

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101022\
 Data File : VW024800.D
 Acq On : 10 Oct 2022 12:31
 Operator : SY/VA
 Sample : N4973-14RE
 Misc : 5.55g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EY1A1RE

Quant Time: Oct 11 01:57:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 07 03:04:02 2022
 Response via : Initial Calibration

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

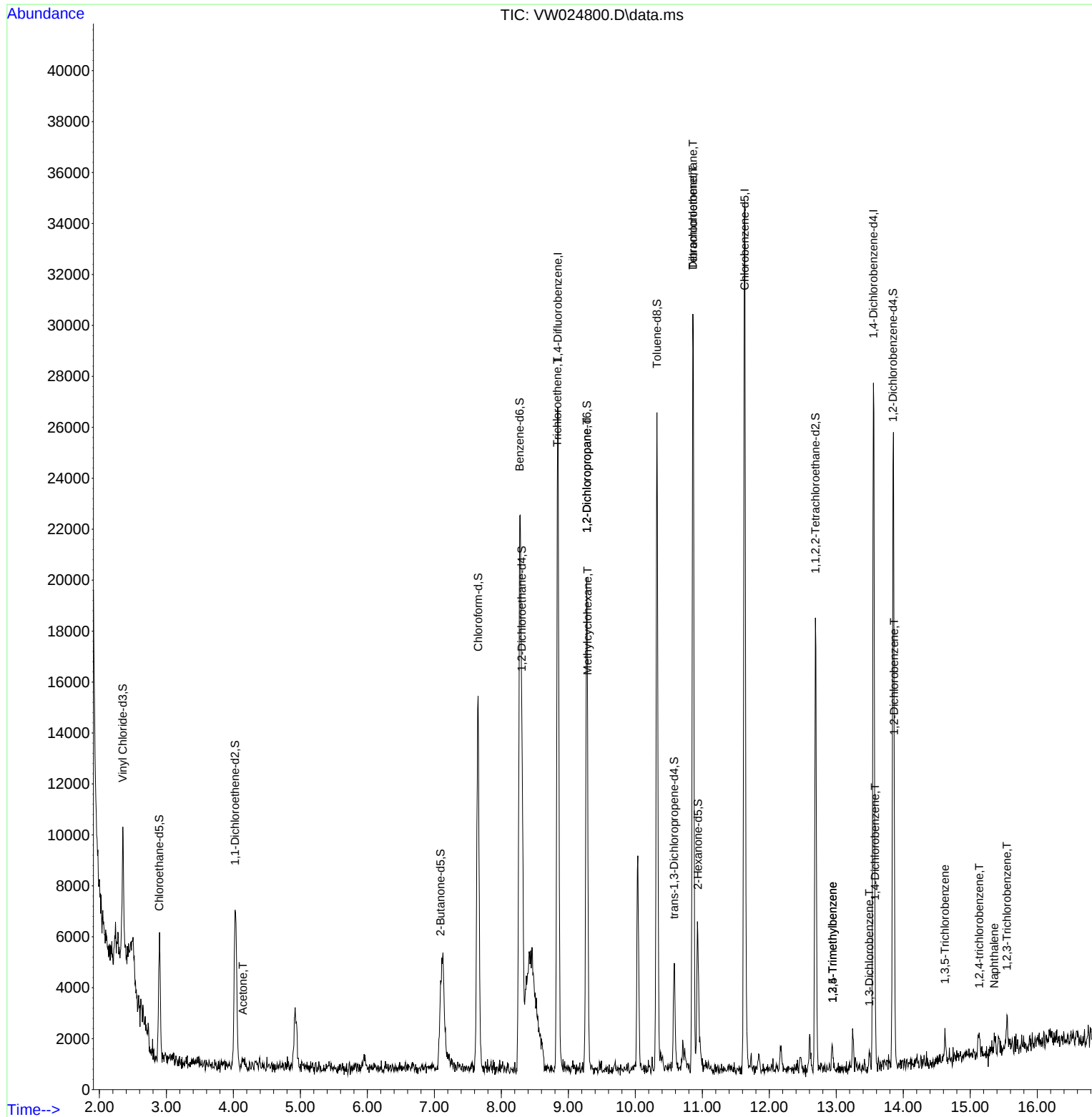
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	22823	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	19220	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	6968	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	3731	15.625	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.480%
7) Chloroethane-d5	2.892	69	4888	35.226	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	140.920%
11) 1,1-Dichloroethene-d2	4.026	63	6206	11.229	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.920%#
21) 2-Butanone-d5	7.092	46	3262	37.996	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.000%
24) Chloroform-d	7.653	84	14824	24.296	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	8.305	65	8034	25.383	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.520%
32) Benzene-d6	8.275	84	23031	18.748	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.000%
36) 1,2-Dichloropropane-d6	9.275	67	9722	25.902	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.600%
41) Toluene-d8	10.323	98	16670	15.183	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	60.720%
43) trans-1,3-Dichloroprop...	10.579	79	2545	15.226	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.920%
47) 2-Hexanone-d5	10.933	63	2391	37.231	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.460%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	9274	34.677	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	138.720%#
66) 1,2-Dichlorobenzene-d4	13.847	152	6395	26.081	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.320%
Target Compounds						Qvalue
13) Acetone	4.141	43	493	7.871	ug/L	84
34) Trichloroethene	8.836	95	697	2.044	ug/L #	7
35) Methylcyclohexane	9.287	83	1104	1.766	ug/L #	17
37) 1,2-Dichloropropane	9.275	63	1084	3.264	ug/L #	86
46) Tetrachloroethene	10.860	164	6586	28.429	ug/L	98
49) Dibromochloromethane	10.860	129	6598	25.830	ug/L #	12
62) 1,3,5-Trimethylbenzene	12.945	105	815	0.826	ug/L #	83
63) 1,2,4-Trimethylbenzene	12.945	105	815	0.843	ug/L	89
64) 1,3-Dichlorobenzene	13.493	146	317	0.687	ug/L	81
65) 1,4-Dichlorobenzene	13.579	146	586	1.305	ug/L	85
67) 1,2-Dichlorobenzene	13.865	146	396	0.985	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.621	180	459	1.498	ug/L #	87
70) 1,2,4-trichlorobenzene	15.133	180	373	1.449	ug/L #	87
71) Naphthalene	15.359	128	834	1.488	ug/L #	80
72) 1,2,3-Trichlorobenzene	15.548	180	287	1.310	ug/L #	57

