

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
 Data File : VW026531.D
 Acq On : 05 Jul 2023 14:31
 Operator : SY/MD
 Sample : 03501-11RE
 Misc : 2.96g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46X6

Quant Time: Jul 06 02:29:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 04 13:17:14 2023
 Response via : Initial Calibration

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

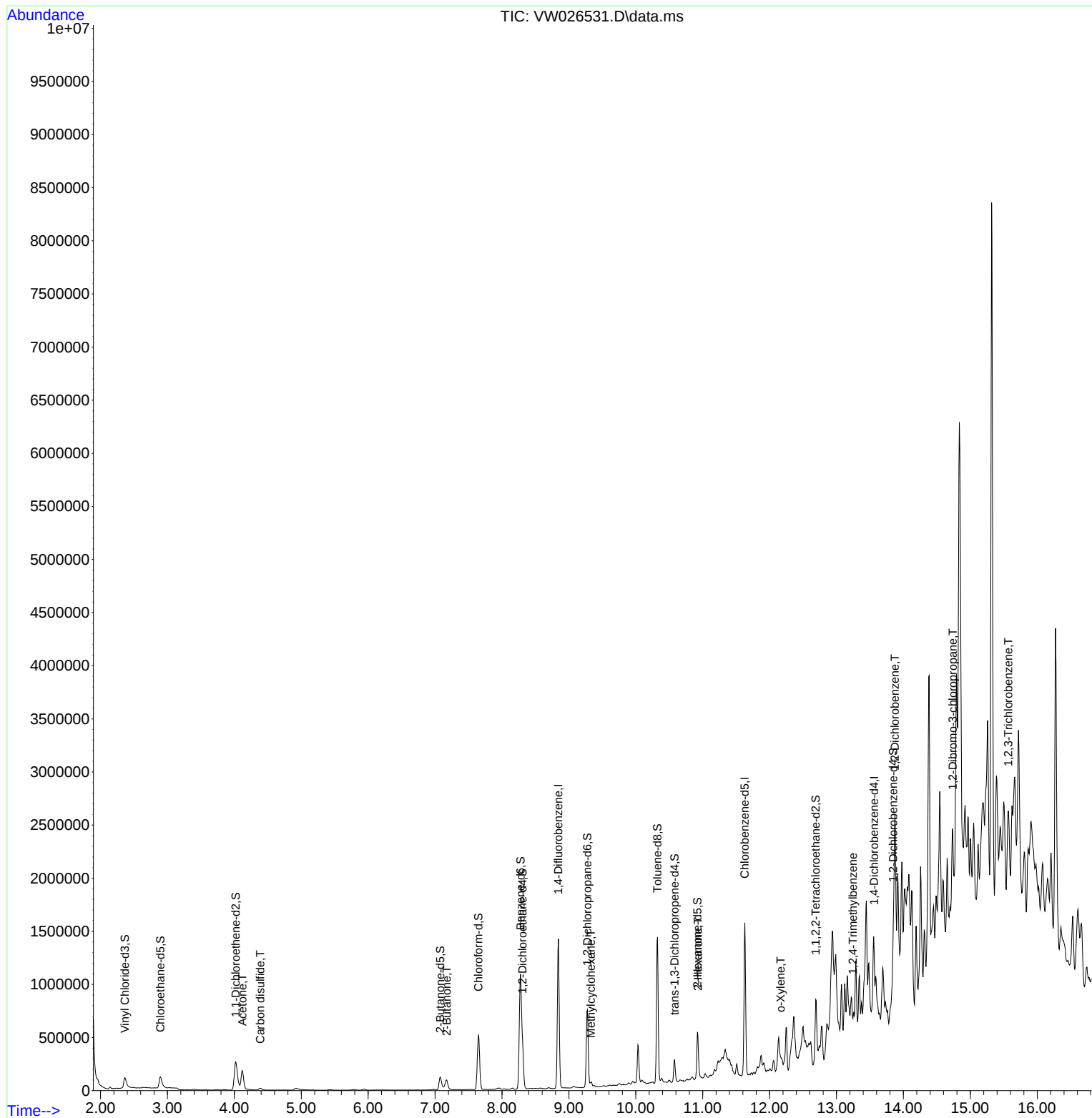
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	1103550	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	744673	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.562	152	195851	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	198183	11.943	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.760%
7) Chloroethane-d5	2.893	69	181098	13.192	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.760%
11) 1,1-Dichloroethene-d2	4.021	65	111866	14.453	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.800%
21) 2-Butanone-d5	7.075	46	215669	33.974	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.940%
24) Chloroform-d	7.648	84	525549	16.165	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	64.640%
26) 1,2-Dichloroethane-d4	8.307	65	305248	16.142	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	64.560%#
32) Benzene-d6	8.276	84	1096829	23.101	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	9.276	67	354099	23.392	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.560%
41) Toluene-d8	10.325	98	874226	20.510	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.040%
43) trans-1,3-Dichloroprop...	10.581	79	118028	19.224	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.880%
47) 2-Hexanone-d5	10.922	63	146730	48.684	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.360%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	234786	17.726	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	139750	17.967	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.880%#
Target Compounds					Qvalue	
13) Acetone	4.118	43	311363	79.084	ug/L	100
14) Carbon disulfide	4.387	76	36088	0.816	ug/L #	94
22) 2-Butanone	7.173	43	147981	20.195	ug/L	99
35) Methylcyclohexane	9.331	83	14460	0.688	ug/L #	63
48) 2-Hexanone	10.928	43	36963	5.185	ug/L #	46
54) o-Xylene	12.166	106	14567	0.709	ug/L	80
63) 1,2,4-Trimethylbenzene	13.245	105	69542	2.919	ug/L	100
67) 1,2-Dichlorobenzene	13.873	146	28922	2.402	ug/L #	1
68) 1,2-Dibromo-3-chloropr...	14.738	75	1857	1.443	ug/L #	1
72) 1,2,3-Trichlorobenzene	15.567	180	6367	1.028	ug/L #	1

