

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 :
 EZYH8

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)

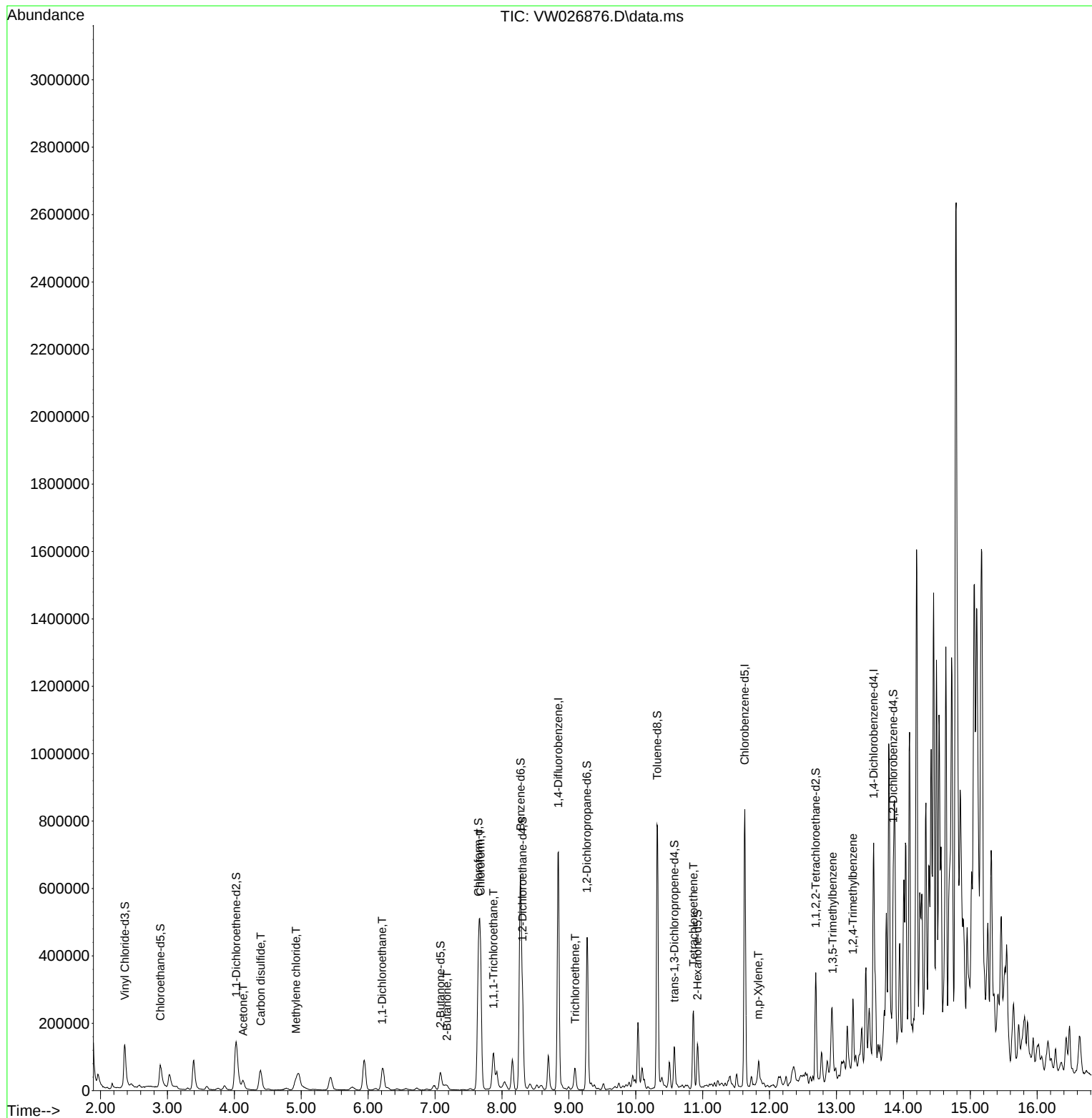
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	573628	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	440648	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	165922	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	102218	10.840	ug/L	0.00
Spiked Amount	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
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

