

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
 Data File : VW026768.D
 Acq On : 18 Aug 2023 14:32
 Operator : SY/MD
 Sample : 04037-06
 Misc : 5.71g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 18 23:44:14 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

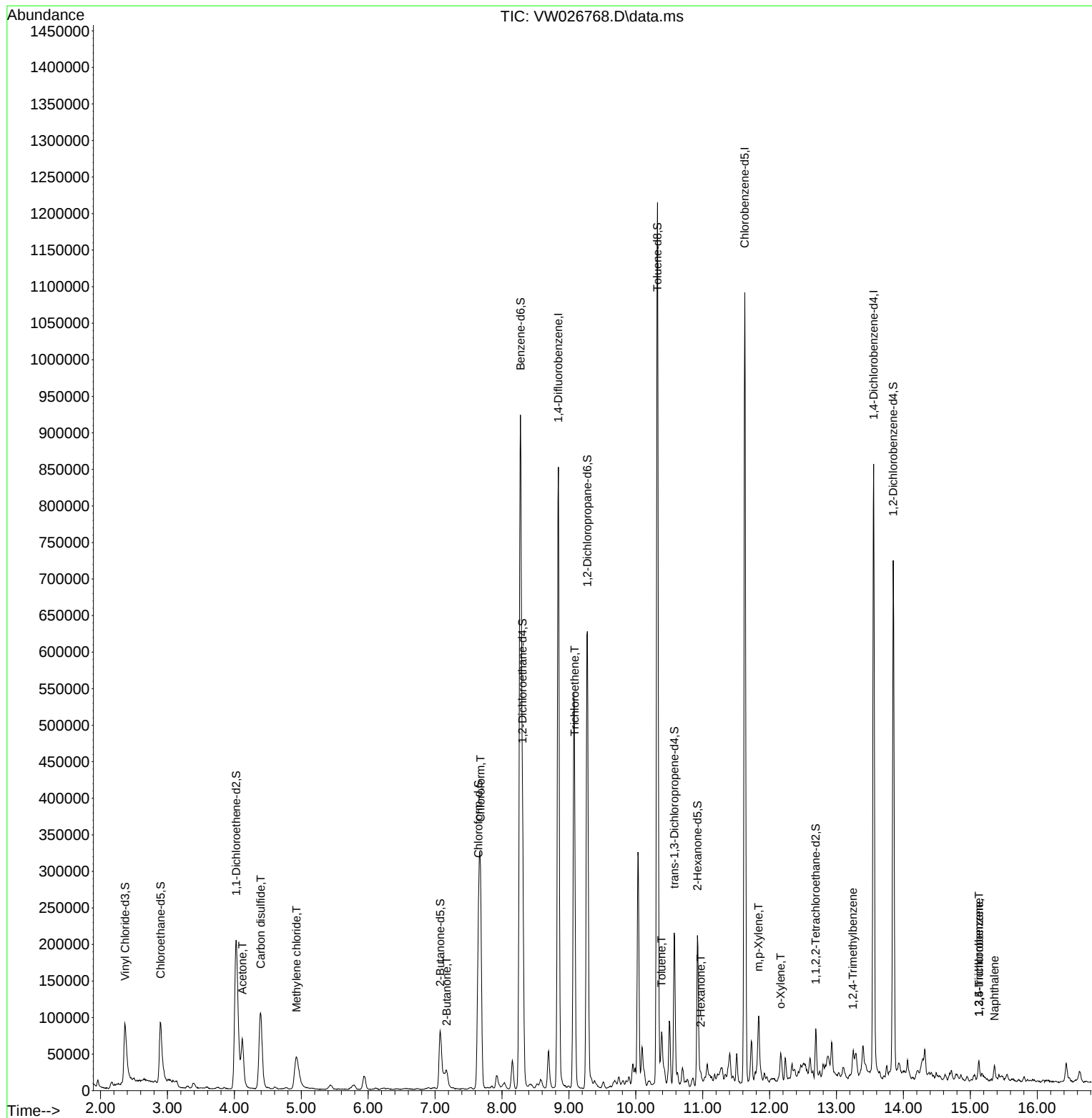
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	676463	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	574678	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	204720	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	162538	14.616	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.480%
7) Chloroethane-d5	2.899	69	134008	16.206	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.840%
11) 1,1-Dichloroethene-d2	4.027	65	92318	16.879	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.520%
21) 2-Butanone-d5	7.075	46	135910	42.523	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.040%
24) Chloroform-d	7.648	84	209929	9.246	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	37.000%#
26) 1,2-Dichloroethane-d4	8.307	65	266616	21.279	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.120%
32) Benzene-d6	8.276	84	936146	23.636	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.560%
36) 1,2-Dichloropropane-d6	9.276	67	296028	23.995	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.000%
41) Toluene-d8	10.325	98	776080	22.827	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.320%
43) trans-1,3-Dichloroprop...	10.575	79	110810	21.754	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.000%
47) 2-Hexanone-d5	10.922	63	63665	49.112	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.220%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	33532	3.442	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	13.760%#
66) 1,2-Dichlorobenzene-d4	13.848	152	174305	23.788	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.160%
Target Compounds						
					Qvalue	
13) Acetone	4.118	43	100894	31.748	ug/L	96
14) Carbon disulfide	4.393	76	262921	7.309	ug/L	100
16) Methylene chloride	4.929	84	45665	3.490	ug/L	94
22) 2-Butanone	7.173	43	34984	7.470	ug/L	96
25) Chloroform	7.679	83	258108	11.634	ug/L	99
34) Trichloroethene	9.087	95	8547	0.802	ug/L #	82
42) Toluene	10.386	91	45014	1.063	ug/L	96
48) 2-Hexanone	10.971	43	8702	1.715	ug/L #	94
53) m,p-Xylene	11.837	106	14386	0.818	ug/L	95
54) o-Xylene	12.166	106	7883	0.480	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	14527	0.616	ug/L	98
69) 1,3,5-Trichlorobenzene	15.129	180	7689	0.860	ug/L	91
70) 1,2,4-trichlorobenzene	15.129	180	7689	1.014	ug/L #	88
71) Naphthalene	15.360	128	16824	1.163	ug/L #	96

