

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
 Data File : VW030178.D
 Acq On : 20 Sep 2024 16:26
 Operator : SY/MD
 Sample : 4109-14
 Misc : 5.10g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 20 23:55:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 20 23:43:18 2024
 Response via : Initial Calibration

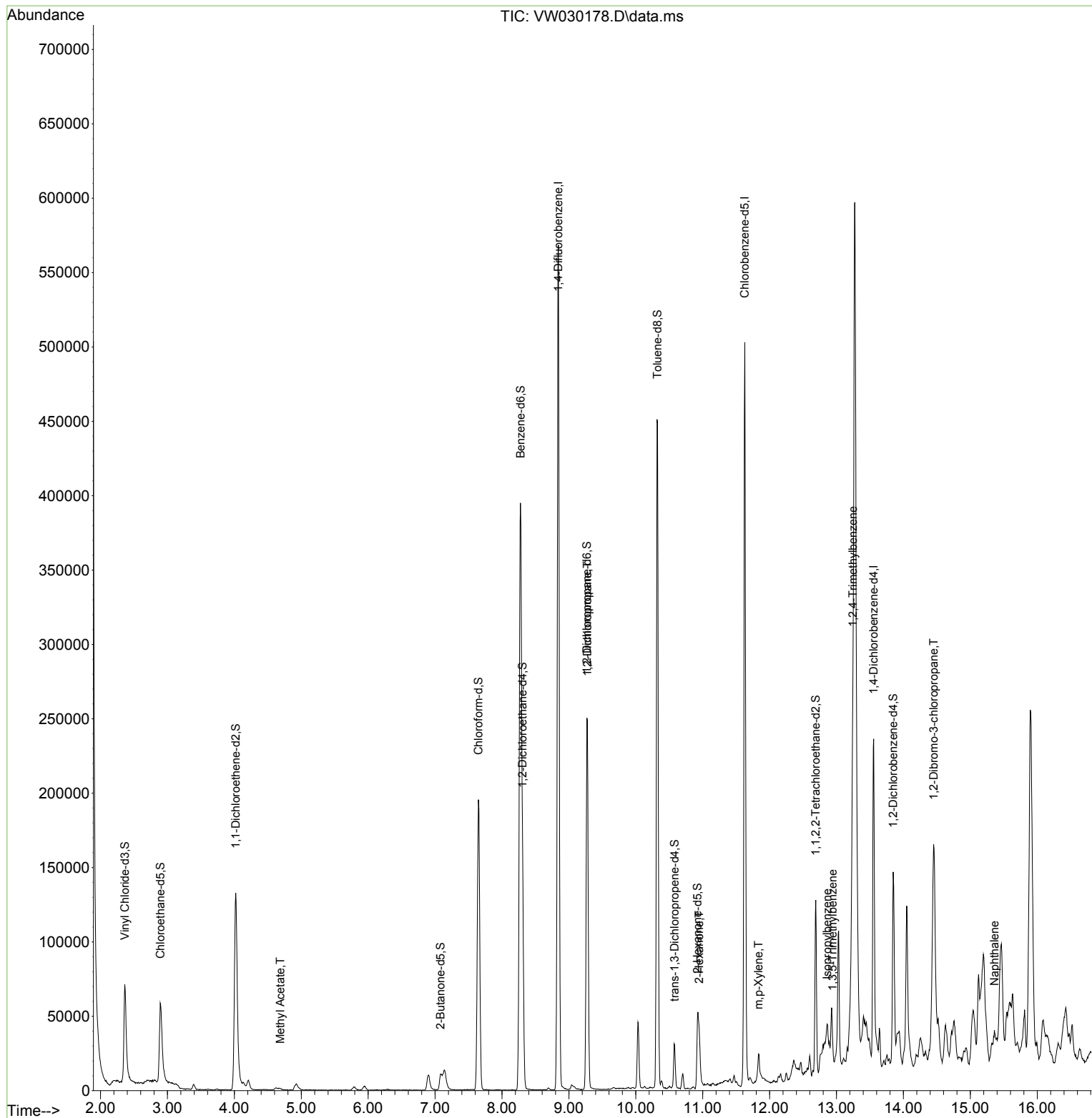
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	510136	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	291221	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	61541	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	105284	15.981	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.920%
7) Chloroethane-d5	2.893	69	91569	19.688	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.760%
11) 1,1-Dichloroethene-d2	4.021	65	47062	14.297	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.200%
21) 2-Butanone-d5	7.081	46	17167	10.762	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	21.520%
24) Chloroform-d	7.648	84	211908	15.108	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	60.440%
26) 1,2-Dichloroethane-d4	8.307	65	109591	15.559	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	62.240%#
32) Benzene-d6	8.276	84	431938	25.746	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	9.270	67	127586	24.631	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.520%
41) Toluene-d8	10.325	98	322897	21.477	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.920%
43) trans-1,3-Dichloroprop...	10.581	79	18096	8.720	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	34.880%
47) 2-Hexanone-d5	10.922	63	13215	16.672	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	33.340%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	60927	15.799	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	63.200%
66) 1,2-Dichlorobenzene-d4	13.848	152	35266	16.881	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	67.520%#
Target Compounds						
15) Methyl Acetate	4.685	43	1013	0.342	ug/L	94
37) 1,2-Dichloropropane	9.276	63	13759	2.851	ug/L #	87
48) 2-Hexanone	10.947	43	26458	13.953	ug/L #	41
53) m,p-Xylene	11.837	106	2495	0.313	ug/L	79
60) Isopropylbenzene	12.861	105	10721	1.183	ug/L	94
62) 1,3,5-Trimethylbenzene	12.940	105	7577	1.141	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	16330	2.365	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.452	75	1245	4.459	ug/L #	1
71) Naphthalene	15.360	128	9982	2.421	ug/L #	89

