

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070523\
 Data File : VW026526.D
 Acq On : 05 Jul 2023 12:30
 Operator : SY/MD
 Sample : 03504-06
 Misc : 4.38g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

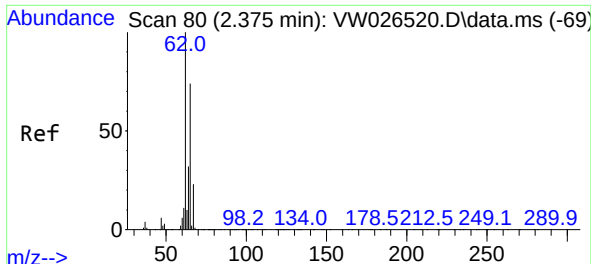
Instrument :
 MSVOA_W
 ClientSampleId :
 A46W3

Quant Time: Jul 06 02:28:27 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	939298	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	720884	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	265171	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	233350	16.521	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.080%
7) Chloroethane-d5	2.893	69	211380	18.090	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.360%
11) 1,1-Dichloroethene-d2	4.021	65	118493	17.987	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.960%
21) 2-Butanone-d5	7.075	46	198185	36.679	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.360%
24) Chloroform-d	7.648	84	544274	19.668	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.680%
26) 1,2-Dichloroethane-d4	8.306	65	334627	20.790	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.160%
32) Benzene-d6	8.276	84	1103834	24.016	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.080%
36) 1,2-Dichloropropane-d6	9.276	67	363069	24.776	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.120%
41) Toluene-d8	10.324	98	892327	21.625	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.520%
43) trans-1,3-Dichloroprop...	10.574	79	131581	22.139	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.560%
47) 2-Hexanone-d5	10.922	63	125022	42.850	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.700%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	270771	21.117	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	209003	19.846	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.400%
Target Compounds						Qvalue
5) Vinyl chloride	2.375	62	28757	1.687	ug/L #	74
8) Chloroethane	2.935	64	110039	10.714	ug/L	100
13) Acetone	4.118	43	140300	41.867	ug/L	97
14) Carbon disulfide	4.393	76	38528	1.024	ug/L	97
19) 1,1-Dichloroethane	6.215	63	84334	2.936	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	18821	1.230	ug/L	96
22) 2-Butanone	7.173	43	56126	8.999	ug/L	99
35) Methylcyclohexane	9.331	83	39591	1.947	ug/L #	64
48) 2-Hexanone	10.928	43	37133	5.381	ug/L #	44
52) Ethylbenzene	11.733	91	52874	0.942	ug/L	96
53) m,p-Xylene	11.842	106	25240	1.230	ug/L	100
67) 1,2-Dichlorobenzene	13.866	146	148901	9.135	ug/L #	88
68) 1,2-Dibromo-3-chloropr...	14.415	75	2686	1.542	ug/L #	30
72) 1,2,3-Trichlorobenzene	15.567	180	6082	0.725	ug/L #	69

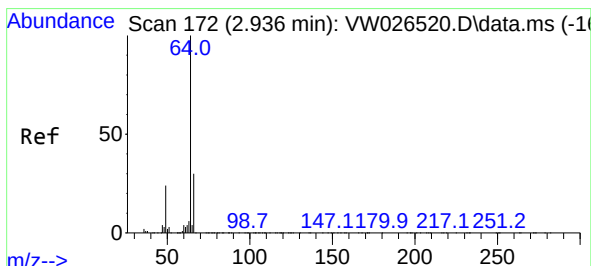
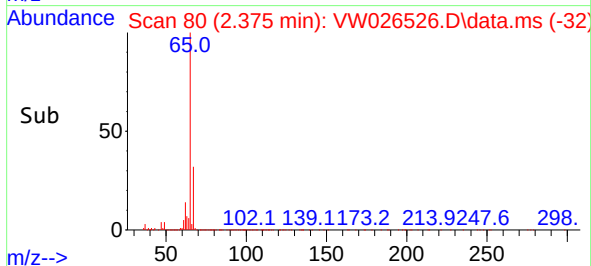
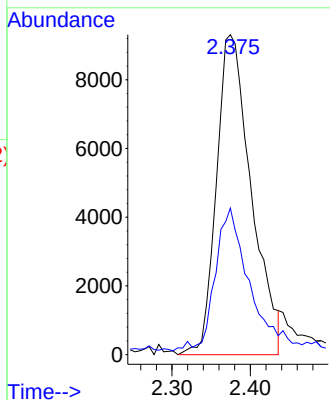
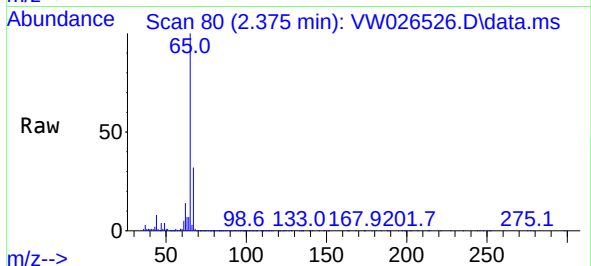
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 1.687 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: VW026526.D
 Acq: 05 Jul 2023 12:30

