

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026506.D
 Acq On : 01 Jul 2023 05:36
 Operator : SY/MD
 Sample : 03501-12
 Misc : 4.41g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46X7

Quant Time: Jul 03 01:17:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 01 01:41:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

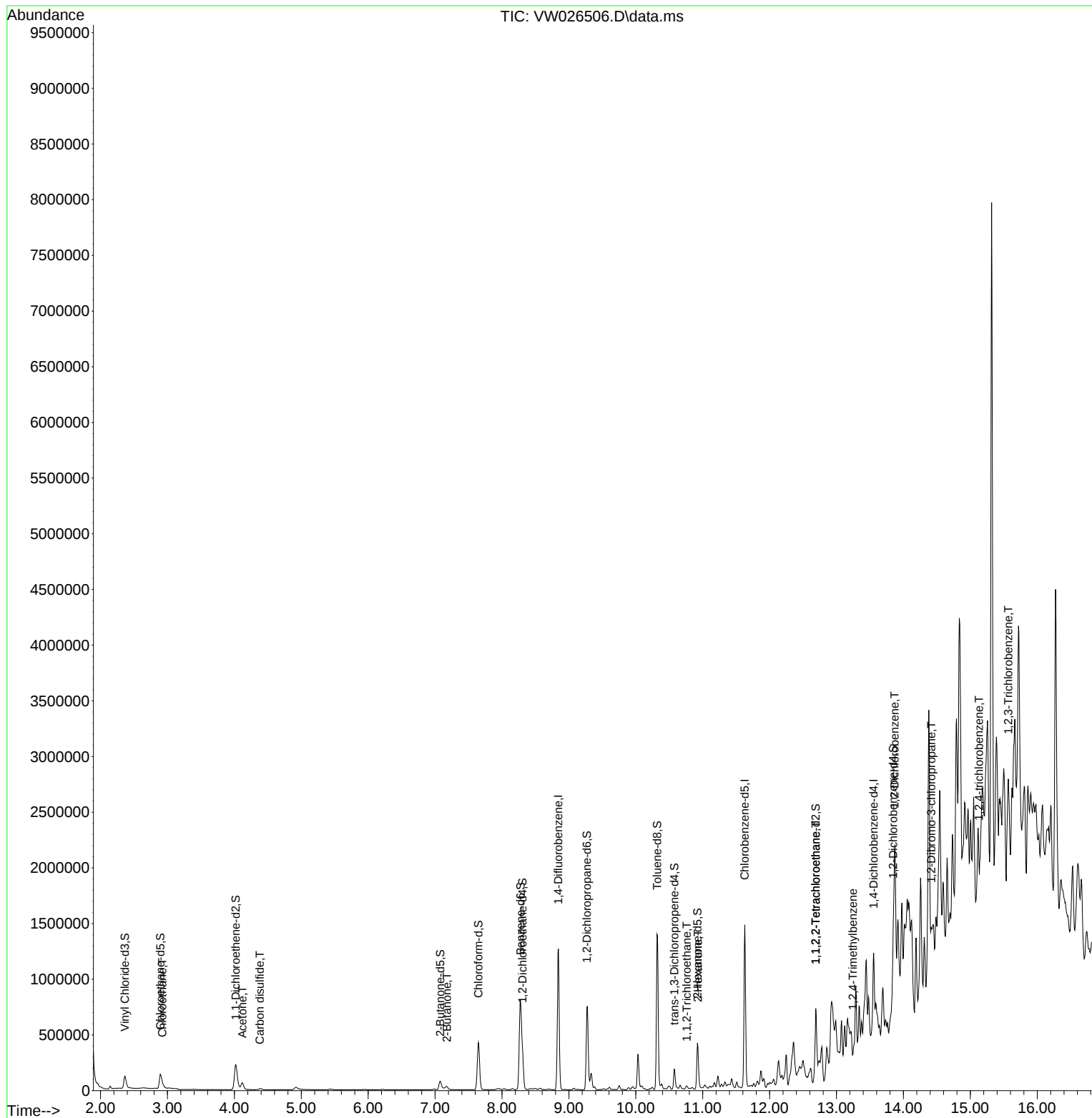
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	997519	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	749476	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	184666	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	167531	14.750	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.000%
7) Chloroethane-d5	2.893	69	199480	21.569	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.280%
11) 1,1-Dichloroethene-d2	4.021	65	87307	15.363	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.440%
21) 2-Butanone-d5	7.075	46	135224	31.504	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.000%
24) Chloroform-d	7.648	84	412627	16.971	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.880%
26) 1,2-Dichloroethane-d4	8.307	65	249500	18.774	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.080%
32) Benzene-d6	8.276	84	793401	18.202	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.800%
36) 1,2-Dichloropropane-d6	9.270	67	362419	26.088	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.360%
41) Toluene-d8	10.319	98	894839	23.241	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.960%
43) trans-1,3-Dichloroprop...	10.575	79	101897	18.197	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.800%
47) 2-Hexanone-d5	10.922	63	129103	55.569	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.140%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	218044	20.327	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	134497	20.917	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.680%
Target Compounds						Qvalue
8) Chloroethane	2.924	64	13448	1.568	ug/L	92
13) Acetone	4.118	43	105896	34.924	ug/L	93
14) Carbon disulfide	4.381	76	23648	0.654	ug/L	95
22) 2-Butanone	7.179	43	42494	8.548	ug/L	96
45) 1,1,2-Trichloroethane	10.764	97	8797	1.036	ug/L #	35
48) 2-Hexanone	10.928	43	44772	7.797	ug/L #	41
57) 1,1,2,2-Tetrachloroethane	12.690	83	12234	1.180	ug/L #	4
63) 1,2,4-Trimethylbenzene	13.245	105	14354	0.686	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	61350	5.999	ug/L #	58
68) 1,2-Dibromo-3-chloropr...	14.415	75	1218	1.317	ug/L #	23
70) 1,2,4-trichlorobenzene	15.129	180	4939	0.742	ug/L #	1
72) 1,2,3-Trichlorobenzene	15.568	180	8860	1.547	ug/L #	68

