

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122023\
 Data File : VW027810.D
 Acq On : 20 Dec 2023 15:07
 Operator : SY/MD
 Sample : 05835-20
 Misc : 5.62g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

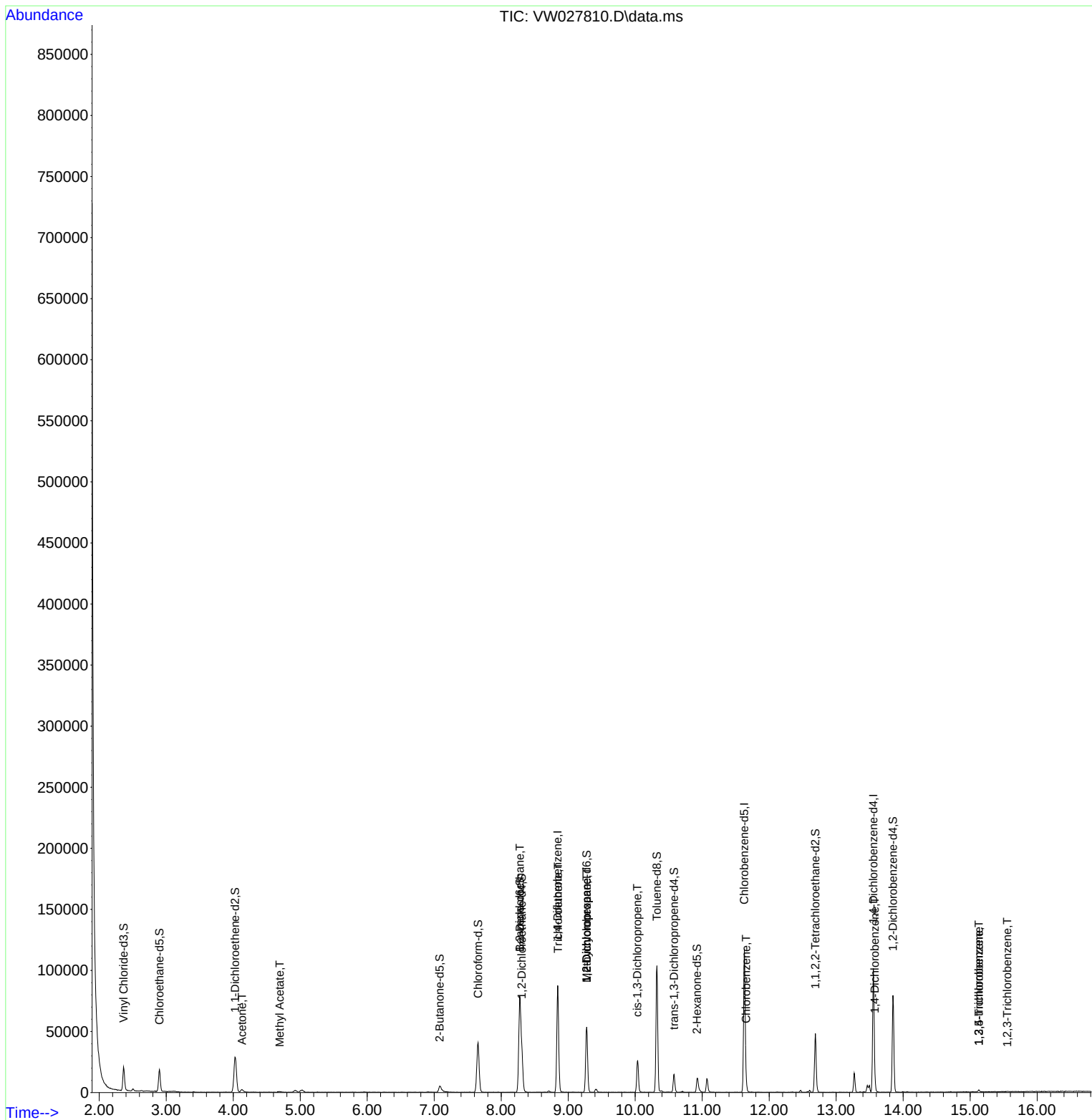
Quant Time: Dec 20 23:16:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