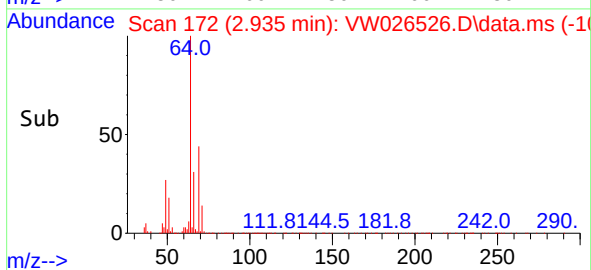
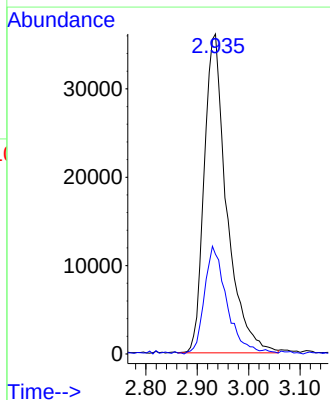
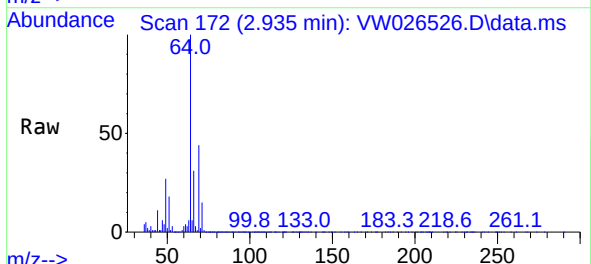
Instrument :
 MSVOA_W
 ClientSampleId :
 A46W3

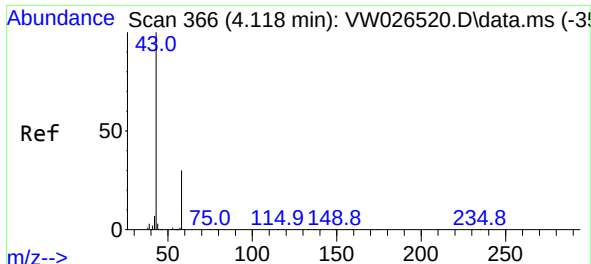
Tgt Ion: 62 Resp: 28757
 Ion Ratio Lower Upper
 62 100
 64 45.8 22.1 41.1#



#8
 Chloroethane
 Concen: 10.714 ug/L
 RT: 2.935 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VW026526.D
 Acq: 05 Jul 2023 12:30

