

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
 Data File : VW026876.D
 Acq On : 25 Aug 2023 01:17
 Operator : SY/MD
 Sample : 04113-09
 Misc : 5.02g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 25 05:24:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 25 05:00:16 2023
 Response via : Initial Calibration

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

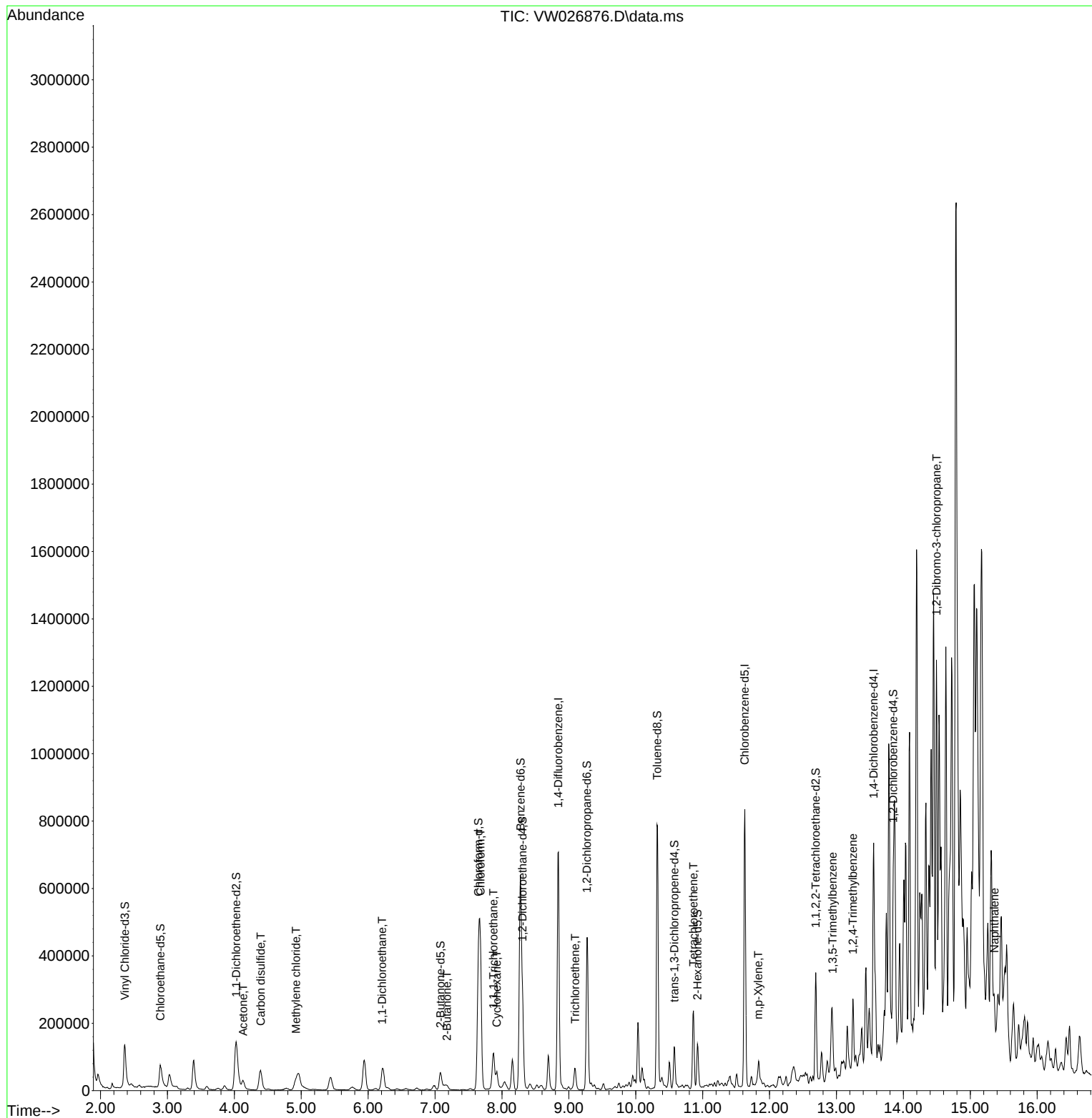
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	573628	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	440648	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	165922	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	102218	10.840	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	43.360%
7) Chloroethane-d5	2.893	69	99133	14.138	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.560%
11) 1,1-Dichloroethene-d2	4.027	65	60329	13.008	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.040%
21) 2-Butanone-d5	7.081	46	84760	31.273	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.540%
24) Chloroform-d	7.648	84	373210	19.385	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.520%
26) 1,2-Dichloroethane-d4	8.307	65	201700	18.984	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.920%
32) Benzene-d6	8.276	84	642181	21.146	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	9.270	67	203588	21.522	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.080%
41) Toluene-d8	10.319	98	518171	19.877	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.520%
43) trans-1,3-Dichloroprop...	10.575	79	63605	16.285	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.120%
47) 2-Hexanone-d5	10.922	63	43922	44.187	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.380%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	144998	19.409	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.640%
66) 1,2-Dichlorobenzene-d4	13.849	152	130760	22.018	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.080%
Target Compounds	Qvalue					
13) Acetone	4.131	43	44184	16.396	ug/L	100
14) Carbon disulfide	4.393	76	141473	4.638	ug/L	98
16) Methylene chloride	4.923	84	24754	2.231	ug/L	91
19) 1,1-Dichloroethane	6.210	63	86217	4.428	ug/L	98
22) 2-Butanone	7.179	43	16691	4.203	ug/L	83
25) Chloroform	7.679	83	366840	19.500	ug/L	100
29) Cyclohexane	7.923	56	10761	0.790	ug/L #	36
30) 1,1,1-Trichloroethane	7.874	97	87283	7.590	ug/L	97
34) Trichloroethene	9.093	95	18358	2.246	ug/L	95
46) Tetrachloroethene	10.861	164	49310	8.305	ug/L	87
53) m,p-Xylene	11.831	106	11019	0.817	ug/L	95
62) 1,3,5-Trimethylbenzene	12.940	105	38818	1.991	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	111963	5.860	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.495	75	3339	3.441	ug/L #	11
71) Naphthalene	15.360	128	63036	5.377	ug/L #	93

