

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121923\
 Data File : VW027801.D
 Acq On : 20 Dec 2023 01:07
 Operator : SY/MD
 Sample : 05869-05
 Misc : 5.59g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 01:45:47 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)

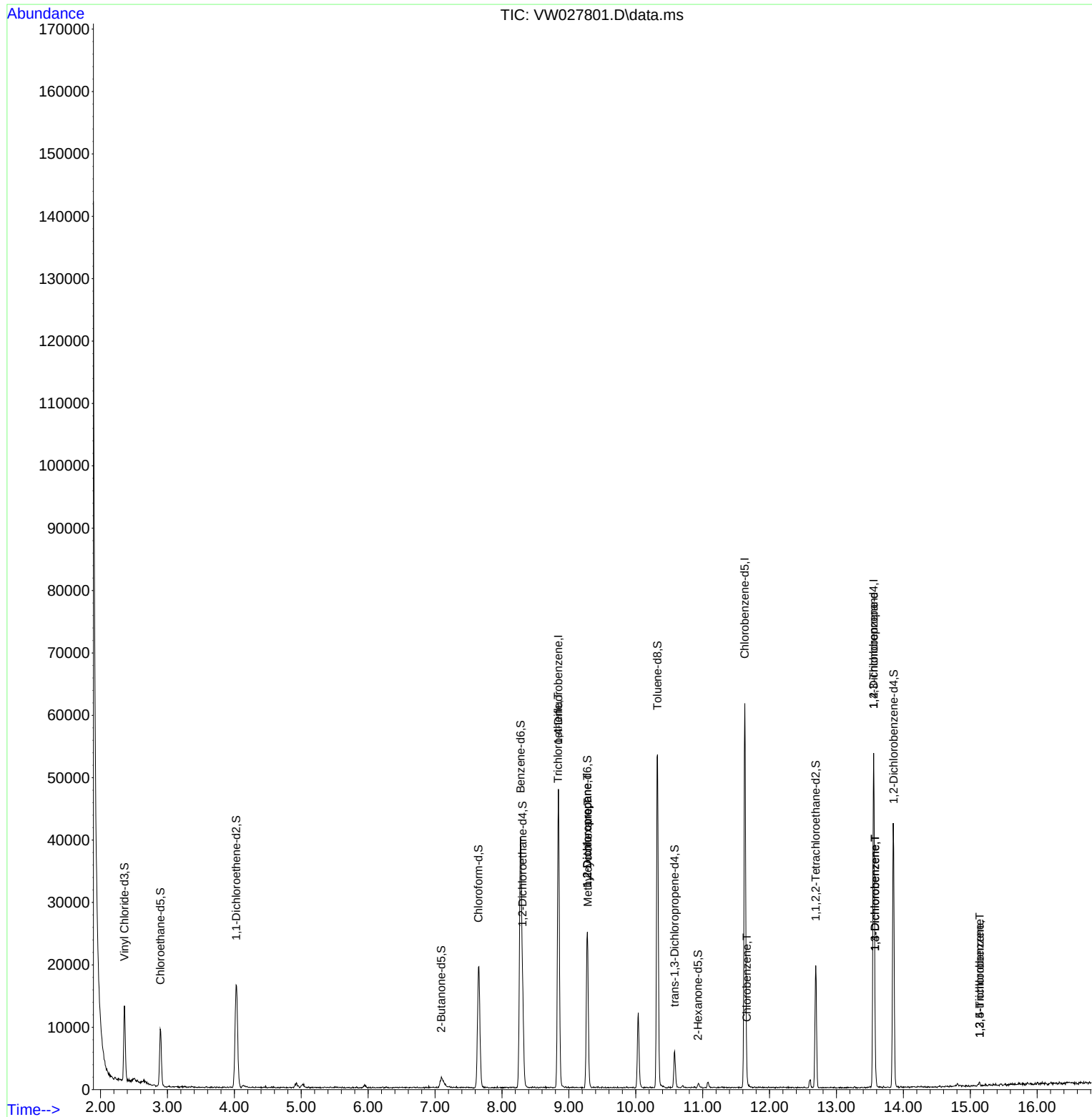
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	43524	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	37583	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	14901	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	12890	20.912	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.640%
7) Chloroethane-d5	2.893	69	10342	21.549	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	4.027	65	5038	20.408	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.640%
21) 2-Butanone-d5	7.094	46	3167	30.173	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.340%
24) Chloroform-d	7.648	84	21711	20.963	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.840%
26) 1,2-Dichloroethane-d4	8.307	65	10476	21.543	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.160%
32) Benzene-d6	8.276	84	45888	20.892	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.560%
36) 1,2-Dichloropropane-d6	9.276	67	12659	20.343	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.360%
41) Toluene-d8	10.325	98	39163	19.217	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.880%
43) trans-1,3-Dichloroprop...	10.581	79	3740	15.523	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	62.080%
47) 2-Hexanone-d5	10.928	63	176	1.941	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	3.880%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	10284	21.853	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	13.855	152	12019	22.533	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.120%
Target Compounds						Qvalue
34) Trichloroethene	8.837	95	1134	1.910	ug/L #	3
35) Methylcyclohexane	9.282	83	3277	3.059	ug/L #	21
37) 1,2-Dichloropropane	9.276	63	1296	2.464	ug/L #	85
51) Chlorobenzene	11.660	112	562	0.375	ug/L #	68
61) 1,2,3-Trichloropropane	13.556	75	2155	8.677	ug/L #	62
64) 1,3-Dichlorobenzene	13.574	146	1679	1.848	ug/L	84
65) 1,4-Dichlorobenzene	13.574	146	1679	1.839	ug/L	95
69) 1,3,5-Trichlorobenzene	15.141	180	345	0.546	ug/L #	72
70) 1,2,4-trichlorobenzene	15.141	180	345	0.664	ug/L #	80