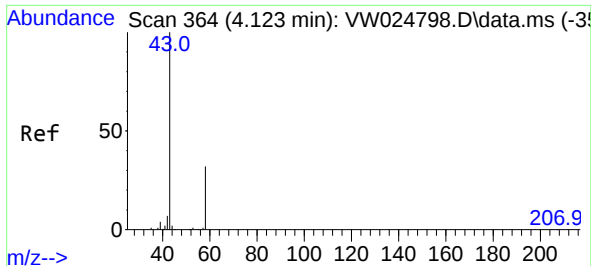
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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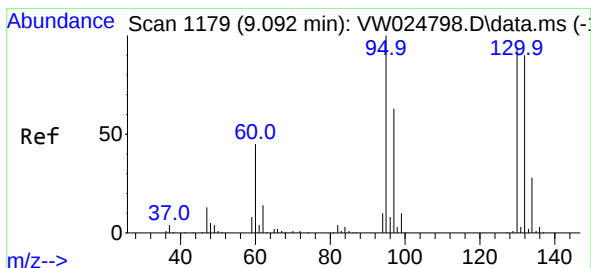
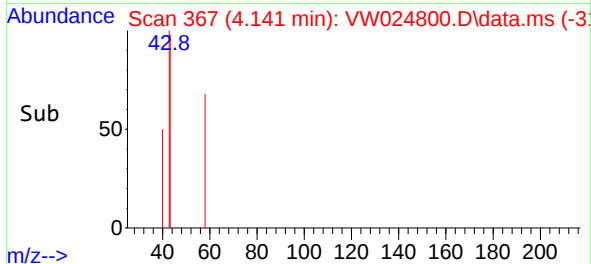
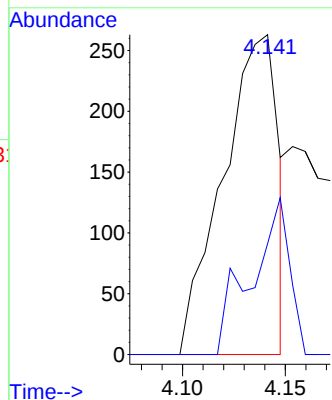
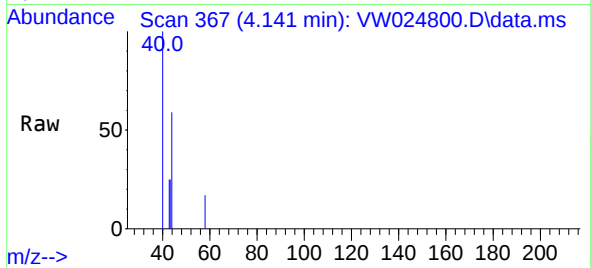




#13
Acetone
Concen: 7.871 ug/L
RT: 4.141 min Scan# 30
Delta R.T. 0.018 min
Lab File: VW024800.D
Acq: 10 Oct 2022 12:31

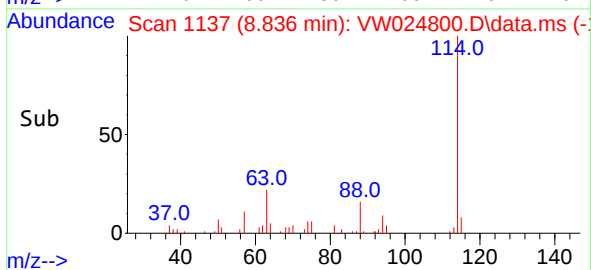
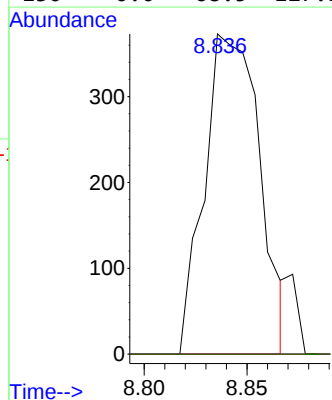
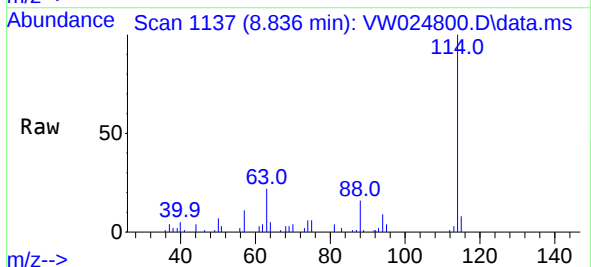
Instrument :
MSVOA_W
ClientSampleId :
EY1A1RE