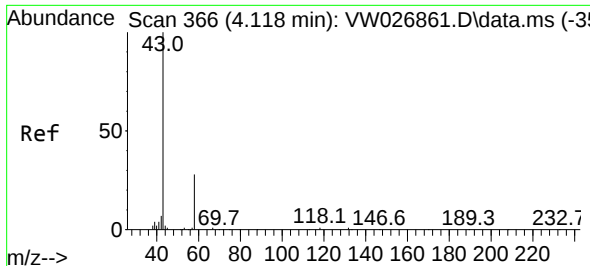
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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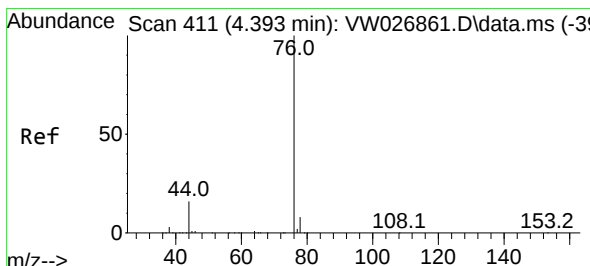
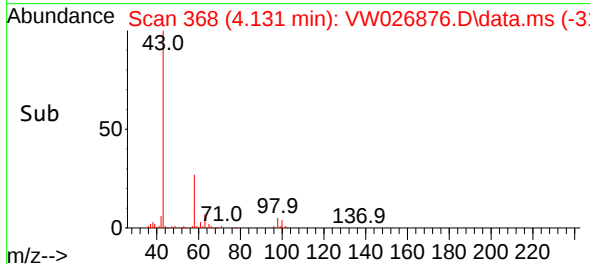
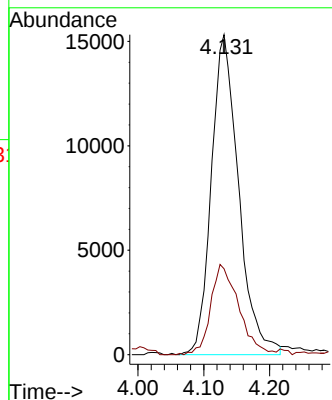
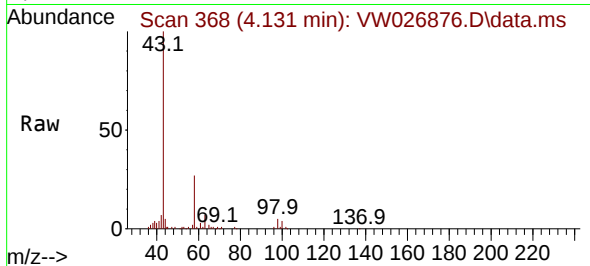




#13
Acetone
Concen: 16.396 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.012 min
Lab File: VW026876.D
Acq: 25 Aug 2023 01:17

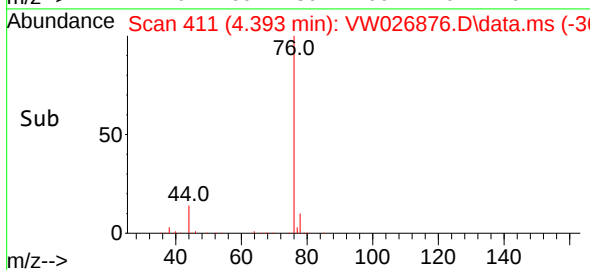
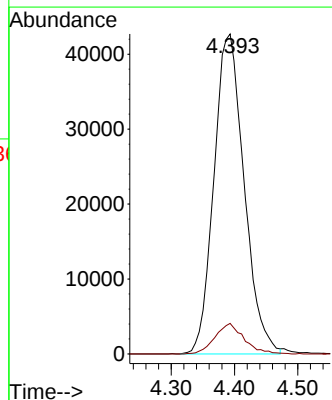
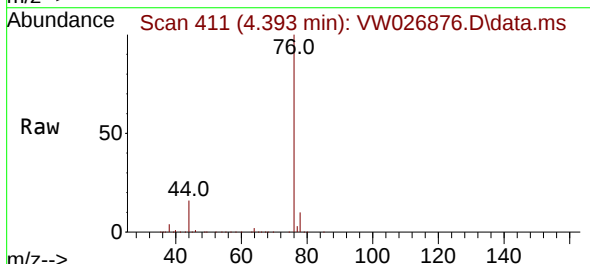
Instrument :
MSVOA_W
ClientSampleId :
EZYH8