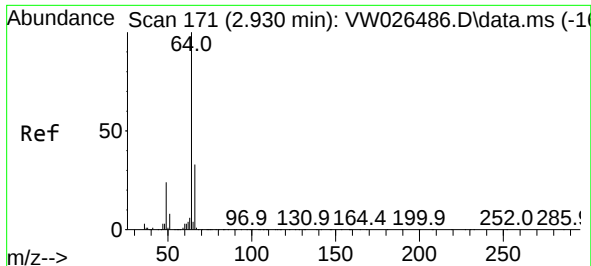
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

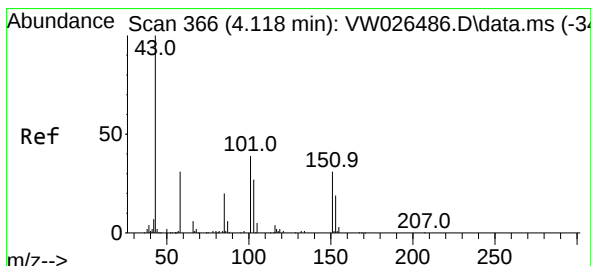
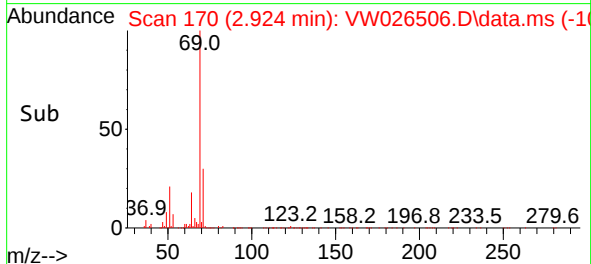
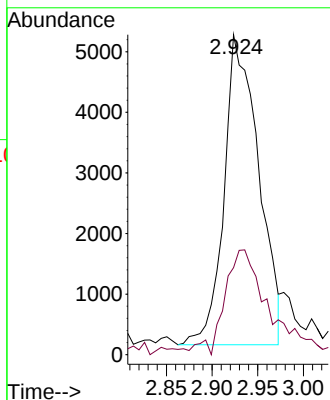
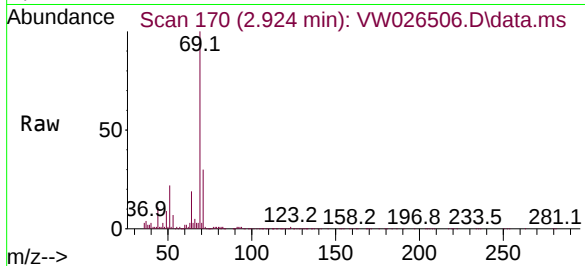




