

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050322\
 Data File : VW022772.D
 Acq On : 03 May 2022 15:13
 Operator : SY/VA
 Sample : N2632-01
 Misc : 7.12g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 04 01:27:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 04 01:21:13 2022
 Response via : Initial Calibration

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

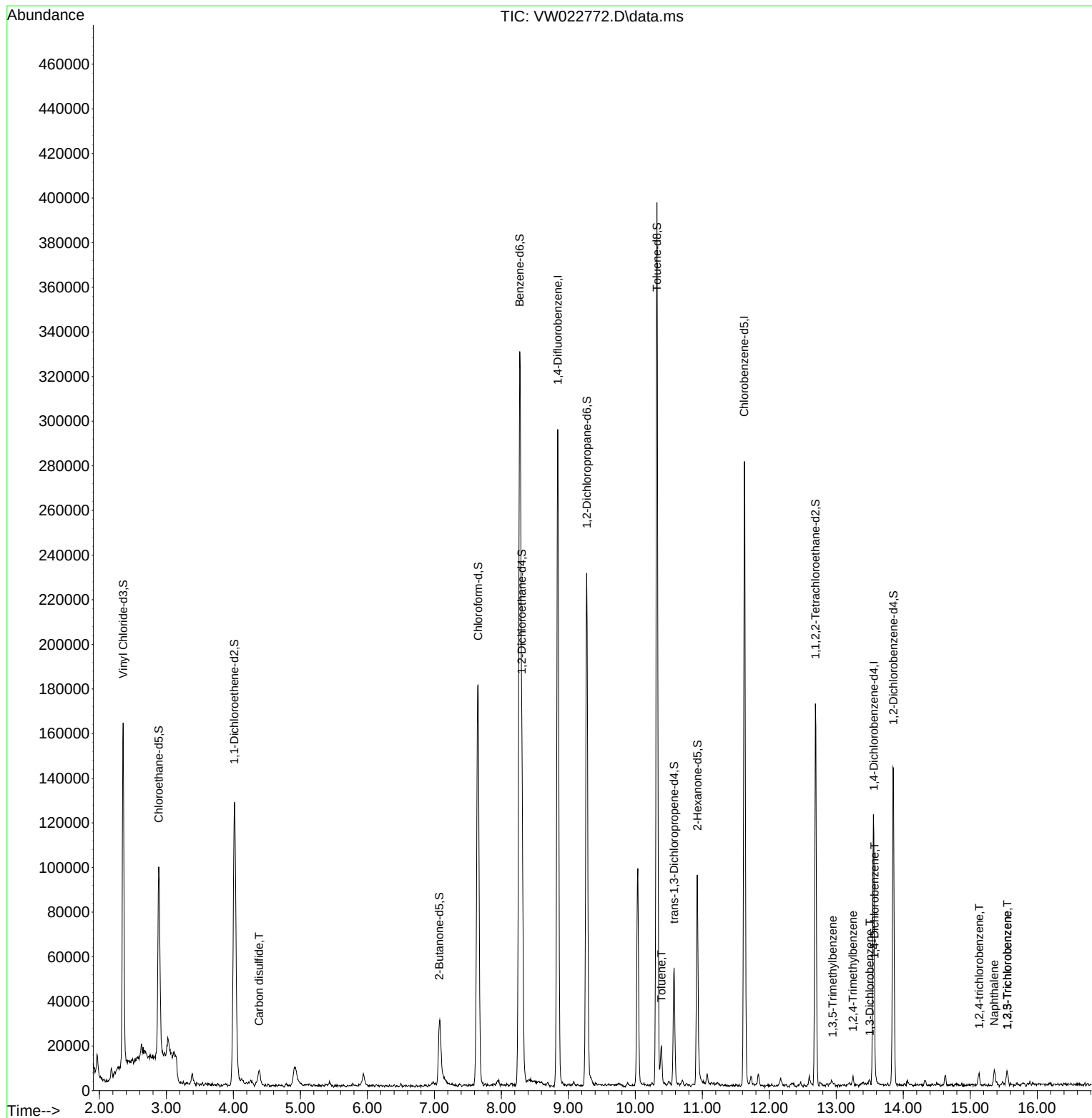
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	243308	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	152078	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	29546	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	136386	27.322	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.280%			
7) Chloroethane-d5	2.885	69	102736	31.635	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 126.520%			
11) 1,1-Dichloroethene-d2	4.013	63	125564	19.467	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.880%			
21) 2-Butanone-d5	7.074	46	48881	51.502	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.000%			
24) Chloroform-d	7.653	84	186735	26.196	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.800%			
26) 1,2-Dichloroethane-d4	8.305	65	99519	25.455	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.800%			
32) Benzene-d6	8.275	84	339789	38.764	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 155.040%#			
36) 1,2-Dichloropropane-d6	9.275	67	103923	42.206	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 168.840%#			
41) Toluene-d8	10.323	98	261304	30.859	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 123.440%			
43) trans-1,3-Dichloroprop...	10.579	79	27964	24.665	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.680%			
47) 2-Hexanone-d5	10.927	63	31909	67.884	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 135.760%#			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	79705	34.729	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 138.920%#			
66) 1,2-Dichlorobenzene-d4	13.853	152	35844	34.705	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 138.800%#			
Target Compounds						Qvalue
14) Carbon disulfide	4.385	76	14343	1.679	ug/L	98
42) Toluene	10.390	91	11881	1.183	ug/L	92
62) 1,3,5-Trimethylbenzene	12.945	105	760	0.337	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	1895	0.560	ug/L	89
64) 1,3-Dichlorobenzene	13.499	146	903	0.500	ug/L #	66
65) 1,4-Dichlorobenzene	13.573	146	1044	0.559	ug/L #	73
69) 1,3,5-Trichlorobenzene	15.554	180	1636	1.364	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	1451	1.504	ug/L #	86
71) Naphthalene	15.359	128	5149	2.455	ug/L #	75
72) 1,2,3-Trichlorobenzene	15.554	180	1636	1.913	ug/L	96