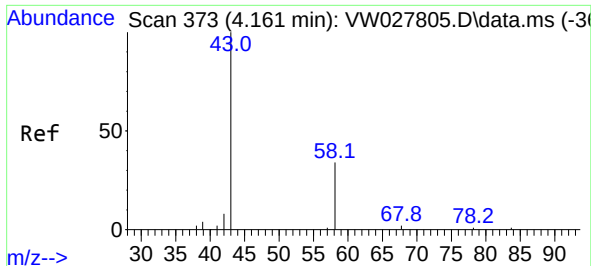
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	78562	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	70223	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	27529	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	21965	19.742	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.960%
7) Chloroethane-d5	2.899	69	19080	22.025	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.120%
11) 1,1-Dichloroethene-d2	4.027	65	8890	19.951	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.800%
21) 2-Butanone-d5	7.081	46	9139	48.237	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.480%
24) Chloroform-d	7.654	84	43548	23.295	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	8.307	65	22543	25.683	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.720%
32) Benzene-d6	8.276	84	86814	21.153	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	9.276	67	26659	22.928	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.720%
41) Toluene-d8	10.325	98	75241	19.760	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.040%
43) trans-1,3-Dichloroprop...	10.581	79	8756	19.450	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.800%
47) 2-Hexanone-d5	10.922	63	4324	25.519	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	22960	26.112	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.440%
66) 1,2-Dichlorobenzene-d4	13.849	152	22730	23.066	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.280%
Target Compounds						Qvalue
13) Acetone	4.131	43	3863	22.461	ug/L	100
15) Methyl Acetate	4.692	43	831	2.674	ug/L #	74
27) 1,2-Dichloroethane	8.276	62	452	0.452	ug/L #	73
34) Trichloroethene	8.849	95	2240	2.019	ug/L #	3
35) Methylcyclohexane	9.276	83	6559	3.277	ug/L #	22
37) 1,2-Dichloropropane	9.276	63	2742	2.790	ug/L #	85
39) cis-1,3-Dichloropropene	10.032	75	654	0.437	ug/L	86
51) Chlorobenzene	11.654	112	3898	1.393	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	4232	2.509	ug/L	92
69) 1,3,5-Trichlorobenzene	15.129	180	632	0.541	ug/L	90
70) 1,2,4-trichlorobenzene	15.129	180	632	0.659	ug/L #	85
72) 1,2,3-Trichlorobenzene	15.556	180	266	0.332	ug/L #	69

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

Quant Time: Dec 20 23:16:47 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

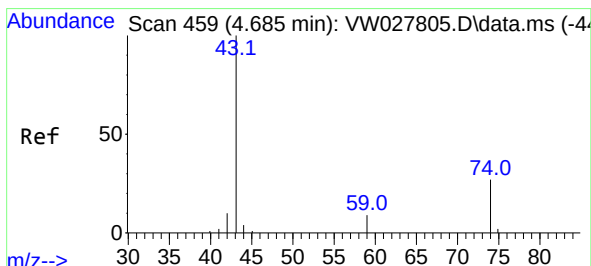
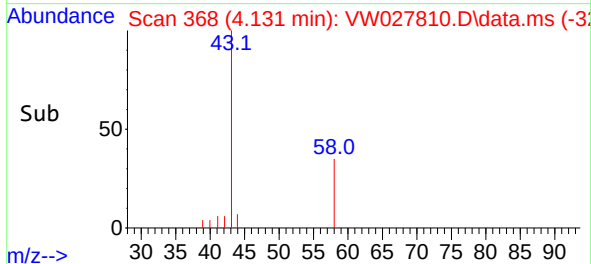
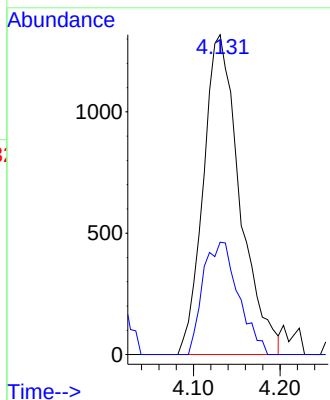
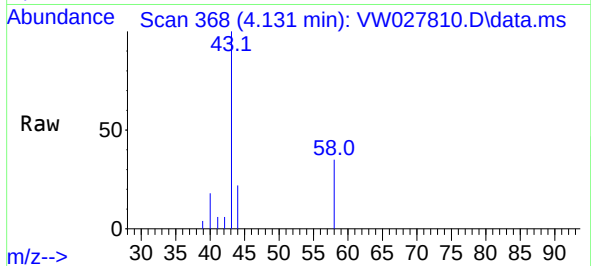




