

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100523\
 Data File : VW027232.D
 Acq On : 05 Oct 2023 13:07
 Operator : SY/MD
 Sample : 04747-06RE
 Misc : 5.92g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 06 01:25:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 04 22:49:04 2023
 Response via : Initial Calibration

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

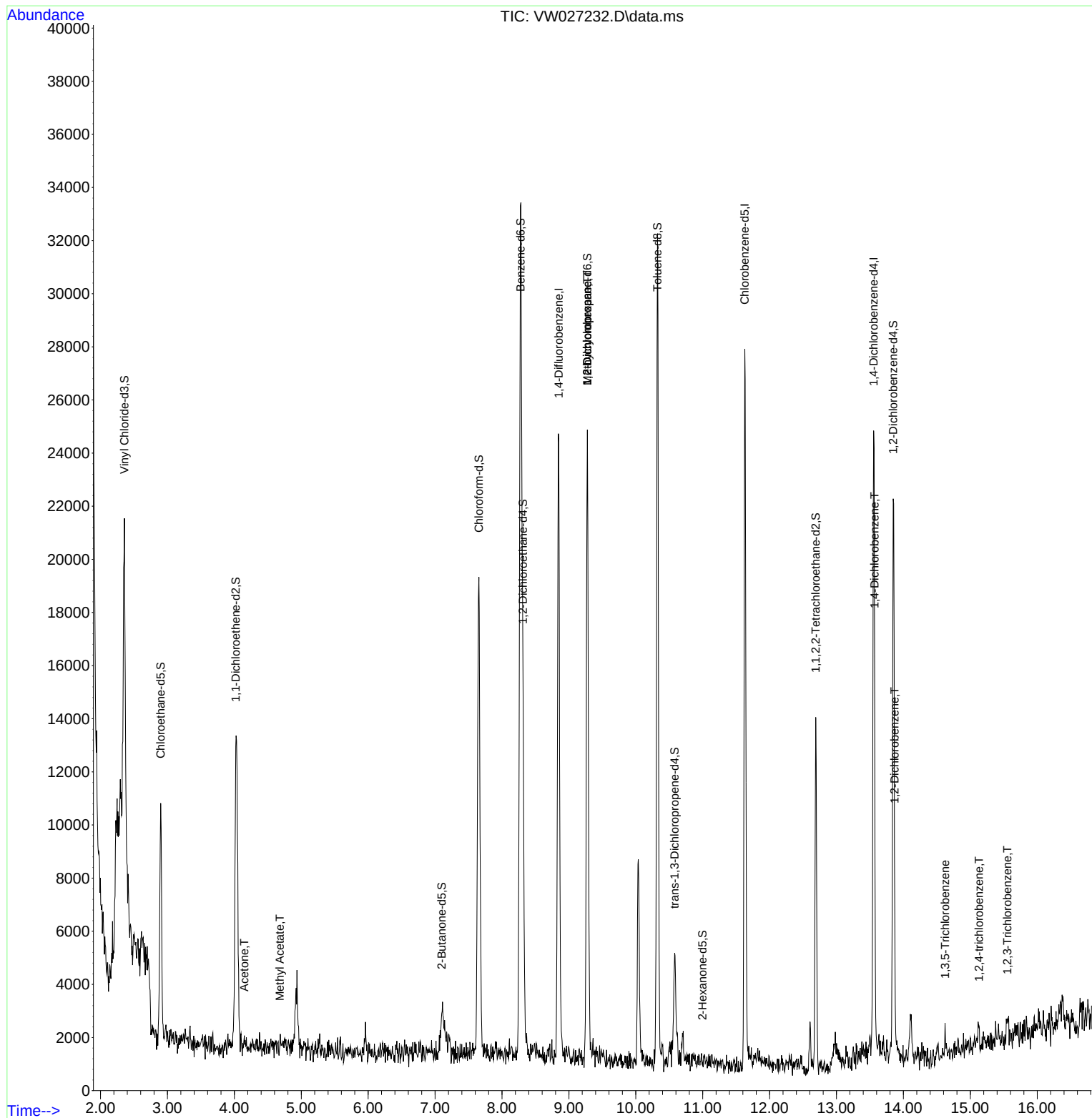
Internal Standards						
1) 1,4-Difluorobenzene	8.849	114	20200	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	15732	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	7112	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	10272	32.365	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	= 129.480%	
7) Chloroethane-d5	2.899	69	8947	35.668	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 142.680%	
11) 1,1-Dichloroethene-d2	4.021	65	2058	15.607	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 62.440%	
21) 2-Butanone-d5	7.100	46	2360	35.970	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	= 71.940%	
24) Chloroform-d	7.654	84	19126	32.352	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 129.400%	
26) 1,2-Dichloroethane-d4	8.313	65	9853	34.777	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 139.120%#	
32) Benzene-d6	8.276	84	34297	35.572	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 142.280%#	
36) 1,2-Dichloropropane-d6	9.276	67	11464	39.716	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 158.880%#	
41) Toluene-d8	10.325	98	21426	25.183	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 100.720%	
43) trans-1,3-Dichloroprop...	10.581	79	3037	26.810	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 107.240%	
47) 2-Hexanone-d5	10.995	63	91	2.061	ug/L	0.07
Spiked Amount	50.000	Range	20 - 135	Recovery	= 4.120%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	6552	29.660	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 118.640%	
66) 1,2-Dichlorobenzene-d4	13.848	152	6049	25.367	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 101.480%	
Target Compounds						Qvalue
13) Acetone	4.149	43	279	3.441	ug/L	63
15) Methyl Acetate	4.679	43	184	1.354	ug/L #	49
35) Methylcyclohexane	9.276	83	2646	5.418	ug/L #	20
37) 1,2-Dichloropropane	9.276	63	1158	4.042	ug/L #	86
65) 1,4-Dichlorobenzene	13.568	146	402	0.828	ug/L #	37
67) 1,2-Dichlorobenzene	13.867	146	284	0.670	ug/L #	59
69) 1,3,5-Trichlorobenzene	14.623	180	504	1.619	ug/L #	86
70) 1,2,4-trichlorobenzene	15.129	180	337	1.372	ug/L #	77
72) 1,2,3-Trichlorobenzene	15.555	180	419	1.922	ug/L #	82