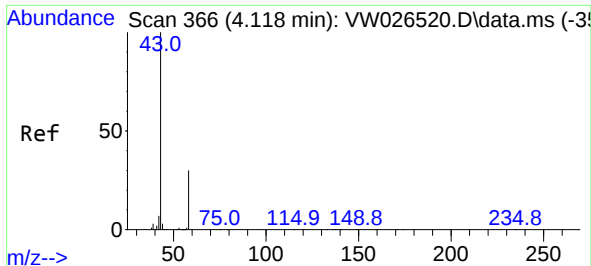
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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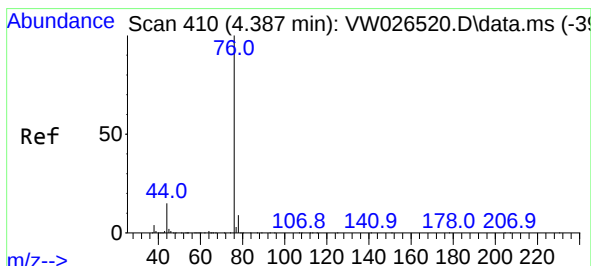
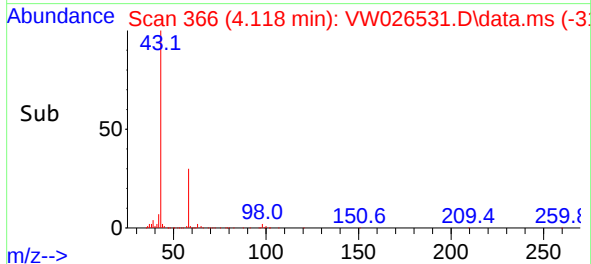
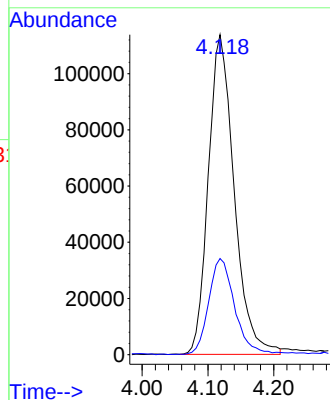
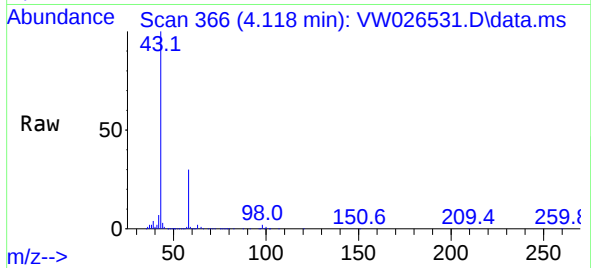