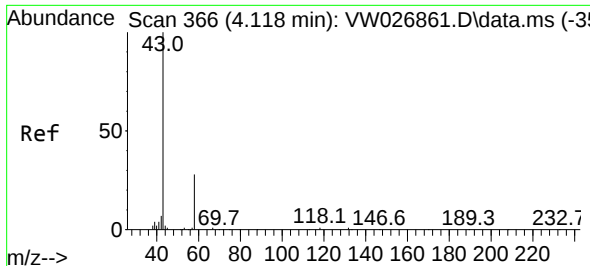
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Aug 25 05:00:16 2023
Response via : Initial Calibration

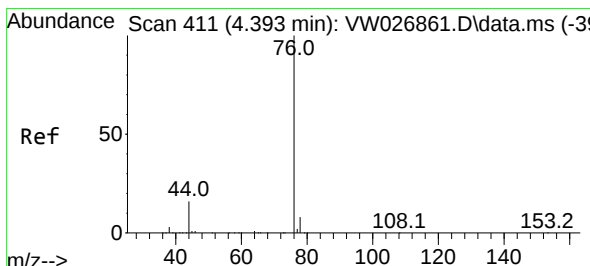
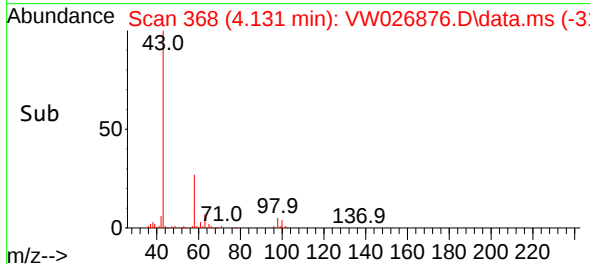
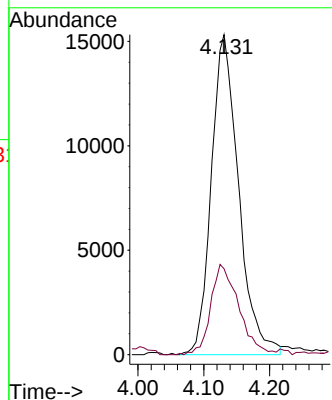
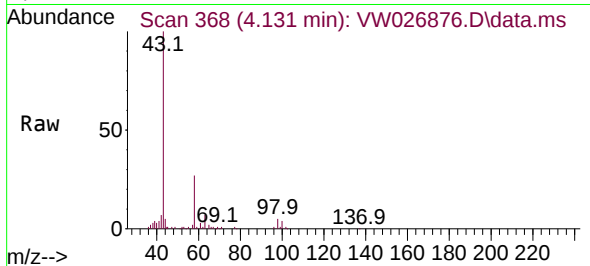




#13
Acetone
Concen: 16.396 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.012 min
Lab File: VW026876.D
Acq: 25 Aug 2023 01:17

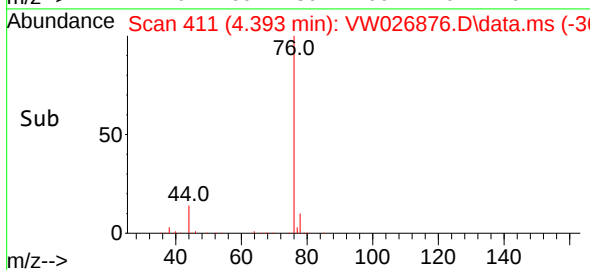
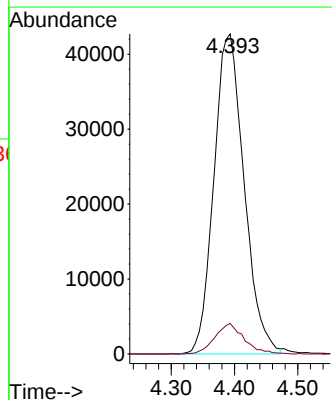
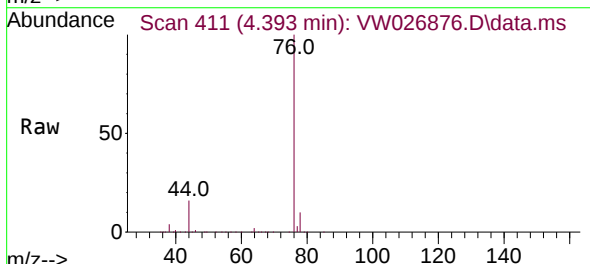
Instrument :
MSVOA_W
ClientSampleId :

