

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026505.D
 Acq On : 01 Jul 2023 05:12
 Operator : SY/MD
 Sample : 03501-11
 Misc : 4.87g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46X6

Quant Time: Jul 03 01:16:46 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)

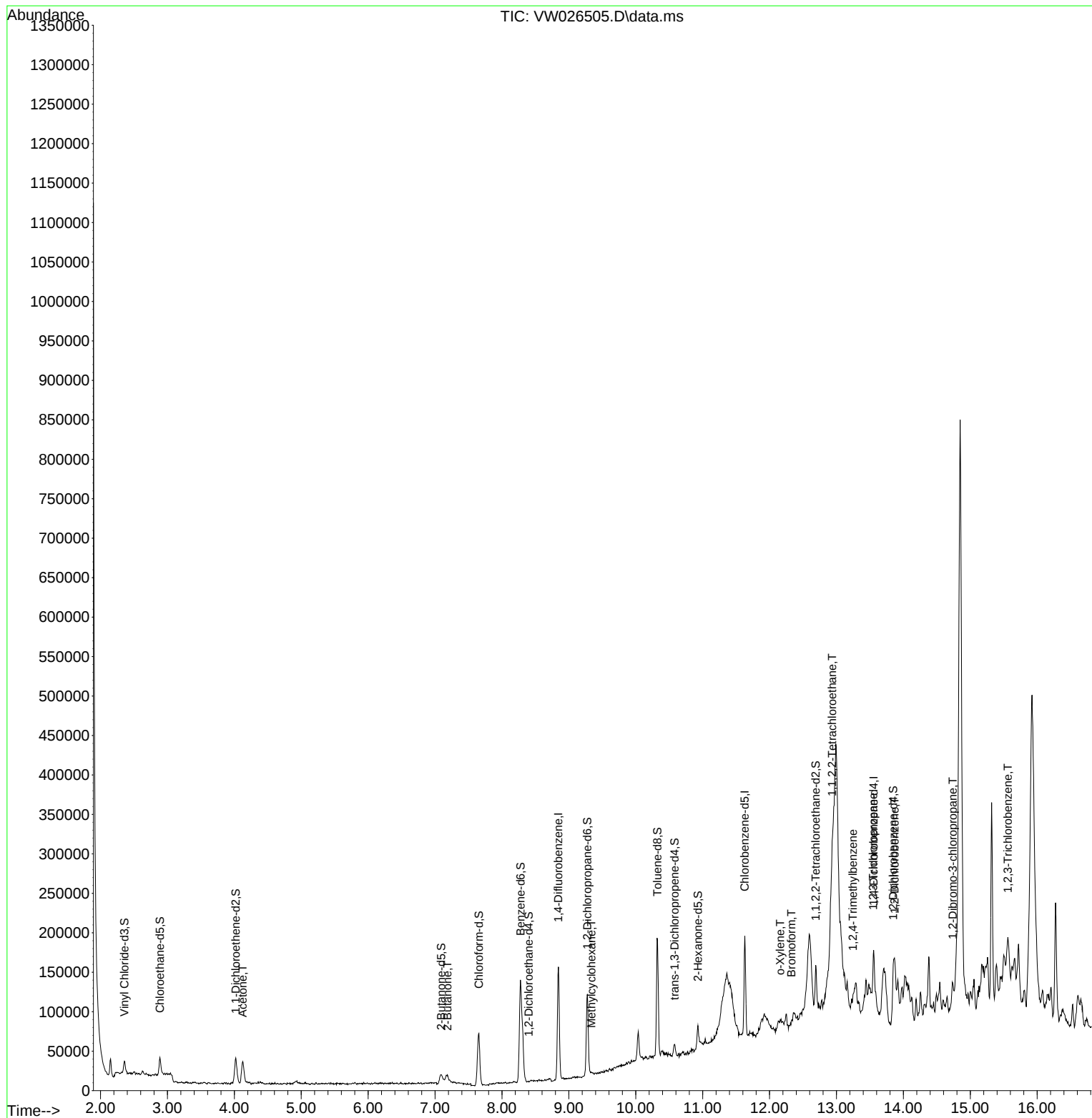
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	118443	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	62284	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	17481	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	17949	13.309	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.240%
7) Chloroethane-d5	2.887	69	24611	22.412	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.640%
11) 1,1-Dichloroethene-d2	4.021	65	9778	14.491	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.960%
21) 2-Butanone-d5	7.094	46	20551	40.323	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.640%
24) Chloroform-d	7.655	84	69421	24.046	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	8.398	65	149	0.094	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.360%#
32) Benzene-d6	8.276	84	126665	34.968	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	139.880%#
36) 1,2-Dichloropropane-d6	9.276	67	50468	43.714	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	174.840%#
41) Toluene-d8	10.325	98	96988	30.311	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	121.240%
43) trans-1,3-Dichloroprop...	10.581	79	10278	22.086	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.360%
47) 2-Hexanone-d5	10.928	63	8999	46.609	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.220%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	26294	29.497	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.000%
66) 1,2-Dichlorobenzene-d4	13.849	152	12837	21.089	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.360%
Target Compounds						Qvalue
13) Acetone	4.125	43	51983	144.384	ug/L	93
22) 2-Butanone	7.185	43	19232	32.581	ug/L	95
35) Methylcyclohexane	9.337	83	1695	0.958	ug/L #	33
54) o-Xylene	12.160	106	1592	1.031	ug/L	64
57) 1,1,2,2-Tetrachloroethane	12.934	83	852	0.989	ug/L	96
59) Bromoform	12.324	173	187	0.808	ug/L #	18
61) 1,2,3-Trichloropropane	13.550	75	2142	5.606	ug/L	92
63) 1,2,4-Trimethylbenzene	13.245	105	6966	3.517	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	1000	1.033	ug/L #	1
68) 1,2-Dibromo-3-chloropr...	14.739	75	2415	27.583	ug/L #	64
72) 1,2,3-Trichlorobenzene	15.562	180	573	1.057	ug/L #	19

