

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111120\
 Data File : VW017157.D
 Acq On : 11 Nov 2020 12:05
 Operator : SY/VA
 Sample : L4693-05
 Misc : 6.21G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4D5

Quant Time: Nov 12 03:15:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 03:07:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	499819	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	455071	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	210716	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	137527	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.36%
7) Chloroethane-d5	2.90	69	117760	24.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.08%
10) 1,1-Dichloroethene-d2	4.02	63	189140	16.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.20%
20) 2-Butanone-d5	7.09	46	43589	30.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.92%
24) Chloroform-d	7.65	84	268251	22.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.96%
26) 1,2-Dichloroethane-d4	8.31	65	127873	22.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.16%
29) Benzene-d6	8.28	84	535747	23.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.48%
33) 1,2-Dichloropropane-d6	9.28	67	145315	22.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.68%
37) Toluene-d8	10.33	98	514713	23.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.24%
38) trans-1,3-Dichloropropene-	10.58	79	54144	18.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.96%
39) 2-Hexanone-d5	10.93	63	34329	30.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	101735	18.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	177412	23.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.60%

Target Compounds

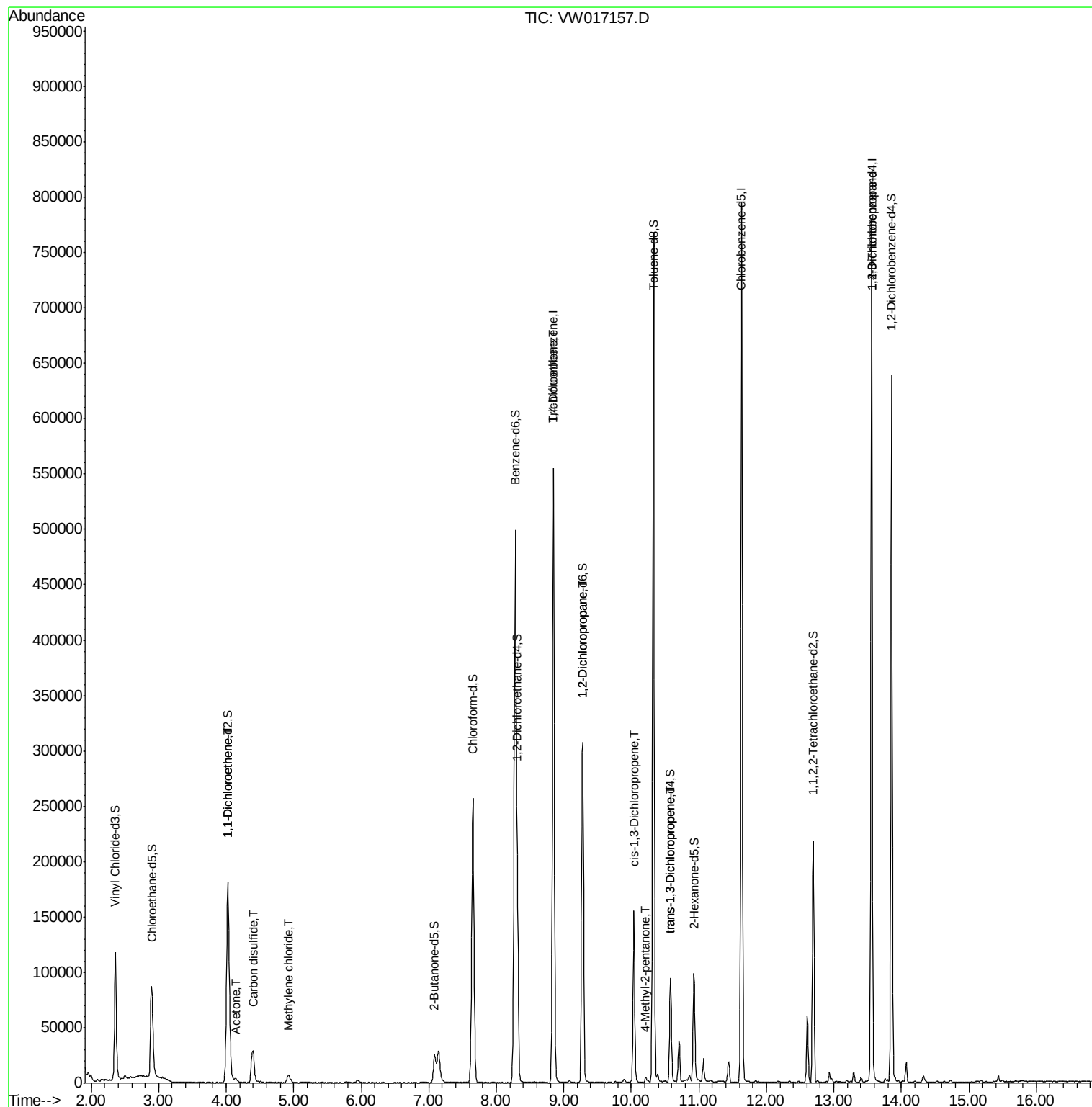
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.03	96	1723	0.278	ug/L #	1
13) Acetone	4.15	43	5698	6.045	ug/L	92
14) Carbon disulfide	4.40	76	70109	4.153	ug/L	95
16) Methylene chloride	4.92	84	6300	0.935	ug/L	88
35) Trichloroethene	8.85	95	14983	2.238	ug/L #	2
40) 1,2-Dichloropropane	9.28	63	16035	2.871	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	4026	0.455	ug/L #	81
43) 4-Methyl-2-pentanone	10.21	43	3576	1.038	ug/L #	80
45) trans-1,3-Dichloropropene	10.59	75	2447	0.322	ug/L #	81
59) 1,2,3-Trichloropropane	13.56	75	22242	5.562	ug/L	93

