

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
 Data File : VW027733.D
 Acq On : 18 Dec 2023 16:19
 Operator : SY/MD
 Sample : 05794-09
 Misc : 5.82g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 22:14:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

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

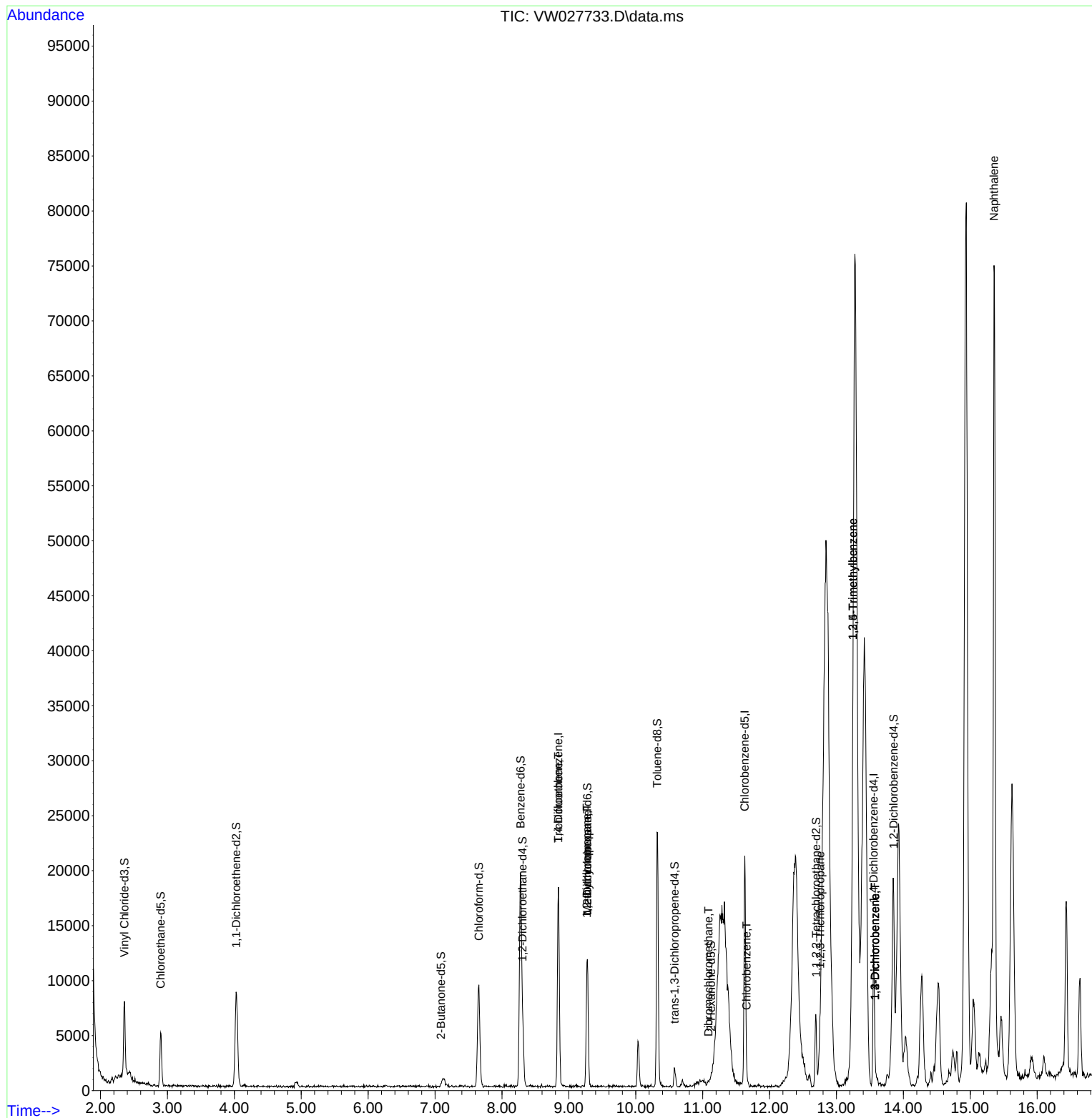
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	17087	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	13253	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	3599	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	7040	29.092	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.360%
7) Chloroethane-d5	2.899	69	5368	28.490	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.960%
11) 1,1-Dichloroethene-d2	4.027	65	2585	26.672	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	106.680%
21) 2-Butanone-d5	7.088	46	239	5.800	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	11.600%#
24) Chloroform-d	7.655	84	10317	25.374	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.480%
26) 1,2-Dichloroethane-d4	8.307	65	4543	23.797	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	8.276	84	22026	28.437	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.760%
36) 1,2-Dichloropropane-d6	9.276	67	6314	28.774	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.080%
41) Toluene-d8	10.319	98	17353	24.147	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	10.581	79	1245	14.654	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.600%
47) 2-Hexanone-d5	11.123	63	56	1.751	ug/L	0.20
Spiked Amount	50.000	Range	20 - 135	Recovery	=	3.500%#
56) 1,1,2,2-Tetrachloroeth...	12.696	84	3604	21.718	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.880%
66) 1,2-Dichlorobenzene-d4	13.855	152	4219	32.749	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	131.000%#
Target Compounds						Qvalue
34) Trichloroethene	8.843	95	436	2.082	ug/L #	3
35) Methylcyclohexane	9.276	83	1566	4.146	ug/L #	21
37) 1,2-Dichloropropane	9.270	63	655	3.532	ug/L #	85
49) Dibromochloromethane	11.087	129	84	0.585	ug/L #	10
51) Chlorobenzene	11.654	112	216	0.409	ug/L #	74
61) 1,2,3-Trichloropropane	12.757	75	54	0.900	ug/L #	1
62) 1,3,5-Trimethylbenzene	13.245	105	782	1.926	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	782	1.956	ug/L	98
64) 1,3-Dichlorobenzene	13.574	146	107	0.487	ug/L #	74
65) 1,4-Dichlorobenzene	13.574	146	107	0.485	ug/L #	71
67) 1,2-Dichlorobenzene	13.574	146	107	0.561	ug/L #	70
71) Naphthalene	15.354	128	70663	317.933	ug/L	99