Tgt Ion: 64 Resp: 110039
 Ion Ratio Lower Upper
 64 100
 66 31.1 21.6 40.2

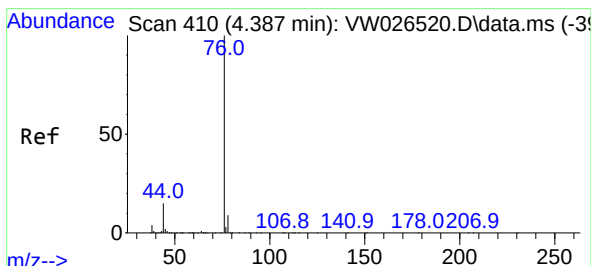
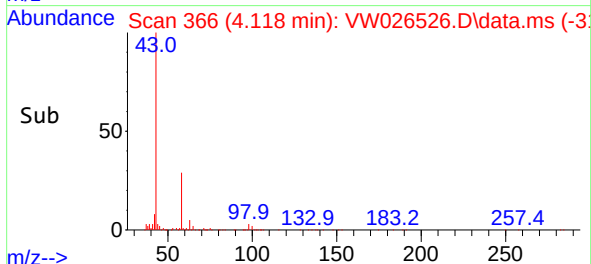
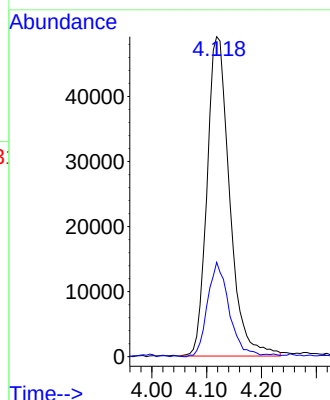
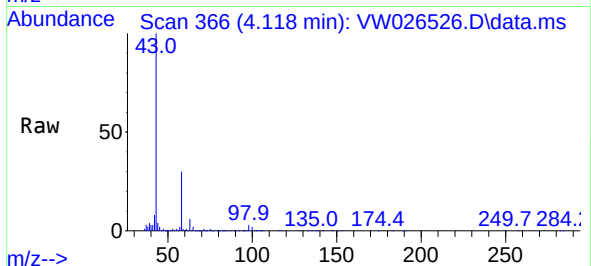




#13
Acetone
Concen: 41.867 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW026526.D
Acq: 05 Jul 2023 12:30

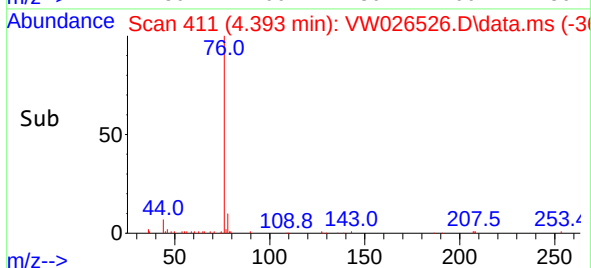
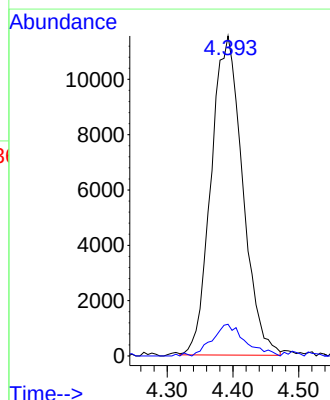
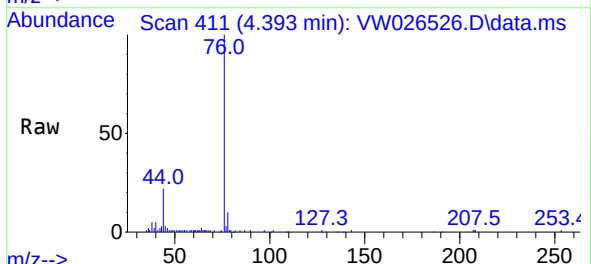
Instrument : MSVOA_W
ClientSampleId : A46W3

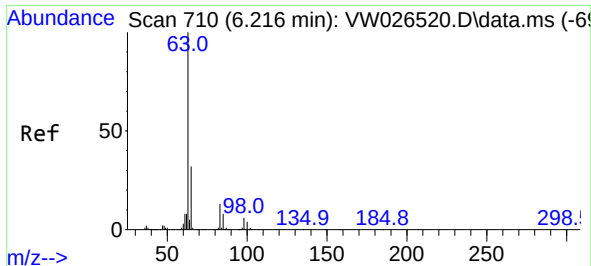
Tgt Ion: 43 Resp: 140300
Ion Ratio Lower Upper
43 100
58 28.2 0.0 59.6



#14
Carbon disulfide
Concen: 1.024 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.007 min
Lab File: VW026526.D
Acq: 05 Jul 2023 12:30

Tgt Ion: 76 Resp: 38528
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8





#19

1,1-Dichloroethane

Concen: 2.936 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW026526.D

Acq: 05 Jul 2023 12:30

Instrument :

MSVOA_W

ClientSampleId :

