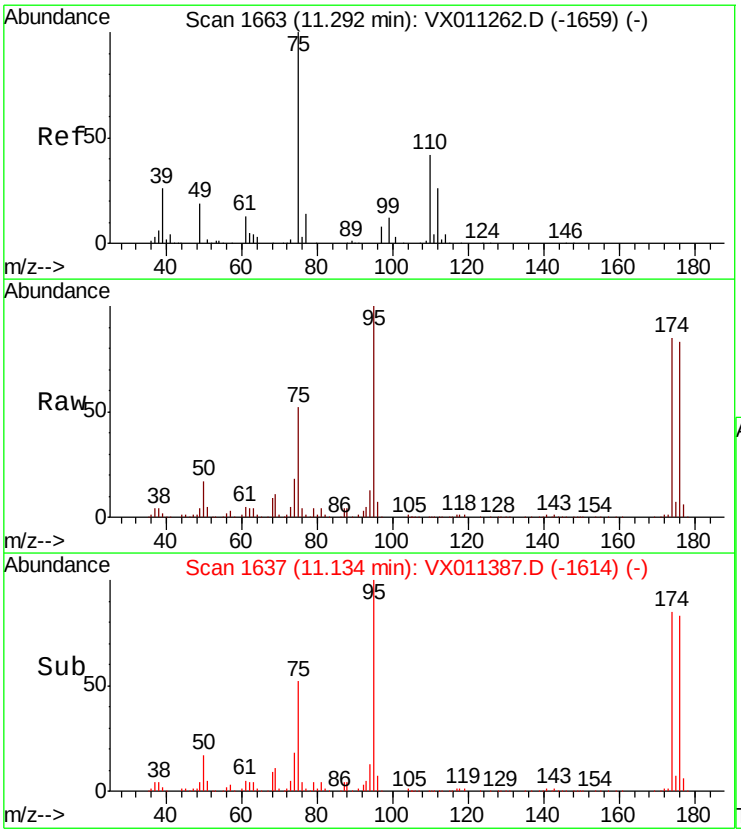
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
MW-23B_080719DL

Tgt Ion:152 Resp: 106944

Ion	Ratio	Lower	Upper
152	100		
115	55.5	40.0	119.9
150	158.8	0.0	350.4

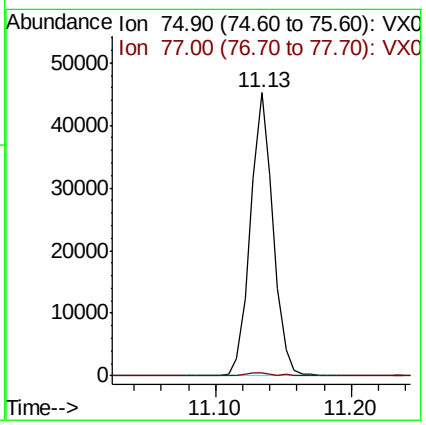


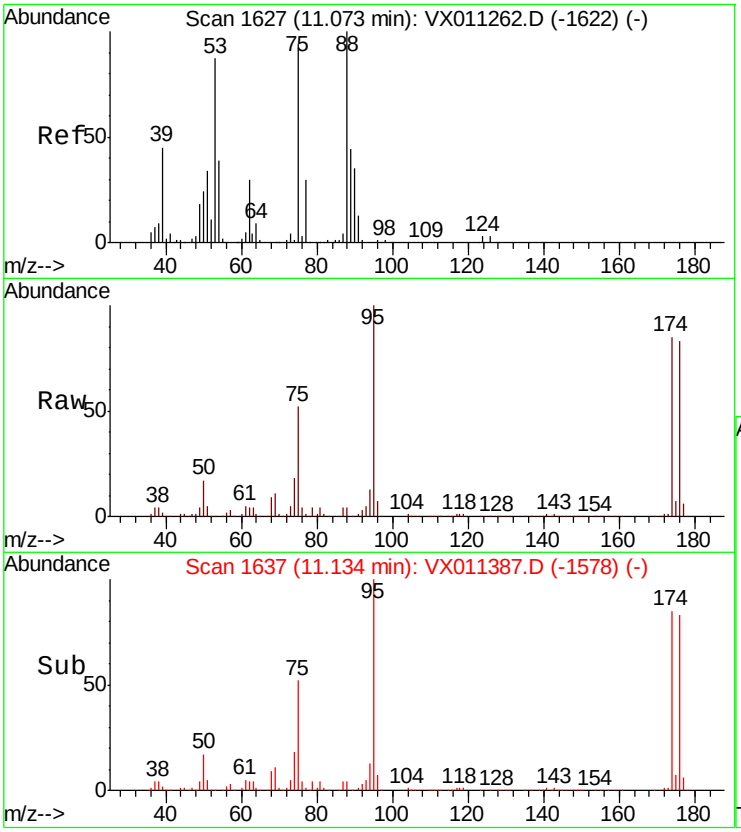


#76
1,2,3-Trichloropropane
Concen: 27.089 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Tgt Ion: 75 Resp: 52758

Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.1	63.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.313 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011387.D
Acq: 08 Aug 2019 13:18

Instrument :
MSVOA_X
ClientSampleId :
MW-23B_080719DL

Tgt Ion: 75 Resp: 52758

Ion	Ratio	Lower	Upper
75	100		
53	0.2	78.2	117.4#
89	0.2	37.9	56.9#