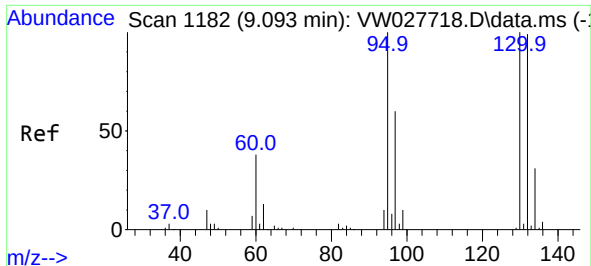
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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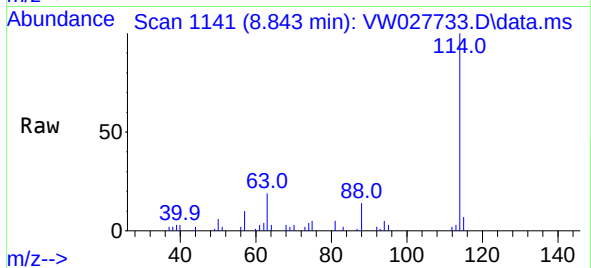
Quant Time: Dec 18 22:14:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
QLast Update : Sun Dec 17 01:25:09 2023
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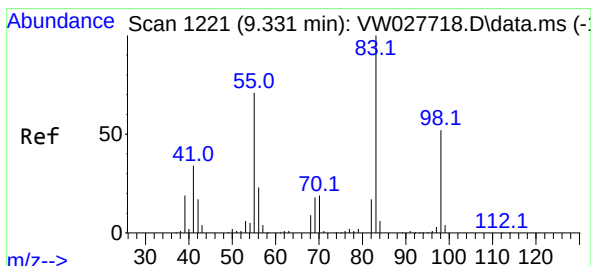
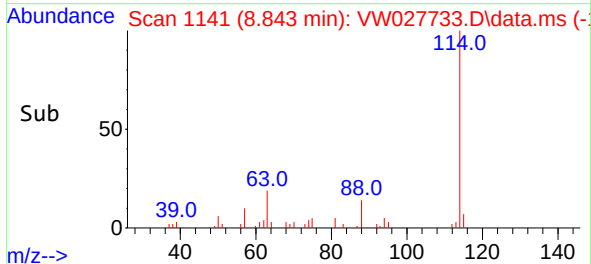
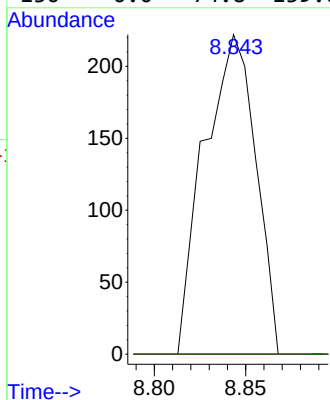
#34
Trichloroethene
Concen: 2.082 ug/L
RT: 8.843 min Scan# 1182
Delta R.T. -0.244 min
Lab File: VW027733.D
Acq: 18 Dec 2023 16:19