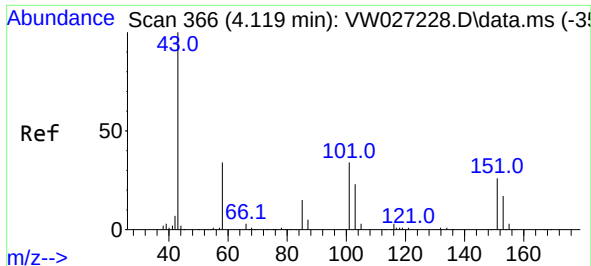
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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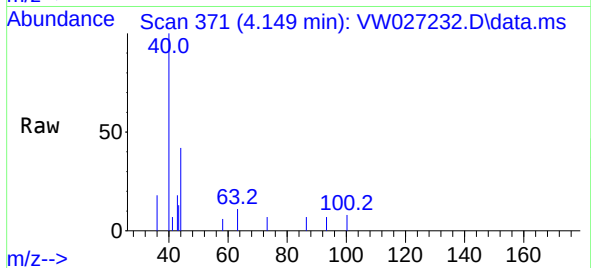
Quant Time: Oct 06 01:25:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
Quant Title : SFAM01.0
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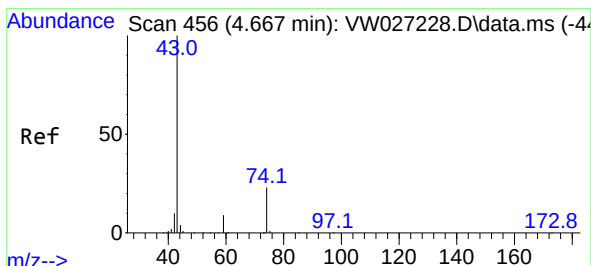
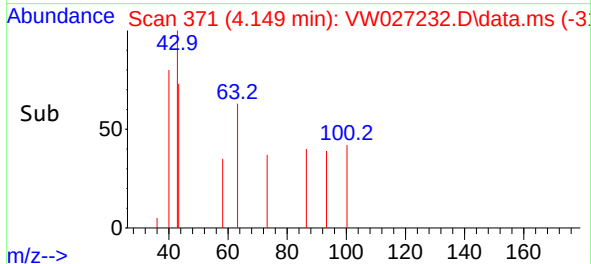
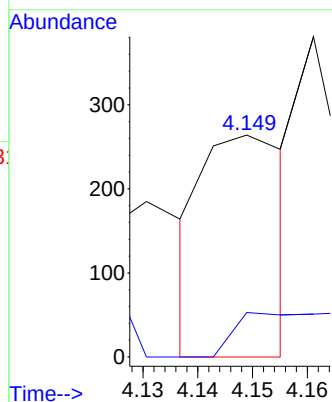