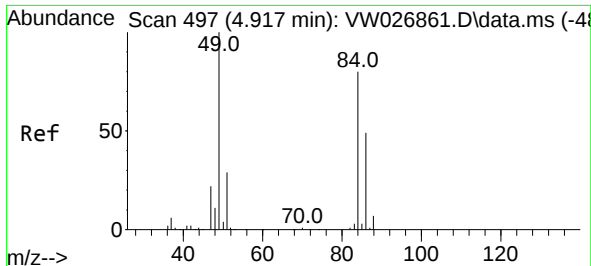
Tgt Ion: 43 Resp: 44184
Ion Ratio Lower Upper
43 100
58 28.9 0.0 57.4



#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

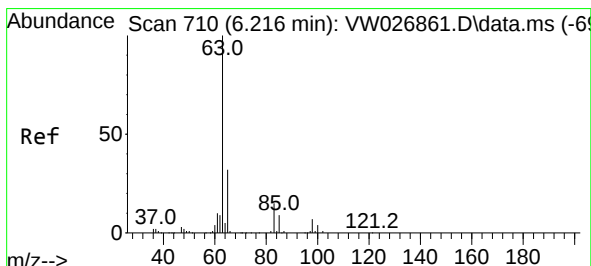
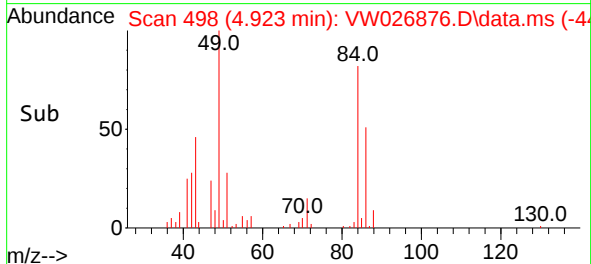
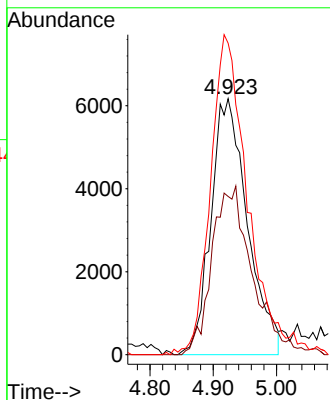
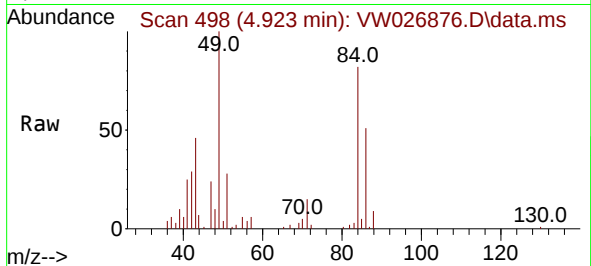




#16
Methylene chloride
Concen: 2.231 ug/L
RT: 4.923 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW026876.D
Acq: 25 Aug 2023 01:17

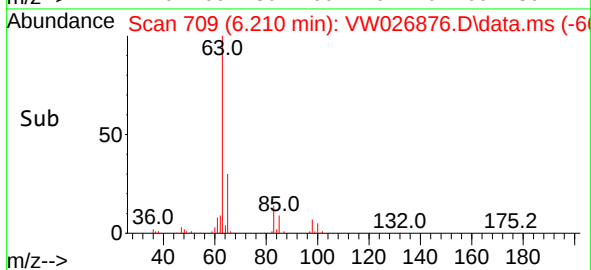
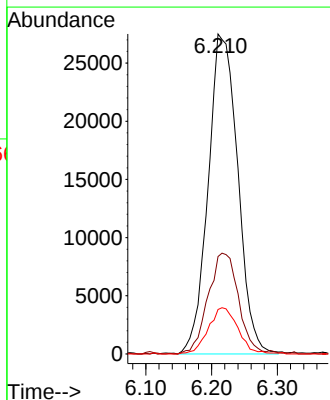
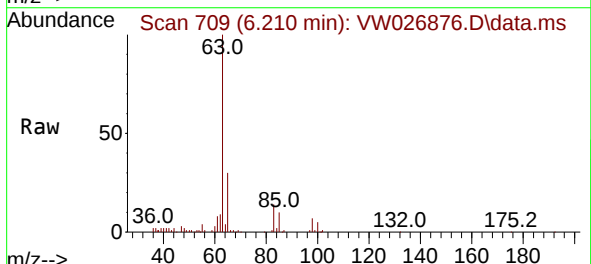
Instrument :
MSVOA_W
ClientSampleId :
EZYH8

