

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102622\
 Data File : VW028704.D
 Acq On : 26 Oct 2022 19:15
 Operator : SY/MD
 Sample : N5232-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA48

Quant Time: Oct 27 06:26:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 05:05:38 2022
 Response via : Initial Calibration

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

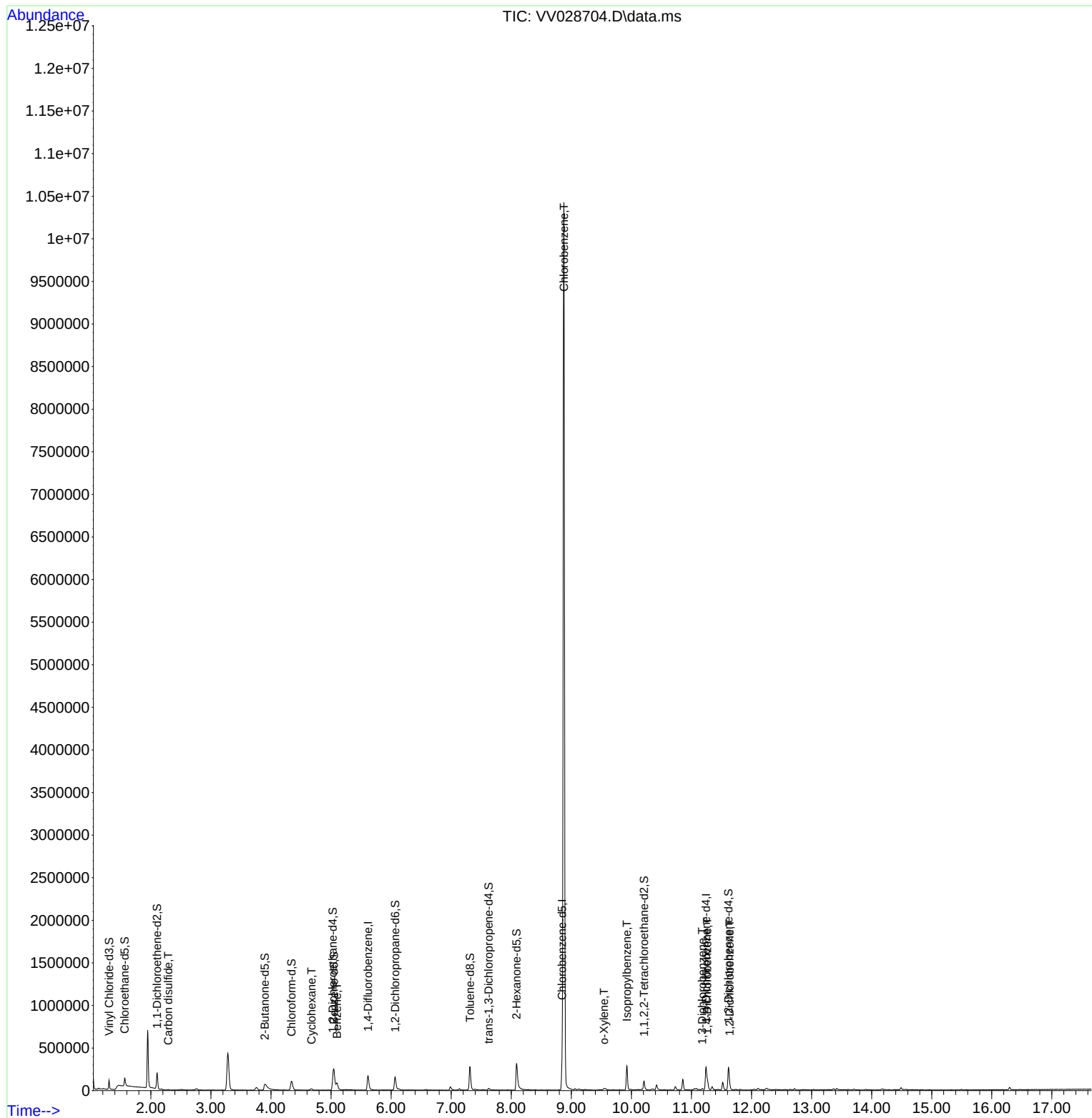
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	139973	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	137508	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	60090	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	69153	7.104	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	142.000%#	
7) Chloroethane-d5	1.565	69	60091	7.300	ug/L	-0.01
Spiked Amount	5.000	Range 65 - 130	Recovery	=	146.000%#	
11) 1,1-Dichloroethene-d2	2.105	63	100582	5.342	ug/L	-0.01
Spiked Amount	5.000	Range 60 - 125	Recovery	=	106.800%	
20) 2-Butanone-d5	3.896	46	163837	73.808	ug/L	-0.08
Spiked Amount	50.000	Range 40 - 130	Recovery	=	147.620%#	
24) Chloroform-d	4.343	84	107516	6.360	ug/L	-0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	127.200%#	
26) 1,2-Dichloroethane-d4	5.027	65	58407	6.810	ug/L	-0.01
Spiked Amount	5.000	Range 70 - 130	Recovery	=	136.200%#	
32) Benzene-d6	5.047	84	217319	5.910	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	118.200%	
36) 1,2-Dichloropropane-d6	6.066	67	75350	6.473	ug/L	-0.01
Spiked Amount	5.000	Range 60 - 140	Recovery	=	129.400%	
41) Toluene-d8	7.314	98	176320	6.145	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	122.800%	
43) trans-1,3-Dichloroprop...	7.622	79	11784	3.258	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	65.200%	
46) 2-Hexanone-d5	8.088	63	109373	64.968	ug/L	-0.03
Spiked Amount	50.000	Range 45 - 130	Recovery	=	129.940%	
56) 1,1,2,2-Tetrachloroeth...	10.211	84	50634	6.559	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	131.200%#	
66) 1,2-Dichlorobenzene-d4	11.616	152	57010	6.878	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	137.600%#	
Target Compounds						Qvalue
14) Carbon disulfide	2.291	76	6754	0.380	ug/L	100
30) Cyclohexane	4.674	56	8265	0.482	ug/L	99
33) Benzene	5.098	78	85099	2.071	ug/L	100
51) Chlorobenzene	8.876	112	4713674	192.103	ug/L	96
54) o-Xylene	9.545	106	4453	0.283	ug/L	99
60) Isopropylbenzene	9.924	105	170844	4.518	ug/L #	84
64) 1,3-Dichlorobenzene	11.182	146	5466	0.336	ug/L	95
65) 1,4-Dichlorobenzene	11.265	146	38022	2.340	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	15732	1.056	ug/L	98

