Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080819\
Data File : VX011386.D
Acq On : 08 Aug 2019 12:55
Operator : JC/SP
Sample : K4220-02DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-28B_080619DL

Quant Time: Aug 09 04:23:55 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	147088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	237755	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	230648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107447	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	85604	57.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.58%			
35) Dibromofluoromethane	5.49	113	76135	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.10%			
50) Toluene-d8	8.71	98	293127	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.06%			
62) 4-Bromofluorobenzene	11.13	95	104206	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.62%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	389	0.305	ug/l #	44
5) Bromomethane	1.63	94	1043	1.042	ug/l #	66
6) Chloroethane	1.71	64	67	Below Cal	#	43
10) Methyl Iodide	2.50	142	968	0.569	ug/l #	96
11) Tert butyl alcohol	3.03	59	153	0.541	ug/l #	32
13) Acrolein	2.29	56	174	0.526	ug/l #	29
15) Acrylonitrile	3.14	53	216	0.306	ug/l #	4
16) Acetone	2.44	43	1489	2.112	ug/l #	85
17) Carbon Disulfide	2.56	76	925	0.295	ug/l #	81
20) Methylene Chloride	2.85	84	612	0.396	ug/l	92
36) 1,1-Dichloropropene	5.65	75	10156	4.893	ug/l #	49
38) Carbon Tetrachloride	5.65	117	13962	6.685	ug/l #	14
44) Trichloroethene	7.21	130	2050	1.093	ug/l	96
49) 1,4-Dioxane	7.85	88	22	0.484	ug/l #	1
51) 4-Methyl-2-Pentanone	8.55	43	456	0.212	ug/l	89
53) t-1,3-Dichloropropene	9.05	75	82	2.872	ug/l #	43
60) Dibromochloromethane	9.33	129	103600	60.092	ug/l #	10
64) Tetrachloroethene	9.34	164	111932	57.145	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	52809	26.988	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	52809	70.068	ug/l #	10

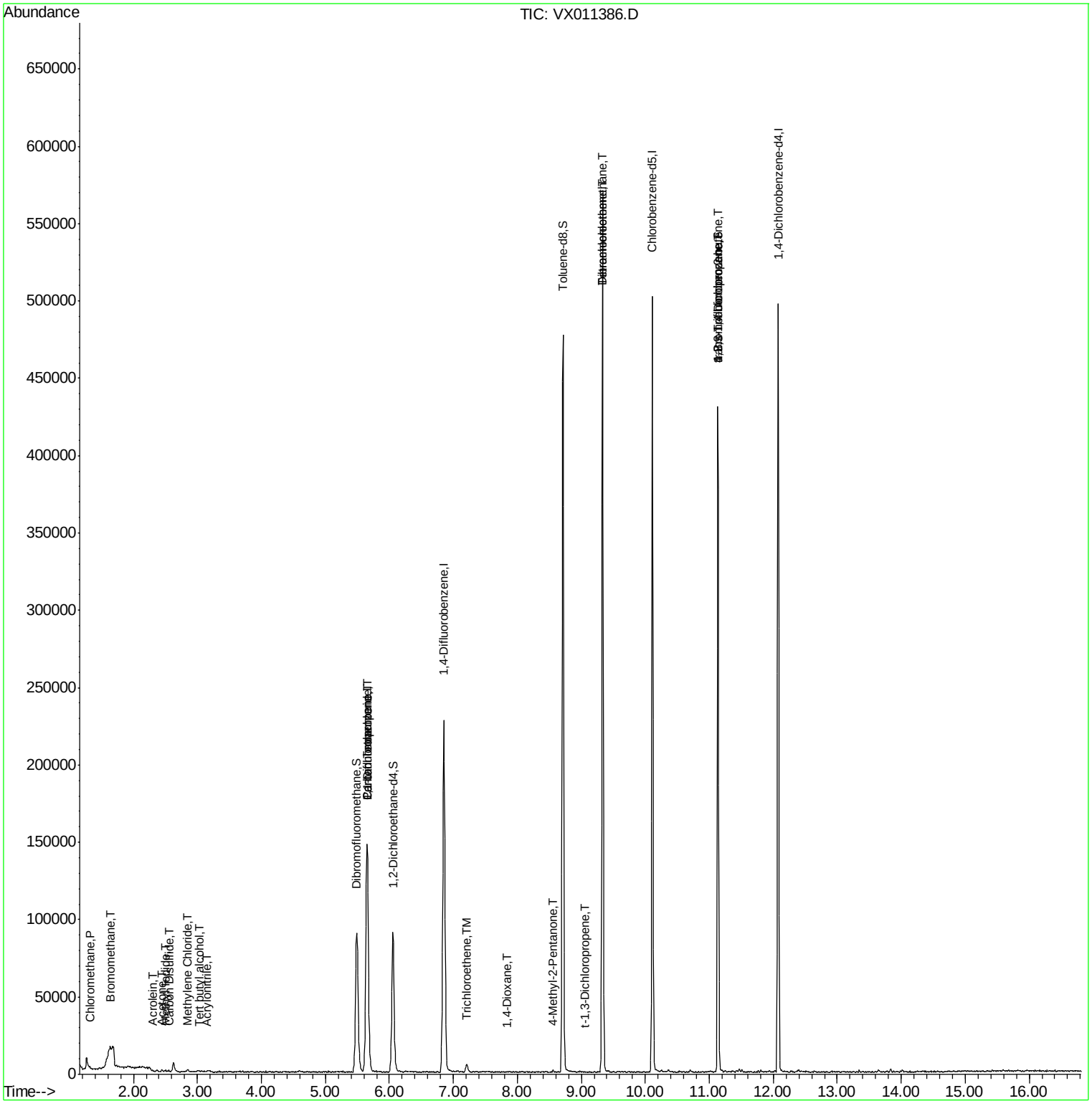
(#) = qualifier out of range (m) = manual integration (+) = signals summed

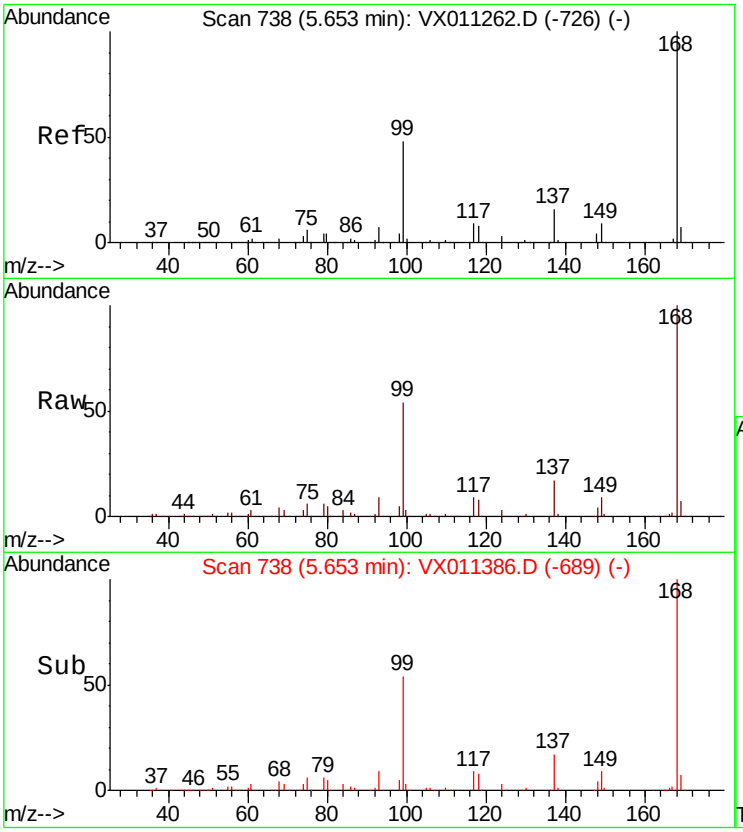
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080819\
Data File : VX011386.D
Acq On : 08 Aug 2019 12:55
Operator : JC/SP
Sample : K4220-02DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619DL

Quant Time: Aug 09 04:23:55 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



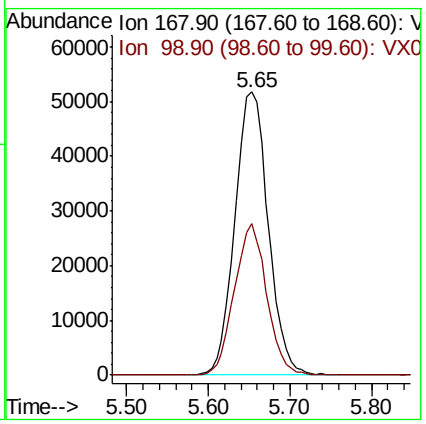


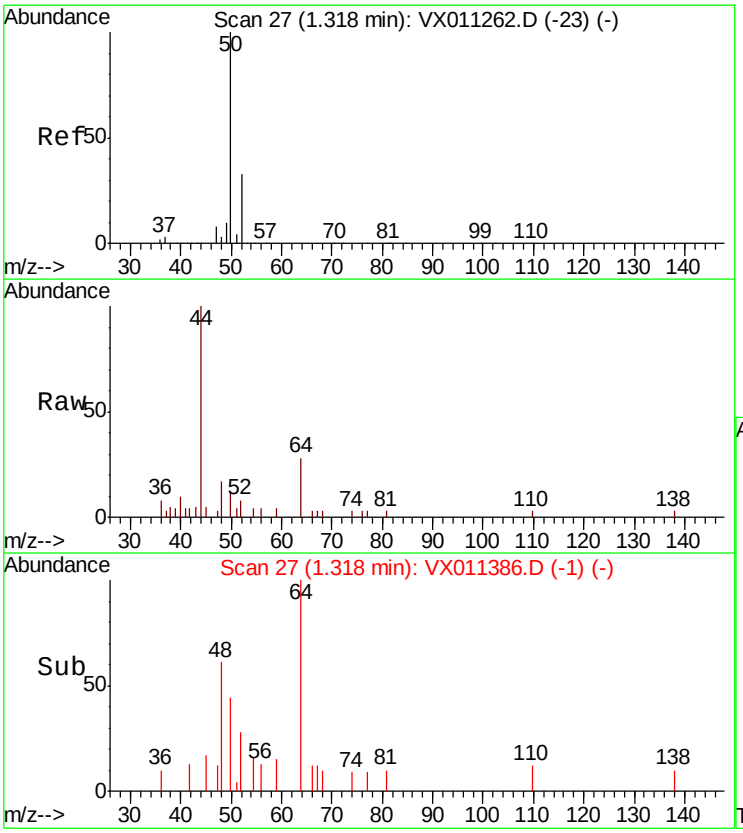
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.00 min
Lab File: VX011386.D
Acq: 08 Aug 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619DL