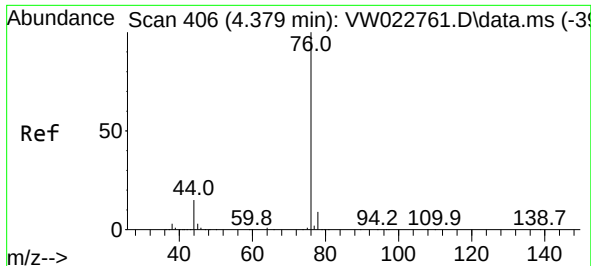
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed May 04 01:21:13 2022
Response via : Initial Calibration

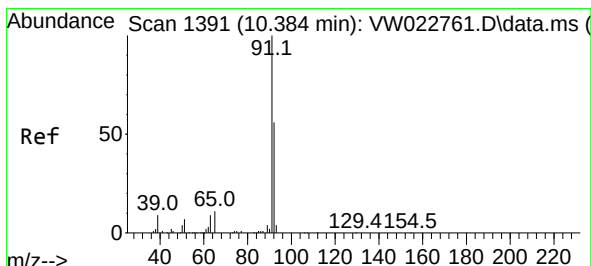
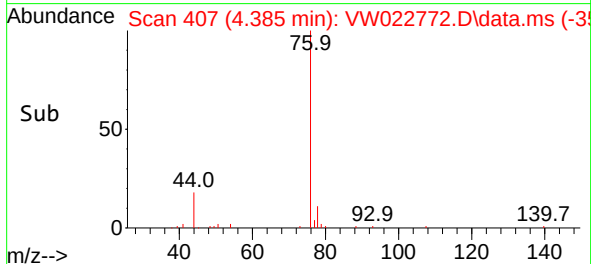
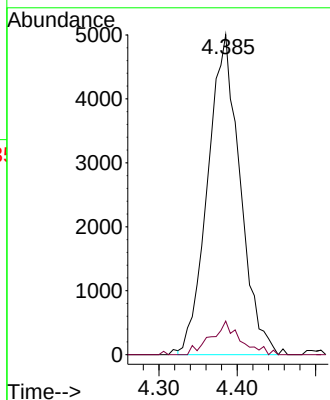
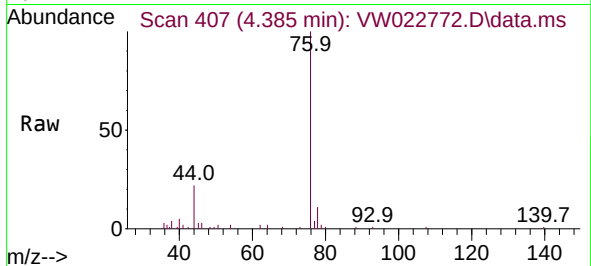