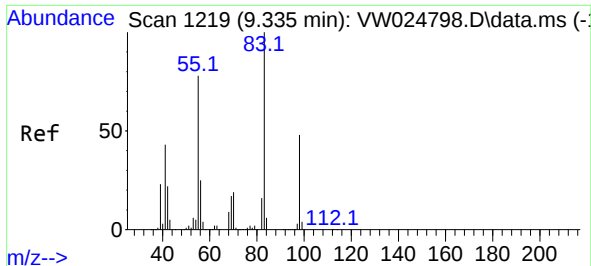
Tgt Ion: 43 Resp: 493
Ion Ratio Lower Upper
43 100
58 24.5 0.0 67.6



#34
Trichloroethene
Concen: 2.044 ug/L
RT: 8.836 min Scan# 1137
Delta R.T. -0.256 min
Lab File: VW024800.D
Acq: 10 Oct 2022 12:31

Tgt Ion: 95 Resp: 697
Ion Ratio Lower Upper
95 100
97 0.0 43.5 80.9#
132 0.0 61.2 113.8#
130 0.0 68.5 127.1#

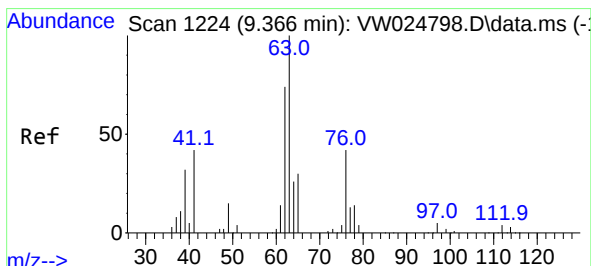
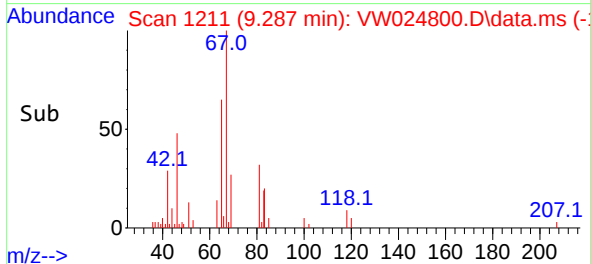
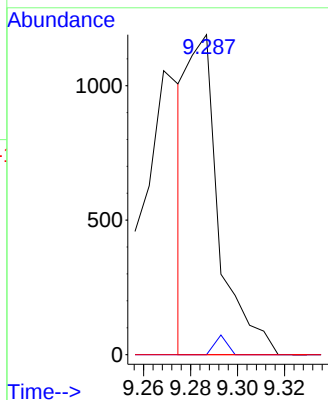
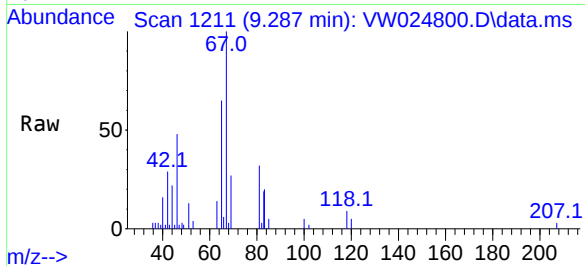




#35
Methylcyclohexane
Concen: 1.766 ug/L
RT: 9.287 min Scan# 1104
Delta R.T. -0.049 min
Lab File: VW024800.D
Acq: 10 Oct 2022 12:31

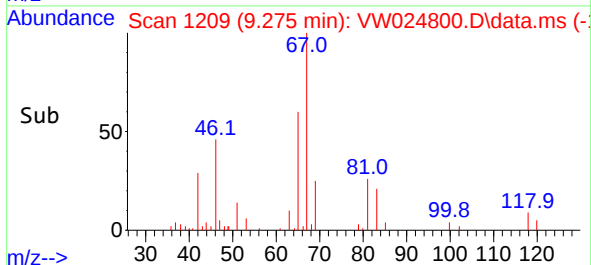
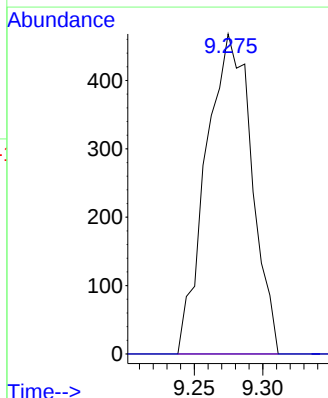
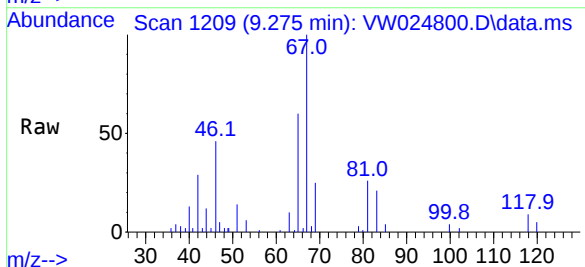
Instrument :
MSVOA_W
ClientSampleId :
EY1A1RE