#13
Acetone
Concen: 22.461 ug/L
RT: 4.131 min Scan# 30
Delta R.T. -0.055 min
Lab File: VW027810.D
Acq: 20 Dec 2023 15:07

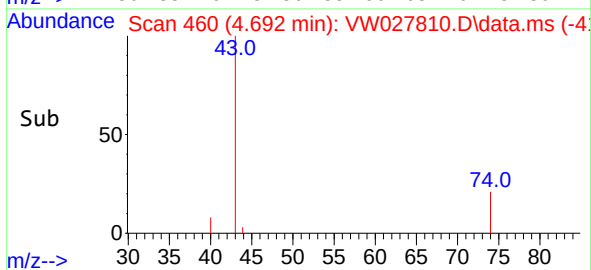
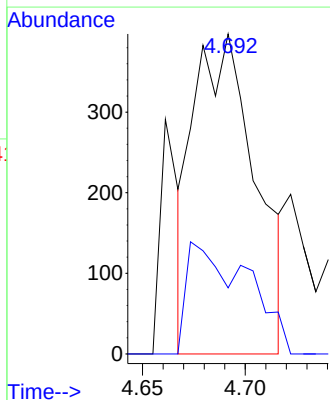
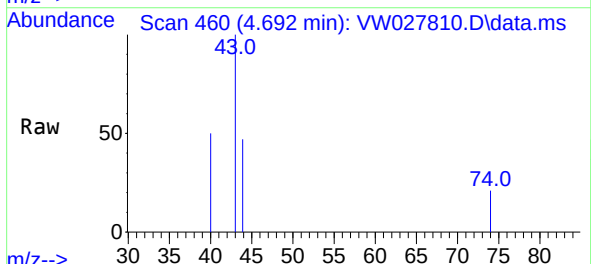
Instrument :
MSVOA_W
ClientSampleId :

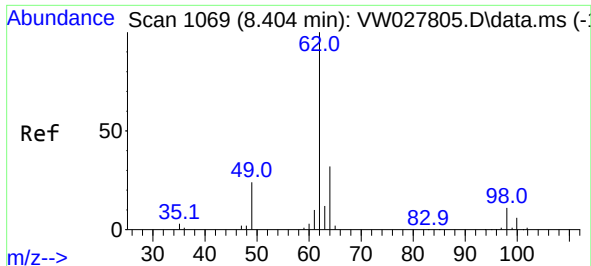
Tgt Ion: 43 Resp: 3863
Ion Ratio Lower Upper
43 100
58 34.1 0.0 68.6



#15
Methyl Acetate
Concen: 2.674 ug/L
RT: 4.692 min Scan# 460
Delta R.T. -0.006 min
Lab File: VW027810.D
Acq: 20 Dec 2023 15:07

Tgt Ion: 43 Resp: 831
Ion Ratio Lower Upper
43 100
74 14.0 22.1 33.1#





#27

1,2-Dichloroethane

Concen: 0.452 ug/L

RT: 8.276 min Scan# 1104

Delta R.T. -0.122 min

Lab File: VW027810.D

Acq: 20 Dec 2023 15:07

Instrument :

MSVOA_W

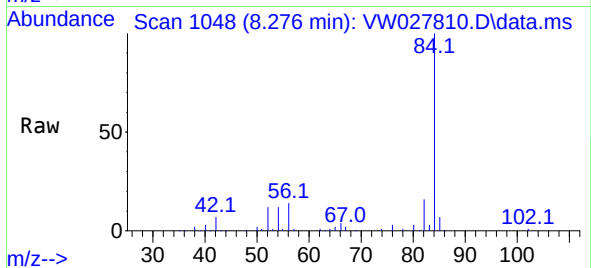
ClientSampleId :