Tgt Ion:168 Resp: 147088

Ion	Ratio	Lower	Upper
168	100		
99	53.5	38.5	57.7

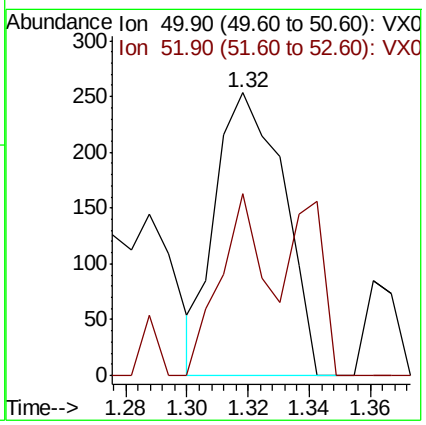


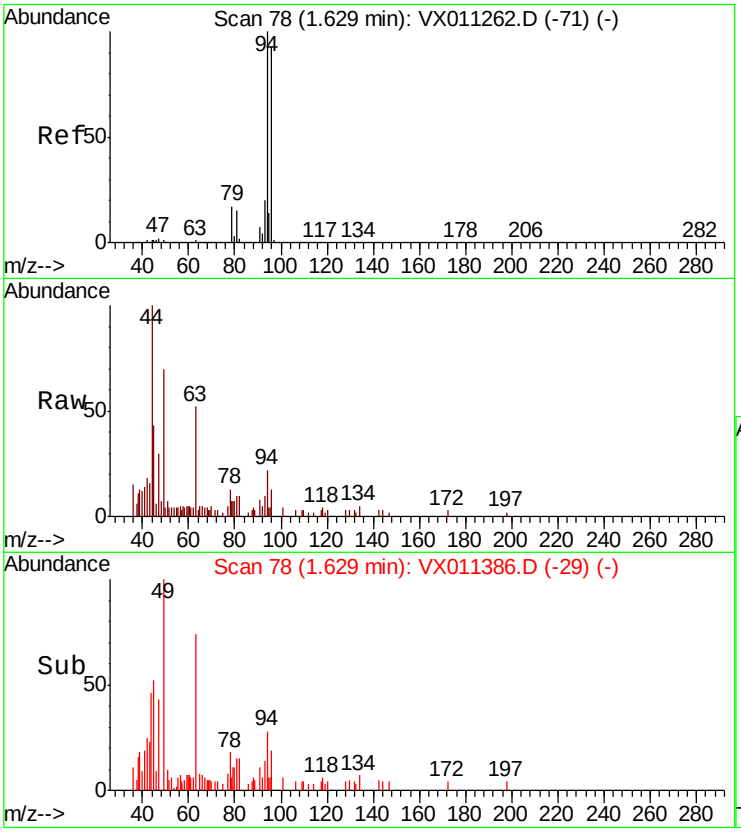


#3
Chloromethane
Concen: 0.305 ug/l
RT: 1.32 min Scan# 27
Delta R.T. -0.00 min
Lab File: VX011386.D
Acq: 08 Aug 2019 12:55

Tgt Ion: 50 Resp: 389

Ion	Ratio	Lower	Upper
50	100		
52	64.4	26.4	39.6#



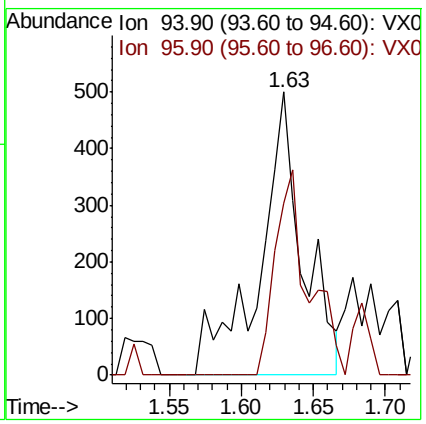


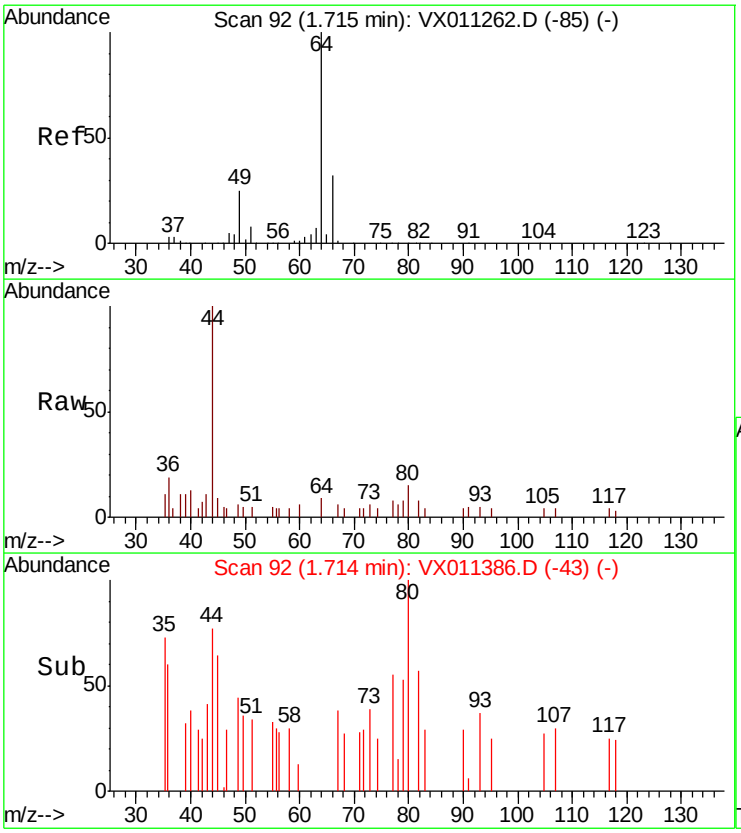
#5
Bromomethane
Concen: 1.042 ug/l
RT: 1.63 min Scan# 78
Delta R.T. -0.00 min
Lab File: VX011386.D
Acq: 08 Aug 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619DL

Tgt Ion: 94 Resp: 1043

Ion	Ratio	Lower	Upper
94	100		
96	61.0	74.6	112.0#

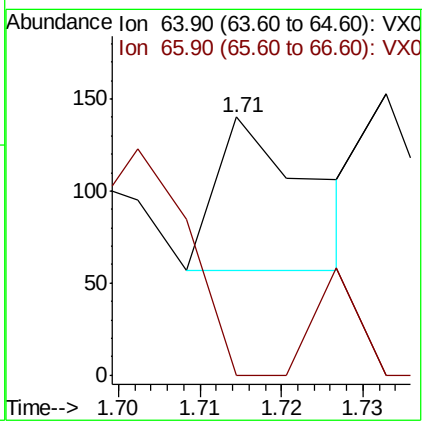


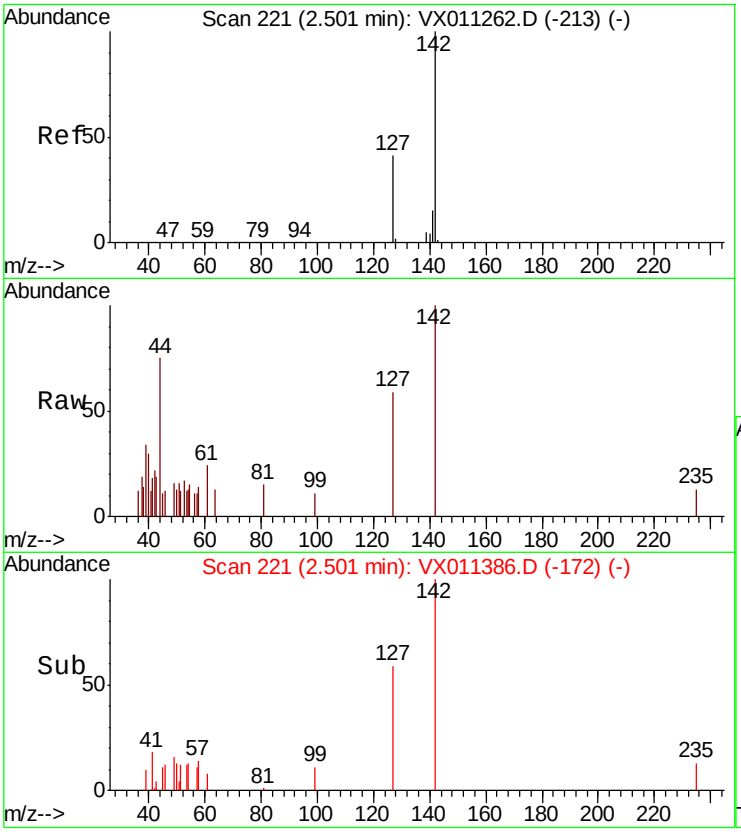


#6
Chloroethane
Concen: Below Cal
RT: 1.71 min Scan# 92
Delta R.T. 0.00 min
Lab File: VX011386.D
Acq: 08 Aug 2019 12:55

Tgt Ion: 64 Resp: 67

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.1	37.7#



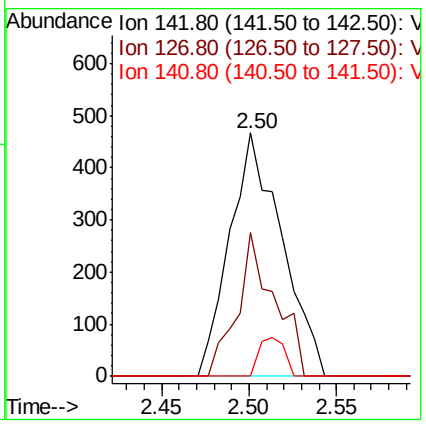


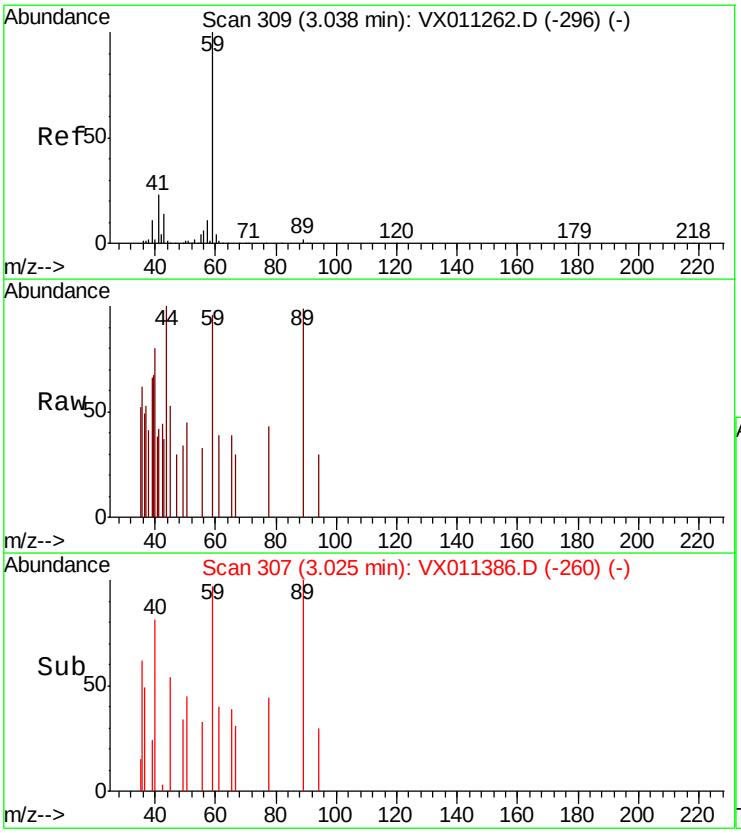
#10
Methyl Iodide
Concen: 0.569 ug/l
RT: 2.50 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX011386.D
Acq: 08 Aug 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619DL

