

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122123\
 Data File : VW027817.D
 Acq On : 21 Dec 2023 11:07
 Operator : SY/MD
 Sample : 05808-03
 Misc : 6.76g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 21 22:42:14 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)

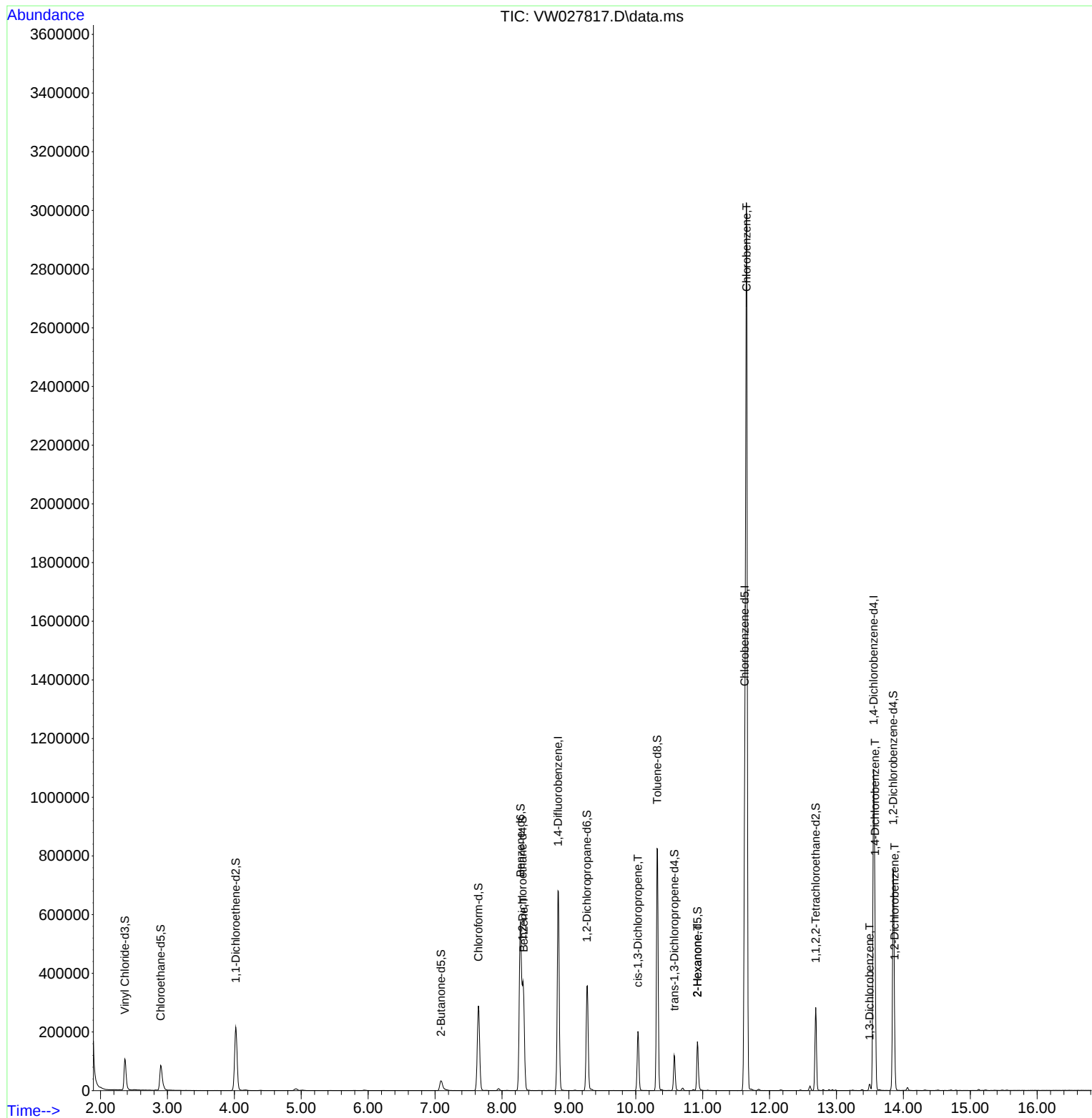
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	637786	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	587611	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	267689	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	145052	16.059	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.240%
7) Chloroethane-d5	2.899	69	132297	18.812	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.240%
11) 1,1-Dichloroethene-d2	4.021	65	63167	17.461	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.840%
21) 2-Butanone-d5	7.088	46	61131	39.745	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.480%
24) Chloroform-d	7.648	84	307724	20.277	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.120%
26) 1,2-Dichloroethane-d4	8.307	65	143717	20.169	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.680%
32) Benzene-d6	8.276	84	646646	18.830	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.320%
36) 1,2-Dichloropropane-d6	9.270	67	185998	19.117	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.480%
41) Toluene-d8	10.319	98	594829	18.669	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.680%
43) trans-1,3-Dichloroprop...	10.575	79	69982	18.578	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.320%
47) 2-Hexanone-d5	10.922	63	62616	44.163	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.320%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	146412	19.899	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.600%
66) 1,2-Dichlorobenzene-d4	13.849	152	198490	20.715	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.840%
Target Compounds						
					Qvalue	
33) Benzene	8.325	78	273787	8.038	ug/L	100
39) cis-1,3-Dichloropropene	10.032	75	4611	0.368	ug/L #	66
48) 2-Hexanone	10.922	43	6229	2.329	ug/L #	65
51) Chlorobenzene	11.654	112	1732524	73.988	ug/L	93
64) 1,3-Dichlorobenzene	13.495	146	9508	0.582	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	219010	13.355	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	53973	3.802	ug/L	95