#13
Acetone
Concen: 3.441 ug/L
RT: 4.149 min Scan# 31
Delta R.T. 0.030 min
Lab File: VW027232.D
Acq: 05 Oct 2023 13:07

Instrument :
MSVOA_W
ClientSampleId :

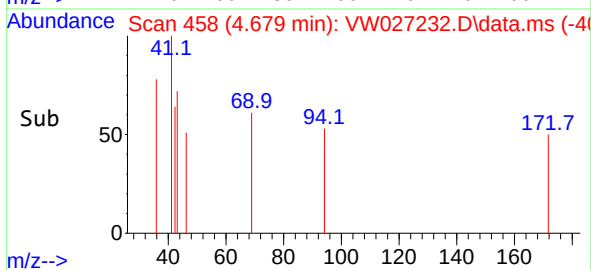
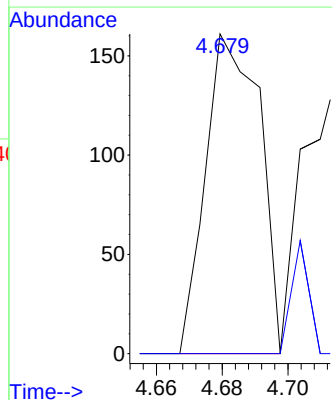
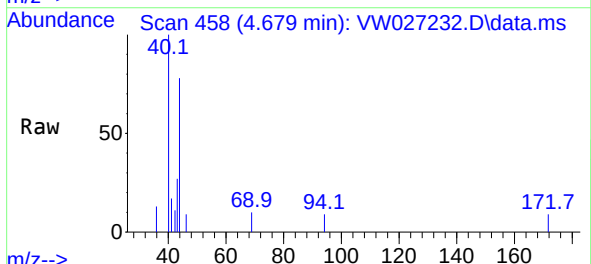


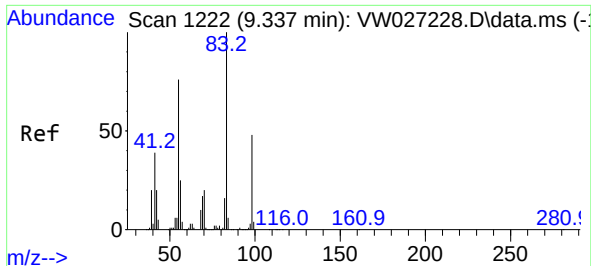
Tgt Ion: 43 Resp: 279
Ion Ratio Lower Upper
43 100
58 13.6 0.0 70.4



#15
Methyl Acetate
Concen: 1.354 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.012 min
Lab File: VW027232.D
Acq: 05 Oct 2023 13:07

