

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110320\
 Data File : VW017069.D
 Acq On : 03 Nov 2020 19:04
 Operator : SY/VA
 Sample : L4615-07
 Misc : 5.13G/10ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG479

Quant Time: Nov 04 04:12:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 04:03:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	450753	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	383037	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	144948	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	122579	23.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.24%
7) Chloroethane-d5	2.90	69	104987	26.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.20%
10) 1,1-Dichloroethene-d2	4.02	63	168294	16.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.52%
20) 2-Butanone-d5	7.08	46	47227	48.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.38%
24) Chloroform-d	7.65	84	248555	23.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.64%
26) 1,2-Dichloroethane-d4	8.31	65	116967	23.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.60%
29) Benzene-d6	8.28	84	510793	25.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.84%
33) 1,2-Dichloropropane-d6	9.28	67	140557	26.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.88%
37) Toluene-d8	10.33	98	455836	24.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.44%
38) trans-1,3-Dichloropropene-	10.58	79	47204	20.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.76%
39) 2-Hexanone-d5	10.93	63	36754	49.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	97272	24.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	126408	24.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.24%

Target Compounds

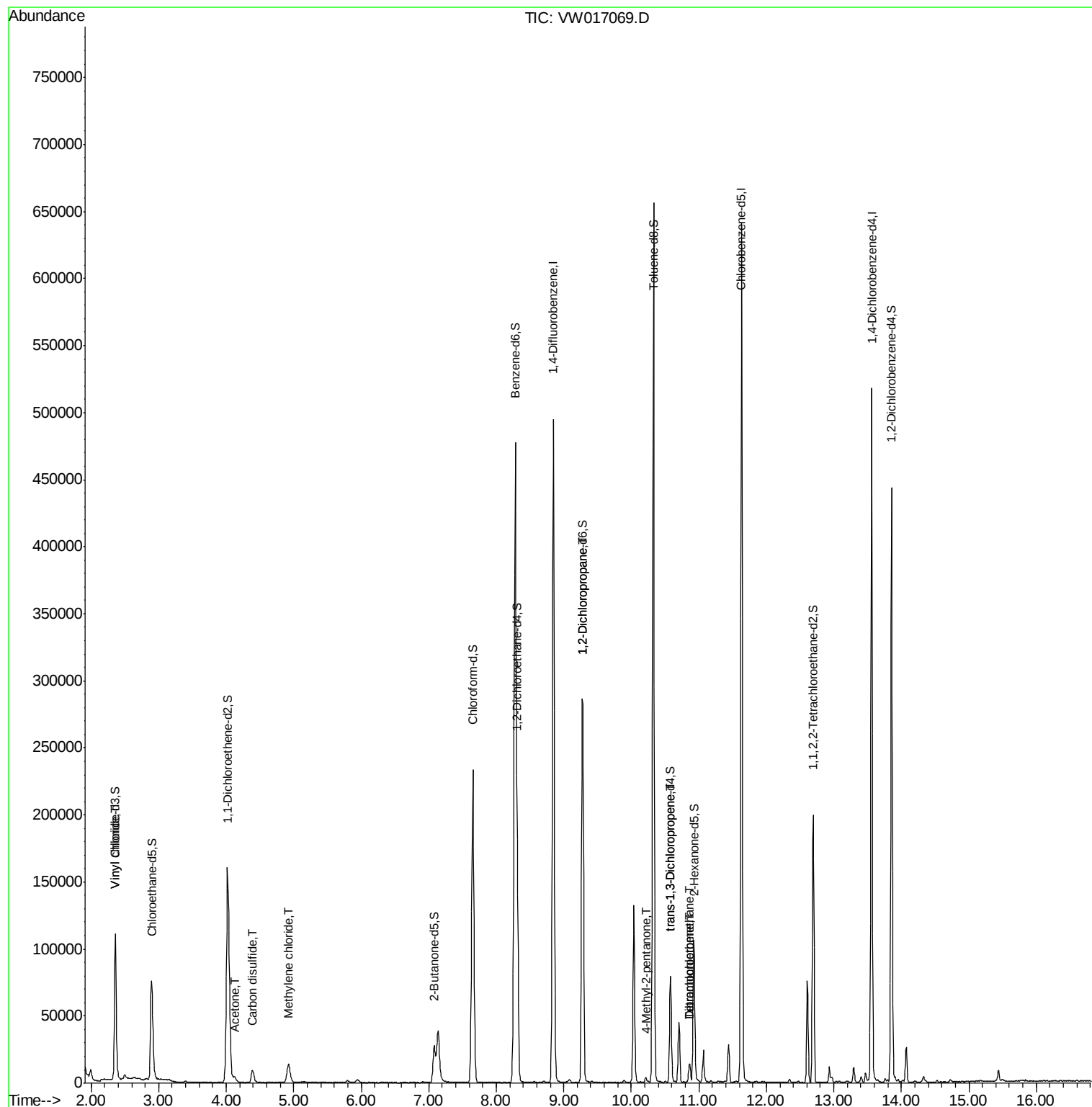
					Ovalue
5) Vinyl chloride	2.36	62	8473	1.304 ug/L #	48
13) Acetone	4.12	43	5753	8.724 ug/L	94
14) Carbon disulfide	4.38	76	16199	0.906 ug/L	99
16) Methylene chloride	4.93	84	12980	2.178 ug/L	95
40) 1,2-Dichloropropane	9.27	63	15099	3.195 ug/L #	85
43) 4-Methyl-2-pentanone	10.22	43	2726	1.217 ug/L	96
45) trans-1,3-Dichloropropene	10.58	75	2054	0.336 ug/L #	78
47) Tetrachloroethene	10.86	164	3651	0.677 ug/L	87
50) Dibromochloromethane	10.87	129	3234	0.702 ug/L #	10