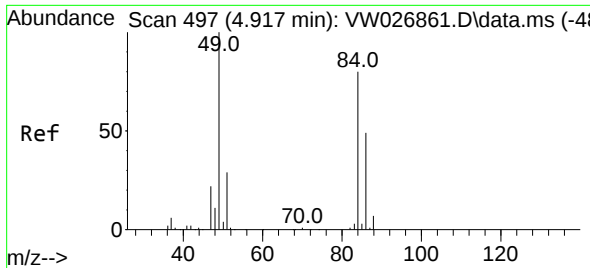
Tgt Ion: 43 Resp: 44184
Ion Ratio Lower Upper
43 100
58 28.9 0.0 57.4



#14
Carbon disulfide
Concen: 4.638 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW026876.D
Acq: 25 Aug 2023 01:17

Tgt Ion: 76 Resp: 141473
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7

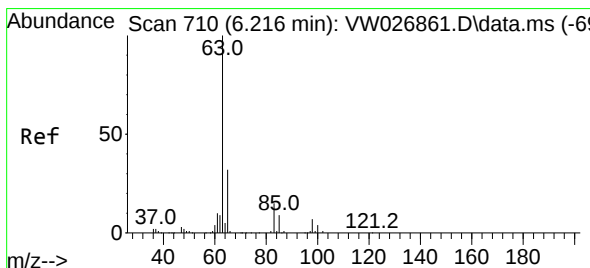
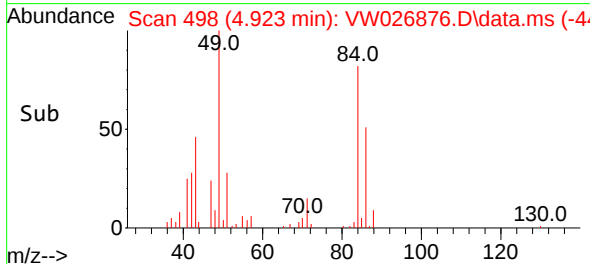
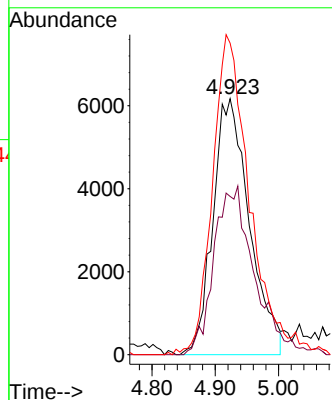
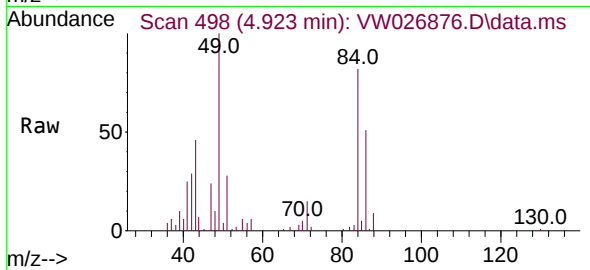




#16
Methylene chloride
Concen: 2.231 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW026876.D
Acq: 25 Aug 2023 01:17

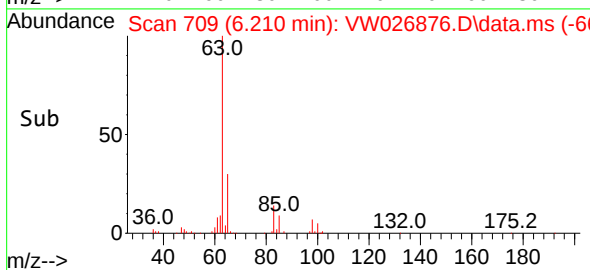
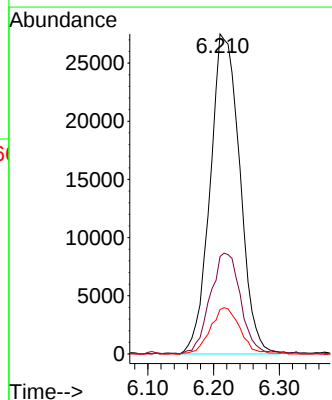
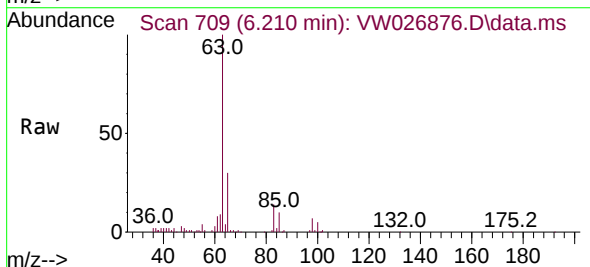
Instrument :
MSVOA_W
ClientSampleId :