Tgt Ion: 43 Resp: 184
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#





#35

Methylcyclohexane

Concen: 5.418 ug/L

RT: 9.276 min Scan# 11

Delta R.T. -0.061 min

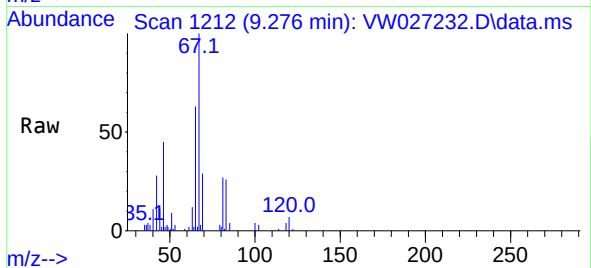
Lab File: VW027232.D

Acq: 05 Oct 2023 13:07

Instrument :

MSVOA_W

ClientSampleId :



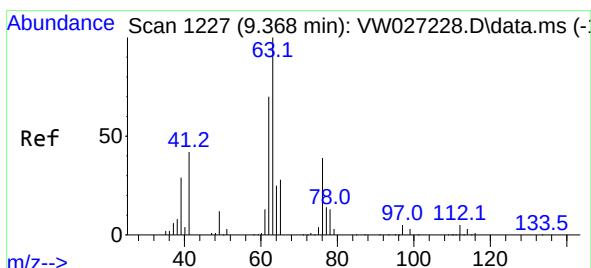
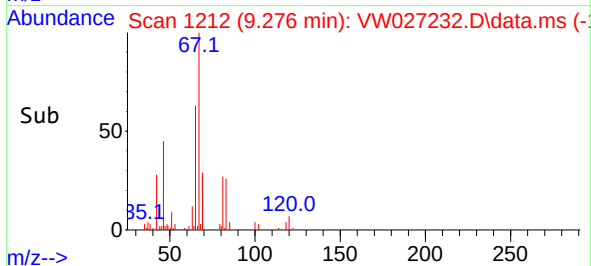
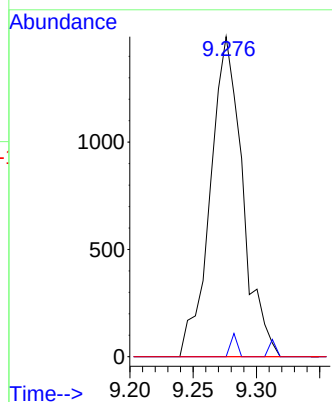
Tgt Ion: 83 Resp: 2646

Ion Ratio Lower Upper

83 100

55 1.5 59.1 88.7#

98 0.0 38.6 58.0#



#37

1,2-Dichloropropane

Concen: 4.042 ug/L

RT: 9.276 min Scan# 1212

Delta R.T. -0.092 min

Lab File: VW027232.D

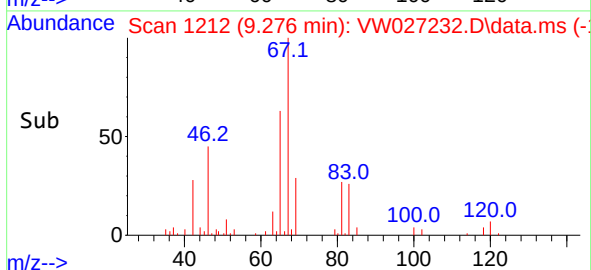
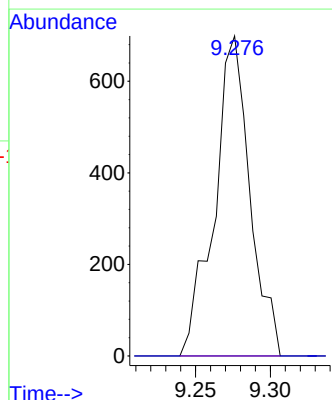
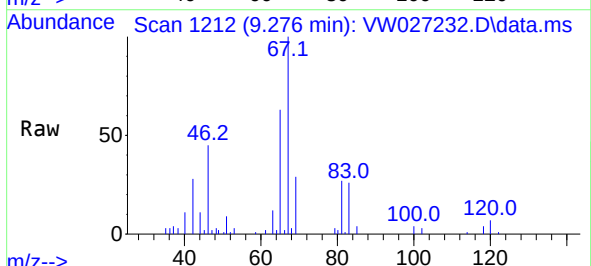
Acq: 05 Oct 2023 13:07

