

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121923\
 Data File : VW027787.D
 Acq On : 19 Dec 2023 18:20
 Operator : SY/MD
 Sample : 05808-02
 Misc : 1.73g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 22:37:10 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)

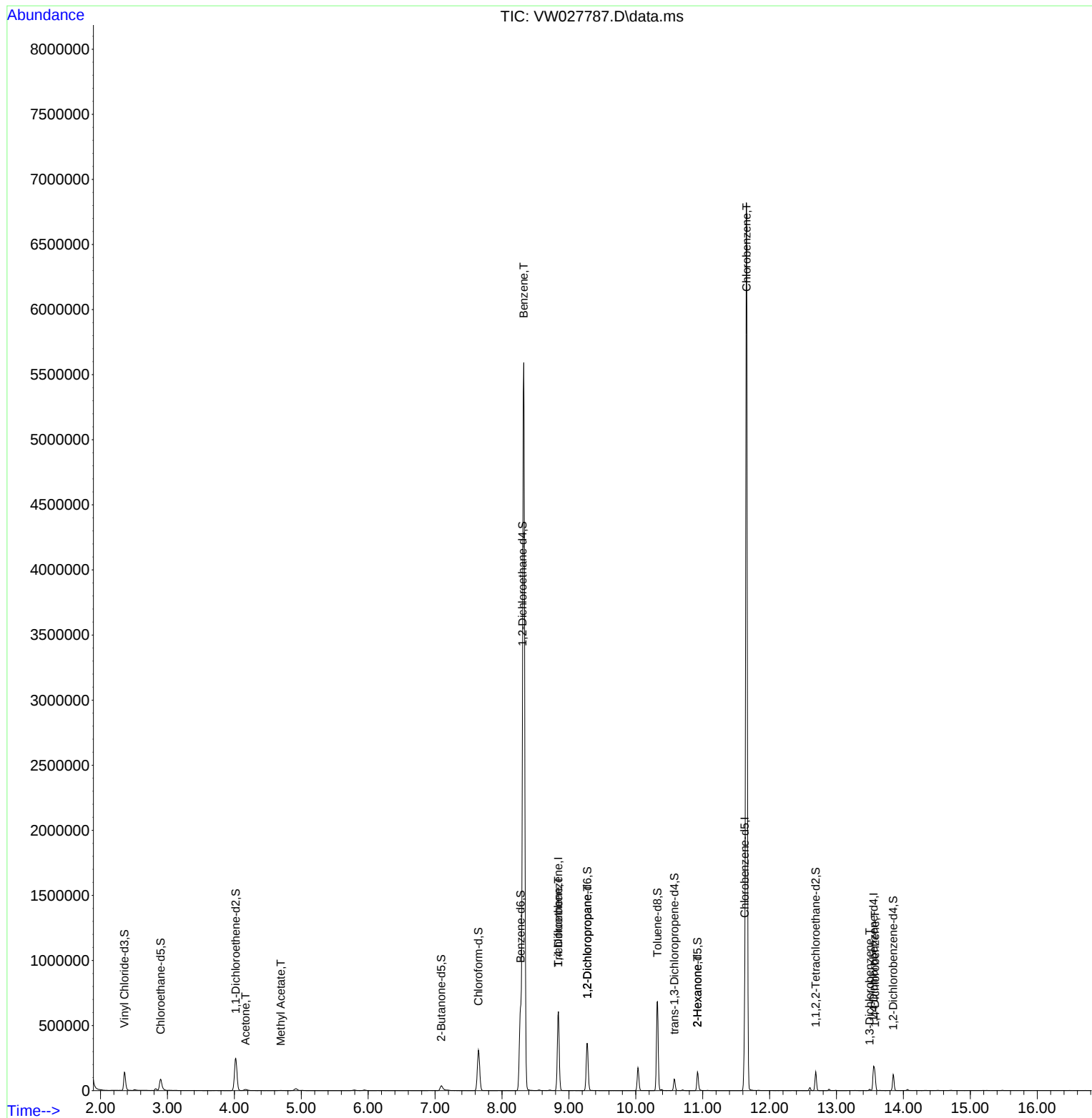
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	564619	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	301606	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	43959	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	177366	22.181	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	88.720%	
7) Chloroethane-d5	2.899	69	131271	21.085	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	84.320%	
11) 1,1-Dichloroethene-d2	4.021	65	74456	23.249	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	93.000%	
21) 2-Butanone-d5	7.094	46	65777	48.307	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	96.620%	
24) Chloroform-d	7.648	84	330231	24.579	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	98.320%	
26) 1,2-Dichloroethane-d4	8.307	65	153542	24.340	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	97.360%	
32) Benzene-d6	8.276	84	691623	39.237	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	156.960%#	
36) 1,2-Dichloropropane-d6	9.276	67	187256	37.497	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	150.000%#	
41) Toluene-d8	10.325	98	495613	30.305	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	121.200%	
43) trans-1,3-Dichloroprop...	10.575	79	53888	27.871	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	111.480%	
47) 2-Hexanone-d5	10.922	63	53657	73.731	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	147.460%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	73943	19.580	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	78.320%	
66) 1,2-Dichlorobenzene-d4	13.848	152	33952	21.577	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	86.320%	
Target Compounds						Qvalue
13) Acetone	4.167	43	20551	16.626	ug/L	96
15) Methyl Acetate	4.692	43	2990	1.339	ug/L	98
33) Benzene	8.325	78	5996894	342.996	ug/L	100
34) Trichloroethene	8.843	95	15317	3.214	ug/L #	3
37) 1,2-Dichloropropane	9.276	63	19594	4.643	ug/L #	85
48) 2-Hexanone	10.922	43	5555	4.046	ug/L #	67
51) Chlorobenzene	11.654	112	3922167	326.332	ug/L	94
64) 1,3-Dichlorobenzene	13.495	146	4433	1.654	ug/L	84
65) 1,4-Dichlorobenzene	13.574	146	50976	18.929	ug/L	97

