

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101222\
 Data File : VW024871.D
 Acq On : 12 Oct 2022 14:21
 Operator : SY/VA
 Sample : N5064-17
 Misc : 8.10g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 COBN6

Quant Time: Oct 12 23:20:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 12 23:18:51 2022
 Response via : Initial Calibration

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

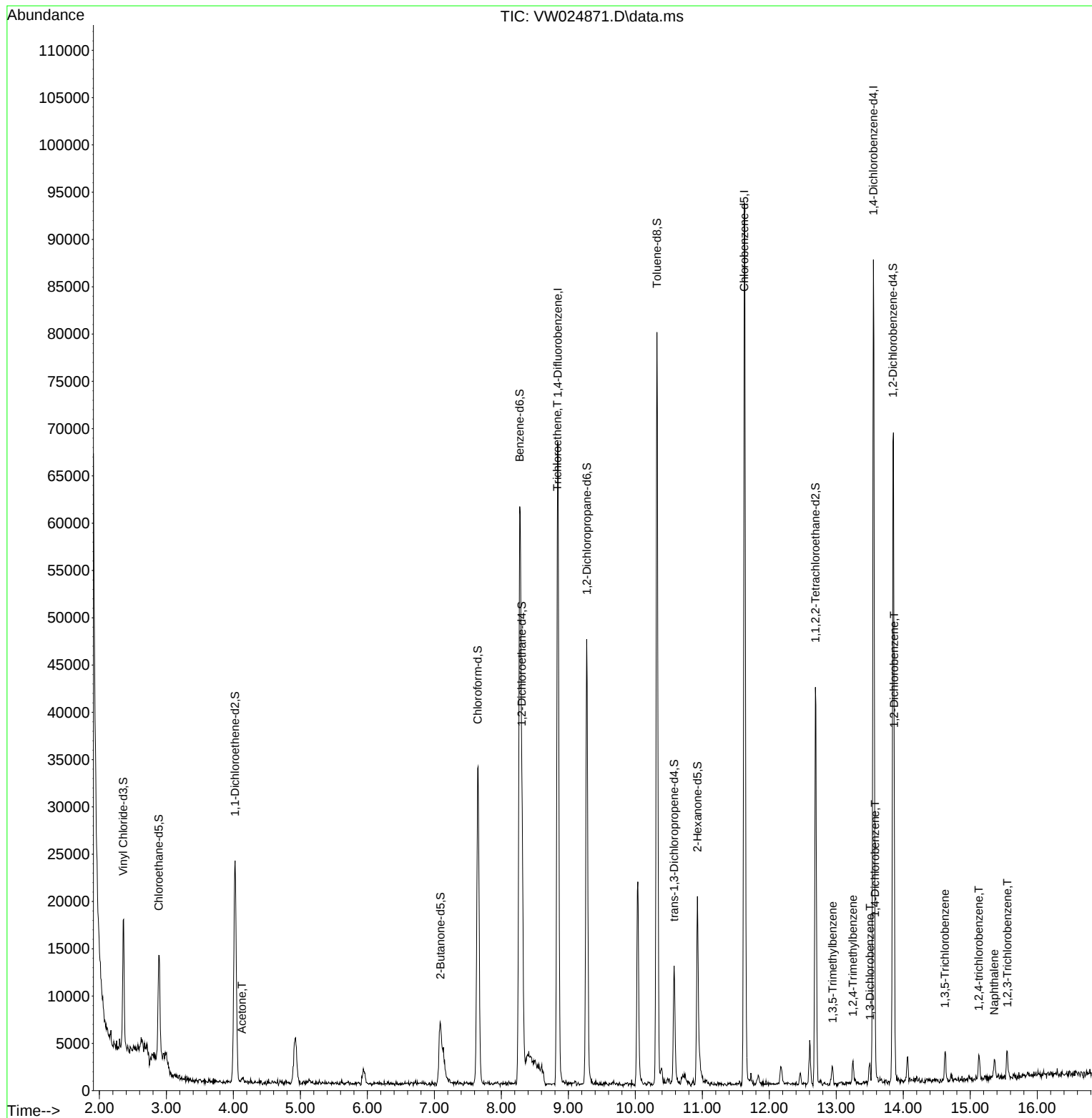
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	57415	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	51396	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	21865	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	12465	18.402	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.600%
7) Chloroethane-d5	2.885	69	11343	28.601	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.400%
11) 1,1-Dichloroethene-d2	4.025	63	22294	15.138	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.560%
21) 2-Butanone-d5	7.092	46	12945	60.315	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.640%
24) Chloroform-d	7.647	84	33968	20.975	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.920%
26) 1,2-Dichloroethane-d4	8.305	65	20239	23.880	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.520%
32) Benzene-d6	8.275	84	64623	20.051	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	9.275	67	22613	22.876	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.520%
41) Toluene-d8	10.323	98	52796	18.251	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.000%
43) trans-1,3-Dichloroprop...	10.579	79	7156	19.088	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.360%
47) 2-Hexanone-d5	10.927	63	7901	47.673	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.340%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	21695	28.142	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.560%
66) 1,2-Dichlorobenzene-d4	13.847	152	17707	22.160	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.640%
Target Compounds					Qvalue	
13) Acetone	4.129	43	514	3.422	ug/L	68
34) Trichloroethene	8.836	95	1878	2.133	ug/L #	7
62) 1,3,5-Trimethylbenzene	12.945	105	1185	0.391	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	1406	0.482	ug/L	88
64) 1,3-Dichlorobenzene	13.505	146	963	0.670	ug/L #	71
65) 1,4-Dichlorobenzene	13.579	146	1065	0.732	ug/L	88
67) 1,2-Dichlorobenzene	13.865	146	1169	0.916	ug/L	97
69) 1,3,5-Trichlorobenzene	14.621	180	962	1.026	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	1025	1.347	ug/L	84
71) Naphthalene	15.359	128	2180	1.322	ug/L #	94
72) 1,2,3-Trichlorobenzene	15.554	180	490	0.754	ug/L #	27