Tgt Ion:142 Resp: 968

Ion	Ratio	Lower	Upper
142	100		
127	42.0	33.8	50.8
141	7.6	11.4	17.2#

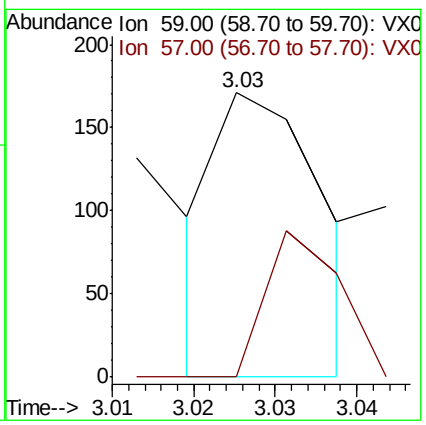


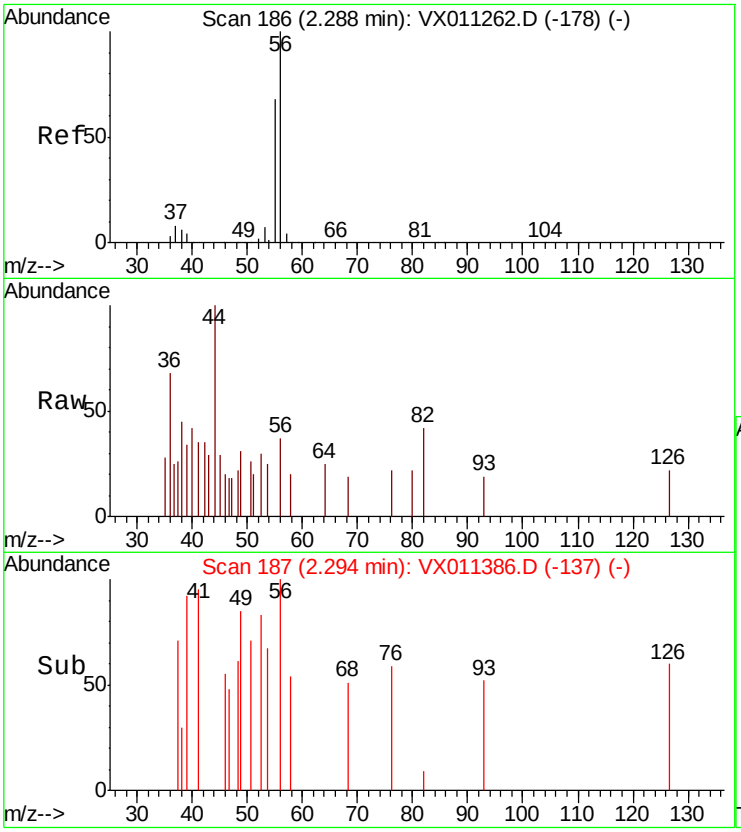


#11
Tert butyl alcohol
Concen: 0.541 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX011386.D
Acq: 08 Aug 2019 12:55

Tgt Ion: 59 Resp: 153

Ion	Ratio	Lower	Upper
59	100		
57	35.9	8.3	12.5#



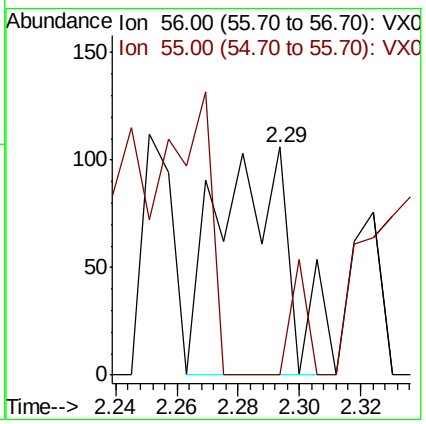


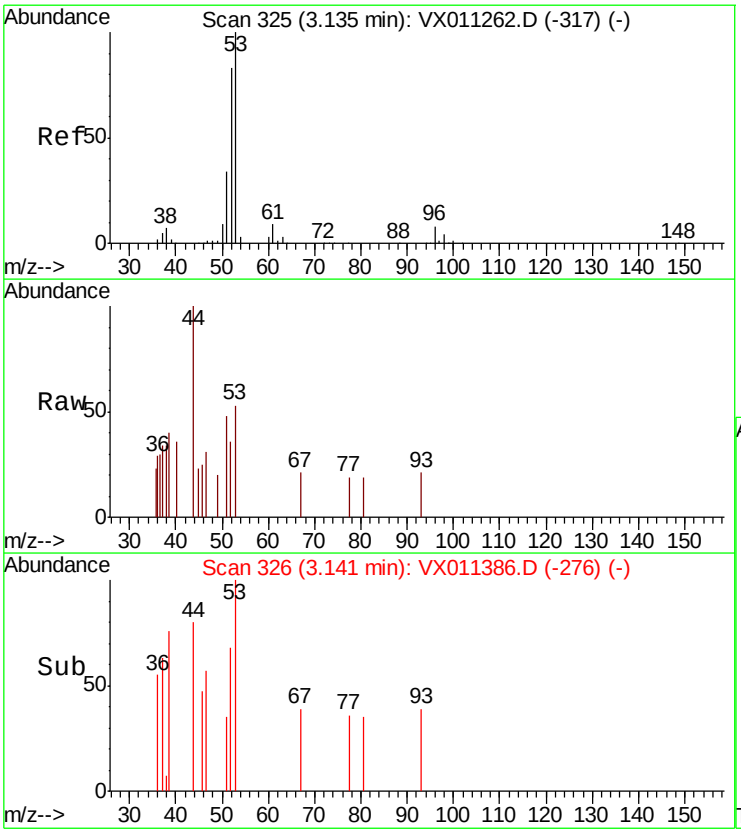
#13
Acrolein
Concen: 0.526 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.01 min
Lab File: VX011386.D
Acq: 08 Aug 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619DL

Tgt Ion: 56 Resp: 174

Ion	Ratio	Lower	Upper
56	100		
55	11.5	56.0	84.0#

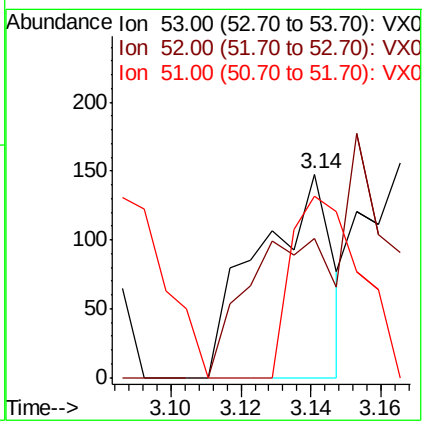


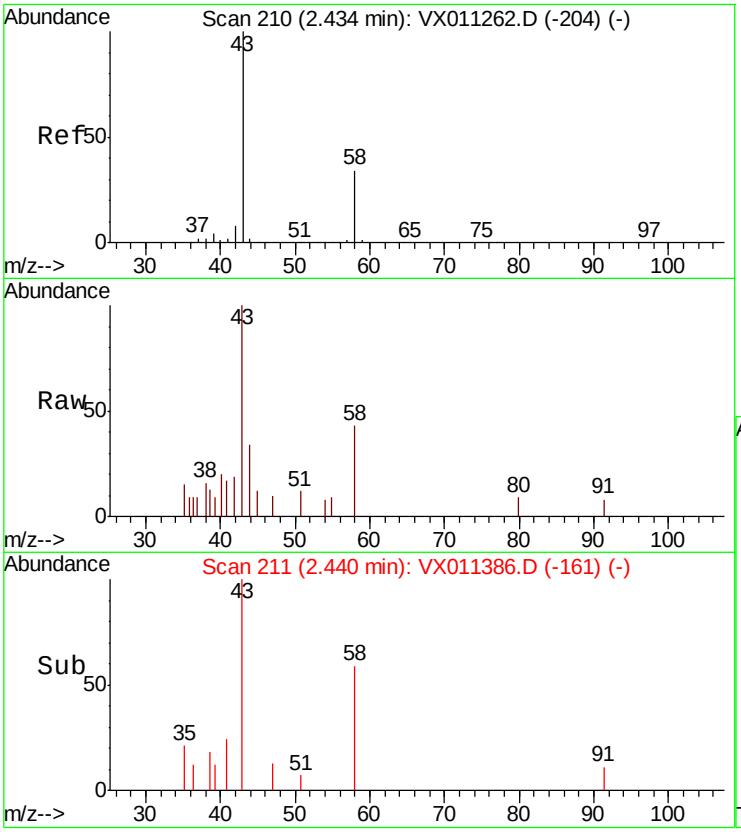


#15
Acrylonitrile
Concen: 0.306 ug/l
RT: 3.14 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX011386.D
Acq: 08 Aug 2019 12:55