#13
Acetone
Concen: 79.084 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW026531.D
Acq: 05 Jul 2023 14:31

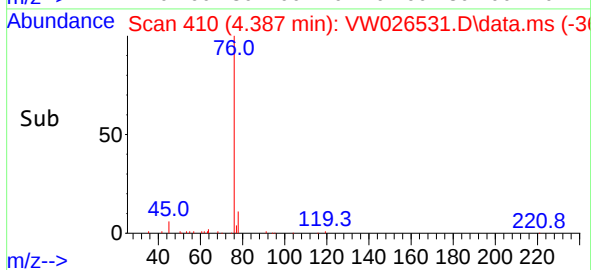
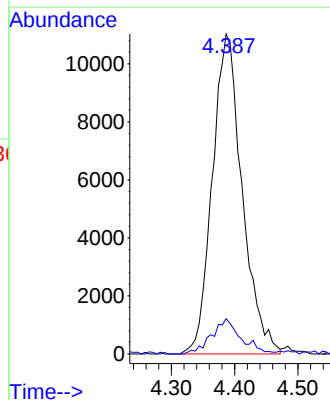
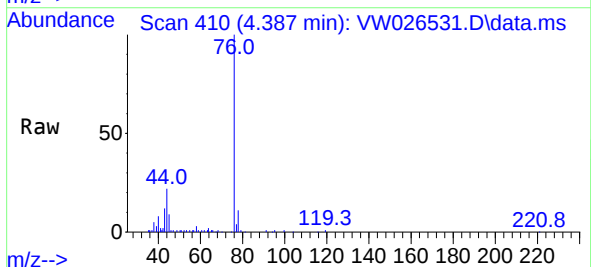
Instrument :
MSVOA_W
ClientSampleId :
A46X6

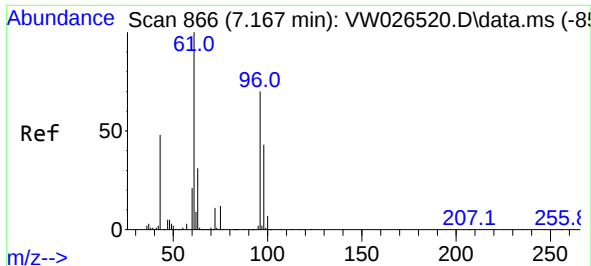
Tgt Ion: 43 Resp: 311363
Ion Ratio Lower Upper
43 100
58 29.8 0.0 59.6



#14
Carbon disulfide
Concen: 0.816 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.012 min
Lab File: VW026531.D
Acq: 05 Jul 2023 14:31

Tgt Ion: 76 Resp: 36088
Ion Ratio Lower Upper
76 100
78 11.0 7.2 10.8#

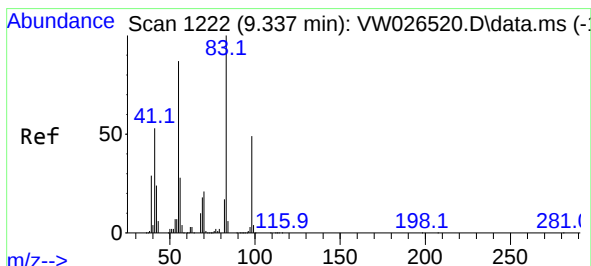
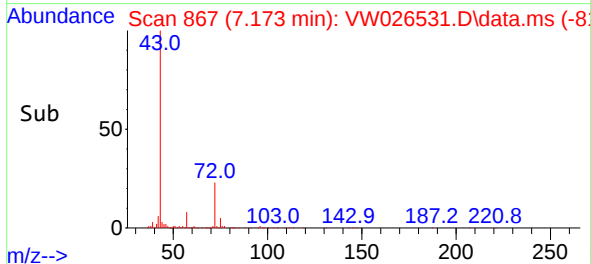
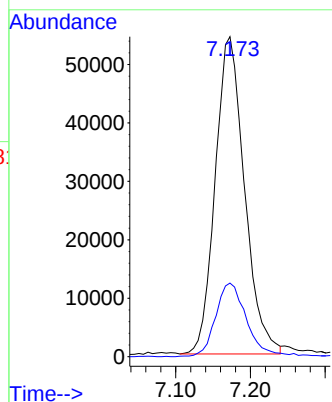
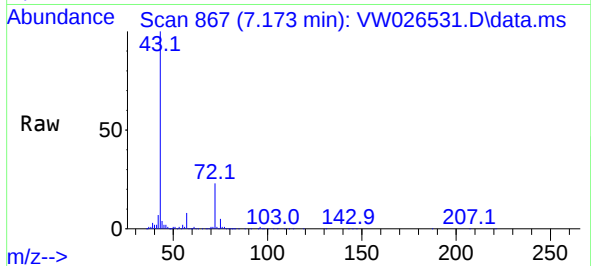




