

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
 Data File : VW026776.D
 Acq On : 18 Aug 2023 17:45
 Operator : SY/MD
 Sample : 04037-14
 Misc : 5.61g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 18 23:46:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 18 23:42:21 2023
 Response via : Initial Calibration

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

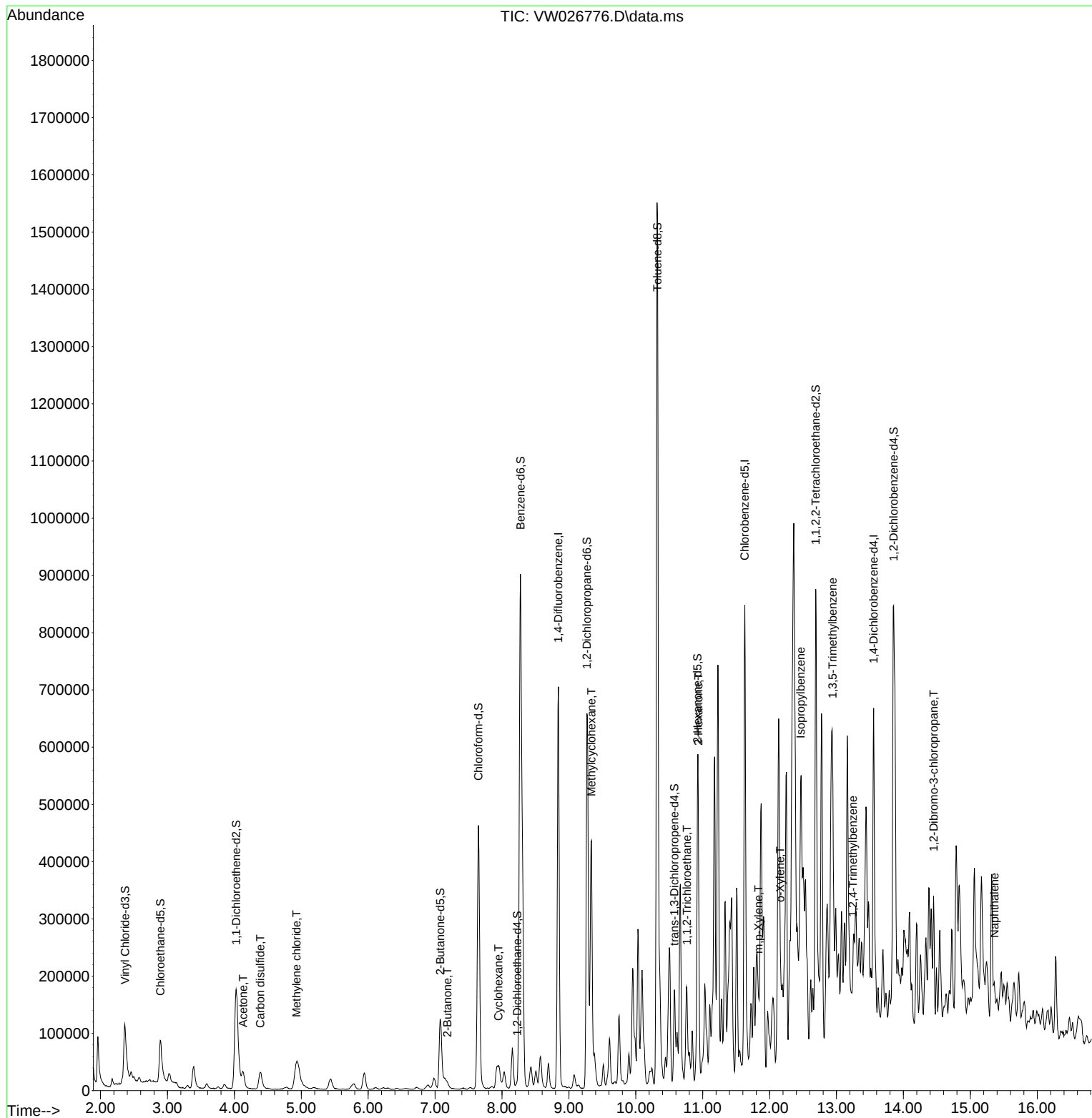
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	548870	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	434687	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	134038	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	128680	14.262	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.040%
7) Chloroethane-d5	2.893	69	122317	18.231	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.920%
11) 1,1-Dichloroethene-d2	4.027	65	77243	17.406	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.640%
21) 2-Butanone-d5	7.075	46	218885	84.403	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	168.800%#
24) Chloroform-d	7.648	84	458694	24.900	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	8.227	65	333	0.033	ug/L	-0.08
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.120%#
32) Benzene-d6	8.276	84	903132	30.146	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.600%
36) 1,2-Dichloropropane-d6	9.270	67	317817	34.058	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	136.240%#
41) Toluene-d8	10.325	98	746612	29.033	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.120%
43) trans-1,3-Dichloroprop...	10.575	79	87478	22.704	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.800%
47) 2-Hexanone-d5	10.922	63	110794	112.992	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	225.980%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	307766	41.762	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	167.040%#
66) 1,2-Dichlorobenzene-d4	13.855	152	167371	34.887	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	139.560%#
Target Compounds						Qvalue
13) Acetone	4.131	43	46224	17.926	ug/L	97
14) Carbon disulfide	4.387	76	74851	2.565	ug/L	100
16) Methylene chloride	4.929	84	44793	4.219	ug/L	91
22) 2-Butanone	7.185	43	12801	3.369	ug/L	92
29) Cyclohexane	7.947	56	15688	1.167	ug/L #	69
35) Methylcyclohexane	9.337	83	160428	11.632	ug/L	91
45) 1,1,2-Trichloroethane	10.764	97	56560	9.538	ug/L #	22
48) 2-Hexanone	10.934	43	134370	35.013	ug/L #	31
53) m,p-Xylene	11.837	106	14589	1.097	ug/L	100
54) o-Xylene	12.160	106	11304	0.910	ug/L	91
60) Isopropylbenzene	12.465	105	26667	1.338	ug/L #	1
62) 1,3,5-Trimethylbenzene	12.940	105	21365	1.356	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	37634	2.438	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.452	75	1913	2.441	ug/L #	19
71) Naphthalene	15.360	128	45973	4.855	ug/L	98