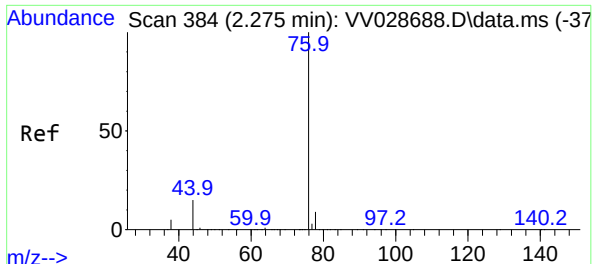
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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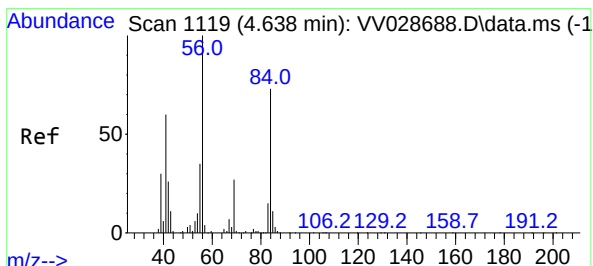
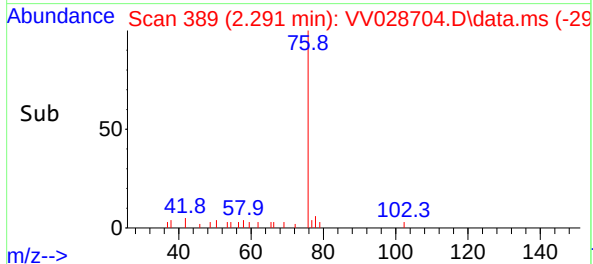
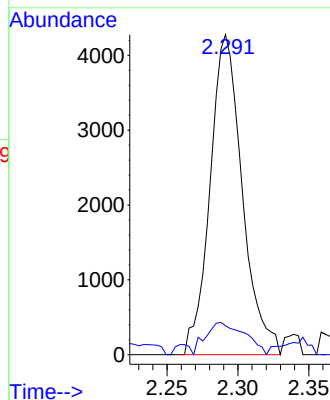
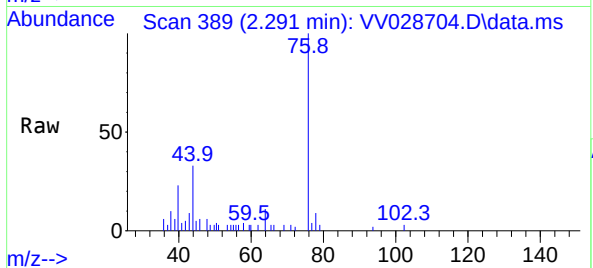