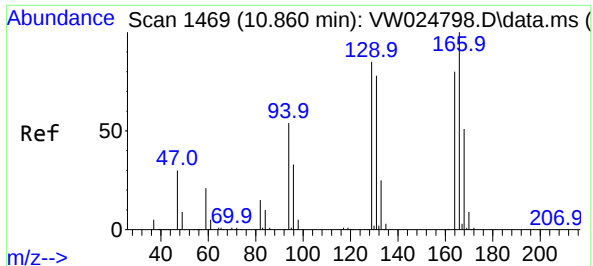
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.1	94.7#
98	0.0	38.3	57.5#



#37
1,2-Dichloropropane
Concen: 3.264 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW024800.D
Acq: 10 Oct 2022 12:31

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



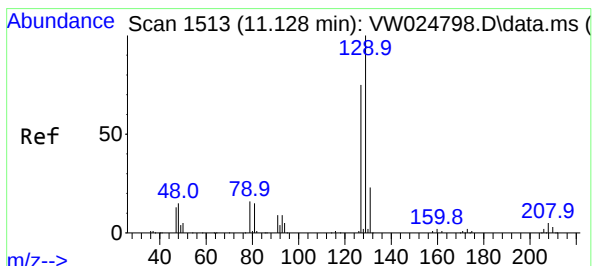
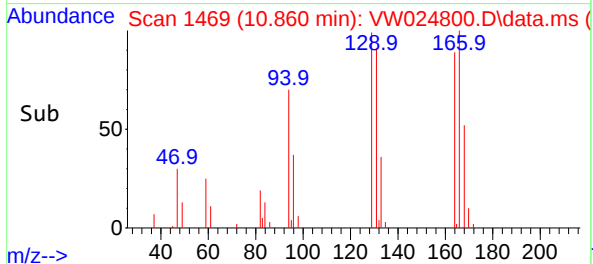
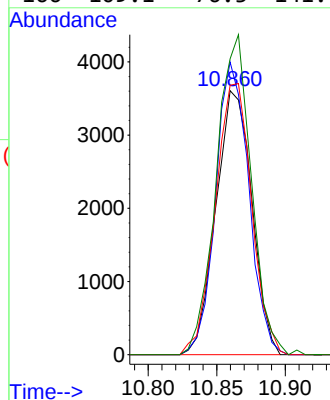
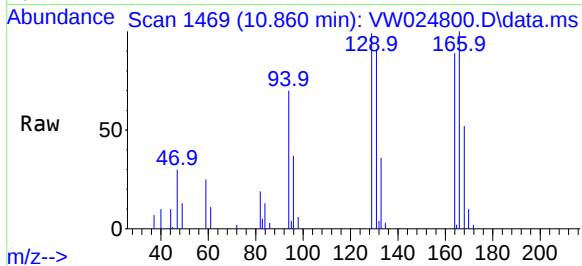


#46
Tetrachloroethene
Concen: 28.429 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024800.D
Acq: 10 Oct 2022 12:31

Instrument :
MSVOA_W
ClientSampleId :
EY1A1RE

Tgt Ion:164 Resp: 6586

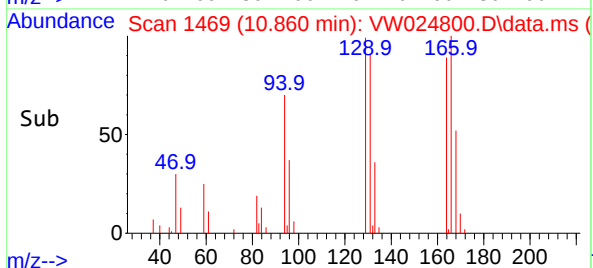
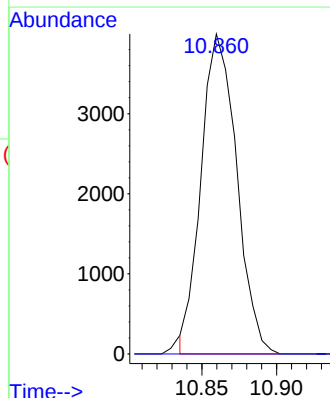
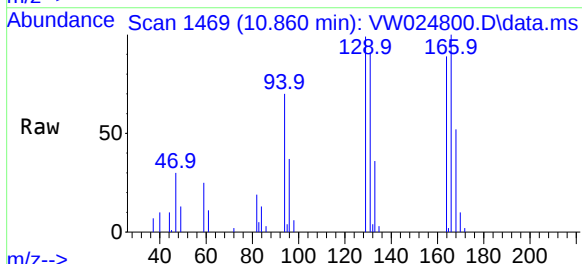
Ion	Ratio	Lower	Upper
164	100		
129	107.8	74.1	137.5
131	99.3	71.5	132.7
166	109.1	76.3	141.7