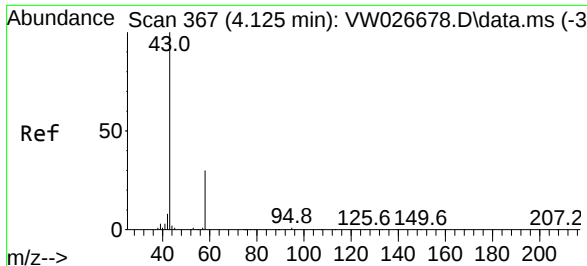
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

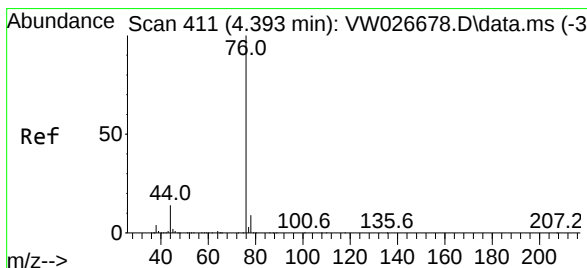
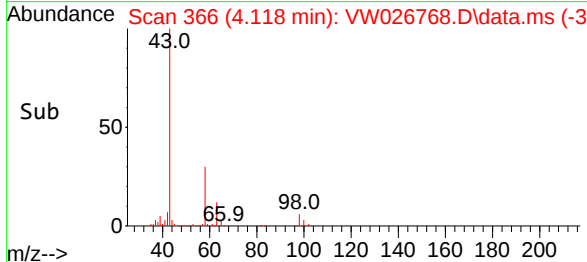
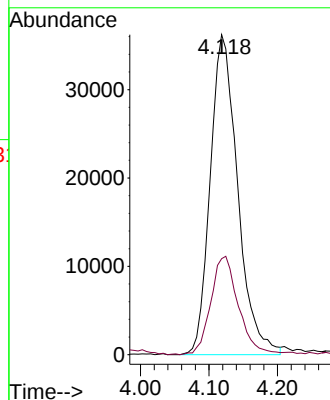
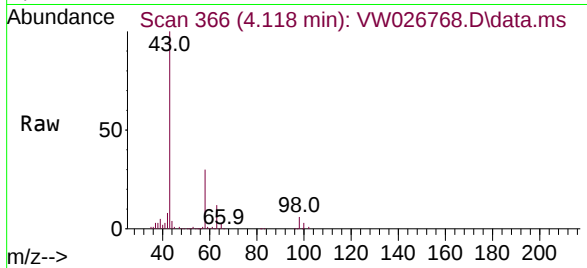




#13
Acetone
Concen: 31.748 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW026768.D
Acq: 18 Aug 2023 14:32