A46W3

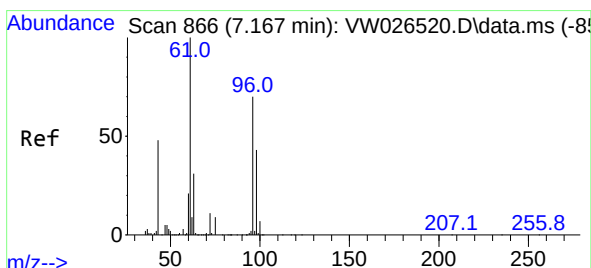
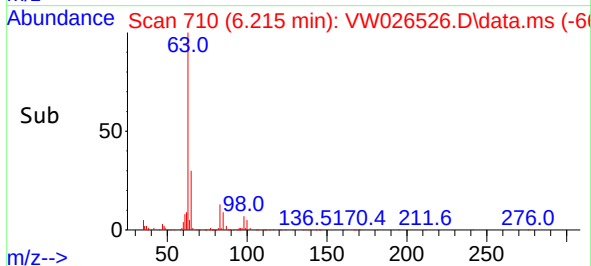
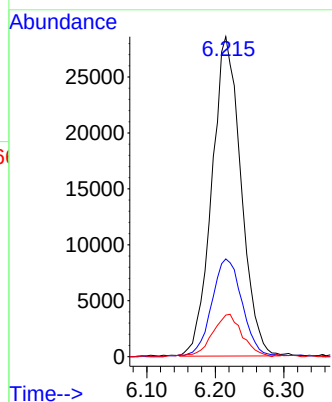
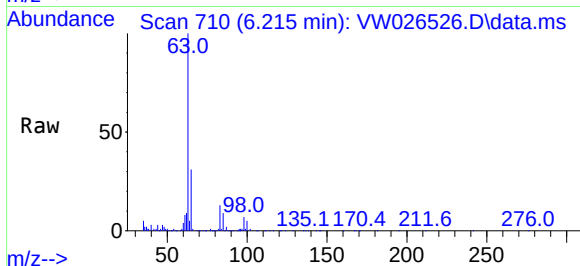
Tgt Ion: 63 Resp: 84334

Ion Ratio Lower Upper

63 100

65 30.6 21.8 40.4

83 13.0 8.6 16.0



#20

cis-1,2-Dichloroethene

Concen: 1.230 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW026526.D

Acq: 05 Jul 2023 12:30

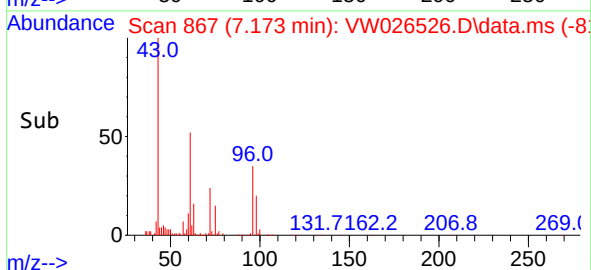
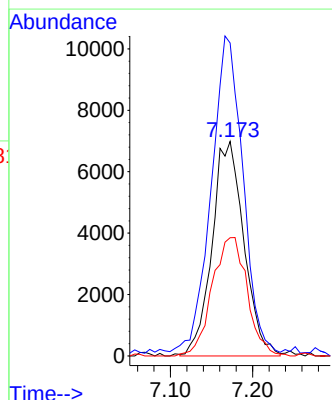
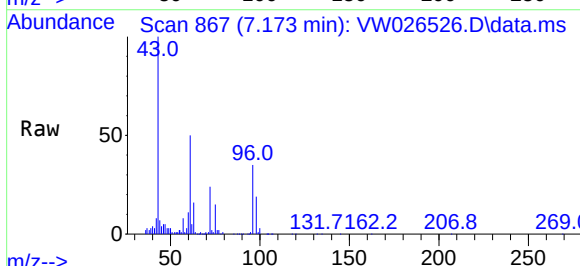
Tgt Ion: 96 Resp: 18821