#8
Chloroethane
Concen: 1.568 ug/L
RT: 2.924 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW026506.D
Acq: 01 Jul 2023 05:36

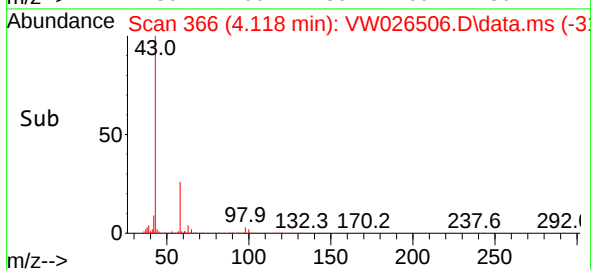
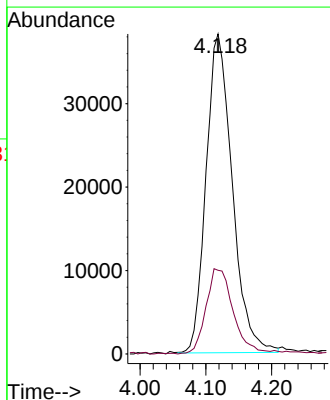
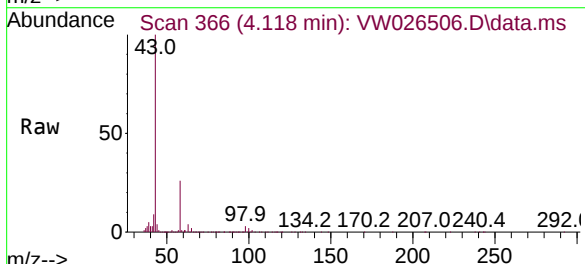
Instrument :
MSVOA_W
ClientSampleId :
A46X7

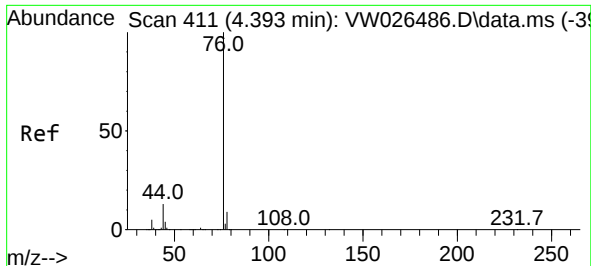
Tgt Ion: 64 Resp: 13448
Ion Ratio Lower Upper
64 100
66 27.2 22.1 41.1



#13
Acetone
Concen: 34.924 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW026506.D
Acq: 01 Jul 2023 05:36

Tgt Ion: 43 Resp: 105896
Ion Ratio Lower Upper
43 100
58 27.7 0.0 63.2

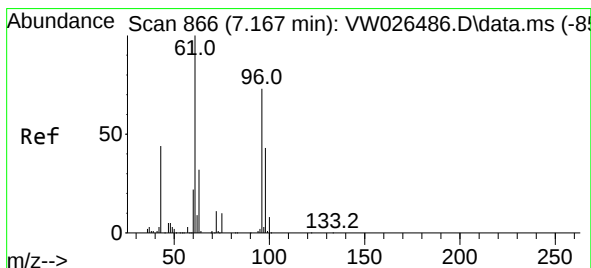
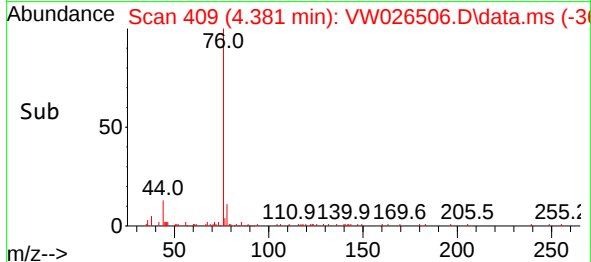
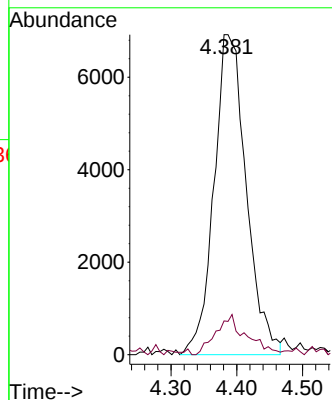
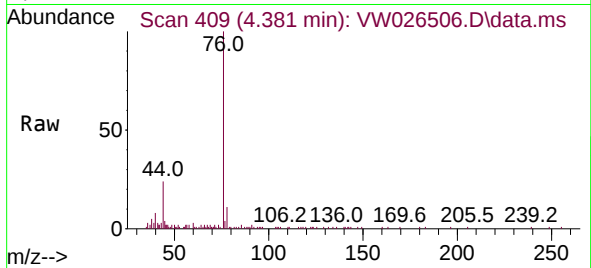