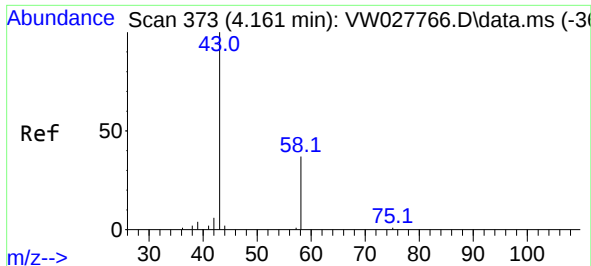
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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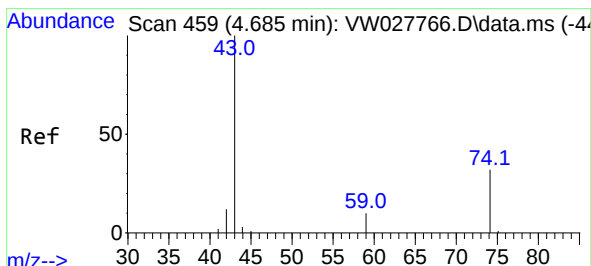
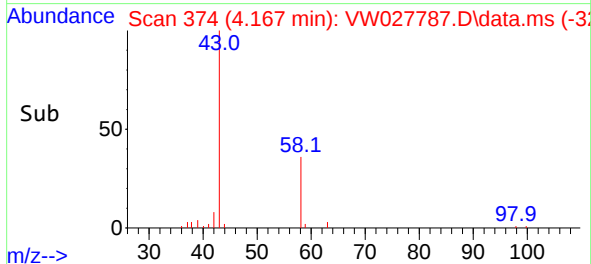
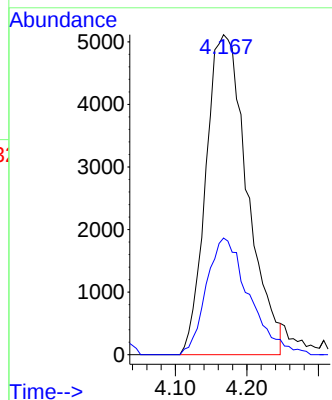
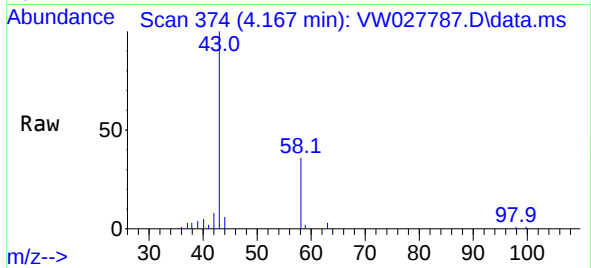