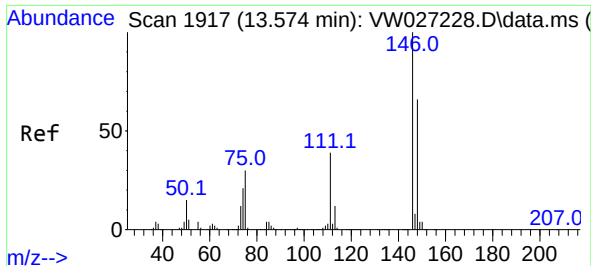
Tgt Ion: 63 Resp: 1158

Ion Ratio Lower Upper

63 100

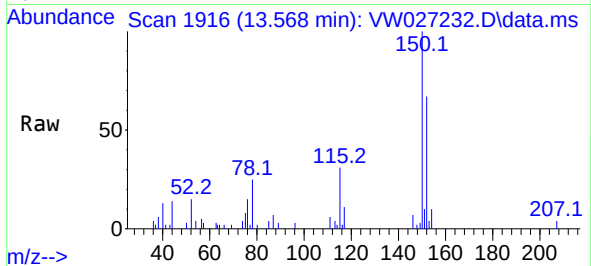
112 0.0 3.7 5.5#



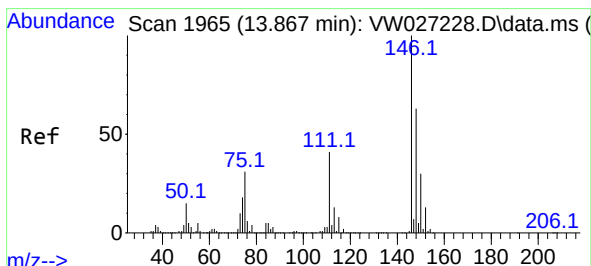
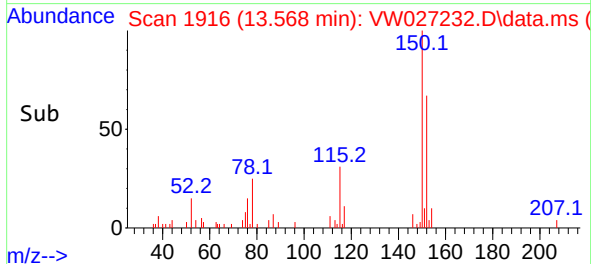
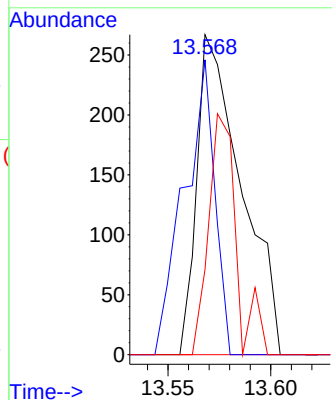


#65
1,4-Dichlorobenzene
Concen: 0.828 ug/L
RT: 13.568 min Scan# 1917
Delta R.T. -0.006 min
Lab File: VW027232.D
Acq: 05 Oct 2023 13:07

Instrument :
MSVOA_W
ClientSampleId :