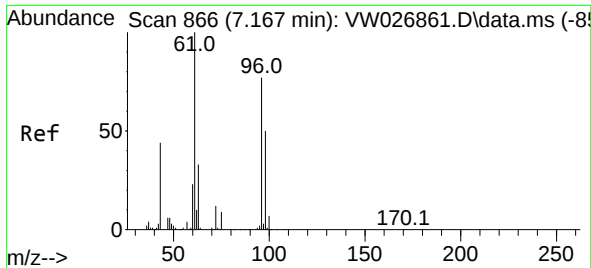
Tgt Ion: 84 Resp: 24754
Ion Ratio Lower Upper
84 100
86 61.8 43.5 80.9
49 121.7 96.0 178.2



#19
1,1-Dichloroethane
Concen: 4.428 ug/L
RT: 6.210 min Scan# 709
Delta R.T. -0.006 min
Lab File: VW026876.D
Acq: 25 Aug 2023 01:17

Tgt Ion: 63 Resp: 86217
Ion Ratio Lower Upper
63 100
65 30.4 21.8 40.6
83 13.9 9.0 16.6

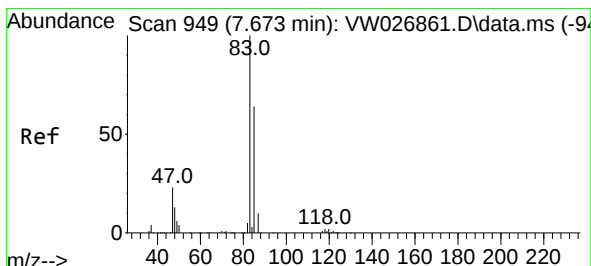
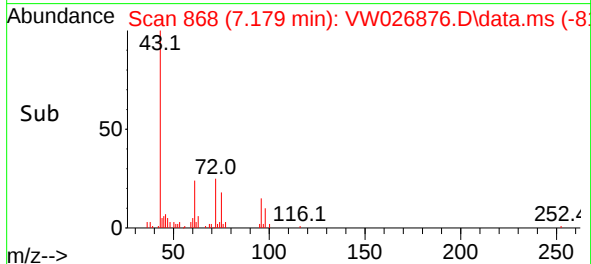
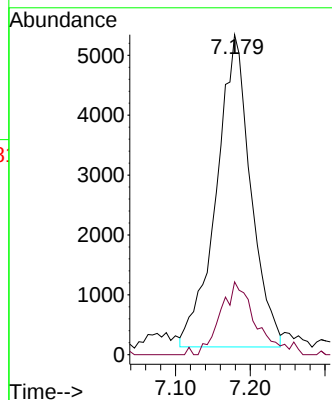
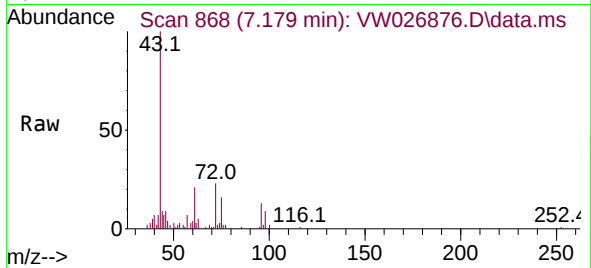




#22
2-Butanone
Concen: 4.203 ug/L
RT: 7.179 min Scan# 80
Delta R.T. 0.012 min
Lab File: VW026876.D
Acq: 25 Aug 2023 01:17

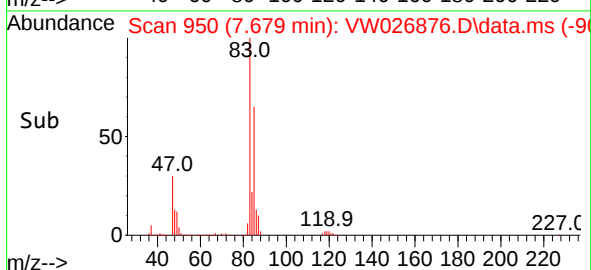
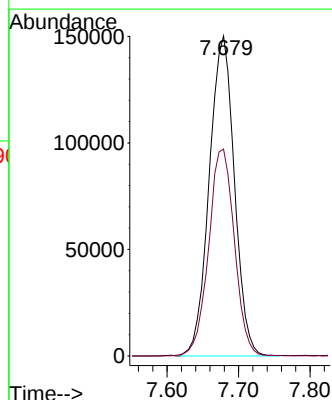
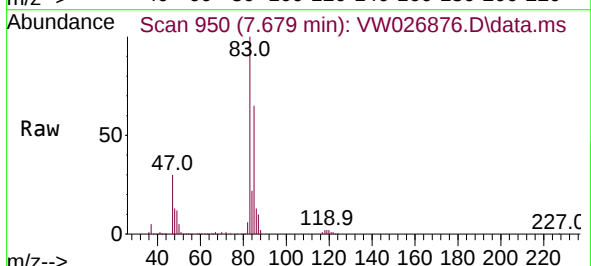
Instrument :
MSVOA_W
ClientSampleId :

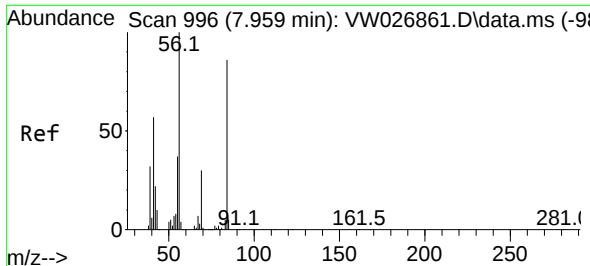
Tgt Ion: 43 Resp: 16691
Ion Ratio Lower Upper
43 100
72 15.1 11.8 35.4