#22
2-Butanone
Concen: 20.195 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW026531.D
Acq: 05 Jul 2023 14:31

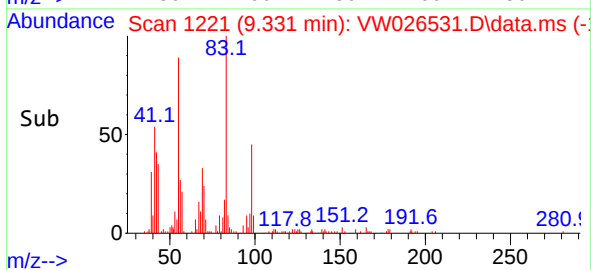
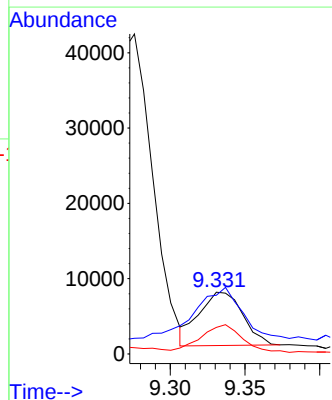
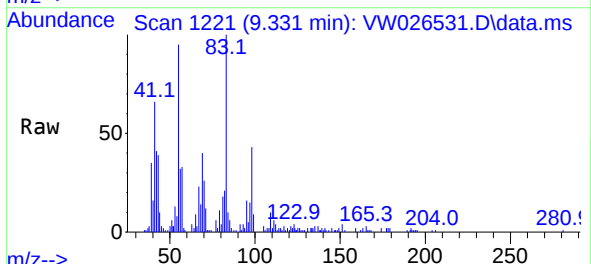
Instrument :
MSVOA_W
ClientSampleId :
A46X6

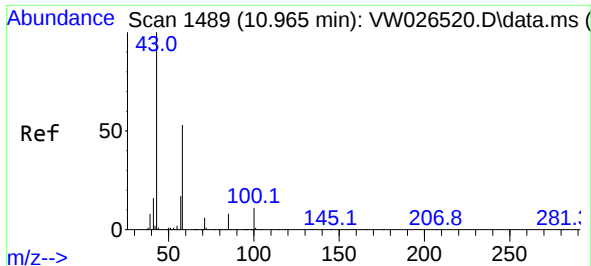
Tgt Ion: 43 Resp: 147981
Ion Ratio Lower Upper
43 100
72 23.7 12.0 36.1



#35
Methylcyclohexane
Concen: 0.688 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW026531.D
Acq: 05 Jul 2023 14:31

Tgt Ion: 83 Resp: 14460
Ion Ratio Lower Upper
83 100
55 134.6 67.5 101.3#
98 48.7 37.3 55.9





#48

2-Hexanone

Concen: 5.185 ug/L

RT: 10.928 min Scan# 1489

Delta R.T. -0.037 min

Lab File: VW026531.D

Acq: 05 Jul 2023 14:31

Instrument :

MSVOA_W

ClientSampleId :