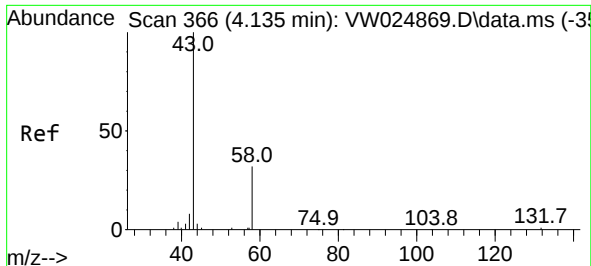
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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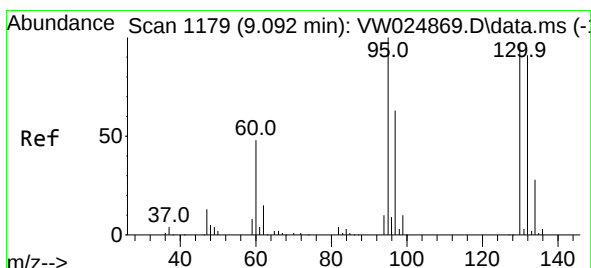
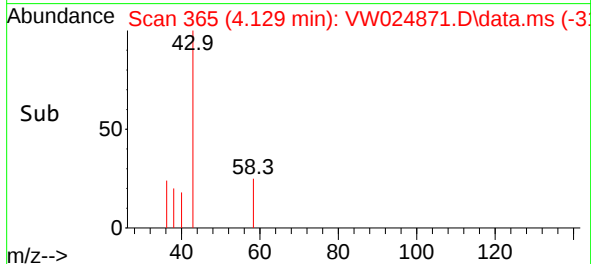
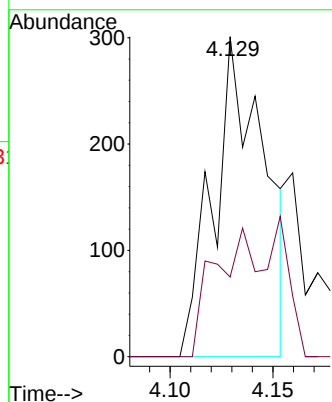
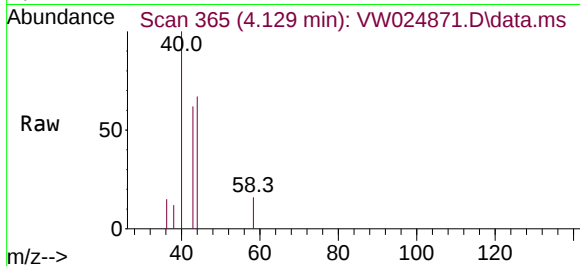