#14
Carbon disulfide
Concen: 0.654 ug/L
RT: 4.381 min Scan# 409
Delta R.T. -0.012 min
Lab File: VW026506.D
Acq: 01 Jul 2023 05:36

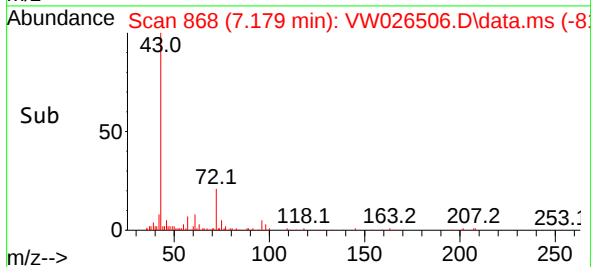
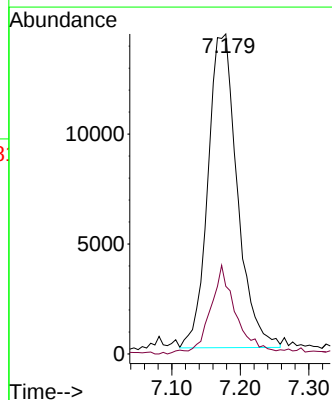
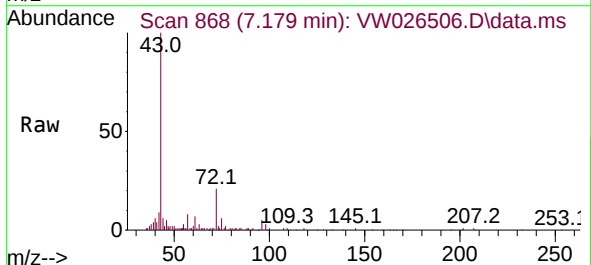
Instrument :
MSVOA_W
ClientSampleId :
A46X7

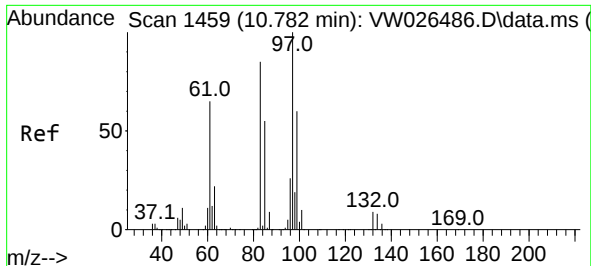
Tgt Ion: 76 Resp: 23648
Ion Ratio Lower Upper
76 100
78 10.6 7.1 10.7



#22
2-Butanone
Concen: 8.548 ug/L
RT: 7.179 min Scan# 868
Delta R.T. 0.012 min
Lab File: VW026506.D
Acq: 01 Jul 2023 05:36

Tgt Ion: 43 Resp: 42494
Ion Ratio Lower Upper
43 100
72 23.4 12.6 37.8





#45

1,1,2-Trichloroethane

Concen: 1.036 ug/L

RT: 10.764 min Scan# 1456

Delta R.T. -0.018 min

Lab File: VW026506.D

Acq: 01 Jul 2023 05:36

Instrument :

MSVOA_W

ClientSampleId :

