

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111520\
 Data File : VW017237.D
 Acq On : 15 Nov 2020 14:52
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK17

Quant Time: Nov 16 09:56:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 16 09:47:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	437733	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	400988	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	198830	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	116652	21.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.64%
7) Chloroethane-d5	2.89	69	100337	23.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.48%
10) 1,1-Dichloroethene-d2	4.03	63	173573	17.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.40%
20) 2-Butanone-d5	7.08	46	55879	45.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.64%
24) Chloroform-d	7.65	84	273509	26.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.08%
26) 1,2-Dichloroethane-d4	8.43	65	192	0.04	ug/L	0.12
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.16%#
29) Benzene-d6	8.27	84	519107	25.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.68%
33) 1,2-Dichloropropane-d6	9.27	67	147396	26.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.40%
37) Toluene-d8	10.32	98	500286	25.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.92%
38) trans-1,3-Dichloropropene-	10.58	79	61757	24.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.00%
39) 2-Hexanone-d5	10.93	63	49562	50.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119947	24.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	210646	30.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	120.28%#

Target Compounds

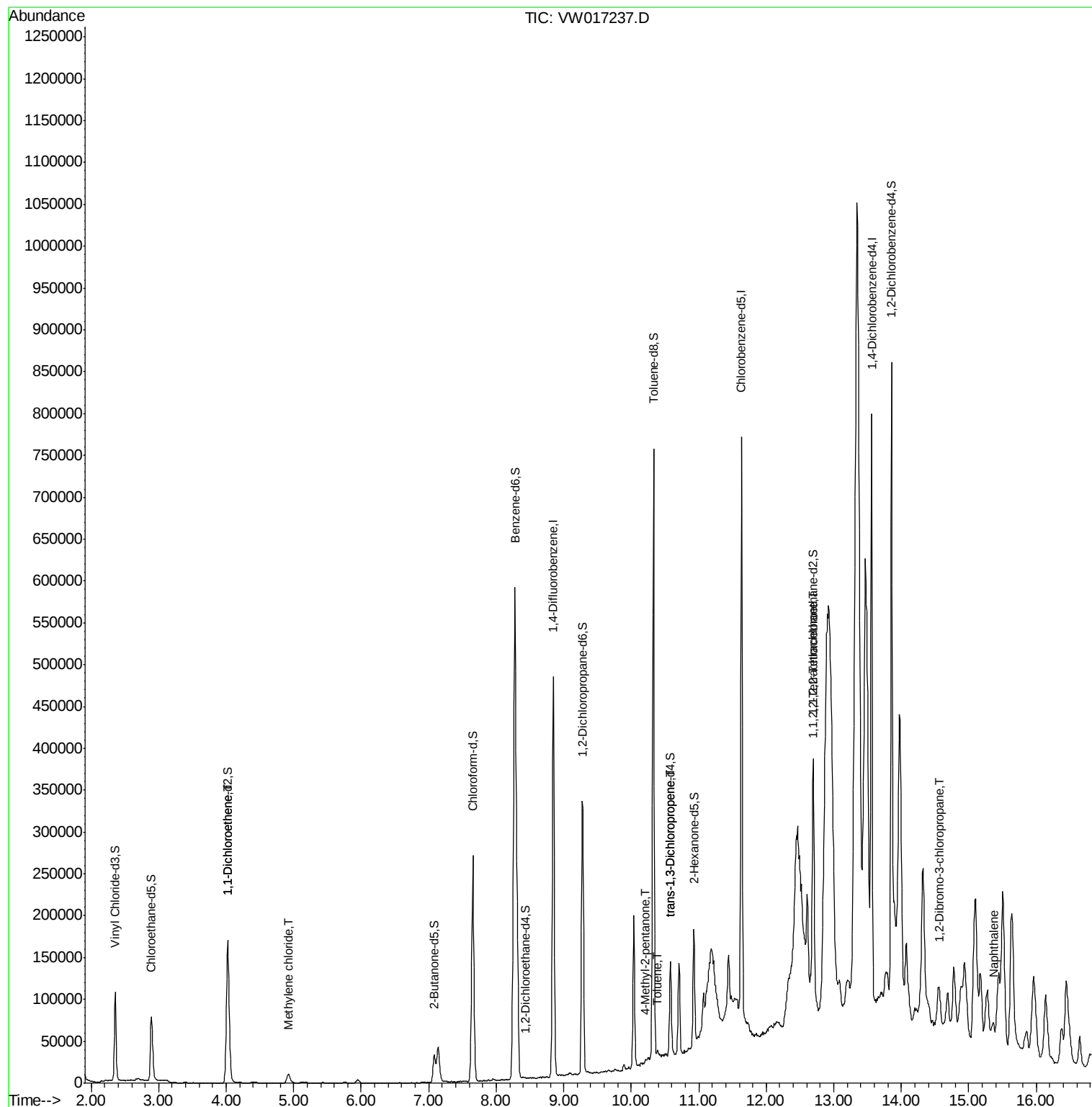
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.03	96	1821	0.335	ug/L #	1
16) Methylene chloride	4.93	84	8984	1.522	ug/L	85
43) 4-Methyl-2-pentanone	10.22	43	2841	0.936	ug/L	98
44) Toluene	10.39	91	5464	0.236	ug/L	88
45) trans-1,3-Dichloropropene	10.58	75	3649	0.545	ug/L #	57
58) 1,1,2,2-Tetrachloroethane	12.68	83	2263	0.462	ug/L #	49
66) 1,2-Dibromo-3-chloropropan	14.56	75	1318	1.787	ug/L #	1
69) Naphthalene	15.37	128	6111	0.457	ug/L #	87