#14
Carbon disulfide
Concen: 1.679 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW022772.D
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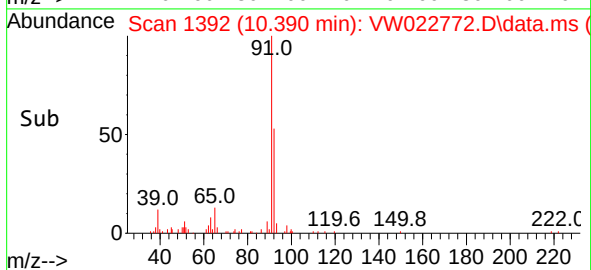
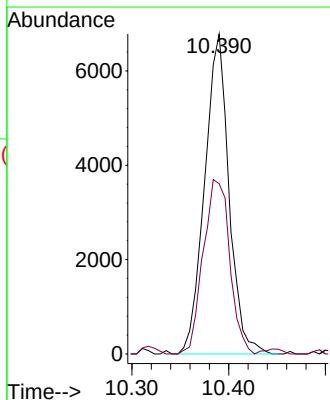
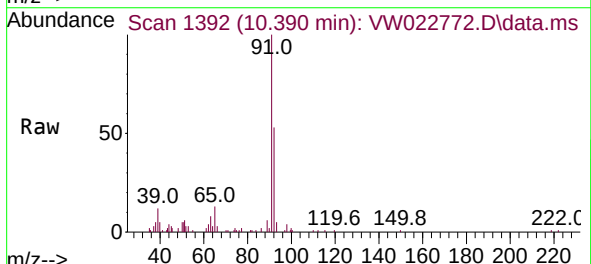
Instrument :
MSVOA_W
ClientSampleId :

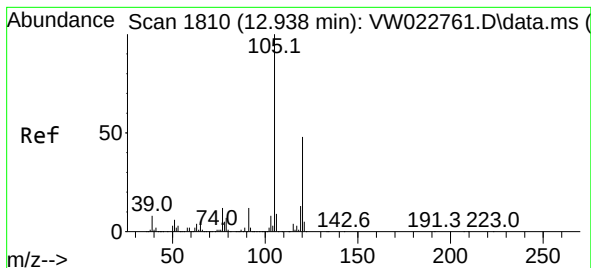
Tgt Ion: 76 Resp: 14343
Ion Ratio Lower Upper
76 100
78 10.5 7.7 11.5



#42
Toluene
Concen: 1.183 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW022772.D
Acq: 03 May 2022 15:13

Tgt Ion: 91 Resp: 11881
Ion Ratio Lower Upper
91 100
92 53.2 41.6 77.2





#62

1,3,5-Trimethylbenzene

Concen: 0.337 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW022772.D

Acq: 03 May 2022 15:13

Instrument :