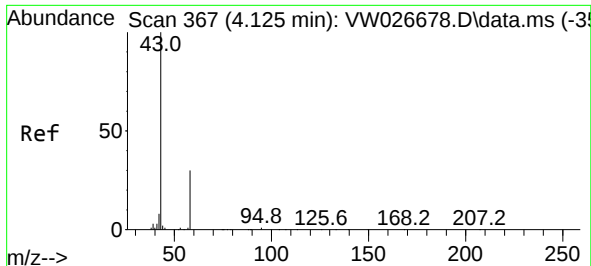
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
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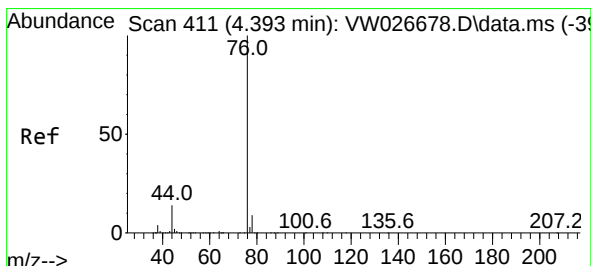
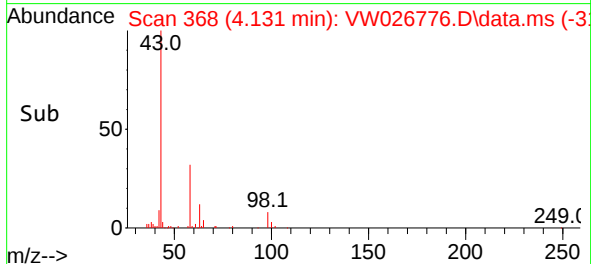
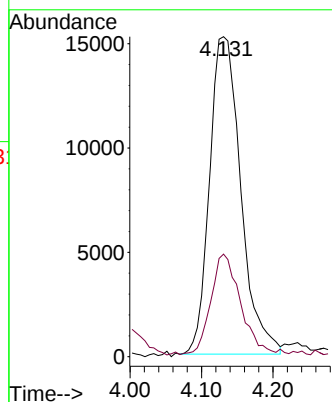
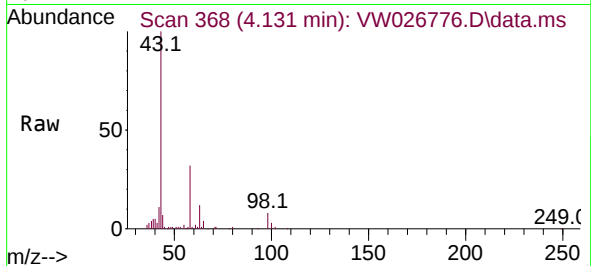




#13
Acetone
Concen: 17.926 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW026776.D
Acq: 18 Aug 2023 17:45

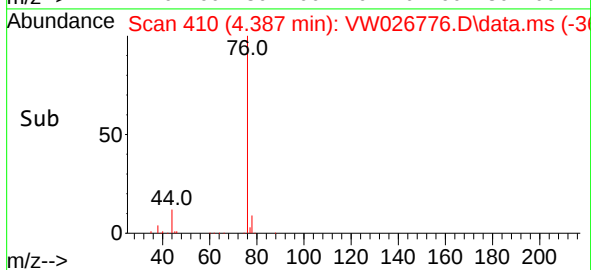
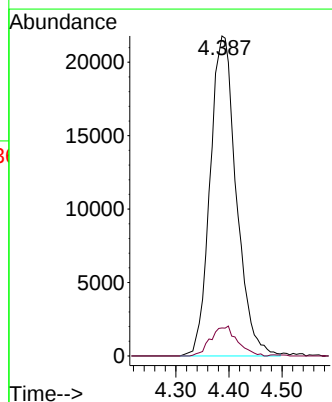
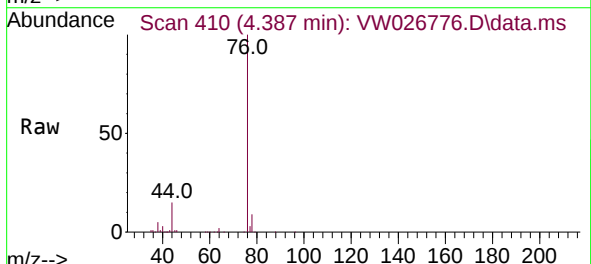
Instrument :
MSVOA_W
ClientSampleId :