A46X6

Tgt Ion: 43 Resp: 36963

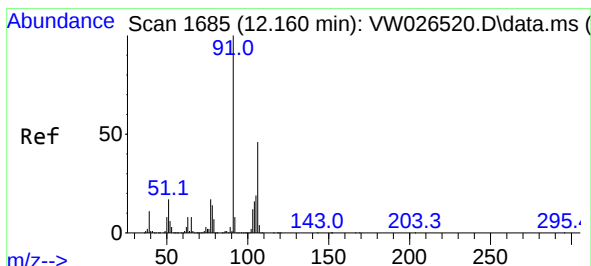
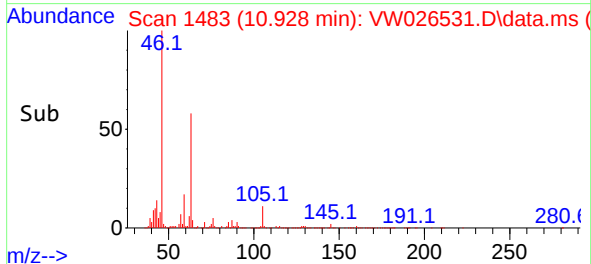
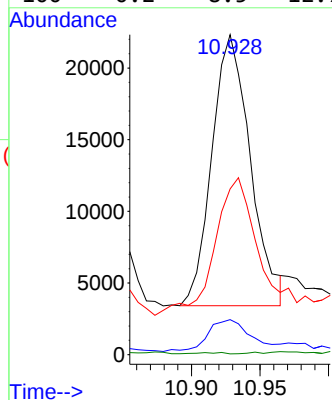
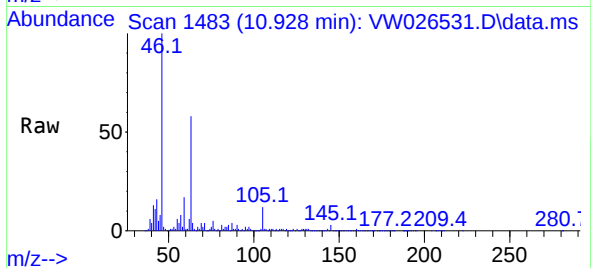
Ion Ratio Lower Upper

43 100

58 11.6 39.9 59.9#

57 46.9 14.1 21.1#

100 0.2 8.5 12.7#



#54

o-Xylene

Concen: 0.709 ug/L

RT: 12.166 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VW026531.D

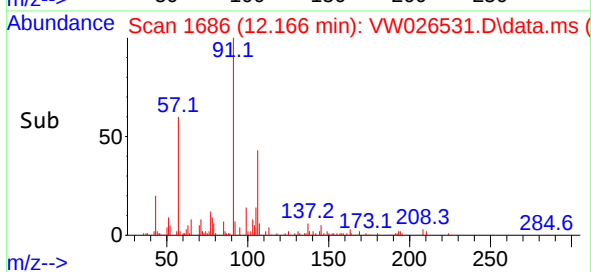
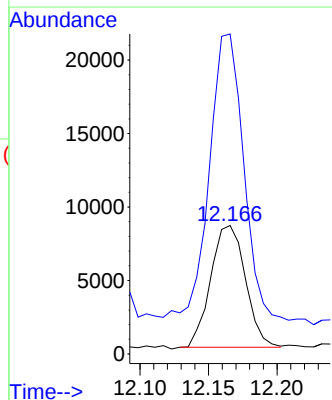
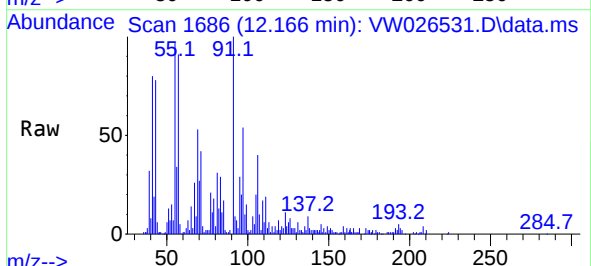
Acq: 05 Jul 2023 14:31