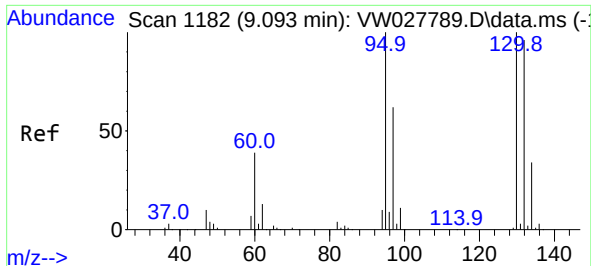
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

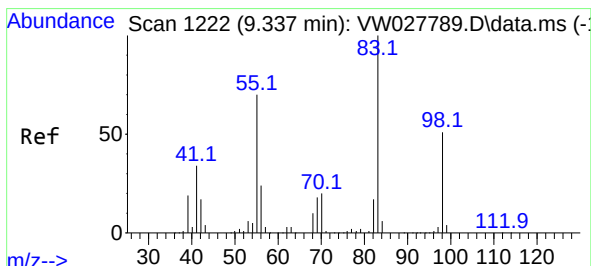
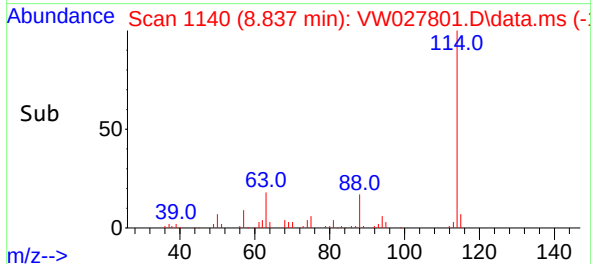
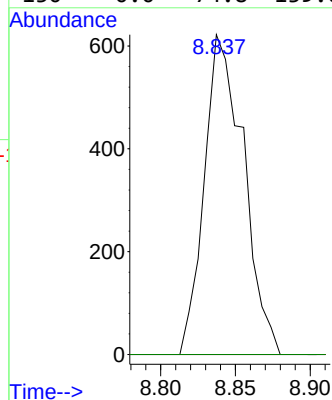
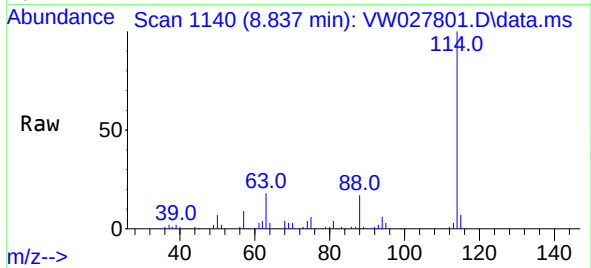




