

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100523\
 Data File : VW027230.D
 Acq On : 05 Oct 2023 12:19
 Operator : SY/MD
 Sample : 04747-01RE
 Misc : 3.56g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 06 01:24:47 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	8.843	114	16731	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.635	117	16345	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	5834	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	9199	34.994	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	= 139.960%	
7) Chloroethane-d5	2.893	69	8602	41.403	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 165.600%#	
11) 1,1-Dichloroethene-d2	4.027	65	3240	29.666	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 118.680%#	
21) 2-Butanone-d5	7.081	46	146	2.687	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 5.380%#	
24) Chloroform-d	7.648	84	15653	31.967	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 127.880%	
26) 1,2-Dichloroethane-d4	8.306	65	8989	38.305	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 153.240%#	
32) Benzene-d6	8.270	84	26754	26.708	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 106.840%	
36) 1,2-Dichloropropane-d6	9.276	67	10545	35.162	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 140.640%#	
41) Toluene-d8	10.324	98	19219	21.742	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 86.960%	
43) trans-1,3-Dichloroprop...	10.586	79	2560	21.752	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	= 87.000%	
47) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	= 0.000%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	7191	31.332	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 125.320%#	
66) 1,2-Dichlorobenzene-d4	13.848	152	4939	25.249	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 101.000%	
Target Compounds						Qvalue
3) Chloromethane	2.332	50	219	0.746	ug/L	91
13) Acetone	4.136	43	662	9.858	ug/L	92
15) Methyl Acetate	4.685	43	234	2.079	ug/L #	86
16) Methylene chloride	4.917	84	1362	4.159	ug/L	95
35) Methylcyclohexane	9.270	83	2200	4.336	ug/L #	20
37) 1,2-Dichloropropane	9.276	63	1257	4.223	ug/L #	86
59) Bromoform	12.361	173	71	0.771	ug/L #	37
62) 1,3,5-Trimethylbenzene	12.940	105	450	0.668	ug/L #	80
63) 1,2,4-Trimethylbenzene	13.257	105	675	1.023	ug/L #	81
64) 1,3-Dichlorobenzene	13.501	146	675	1.702	ug/L #	79
65) 1,4-Dichlorobenzene	13.568	146	366	0.919	ug/L #	77
67) 1,2-Dichlorobenzene	13.879	146	718	2.066	ug/L #	41
69) 1,3,5-Trichlorobenzene	14.622	180	942	3.690	ug/L #	76
70) 1,2,4-trichlorobenzene	15.116	180	839	4.165	ug/L #	59
71) Naphthalene	15.360	128	650	1.829	ug/L #	81
72) 1,2,3-Trichlorobenzene	15.549	180	716	4.004	ug/L #	92