#13
Acetone
Concen: 3.422 ug/L
RT: 4.129 min Scan# 301
Delta R.T. -0.006 min
Lab File: VW024871.D
Acq: 12 Oct 2022 14:21

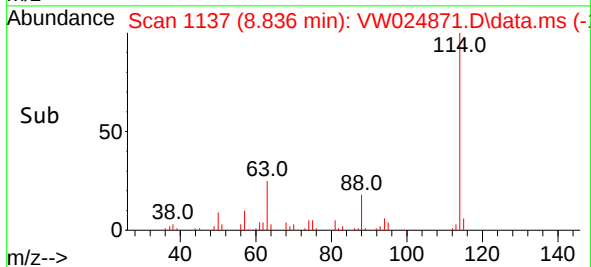
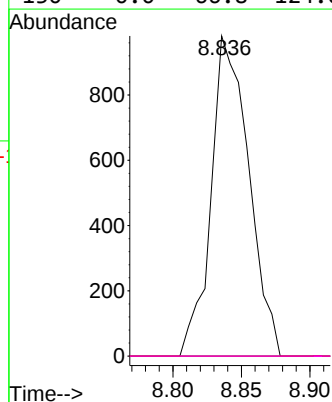
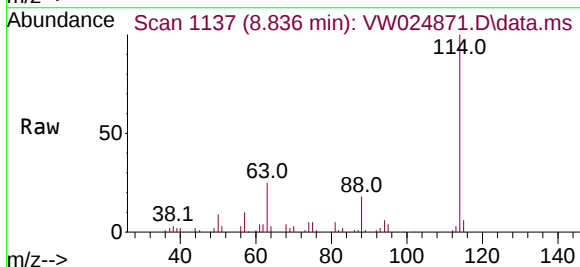
Instrument :
MSVOA_W
ClientSampleId :
COBN6

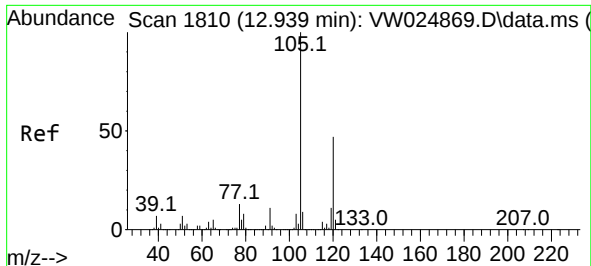
Tgt Ion: 43 Resp: 514
Ion Ratio Lower Upper
43 100
58 14.2 0.0 64.2



#34
Trichloroethene
Concen: 2.133 ug/L
RT: 8.836 min Scan# 1137
Delta R.T. -0.256 min
Lab File: VW024871.D
Acq: 12 Oct 2022 14:21

Tgt Ion: 95 Resp: 1878
Ion Ratio Lower Upper
95 100
97 0.0 44.2 82.0#
132 0.0 62.9 116.7#
130 0.0 66.8 124.0#