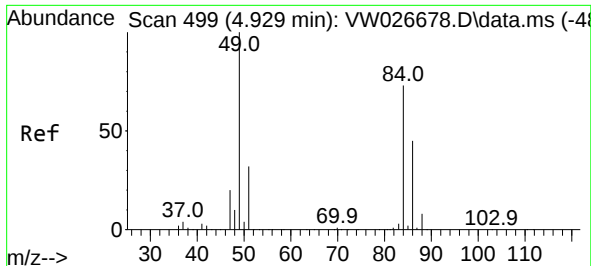
Tgt Ion: 43 Resp: 46224
Ion Ratio Lower Upper
43 100
58 30.3 0.0 57.4



#14
Carbon disulfide
Concen: 2.565 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW026776.D
Acq: 18 Aug 2023 17:45

Tgt Ion: 76 Resp: 74851
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7

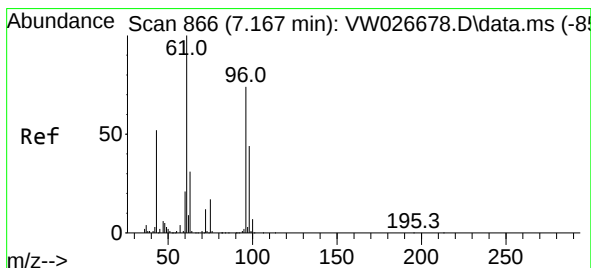
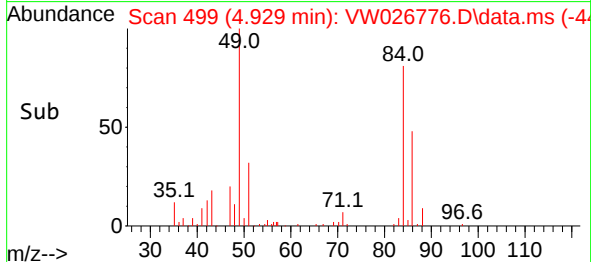
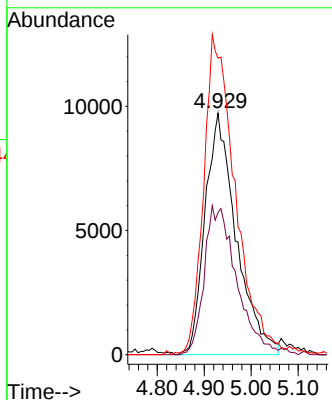
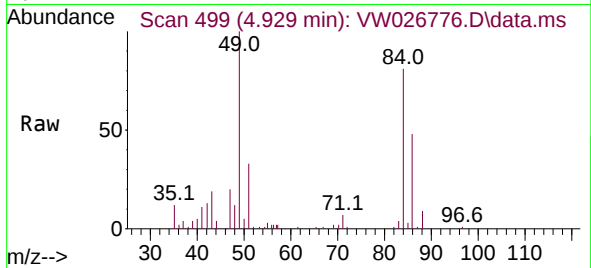




#16
Methylene chloride
Concen: 4.219 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.012 min
Lab File: VW026776.D
Acq: 18 Aug 2023 17:45

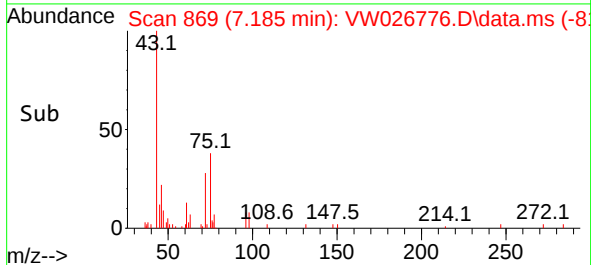
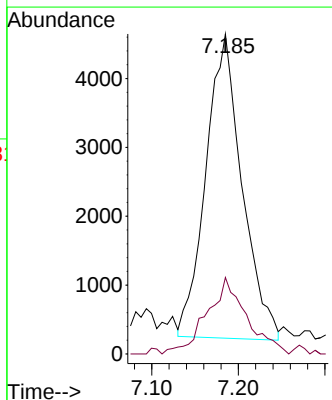
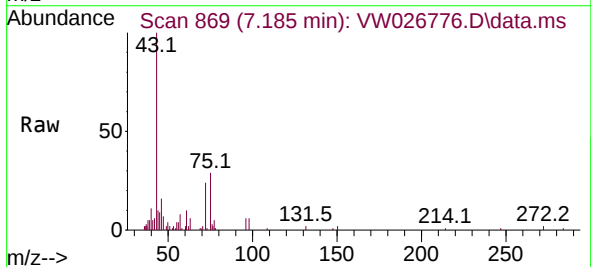
Instrument :
MSVOA_W
ClientSampleId :