#14
Carbon disulfide
Concen: 0.380 ug/L
RT: 2.291 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV028704.D
Acq: 26 Oct 2022 19:15

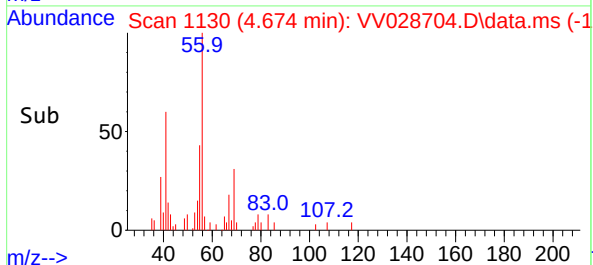
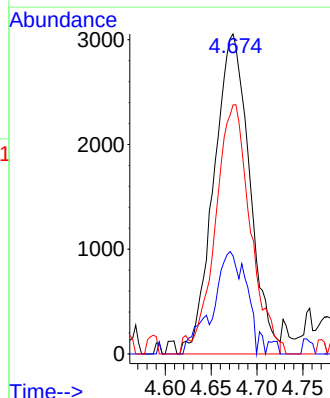
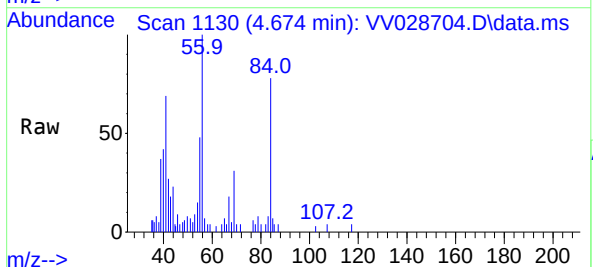
Instrument :
MSVOA_V
ClientSampleId :
BHA48

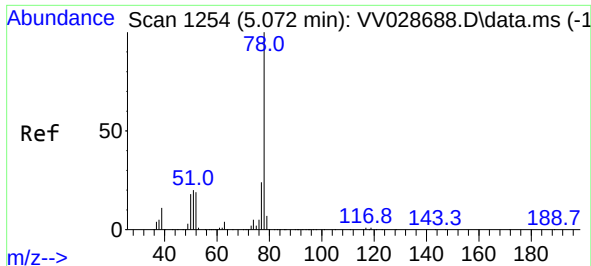
Tgt Ion: 76 Resp: 6754
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#30
Cyclohexane
Concen: 0.482 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. 0.010 min
Lab File: VV028704.D
Acq: 26 Oct 2022 19:15