#13
Acetone
Concen: 16.626 ug/L
RT: 4.167 min Scan# 31
Delta R.T. -0.018 min
Lab File: VW027787.D
Acq: 19 Dec 2023 18:20

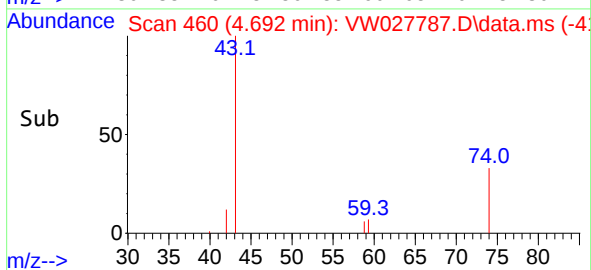
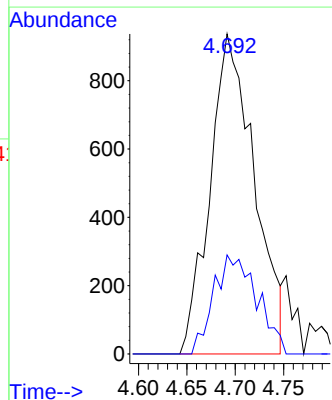
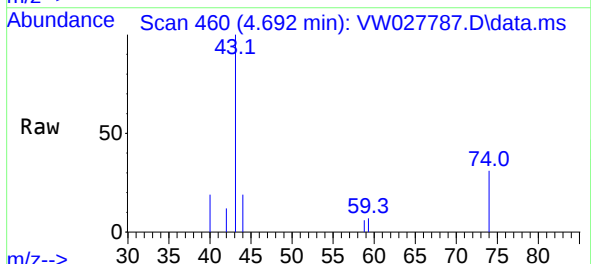
Instrument :
MSVOA_W
ClientSampleId :

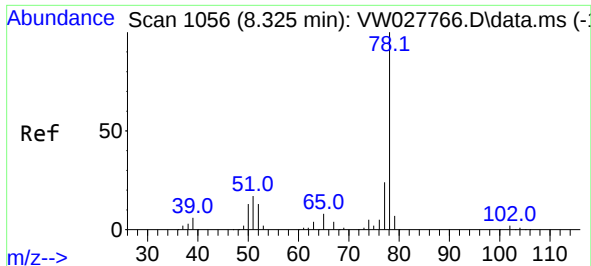
Tgt Ion: 43 Resp: 20551
Ion Ratio Lower Upper
43 100
58 36.4 0.0 68.6



#15
Methyl Acetate
Concen: 1.339 ug/L
RT: 4.692 min Scan# 460
Delta R.T. -0.006 min
Lab File: VW027787.D
Acq: 19 Dec 2023 18:20