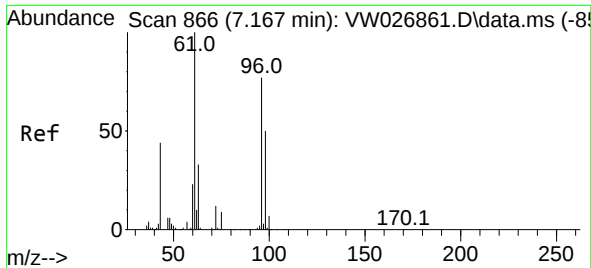
Tgt Ion:	84	Resp:	24754
Ion	Ratio	Lower	Upper
84	100		
86	61.8	43.5	80.9
49	121.7	96.0	178.2



#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

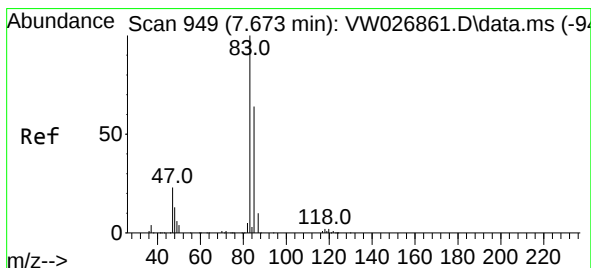
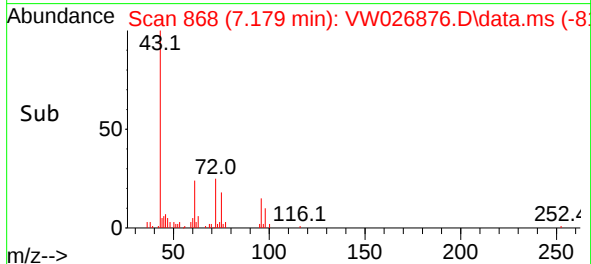
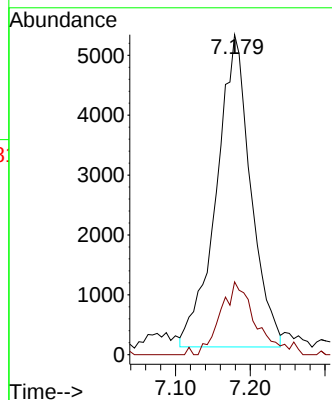
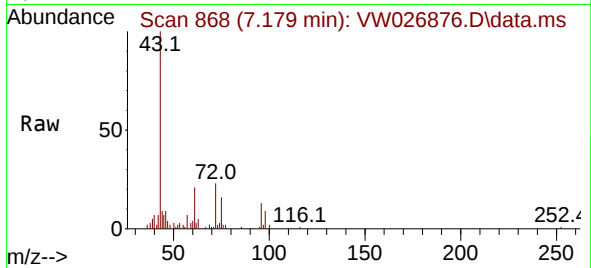




#22
2-Butanone
Concen: 4.203 ug/L
RT: 7.179 min Scan# 80
Delta R.T. 0.012 min
Lab File: VW026876.D
Acq: 25 Aug 2023 01:17

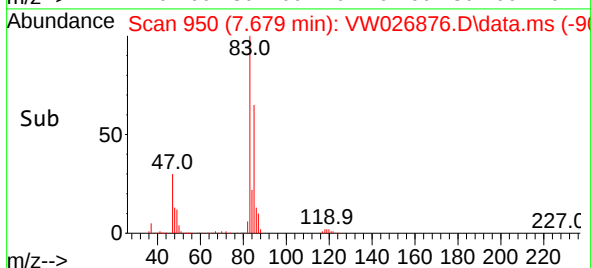
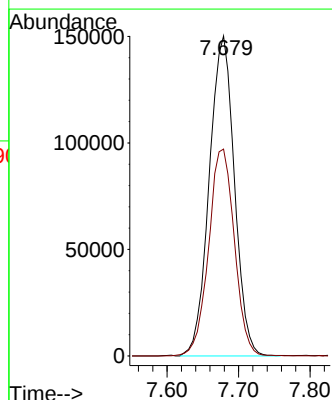
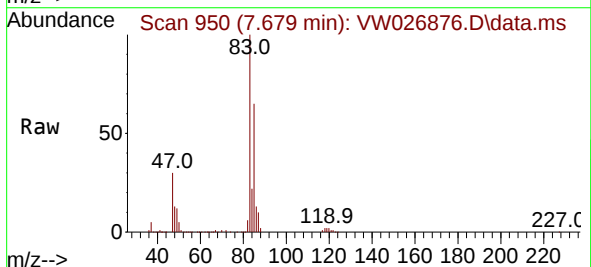
Instrument :
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EZYH8