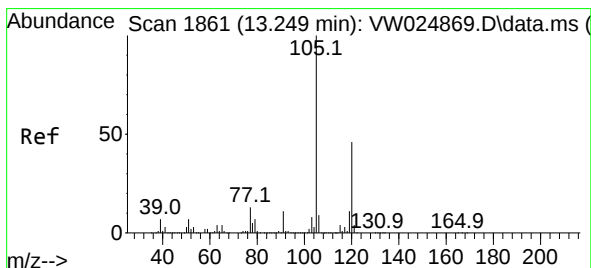
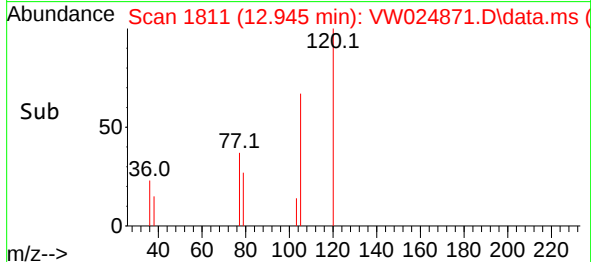
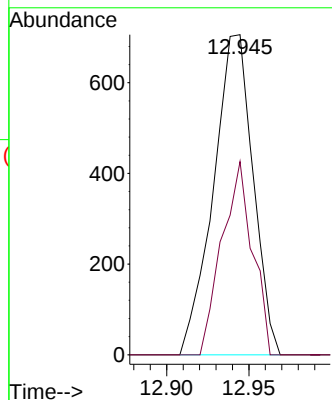
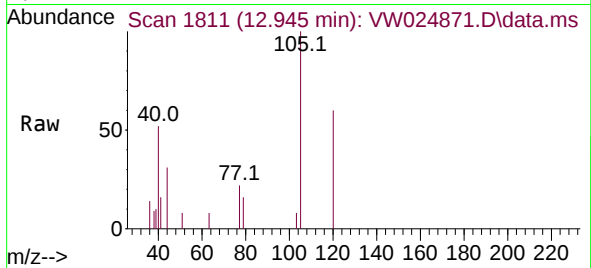




#62
1,3,5-Trimethylbenzene
Concen: 0.391 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW024871.D
Acq: 12 Oct 2022 14:21

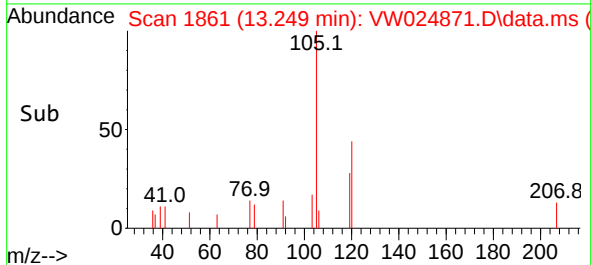
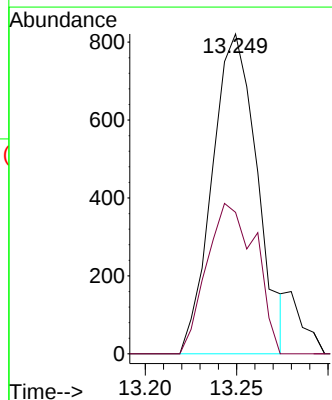
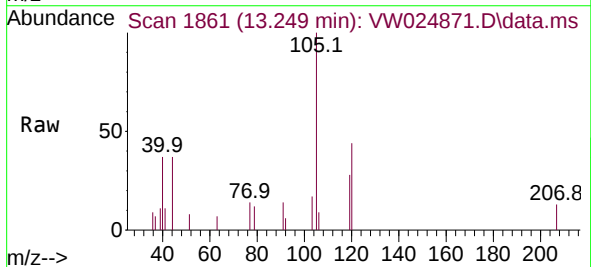
Instrument :
MSVOA_W
ClientSampleId :
COBN6

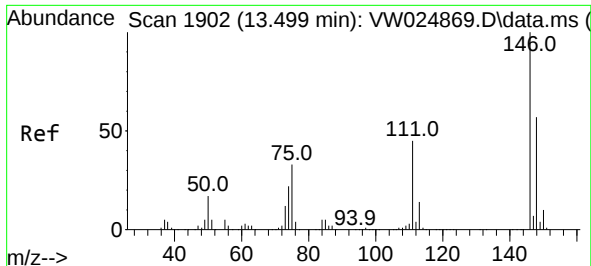
Tgt Ion:105 Resp: 1185
Ion Ratio Lower Upper
105 100
120 46.4 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 0.482 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW024871.D
Acq: 12 Oct 2022 14:21