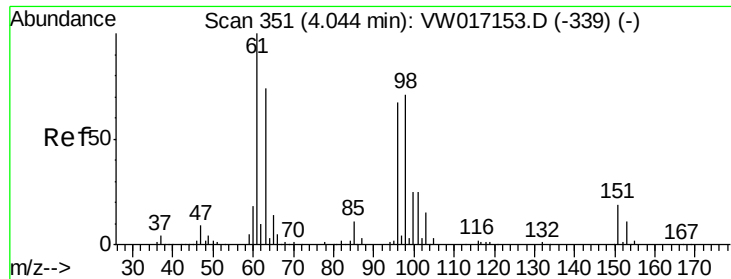
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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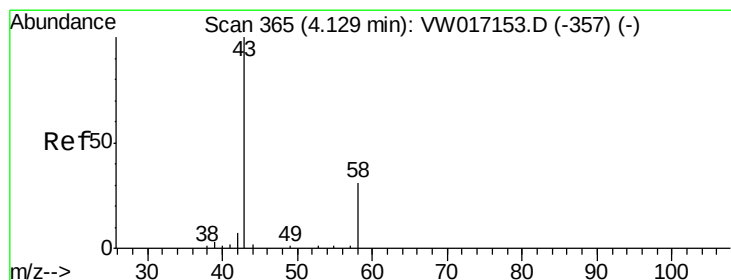
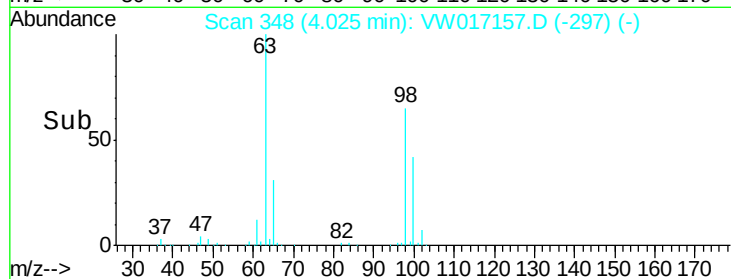
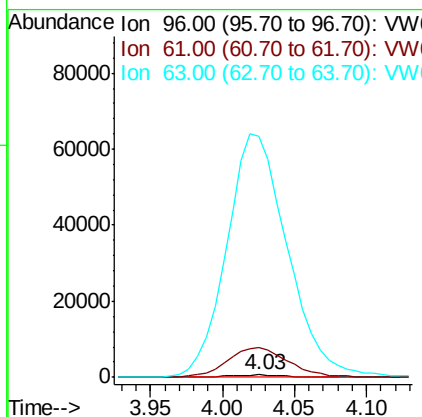
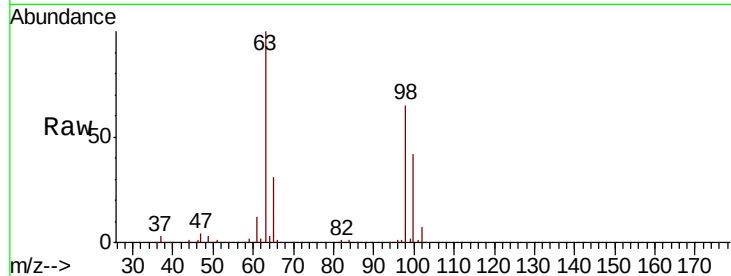