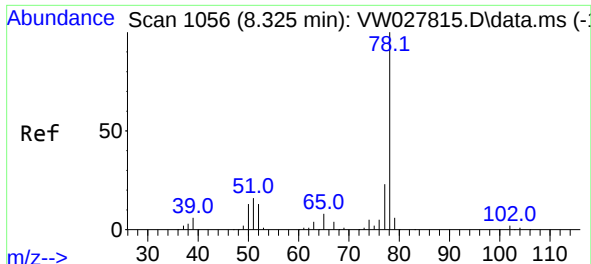
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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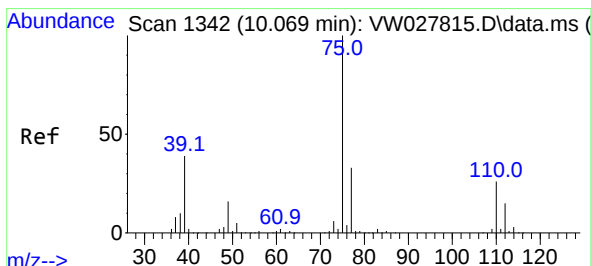
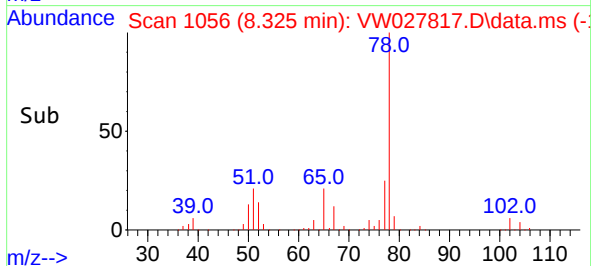
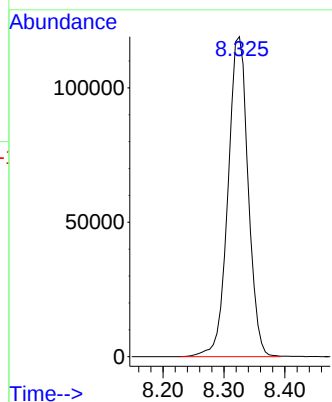
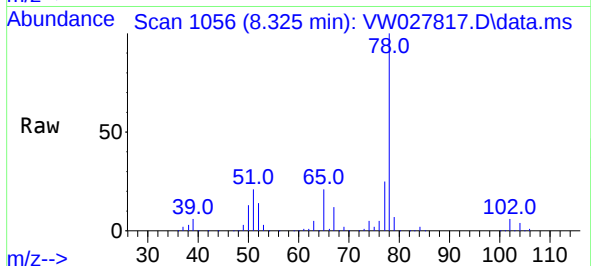




#33
Benzene
Concen: 8.038 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW027817.D
Acq: 21 Dec 2023 11:07