Tgt Ion:105 Resp: 1406
Ion Ratio Lower Upper
105 100
120 51.1 34.8 52.2

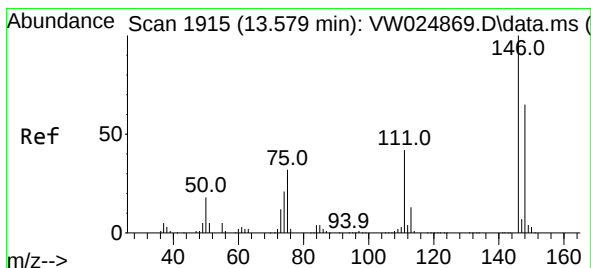
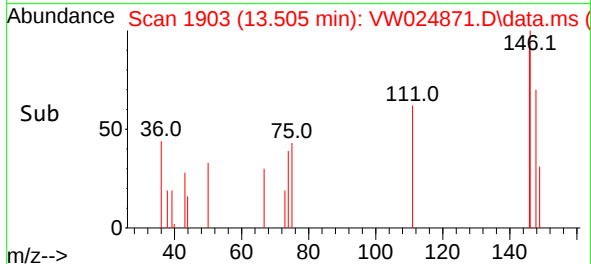
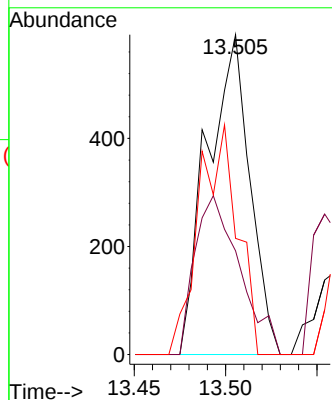
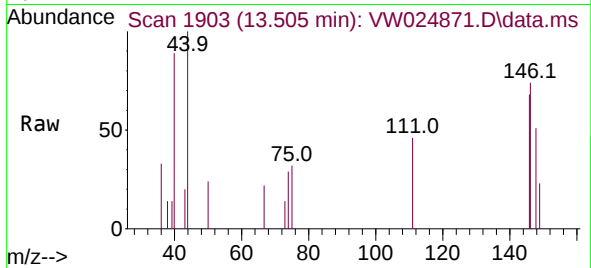




#64
1,3-Dichlorobenzene
Concen: 0.670 ug/L
RT: 13.505 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VW024871.D
Acq: 12 Oct 2022 14:21

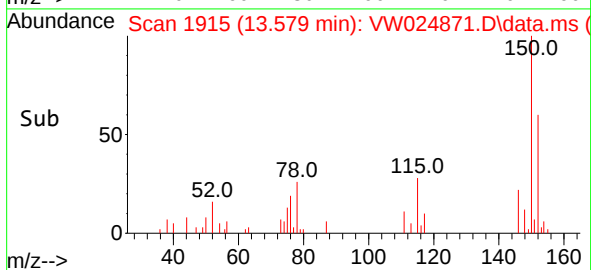
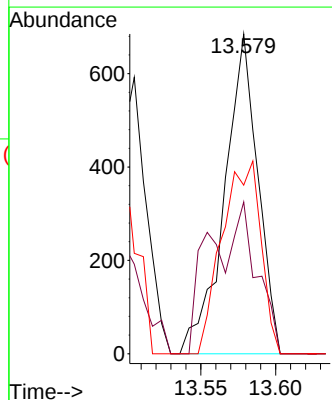
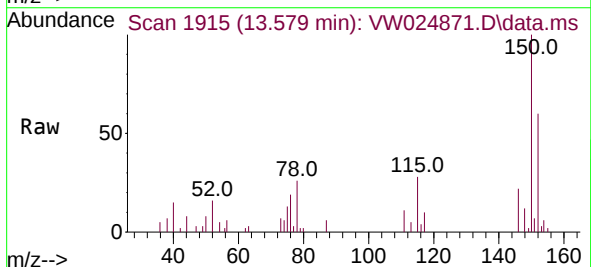
Instrument :
MSVOA_W
ClientSampleId :
COBN6