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 436

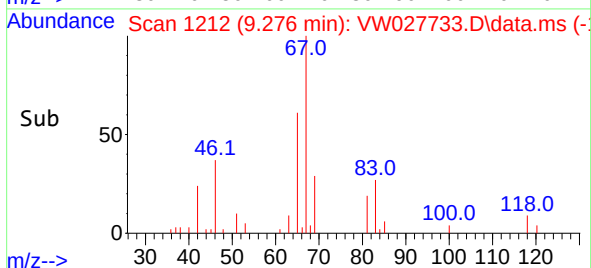
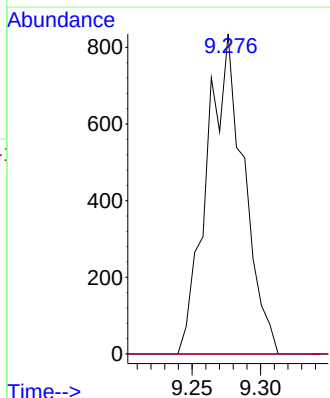
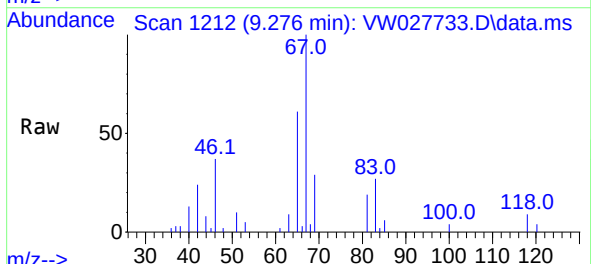
Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.9	85.3#
132	0.0	70.4	130.8#
130	0.0	74.8	139.0#

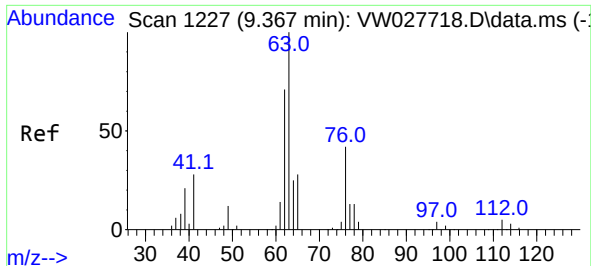


#35
Methylcyclohexane
Concen: 4.146 ug/L
RT: 9.276 min Scan# 1212
Delta R.T. -0.055 min
Lab File: VW027733.D
Acq: 18 Dec 2023 16:19

Tgt Ion: 83 Resp: 1566

Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.1	82.7#
98	0.0	39.3	58.9#





#37

1,2-Dichloropropane

Concen: 3.532 ug/L

RT: 9.270 min Scan# 11

Delta R.T. -0.097 min

Lab File: VW027733.D

Acq: 18 Dec 2023 16:19

Instrument :