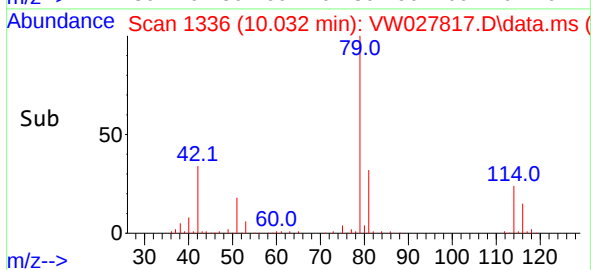
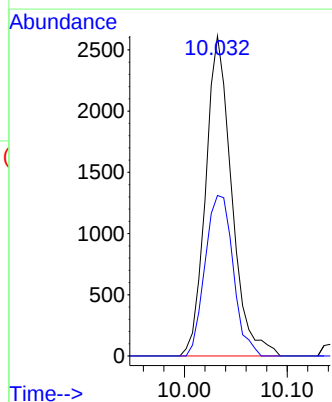
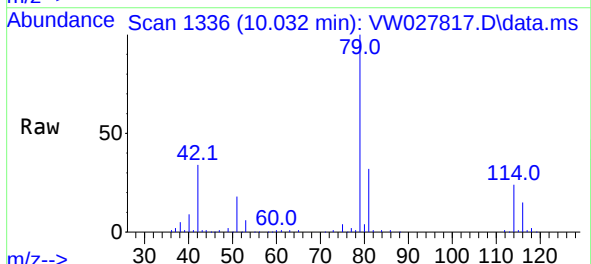
Instrument :
MSVOA_W
ClientSampleId :

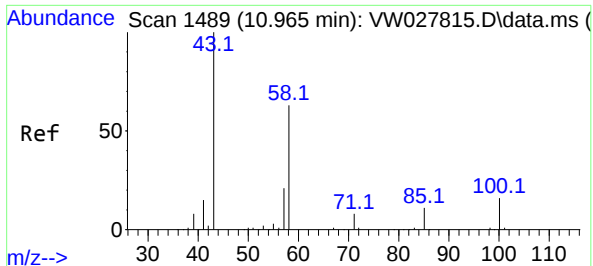
Tgt Ion: 78 Resp: 273787



#39
cis-1,3-Dichloropropene
Concen: 0.368 ug/L
RT: 10.032 min Scan# 1336
Delta R.T. -0.037 min
Lab File: VW027817.D
Acq: 21 Dec 2023 11:07

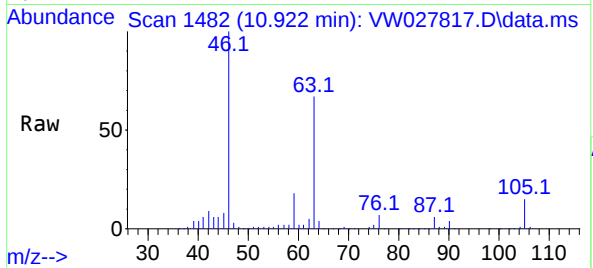
Tgt Ion: 75 Resp: 4611
Ion Ratio Lower Upper
75 100
77 50.2 21.8 40.6#



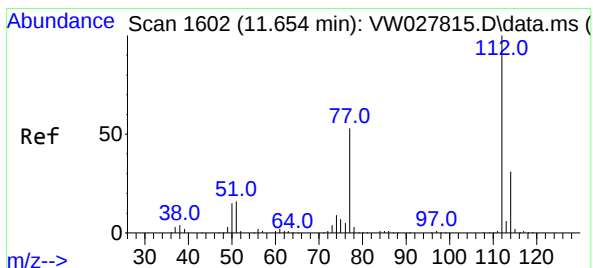
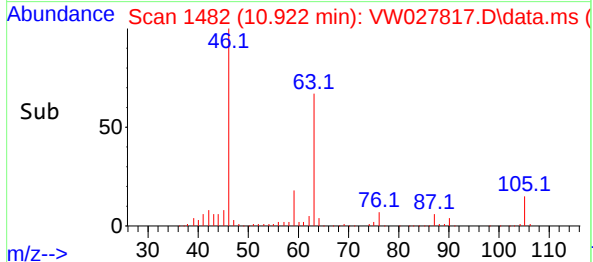
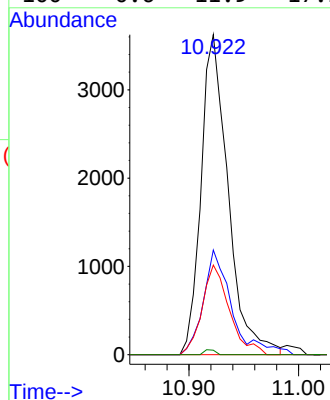