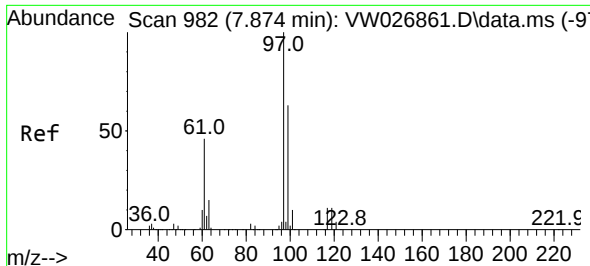
Tgt Ion: 43 Resp: 16691
Ion Ratio Lower Upper
43 100
72 15.1 11.8 35.4



#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

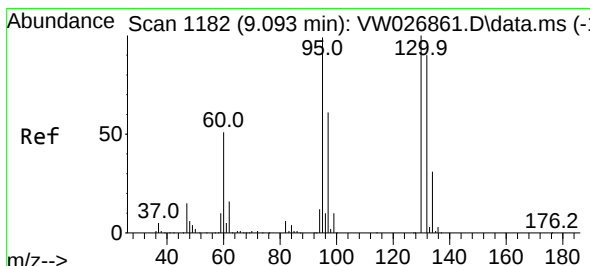
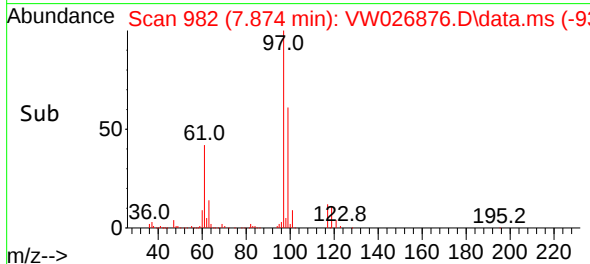
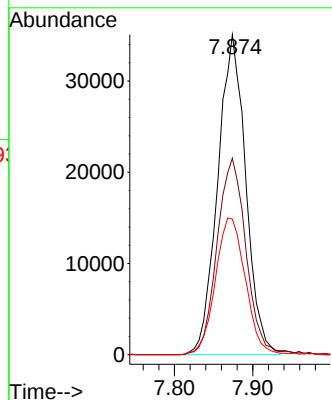
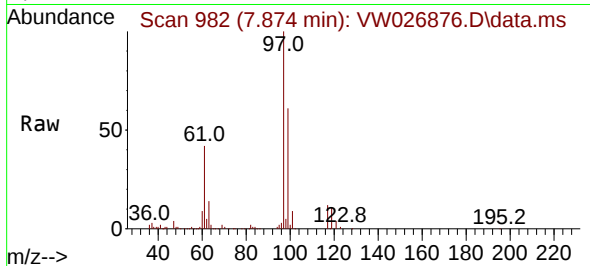




#30
1,1,1-Trichloroethane
Concen: 7.590 ug/L
RT: 7.874 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW026876.D
Acq: 25 Aug 2023 01:17