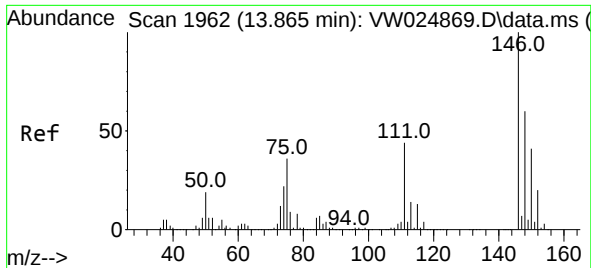
Tgt Ion:146 Resp: 963
Ion Ratio Lower Upper
146 100
111 32.4 31.7 58.9
148 36.3 45.5 84.5#



#65
1,4-Dichlorobenzene
Concen: 0.732 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW024871.D
Acq: 12 Oct 2022 14:21

Tgt Ion:146 Resp: 1065
Ion Ratio Lower Upper
146 100
111 47.4 27.4 50.8
148 52.7 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 0.916 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024871.D

Acq: 12 Oct 2022 14:21

Instrument :

MSVOA_W

ClientSampleId :

COBN6

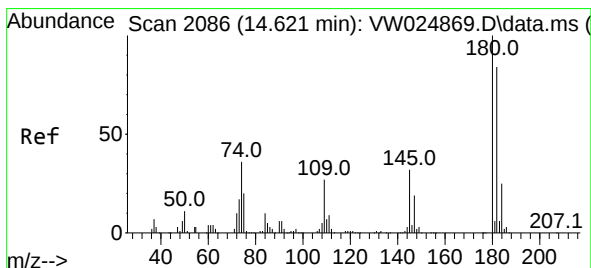
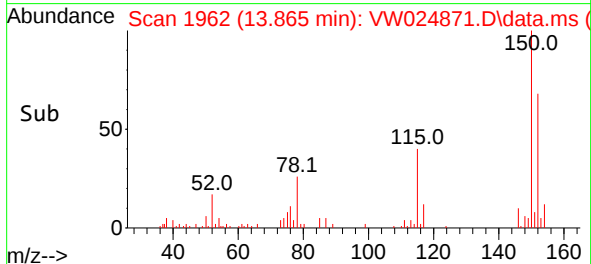
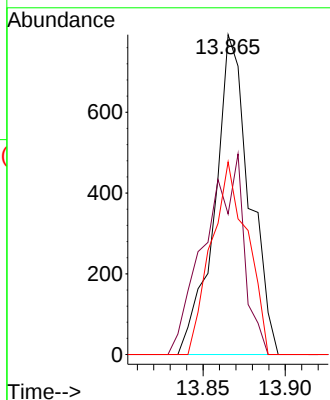
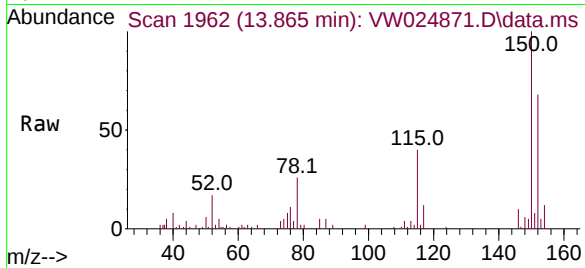
Tgt Ion:146 Resp: 1169