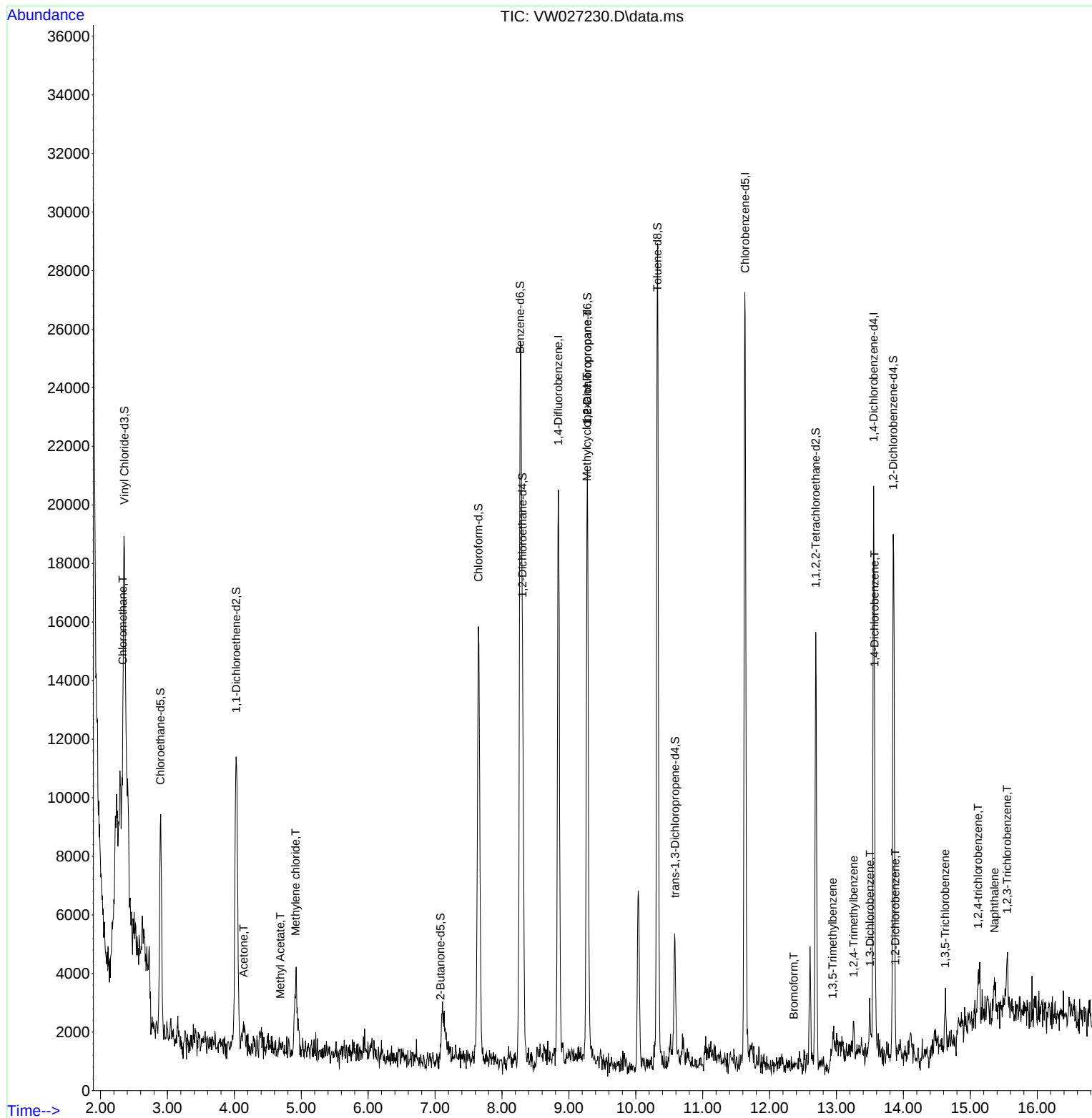
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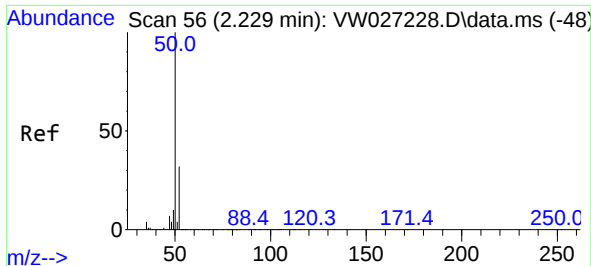
Instrument :
MSVOA_W
ClientSampleId :

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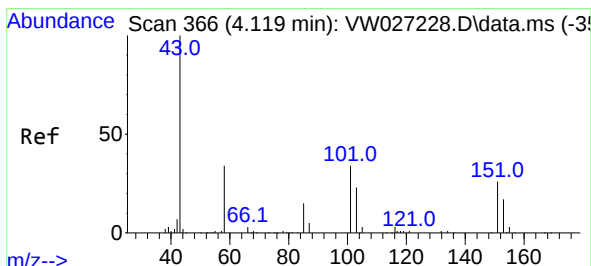
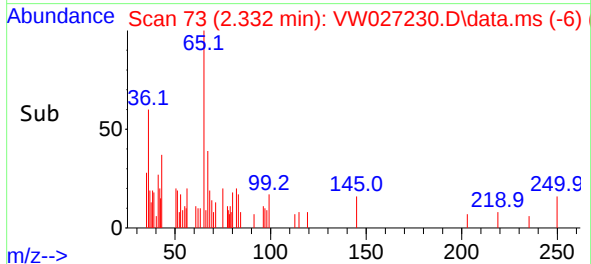
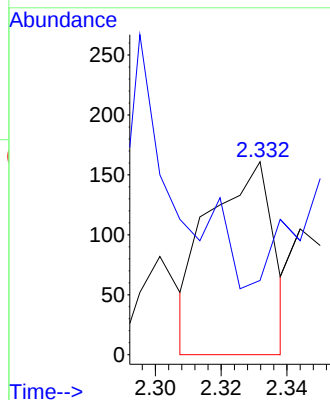
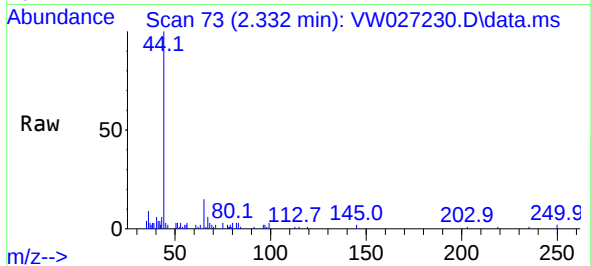