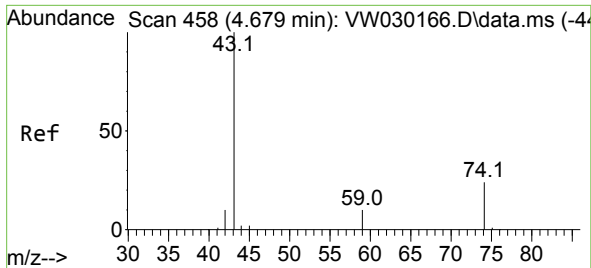
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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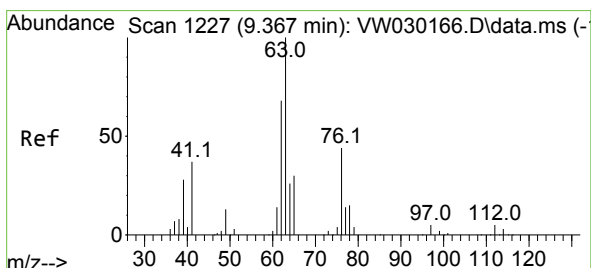
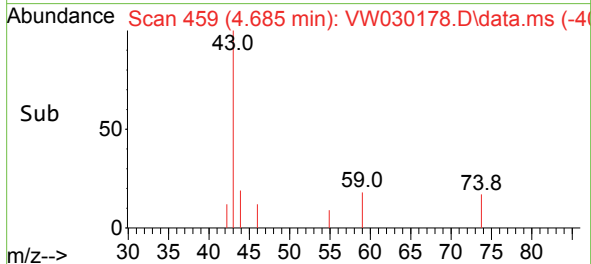
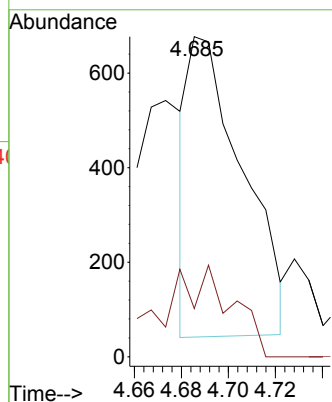
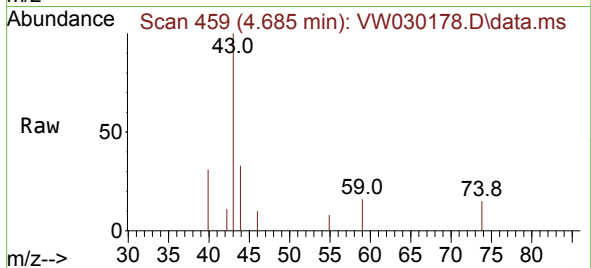