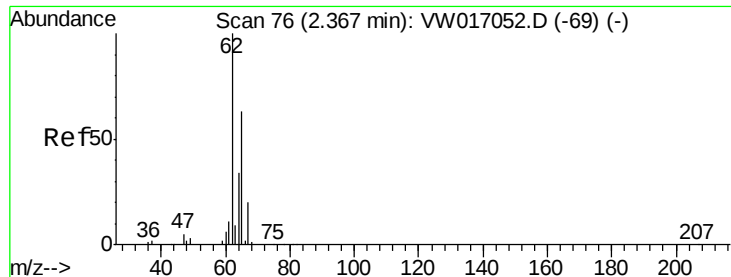
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.304 ug/L

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW017069.D

Acq: 03 Nov 2020 19:04

Instrument :

MSVOA_W

ClientSampleId :

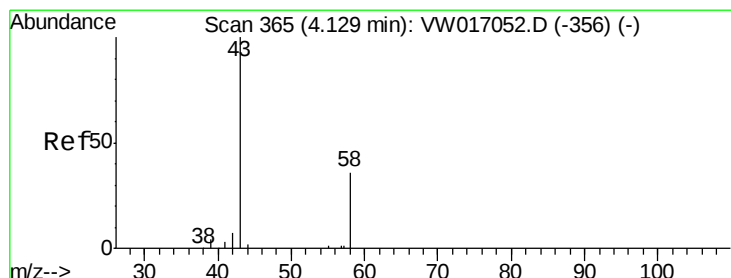
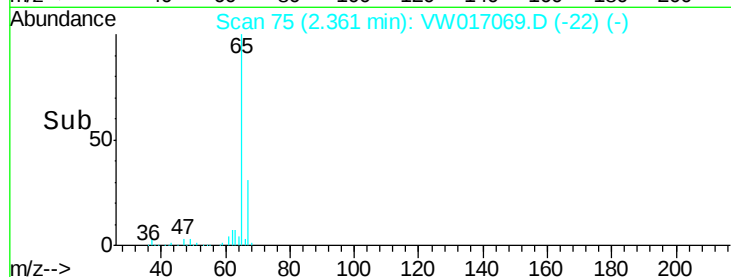
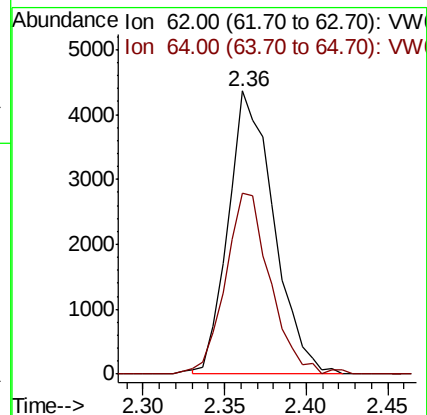
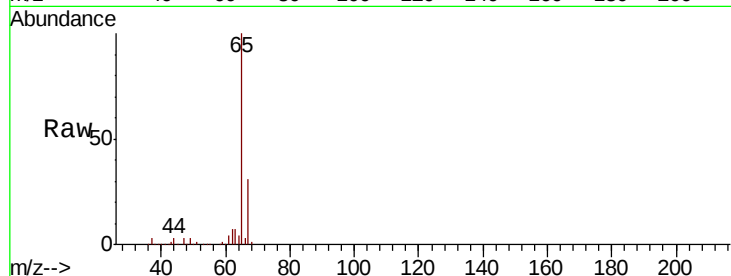
BG479

Tot Ion: 62 Resp: 8473

Ion Ratio Lower Upper

62 100

64 64.1 24.1 44.7#



#13

Acetone

Concen: 8.724 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017069.D

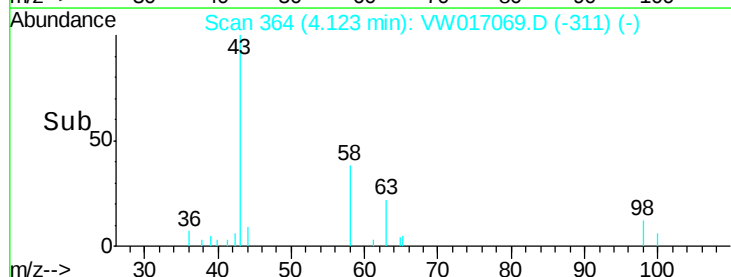
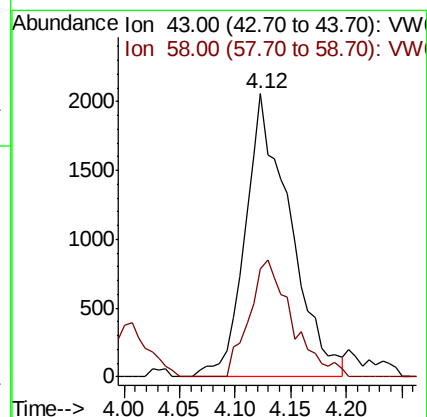
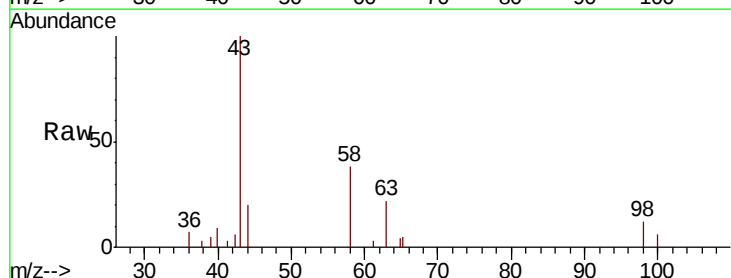
Acq: 03 Nov 2020 19:04