A46X7

Tgt Ion: 97 Resp: 8797

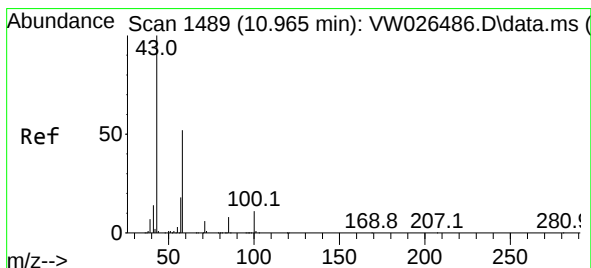
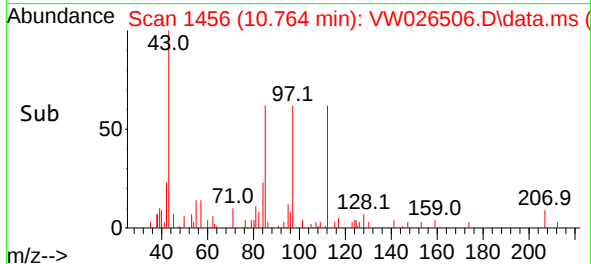
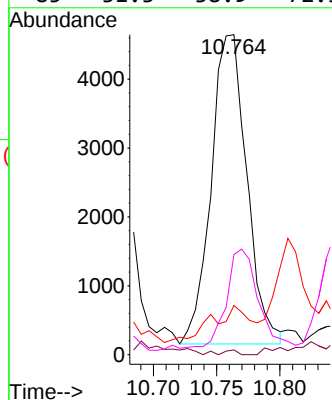
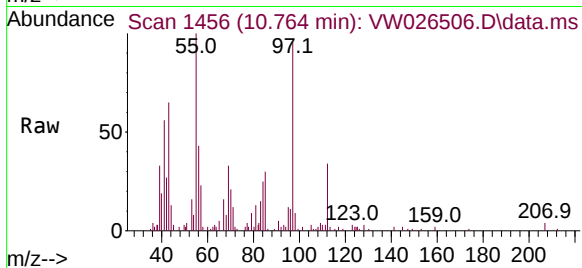
Ion Ratio Lower Upper

97 100

99 1.5 42.1 78.3#

83 15.4 60.5 112.5#

85 31.3 38.9 72.3#



#48

2-Hexanone

Concen: 7.797 ug/L

RT: 10.928 min Scan# 1483

Delta R.T. -0.037 min

Lab File: VW026506.D

Acq: 01 Jul 2023 05:36

Tgt Ion: 43 Resp: 44772

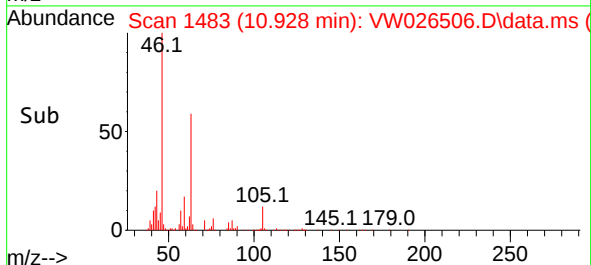
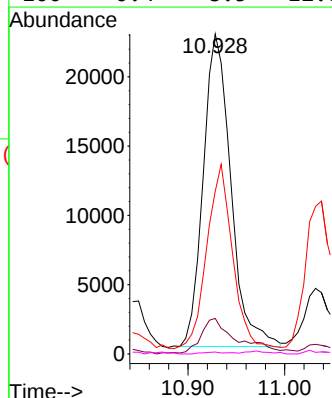
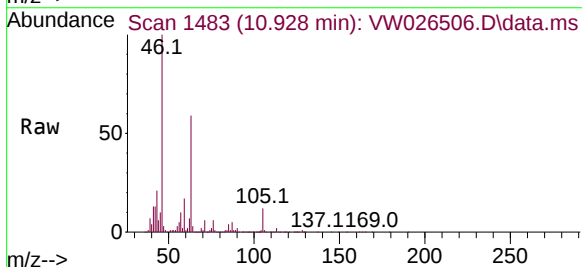
Ion Ratio Lower Upper