#15
Methyl Acetate
Concen: 0.342 ug/L
RT: 4.685 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW030178.D
Acq: 20 Sep 2024 16:26

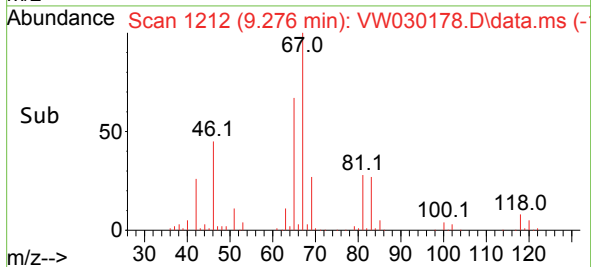
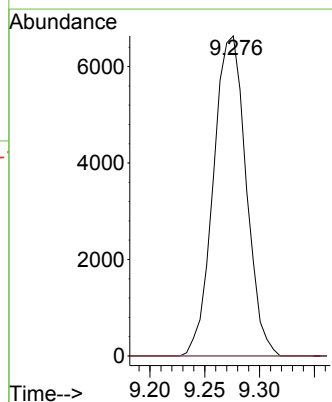
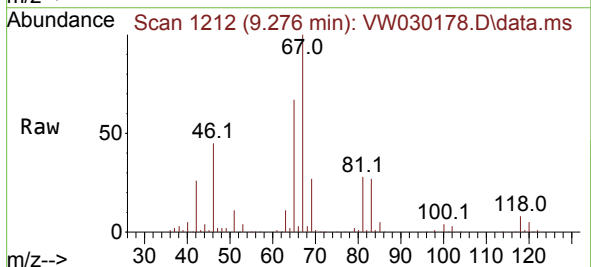
Instrument :
MSVOA_W
ClientSampleId :

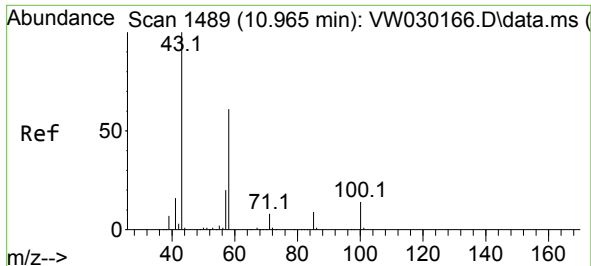
Tgt Ion: 43 Resp: 1013
Ion Ratio Lower Upper
43 100
74 20.7 18.9 28.3



#37
1,2-Dichloropropane
Concen: 2.851 ug/L
RT: 9.276 min Scan# 1212
Delta R.T. -0.091 min
Lab File: VW030178.D
Acq: 20 Sep 2024 16:26

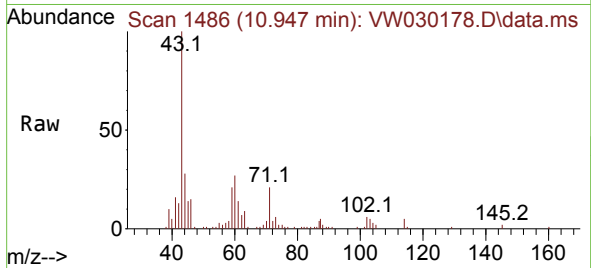
Tgt Ion: 63 Resp: 13759
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