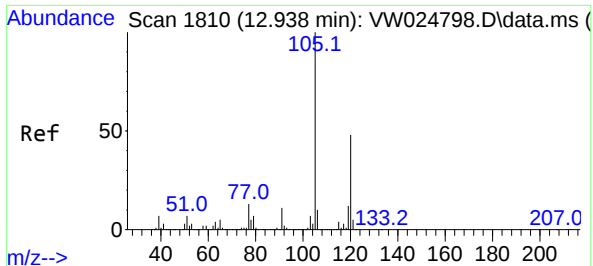


#49
Dibromochloromethane
Concen: 25.830 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.262 min
Lab File: VW024800.D
Acq: 10 Oct 2022 12:31

Tgt Ion:129 Resp: 6598

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.4	97.4#





#62

1,3,5-Trimethylbenzene

Concen: 0.826 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW024800.D

Acq: 10 Oct 2022 12:31

Instrument :

MSVOA_W

ClientSampleId :

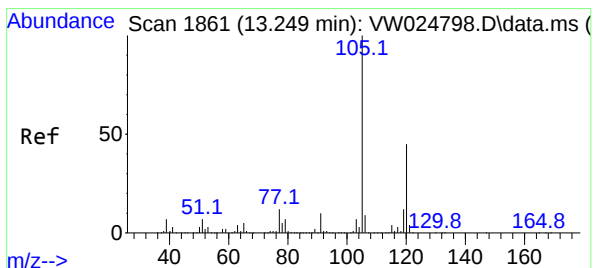
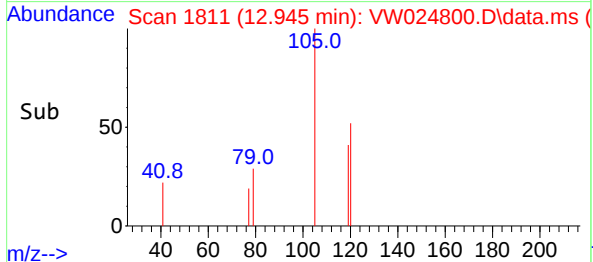
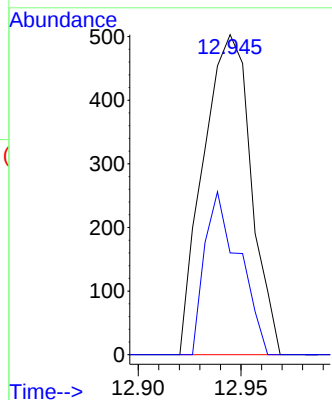
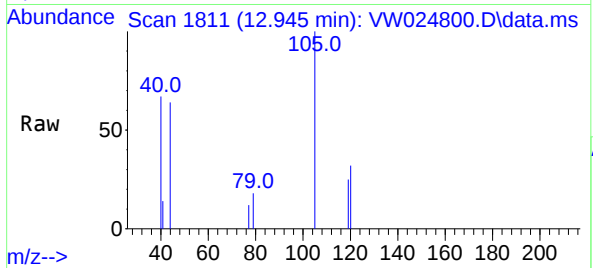
EY1A1RE

Tgt Ion:105 Resp: 815

Ion Ratio Lower Upper

105 100

120 36.8 38.8 58.2#



#63

1,2,4-Trimethylbenzene

Concen: 0.843 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. -0.299 min

Lab File: VW024800.D

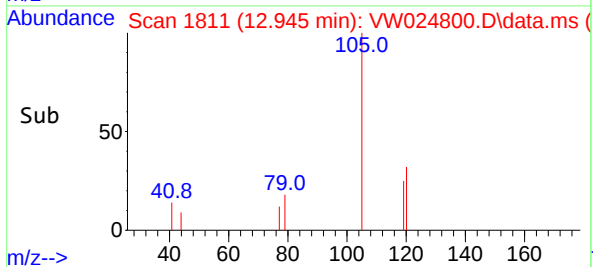
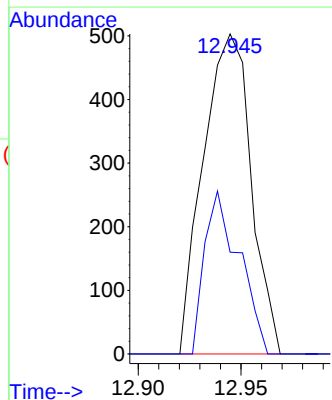
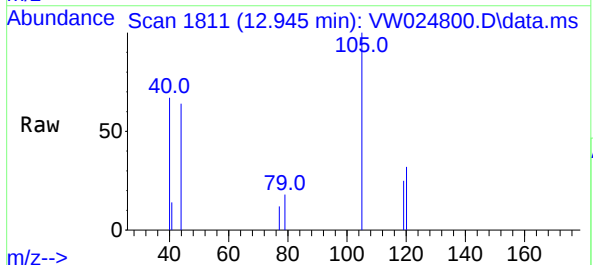
Acq: 10 Oct 2022 12:31