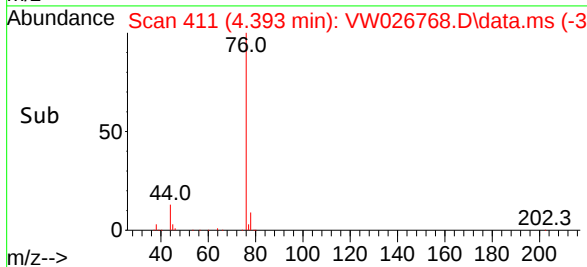
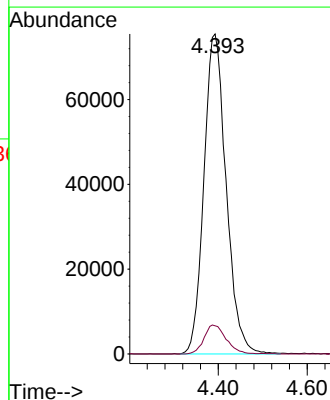
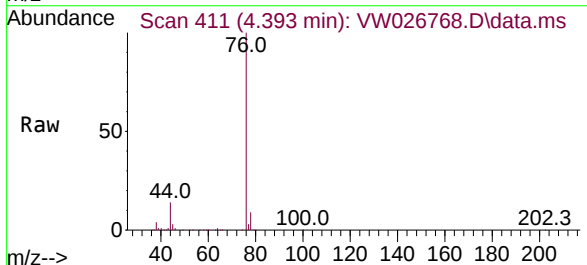
Instrument :
MSVOA_W
ClientSampleId :

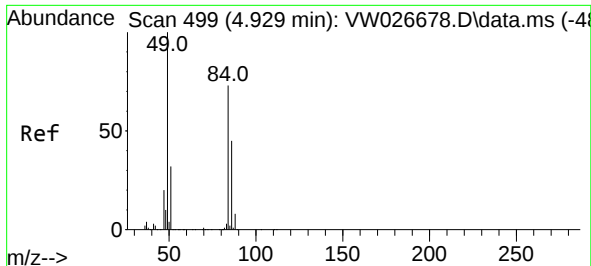
Tgt Ion: 43 Resp: 100894
Ion Ratio Lower Upper
43 100
58 30.9 0.0 57.4



#14
Carbon disulfide
Concen: 7.309 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026768.D
Acq: 18 Aug 2023 14:32

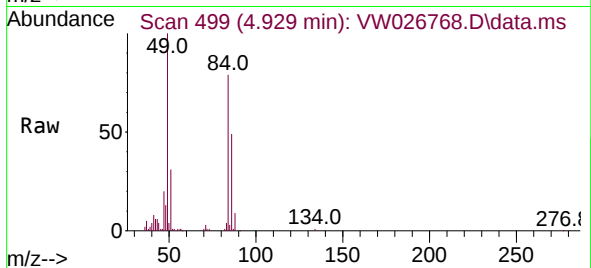
Tgt Ion: 76 Resp: 262921
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



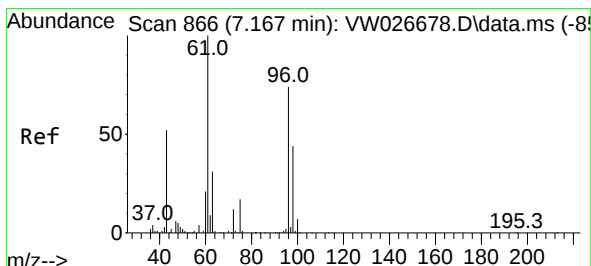
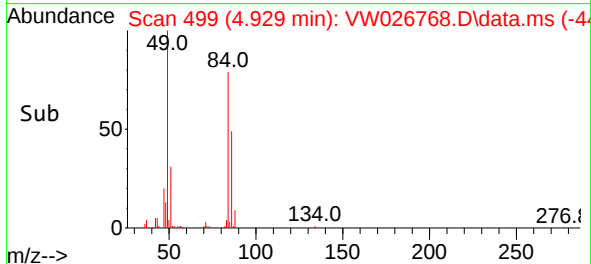
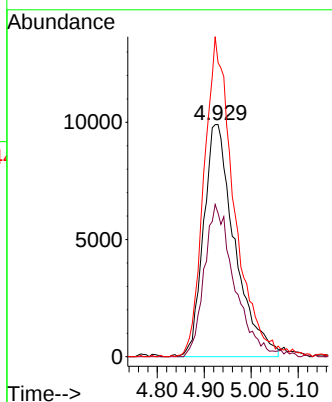


#16
Methylene chloride
Concen: 3.490 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.012 min
Lab File: VW026768.D
Acq: 18 Aug 2023 14:32

Instrument :
MSVOA_W
ClientSampleId :