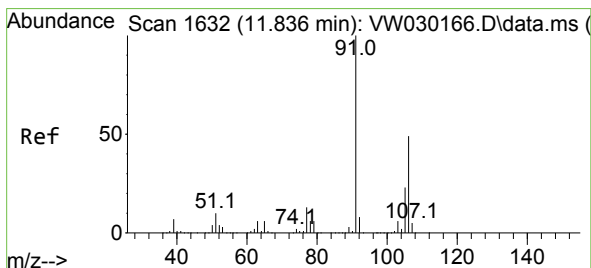
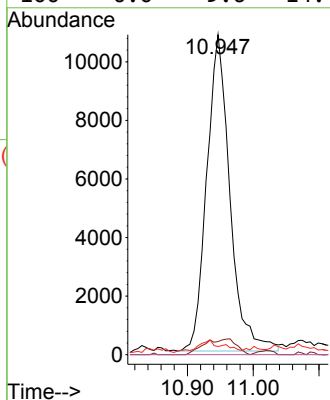
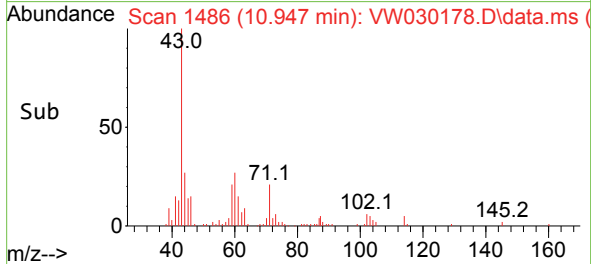


#48
2-Hexanone
Concen: 13.953 ug/L
RT: 10.947 min Scan# 1486
Delta R.T. -0.018 min
Lab File: VW030178.D
Acq: 20 Sep 2024 16:26

Instrument :
MSVOA_W
ClientSampleId :

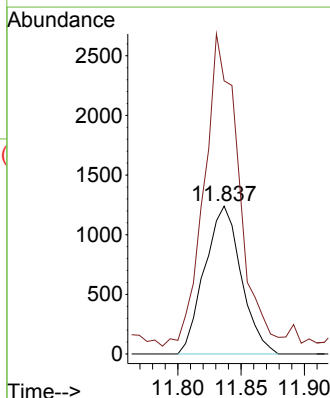
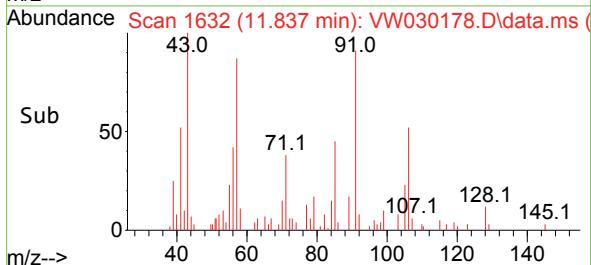
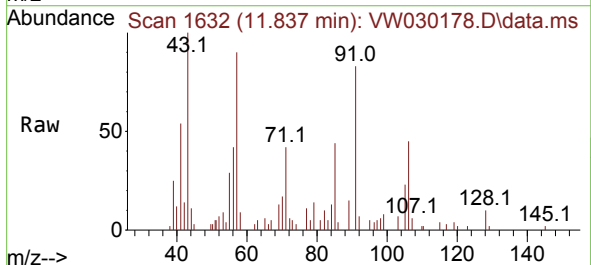