#34
Trichloroethene
Concen: 1.910 ug/L
RT: 8.837 min Scan# 1182
Delta R.T. -0.250 min
Lab File: VW027801.D
Acq: 20 Dec 2023 01:07

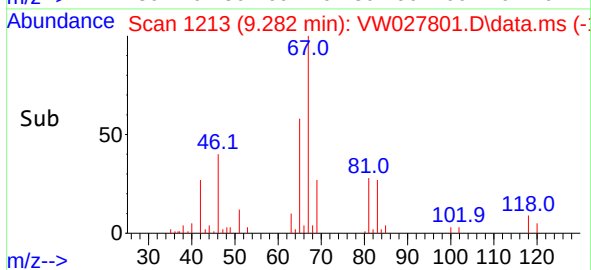
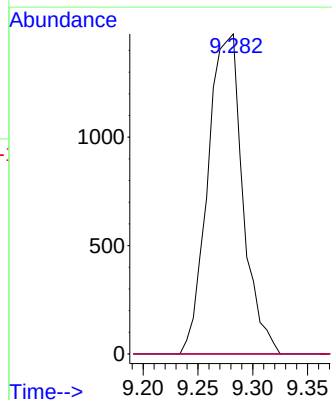
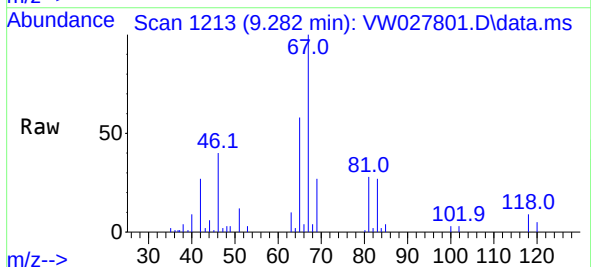
Instrument :
MSVOA_W
ClientSampleId :

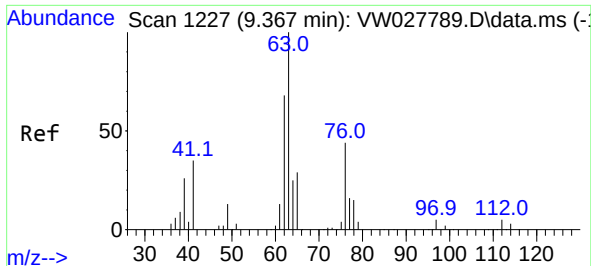
Tgt Ion: 95 Resp: 1134
Ion Ratio Lower Upper
95 100
97 0.0 45.9 85.3#
132 0.0 70.4 130.8#
130 0.0 74.8 139.0#



#35
Methylcyclohexane
Concen: 3.059 ug/L
RT: 9.282 min Scan# 1213
Delta R.T. -0.049 min
Lab File: VW027801.D
Acq: 20 Dec 2023 01:07

Tgt Ion: 83 Resp: 3277
Ion Ratio Lower Upper
83 100
55 0.0 55.1 82.7#
98 0.0 39.3 58.9#





#37

1,2-Dichloropropane

Concen: 2.464 ug/L

RT: 9.276 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW027801.D

Acq: 20 Dec 2023 01:07

Instrument :