Tgt Ion: 53 Resp: 216

Ion	Ratio	Lower	Upper
53	100		
52	0.0	65.5	98.3#
51	96.8	27.9	41.9#



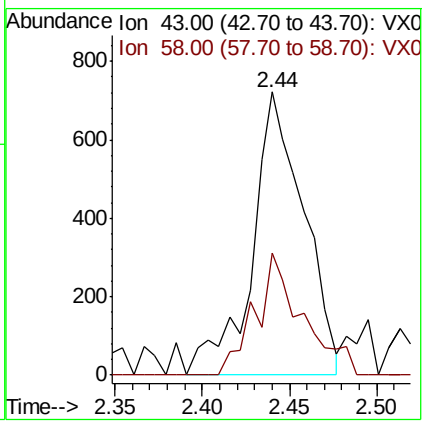


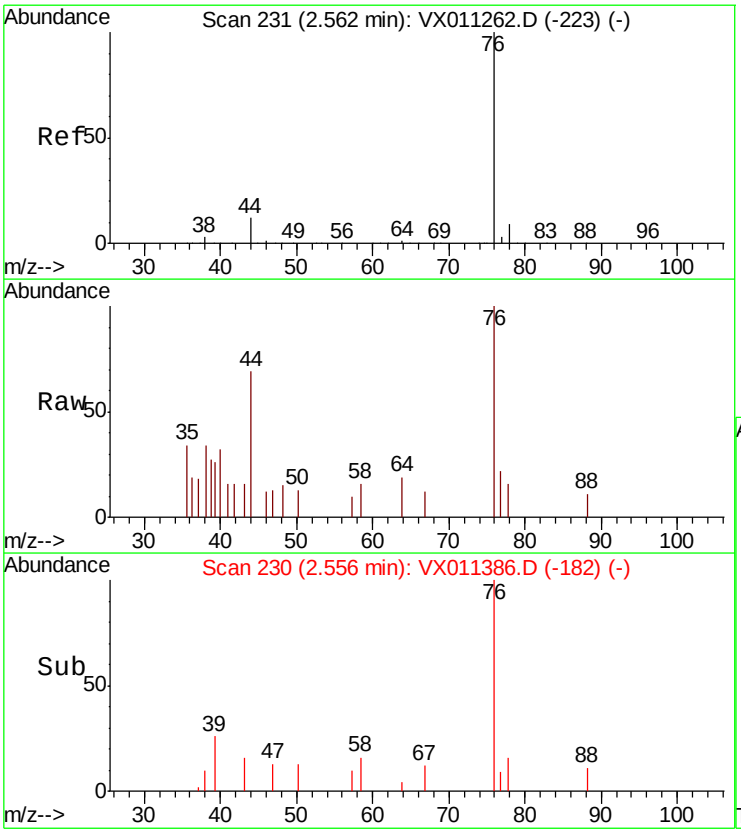
#16
Acetone
Concen: 2.112 ug/l
RT: 2.44 min Scan# 211
Delta R.T. 0.01 min
Lab File: VX011386.D
Acq: 08 Aug 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619DL

Tgt Ion: 43 Resp: 1489

Ion	Ratio	Lower	Upper
43	100		
58	42.9	27.4	41.0#

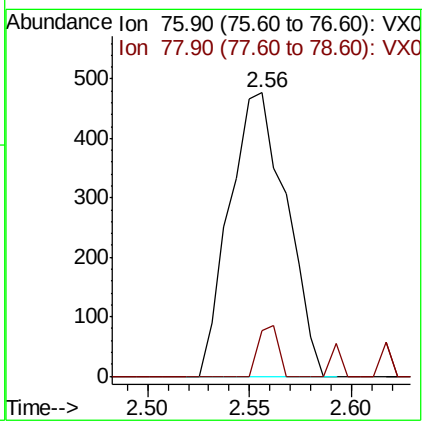


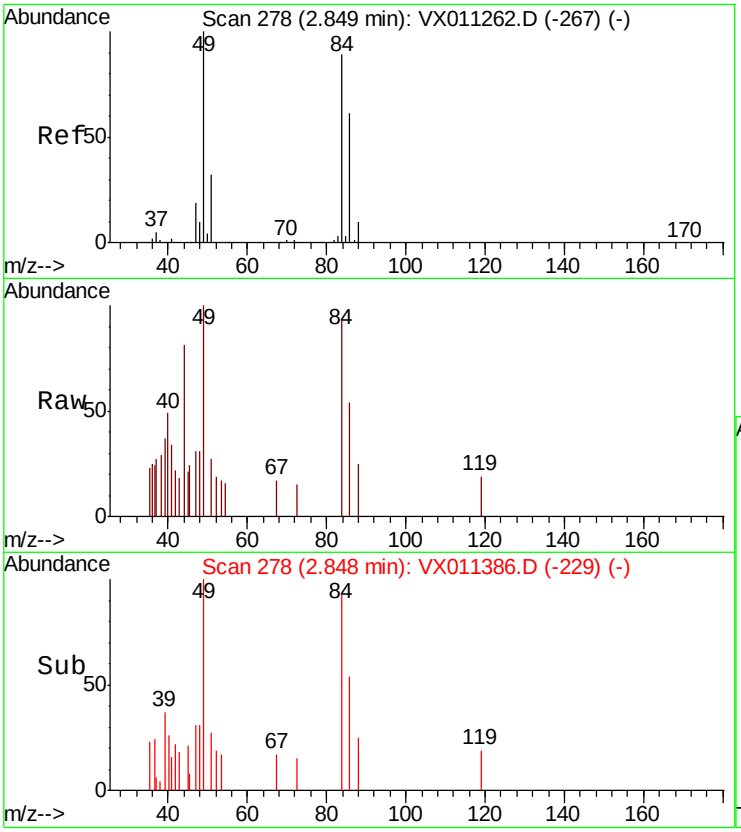


#17
Carbon Disulfide
Concen: 0.295 ug/l
RT: 2.56 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX011386.D
Acq: 08 Aug 2019 12:55

Tgt Ion: 76 Resp: 925

Ion	Ratio	Lower	Upper
76	100		
78	15.9	7.4	11.0#



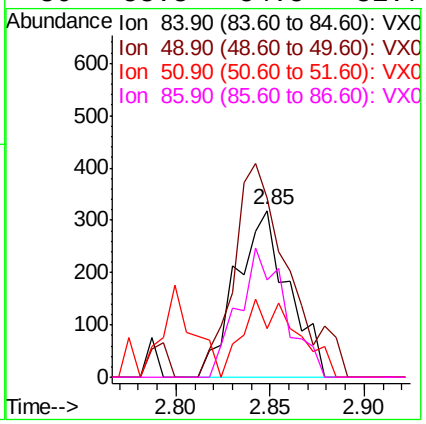


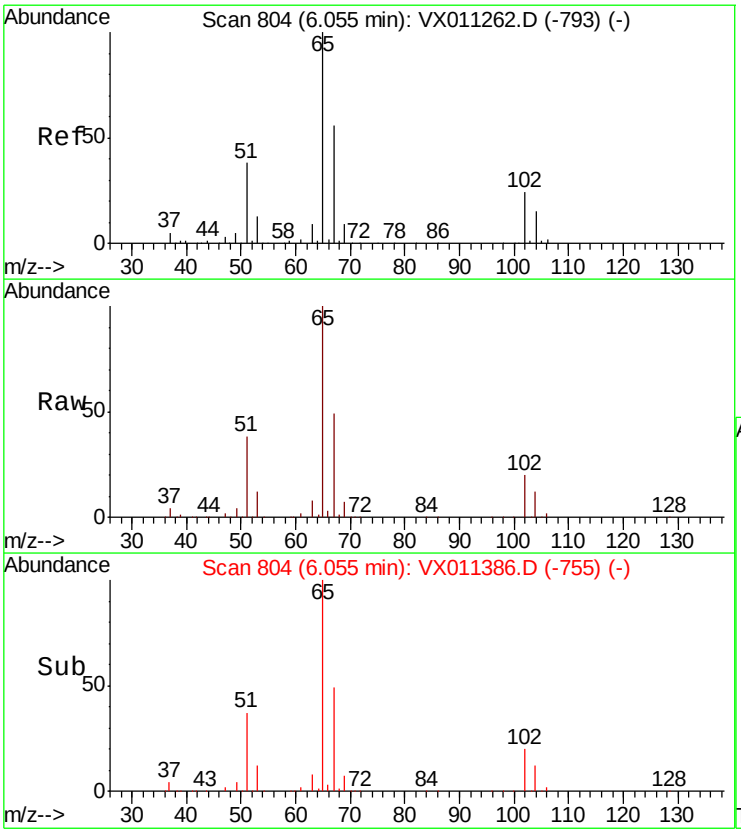
#20
Methylene Chloride
Concen: 0.396 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.00 min
Lab File: VX011386.D
Acq: 08 Aug 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619DL

Tgt Ion: 84 Resp: 612

Ion	Ratio	Lower	Upper
84	100		
49	107.2	89.3	133.9
51	29.2	28.3	42.5
86	58.3	54.5	81.7

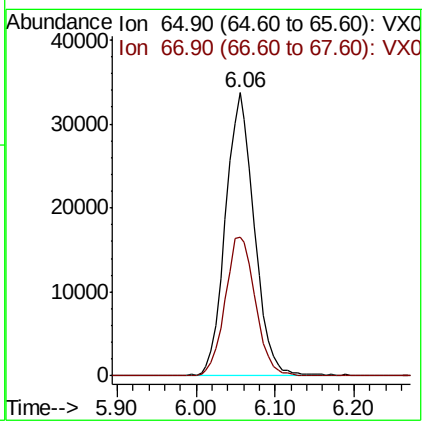


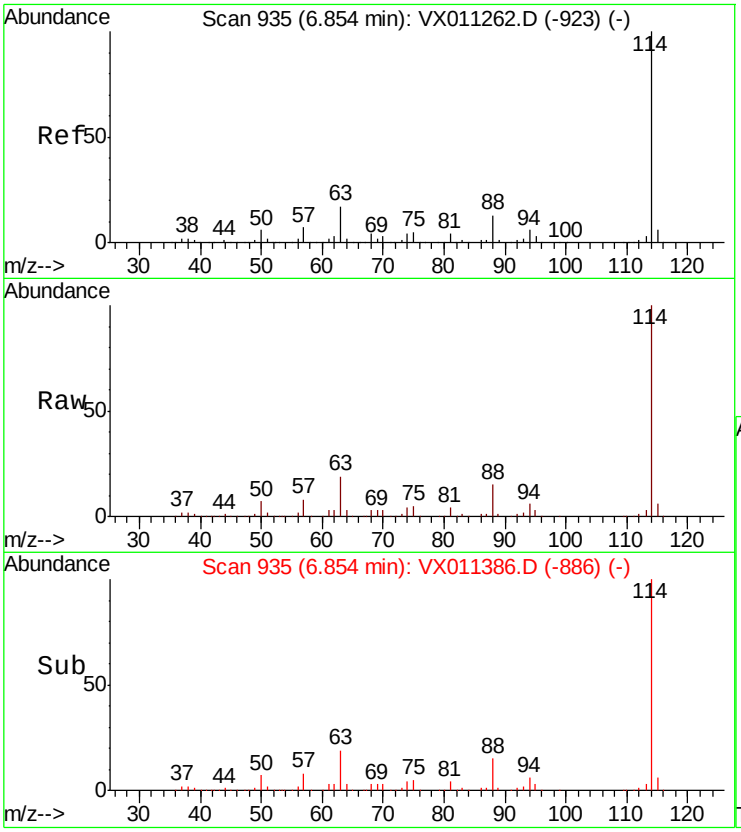


#33
1,2-Dichloroethane-d4
Concen: 57.792 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011386.D
Acq: 08 Aug 2019 12:55