Tgt Ion: 43 Resp: 2990
Ion Ratio Lower Upper
43 100
74 28.5 22.1 33.1

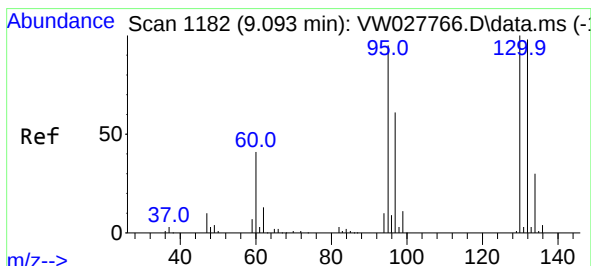
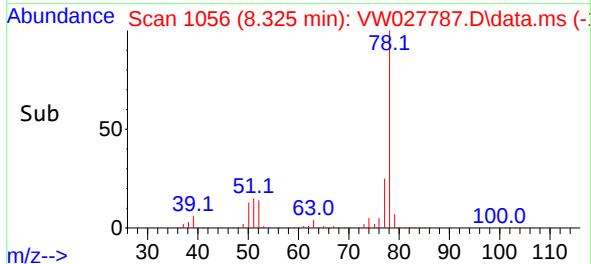
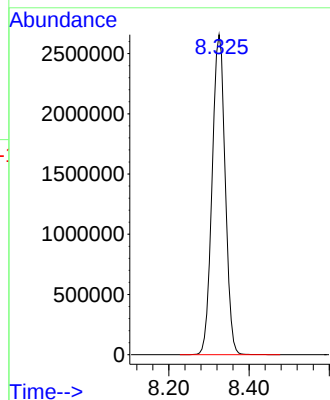
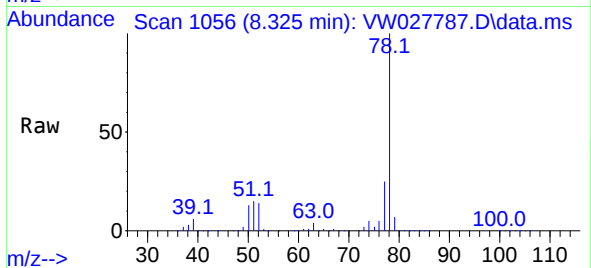




#33
Benzene
Concen: 342.996 ug/L
RT: 8.325 min Scan# 1140
Delta R.T. -0.000 min
Lab File: VW027787.D
Acq: 19 Dec 2023 18:20

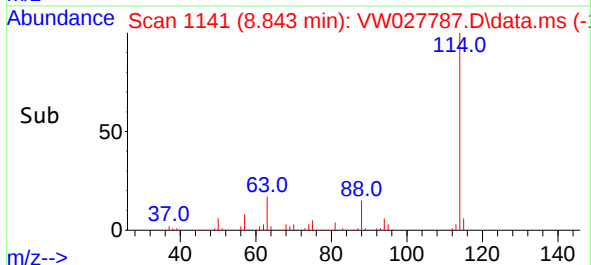
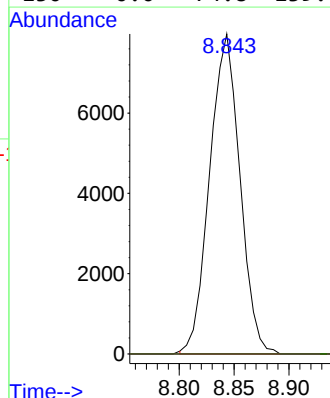
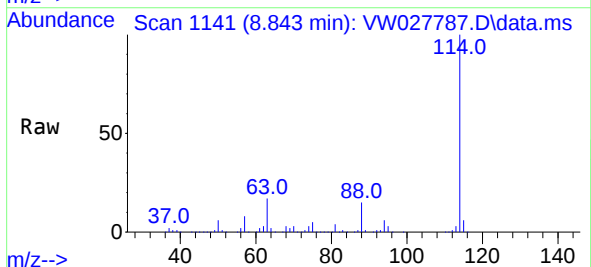
Instrument :
MSVOA_W
ClientSampleId :