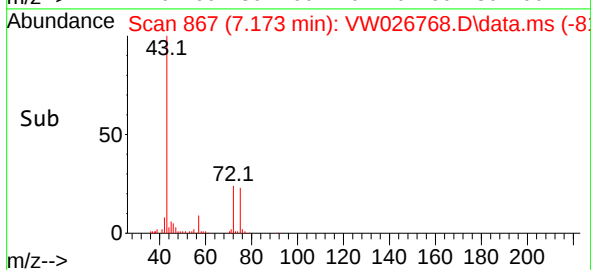
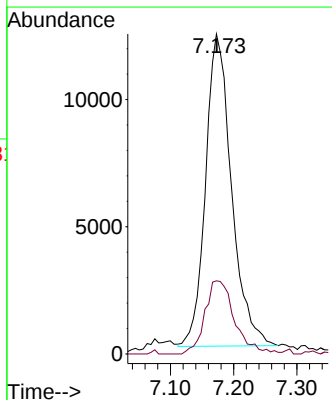
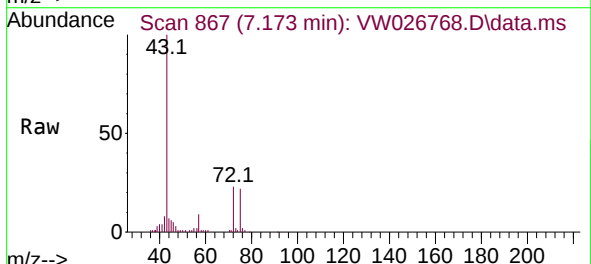


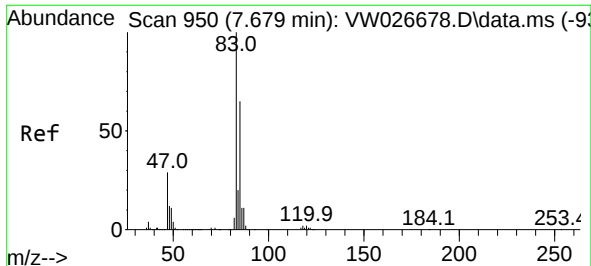
Tgt Ion: 84 Resp: 45665
Ion Ratio Lower Upper
84 100
86 61.8 43.5 80.9
49 126.7 96.0 178.2



#22
2-Butanone
Concen: 7.470 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW026768.D
Acq: 18 Aug 2023 14:32

Tgt Ion: 43 Resp: 34984
Ion Ratio Lower Upper
43 100
72 25.5 11.8 35.4

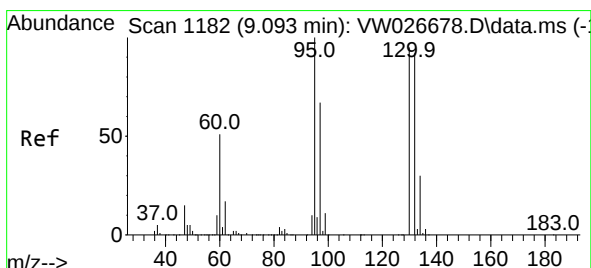
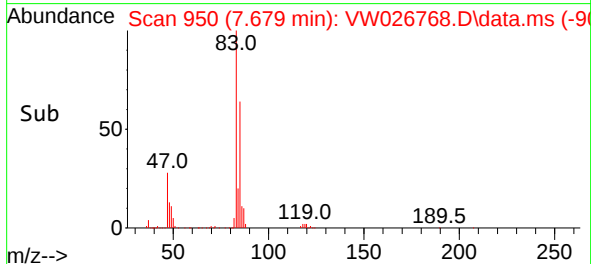
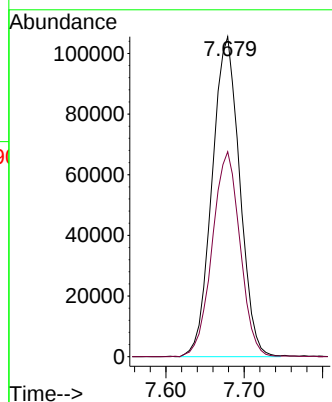
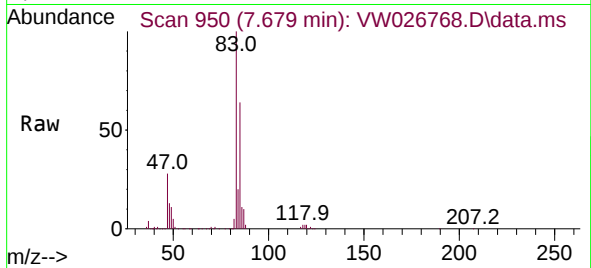




#25
Chloroform
Concen: 11.634 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW026768.D
Acq: 18 Aug 2023 14:32