Tgt Ion: 65 Resp: 85604

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	110.6



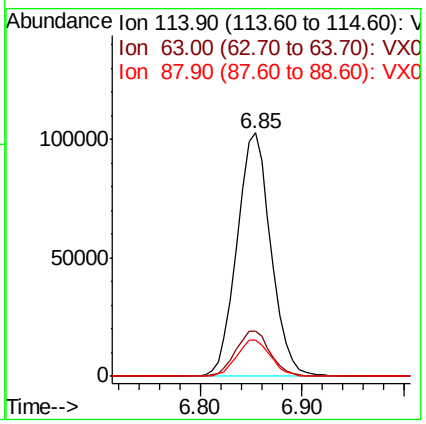


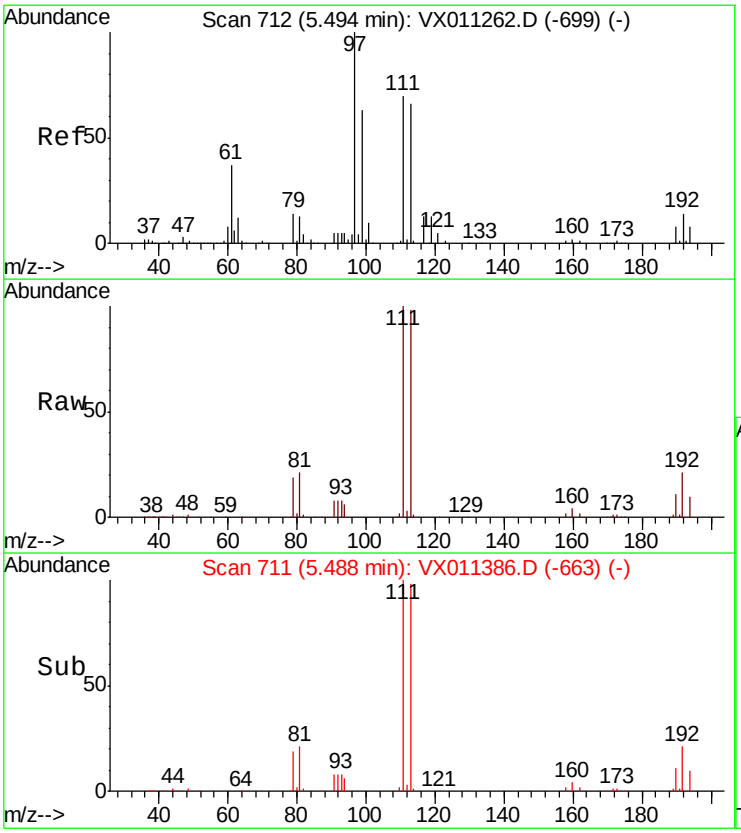
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.00 min
Lab File: VX011386.D
Acq: 08 Aug 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619DL

Tgt Ion:114 Resp: 237755

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	34.0
88	14.8	0.0	26.4

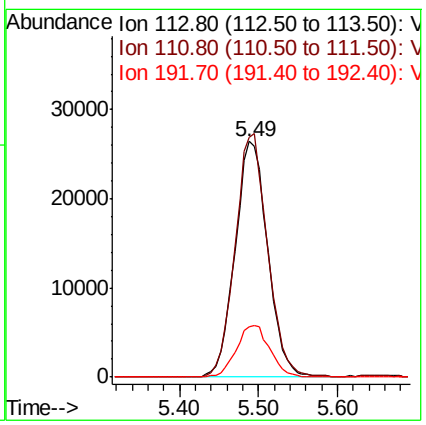


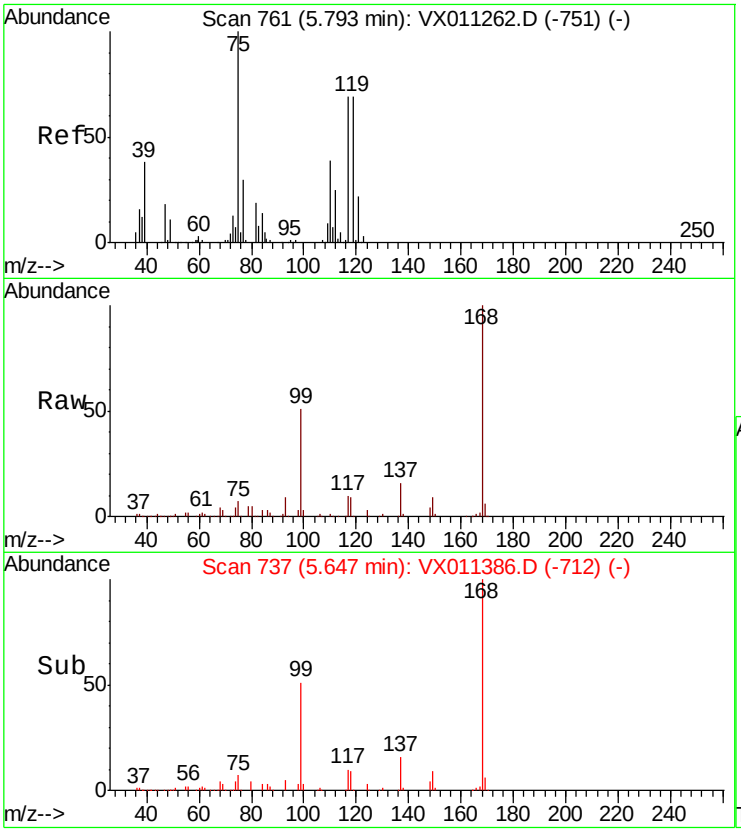


#35
Dibromofluoromethane
Concen: 49.048 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX011386.D
Acq: 08 Aug 2019 12:55

Tgt Ion:113 Resp: 76135

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.9	122.9
192	22.3	17.8	26.8



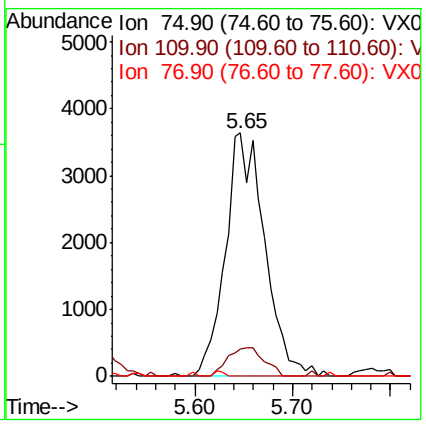


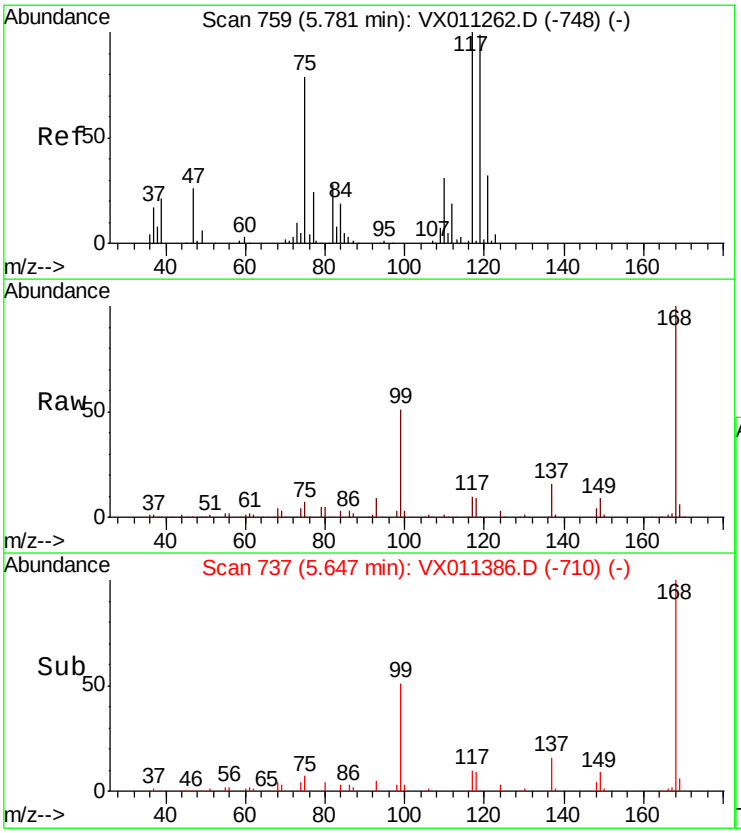
#36
1,1-Dichloropropene
Concen: 4.893 ug/l
RT: 5.65 min Scan# 737
Delta R.T. -0.15 min
Lab File: VX011386.D
Acq: 08 Aug 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619DL

Tgt Ion: 75 Resp: 10156

Ion	Ratio	Lower	Upper
75	100		
110	10.9	20.0	59.9#
77	0.0	24.8	37.2#

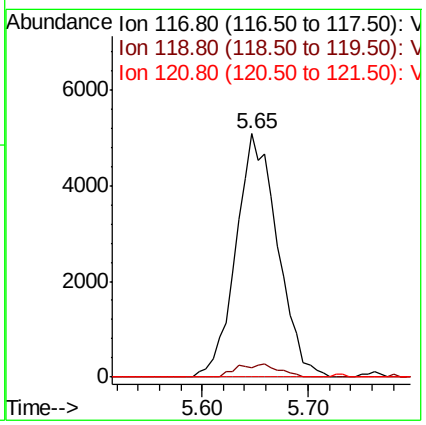


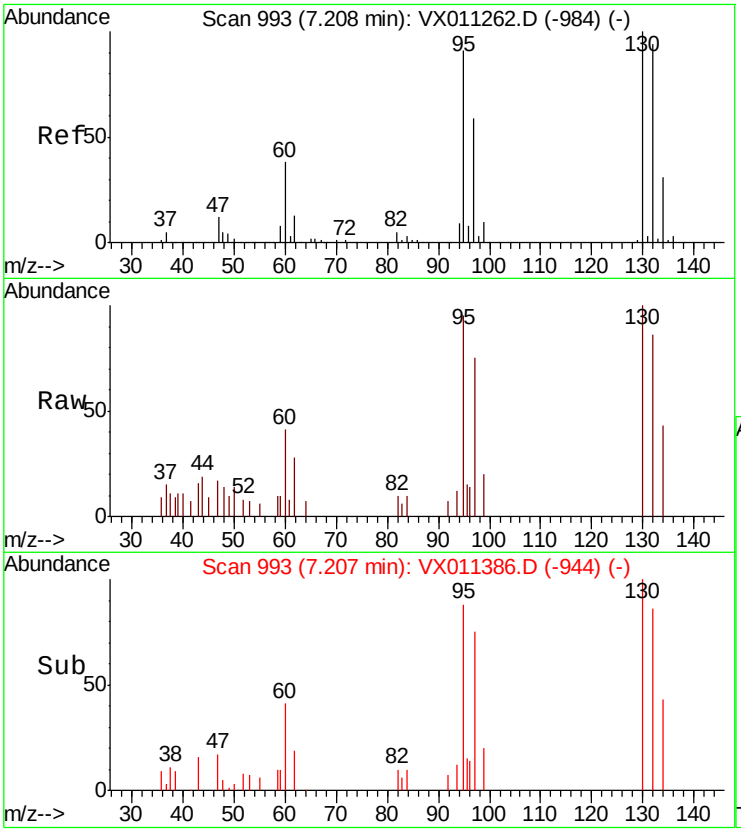


#38
Carbon Tetrachloride
Concen: 6.685 ug/l
RT: 5.65 min Scan# 737
Delta R.T. -0.13 min
Lab File: VX011386.D
Acq: 08 Aug 2019 12:55