MSVOA_W

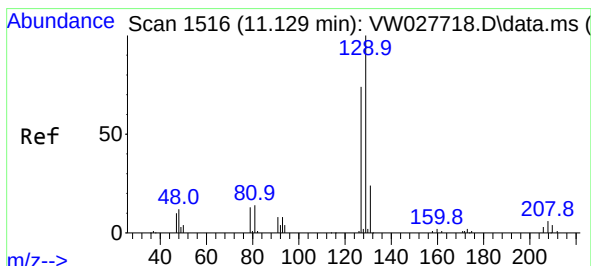
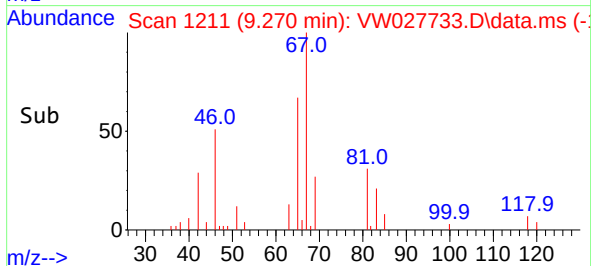
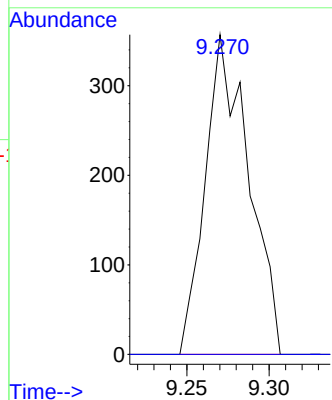
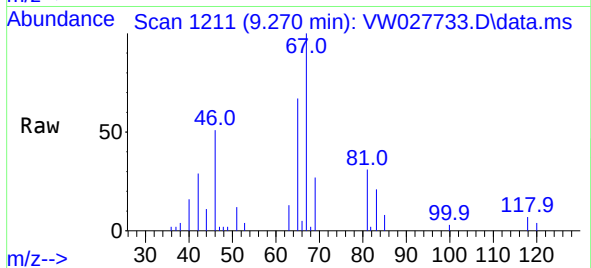
ClientSampleId :

Tgt Ion: 63 Resp: 655

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#49

Dibromochloromethane

Concen: 0.585 ug/L

RT: 11.087 min Scan# 1509

Delta R.T. -0.037 min

Lab File: VW027733.D

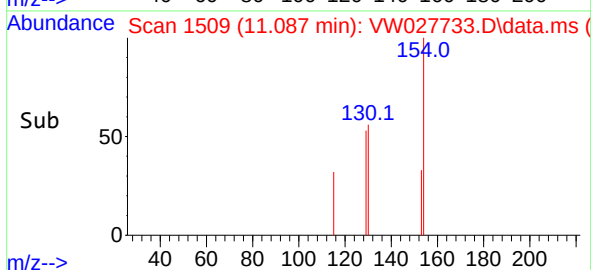
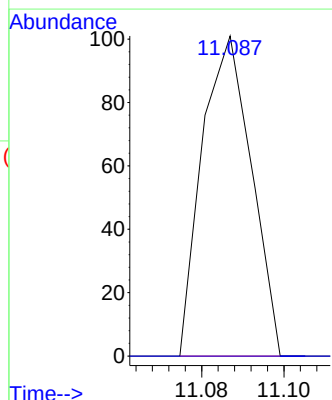
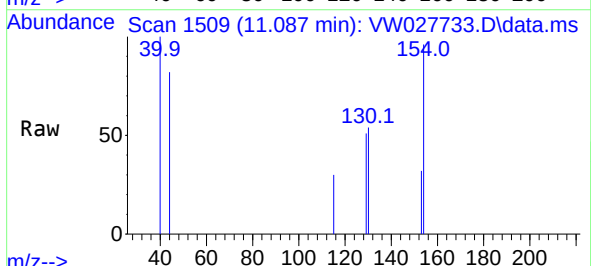
Acq: 18 Dec 2023 16:19