Tgt Ion: 56 Resp: 8265
Ion Ratio Lower Upper
56 100
69 25.7 22.6 34.0
84 75.5 60.4 90.6

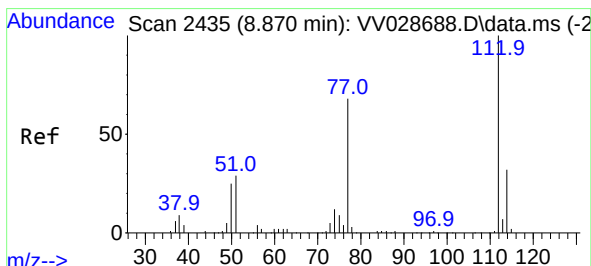
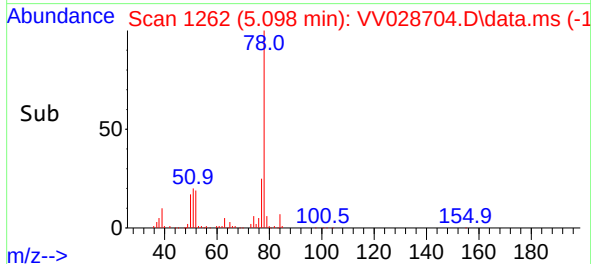
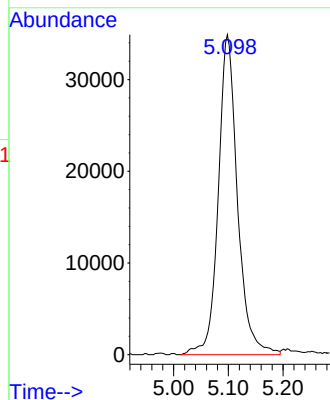
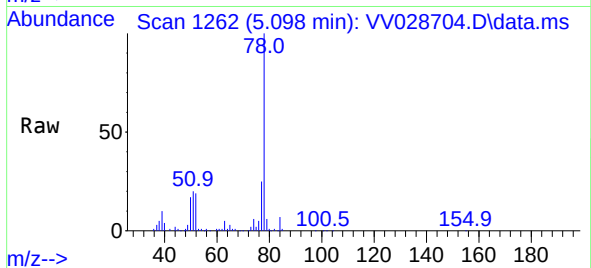




#33
Benzene
Concen: 2.071 ug/L
RT: 5.098 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028704.D
Acq: 26 Oct 2022 19:15

Instrument :
MSVOA_V
ClientSampleId :
BHA48

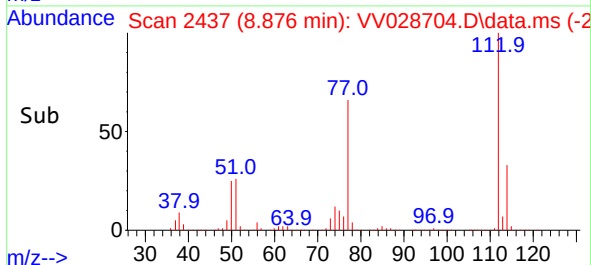
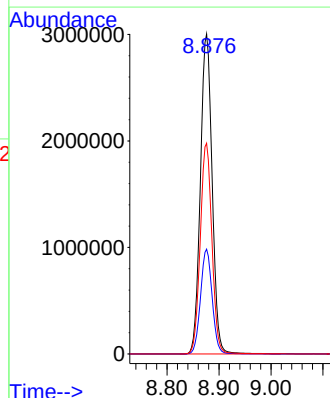
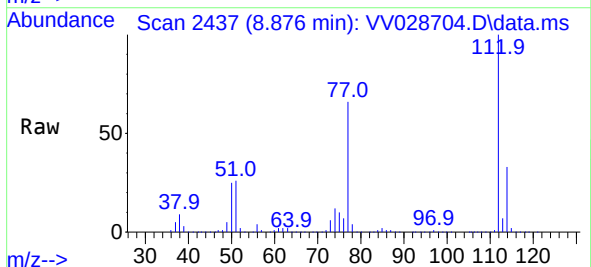
Tgt Ion: 78 Resp: 85099