Ion Ratio Lower Upper

146 100

111 43.9 36.9 55.3

148 60.2 50.0 75.0



#69

1,3,5-Trichlorobenzene

Concen: 1.026 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.000 min

Lab File: VW024871.D

Acq: 12 Oct 2022 14:21

Tgt Ion:180 Resp: 962

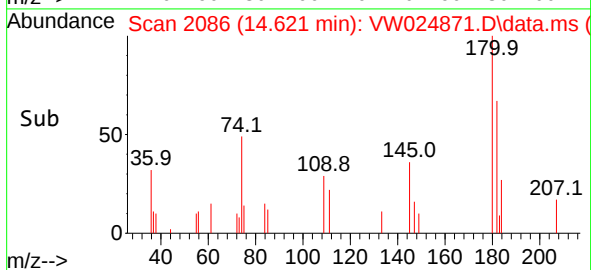
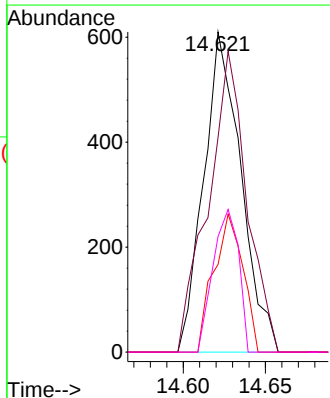
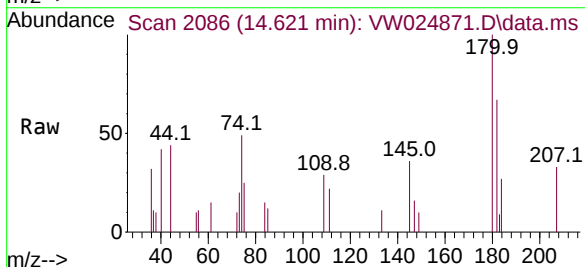
Ion Ratio Lower Upper

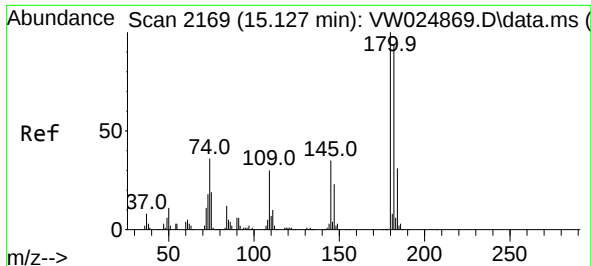
180 100

182 97.2 75.0 112.6

184 33.7 22.9 34.3

145 30.6 26.6 39.8

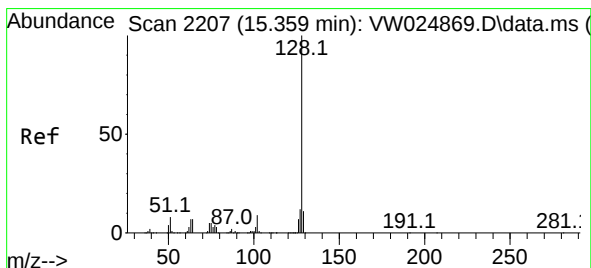
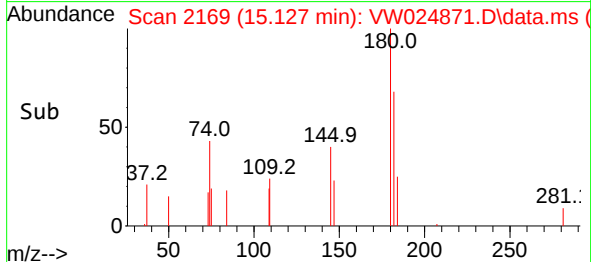
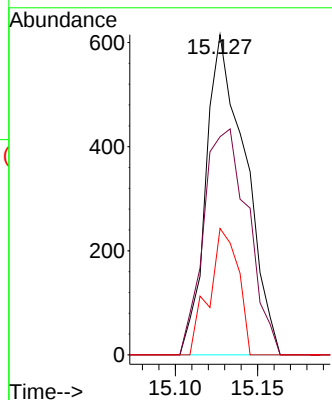
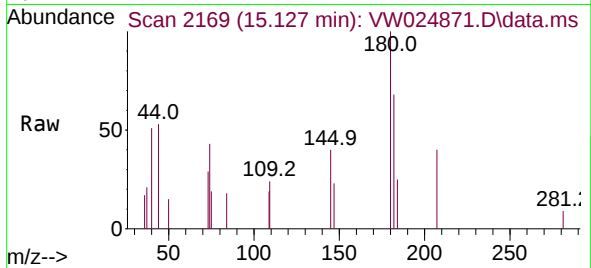