#12
 1,1-Dichloroethene
 Concen: 0.278 ug/L
 RT: 4.03 min Scan# 348
 Delta R.T. -0.02 min
 Lab File: VW017157.D
 Acq: 11 Nov 2020 12:05

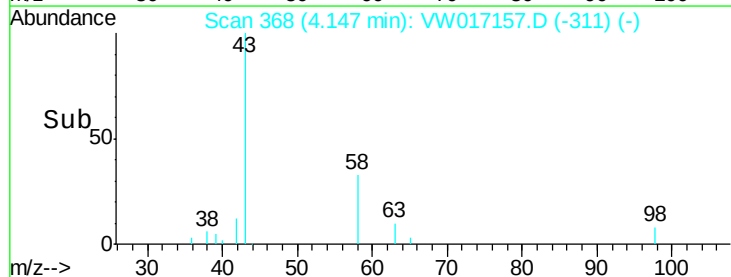
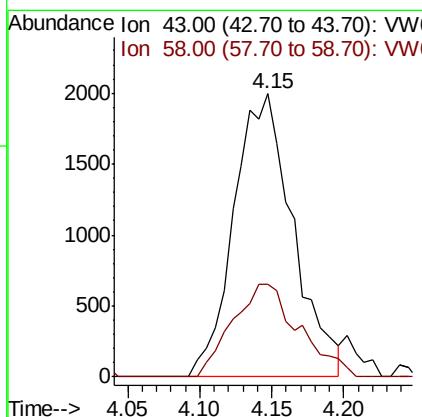
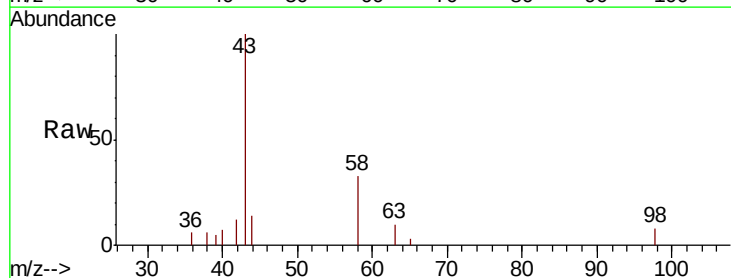
Instrument :
 MSVOA_W
 ClientSampled :
 BG4D5

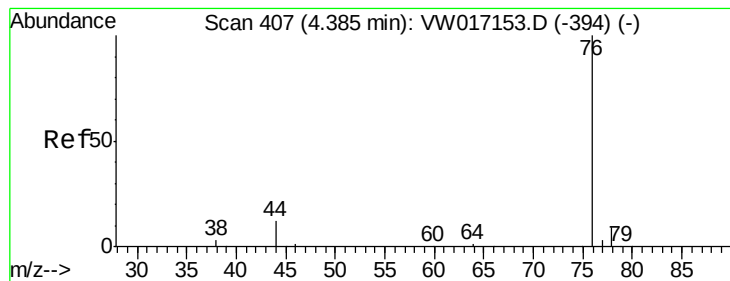
Tot Ion: 96 Resp: 1723
 Ion Ratio Lower Upper
 96 100
 61 1162.2 103.8 192.8#
 63 9432.1 84.4 156.7#



#13
 Acetone
 Concen: 6.045 ug/L
 RT: 4.15 min Scan# 368
 Delta R.T. 0.02 min
 Lab File: VW017157.D
 Acq: 11 Nov 2020 12:05