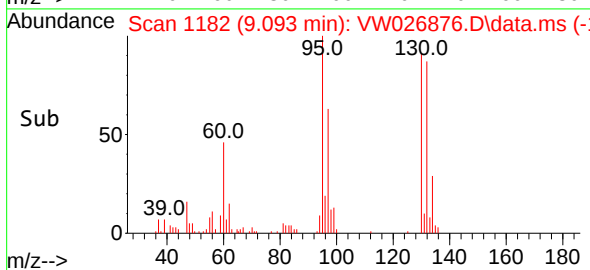
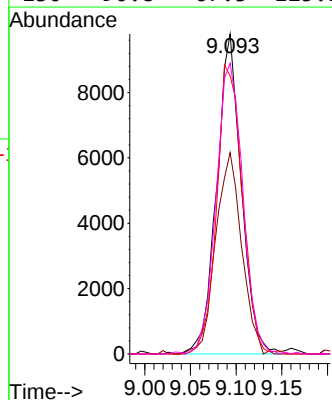
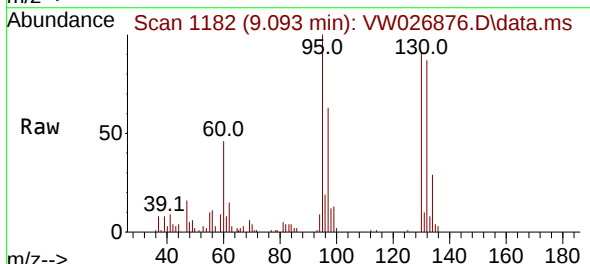
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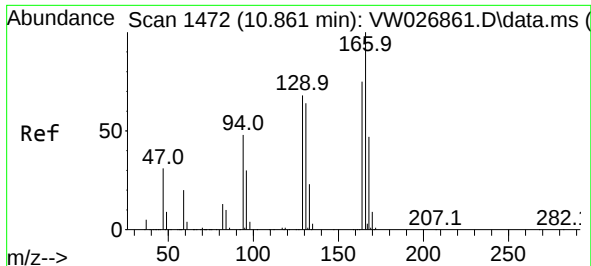
Tgt Ion:	97	Resp:	87283
Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.2	76.8
61	45.6	39.2	58.8



#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

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

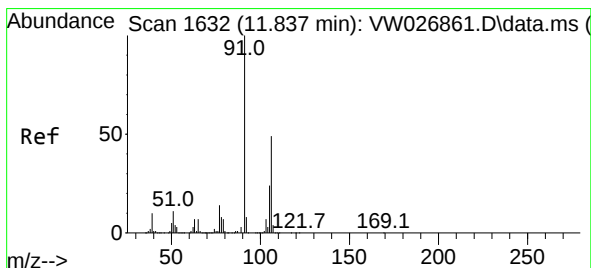
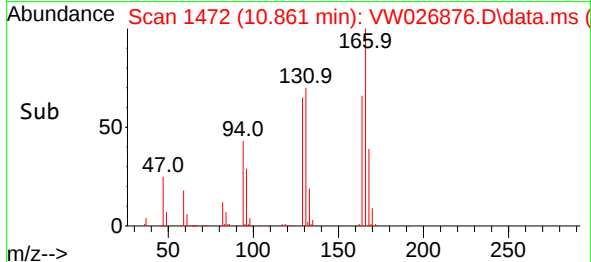
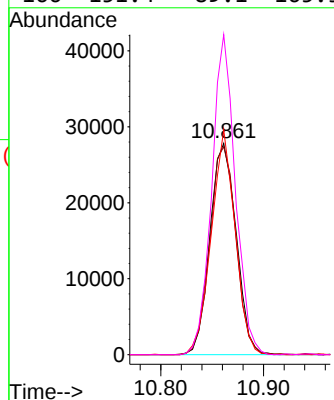
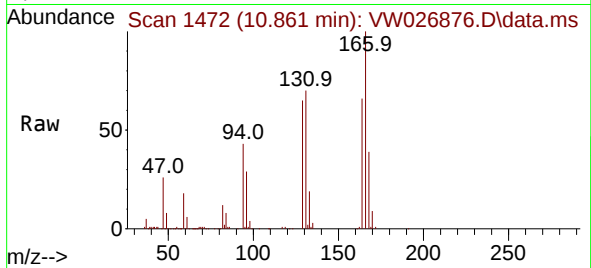




#46
Tetrachloroethene
Concen: 8.305 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026876.D
Acq: 25 Aug 2023 01:17