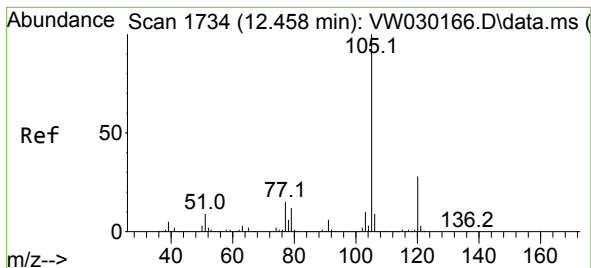
Tgt Ion: 43	Resp: 26458
Ion Ratio	Lower Upper
43	100
58	4.1 44.8 67.2#
57	0.9 15.4 23.2#
100	0.0 9.6 14.4#



#53
m,p-Xylene
Concen: 0.313 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030178.D
Acq: 20 Sep 2024 16:26

Tgt Ion: 106	Resp: 2495
Ion Ratio	Lower Upper
106	100
91	184.7 152.9 283.9





#60

Isopropylbenzene

Concen: 1.183 ug/L

RT: 12.861 min Scan# 1800

Delta R.T. 0.402 min

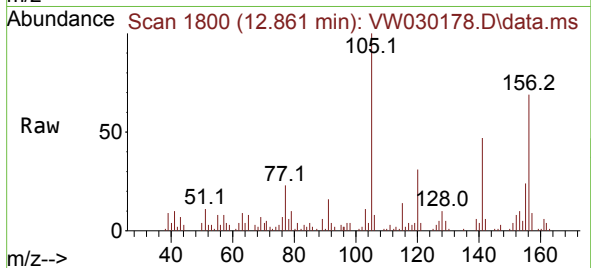
Lab File: VW030178.D

Acq: 20 Sep 2024 16:26

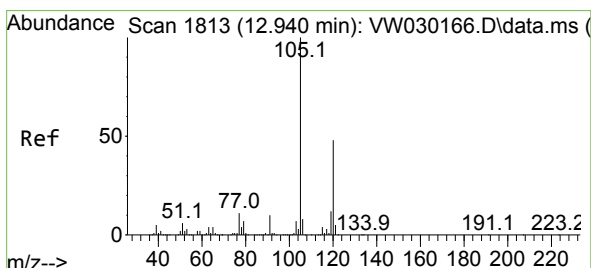
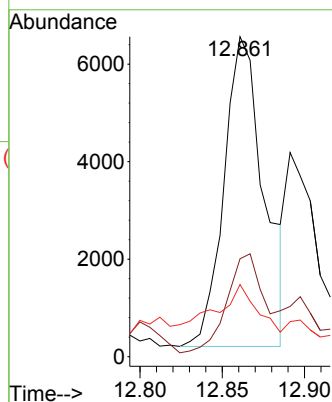
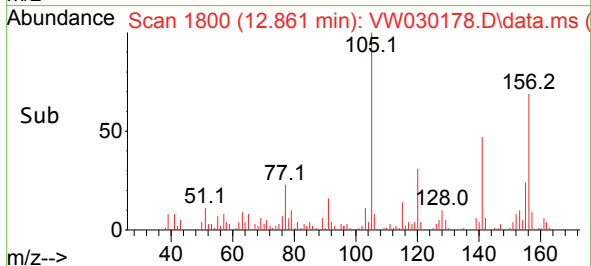
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	105	Resp:	10721
Ion	Ratio	Lower	Upper
105	100		
120	29.8	20.2	30.2
77	17.1	13.0	19.4