Tgt Ion: 43 Resp: 5698
 Ion Ratio Lower Upper
 43 100
 58 29.7 0.0 69.2





#14

Carbon disulfide

Concen: 4.153 ug/L

RT: 4.40 min Scan# 409

Delta R.T. 0.01 min

Lab File: VW017157.D

Acq: 11 Nov 2020 12:05

Instrument :

MSVOA_W

ClientSampleId :

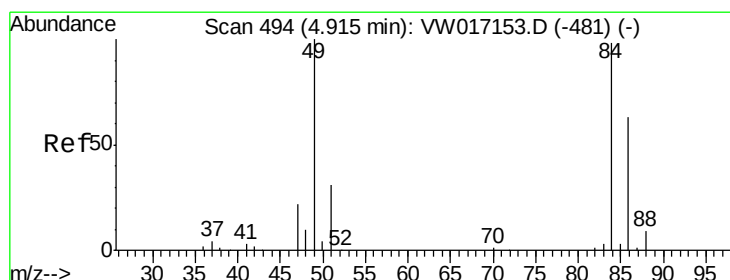
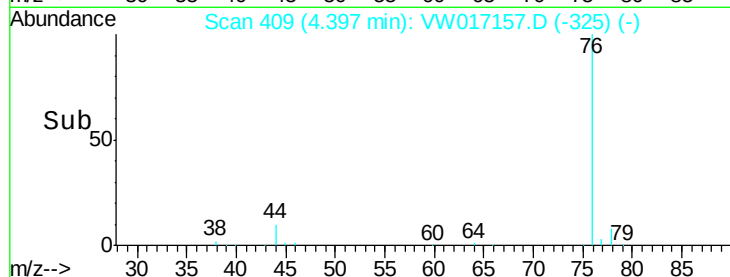
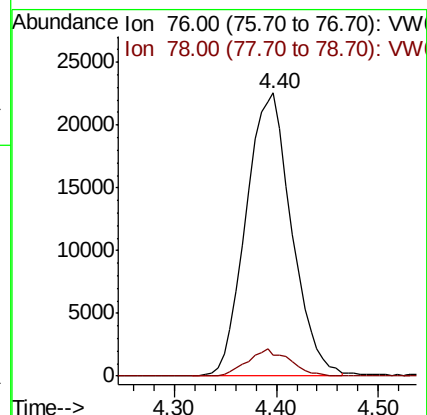
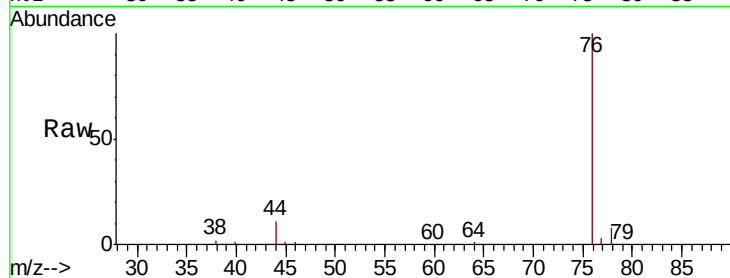
BG4D5

Tot Ion: 76 Resp: 70109

Ion Ratio Lower Upper

76 100

78 7.6 7.6 11.4



#16

Methylene chloride

Concen: 0.935 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017157.D

Acq: 11 Nov 2020 12:05

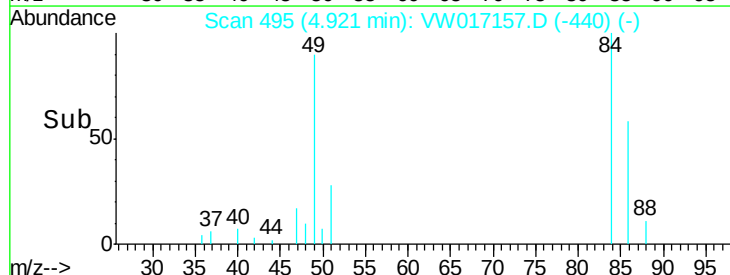
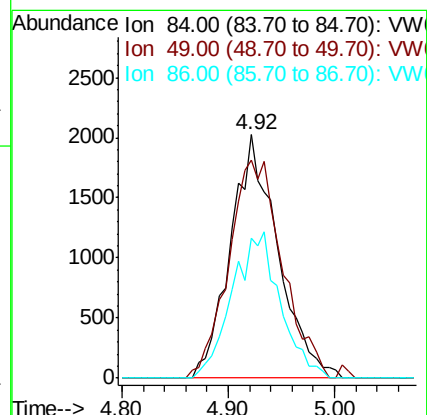
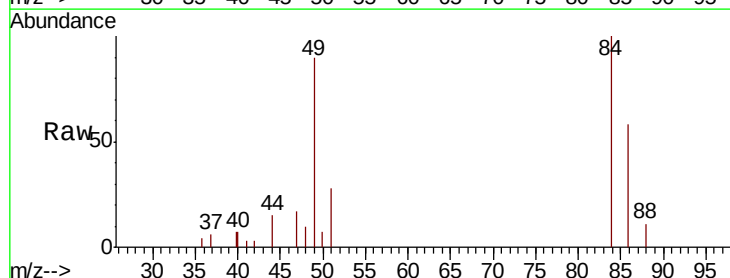
Tgt Ion: 84 Resp: 6300