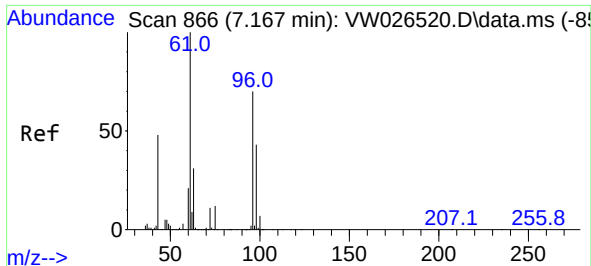
Ion Ratio Lower Upper

96 100

61 145.9 101.9 189.3

98 55.1 45.9 85.3

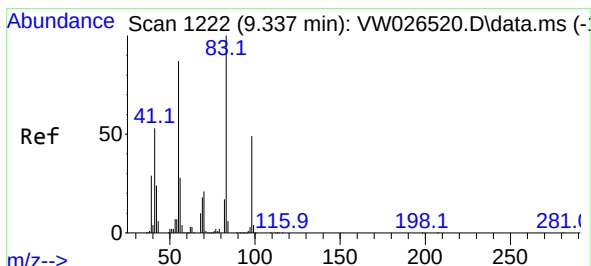
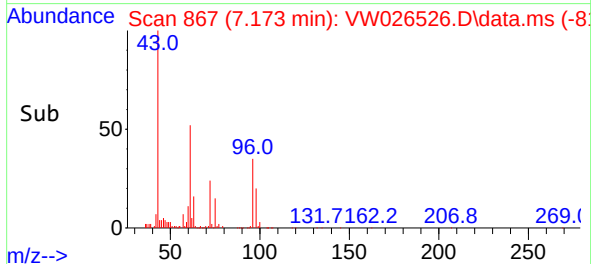
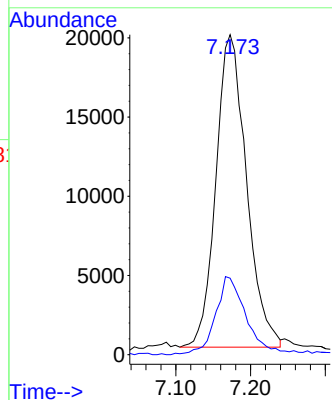
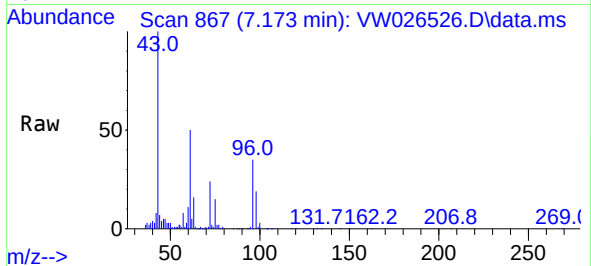




#22
2-Butanone
Concen: 8.999 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW026526.D
Acq: 05 Jul 2023 12:30

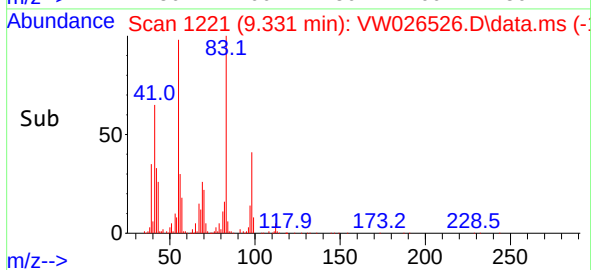
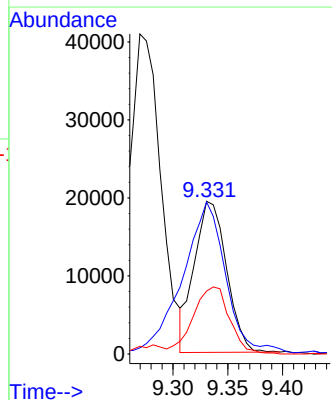
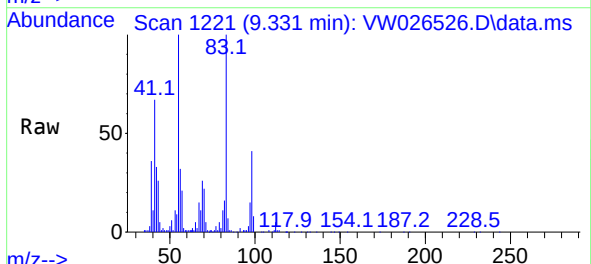
Instrument :
MSVOA_W
ClientSampleId :
A46W3

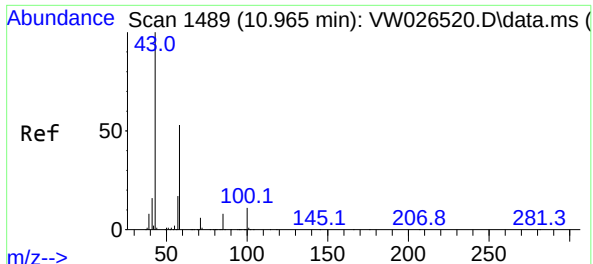
Tgt Ion: 43 Resp: 56126
Ion Ratio Lower Upper
43 100
72 24.4 12.0 36.1