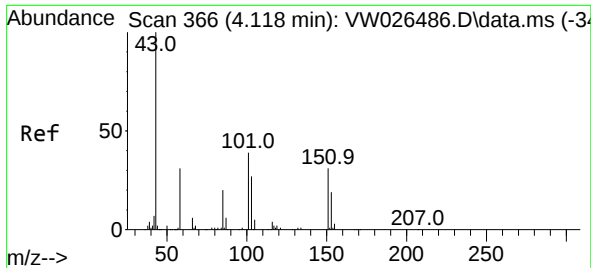
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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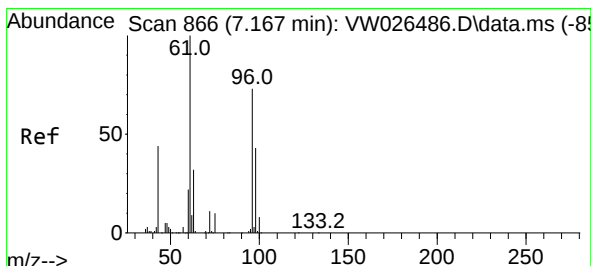
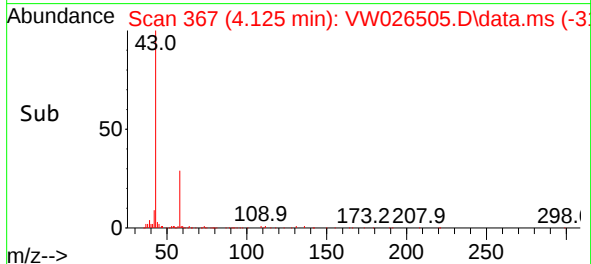
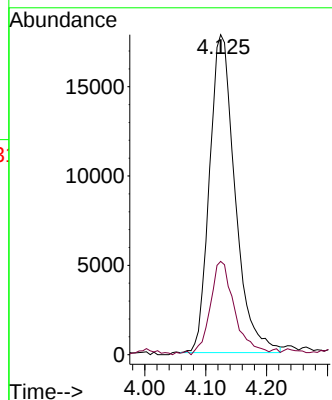
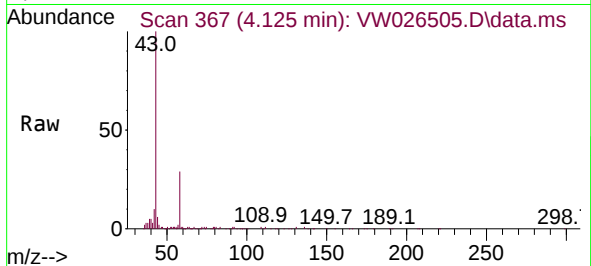