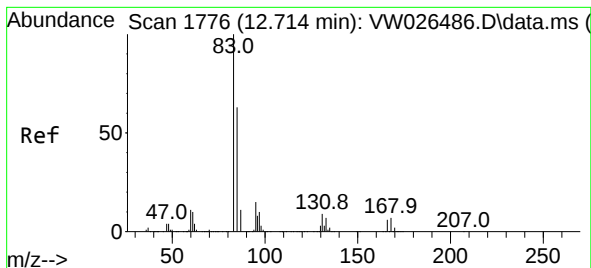
43 100

58 11.8 42.1 63.1#

57 54.9 14.5 21.7#

100 0.4 8.5 12.7#

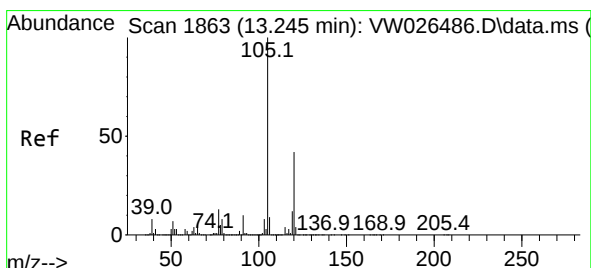
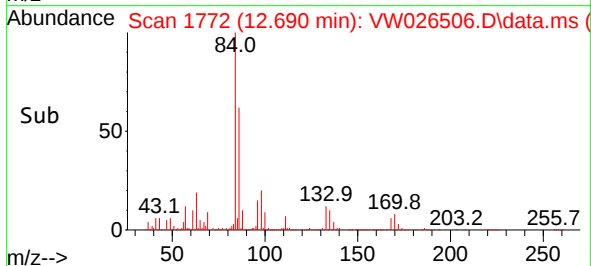
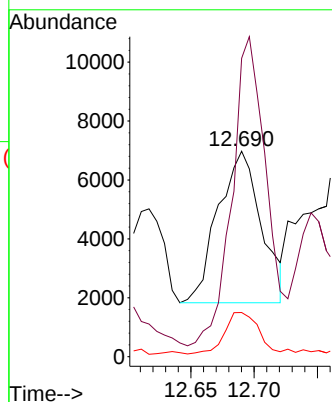
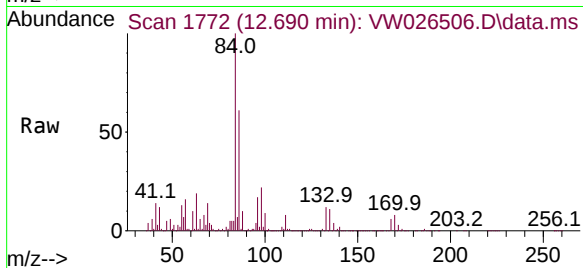




#57
1,1,2,2-Tetrachloroethane
Concen: 1.180 ug/L
RT: 12.690 min Scan# 1772
Delta R.T. -0.024 min
Lab File: VW026506.D
Acq: 01 Jul 2023 05:36

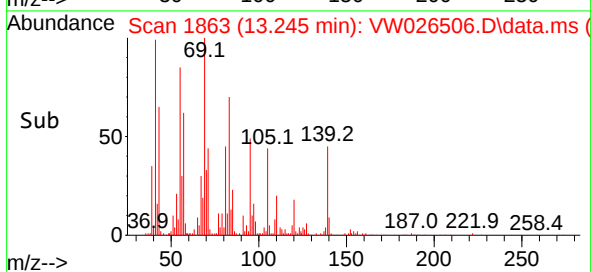
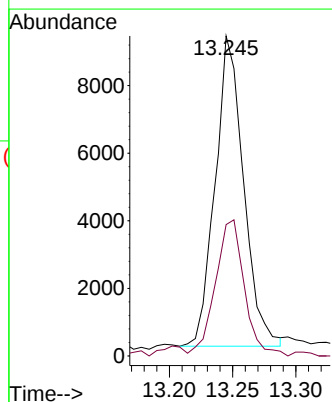
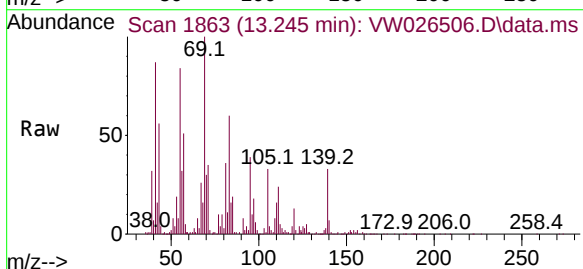
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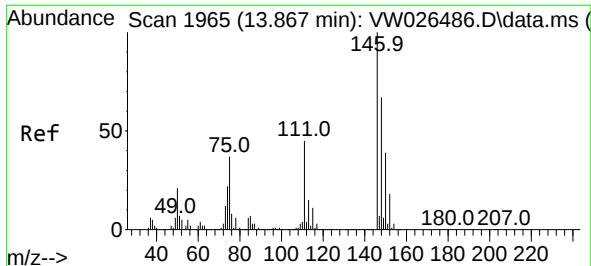
Tgt Ion: 83 Resp: 12234
Ion Ratio Lower Upper
83 100
85 145.2 44.6 82.8#
131 21.5 7.2 10.8#