#3
Chloromethane
Concen: 0.746 ug/L
RT: 2.332 min Scan# 71
Delta R.T. 0.109 min
Lab File: VW027230.D
Acq: 05 Oct 2023 12:19

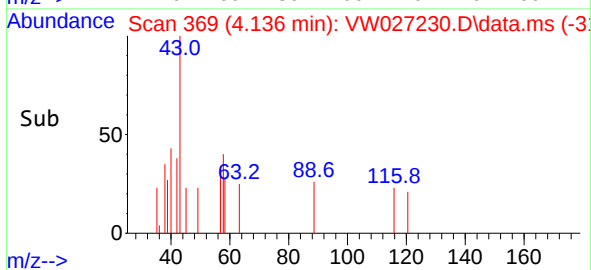
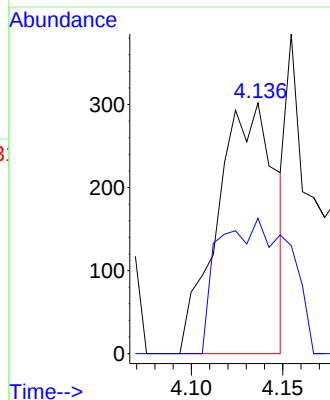
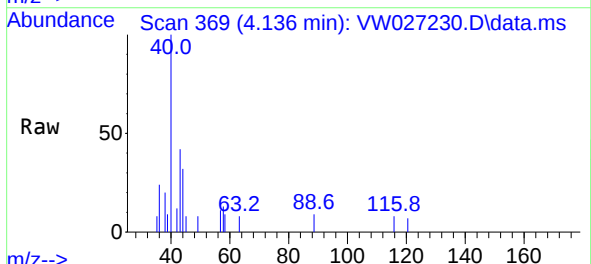
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MSVOA_W
ClientSampleId :

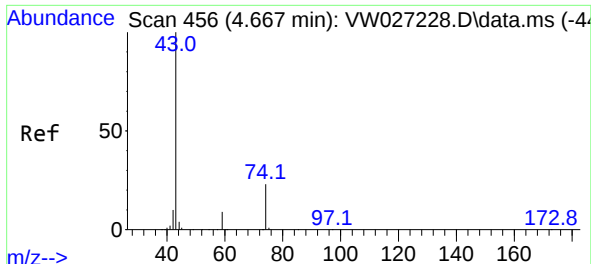
Tgt Ion: 50 Resp: 219
Ion Ratio Lower Upper
50 100
52 38.5 23.5 43.7



#13
Acetone
Concen: 9.858 ug/L
RT: 4.136 min Scan# 369
Delta R.T. 0.018 min
Lab File: VW027230.D
Acq: 05 Oct 2023 12:19

Tgt Ion: 43 Resp: 662
Ion Ratio Lower Upper
43 100
58 30.8 0.0 70.4

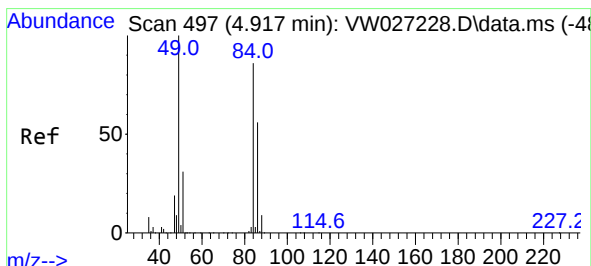
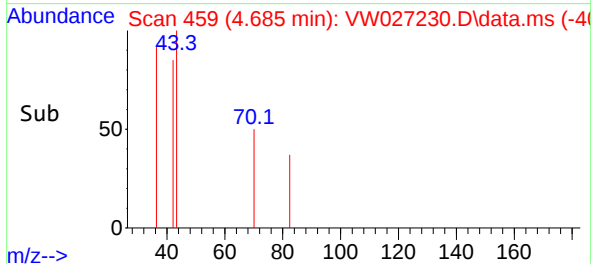
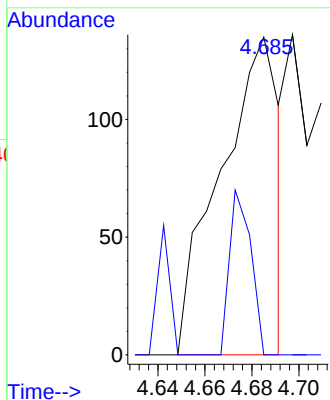
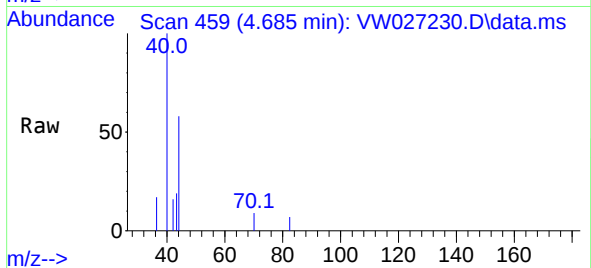