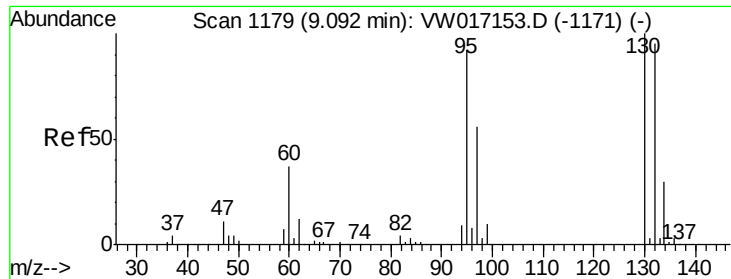
Ion Ratio Lower Upper

84 100

49 89.7 72.3 134.3

86 57.7 45.1 83.7

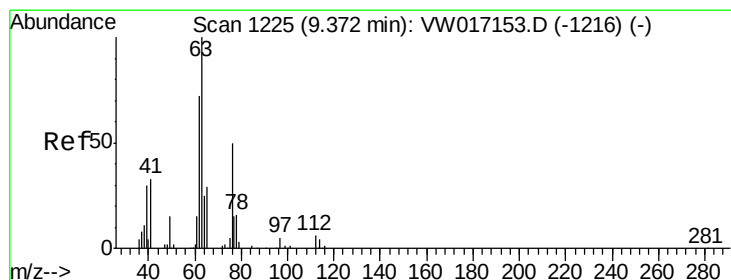
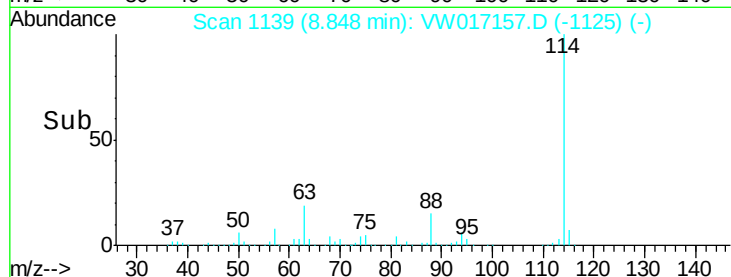
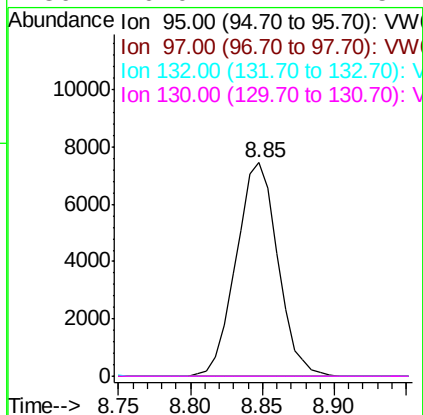
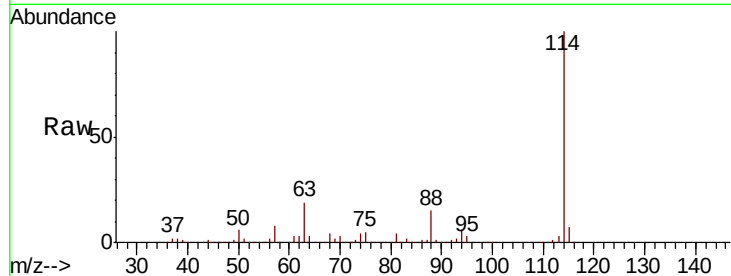