MSVOA_W

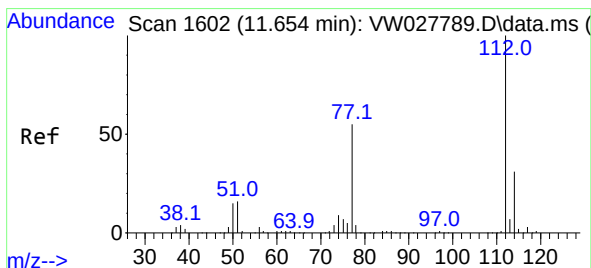
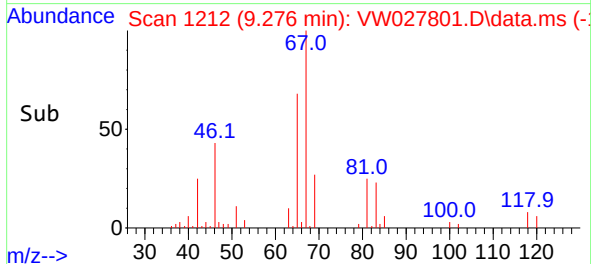
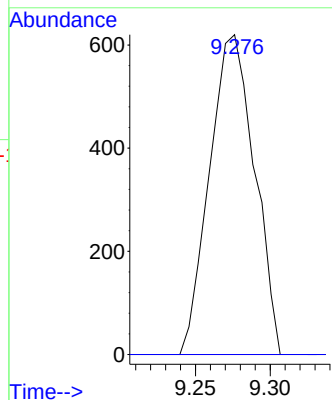
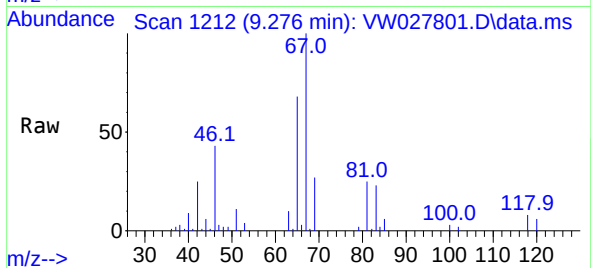
ClientSampleId :

Tgt Ion: 63 Resp: 1296

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#51

Chlorobenzene

Concen: 0.375 ug/L

RT: 11.660 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VW027801.D

Acq: 20 Dec 2023 01:07

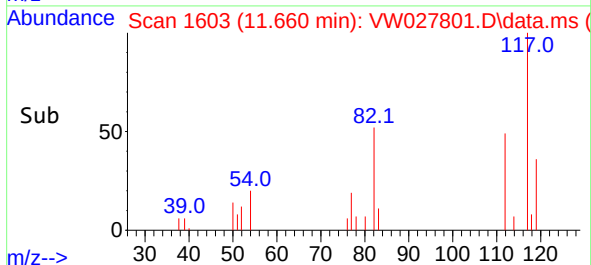
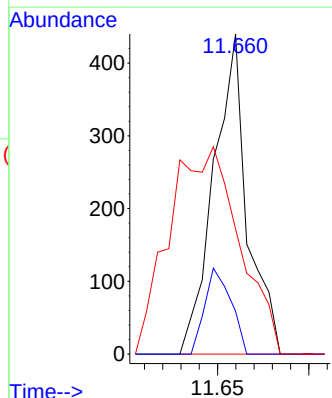
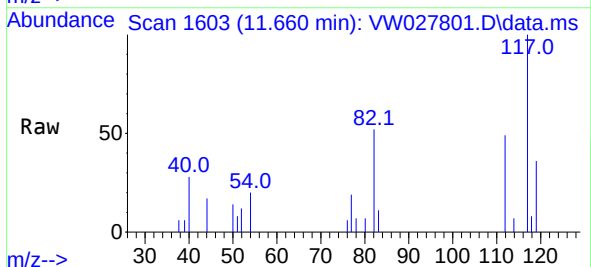
Tgt Ion: 112 Resp: 562