Tgt Ion:117 Resp: 13962

Ion	Ratio	Lower	Upper
117	100		
119	3.8	79.0	118.4#
121	0.0	25.9	38.9#



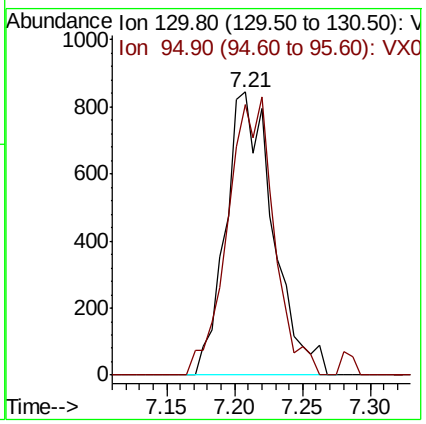


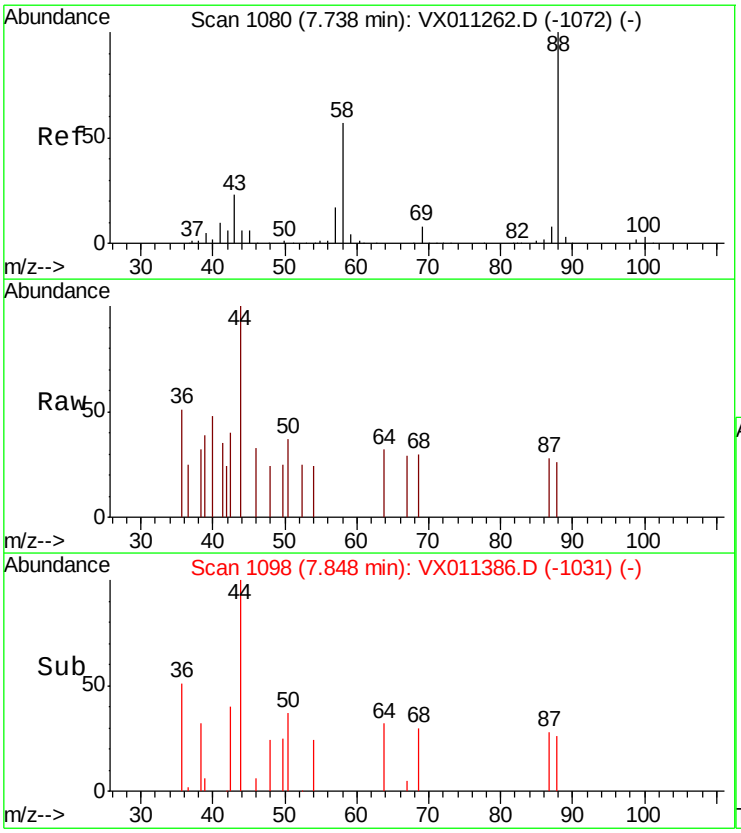
#44
Trichloroethene
Concen: 1.093 ug/l
RT: 7.21 min Scan# 993
Delta R.T. -0.00 min
Lab File: VX011386.D
Acq: 08 Aug 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619DL

Tgt Ion:130 Resp: 2050

Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	182.6

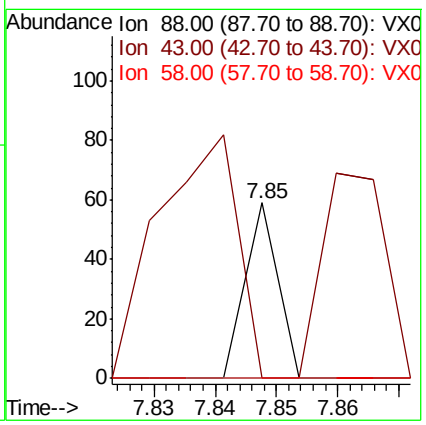


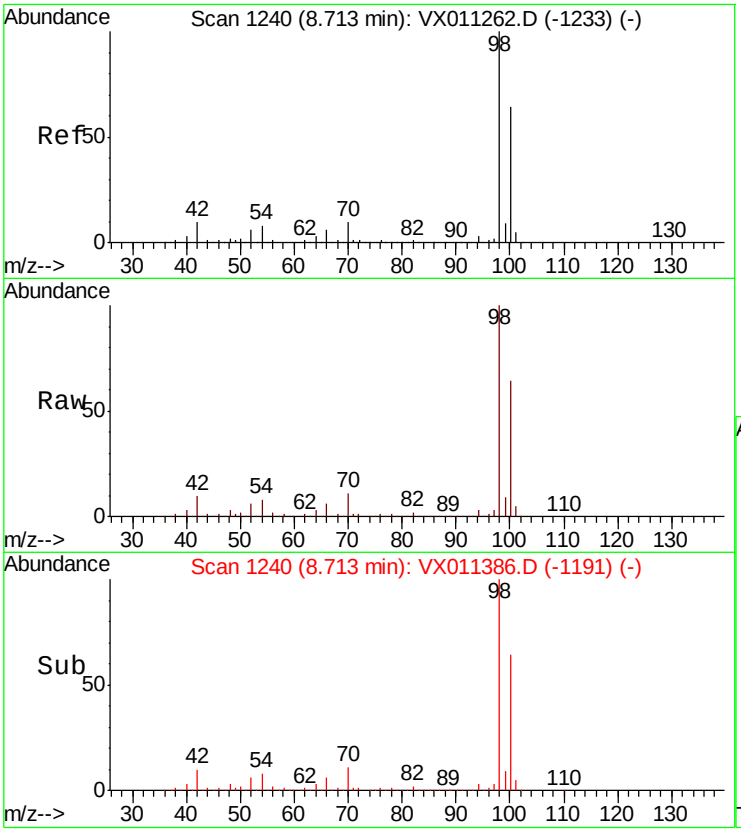


#49
1,4-Dioxane
Concen: 0.484 ug/l
RT: 7.85 min Scan# 1098
Delta R.T. 0.11 min
Lab File: VX011386.D
Acq: 08 Aug 2019 12:55

Tgt Ion: 88 Resp: 22

Ion	Ratio	Lower	Upper
88	100		
43	336.4	22.2	33.2#
58	0.0	47.8	71.8#



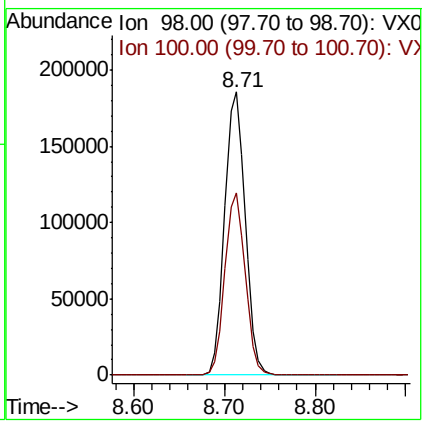


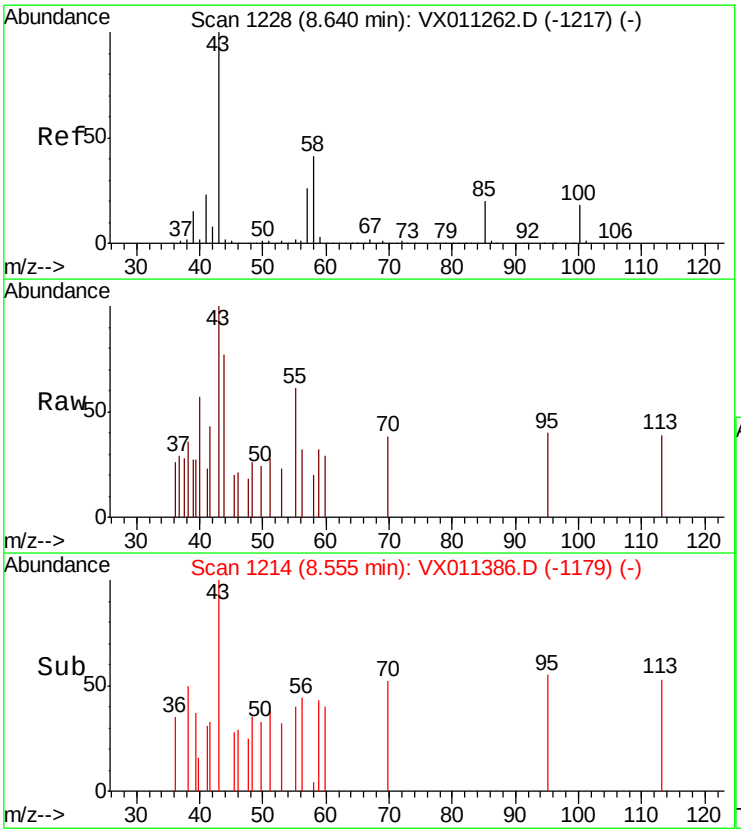
#50
Toluene-d8
Concen: 50.028 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011386.D
Acq: 08 Aug 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619DL

Tgt Ion: 98 Resp: 293127

Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.7	77.5

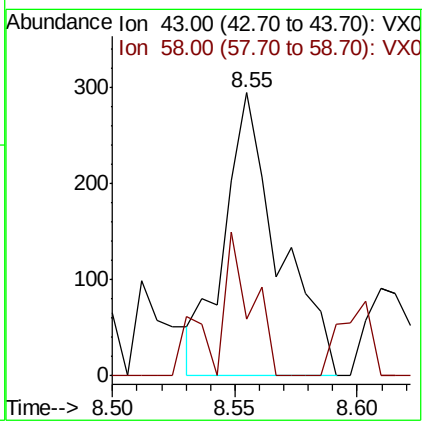


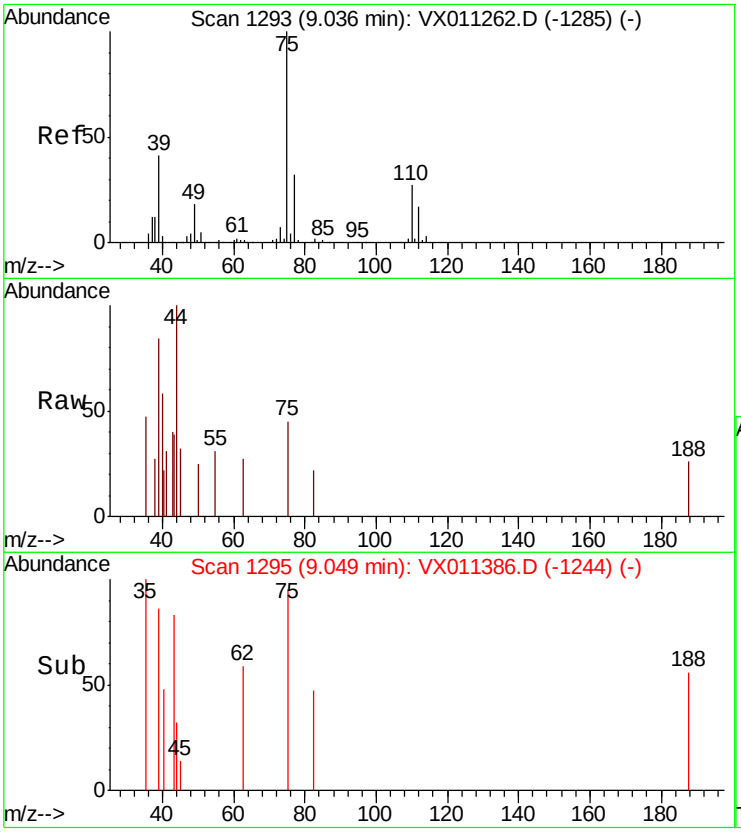


#51
4-Methyl-2-Pentanone
Concen: 0.212 ug/l
RT: 8.55 min Scan# 1214
Delta R.T. -0.09 min
Lab File: VX011386.D
Acq: 08 Aug 2019 12:55