MSVOA_W

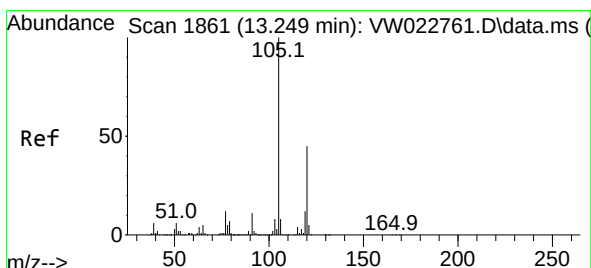
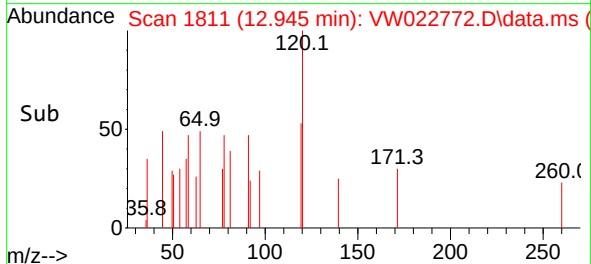
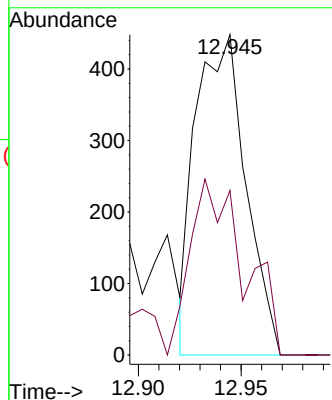
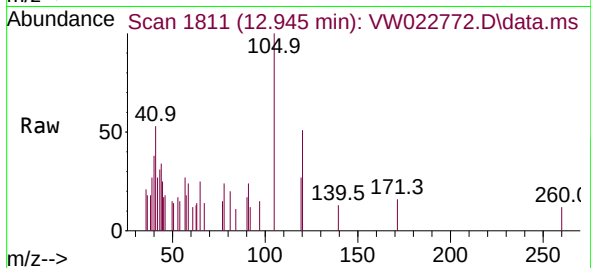
ClientSampleId :

Tgt Ion:105 Resp: 760

Ion Ratio Lower Upper

105 100

120 46.8 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 0.560 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022772.D

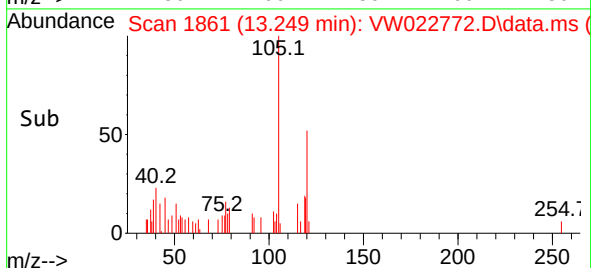
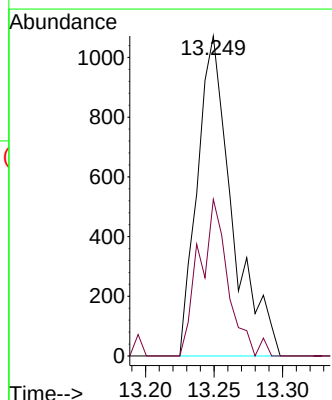
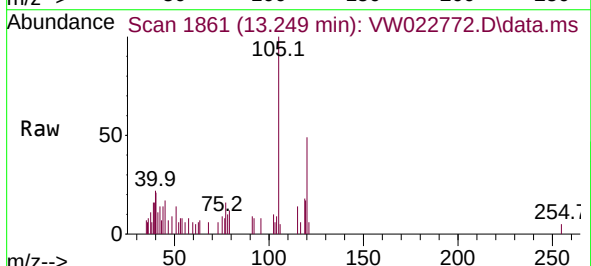
Acq: 03 May 2022 15:13