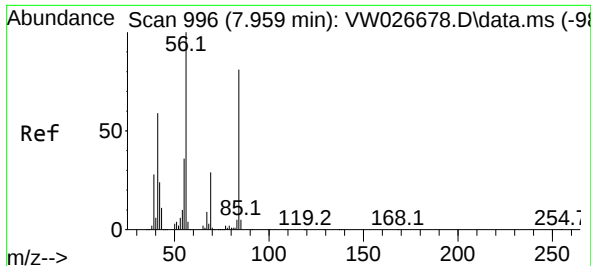
Tgt Ion:	84	Resp:	44793
Ion	Ratio	Lower	Upper
84	100		
86	58.9	43.5	80.9
49	122.9	96.0	178.2



#22
2-Butanone
Concen: 3.369 ug/L
RT: 7.185 min Scan# 869
Delta R.T. 0.012 min
Lab File: VW026776.D
Acq: 18 Aug 2023 17:45

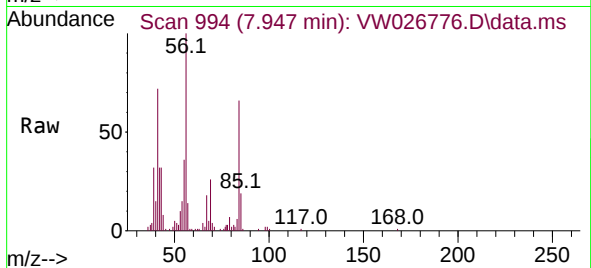
Tgt Ion:	43	Resp:	12801
Ion	Ratio	Lower	Upper
43	100		
72	27.4	11.8	35.4



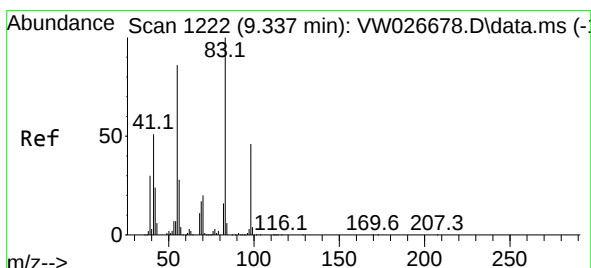
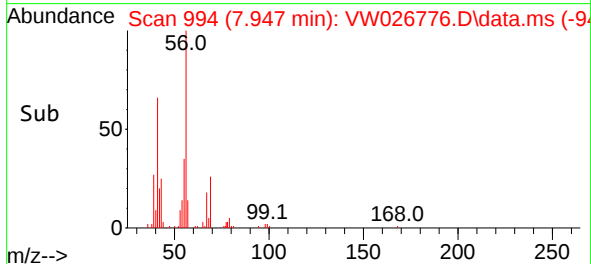
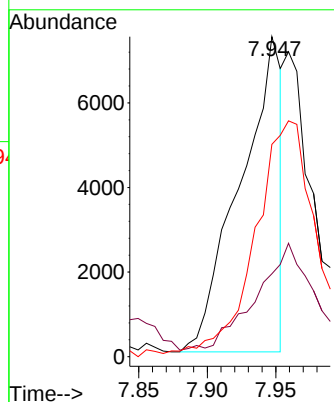


#29
Cyclohexane
Concen: 1.167 ug/L
RT: 7.947 min Scan# 994
Delta R.T. -0.012 min
Lab File: VW026776.D
Acq: 18 Aug 2023 17:45

Instrument :
MSVOA_W
ClientSampleId :

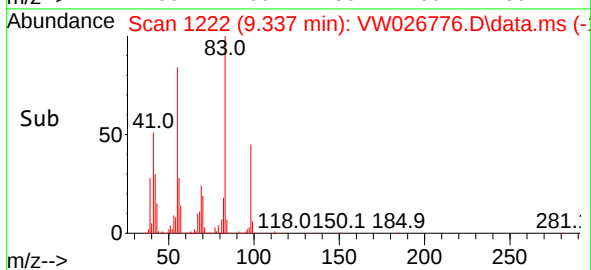
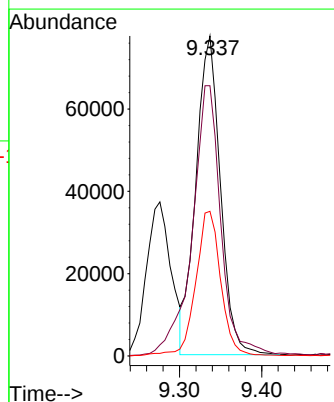
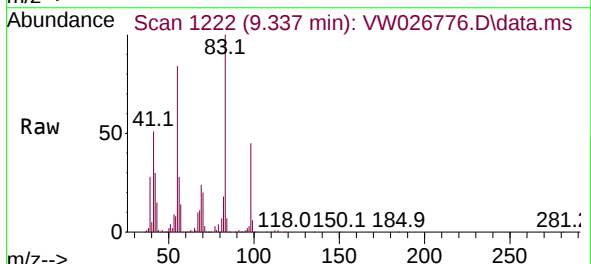


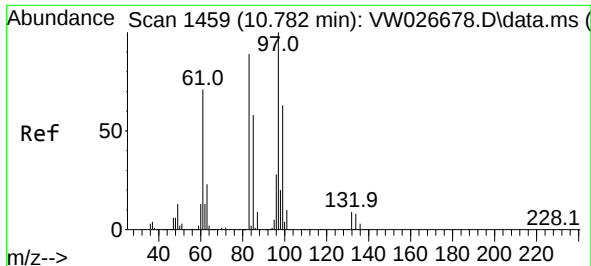
Tgt Ion: 56 Resp: 15688
Ion Ratio Lower Upper
56 100
69 46.8 23.2 34.8#
84 104.8 62.7 94.1#