#70
1,2,4-trichlorobenzene
Concen: 1.347 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW024871.D
Acq: 12 Oct 2022 14:21

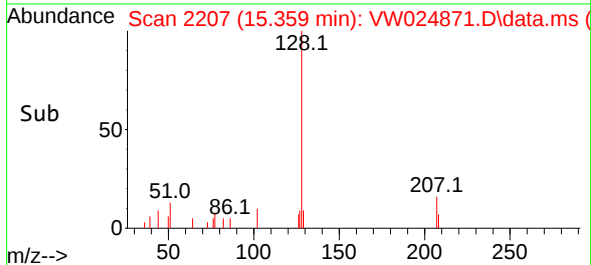
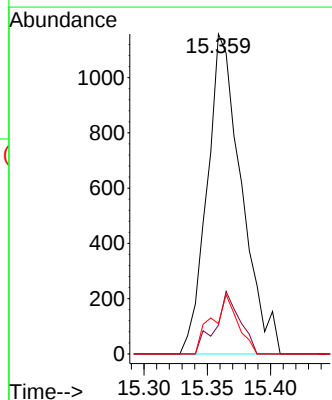
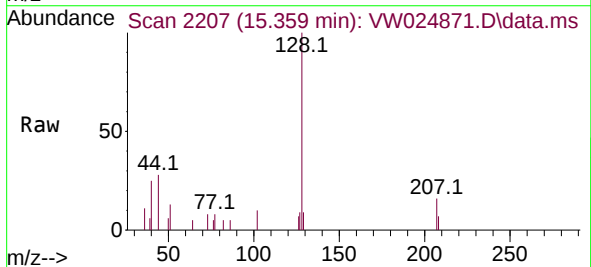
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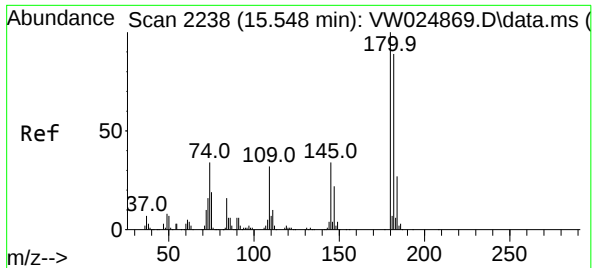
Tgt Ion:180 Resp: 1025
Ion Ratio Lower Upper
180 100
182 79.6 77.7 116.5
145 29.3 29.0 43.4



#71
Naphthalene
Concen: 1.322 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VW024871.D
Acq: 12 Oct 2022 14:21

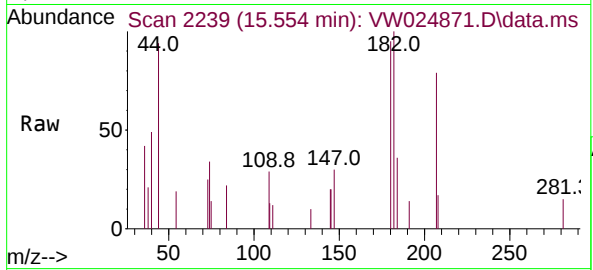
Tgt Ion:128 Resp: 2180
Ion Ratio Lower Upper
128 100
127 11.3 10.2 15.4
129 8.2 9.0 13.4#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.754 ug/L
 RT: 15.554 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW024871.D
 Acq: 12 Oct 2022 14:21

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BN6



Tgt Ion:	180	Resp:	490
Ion	Ratio	Lower	Upper
180	100		
182	181.8	75.1	112.7#
145	53.1	29.9	44.9#