#13
Acetone
Concen: 144.384 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW026505.D
Acq: 01 Jul 2023 05:12

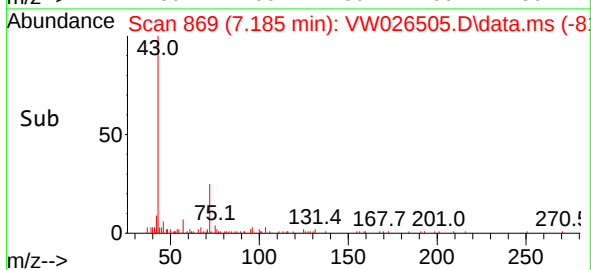
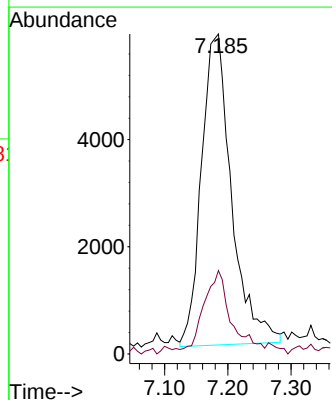
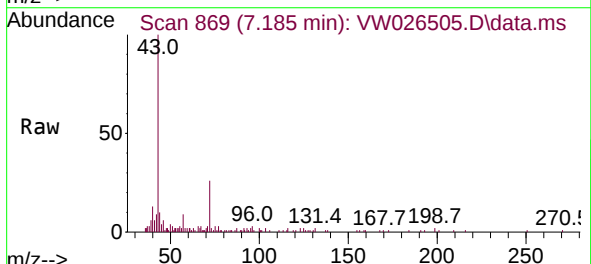
Instrument :
MSVOA_W
ClientSampleId :
A46X6

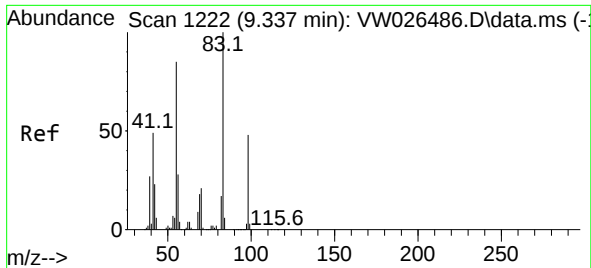
Tgt Ion: 43 Resp: 51983
Ion Ratio Lower Upper
43 100
58 27.9 0.0 63.2



#22
2-Butanone
Concen: 32.581 ug/L
RT: 7.185 min Scan# 869
Delta R.T. 0.018 min
Lab File: VW026505.D
Acq: 01 Jul 2023 05:12

Tgt Ion: 43 Resp: 19232
Ion Ratio Lower Upper
43 100
72 22.8 12.6 37.8





#35

Methylcyclohexane

Concen: 0.958 ug/L

RT: 9.337 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026505.D

Acq: 01 Jul 2023 05:12

Instrument :

MSVOA_W

ClientSampleId :