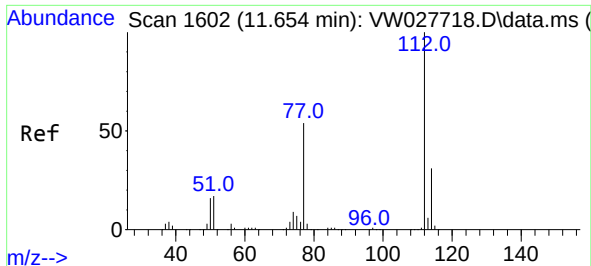
Tgt Ion: 129 Resp: 84

Ion Ratio Lower Upper

129 100

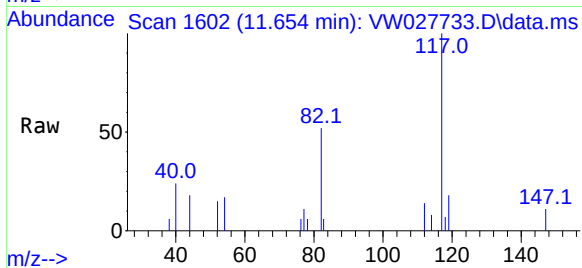
127 0.0 55.4 102.8#



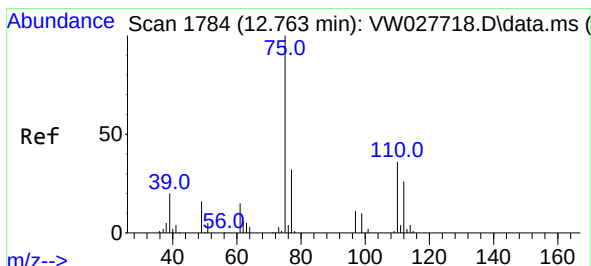
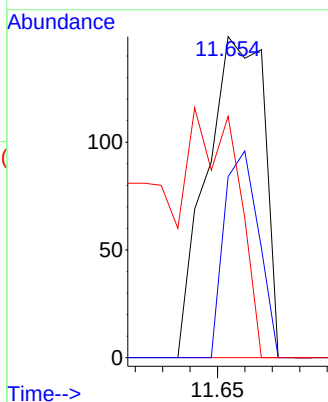
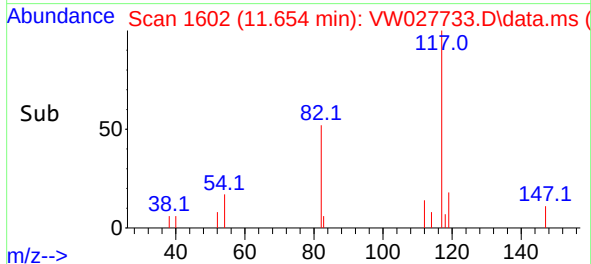


#51
Chlorobenzene
Concen: 0.409 ug/L
RT: 11.654 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027733.D
Acq: 18 Dec 2023 16:19

Instrument :
MSVOA_W
ClientSampleId :

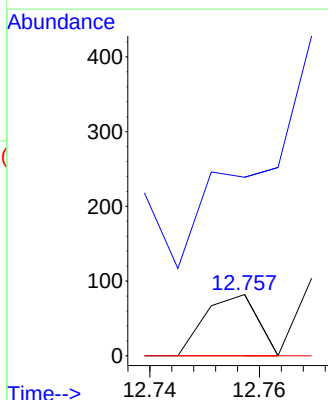
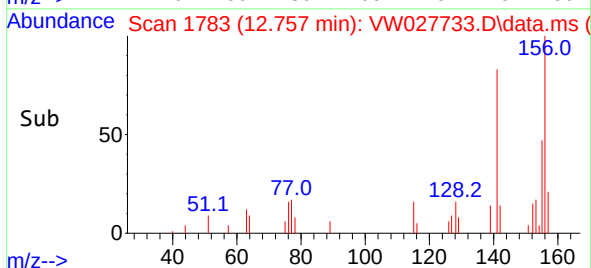
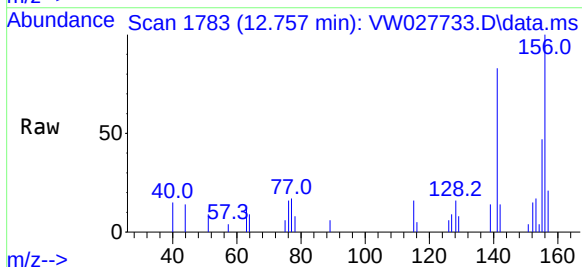


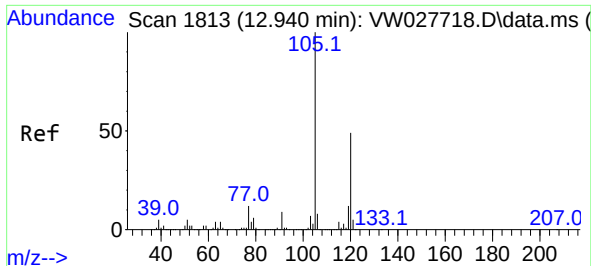
Tgt Ion:112 Resp: 216
Ion Ratio Lower Upper
112 100
114 56.4 25.0 46.4#
77 75.2 48.1 72.1#



#61
1,2,3-Trichloropropane
Concen: 0.900 ug/L
RT: 12.757 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VW027733.D
Acq: 18 Dec 2023 16:19