Tgt Ion: 62 Resp: 452

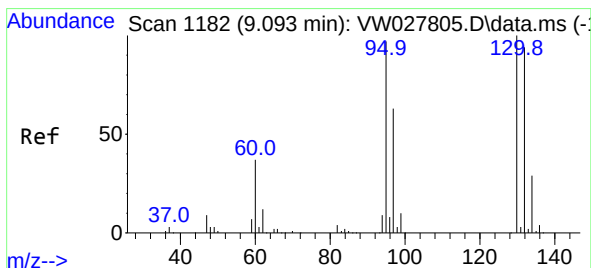
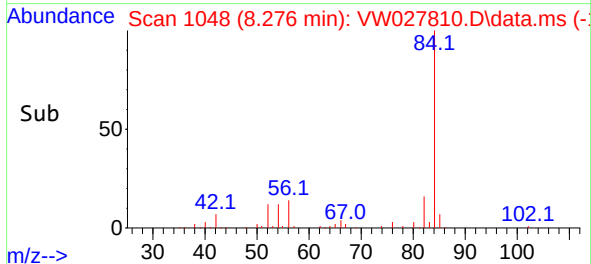
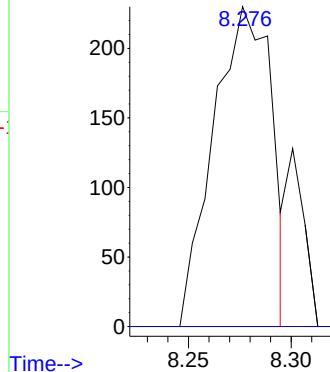
Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#



Abundance



#34

Trichloroethene

Concen: 2.019 ug/L

RT: 8.849 min Scan# 1142

Delta R.T. -0.238 min

Lab File: VW027810.D

Acq: 20 Dec 2023 15:07

Tgt Ion: 95 Resp: 2240

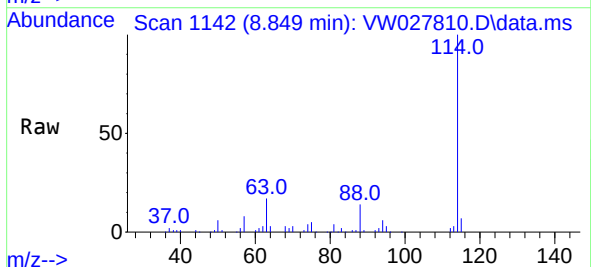
Ion Ratio Lower Upper

95 100

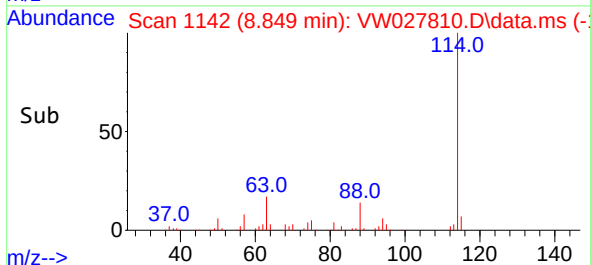
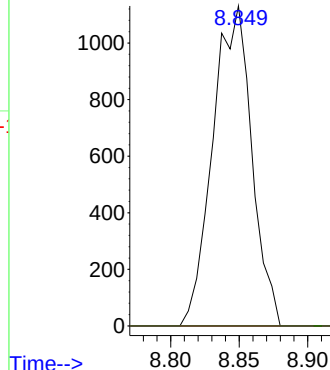
97 0.0 45.9 85.3#