#35
 Trichloroethene
 Concen: 2.238 ug/L
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.24 min
 Lab File: VW017157.D
 Acq: 11 Nov 2020 12:05

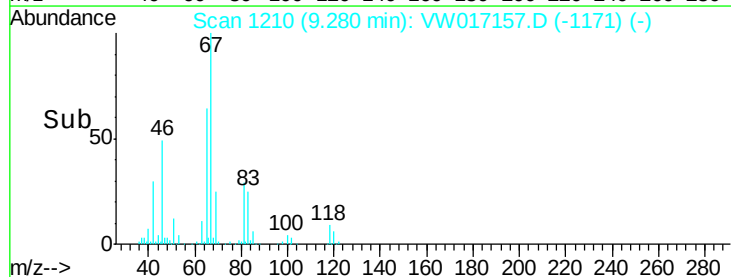
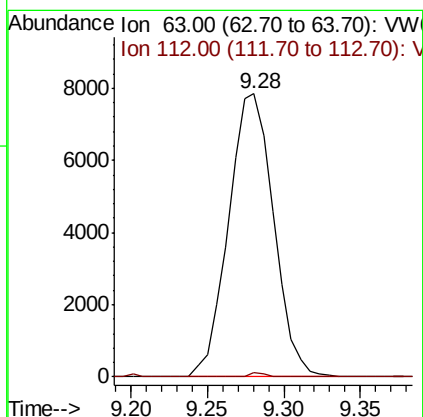
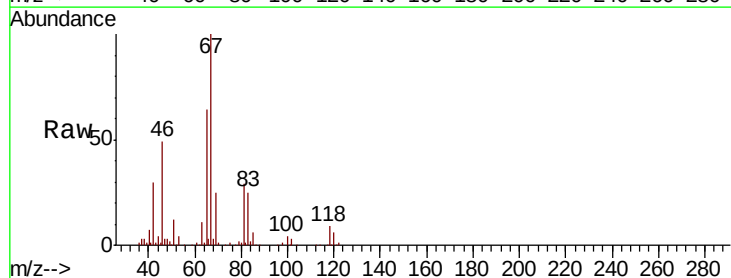
Instrument :
 MSVOA_W
 ClientSampleId :
 BG4D5

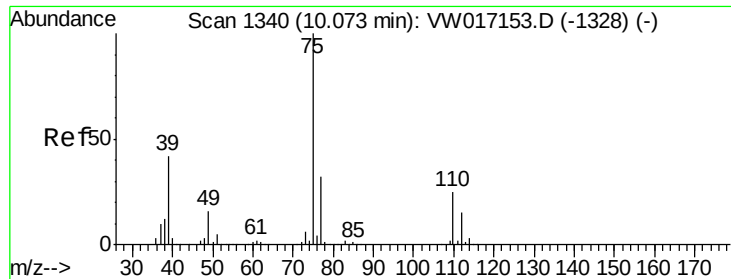
Tot Ion: 95 Resp: 14983
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.0 83.6#
 132 0.0 73.7 136.9#
 130 0.0 77.1 143.1#



#40
 1,2-Dichloropropane
 Concen: 2.871 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW017157.D
 Acq: 11 Nov 2020 12:05