A46X6

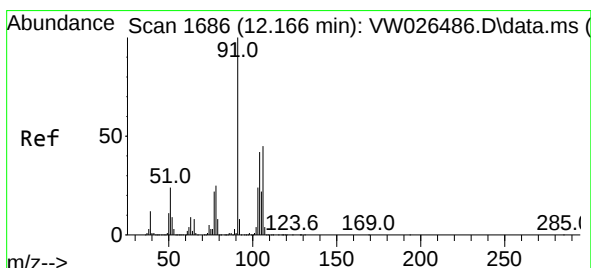
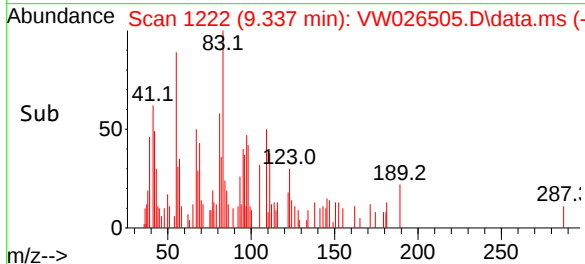
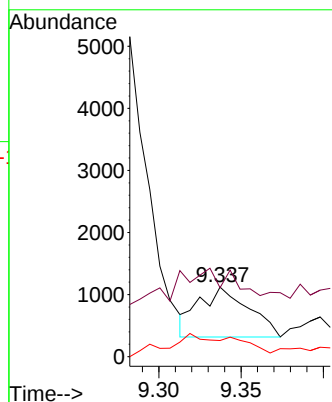
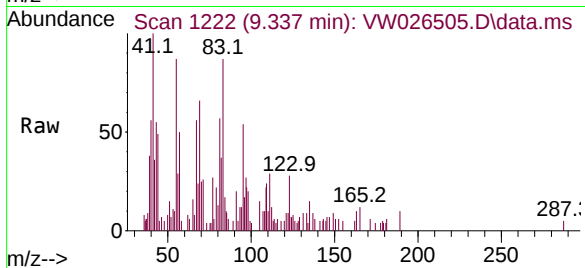
Tgt Ion: 83 Resp: 1695

Ion Ratio Lower Upper

83 100

55 12.0 66.5 99.7#

98 15.4 37.0 55.6#



#54

o-Xylene

Concen: 1.031 ug/L

RT: 12.160 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW026505.D

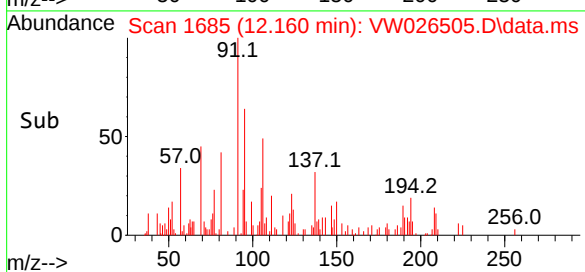
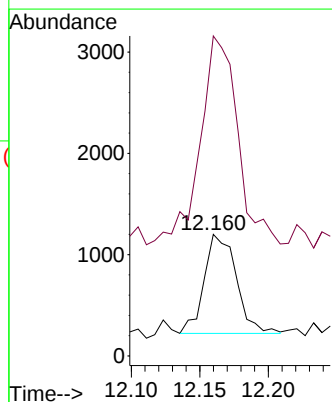
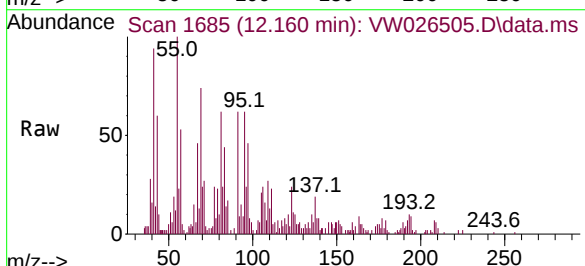
Acq: 01 Jul 2023 05:12