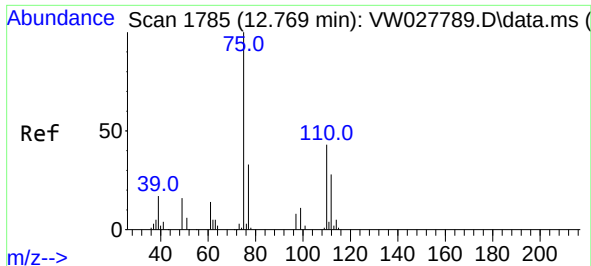
Ion Ratio Lower Upper

112 100

114 13.4 25.0 46.4#

77 39.1 48.1 72.1#





#61

1,2,3-Trichloropropane

Concen: 8.677 ug/L

RT: 13.556 min Scan# 1914

Delta R.T. 0.793 min

Lab File: VW027801.D

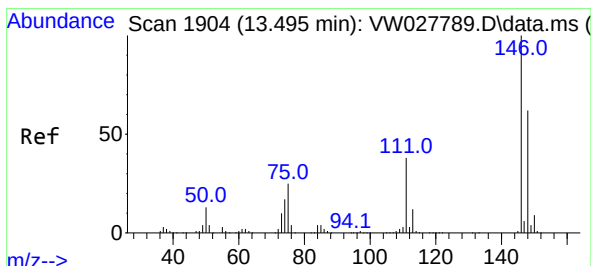
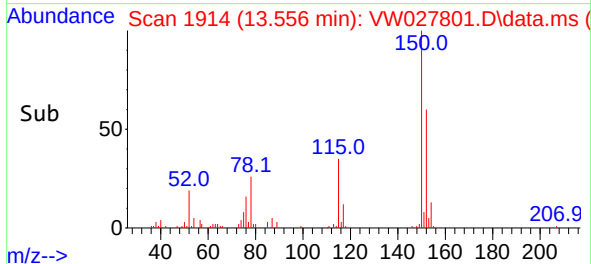
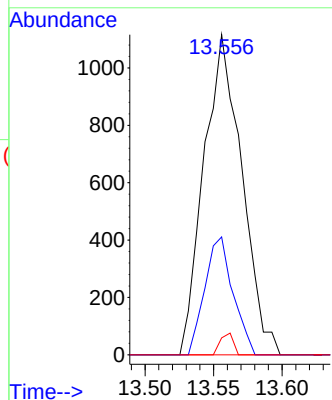
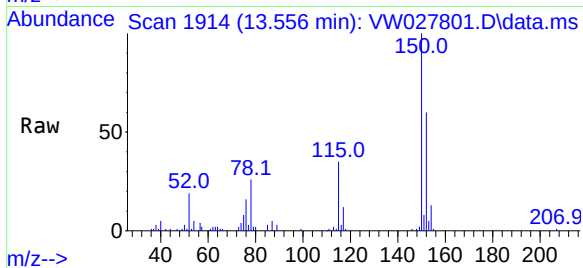
Acq: 20 Dec 2023 01:07

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 75	Resp: 2155
Ion Ratio	Lower Upper
75 100	
77 27.3	26.2 39.4
110 2.3	32.2 48.2#