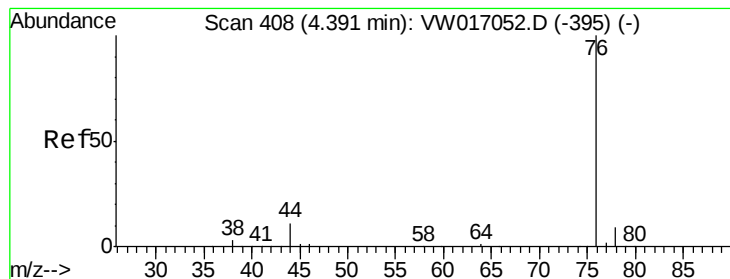
Tgt Ion: 43 Resp: 5753

Ion Ratio Lower Upper

43 100

58 38.6 0.0 69.8





#14

Carbon disulfide

Concen: 0.906 ug/L

RT: 4.38 min Scan# 407

Delta R.T. -0.01 min

Lab File: VW017069.D

Acq: 03 Nov 2020 19:04

Instrument :

MSVOA_W

ClientSampled :

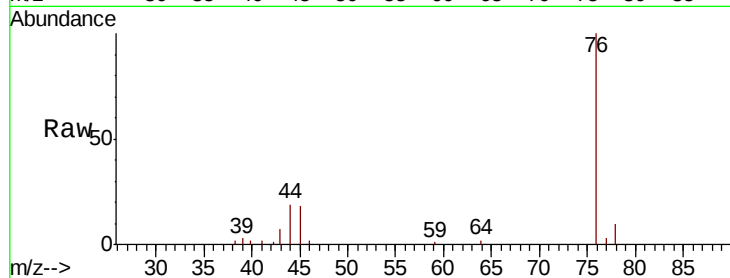
BG479

Tot Ion: 76 Resp: 16199

Ion Ratio Lower Upper

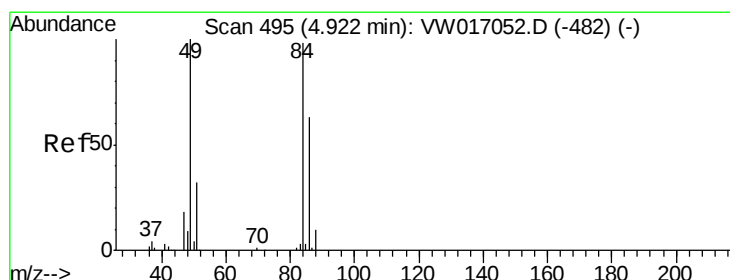
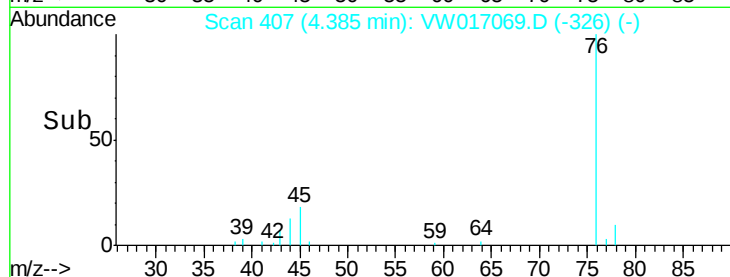
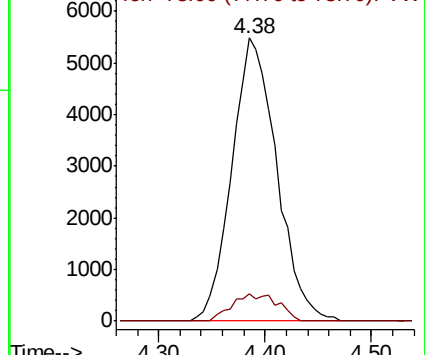
76 100