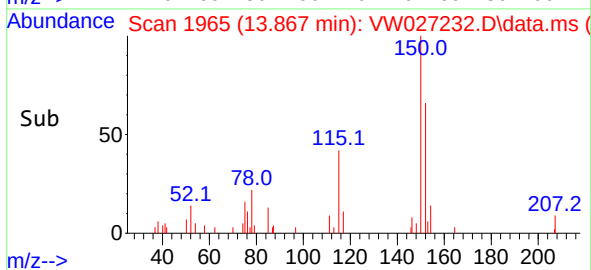
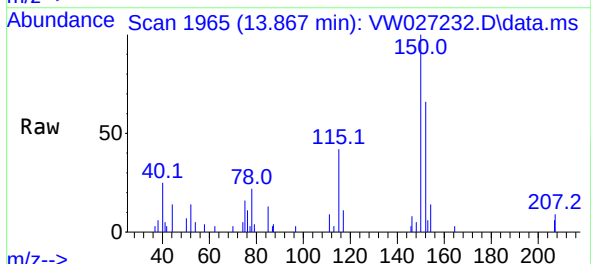
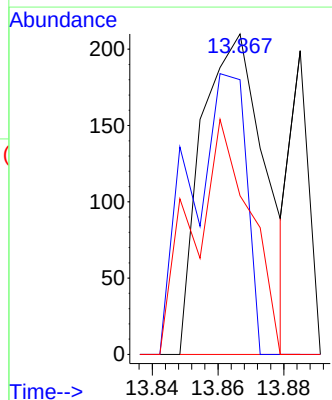


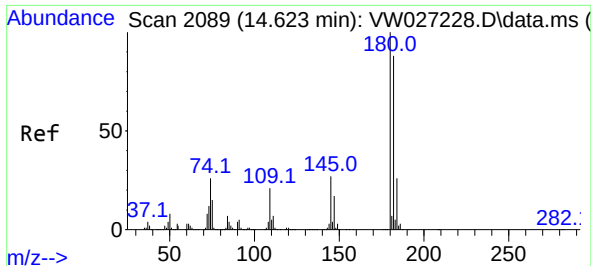
Tgt Ion:146 Resp: 402
Ion Ratio Lower Upper
146 100
111 92.1 26.9 50.1#
148 26.6 43.9 81.5#



#67
1,2-Dichlorobenzene
Concen: 0.670 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW027232.D
Acq: 05 Oct 2023 13:07

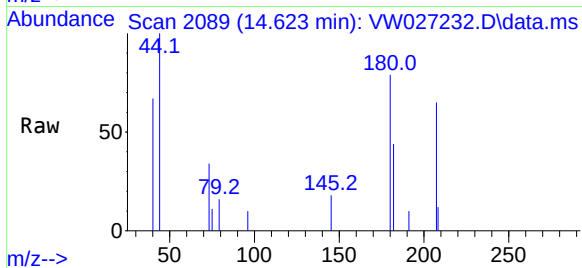
Tgt Ion:146 Resp: 284
Ion Ratio Lower Upper
146 100
111 85.7 35.6 53.4#
148 49.5 58.4 87.6#





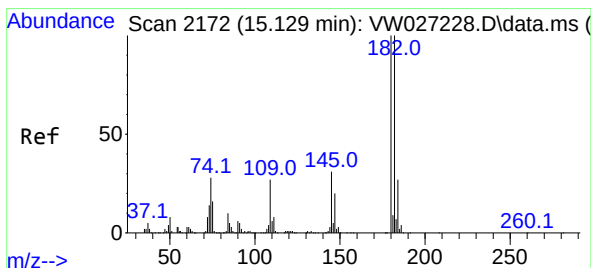
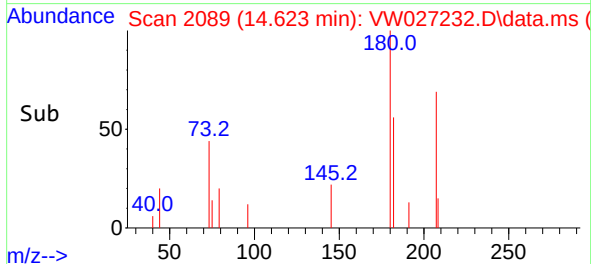
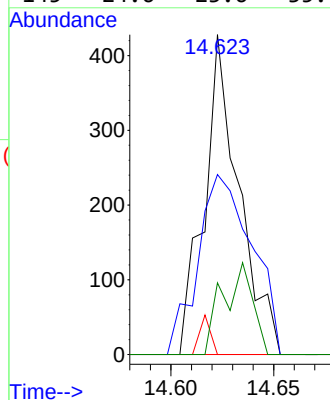
#69
 1,3,5-Trichlorobenzene
 Concen: 1.619 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. -0.006 min
 Lab File: VW027232.D
 Acq: 05 Oct 2023 13:07