#25
Chloroform
Concen: 19.500 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.006 min
Lab File: VW026876.D
Acq: 25 Aug 2023 01:17

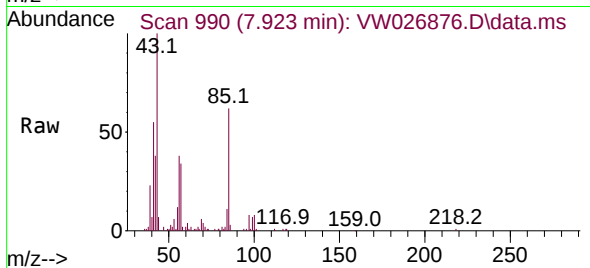
Tgt Ion: 83 Resp: 366840
Ion Ratio Lower Upper
83 100
85 64.7 45.4 84.2



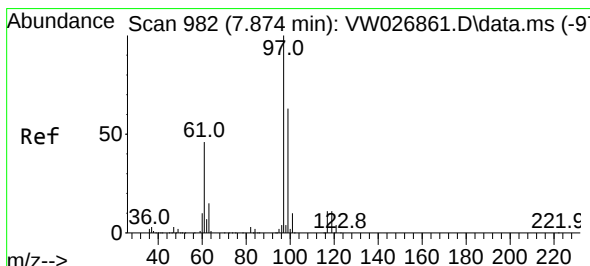
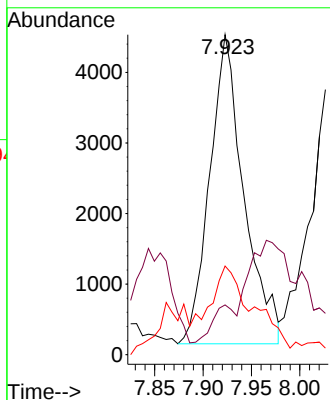
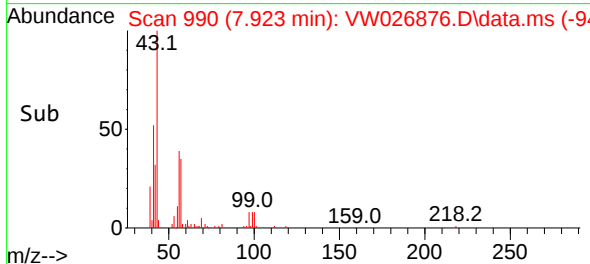


#29
Cyclohexane
Concen: 0.790 ug/L
RT: 7.923 min Scan# 996
Delta R.T. -0.036 min
Lab File: VW026876.D
Acq: 25 Aug 2023 01:17

Instrument :
MSVOA_W
ClientSampleId :

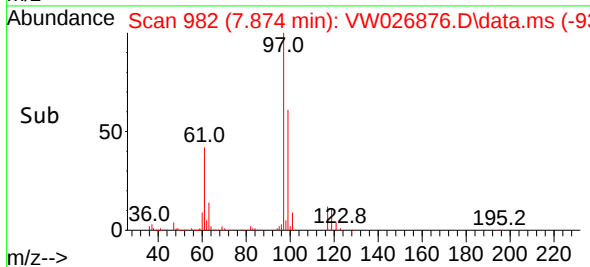
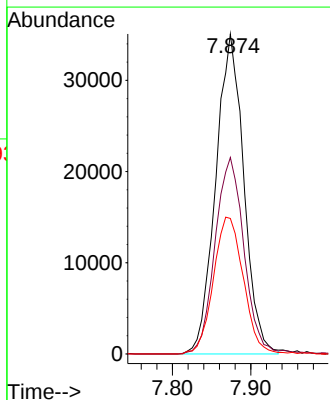
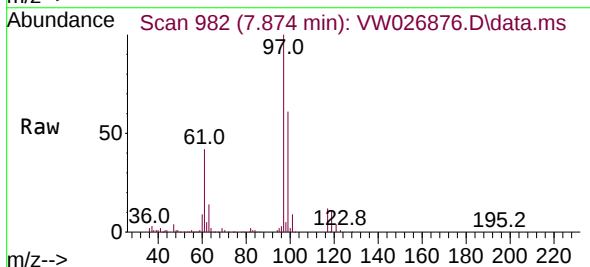


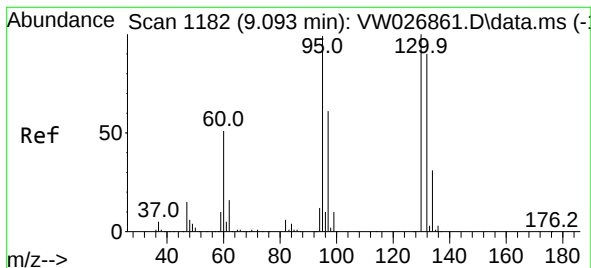
Tgt Ion: 56 Resp: 10761
Ion Ratio Lower Upper
56 100
69 8.6 23.2 34.8#
84 14.4 62.7 94.1#