#62

1,3,5-Trimethylbenzene

Concen: 1.141 ug/L

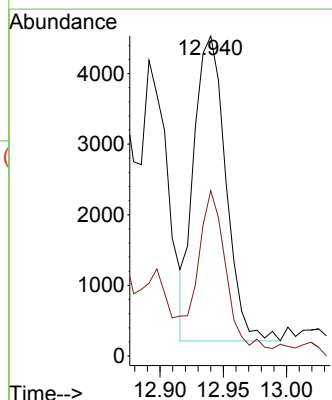
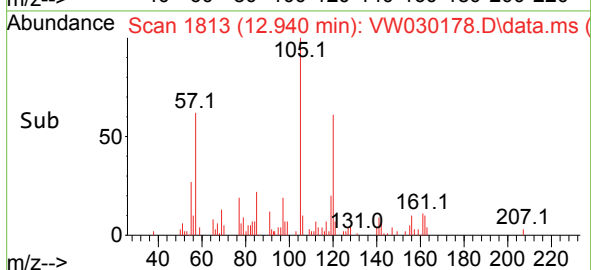
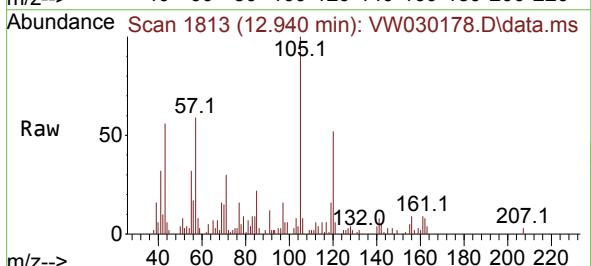
RT: 12.940 min Scan# 1813

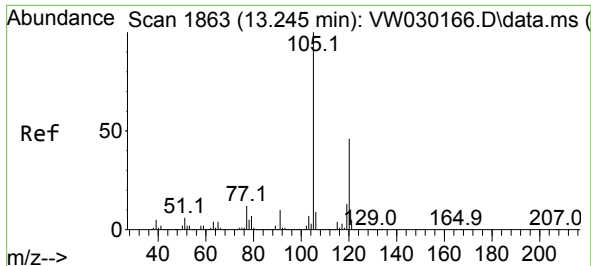
Delta R.T. 0.000 min

Lab File: VW030178.D

Acq: 20 Sep 2024 16:26

Tgt Ion:	105	Resp:	7577
Ion	Ratio	Lower	Upper
105	100		
120	45.1	37.3	55.9

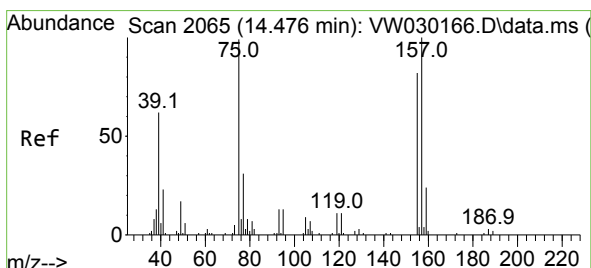
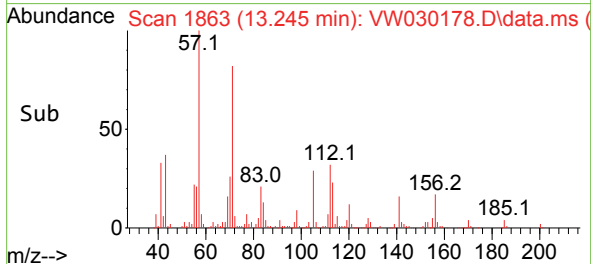
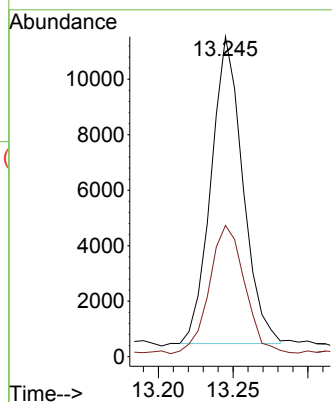
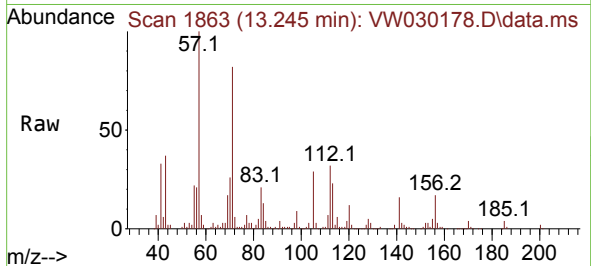