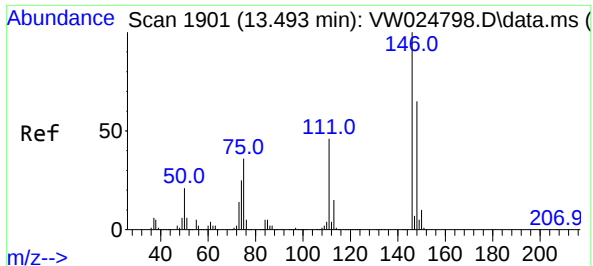
Tgt Ion:105 Resp: 815

Ion Ratio Lower Upper

105 100

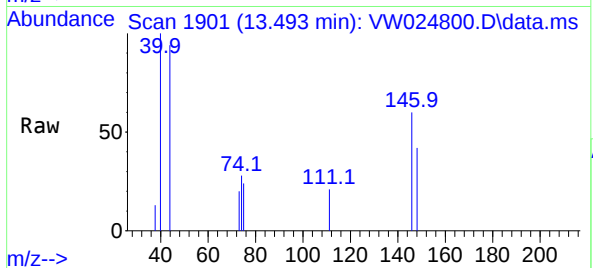
120 36.8 35.2 52.8





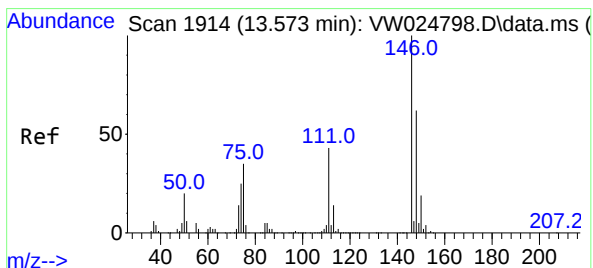
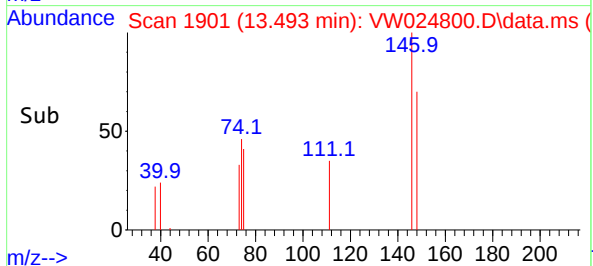
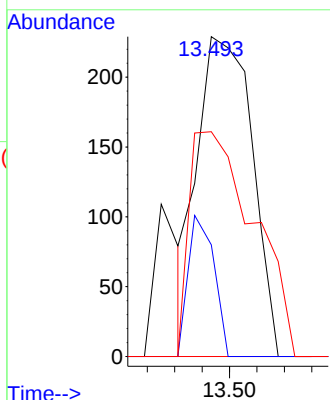
#64
1,3-Dichlorobenzene
Concen: 0.687 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW024800.D
Acq: 10 Oct 2022 12:31

Instrument :
MSVOA_W
ClientSampleId :
EY1A1RE

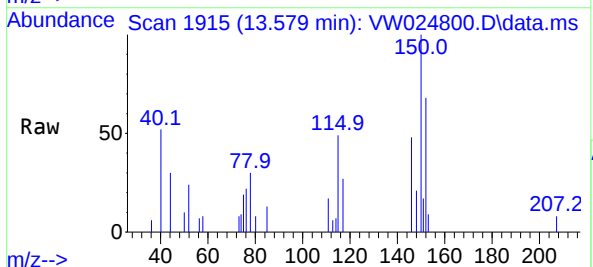


Tgt Ion:146 Resp: 317

Ion	Ratio	Lower	Upper
146	100		
111	34.9	31.6	58.6
148	70.3	38.1	70.9

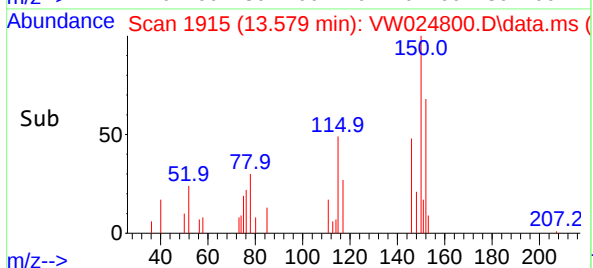
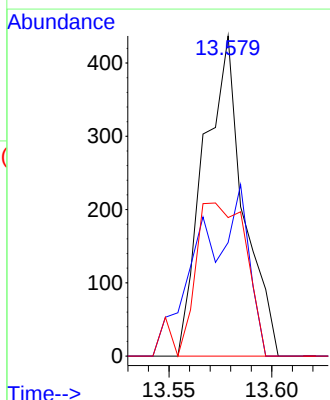


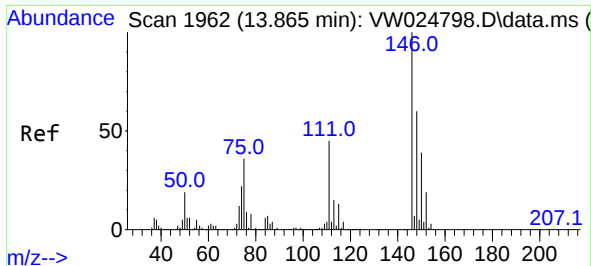
#65
1,4-Dichlorobenzene
Concen: 1.305 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW024800.D
Acq: 10 Oct 2022 12:31