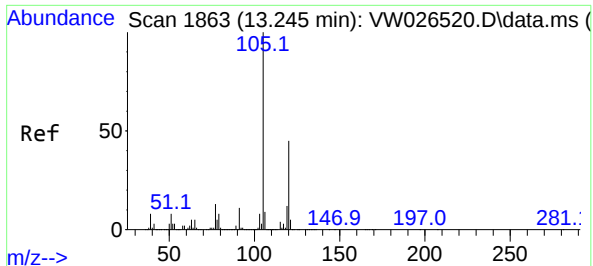
Tgt Ion:106 Resp: 14567

Ion Ratio Lower Upper

106 100

91 249.1 151.8 282.0

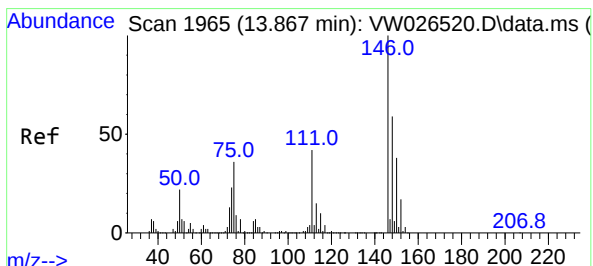
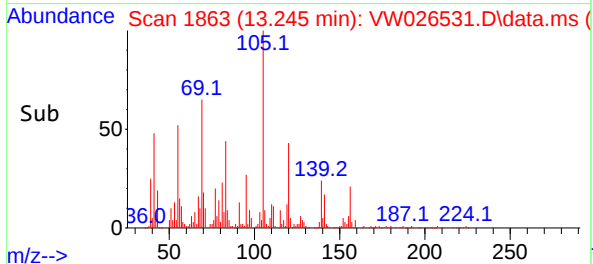
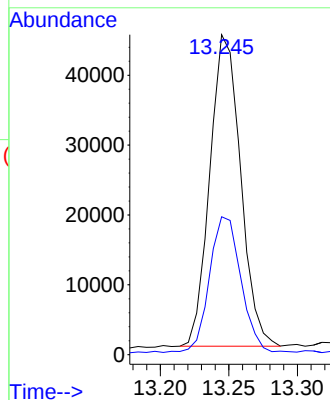
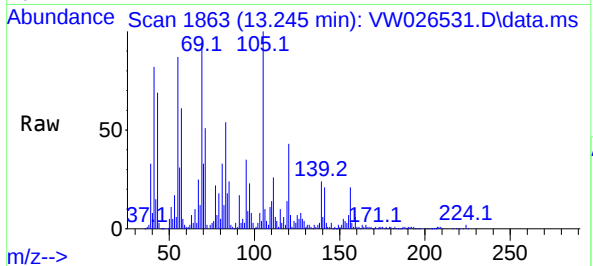




#63
1,2,4-Trimethylbenzene
Concen: 2.919 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW026531.D
Acq: 05 Jul 2023 14:31

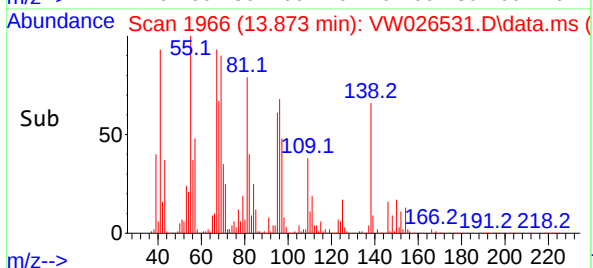
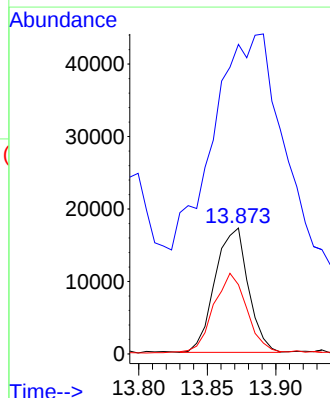
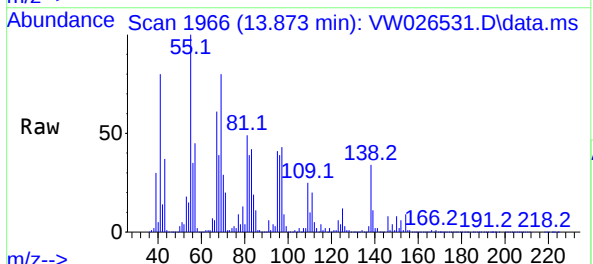
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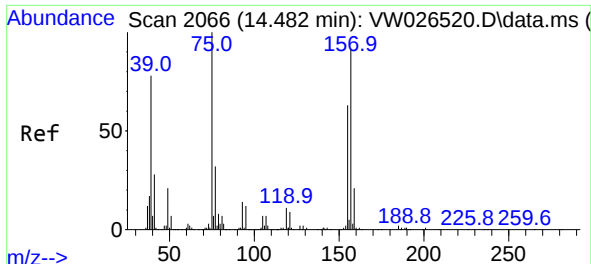
Tgt Ion:105 Resp: 69542
Ion Ratio Lower Upper
105 100
120 44.3 35.5 53.3