#30
1,1,1-Trichloroethane
Concen: 7.590 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026876.D
Acq: 25 Aug 2023 01:17

Tgt Ion: 97 Resp: 87283
Ion Ratio Lower Upper
97 100
99 63.0 51.2 76.8
61 45.6 39.2 58.8





#34

Trichloroethene

Concen: 2.246 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

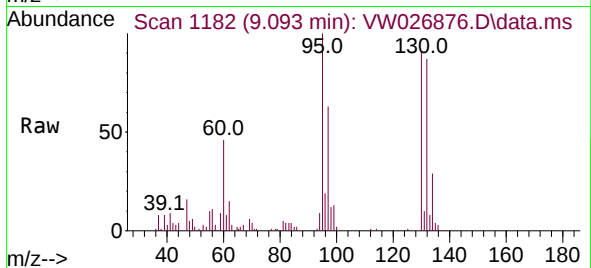
Lab File: VW026876.D

Acq: 25 Aug 2023 01:17

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 18358

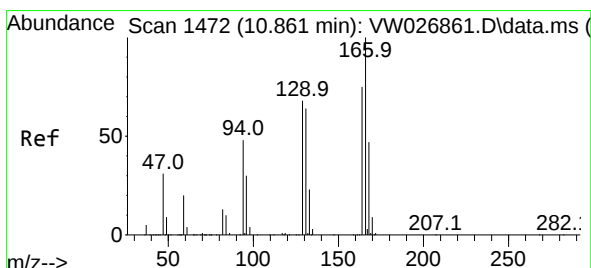
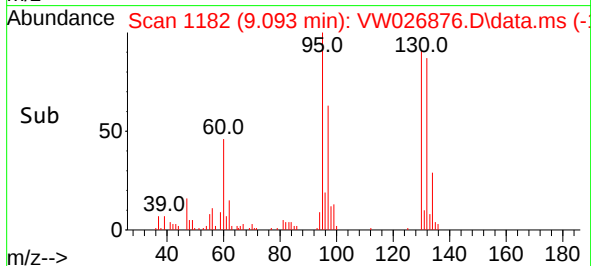
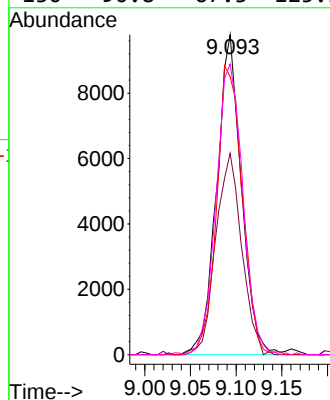
Ion Ratio Lower Upper

95 100

97 62.9 44.6 82.8

132 86.9 66.4 123.2

130 90.8 67.3 125.1



#46

Tetrachloroethene

Concen: 8.305 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW026876.D

Acq: 25 Aug 2023 01:17

Tgt Ion:164 Resp: 49310

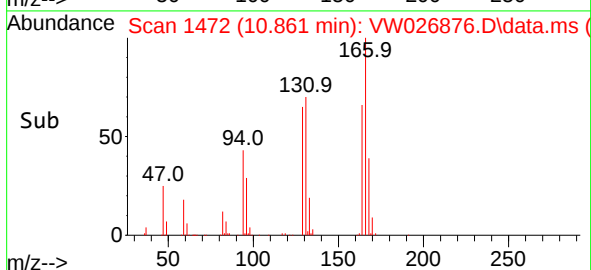
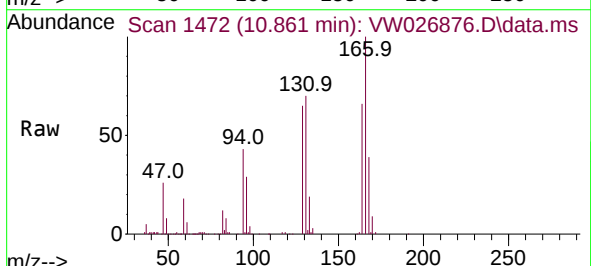
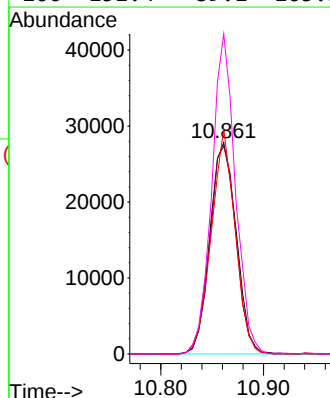
Ion Ratio Lower Upper