#63
1,2,4-Trimethylbenzene
Concen: 2.365 ug/L
RT: 13.245 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030178.D
Acq: 20 Sep 2024 16:26

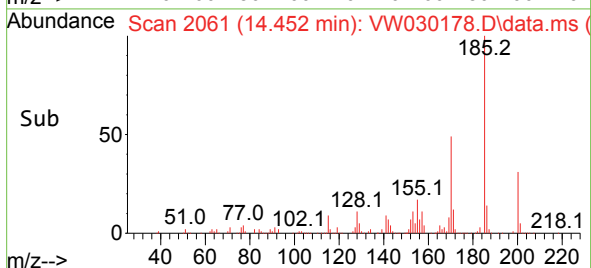
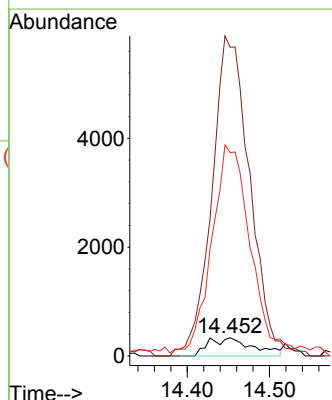
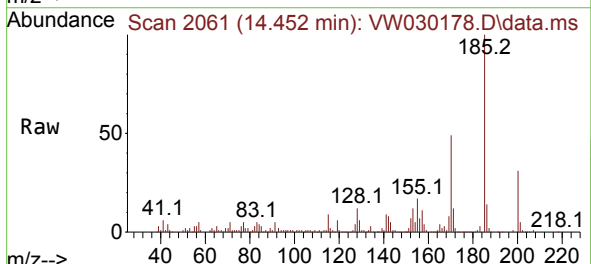
Instrument :
MSVOA_W
ClientSampleId :

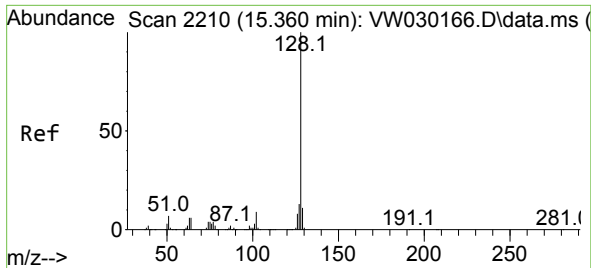
Tgt Ion:105 Resp: 16330
Ion Ratio Lower Upper
105 100
120 46.6 34.8 52.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.459 ug/L
RT: 14.452 min Scan# 2061
Delta R.T. -0.024 min
Lab File: VW030178.D
Acq: 20 Sep 2024 16:26

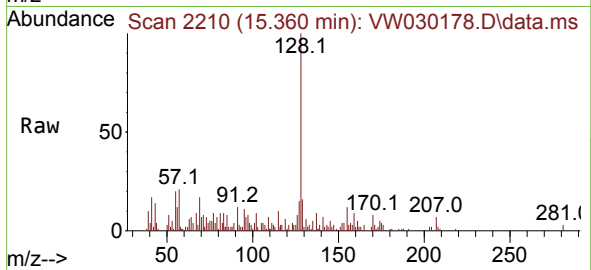
Tgt Ion: 75 Resp: 1245
Ion Ratio Lower Upper
75 100
155 1684.6 60.5 90.7#
157 1109.8 66.9 100.3#





#71
Naphthalene
Concen: 2.421 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW030178.D
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Tgt Ion:128 Resp: 9982
Ion Ratio Lower Upper
128 100
127 19.0 10.1 15.1#
129 8.7 8.4 12.6