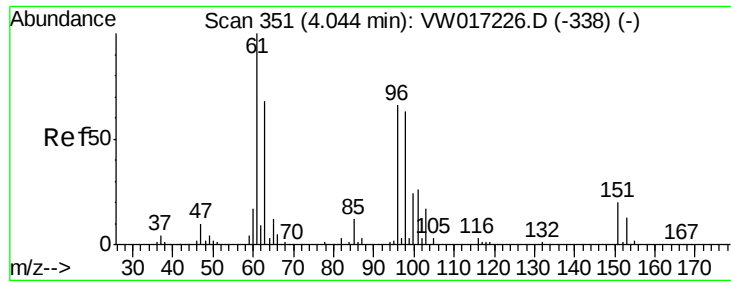
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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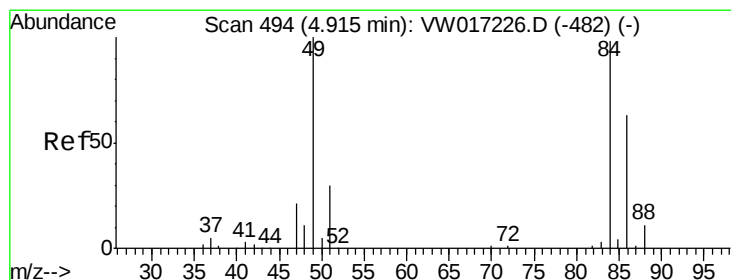
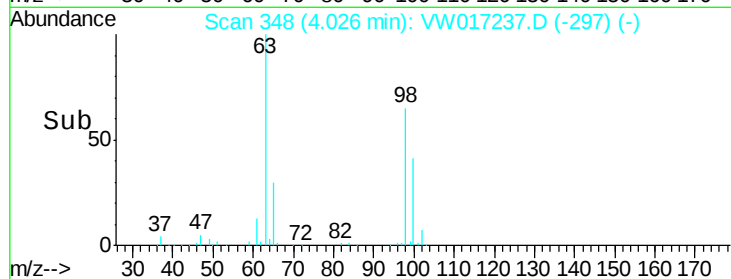
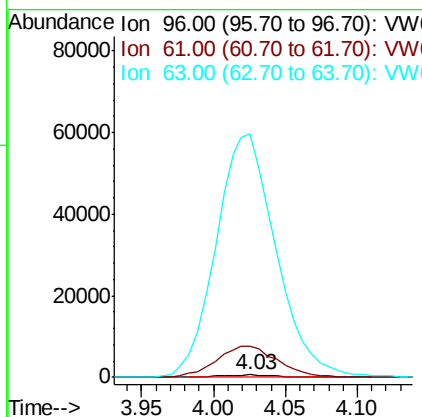
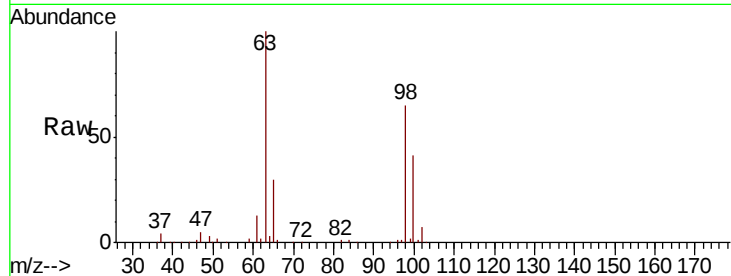