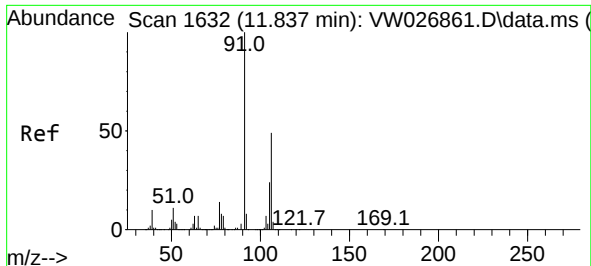
164 100

129 98.4 68.1 126.5

131 106.4 65.5 121.7

166 151.4 89.1 165.5

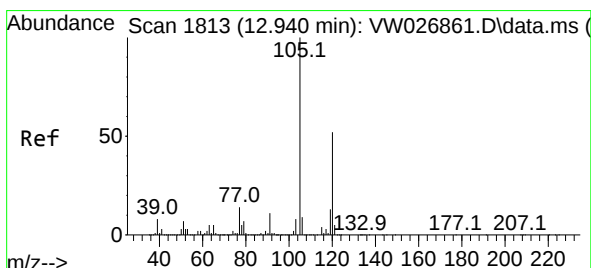
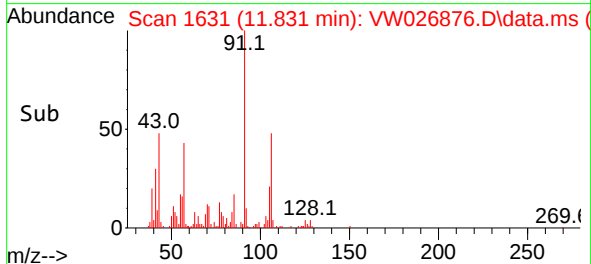
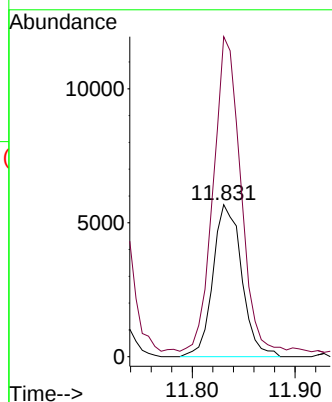
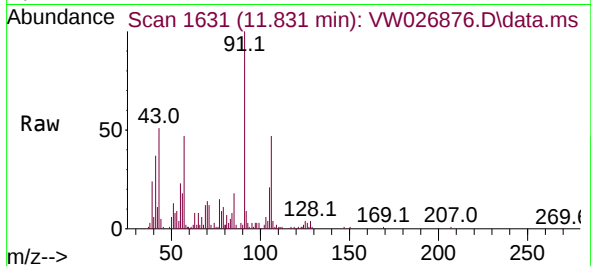




#53
m,p-Xylene
Concen: 0.817 ug/L
RT: 11.831 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW026876.D
Acq: 25 Aug 2023 01:17

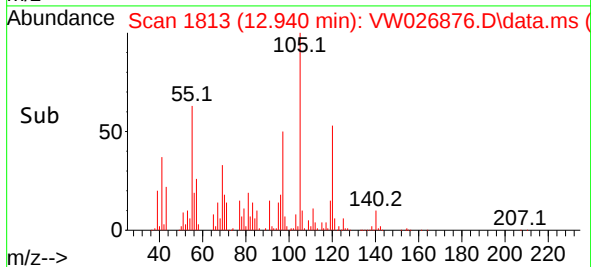
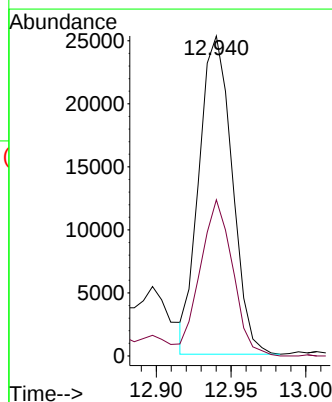
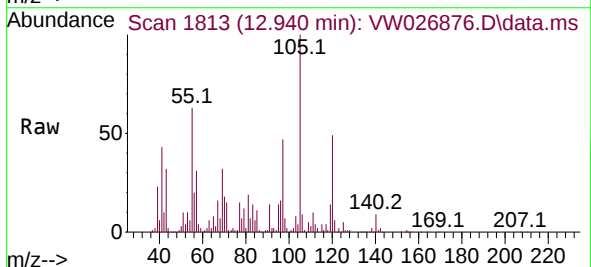
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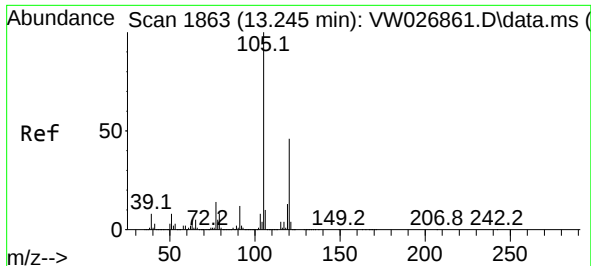
Tgt Ion:106 Resp: 11019
Ion Ratio Lower Upper
106 100
91 210.6 152.9 284.1



#62
1,3,5-Trimethylbenzene
Concen: 1.991 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW026876.D
Acq: 25 Aug 2023 01:17