Tgt Ion: 63 Resp: 16035
 Ion Ratio Lower Upper
 63 100
 112 0.4 4.2 6.2#

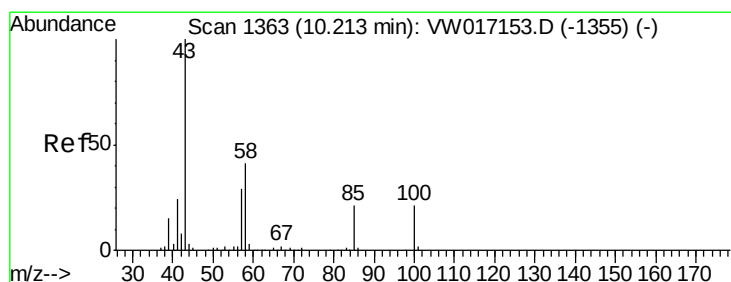
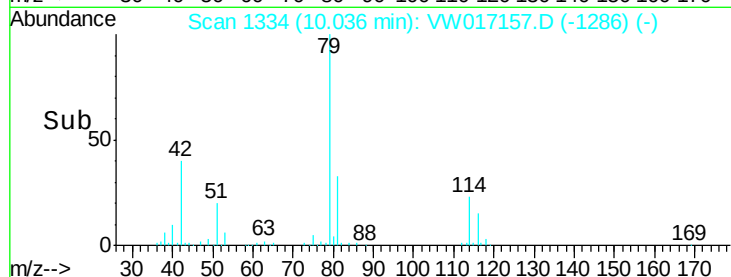
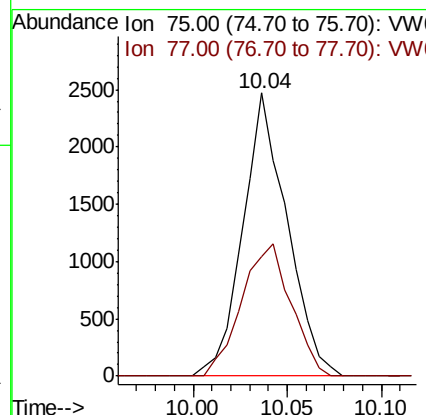
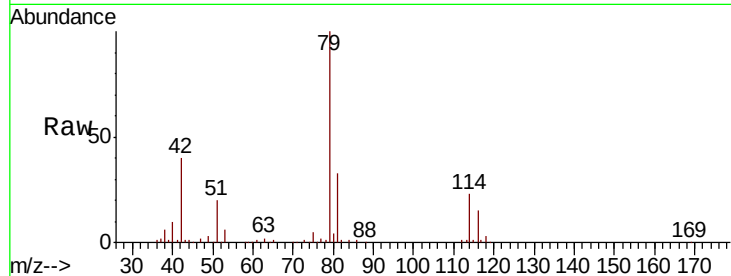




#42
 cis-1,3-Dichloropropene
 Concen: 0.455 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017157.D
 Acq: 11 Nov 2020 12:05

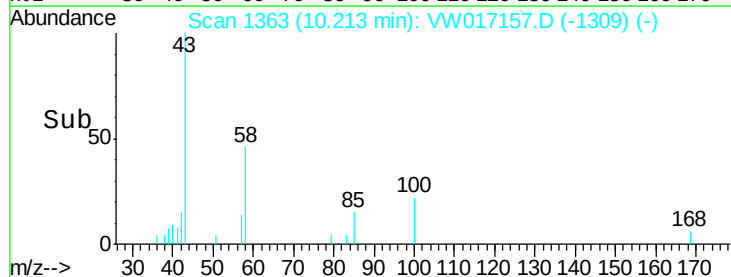
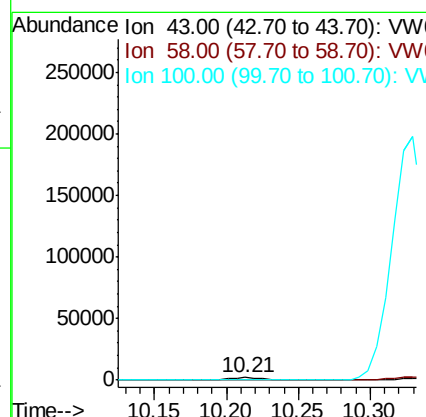
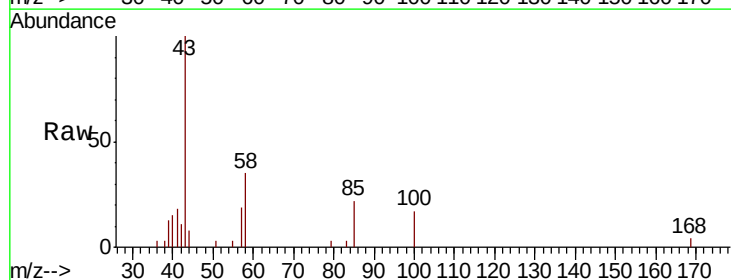
Instrument :
 MSVOA_W
 ClientSampled :
 BG4D5