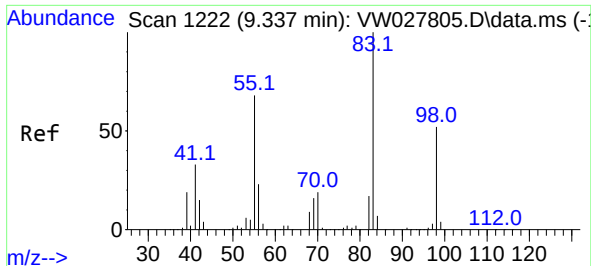
132 0.0 70.4 130.8#

130 0.0 74.8 139.0#



Abundance





#35

Methylcyclohexane

Concen: 3.277 ug/L

RT: 9.276 min Scan# 1121

Delta R.T. -0.055 min

Lab File: VW027810.D

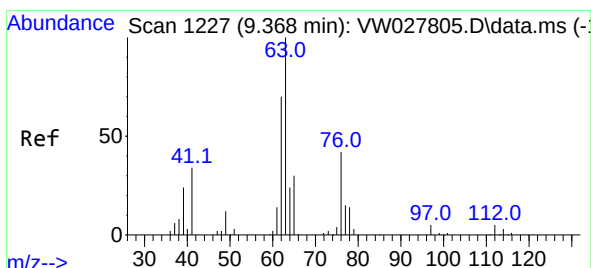
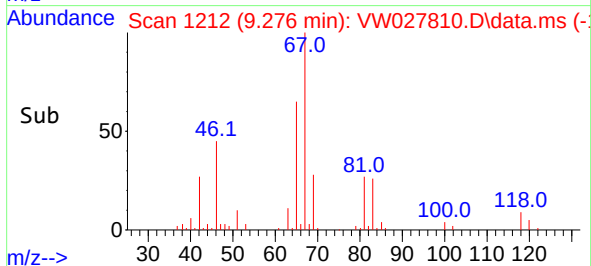
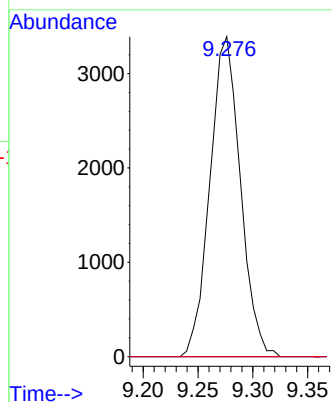
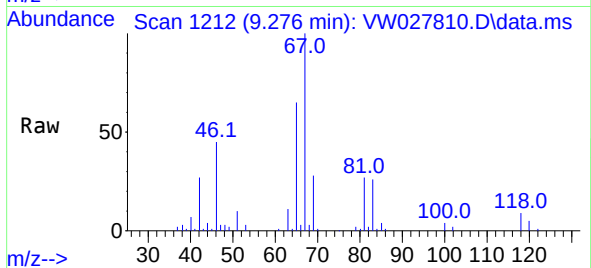
Acq: 20 Dec 2023 15:07

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 6559
Ion Ratio	Lower Upper
83 100	
55 2.3	55.1 82.7#
98 0.0	39.3 58.9#



#37

1,2-Dichloropropane

Concen: 2.790 ug/L

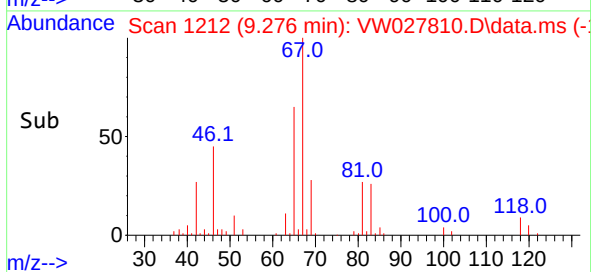
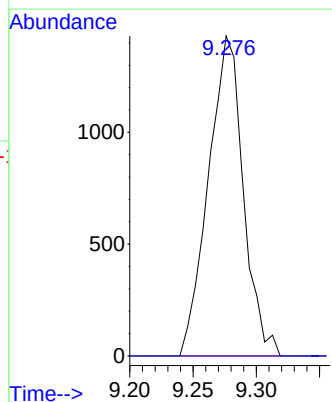
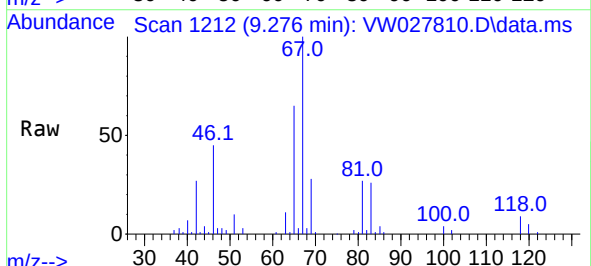
RT: 9.276 min Scan# 1212

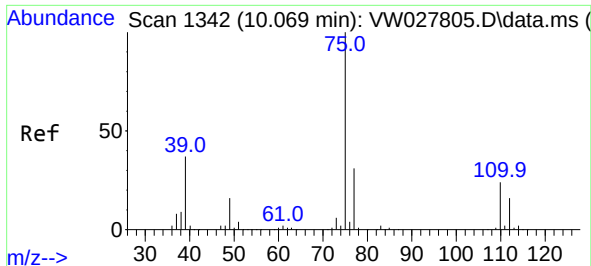
Delta R.T. -0.091 min

Lab File: VW027810.D

Acq: 20 Dec 2023 15:07

Tgt Ion: 63	Resp: 2742
Ion Ratio	Lower Upper
63 100	
112 0.0	3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.437 ug/L