Tgt Ion:105 Resp: 38818
Ion Ratio Lower Upper
105 100
120 48.8 37.4 56.2

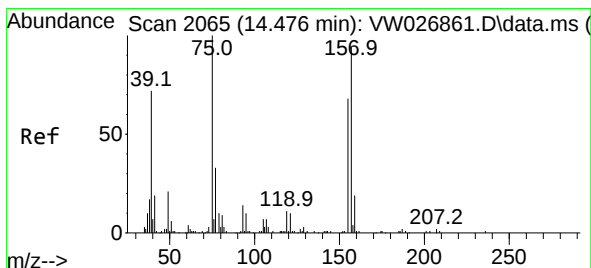
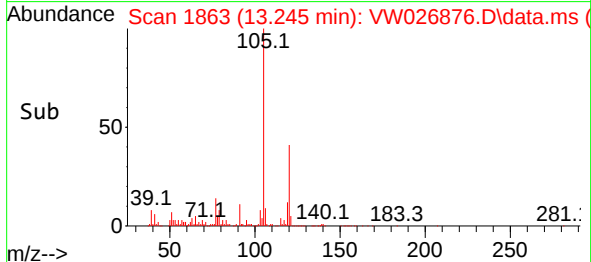
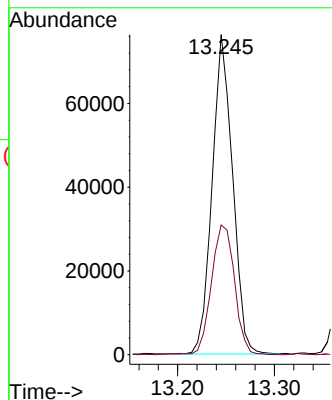
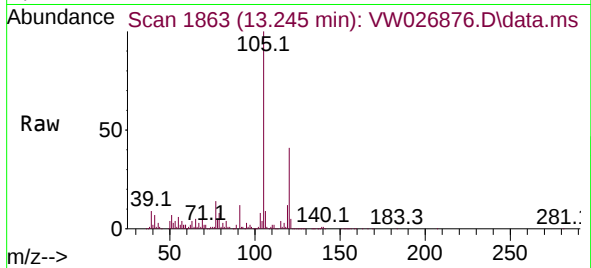




#63
1,2,4-Trimethylbenzene
Concen: 5.860 ug/L
RT: 13.245 min Scan# 111963
Delta R.T. 0.000 min
Lab File: VW026876.D
Acq: 25 Aug 2023 01:17

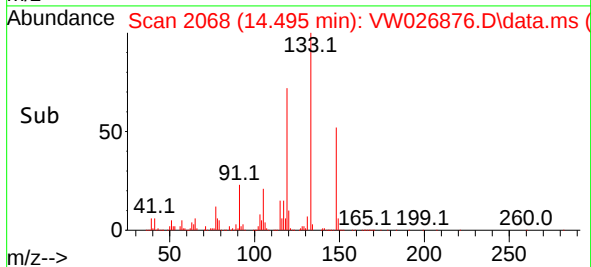
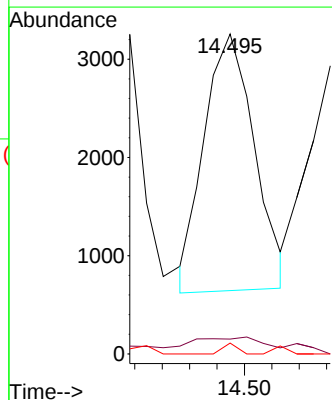
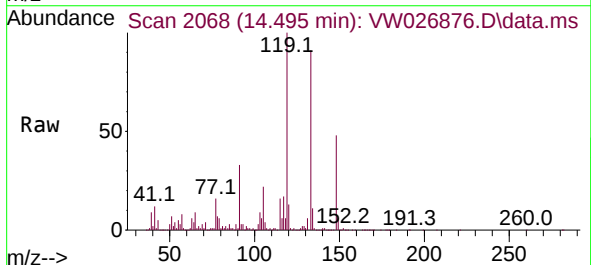
Instrument :
MSVOA_W
ClientSampleId :

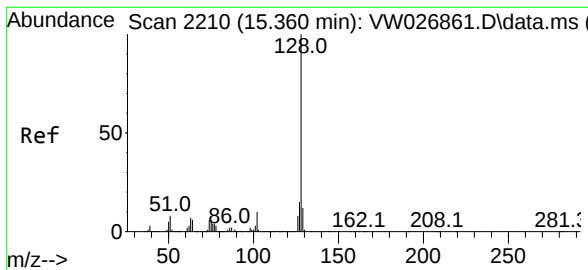
Tgt Ion:105 Resp: 111963
Ion Ratio Lower Upper
105 100
120 45.7 36.2 54.4



#68
1,2-Dibromo-3-chloropropane
Concen: 3.441 ug/L
RT: 14.495 min Scan# 2068
Delta R.T. 0.018 min
Lab File: VW026876.D
Acq: 25 Aug 2023 01:17

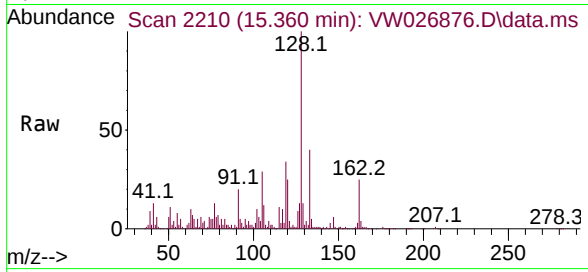
Tgt Ion: 75 Resp: 3339
Ion Ratio Lower Upper
75 100
155 4.7 55.0 82.6#
157 3.4 77.8 116.6#





#71
Naphthalene
Concen: 5.377 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW026876.D
Acq: 25 Aug 2023 01:17

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	128	Resp:	63036
Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.7	16.1
129	14.6	9.0	13.4#