#35
Methylcyclohexane
Concen: 1.947 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.007 min
Lab File: VW026526.D
Acq: 05 Jul 2023 12:30

Tgt Ion: 83 Resp: 39591
Ion Ratio Lower Upper
83 100
55 132.6 67.5 101.3#
98 50.2 37.3 55.9

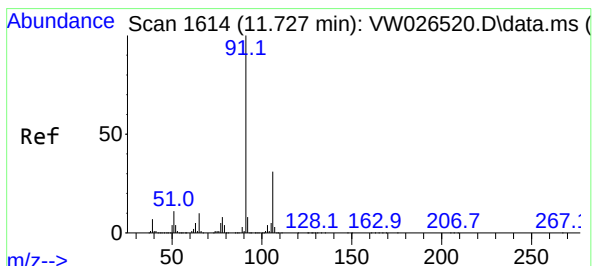
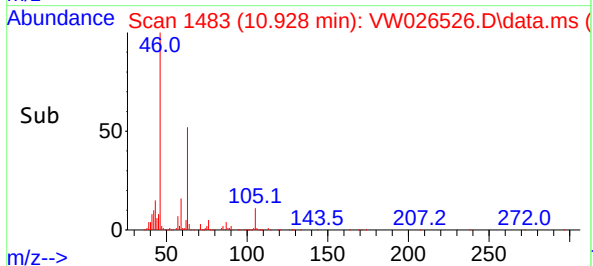
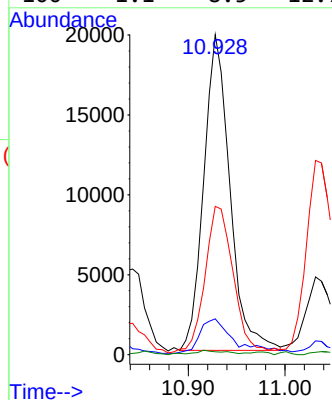
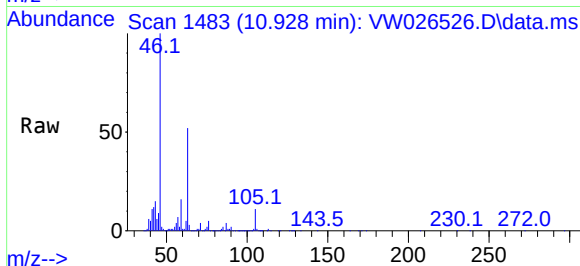




#48
2-Hexanone
Concen: 5.381 ug/L
RT: 10.928 min Scan# 1483
Delta R.T. -0.037 min
Lab File: VW026526.D
Acq: 05 Jul 2023 12:30

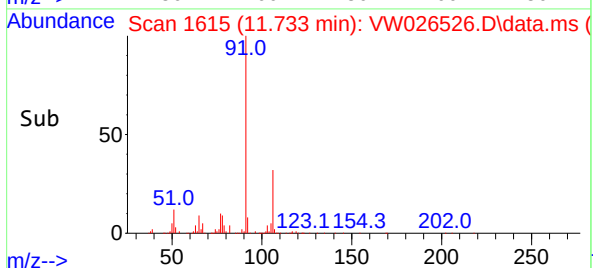
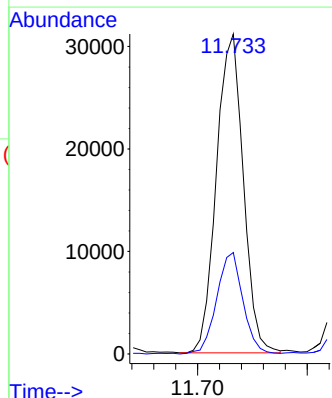
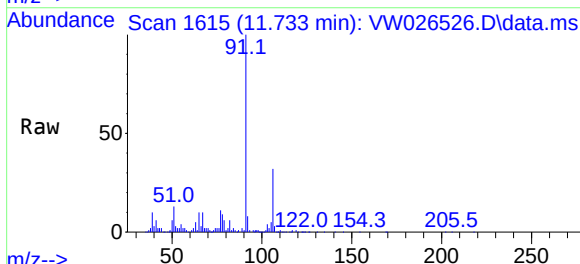
Instrument :
MSVOA_W
ClientSampleId :
A46W3