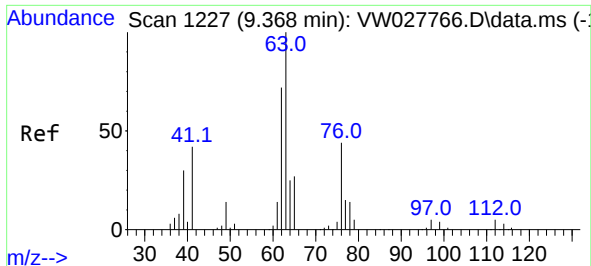
Tgt Ion: 78 Resp: 5996894



#34
Trichloroethene
Concen: 3.214 ug/L
RT: 8.843 min Scan# 1141
Delta R.T. -0.244 min
Lab File: VW027787.D
Acq: 19 Dec 2023 18:20

Tgt Ion: 95 Resp: 15317
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#





#37

1,2-Dichloropropane

Concen: 4.643 ug/L

RT: 9.276 min Scan# 11

Delta R.T. -0.092 min

Lab File: VW027787.D

Acq: 19 Dec 2023 18:20

Instrument :

MSVOA_W

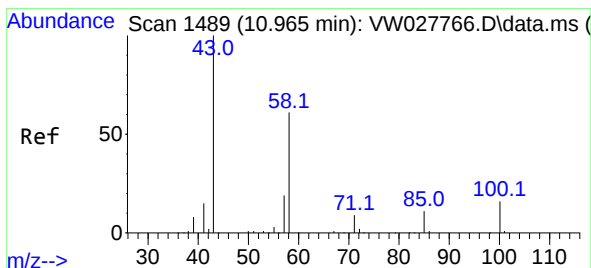
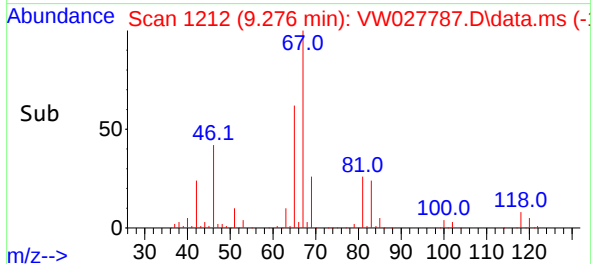
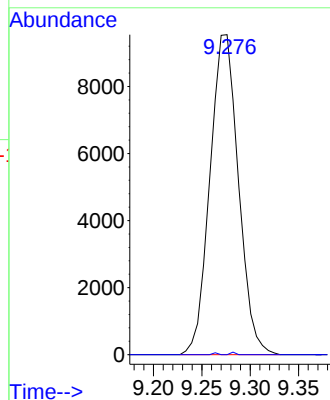
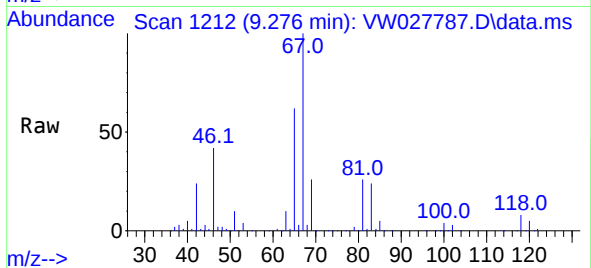
ClientSampleId :