#64

1,3-Dichlorobenzene

Concen: 1.848 ug/L

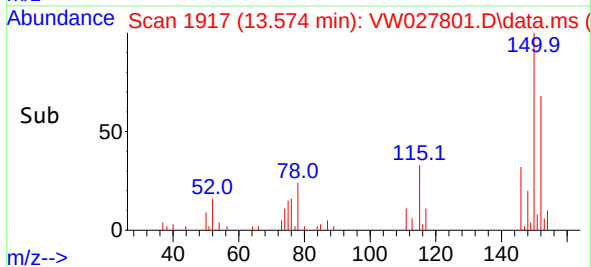
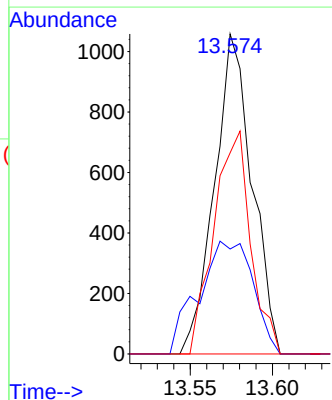
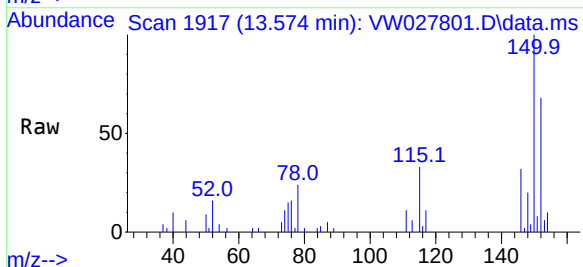
RT: 13.574 min Scan# 1917

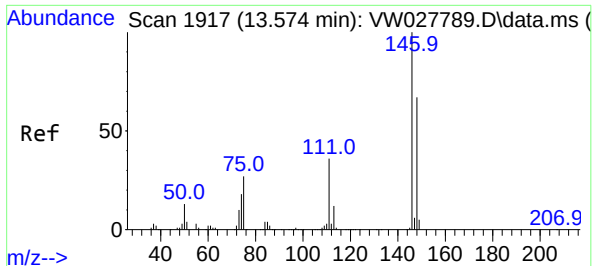
Delta R.T. 0.079 min

Lab File: VW027801.D

Acq: 20 Dec 2023 01:07

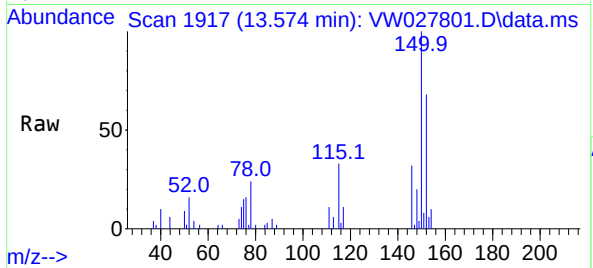
Tgt Ion: 146	Resp: 1679
Ion Ratio	Lower Upper
146 100	
111 32.8	31.1 57.7
148 62.9	52.6 97.8



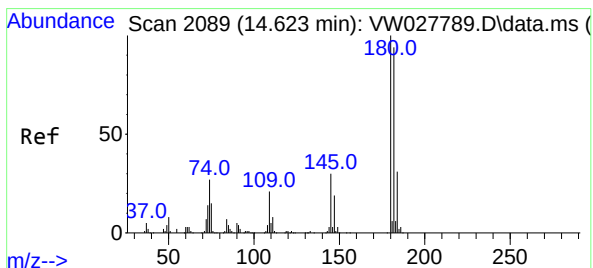
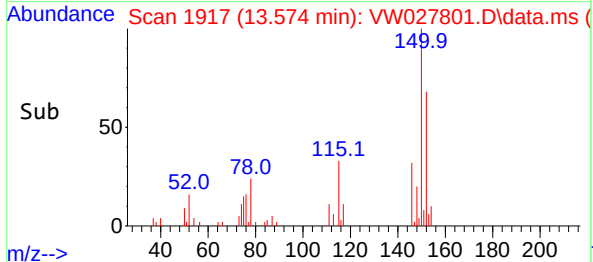
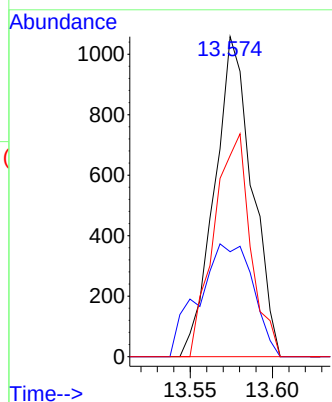