#12
 1,1-Dichloroethene
 Concen: 0.335 ug/L
 RT: 4.03 min Scan# 348
 Delta R.T. -0.02 min
 Lab File: VW017237.D
 Acq: 15 Nov 2020 14:52

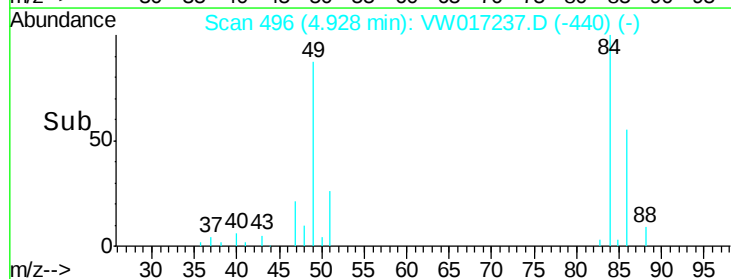
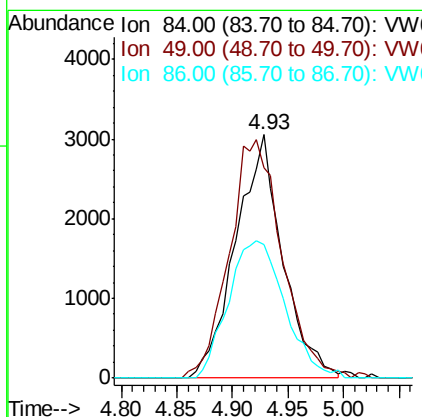
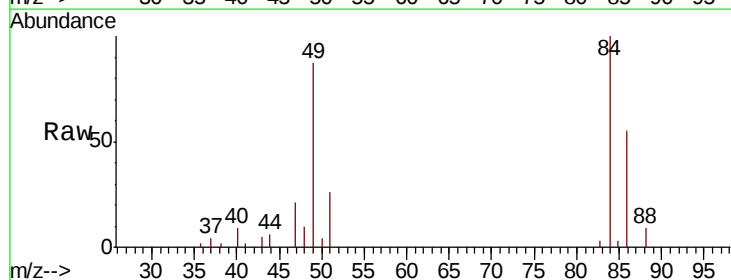
Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK17

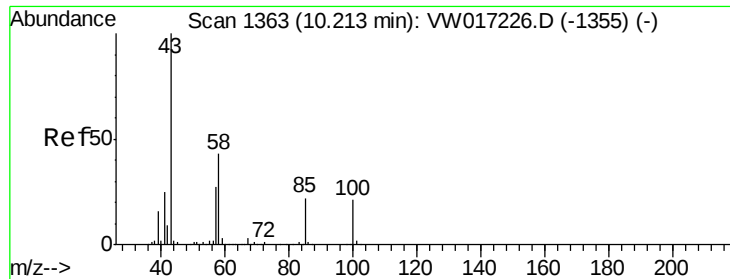
Tot Ion: 96 Resp: 1821
 Ion Ratio Lower Upper
 96 100
 61 1209.1 103.8 192.8#
 63 9548.8 84.4 156.7#