Tgt Ion: 63 Resp: 19594

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#48

2-Hexanone

Concen: 4.046 ug/L

RT: 10.922 min Scan# 1482

Delta R.T. -0.043 min

Lab File: VW027787.D

Acq: 19 Dec 2023 18:20

Tgt Ion: 43 Resp: 5555

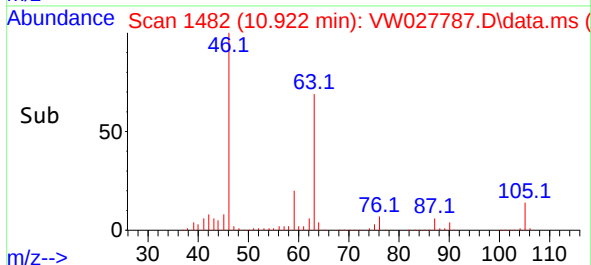
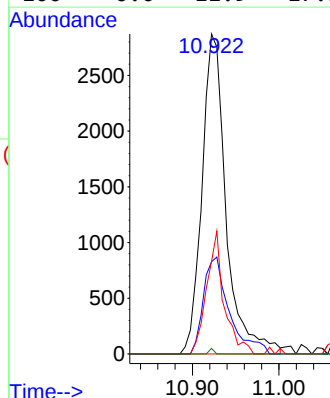
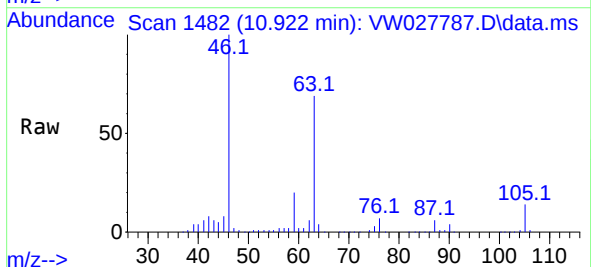
Ion Ratio Lower Upper

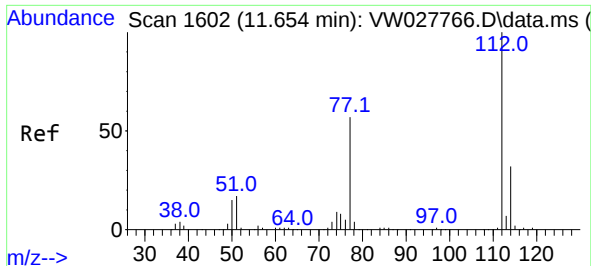
43 100

58 32.3 50.4 75.6#

57 26.5 17.0 25.6#

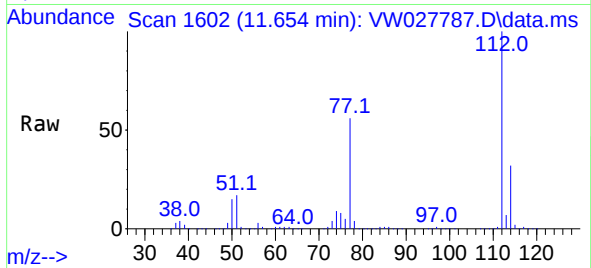
100 0.0 11.9 17.9#



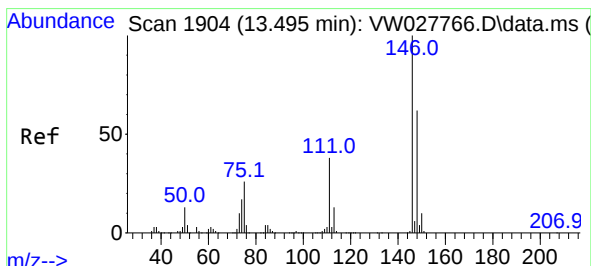
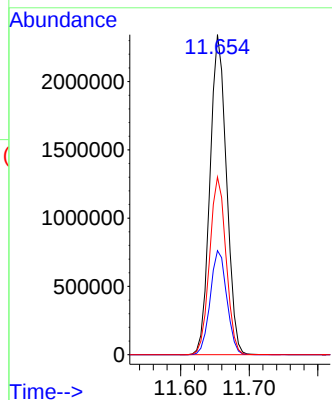
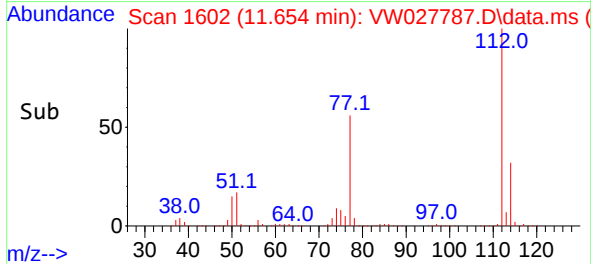