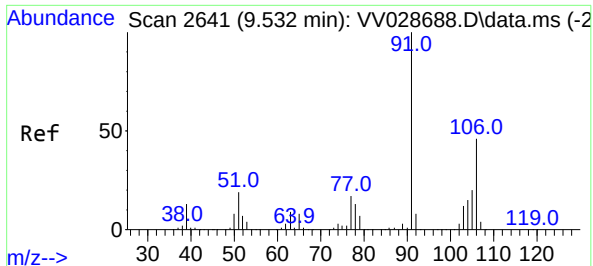


#51
Chlorobenzene
Concen: 192.103 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. -0.006 min
Lab File: VV028704.D
Acq: 26 Oct 2022 19:15

Tgt Ion:112 Resp: 4713674

Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.0	41.0
77	65.8	50.0	75.0





#54

o-Xylene

Concen: 0.283 ug/L

RT: 9.545 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV028704.D

Acq: 26 Oct 2022 19:15

Instrument :

MSVOA_V

ClientSampleId :

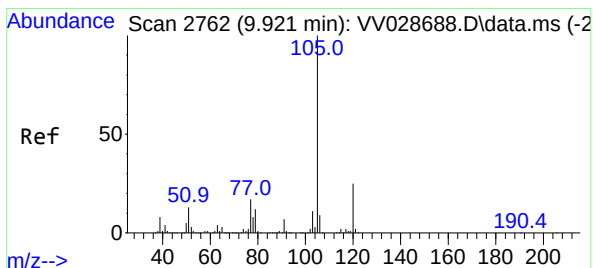
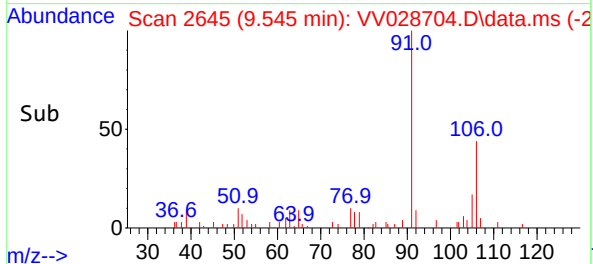
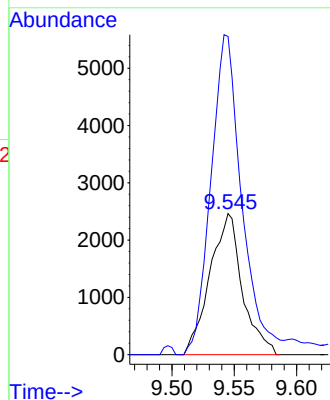
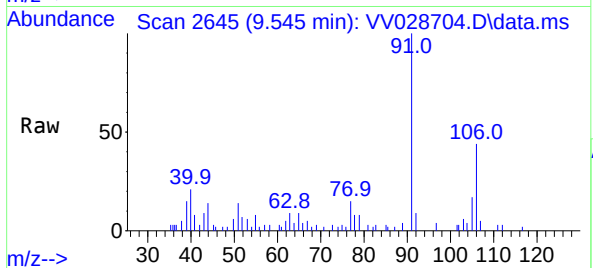
BHA48