RT: 10.032 min Scan# 1

Delta R.T. -0.037 min

Lab File: VW027810.D

Acq: 20 Dec 2023 15:07

Instrument :

MSVOA_W

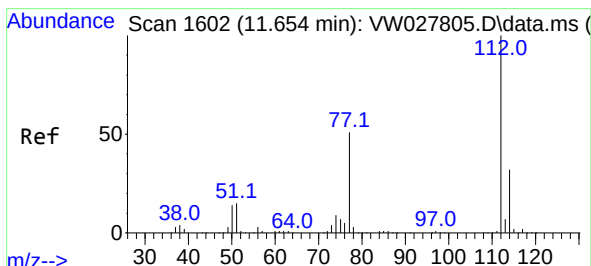
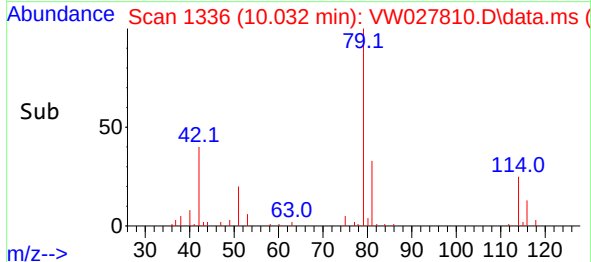
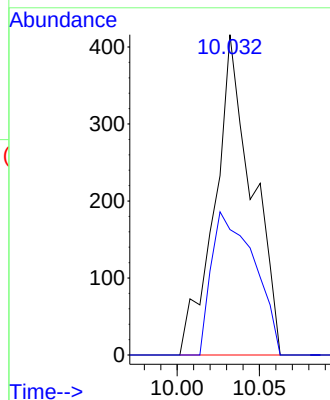
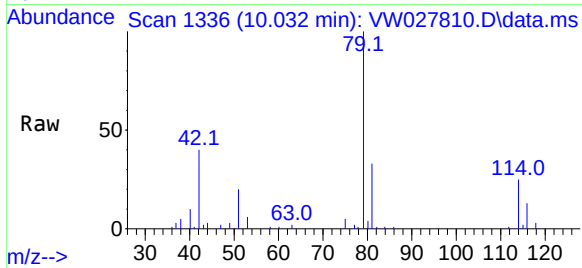
ClientSampleId :

Tgt Ion: 75 Resp: 654

Ion Ratio Lower Upper

75 100

77 39.2 21.8 40.6



#51

Chlorobenzene

Concen: 1.393 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW027810.D

Acq: 20 Dec 2023 15:07

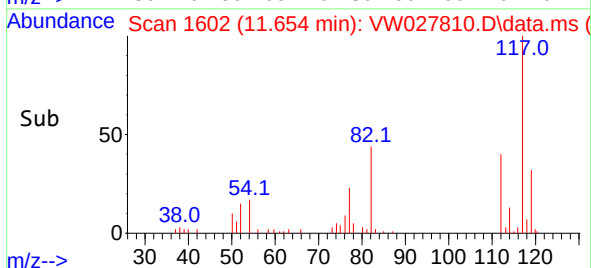
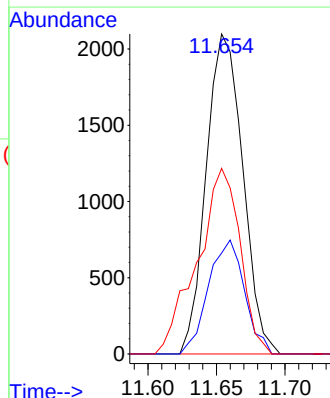
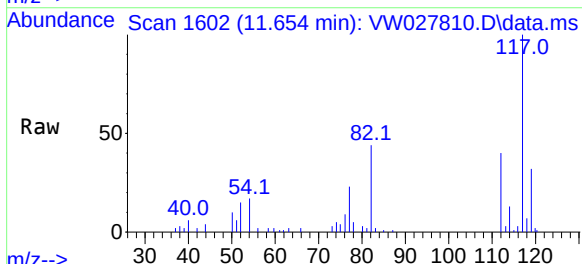
Tgt Ion: 112 Resp: 3898