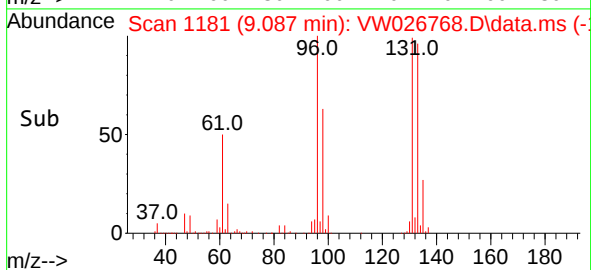
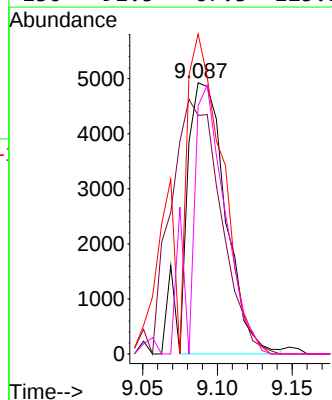
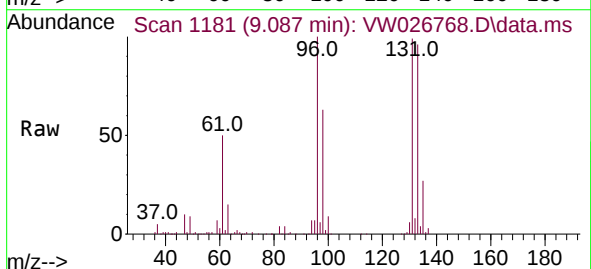
Instrument :
MSVOA_W
ClientSampleId :

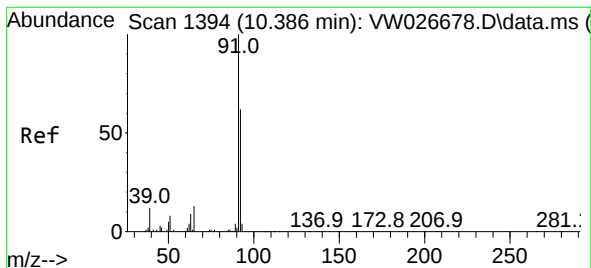
Tgt Ion: 83 Resp: 258108
Ion Ratio Lower Upper
83 100
85 64.1 45.4 84.2



#34
Trichloroethene
Concen: 0.802 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW026768.D
Acq: 18 Aug 2023 14:32

Tgt Ion: 95 Resp: 8547
Ion Ratio Lower Upper
95 100
97 88.0 44.6 82.8#
132 118.0 66.4 123.2
130 91.5 67.3 125.1





#42

Toluene

Concen: 1.063 ug/L

RT: 10.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026768.D

Acq: 18 Aug 2023 14:32

Instrument :

MSVOA_W

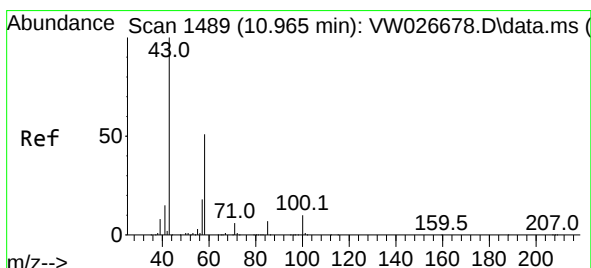
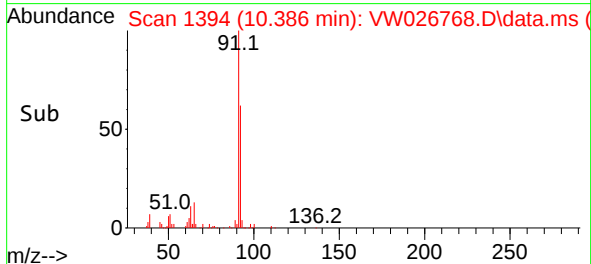
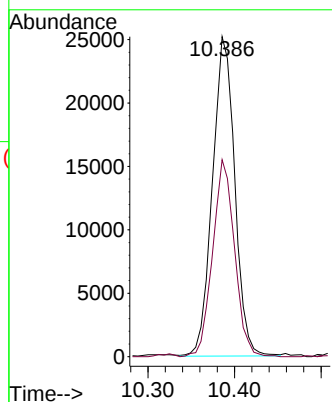
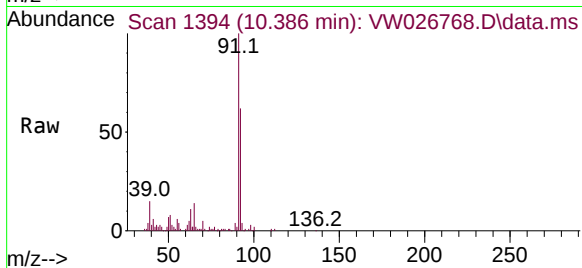
ClientSampleId :