#35
Methylcyclohexane
Concen: 11.632 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW026776.D
Acq: 18 Aug 2023 17:45

Tgt Ion: 83 Resp: 160428
Ion Ratio Lower Upper
83 100
55 98.7 69.3 103.9
98 46.7 37.4 56.0





#45

1,1,2-Trichloroethane

Concen: 9.538 ug/L

RT: 10.764 min Scan# 1459

Delta R.T. -0.024 min

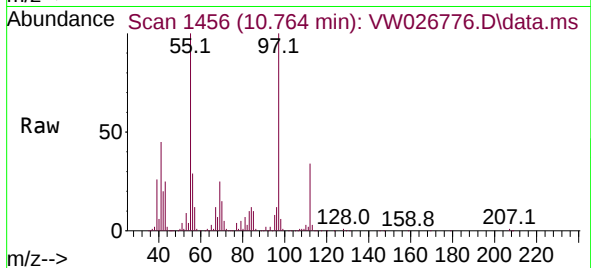
Lab File: VW026776.D

Acq: 18 Aug 2023 17:45

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 56560

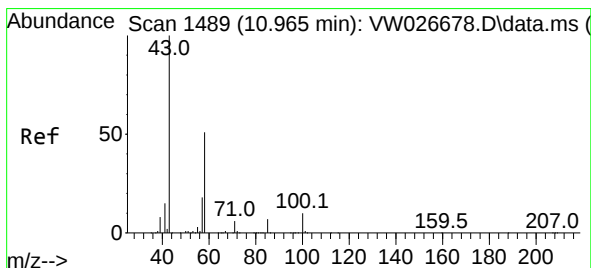
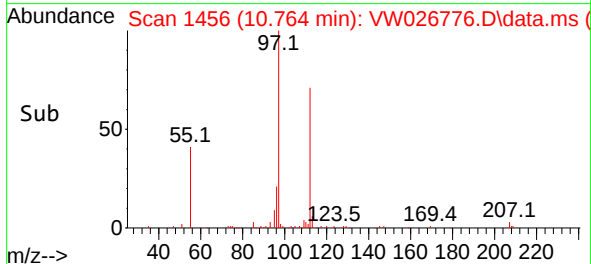
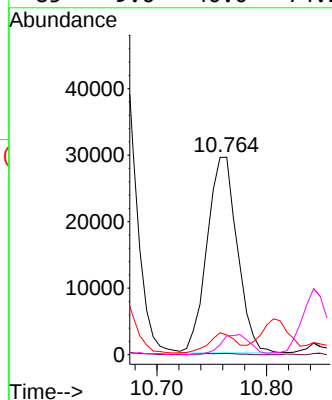
Ion Ratio Lower Upper

97 100

99 0.6 44.2 82.0#

83 10.0 61.9 114.9#

85 9.6 40.0 74.2#



#48

2-Hexanone

Concen: 35.013 ug/L

RT: 10.934 min Scan# 1484

Delta R.T. -0.030 min

Lab File: VW026776.D

Acq: 18 Aug 2023 17:45

Tgt Ion: 43 Resp: 134370

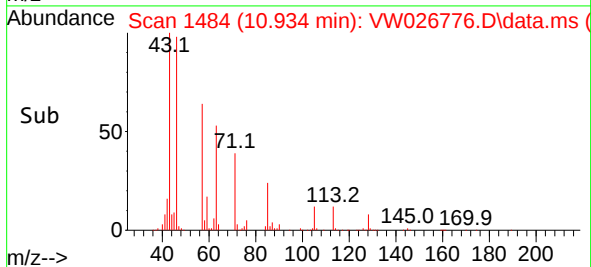
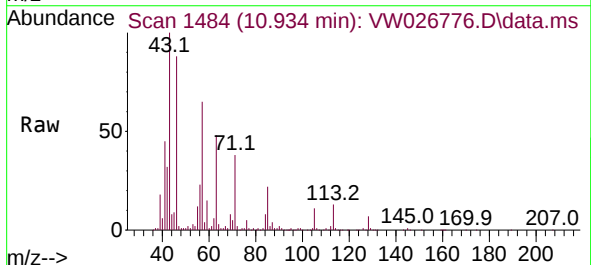
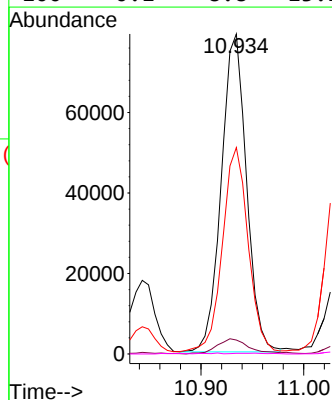
Ion Ratio Lower Upper