78 9.5 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW



#16

Methylene chloride

Concen: 2.178 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017069.D

Acq: 03 Nov 2020 19:04

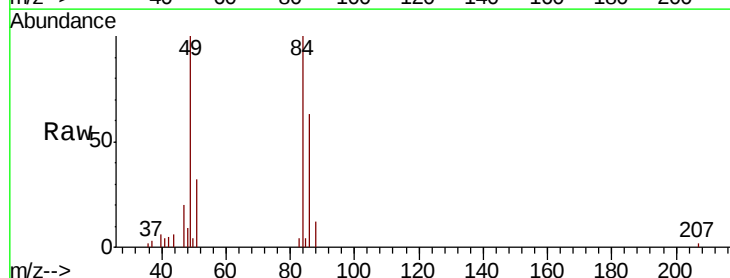
Tgt Ion: 84 Resp: 12980

Ion Ratio Lower Upper

84 100

49 100.2 73.8 137.0

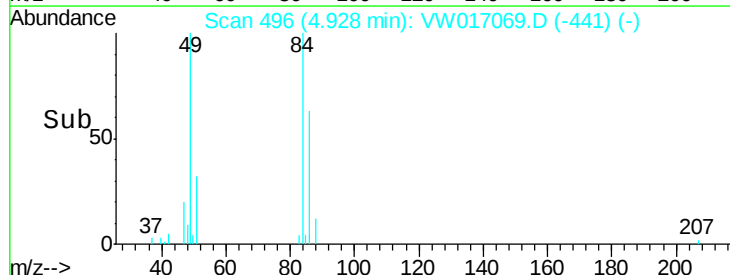
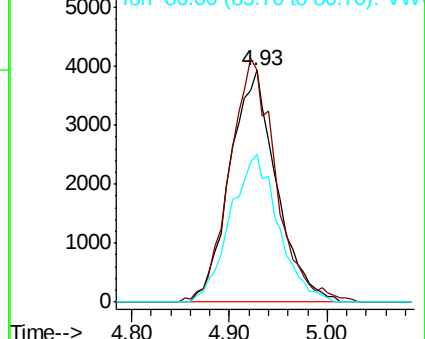
86 63.6 47.4 88.0

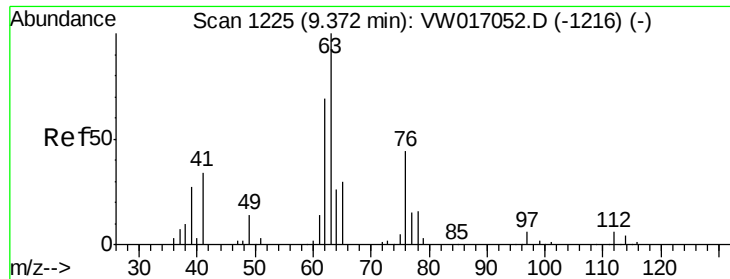


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

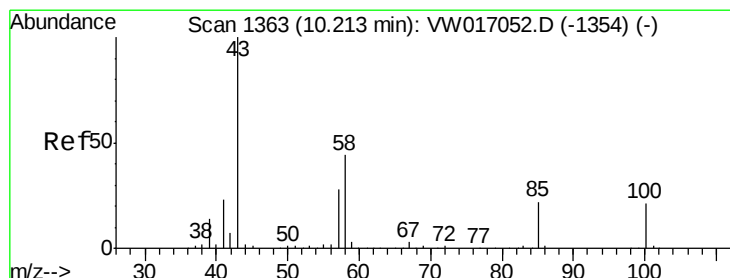
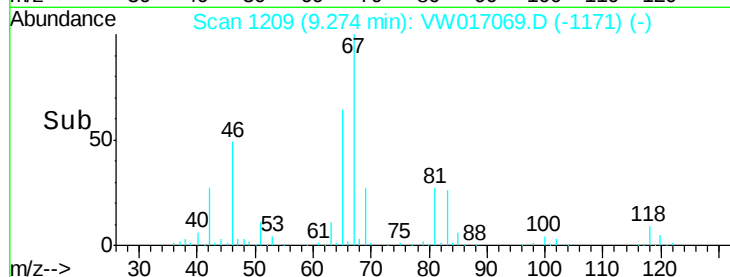
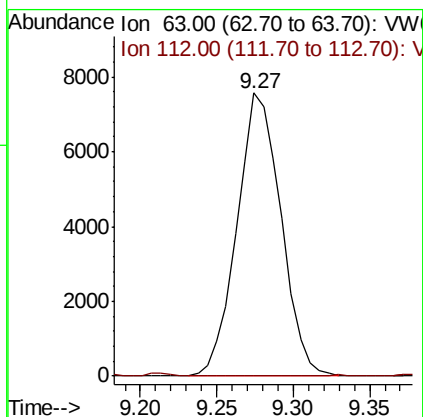
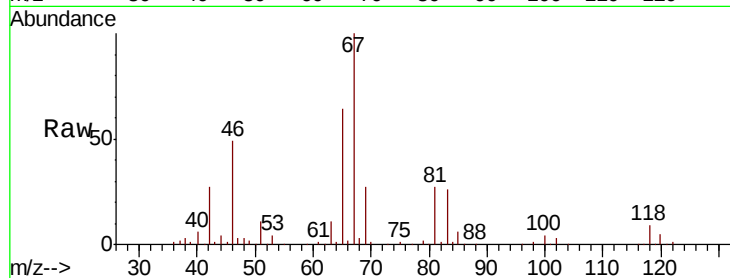