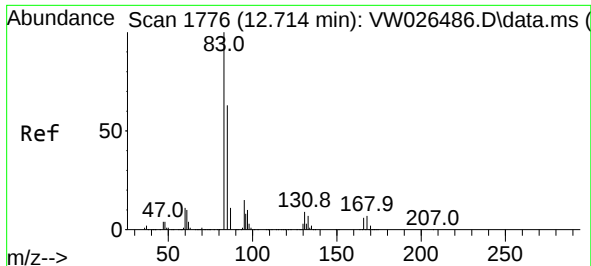
Tgt Ion: 106 Resp: 1592

Ion Ratio Lower Upper

106 100

91 263.3 145.5 270.1

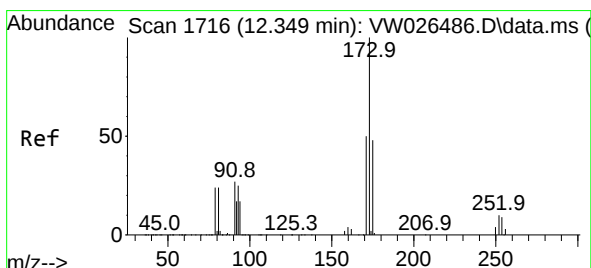
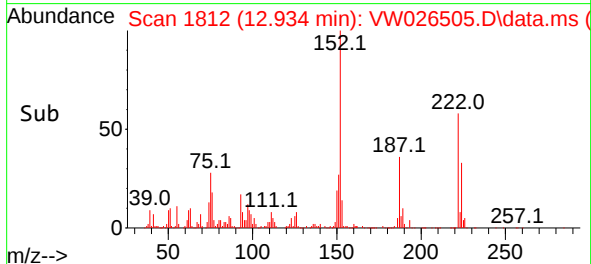
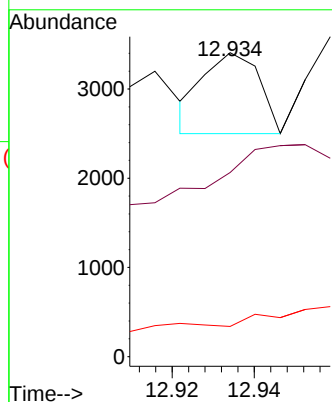
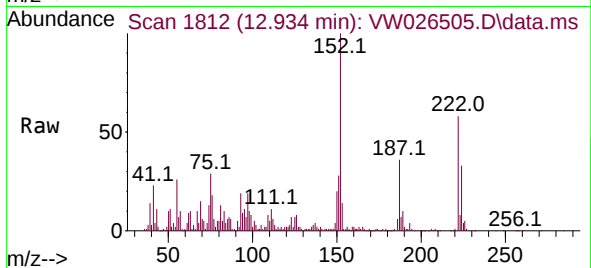




#57
1,1,2,2-Tetrachloroethane
Concen: 0.989 ug/L
RT: 12.934 min Scan# 1776
Delta R.T. 0.220 min
Lab File: VW026505.D
Acq: 01 Jul 2023 05:12

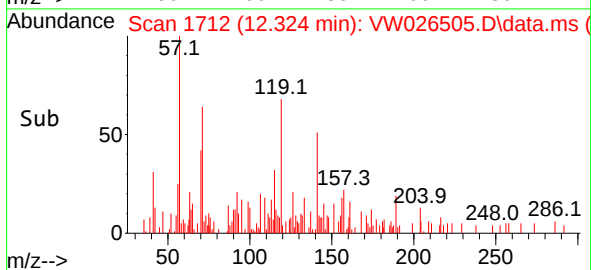
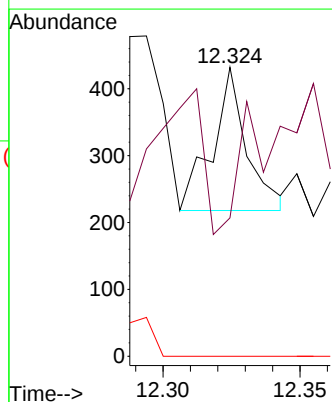
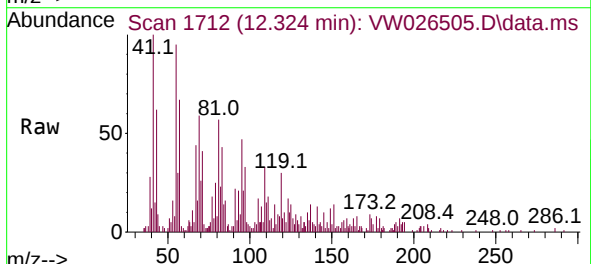
Instrument :
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A46X6