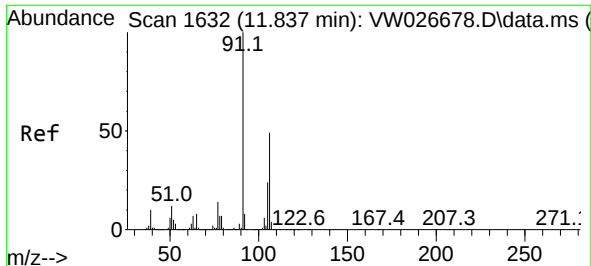
43 100

58 6.2 41.1 61.7#

57 65.2 14.3 21.5#

100 0.1 8.8 13.2#

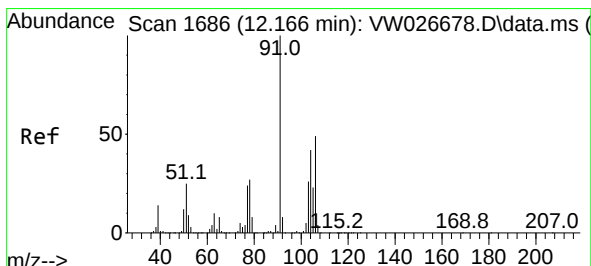
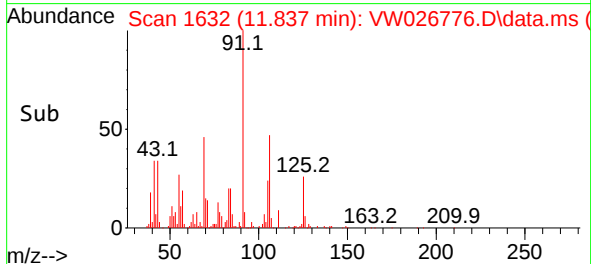
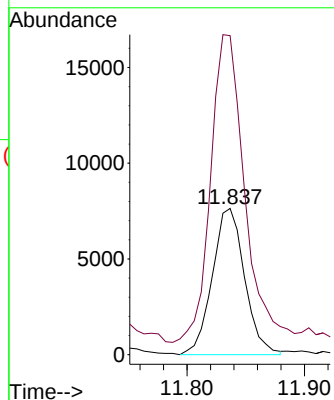
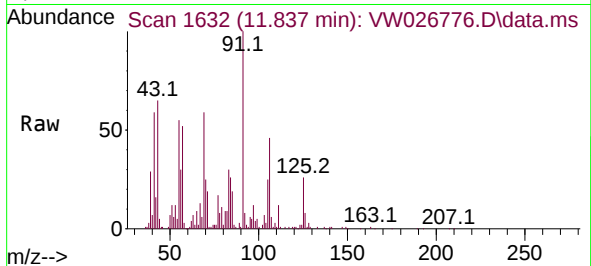




#53
m,p-Xylene
Concen: 1.097 ug/L
RT: 11.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW026776.D
Acq: 18 Aug 2023 17:45

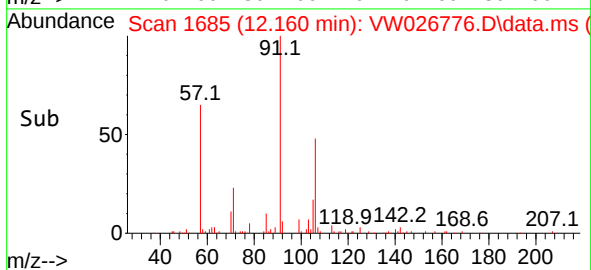
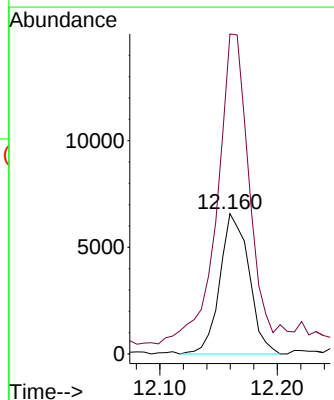
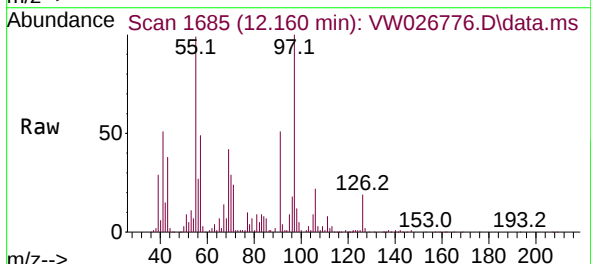
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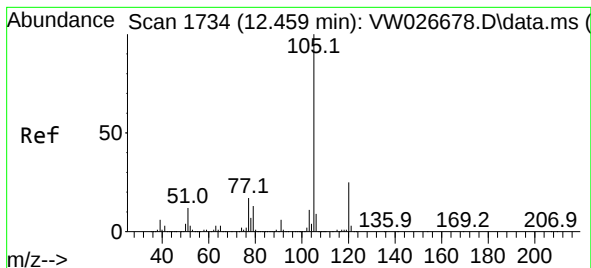
Tgt Ion:106 Resp: 14589
Ion Ratio Lower Upper
106 100
91 218.3 152.9 284.1



#54
o-Xylene
Concen: 0.910 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW026776.D
Acq: 18 Aug 2023 17:45