#40
 1,2-Dichloropropane
 Concen: 3.195 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW017069.D
 Acq: 03 Nov 2020 19:04

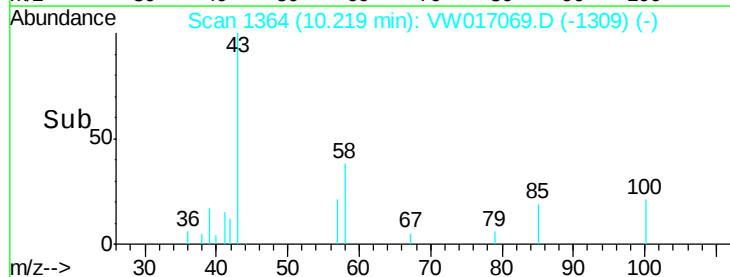
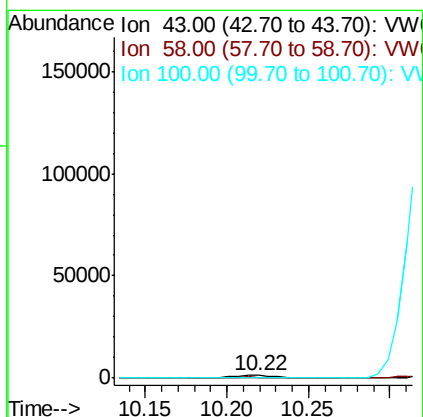
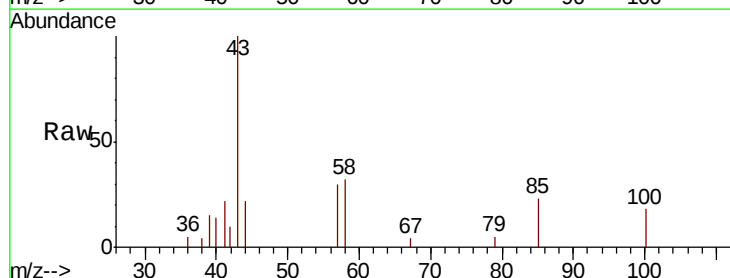
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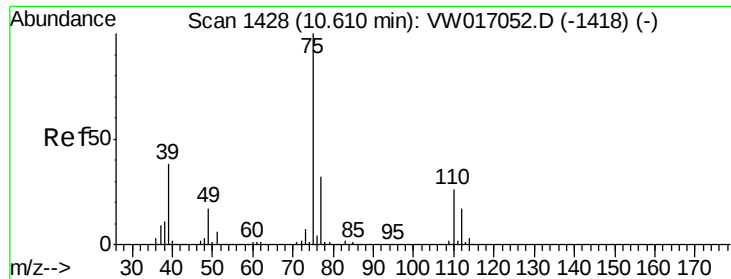
Tot Ion: 63 Resp: 15099
 Ion Ratio Lower Upper
 63 100
 112 0.5 4.5 6.7#



#43
 4-Methyl-2-pentanone
 Concen: 1.217 ug/L
 RT: 10.22 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VW017069.D
 Acq: 03 Nov 2020 19:04