#48
2-Hexanone
Concen: 2.329 ug/L
RT: 10.922 min Scan# 1482
Delta R.T. -0.043 min
Lab File: VW027817.D
Acq: 21 Dec 2023 11:07

Instrument :
MSVOA_W
ClientSampleId :

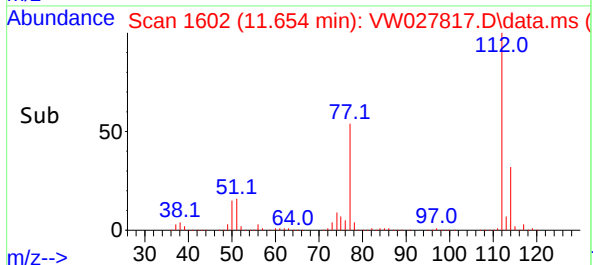
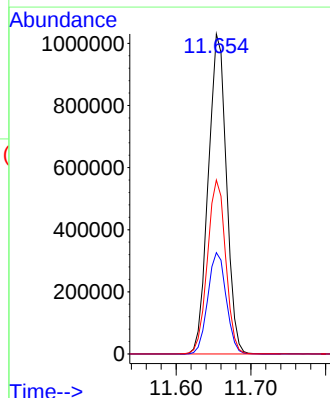
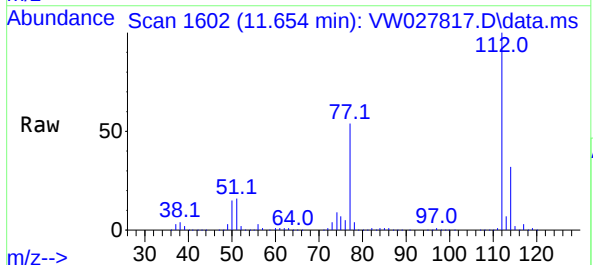


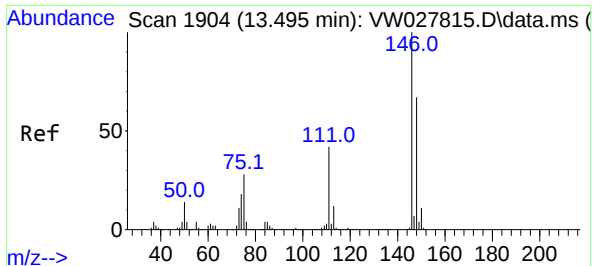
Tgt Ion: 43 Resp: 6229
Ion Ratio Lower Upper
43 100
58 30.8 50.4 75.6#
57 28.1 17.0 25.6#
100 0.6 11.9 17.9#



#51
Chlorobenzene
Concen: 73.988 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027817.D
Acq: 21 Dec 2023 11:07

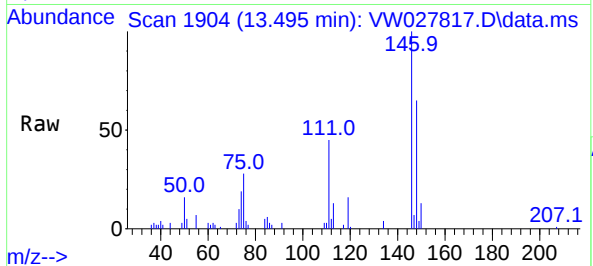
Tgt Ion: 112 Resp: 1732524
Ion Ratio Lower Upper
112 100
114 31.7 25.0 46.4
77 54.4 48.1 72.1



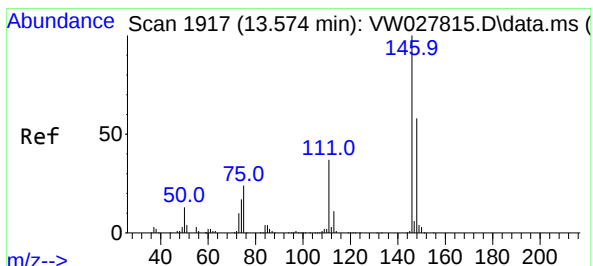
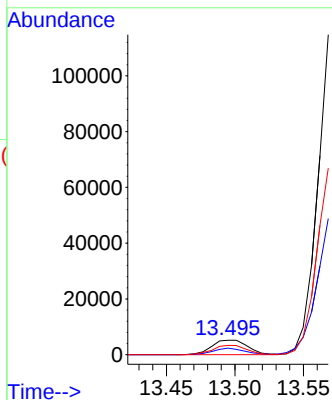
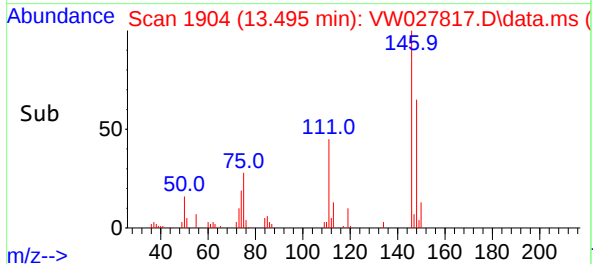