#63
1,2,4-Trimethylbenzene
Concen: 0.686 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026506.D
Acq: 01 Jul 2023 05:36

Tgt Ion: 105 Resp: 14354
Ion Ratio Lower Upper
105 100
120 41.9 36.0 54.0





#67

1,2-Dichlorobenzene

Concen: 5.999 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW026506.D

Acq: 01 Jul 2023 05:36

Instrument :

MSVOA_W

ClientSampleId :

A46X7

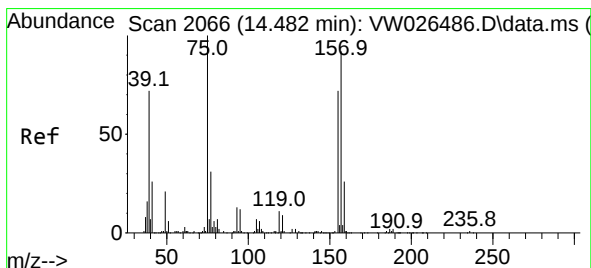
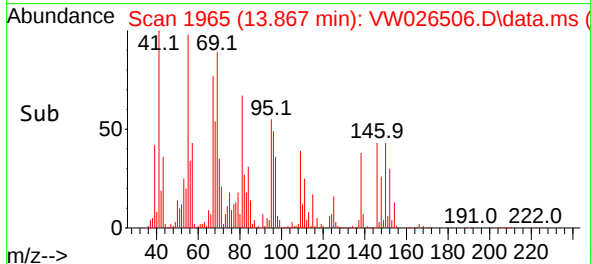
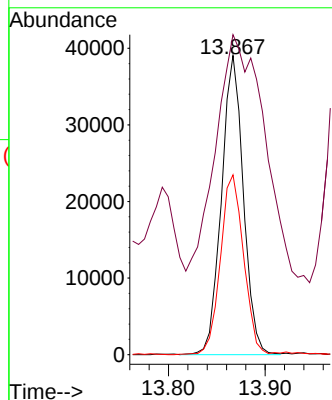
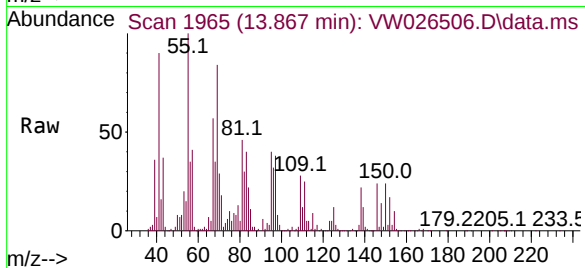
Tgt Ion:146 Resp: 61350