Tgt Ion:106 Resp: 4453

Ion Ratio Lower Upper

106 100

91 225.6 159.0 295.4



#60

Isopropylbenzene

Concen: 4.518 ug/L

RT: 9.924 min Scan# 2763

Delta R.T. -0.003 min

Lab File: VV028704.D

Acq: 26 Oct 2022 19:15

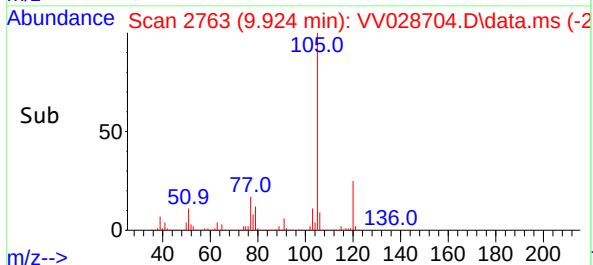
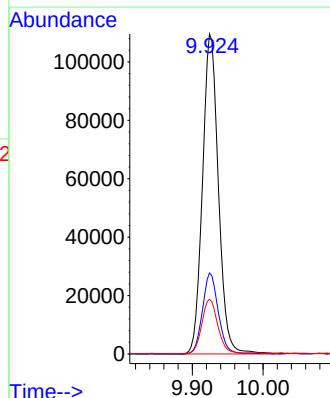
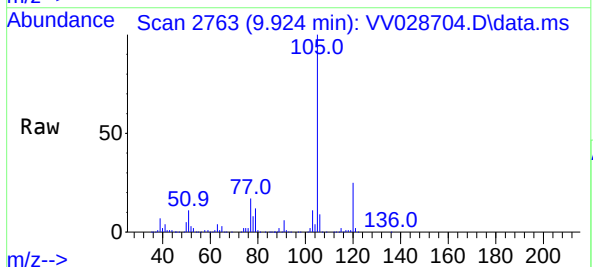
Tgt Ion:105 Resp: 170844

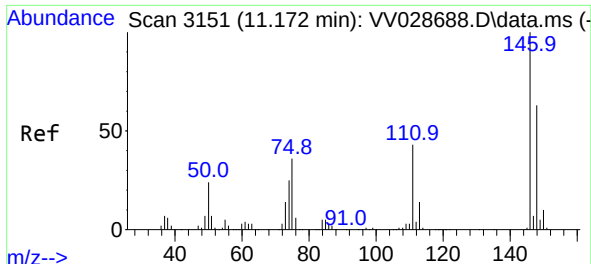
Ion Ratio Lower Upper

105 100

120 25.2 20.1 30.1

77 0.0 13.4 20.0#

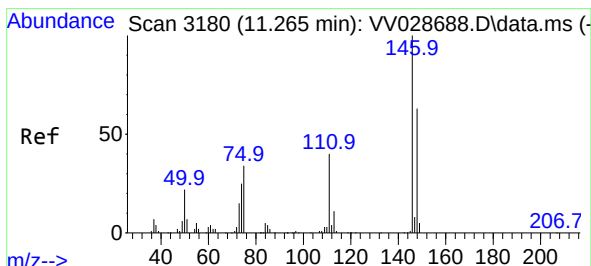
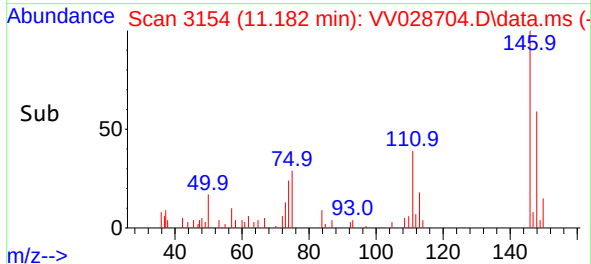
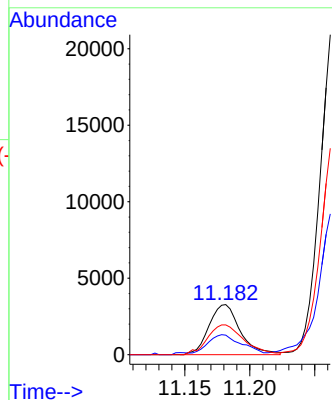
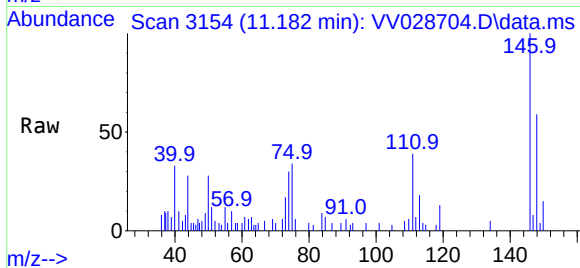