#64
1,3-Dichlorobenzene
Concen: 0.582 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027817.D
Acq: 21 Dec 2023 11:07

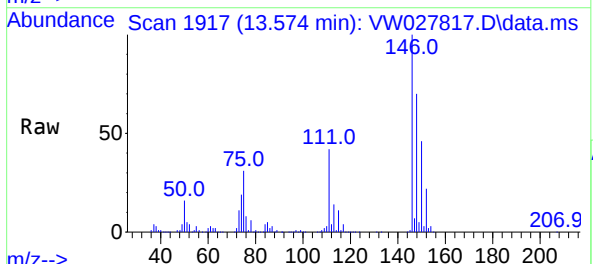
Instrument :
MSVOA_W
ClientSampleId :



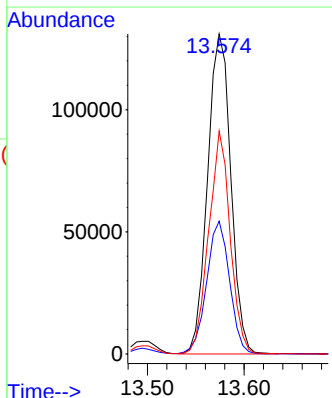
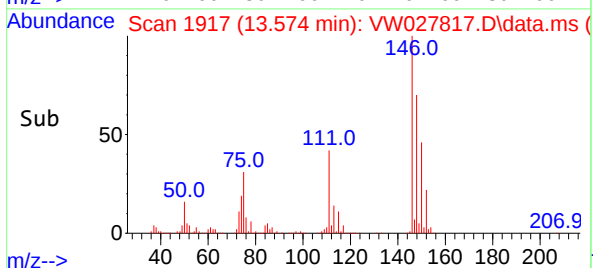
Tgt Ion:146 Resp: 9508
Ion Ratio Lower Upper
146 100
111 45.3 31.1 57.7
148 64.7 52.6 97.8

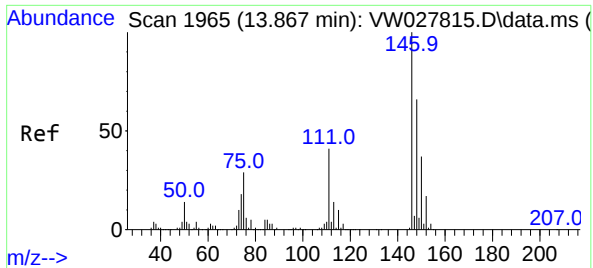


#65
1,4-Dichlorobenzene
Concen: 13.355 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027817.D
Acq: 21 Dec 2023 11:07



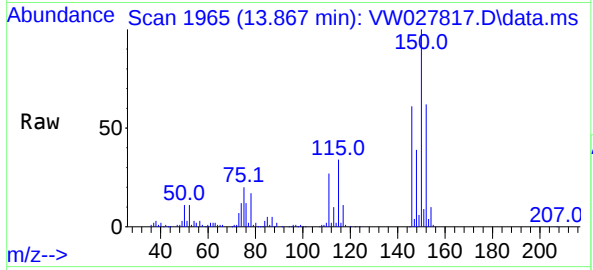
Tgt Ion:146 Resp: 219010
Ion Ratio Lower Upper
146 100
111 41.5 26.2 48.6
148 69.6 46.3 85.9





#67
 1,2-Dichlorobenzene
 Concen: 3.802 ug/L
 RT: 13.867 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VW027817.D
 Acq: 21 Dec 2023 11:07

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	146	Resp:	53973
Ion Ratio	Lower	Upper	
146	100		
111	43.9	32.1	48.1
148	63.2	53.0	79.4