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 504

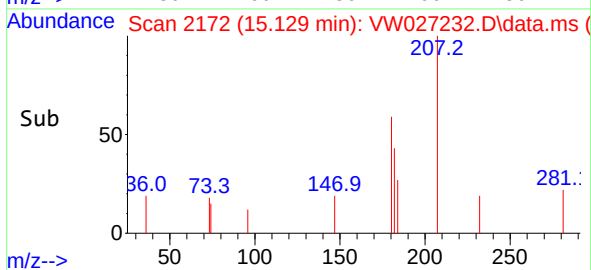
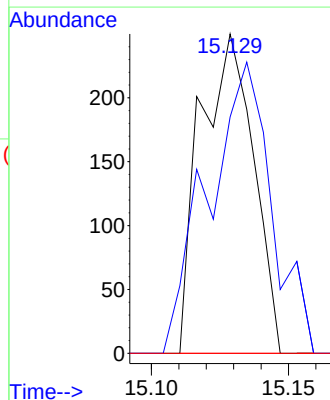
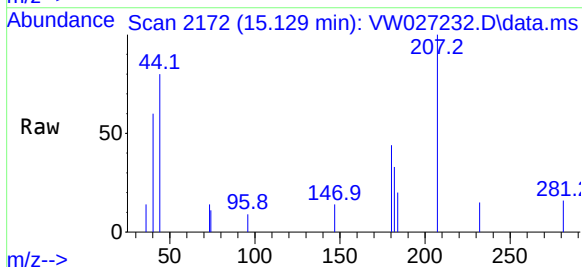
Ion	Ratio	Lower	Upper
180	100		
182	87.5	70.2	105.2
184	0.0	24.6	37.0#
145	24.6	23.6	35.4

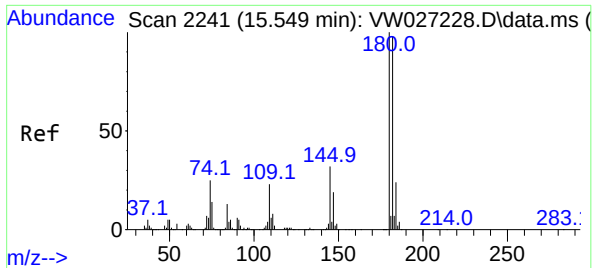


#70
 1,2,4-trichlorobenzene
 Concen: 1.372 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. -0.000 min
 Lab File: VW027232.D
 Acq: 05 Oct 2023 13:07

Tgt Ion:180 Resp: 337

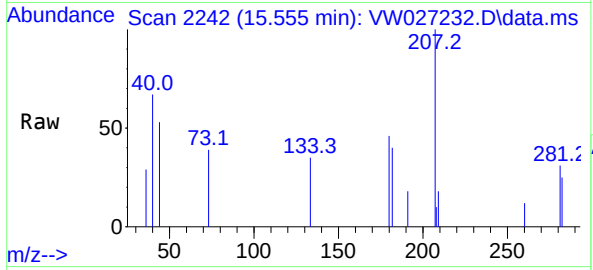
Ion	Ratio	Lower	Upper
180	100		
182	109.5	77.4	116.2
145	0.0	24.3	36.5#





#72
 1,2,3-Trichlorobenzene
 Concen: 1.922 ug/L
 RT: 15.555 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW027232.D
 Acq: 05 Oct 2023 13:07

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	419
Ion	Ratio	Lower	Upper
180	100		
182	85.7	74.7	112.1
145	6.4	26.4	39.6#