Tgt Ion: 75 Resp: 54
Ion Ratio Lower Upper
75 100
77 661.1 26.2 39.4#
110 0.0 32.2 48.2#





#62

1,3,5-Trimethylbenzene

Concen: 1.926 ug/L

RT: 13.245 min Scan# 1813

Delta R.T. 0.305 min

Lab File: VW027733.D

Acq: 18 Dec 2023 16:19

Instrument :

MSVOA_W

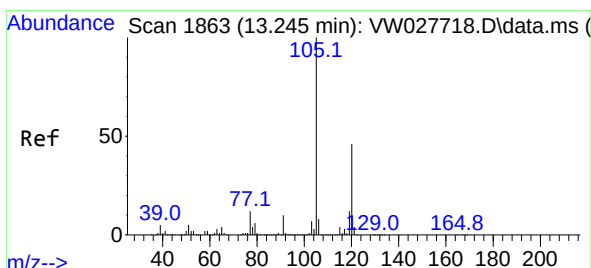
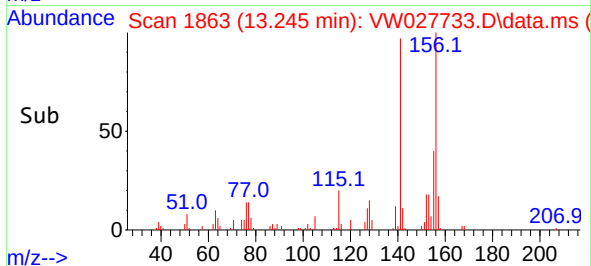
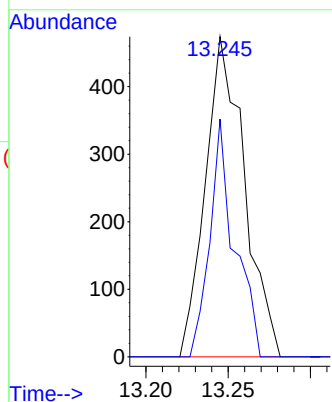
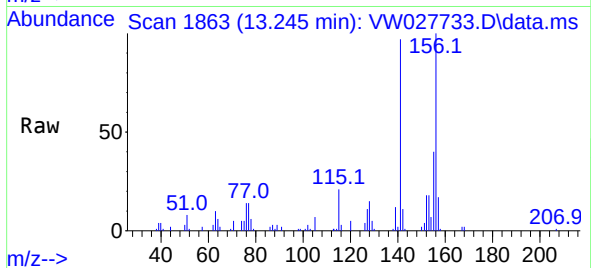
ClientSampleId :

Tgt Ion:105 Resp: 782

Ion Ratio Lower Upper

105 100

120 46.8 40.0 60.0



#63

1,2,4-Trimethylbenzene

Concen: 1.956 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW027733.D

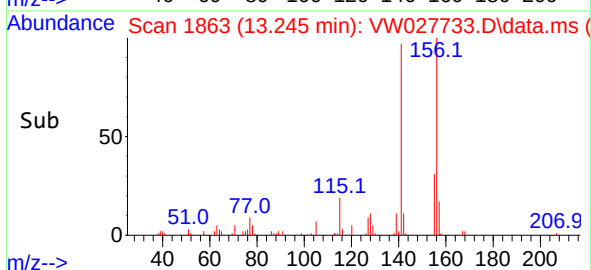
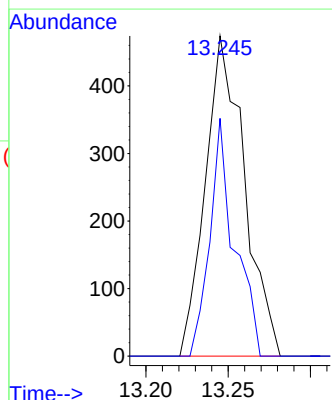
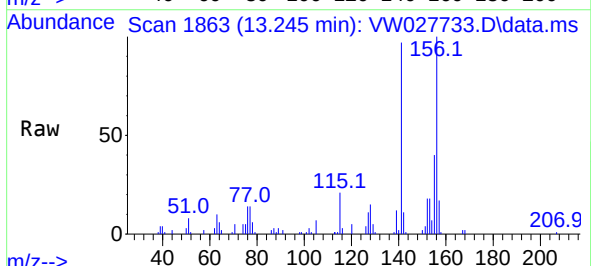
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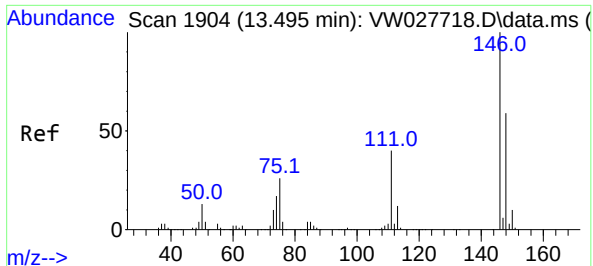
Tgt Ion:105 Resp: 782