#16
 Methylene chloride
 Concen: 1.522 ug/L
 RT: 4.93 min Scan# 496
 Delta R.T. 0.01 min
 Lab File: VW017237.D
 Acq: 15 Nov 2020 14:52

Tgt Ion: 84 Resp: 8984
 Ion Ratio Lower Upper
 84 100
 49 86.5 72.3 134.3
 86 54.7 45.1 83.7





#43

4-Methyl-2-pentanone

Concen: 0.936 ug/L

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW017237.D

Acq: 15 Nov 2020 14:52

Instrument :

MSVOA_W

ClientSampleId :

VIBLK17

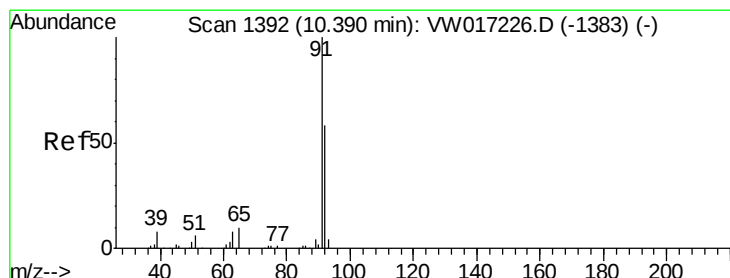
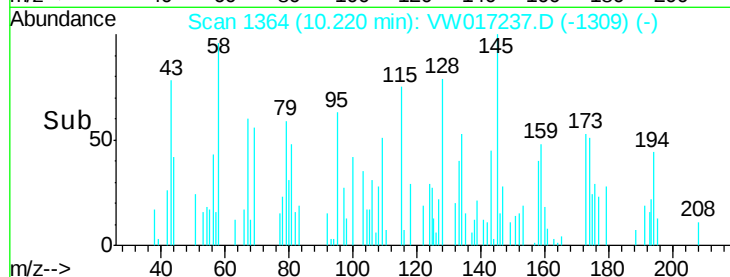
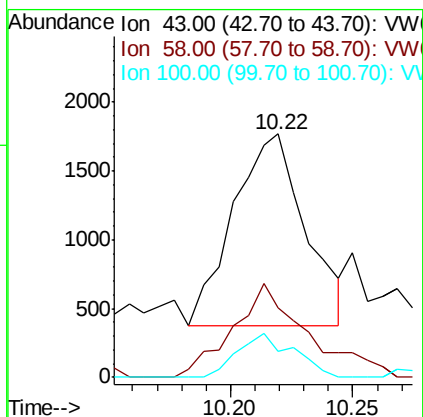
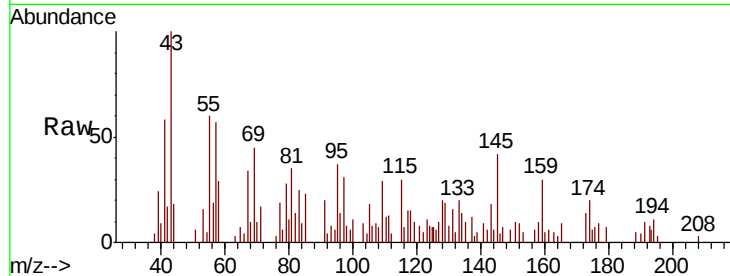
Tot Ion: 43 Resp: 2841