Tgt Ion: 43 Resp: 456

Ion	Ratio	Lower	Upper
43	100		
58	33.3	32.3	48.5



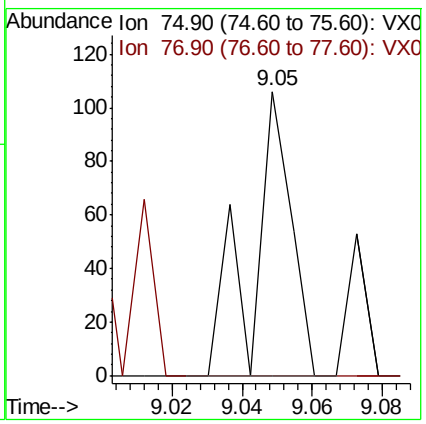


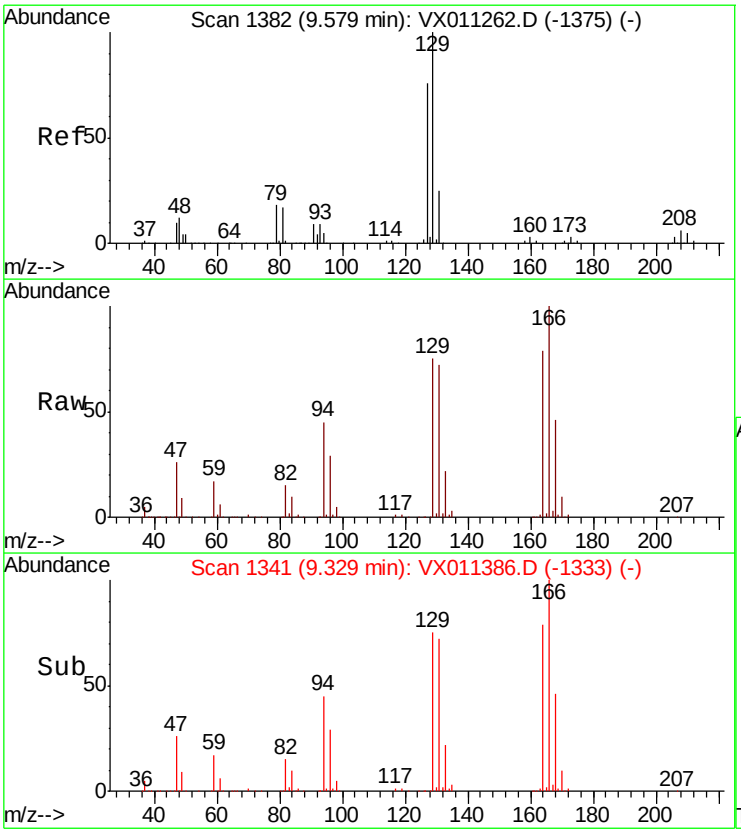
#53
t-1,3-Dichloropropene
Concen: 2.872 ug/l
RT: 9.05 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX011386.D
Acq: 08 Aug 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619DL

Tgt Ion: 75 Resp: 82

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#

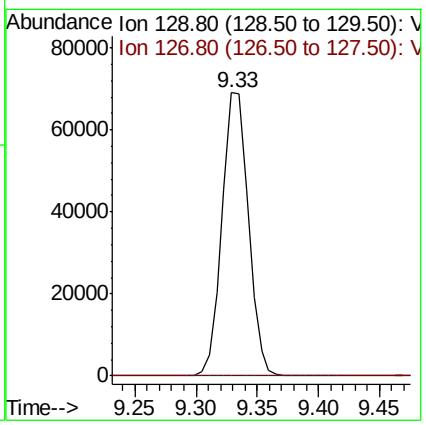


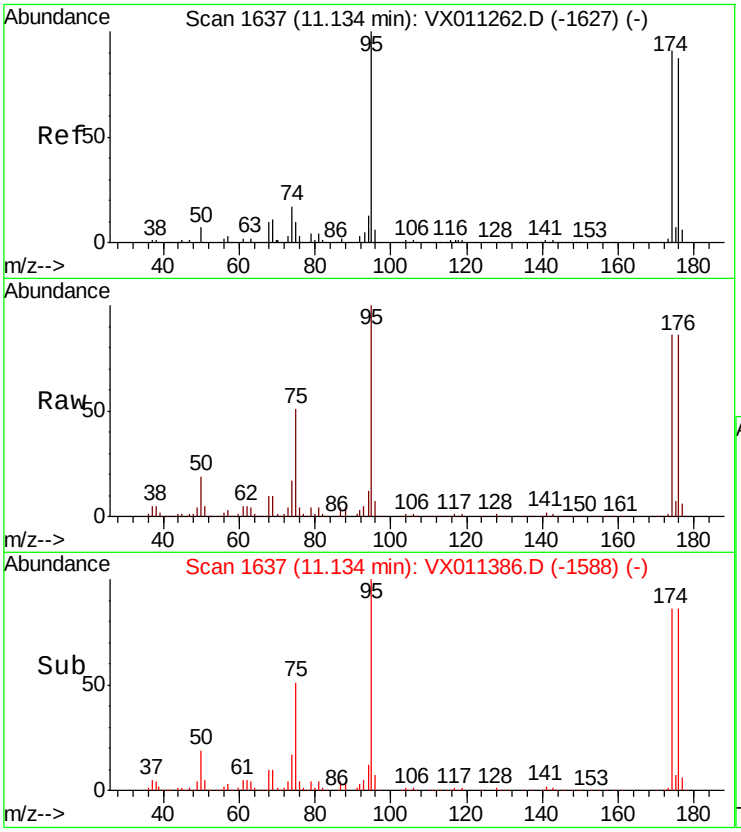


#60
Dibromochloromethane
Concen: 60.092 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.25 min
Lab File: VX011386.D
Acq: 08 Aug 2019 12:55

Tgt Ion:129 Resp: 103600

Ion	Ratio	Lower	Upper
129	100		
127	0.2	39.2	117.6#



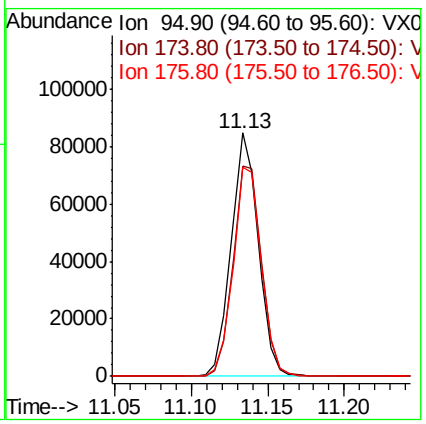


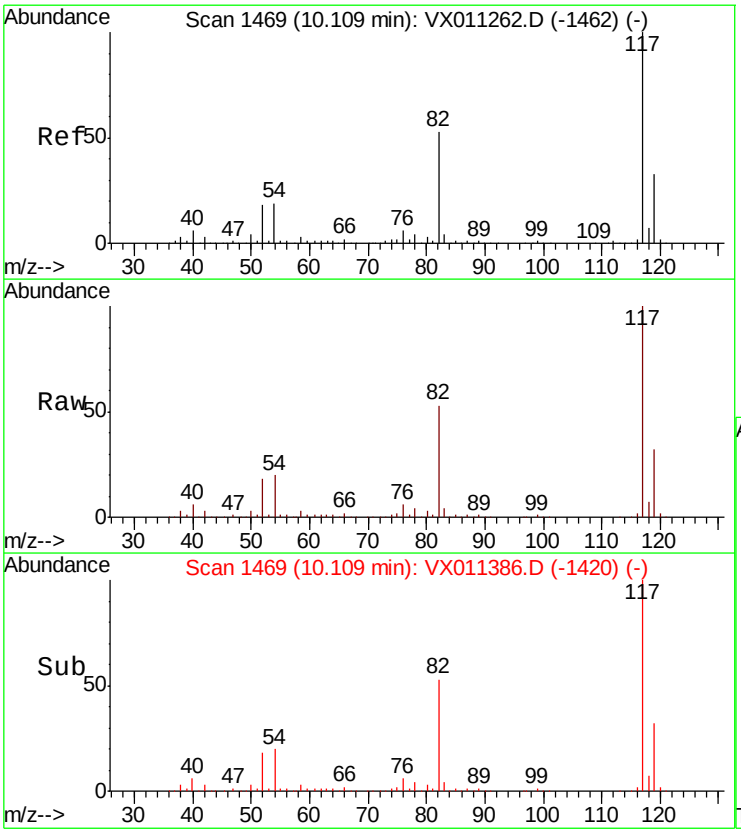
#62
4-Bromofluorobenzene
Concen: 49.813 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011386.D
Acq: 08 Aug 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619DL