Ion Ratio Lower Upper

105 100

120 46.8 36.4 54.6

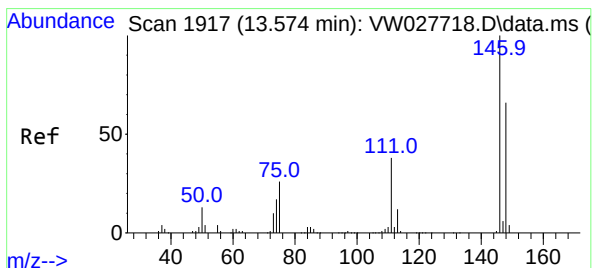
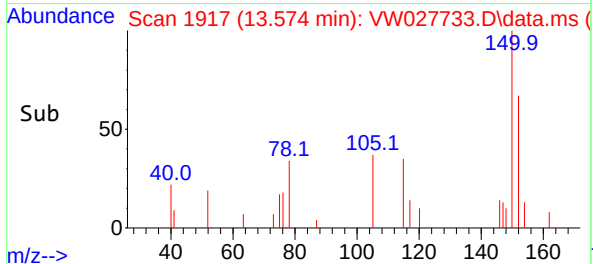
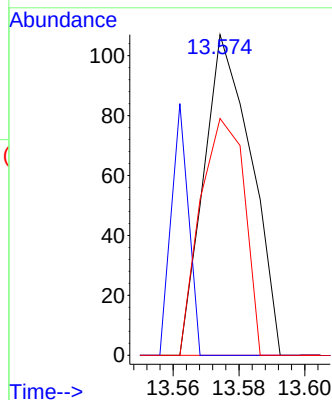
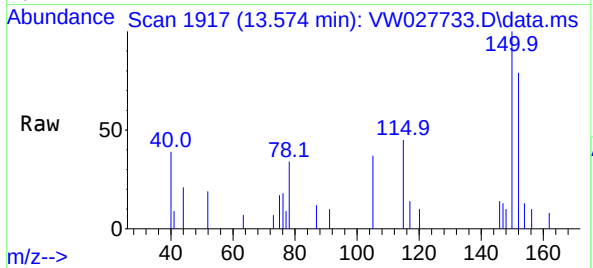




#64
1,3-Dichlorobenzene
Concen: 0.487 ug/L
RT: 13.574 min Scan# 1904
Delta R.T. 0.079 min
Lab File: VW027733.D
Acq: 18 Dec 2023 16:19

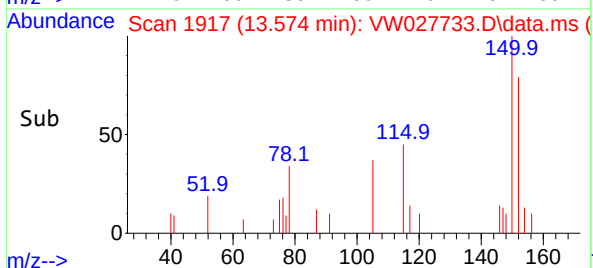
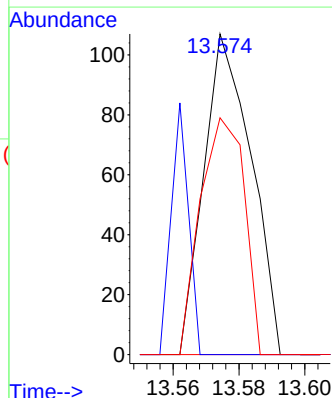
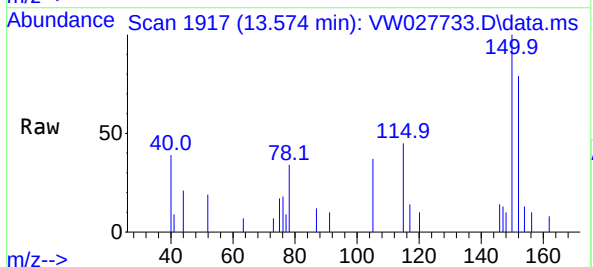
Instrument :
MSVOA_W
ClientSampleId :