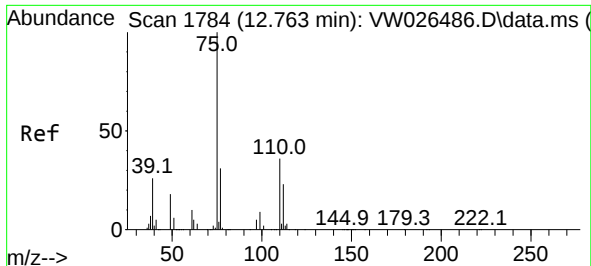
Tgt Ion: 83	Resp:	852
Ion Ratio	Lower	Upper
83	100	
85	60.6	44.6 82.8
131	9.9	7.2 10.8



#59
Bromoform
Concen: 0.808 ug/L
RT: 12.324 min Scan# 1712
Delta R.T. -0.024 min
Lab File: VW026505.D
Acq: 01 Jul 2023 05:12

Tgt Ion: 173	Resp:	187
Ion Ratio	Lower	Upper
173	100	
175	108.6	37.4 56.2#
254	0.0	7.3 10.9#





#61

1,2,3-Trichloropropane

Concen: 5.606 ug/L

RT: 13.550 min Scan# 1913

Delta R.T. 0.787 min

Lab File: VW026505.D

Acq: 01 Jul 2023 05:12

Instrument :

MSVOA_W

ClientSampleId :

A46X6

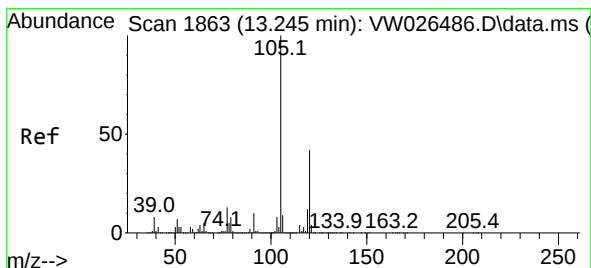
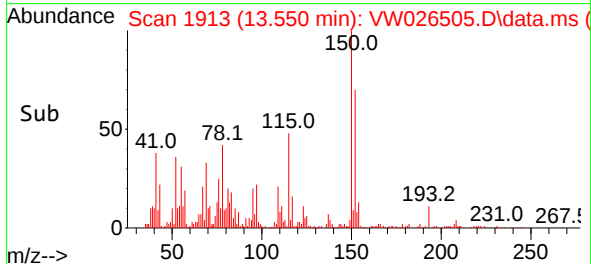
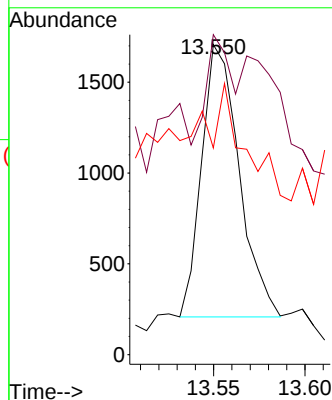
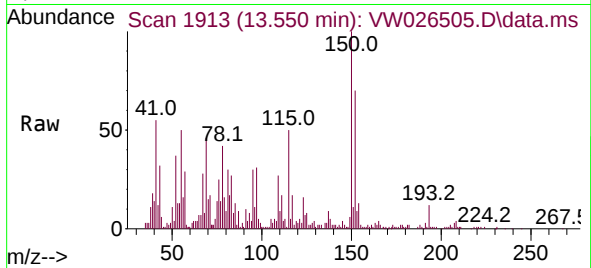
Tgt Ion: 75 Resp: 2142