Tgt Ion:146 Resp: 586

Ion	Ratio	Lower	Upper
146	100		
111	35.5	29.4	54.6
148	43.2	39.6	73.6

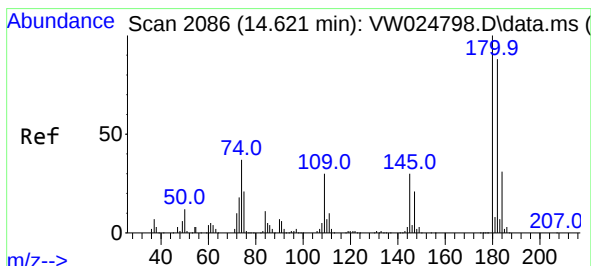
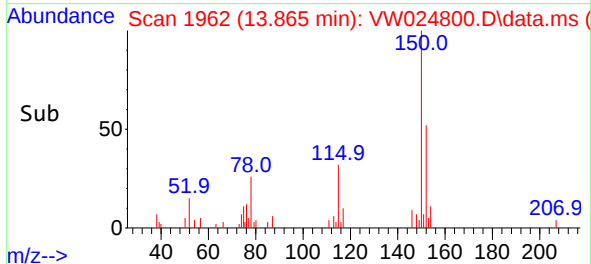
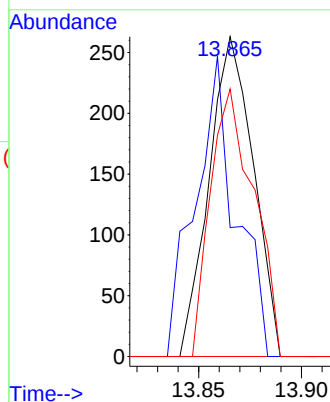
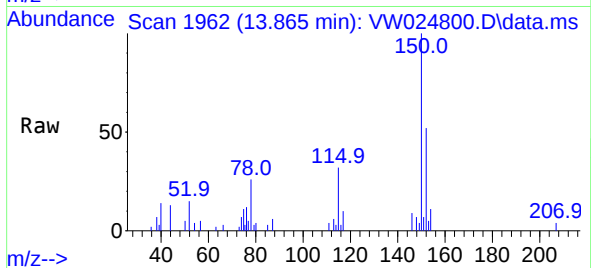




#67
1,2-Dichlorobenzene
Concen: 0.985 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW024800.D
Acq: 10 Oct 2022 12:31

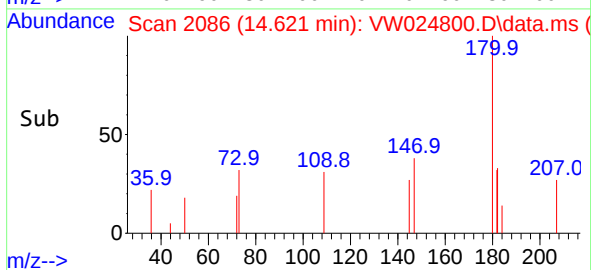
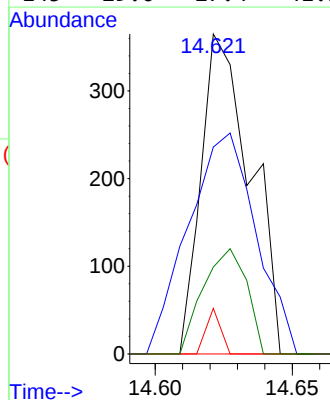
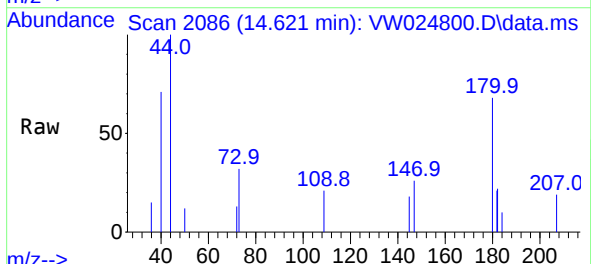
Instrument :
MSVOA_W
ClientSampleId :
EY1A1RE

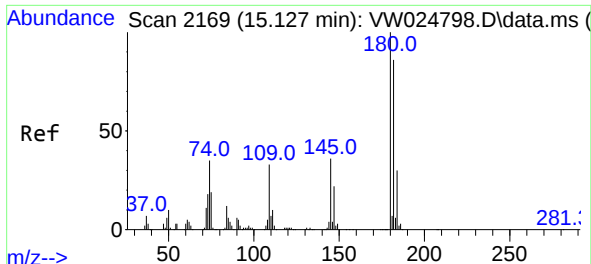
Tgt Ion:146	Resp:	396
Ion	Ratio	Lower Upper
146	100	
111	40.3	37.2 55.8
148	83.7	53.0 79.6#



#69
1,3,5-Trichlorobenzene
Concen: 1.498 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. 0.000 min
Lab File: VW024800.D
Acq: 10 Oct 2022 12:31

Tgt Ion:180	Resp:	459
Ion	Ratio	Lower Upper
180	100	
182	94.3	77.1 115.7
184	0.0	23.3 34.9#
145	29.0	27.4 41.2