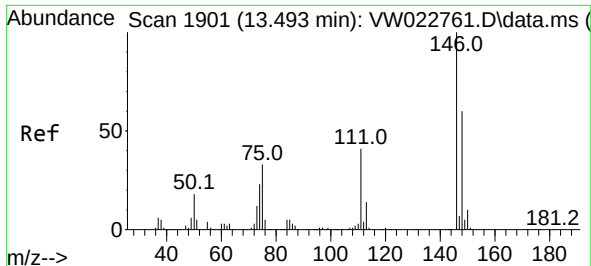
Tgt Ion:105 Resp: 1895

Ion Ratio Lower Upper

105 100

120 39.6 37.4 56.2

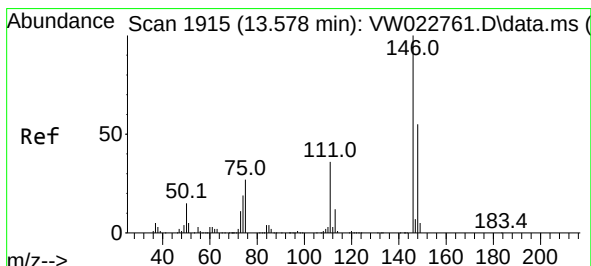
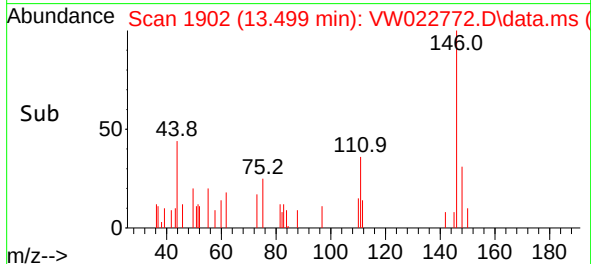
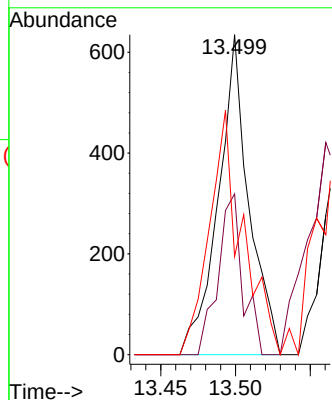
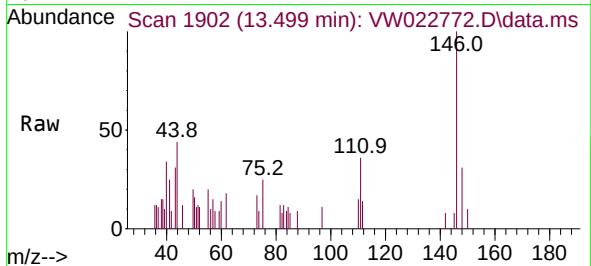




#64
1,3-Dichlorobenzene
Concen: 0.500 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW022772.D
Acq: 03 May 2022 15:13

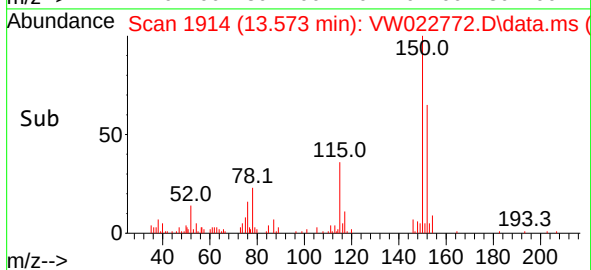
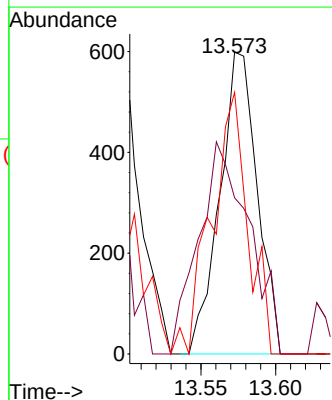
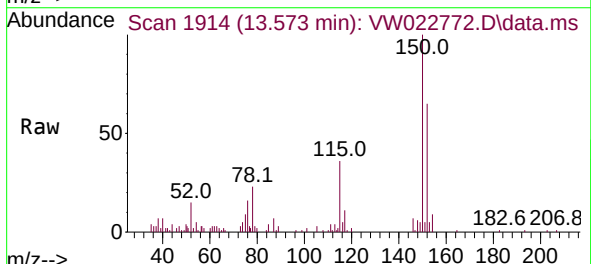
Instrument :
MSVOA_W
ClientSampleId :

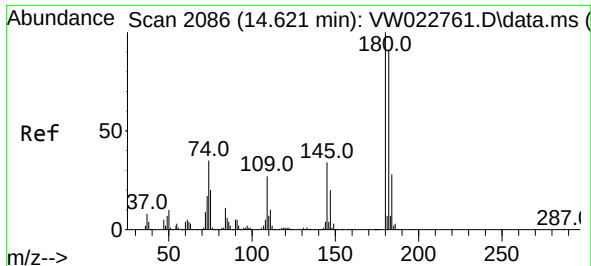
Tgt Ion:146 Resp: 903
Ion Ratio Lower Upper
146 100
111 50.2 29.5 54.9
148 30.7 48.6 90.2#