#67
1,2-Dichlorobenzene
Concen: 2.402 ug/L
RT: 13.873 min Scan# 1966
Delta R.T. 0.006 min
Lab File: VW026531.D
Acq: 05 Jul 2023 14:31

Tgt Ion:146 Resp: 28922
Ion Ratio Lower Upper
146 100
111 245.9 36.6 55.0#
148 55.1 55.1 82.7#

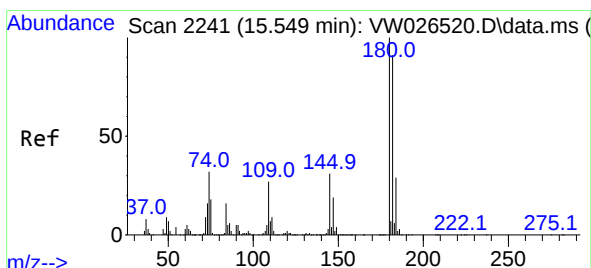
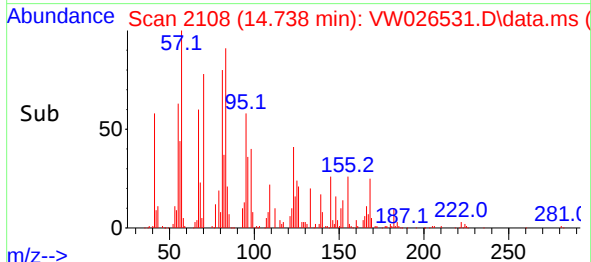
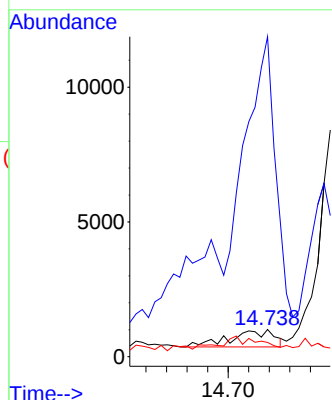
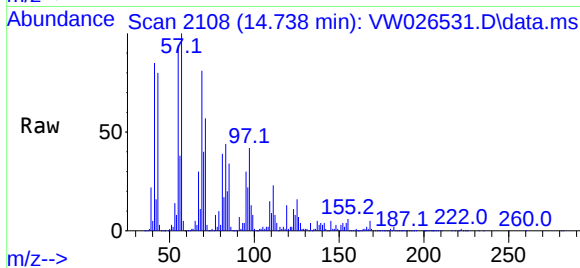




#68
1,2-Dibromo-3-chloropropane
Concen: 1.443 ug/L
RT: 14.738 min Scan# 2108
Delta R.T. 0.256 min
Lab File: VW026531.D
Acq: 05 Jul 2023 14:31

Instrument :
MSVOA_W
ClientSampleId :
A46X6

Tgt Ion: 75 Resp: 1857
Ion Ratio Lower Upper
75 100
155 1174.6 57.3 85.9#
157 52.1 76.9 115.3#



#72
1,2,3-Trichlorobenzene
Concen: 1.028 ug/L
RT: 15.567 min Scan# 2244
Delta R.T. 0.018 min
Lab File: VW026531.D
Acq: 05 Jul 2023 14:31

Tgt Ion:180 Resp: 6367
Ion Ratio Lower Upper
180 100
182 82.0 75.3 112.9
145 607.8 29.0 43.6#