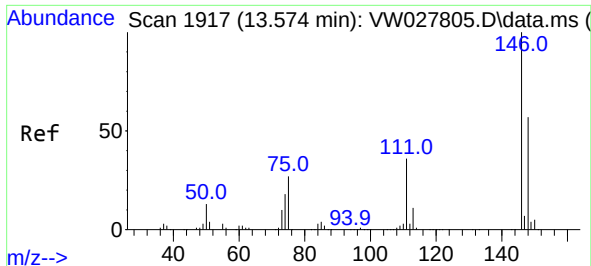
Ion Ratio Lower Upper

112 100

114 31.5 25.0 46.4

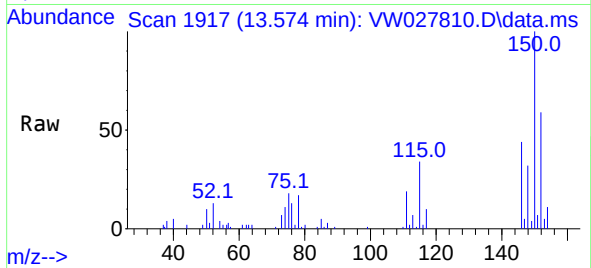
77 58.0 48.1 72.1





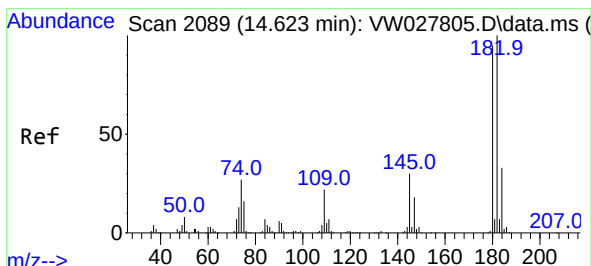
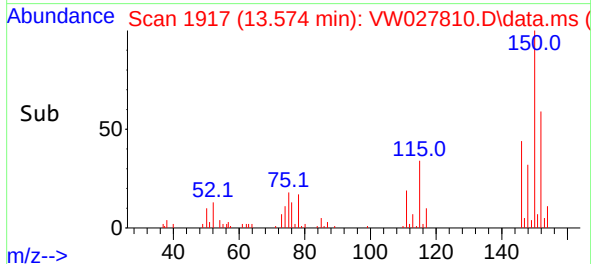
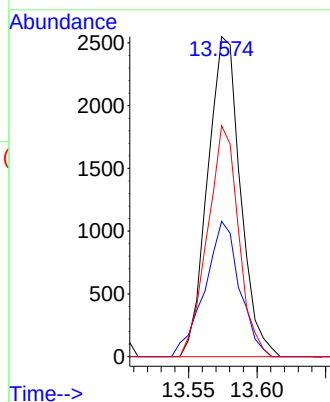
#65
1,4-Dichlorobenzene
Concen: 2.509 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027810.D
Acq: 20 Dec 2023 15:07

Instrument :
MSVOA_W
ClientSampleId :

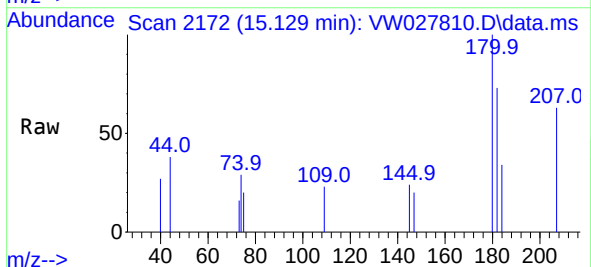


Tgt Ion:146 Resp: 4232

Ion	Ratio	Lower	Upper
146	100		
111	42.3	26.2	48.6
148	72.2	46.3	85.9

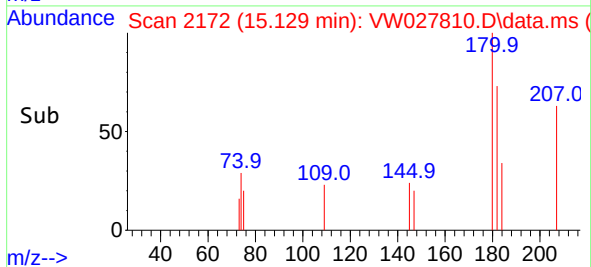
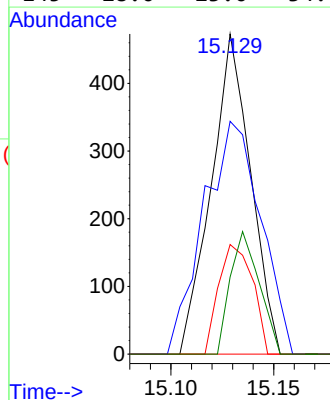