Tgt Ion: 43 Resp: 2726
 Ion Ratio Lower Upper
 43 100
 58 40.5 34.4 51.6
 100 18.0 16.2 24.2





#45

trans-1,3-Dichloropropene

Concen: 0.336 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017069.D

Acq: 03 Nov 2020 19:04

Instrument :

MSVOA_W

ClientSampled :

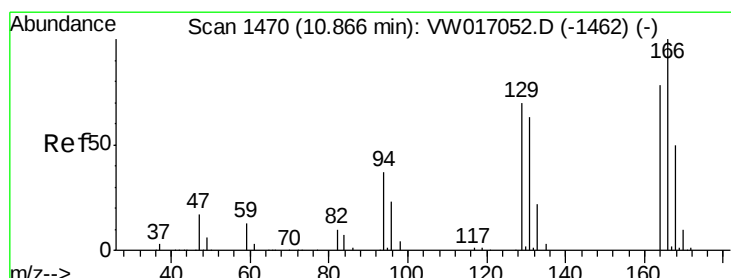
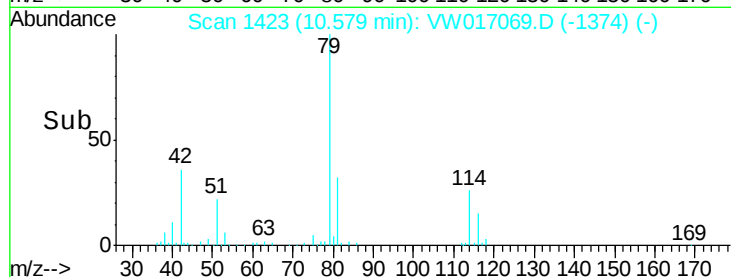
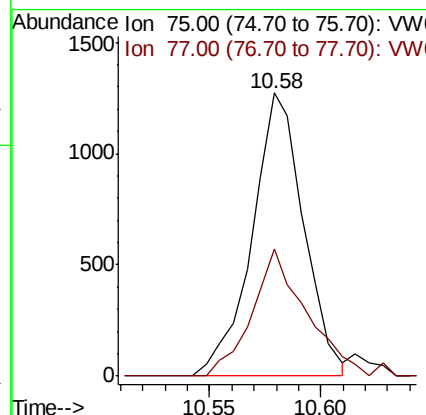
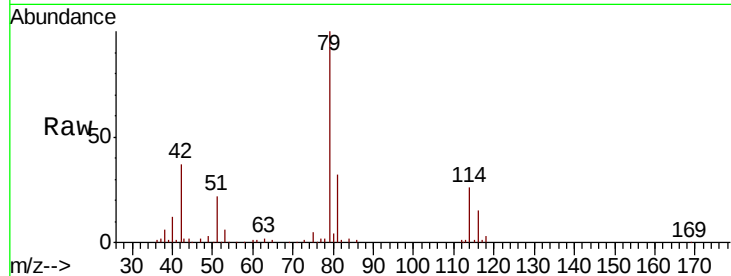
BG479