Tgt Ion:106 Resp: 11304
Ion Ratio Lower Upper
106 100
91 228.1 149.9 278.3





#60

Isopropylbenzene

Concen: 1.338 ug/L

RT: 12.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026776.D

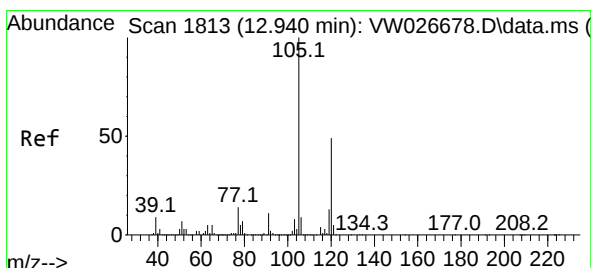
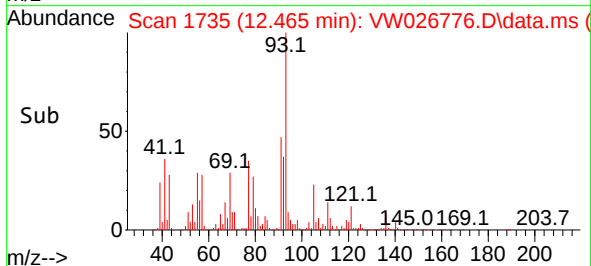
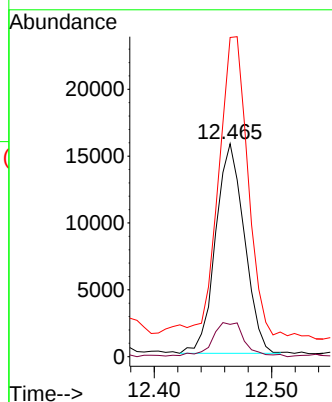
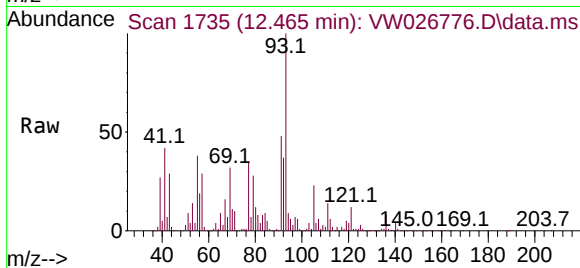
Acq: 18 Aug 2023 17:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	26667
Ion Ratio	Lower	Upper	
105	100		
120	17.3	21.0	31.6#
77	143.2	13.4	20.2#



#62

1,3,5-Trimethylbenzene

Concen: 1.356 ug/L

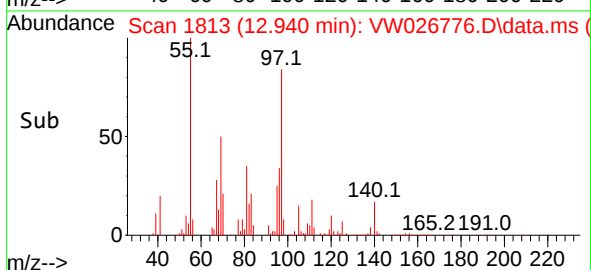
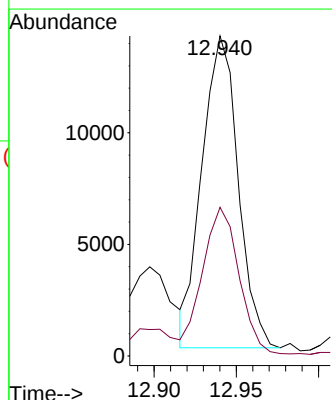
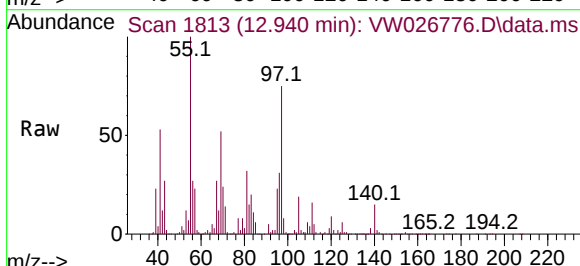
RT: 12.940 min Scan# 1813