#65
1,4-Dichlorobenzene
Concen: 0.559 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW022772.D
Acq: 03 May 2022 15:13

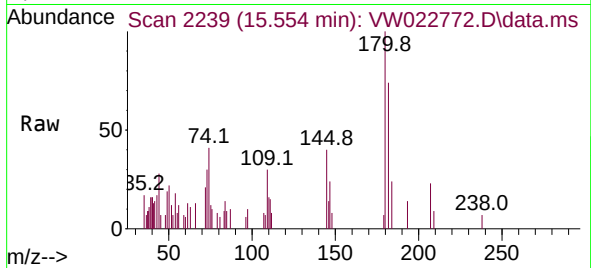
Tgt Ion:146 Resp: 1044
Ion Ratio Lower Upper
146 100
111 51.8 27.2 50.4#
148 86.6 44.0 81.6#



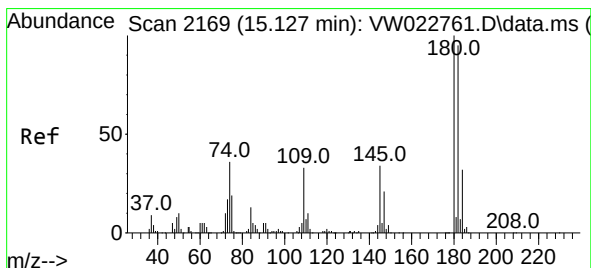
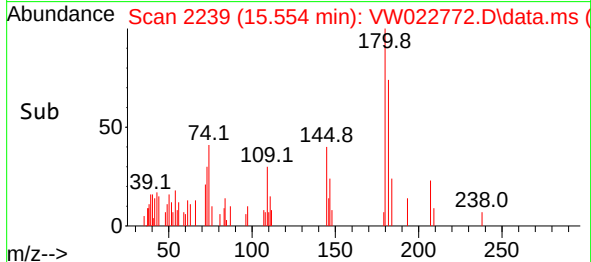
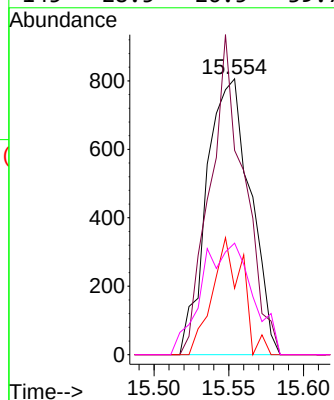


#69
1,3,5-Trichlorobenzene
Concen: 1.364 ug/L
RT: 15.554 min Scan# 2170
Delta R.T. 0.933 min
Lab File: VW022772.D
Acq: 03 May 2022 15:13

Instrument :
MSVOA_W
ClientSampleId :

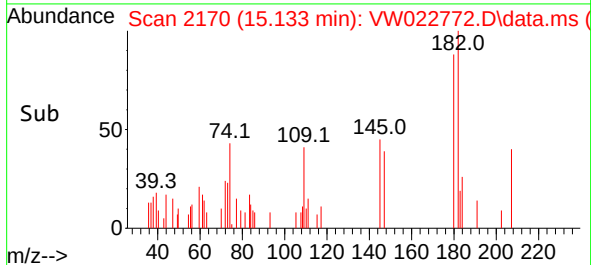
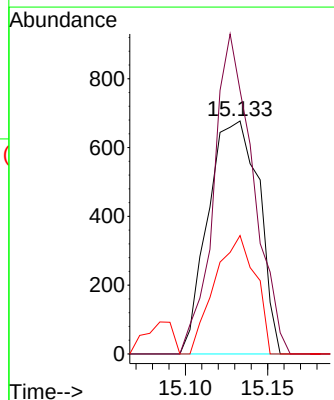
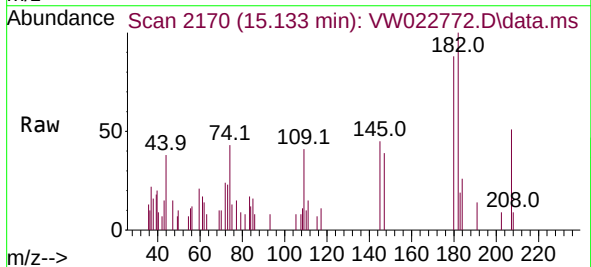