#51
Chlorobenzene
Concen: 326.332 ug/L
RT: 11.654 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW027787.D
Acq: 19 Dec 2023 18:20

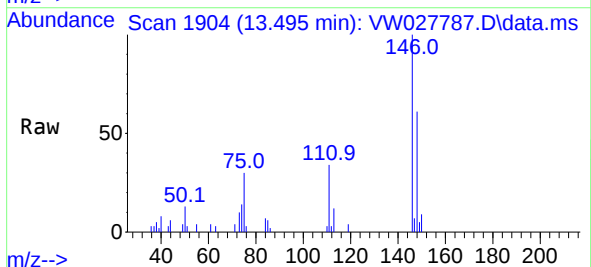
Instrument :
MSVOA_W
ClientSampleId :



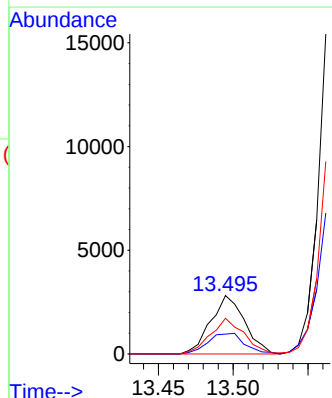
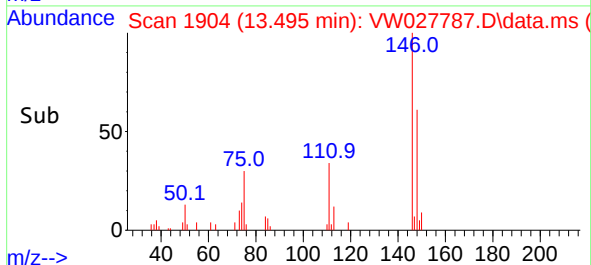
Tgt Ion:112 Resp: 3922167
Ion Ratio Lower Upper
112 100
114 32.5 25.0 46.4
77 55.5 48.1 72.1

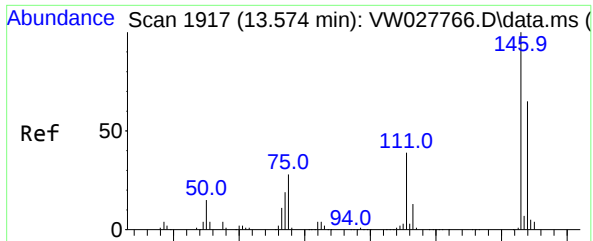


#64
1,3-Dichlorobenzene
Concen: 1.654 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027787.D
Acq: 19 Dec 2023 18:20



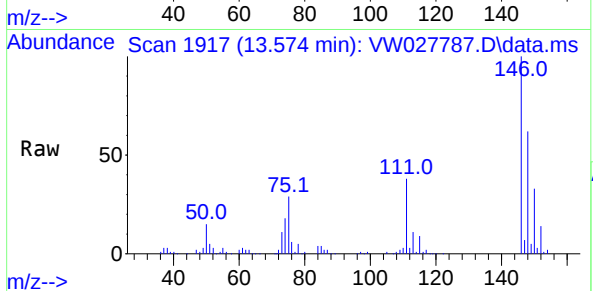
Tgt Ion:146 Resp: 4433
Ion Ratio Lower Upper
146 100
111 33.9 31.1 57.7
148 61.2 52.6 97.8





#65
1,4-Dichlorobenzene
Concen: 18.929 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027787.D
Acq: 19 Dec 2023 18:20

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	146	Resp:	50976
Ion	Ratio	Lower	Upper
146	100		
111	37.8	26.2	48.6
148	62.4	46.3	85.9