Ion Ratio Lower Upper

146 100

111 107.0 34.7 52.1#

148 60.1 49.6 74.4



#68

1,2-Dibromo-3-chloropropane

Concen: 1.317 ug/L

RT: 14.415 min Scan# 2055

Delta R.T. -0.067 min

Lab File: VW026506.D

Acq: 01 Jul 2023 05:36

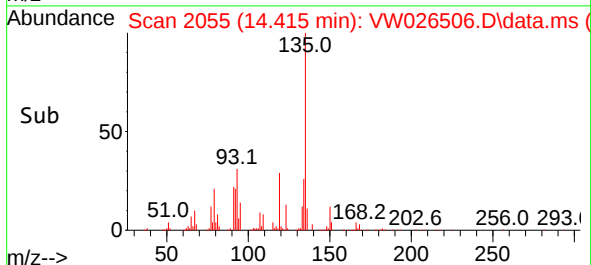
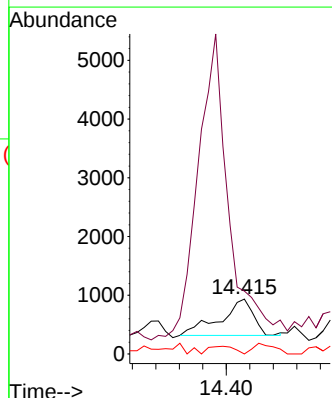
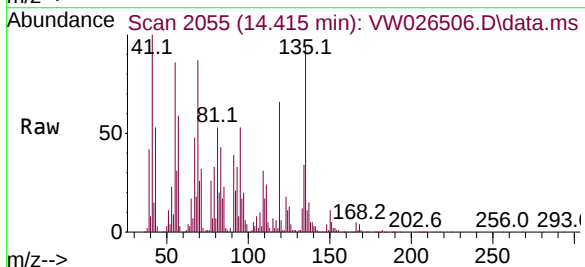
Tgt Ion: 75 Resp: 1218

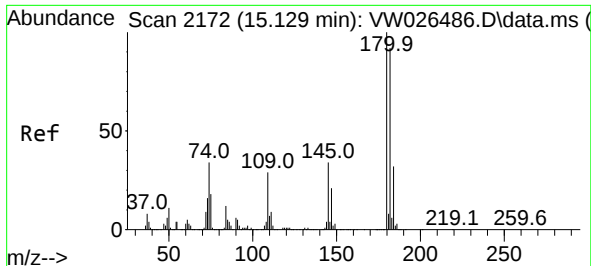
Ion Ratio Lower Upper

75 100

155 114.3 58.5 87.7#

157 0.0 77.4 116.2#

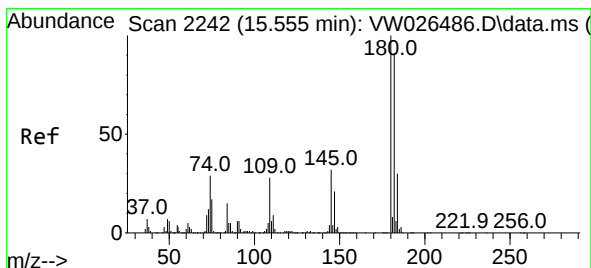
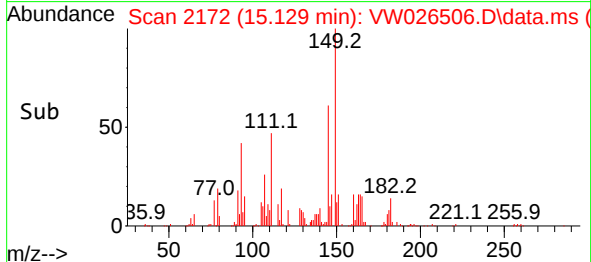
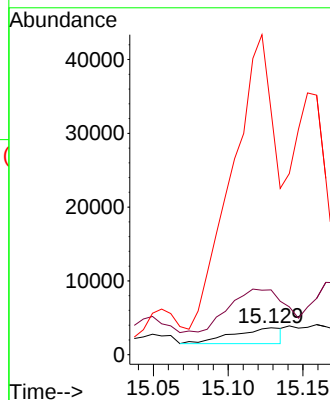
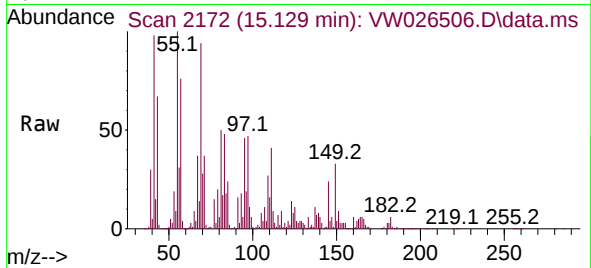




#70
1,2,4-trichlorobenzene
Concen: 0.742 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW026506.D
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Tgt Ion:180 Resp: 4939
Ion Ratio Lower Upper
180 100
182 346.1 75.5 113.3#
145 1608.3 26.2 39.2#



#72
1,2,3-Trichlorobenzene
Concen: 1.547 ug/L
RT: 15.568 min Scan# 2244
Delta R.T. 0.012 min
Lab File: VW026506.D
Acq: 01 Jul 2023 05:36

Tgt Ion:180 Resp: 8860
Ion Ratio Lower Upper
180 100
182 73.6 75.7 113.5#
145 0.0 27.0 40.6#