Tgt Ion: 91 Resp: 45014

Ion Ratio Lower Upper

91 100

92 61.5 40.8 75.8



#48

2-Hexanone

Concen: 1.715 ug/L

RT: 10.971 min Scan# 1490

Delta R.T. 0.006 min

Lab File: VW026768.D

Acq: 18 Aug 2023 14:32

Tgt Ion: 43 Resp: 8702

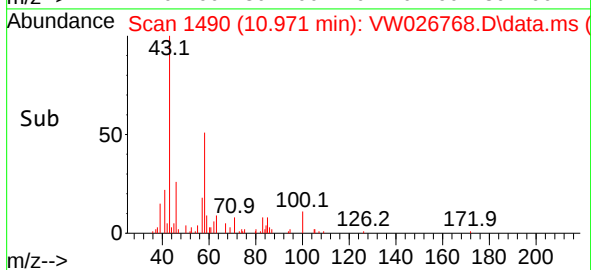
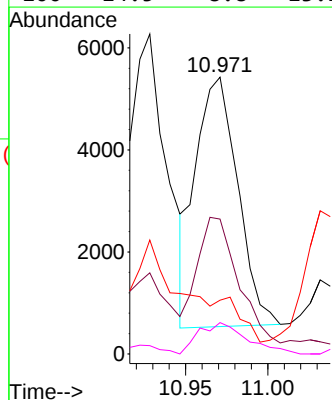
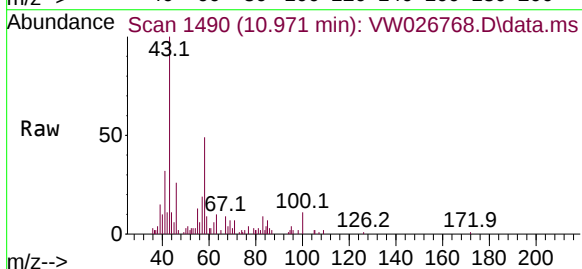
Ion Ratio Lower Upper

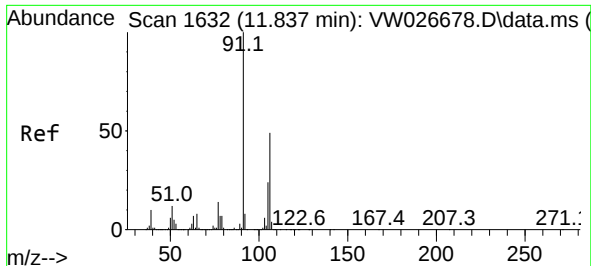
43 100

58 49.9 41.1 61.7

57 10.6 14.3 21.5#

100 14.5 8.8 13.2#

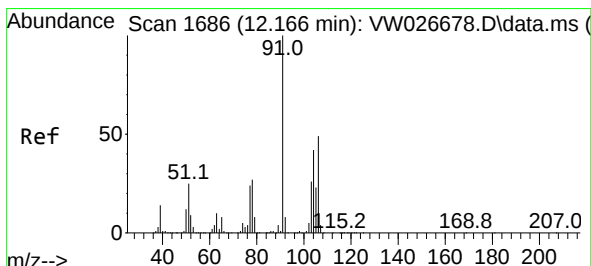
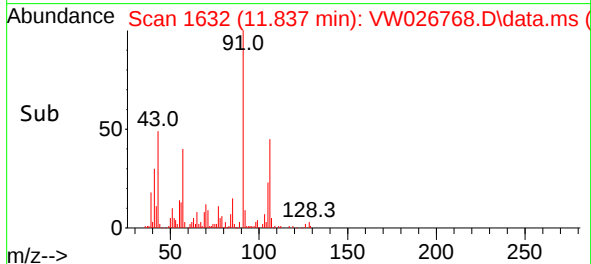
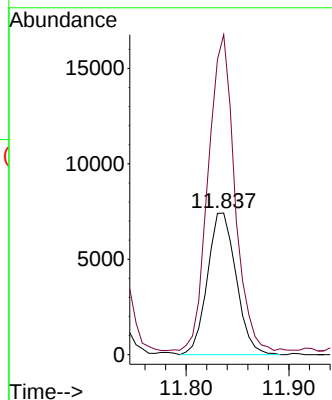
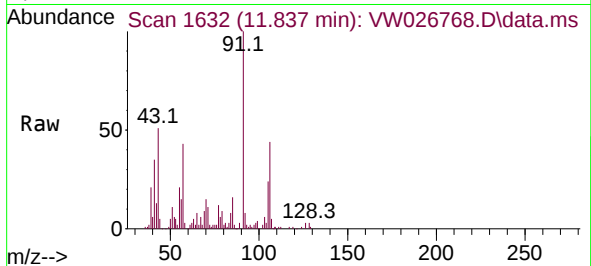




#53
m,p-Xylene
Concen: 0.818 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026768.D
Acq: 18 Aug 2023 14:32