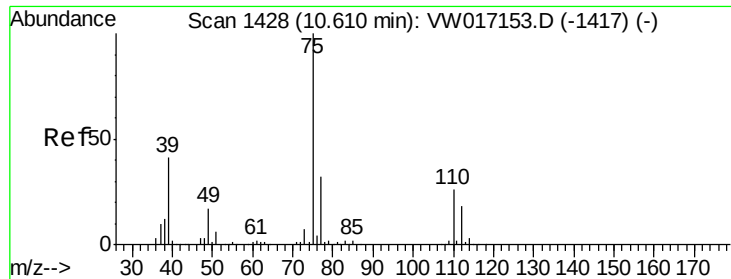
Tot Ion: 75 Resp: 4026
 Ion Ratio Lower Upper
 75 100
 77 42.0 22.0 41.0#



#43
 4-Methyl-2-pentanone
 Concen: 1.038 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW017157.D
 Acq: 11 Nov 2020 12:05

Tgt Ion: 43 Resp: 3576
 Ion Ratio Lower Upper
 43 100
 58 26.4 35.0 52.6#
 100 17.9 16.6 24.8





#45

trans-1,3-Dichloropropene

Concen: 0.322 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017157.D

Acq: 11 Nov 2020 12:05

Instrument :

MSVOA_W

ClientSampled :

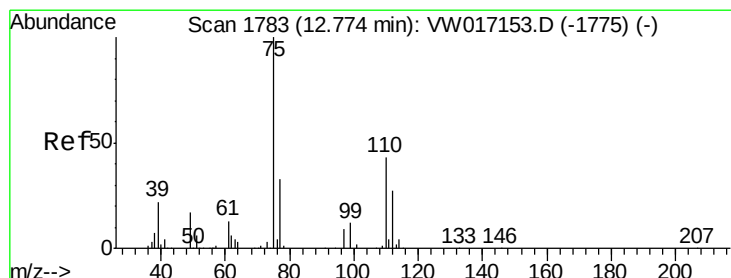
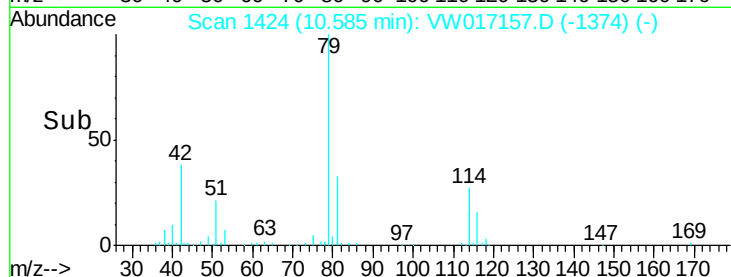
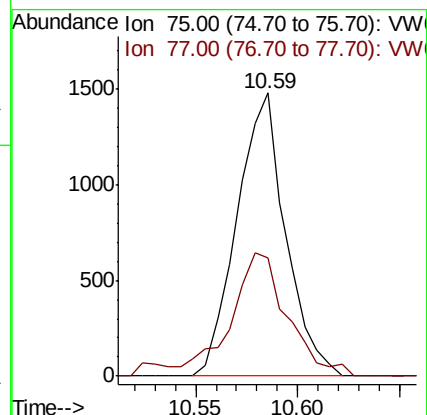
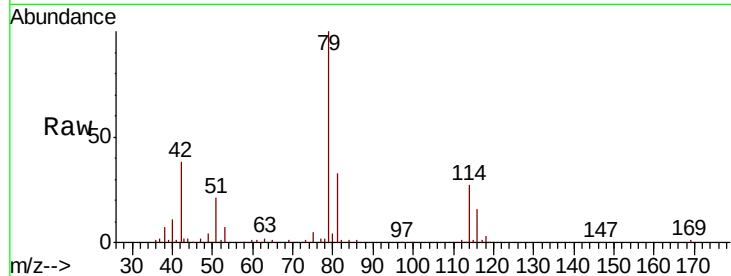
BG4D5

Tot Ion: 75 Resp: 2447

Ion Ratio Lower Upper

75 100

77 42.0 22.1 41.1#



#59

1,2,3-Trichloropropane

Concen: 5.562 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017157.D

Acq: 11 Nov 2020 12:05

Tgt Ion: 75 Resp: 22242

Ion Ratio Lower Upper

75 100

77 37.1 26.4 39.6