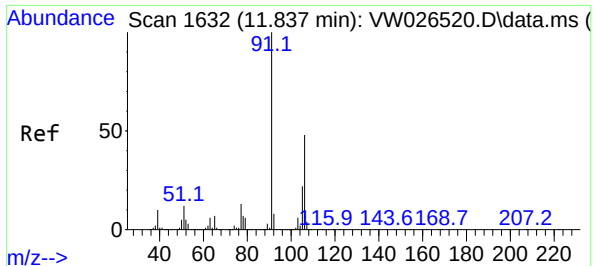
Tgt Ion: 43	Resp: 37133
Ion Ratio	Lower Upper
43 100	
58 11.6	39.9 59.9#
57 50.0	14.1 21.1#
100 1.1	8.5 12.7#



#52
Ethylbenzene
Concen: 0.942 ug/L
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW026526.D
Acq: 05 Jul 2023 12:30

Tgt Ion: 91	Resp: 52874		
Ion Ratio	Lower	Upper	
91 100			
106 31.7	20.7	38.5	

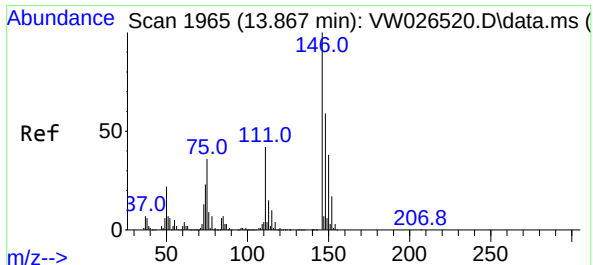
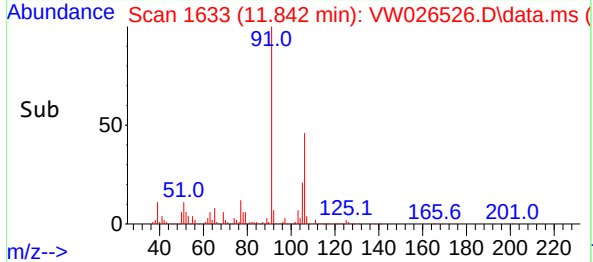
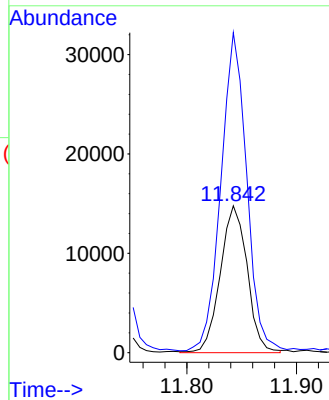
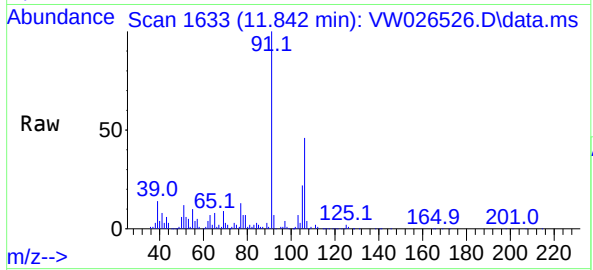




#53
m,p-Xylene
Concen: 1.230 ug/L
RT: 11.842 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW026526.D
Acq: 05 Jul 2023 12:30

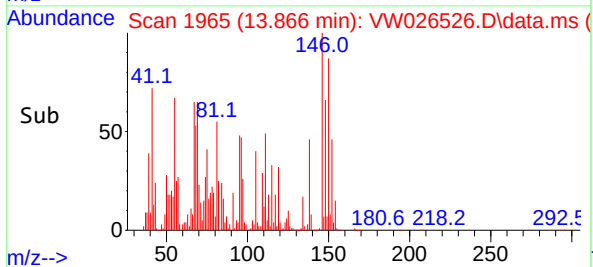
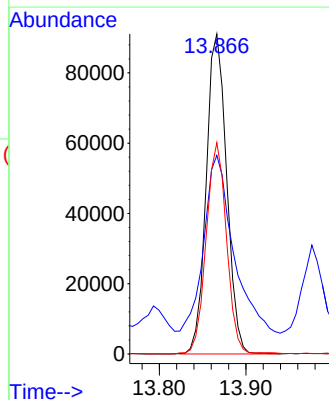
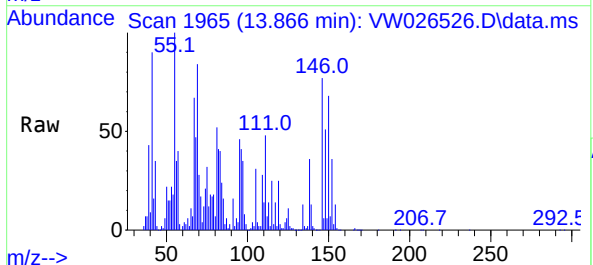
Instrument :
MSVOA_W
ClientSampleId :
A46W3