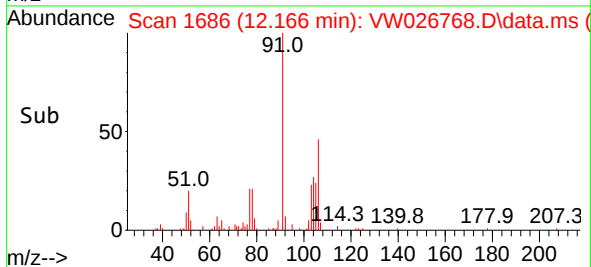
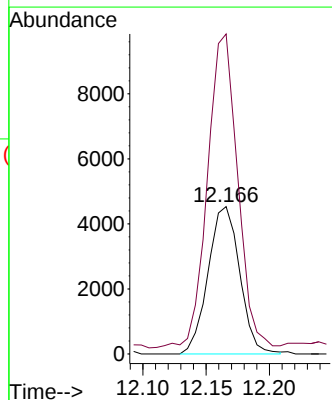
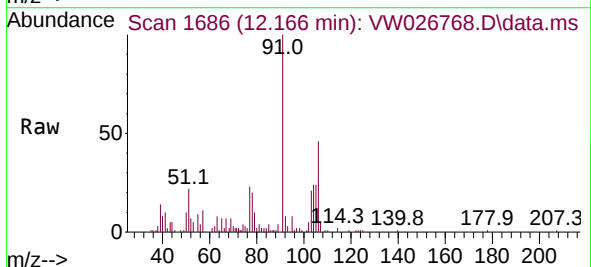
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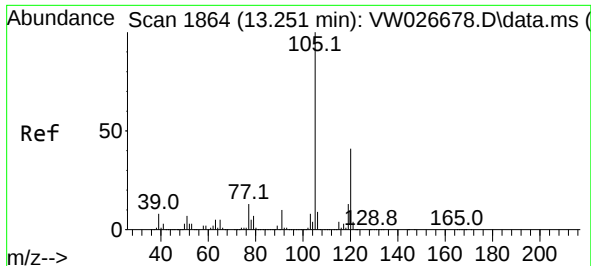
Tgt Ion:106 Resp: 14386
Ion Ratio Lower Upper
106 100
91 225.9 152.9 284.1



#54
o-Xylene
Concen: 0.480 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026768.D
Acq: 18 Aug 2023 14:32

Tgt Ion:106 Resp: 7883
Ion Ratio Lower Upper
106 100
91 217.1 149.9 278.3

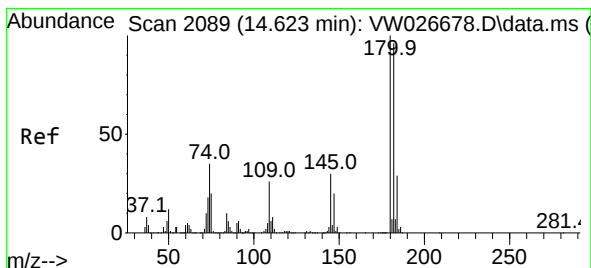
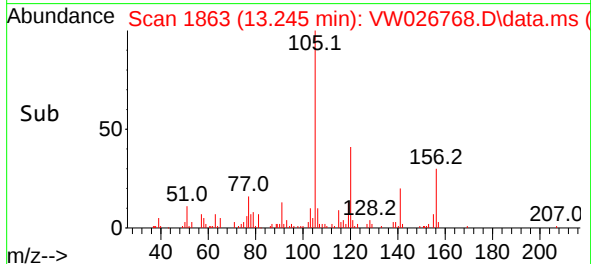
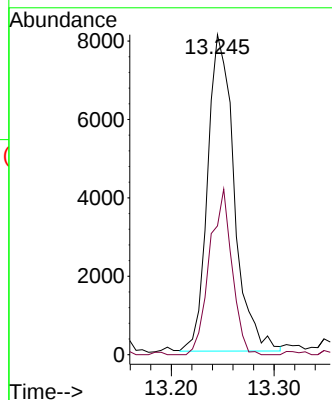
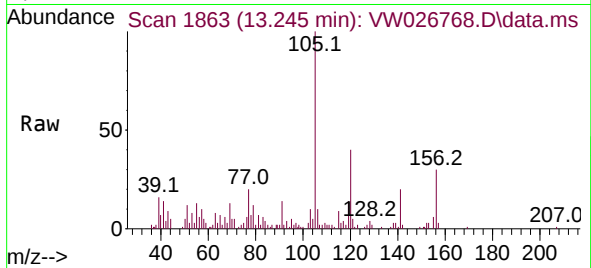




#63
1,2,4-Trimethylbenzene
Concen: 0.616 ug/L
RT: 13.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026768.D
Acq: 18 Aug 2023 14:32