Ion Ratio Lower Upper

43 100

58 43.5 35.0 52.6

100 17.9 16.6 24.8



#44

Toluene

Concen: 0.236 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW017237.D

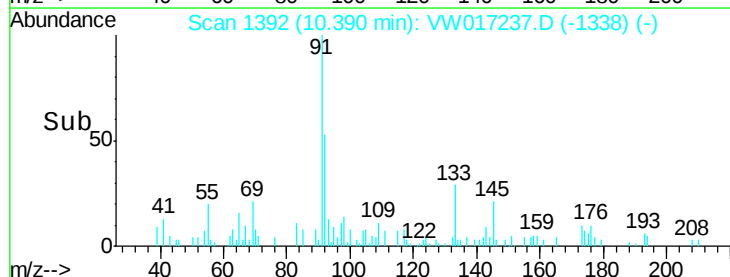
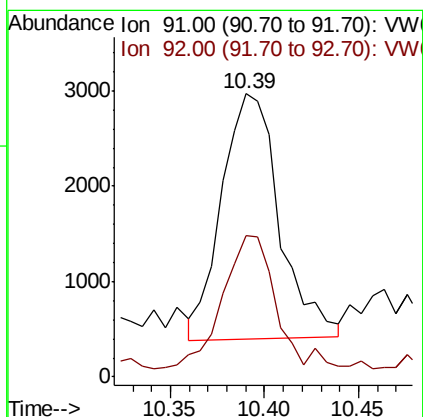
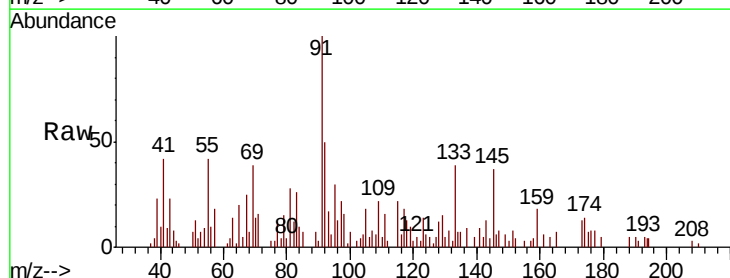
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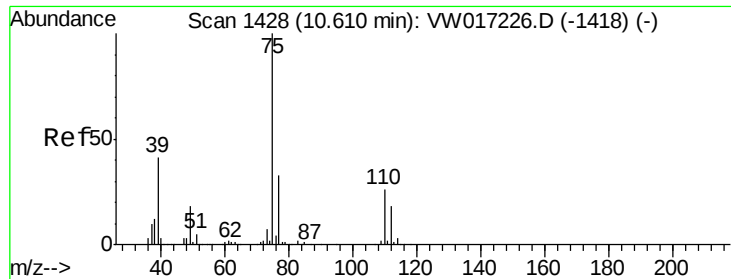
Tgt Ion: 91 Resp: 5464

Ion Ratio Lower Upper

91 100

92 49.8 41.4 76.8





#45

trans-1,3-Dichloropropene

Concen: 0.545 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017237.D

Acq: 15 Nov 2020 14:52

Instrument :

MSVOA_W

ClientSampleId :