#64
1,3-Dichlorobenzene
Concen: 0.336 ug/L
RT: 11.182 min Scan# 3151
Delta R.T. 0.006 min
Lab File: VV028704.D
Acq: 26 Oct 2022 19:15

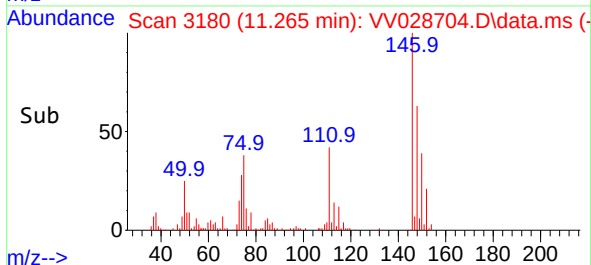
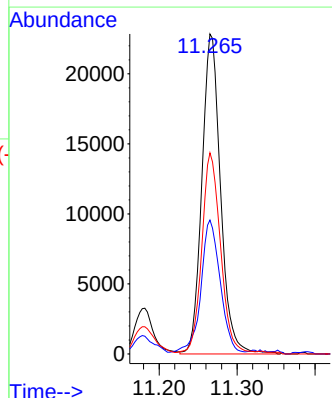
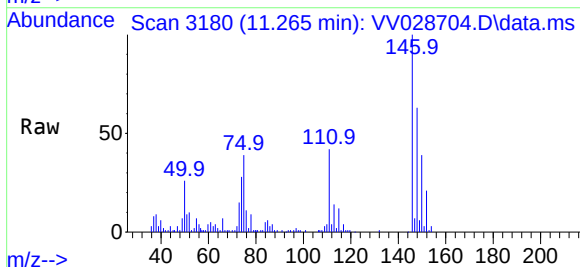
Instrument :
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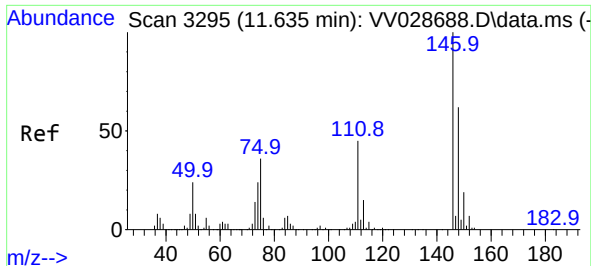
Tgt Ion:146 Resp: 5466
Ion Ratio Lower Upper
146 100
111 38.9 29.0 53.9
148 59.4 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 2.340 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.000 min
Lab File: VV028704.D
Acq: 26 Oct 2022 19:15

Tgt Ion:146 Resp: 38022
Ion Ratio Lower Upper
146 100
111 41.8 28.6 53.2
148 62.9 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 1.056 ug/L

RT: 11.635 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV028704.D

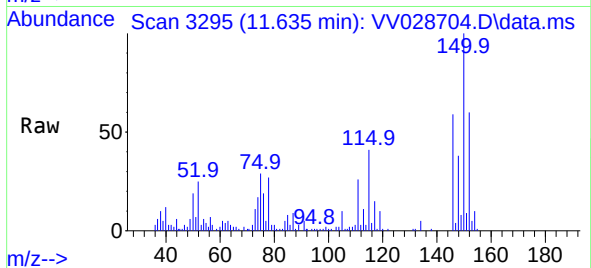
Acq: 26 Oct 2022 19:15

Instrument :

MSVOA_V

ClientSampleId :

BHA48



Tgt Ion:146 Resp: 15732

Ion Ratio Lower Upper

146 100

111 44.5 36.2 54.4

148 64.6 50.6 75.8