Tot Ion: 75 Resp: 2054

Ion Ratio Lower Upper

75 100

77 45.0 22.7 42.3#



#47

Tetrachloroethene

Concen: 0.677 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW017069.D

Acq: 03 Nov 2020 19:04

Tgt Ion: 164 Resp: 3651

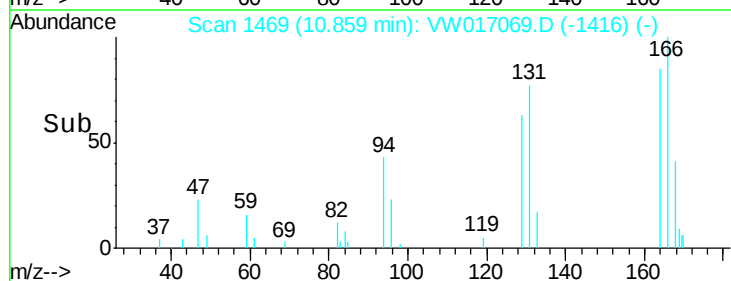
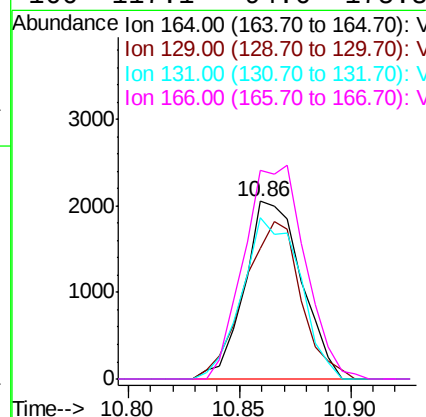
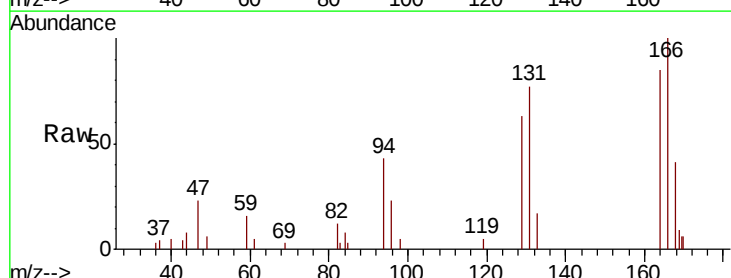
Ion Ratio Lower Upper

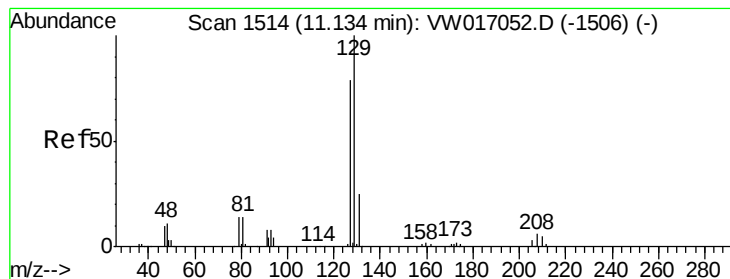
164 100

129 73.3 64.0 119.0

131 90.7 61.7 114.5

166 117.1 94.6 175.8





#50

Dibromochloromethane

Concen: 0.702 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.27 min

Lab File: VW017069.D

Acq: 03 Nov 2020 19:04

Instrument :

MSVOA_W

ClientSampleId :

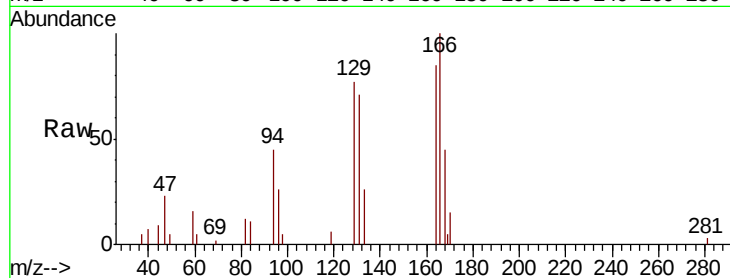
BG479

Tot Ion:129 Resp: 3234

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.87

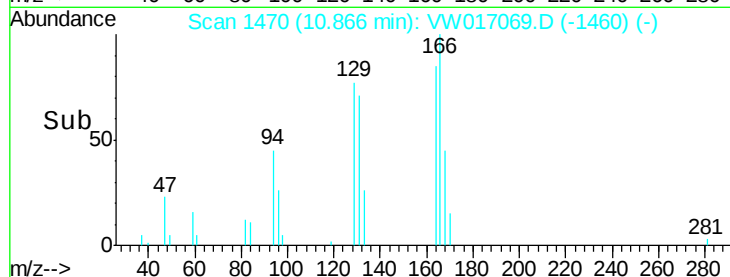
1500

1000

500

0

10.80 10.85 10.90



Time-->