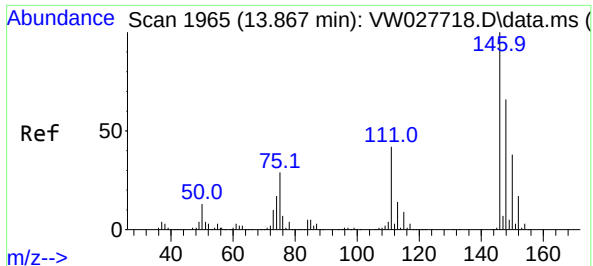
Tgt Ion:	146	Resp:	107
Ion	Ratio	Lower	Upper
146	100		
111	0.0	31.1	57.7#
148	73.8	52.6	97.8



#65
1,4-Dichlorobenzene
Concen: 0.485 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027733.D
Acq: 18 Dec 2023 16:19

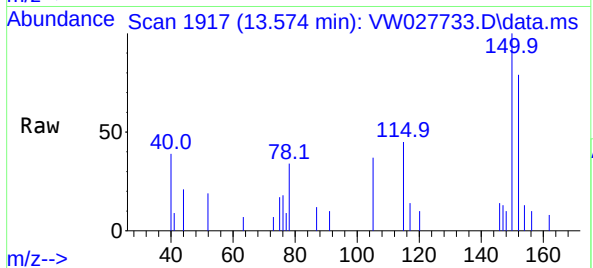
Tgt Ion:	146	Resp:	107
Ion	Ratio	Lower	Upper
146	100		
111	0.0	26.2	48.6#
148	73.8	46.3	85.9



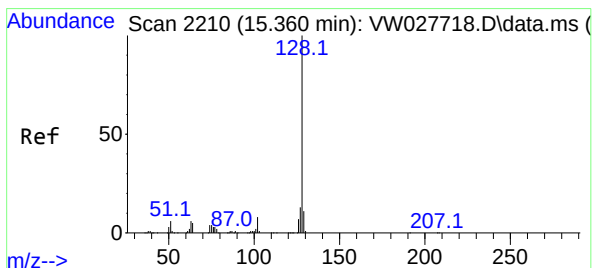
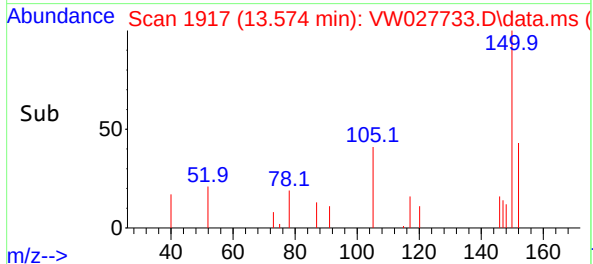
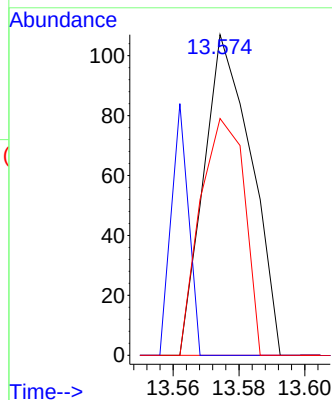


#67
1,2-Dichlorobenzene
Concen: 0.561 ug/L
RT: 13.574 min Scan# 1965
Delta R.T. -0.293 min
Lab File: VW027733.D
Acq: 18 Dec 2023 16:19

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:146 Resp: 107
Ion Ratio Lower Upper
146 100
111 0.0 32.1 48.1#
148 73.8 53.0 79.4



#71
Naphthalene
Concen: 317.933 ug/L
RT: 15.354 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VW027733.D
Acq: 18 Dec 2023 16:19

Tgt Ion:128 Resp: 70663
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.2 8.6 12.8