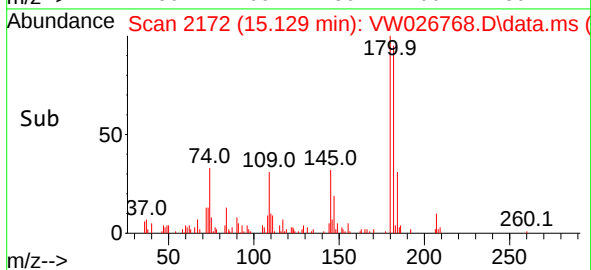
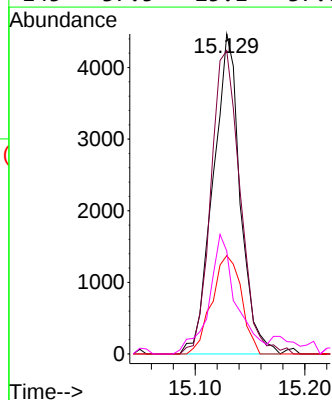
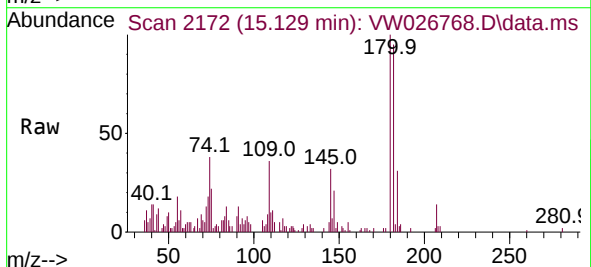
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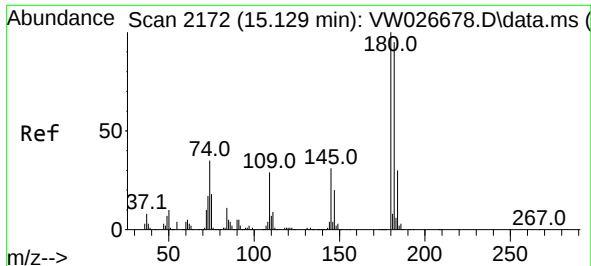
Tgt Ion:105 Resp: 14527
Ion Ratio Lower Upper
105 100
120 43.9 36.2 54.4



#69
1,3,5-Trichlorobenzene
Concen: 0.860 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.506 min
Lab File: VW026768.D
Acq: 18 Aug 2023 14:32

Tgt Ion:180 Resp: 7689
Ion Ratio Lower Upper
180 100
182 102.1 75.2 112.8
184 33.5 23.8 35.8
145 37.5 25.1 37.7

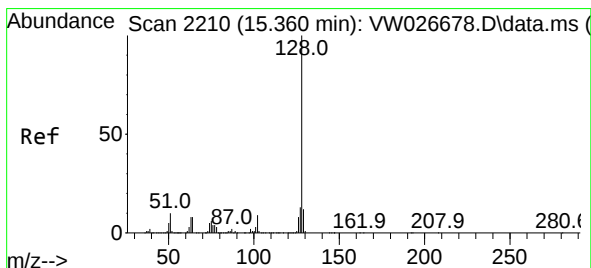
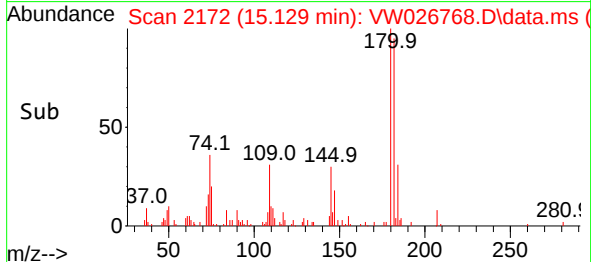
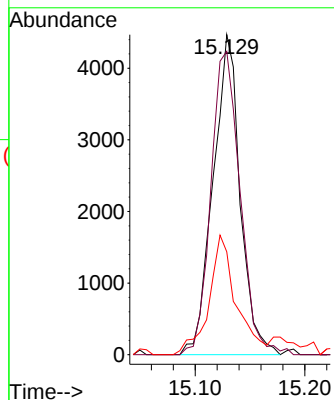
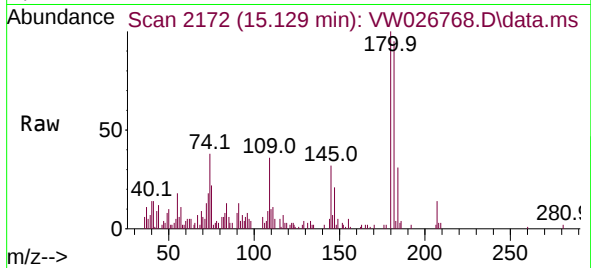




#70
1,2,4-trichlorobenzene
Concen: 1.014 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW026768.D
Acq: 18 Aug 2023 14:32

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:180 Resp: 7689
Ion Ratio Lower Upper
180 100
182 102.1 72.5 108.7
145 37.5 24.7 37.1#



#71
Naphthalene
Concen: 1.163 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW026768.D
Acq: 18 Aug 2023 14:32

Tgt Ion:128 Resp: 16824
Ion Ratio Lower Upper
128 100
127 14.5 10.7 16.1
129 13.6 9.0 13.4#