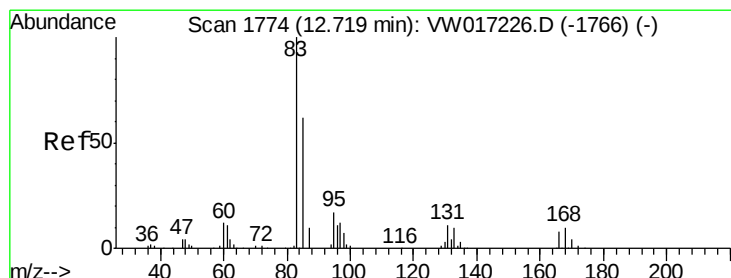
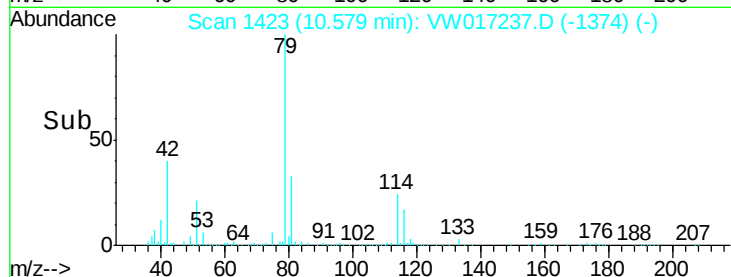
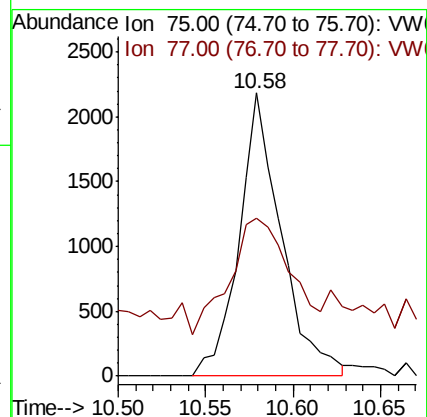
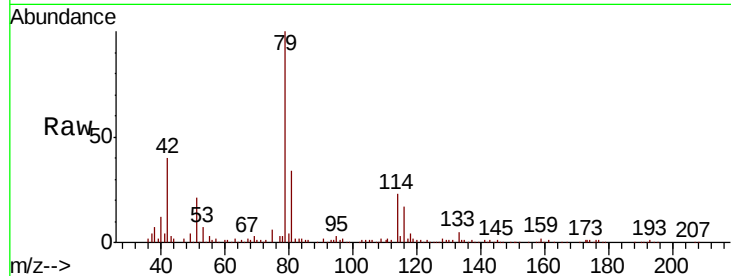
VIBLK17

Tot Ion: 75 Resp: 3649

Ion Ratio Lower Upper

75 100

77 55.7 22.1 41.1#



#58

1,1,2,2-Tetrachloroethane

Concen: 0.462 ug/L

RT: 12.68 min Scan# 1768

Delta R.T. -0.04 min

Lab File: VW017237.D

Acq: 15 Nov 2020 14:52

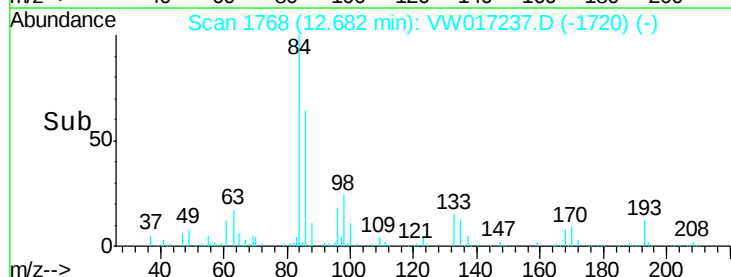
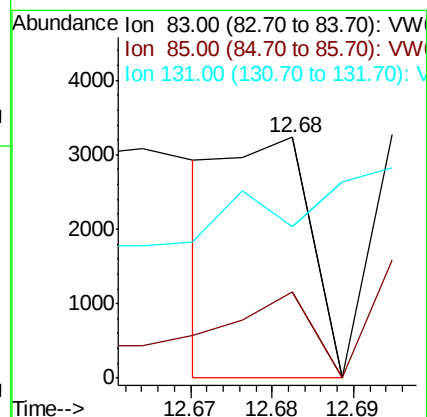
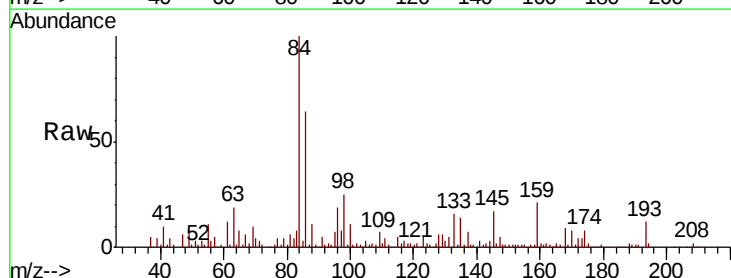
Tgt Ion: 83 Resp: 2263