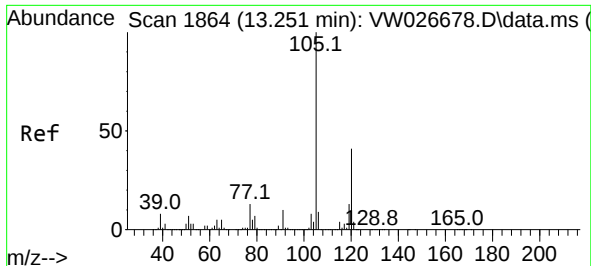
Delta R.T. 0.000 min

Lab File: VW026776.D

Acq: 18 Aug 2023 17:45

Tgt Ion:	105	Resp:	21365
Ion Ratio	Lower	Upper	
105	100		
120	47.1	37.4	56.2

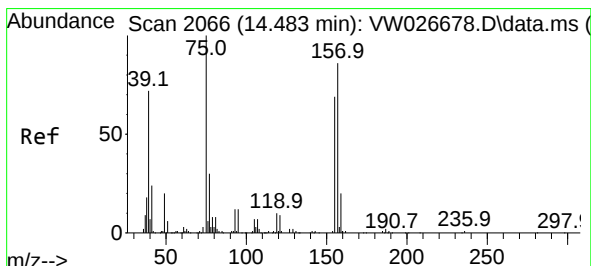
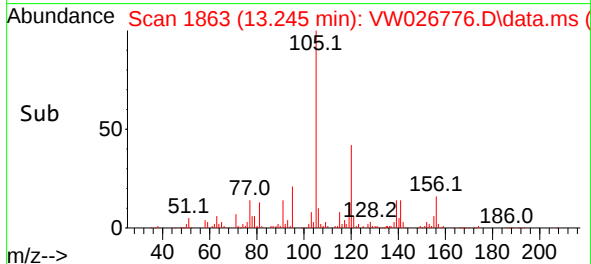
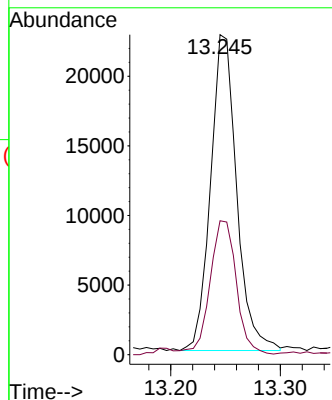
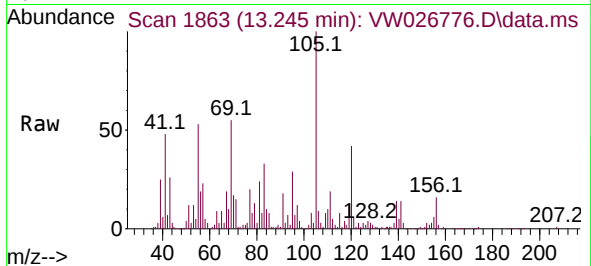




#63
1,2,4-Trimethylbenzene
Concen: 2.438 ug/L
RT: 13.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026776.D
Acq: 18 Aug 2023 17:45

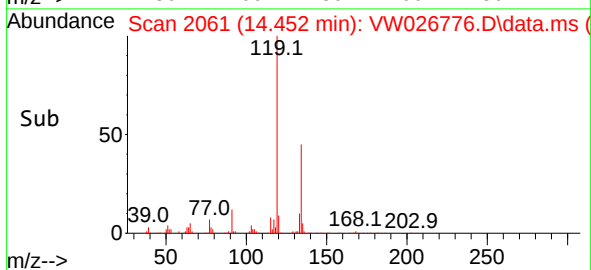
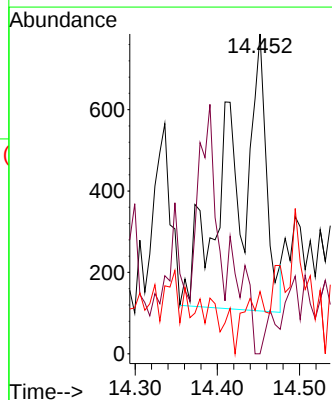
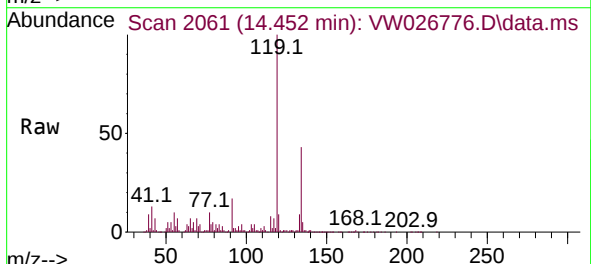
Instrument :
MSVOA_W
ClientSampleId :

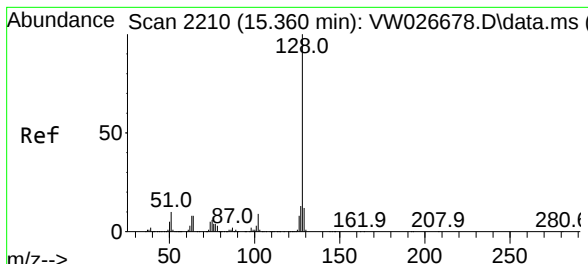
Tgt Ion:105 Resp: 37634
Ion Ratio Lower Upper
105 100
120 42.4 36.2 54.4



#68
1,2-Dibromo-3-chloropropane
Concen: 2.441 ug/L
RT: 14.452 min Scan# 2061
Delta R.T. -0.024 min
Lab File: VW026776.D
Acq: 18 Aug 2023 17:45

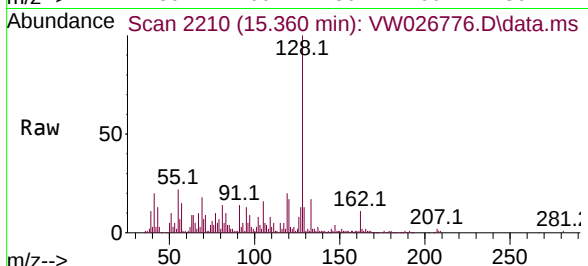
Tgt Ion: 75 Resp: 1913
Ion Ratio Lower Upper
75 100
155 0.0 55.0 82.6#
157 19.5 77.8 116.6#





#71
 Naphthalene
 Concen: 4.855 ug/L
 RT: 15.360 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW026776.D
 Acq: 18 Aug 2023 17:45

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	128	Resp:	45973
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.7	16.1
129	10.1	9.0	13.4