Ion Ratio Lower Upper

75 100

77 34.4 25.2 37.8

110 28.9 28.2 42.4



#63

1,2,4-Trimethylbenzene

Concen: 3.517 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW026505.D

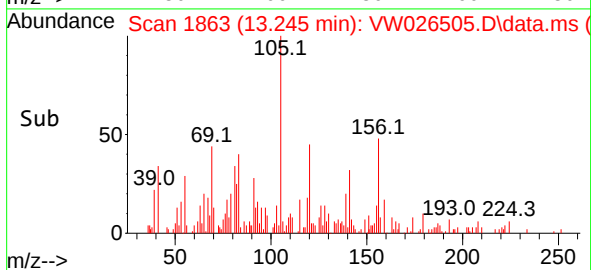
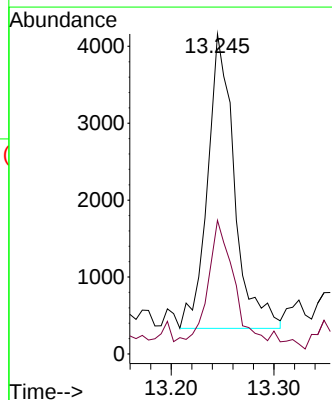
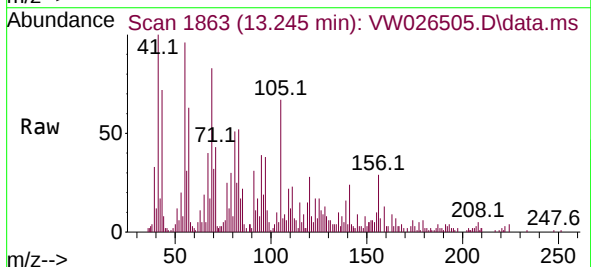
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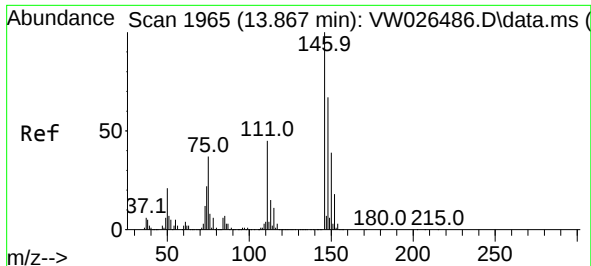
Tgt Ion: 105 Resp: 6966

Ion Ratio Lower Upper

105 100

120 37.6 36.0 54.0





#67

1,2-Dichlorobenzene

Concen: 1.033 ug/L

RT: 13.867 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026505.D

Acq: 01 Jul 2023 05:12

Instrument :

MSVOA_W

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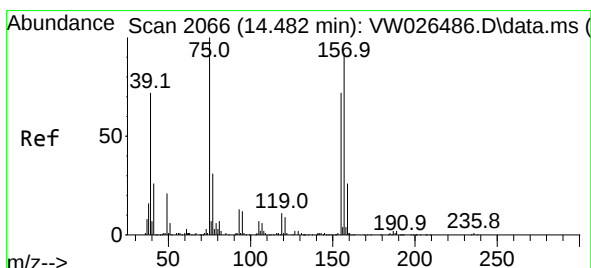
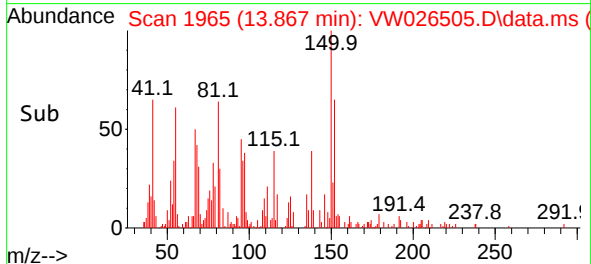
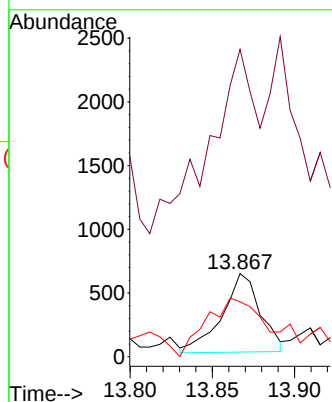
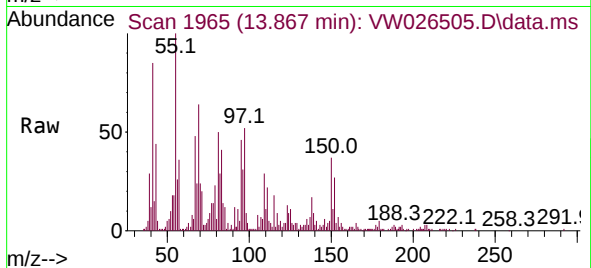
Tgt Ion:146 Resp: 1000