#65
1,4-Dichlorobenzene
Concen: 1.839 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027801.D
Acq: 20 Dec 2023 01:07

Instrument :
MSVOA_W
ClientSampleId :

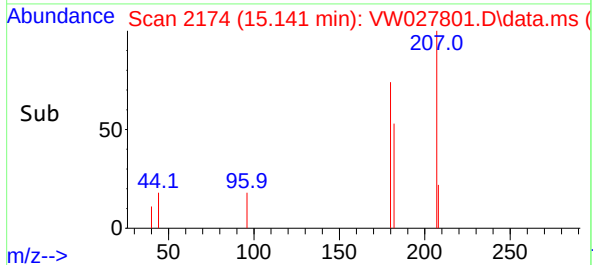
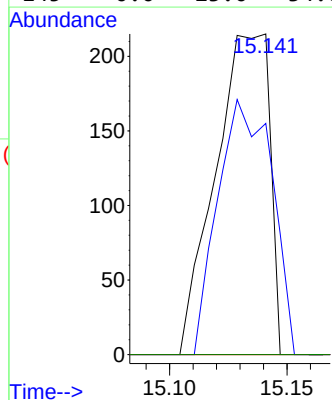
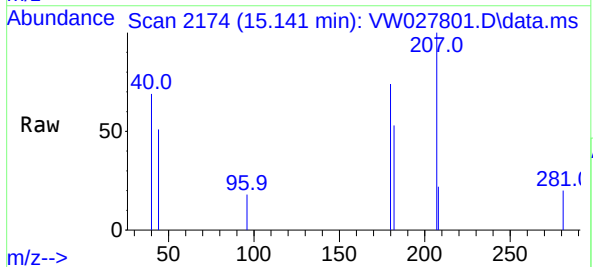


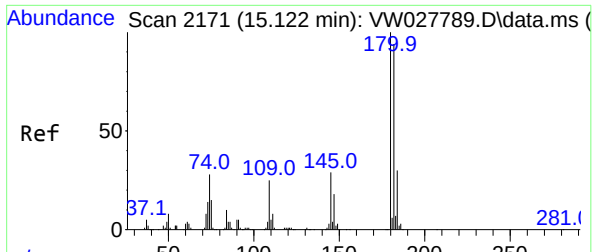
Tgt Ion:146 Resp: 1679
Ion Ratio Lower Upper
146 100
111 32.8 26.2 48.6
148 62.9 46.3 85.9



#69
1,3,5-Trichlorobenzene
Concen: 0.546 ug/L
RT: 15.141 min Scan# 2174
Delta R.T. 0.524 min
Lab File: VW027801.D
Acq: 20 Dec 2023 01:07

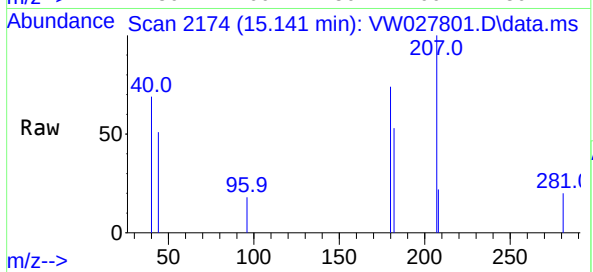
Tgt Ion:180 Resp: 345
Ion Ratio Lower Upper
180 100
182 79.4 72.6 109.0
184 0.0 23.0 34.6#
145 0.0 23.0 34.6#





#70
 1,2,4-trichlorobenzene
 Concen: 0.664 ug/L
 RT: 15.141 min Scan# 2174
 Delta R.T. 0.012 min
 Lab File: VW027801.D
 Acq: 20 Dec 2023 01:07

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	345
Ion	Ratio	Lower	Upper
180	100		
182	79.4	69.7	104.5
145	0.0	24.1	36.1