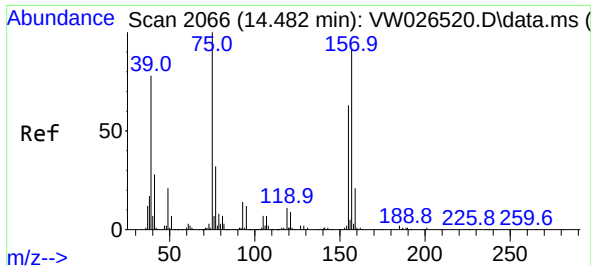
Tgt Ion:106 Resp: 25240
Ion Ratio Lower Upper
106 100
91 217.8 152.7 283.7



#67
1,2-Dichlorobenzene
Concen: 9.135 ug/L
RT: 13.866 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW026526.D
Acq: 05 Jul 2023 12:30

Tgt Ion:146 Resp: 148901
Ion Ratio Lower Upper
146 100
111 62.0 36.6 55.0#
148 66.0 55.1 82.7

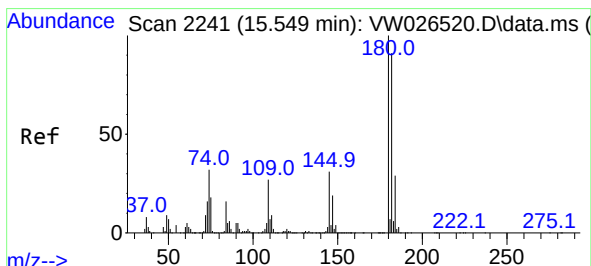
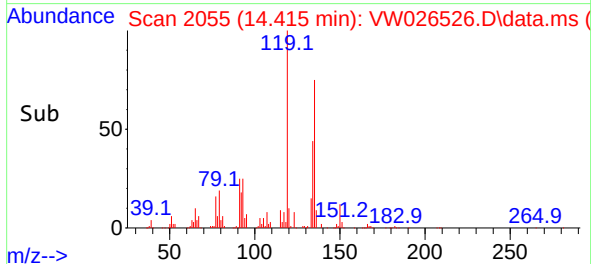
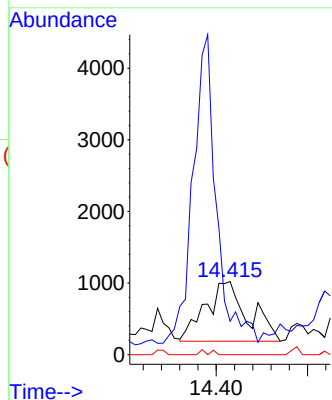
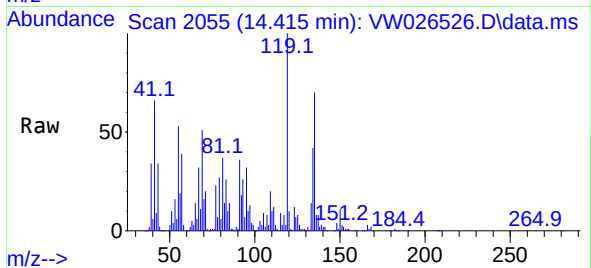




#68
 1,2-Dibromo-3-chloropropane
 Concen: 1.542 ug/L
 RT: 14.415 min Scan# 2066
 Delta R.T. -0.067 min
 Lab File: VW026526.D
 Acq: 05 Jul 2023 12:30

Instrument :
 MSVOA_W
 ClientSampleId :
 A46W3

Tgt Ion: 75 Resp: 2686
 Ion Ratio Lower Upper
 75 100
 155 45.7 57.3 85.9#
 157 0.0 76.9 115.3#



#72
 1,2,3-Trichlorobenzene
 Concen: 0.725 ug/L
 RT: 15.567 min Scan# 2244
 Delta R.T. 0.018 min
 Lab File: VW026526.D
 Acq: 05 Jul 2023 12:30

Tgt Ion: 180 Resp: 6082
 Ion Ratio Lower Upper
 180 100
 182 112.9 75.3 112.9#
 145 0.0 29.0 43.6#