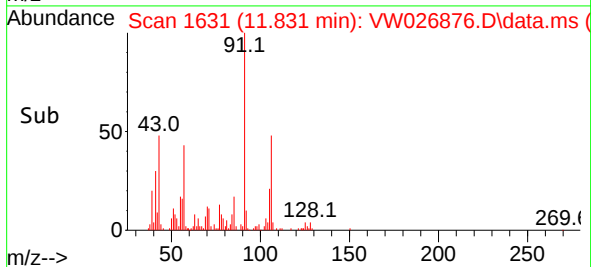
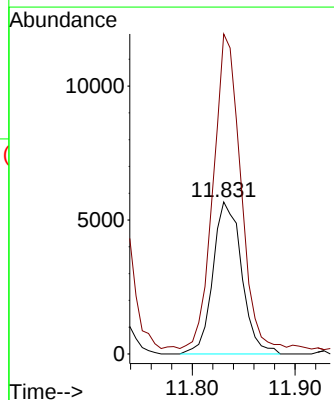
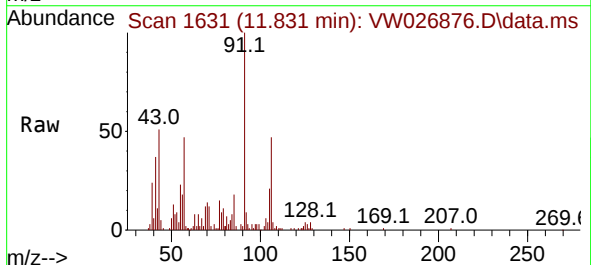
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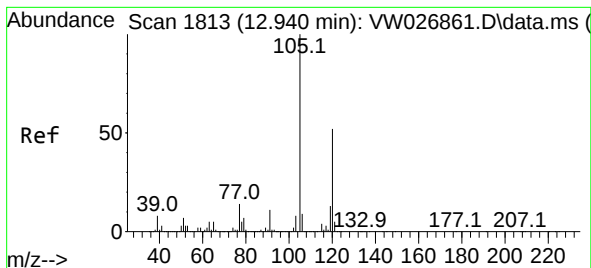
Tgt Ion:164	Resp:	49310
Ion Ratio	Lower	Upper
164	100	
129	98.4	68.1 126.5
131	106.4	65.5 121.7
166	151.4	89.1 165.5



#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

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

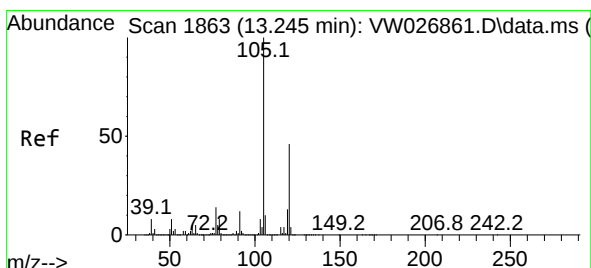
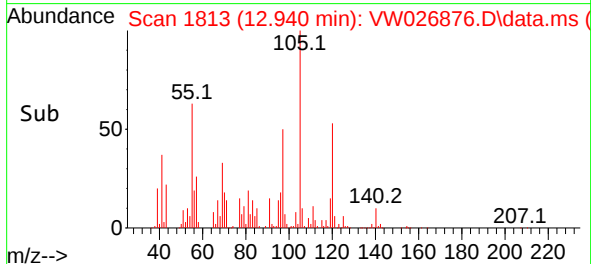
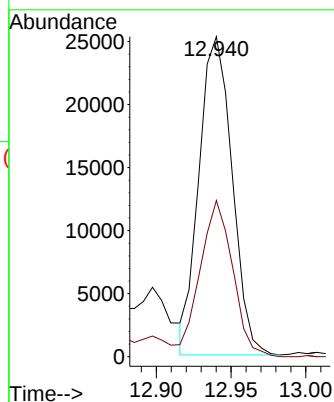
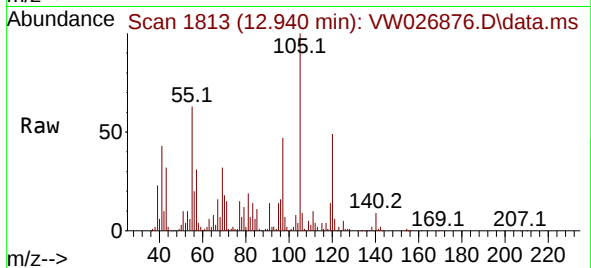




#62
 1,3,5-Trimethylbenzene
 Concen: 1.991 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW026876.D
 Acq: 25 Aug 2023 01:17

Instrument :
 MSVOA_W
 ClientSampleId :
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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# 1863
 Delta R.T. 0.000 min
 Lab File: VW026876.D
 Acq: 25 Aug 2023 01:17

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