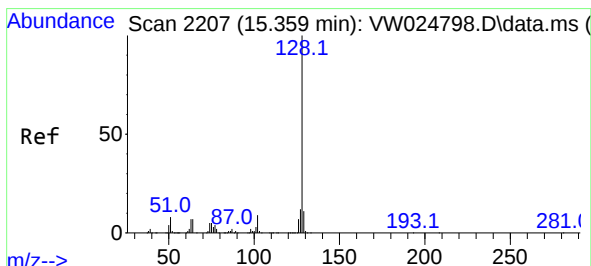
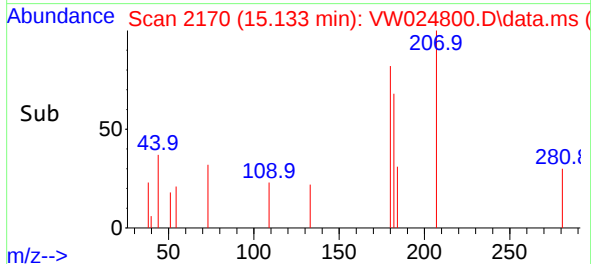
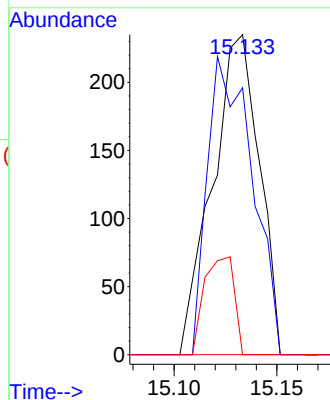
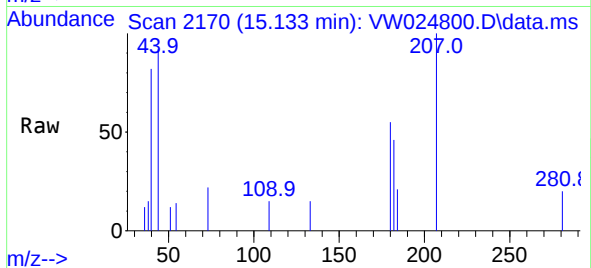




#70
1,2,4-trichlorobenzene
Concen: 1.449 ug/L
RT: 15.133 min Scan# 2169
Delta R.T. 0.006 min
Lab File: VW024800.D
Acq: 10 Oct 2022 12:31

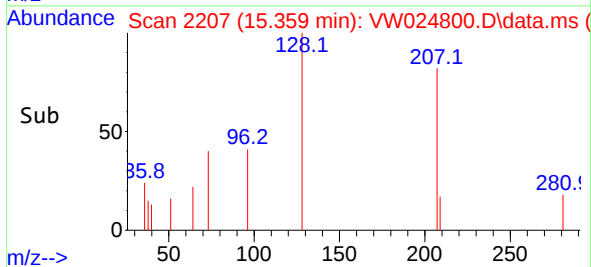
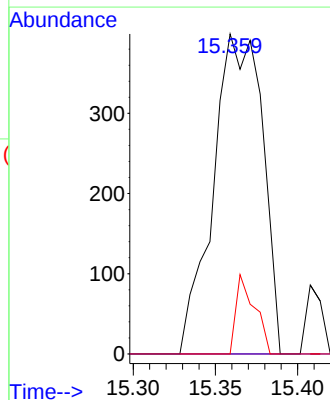
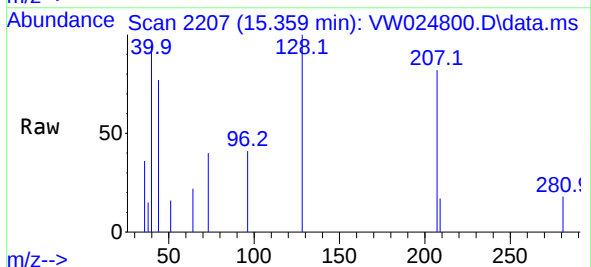
Instrument :
MSVOA_W
ClientSampleId :
EY1A1RE

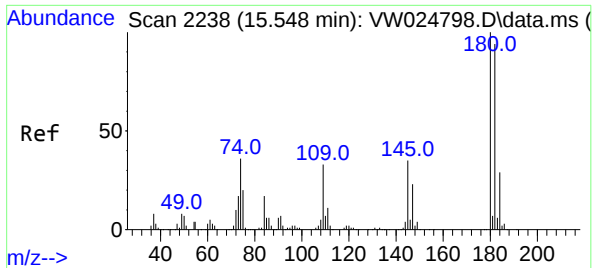
Tgt Ion:180 Resp: 373
Ion Ratio Lower Upper
180 100
182 89.0 76.8 115.2
145 19.3 29.0 43.4#



#71
Naphthalene
Concen: 1.488 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW024800.D
Acq: 10 Oct 2022 12:31

Tgt Ion:128 Resp: 834
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 9.4 9.0 13.4





#72
 1,2,3-Trichlorobenzene
 Concen: 1.310 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW024800.D
 Acq: 10 Oct 2022 12:31

Instrument :
 MSVOA_W
 ClientSampleId :
 EY1A1RE

Tgt Ion:180 Resp: 287

Ion	Ratio	Lower	Upper
180	100		
182	150.2	77.4	116.2#
145	46.3	30.6	45.8#