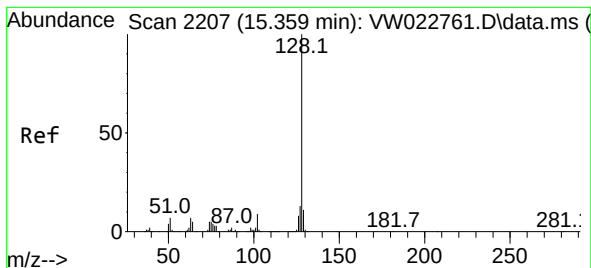
Tgt Ion:180	Resp:	1636
Ion Ratio	Lower	Upper
180	100	
182	90.8	74.8 112.2
184	27.9	23.4 35.2
145	28.5	26.5 39.7



#70
1,2,4-trichlorobenzene
Concen: 1.504 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW022772.D
Acq: 03 May 2022 15:13

Tgt Ion:180	Resp:	1451
Ion Ratio	Lower	Upper
180	100	
182	107.0	74.9 112.3
145	41.0	26.6 39.8#





#71

Naphthalene

Concen: 2.455 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW022772.D

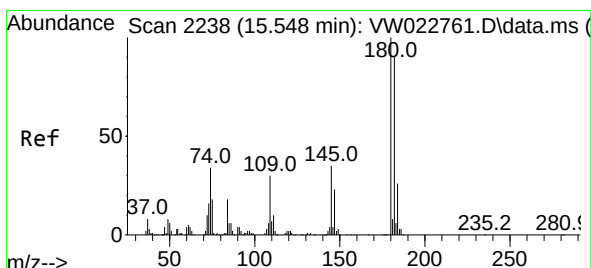
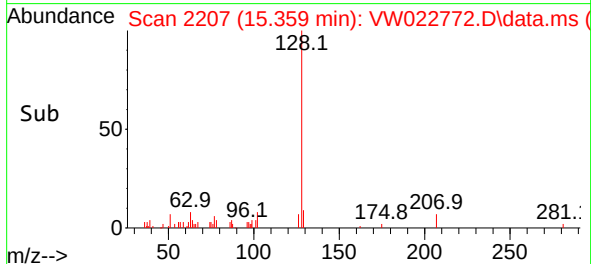
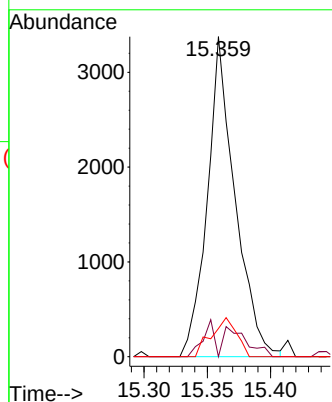
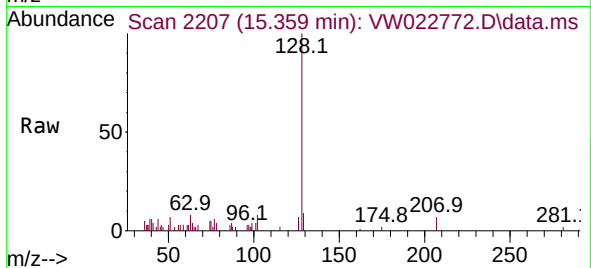
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Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128	Resp:	5149
Ion Ratio	Lower	Upper
128	100	
127	4.7	10.6 16.0#
129	0.0	8.7 13.1#



#72

1,2,3-Trichlorobenzene

Concen: 1.913 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW022772.D

Acq: 03 May 2022 15:13

Tgt Ion:180	Resp:	1636
Ion Ratio	Lower	Upper
180	100	
182	90.8	73.5 110.3
145	28.5	27.9 41.9