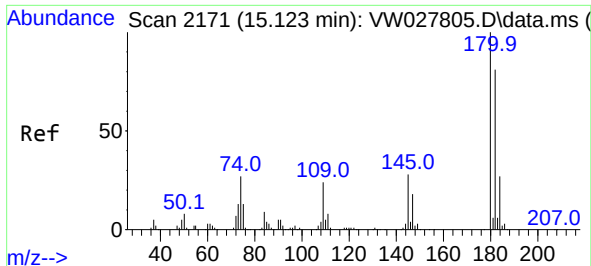
#69
1,3,5-Trichlorobenzene
Concen: 0.541 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.512 min
Lab File: VW027810.D
Acq: 20 Dec 2023 15:07



Tgt Ion:180 Resp: 632

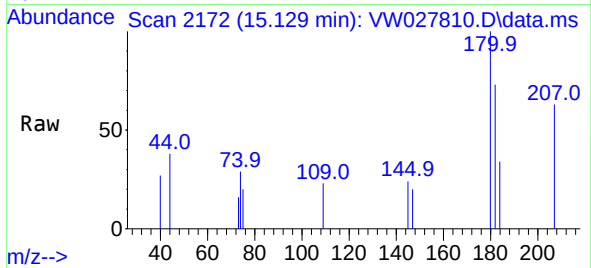
Ion	Ratio	Lower	Upper
180	100		
182	104.9	72.6	109.0
184	29.3	23.0	34.6
145	28.0	23.0	34.6



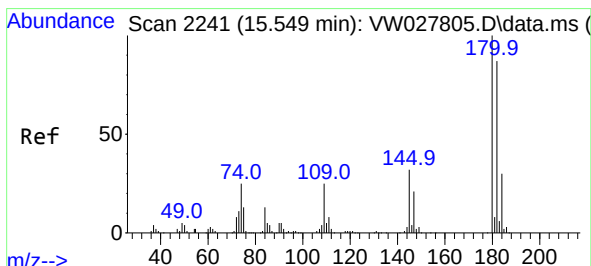
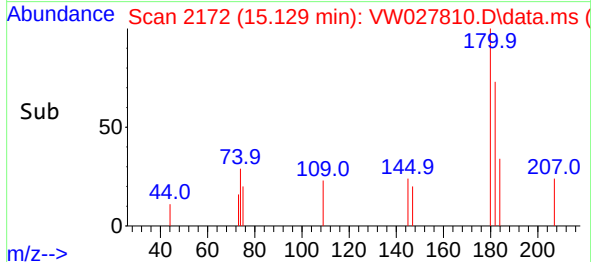
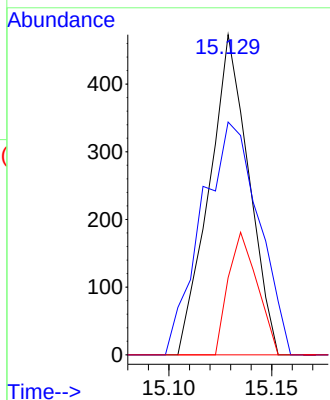


#70
1,2,4-trichlorobenzene
Concen: 0.659 ug/L
RT: 15.129 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VW027810.D
Acq: 20 Dec 2023 15:07

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:180 Resp: 632
Ion Ratio Lower Upper
180 100
182 104.9 69.7 104.5#
145 28.0 24.1 36.1



#72
1,2,3-Trichlorobenzene
Concen: 0.332 ug/L
RT: 15.556 min Scan# 2242
Delta R.T. 0.006 min
Lab File: VW027810.D
Acq: 20 Dec 2023 15:07

Tgt Ion:180 Resp: 266
Ion Ratio Lower Upper
180 100
182 72.6 75.5 113.3#
145 0.0 25.0 37.6#