Tgt Ion: 95 Resp: 104206

Ion	Ratio	Lower	Upper
95	100		
174	90.8	0.0	191.2
176	89.0	0.0	184.8

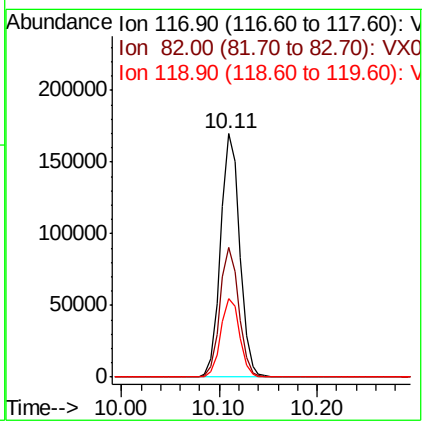


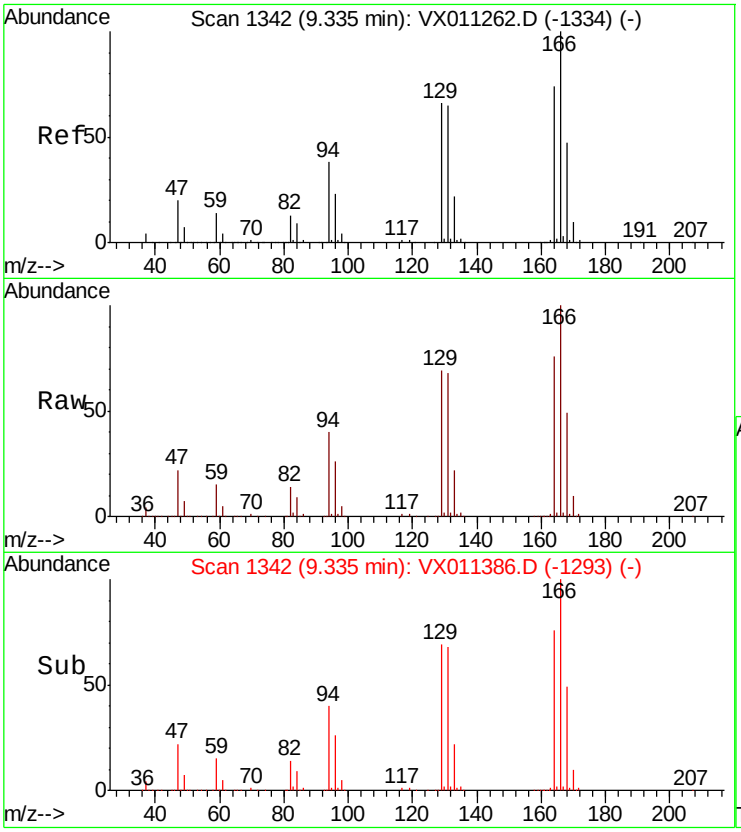


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011386.D
Acq: 08 Aug 2019 12:55

Tgt Ion:117 Resp: 230648

Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.2	63.2
119	32.5	26.6	39.8



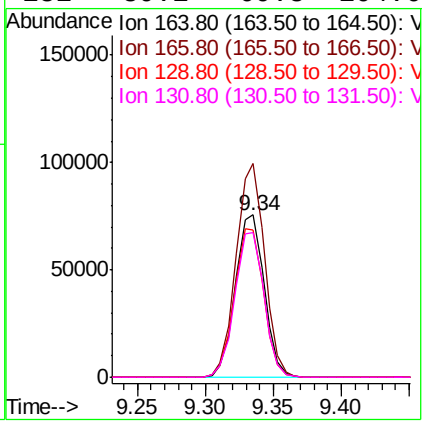


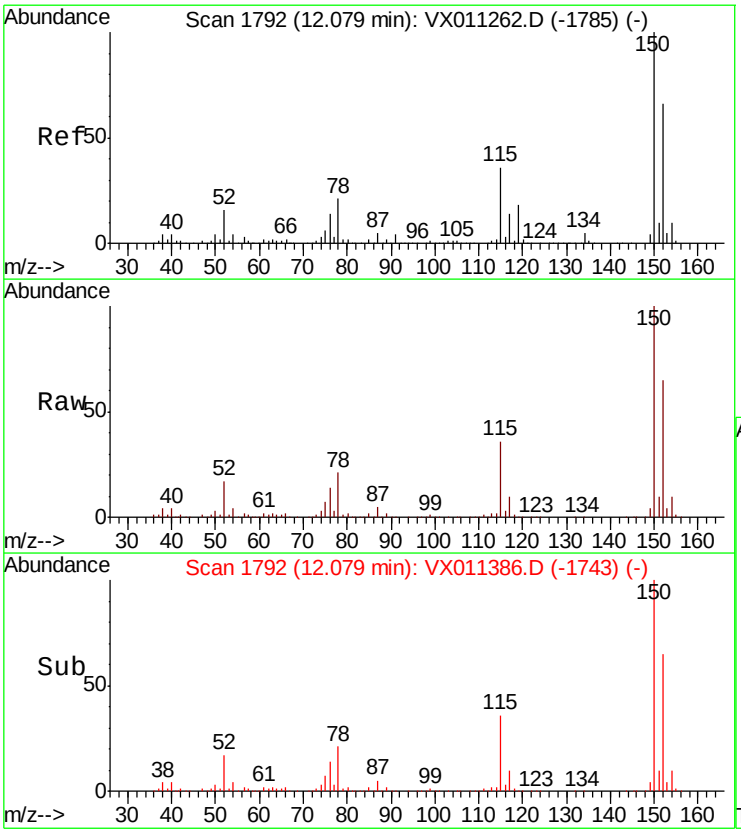
#64
Tetrachloroethene
Concen: 57.145 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011386.D
Acq: 08 Aug 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619DL

Tgt Ion:164 Resp: 111932

Ion	Ratio	Lower	Upper
164	100		
166	131.8	107.5	161.3
129	91.1	71.0	106.4
131	89.1	69.8	104.6

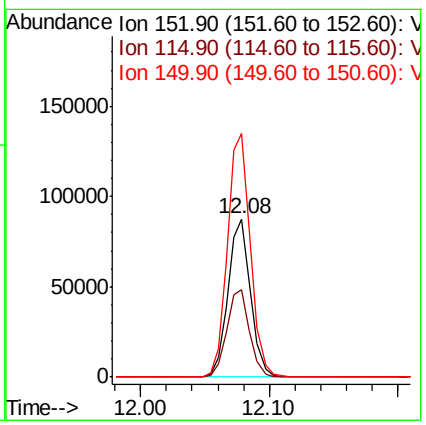


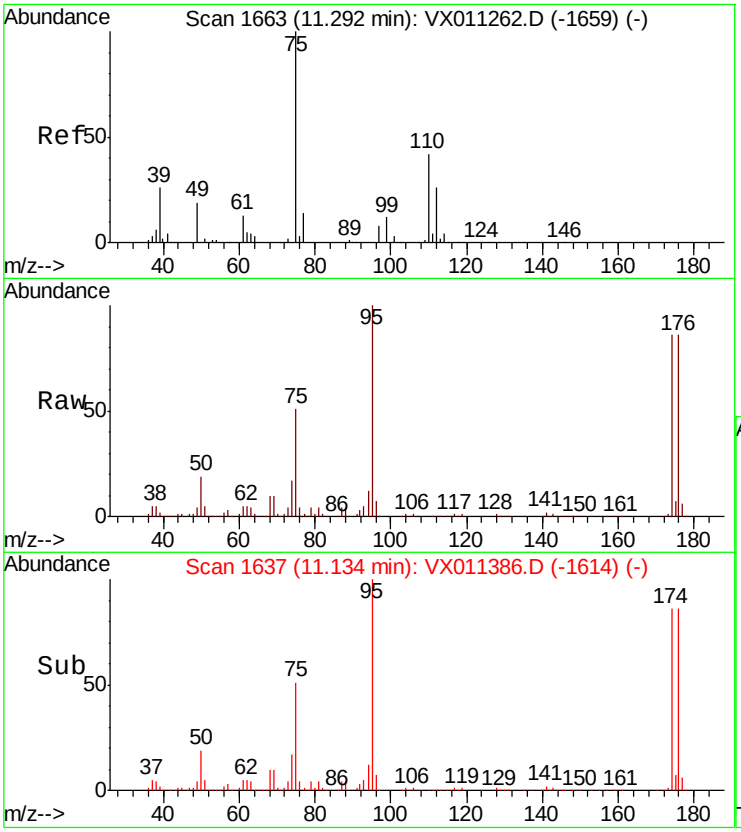


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011386.D
Acq: 08 Aug 2019 12:55

Tgt Ion:152 Resp: 107447

Ion	Ratio	Lower	Upper
152	100		
115	55.8	40.0	119.9
150	157.0	0.0	350.4



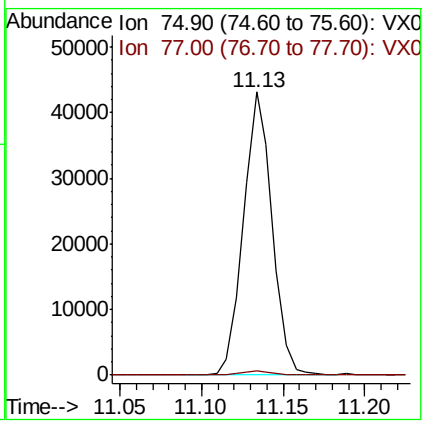


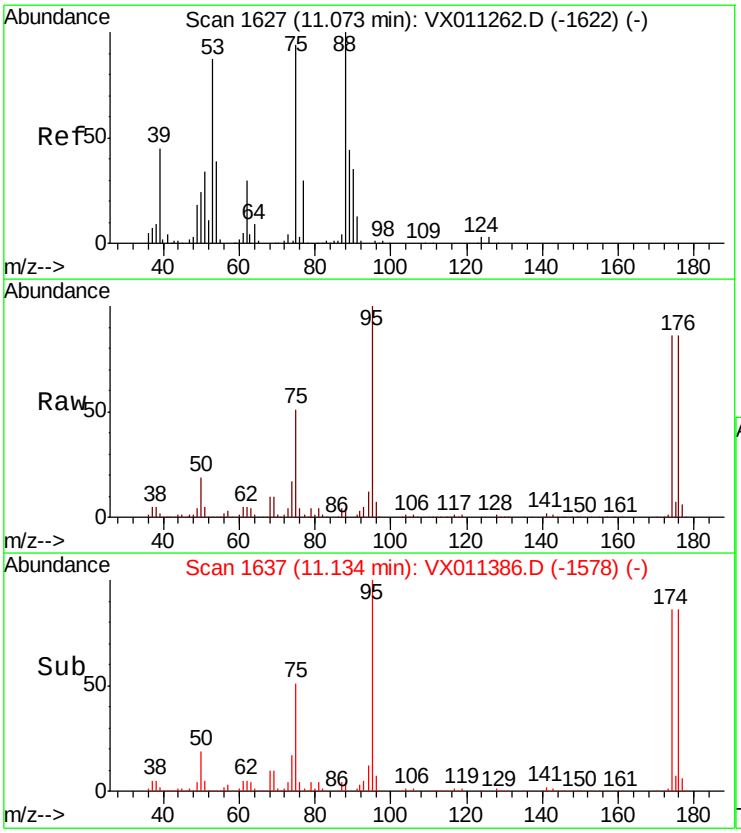
#76
1,2,3-Trichloropropane
Concen: 26.988 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX011386.D
Acq: 08 Aug 2019 12:55

Instrument :
MSVOA_X
ClientSampleId :
MW-28B_080619DL

Tgt Ion: 75 Resp: 52809

Ion	Ratio	Lower	Upper
75	100		
77	1.5	21.1	63.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.068 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX011386.D
Acq: 08 Aug 2019 12:55

Tgt Ion: 75 Resp: 52809

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.2	117.4#
89	0.0	37.9	56.9#