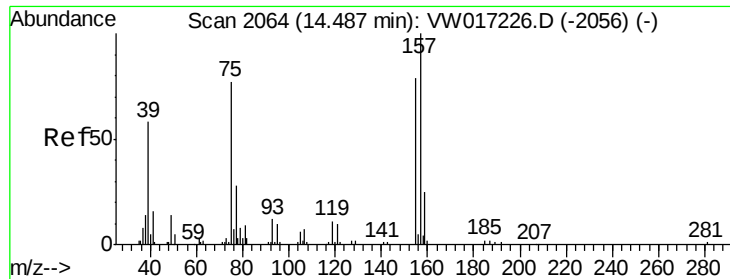
Ion Ratio Lower Upper

83 100

85 35.5 44.9 83.5#

131 63.1 8.8 13.2#

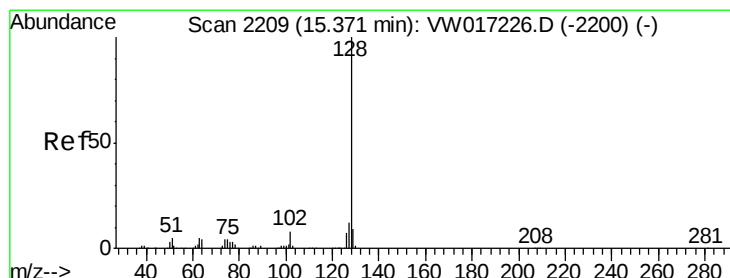
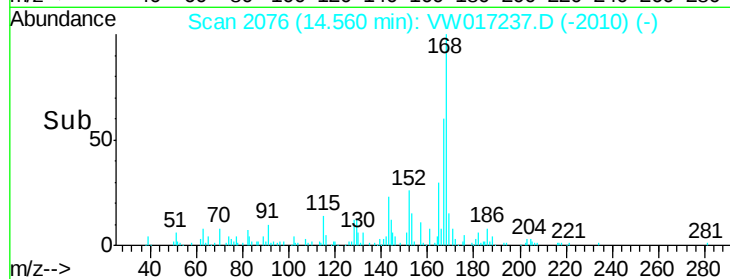
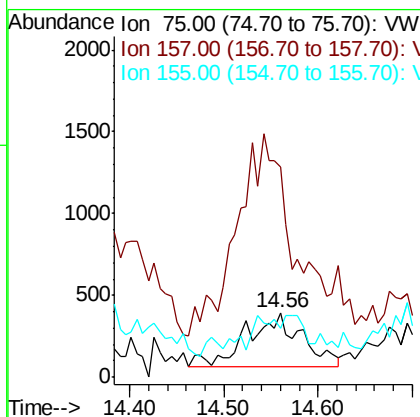
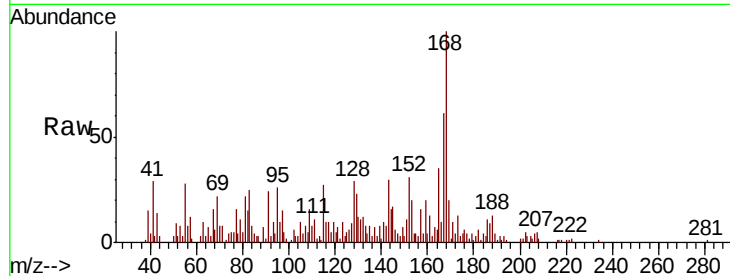




#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.787 ug/L
 RT: 14.56 min Scan# 2076
 Delta R.T. 0.07 min
 Lab File: VW017237.D
 Acq: 15 Nov 2020 14:52

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 VIBLK17

Tot Ion: 75 Resp: 1318
 Ion Ratio Lower Upper
 75 100
 157 323.7 108.2 162.4#
 155 76.0 79.1 118.7#



#69
 Naphthalene
 Concen: 0.457 ug/L
 RT: 15.37 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VW017237.D
 Acq: 15 Nov 2020 14:52

Tgt Ion: 128 Resp: 6111
 Ion Ratio Lower Upper
 128 100
 129 5.7 8.6 12.8#
 127 7.9 10.2 15.2#