Ion Ratio Lower Upper

146 100

111 370.1 34.7 52.1#

148 66.1 49.6 74.4



#68

1,2-Dibromo-3-chloropropane

Concen: 27.583 ug/L

RT: 14.739 min Scan# 2108

Delta R.T. 0.256 min

Lab File: VW026505.D

Acq: 01 Jul 2023 05:12

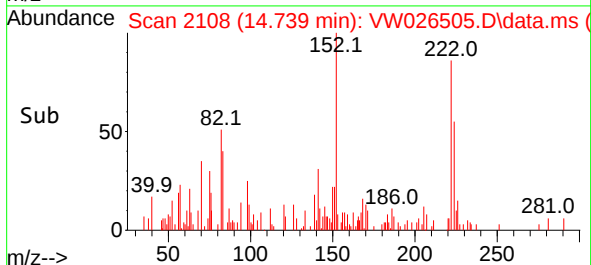
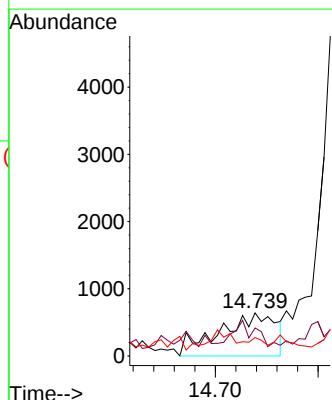
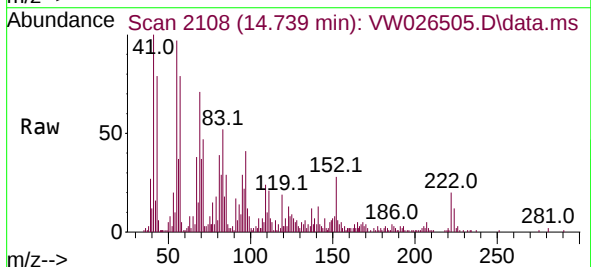
Tgt Ion: 75 Resp: 2415

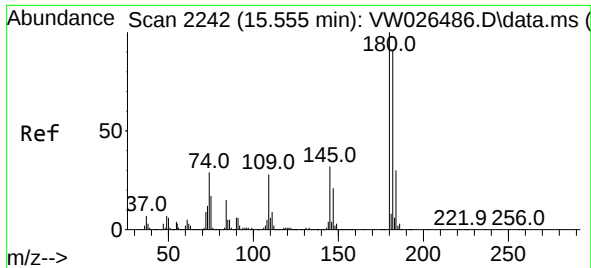
Ion Ratio Lower Upper

75 100

155 64.9 58.5 87.7

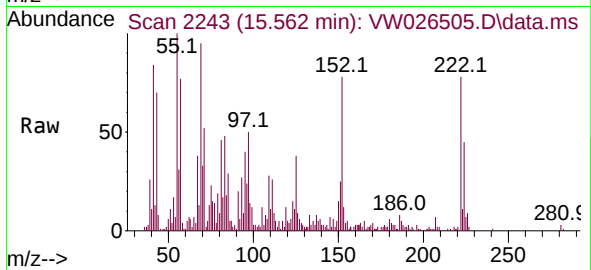
157 42.7 77.4 116.2#





#72
 1,2,3-Trichlorobenzene
 Concen: 1.057 ug/L
 RT: 15.562 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW026505.D
 Acq: 01 Jul 2023 05:12

Instrument :
 MSVOA_W
 ClientSampleId :
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Tgt Ion:180 Resp: 573
 Ion Ratio Lower Upper
 180 100
 182 8.0 75.7 113.5#
 145 0.0 27.0 40.6#