#15
Methyl Acetate
Concen: 2.079 ug/L
RT: 4.685 min Scan# 459
Delta R.T. 0.018 min
Lab File: VW027230.D
Acq: 05 Oct 2023 12:19

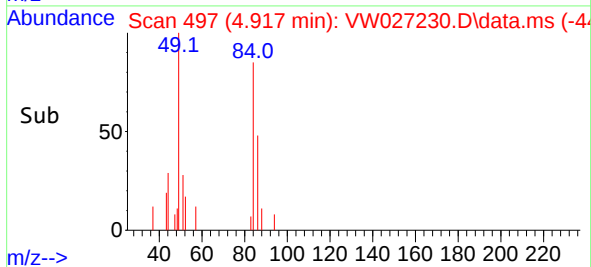
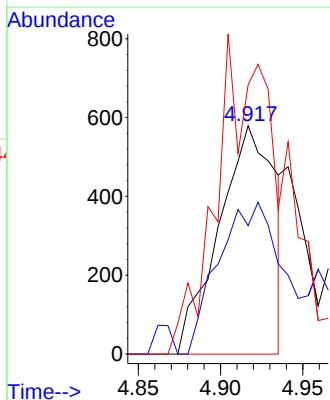
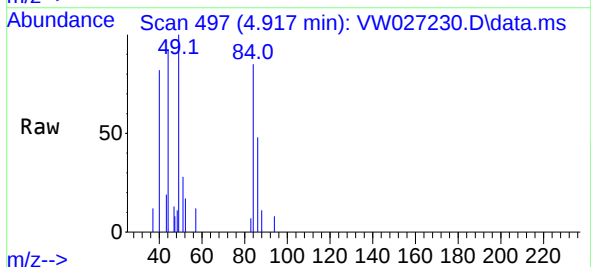
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MSVOA_W
ClientSampleId :

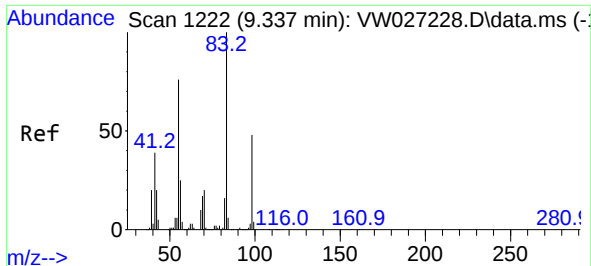
Tgt Ion: 43 Resp: 234
Ion Ratio Lower Upper
43 100
74 18.8 20.8 31.2#



#16
Methylene chloride
Concen: 4.159 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW027230.D
Acq: 05 Oct 2023 12:19

Tgt Ion: 84 Resp: 1362
Ion Ratio Lower Upper
84 100
86 56.3 45.1 83.9
49 118.0 80.9 150.3





#35

Methylcyclohexane

Concen: 4.336 ug/L

RT: 9.270 min Scan# 11

Delta R.T. -0.068 min

Lab File: VW027230.D

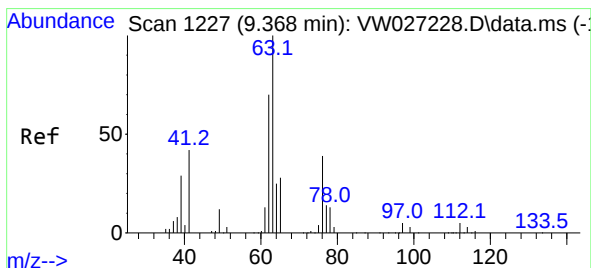
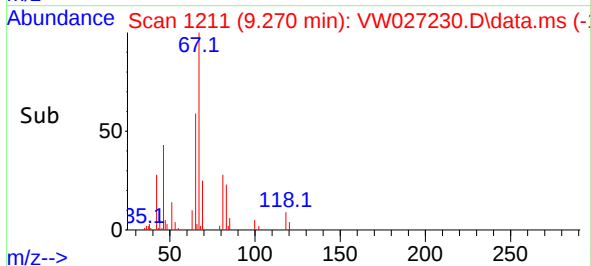
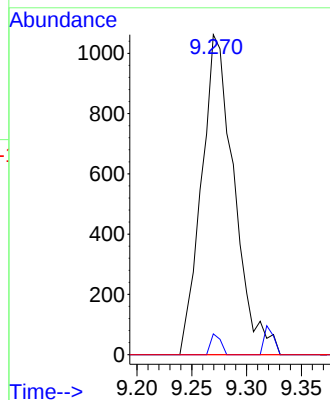
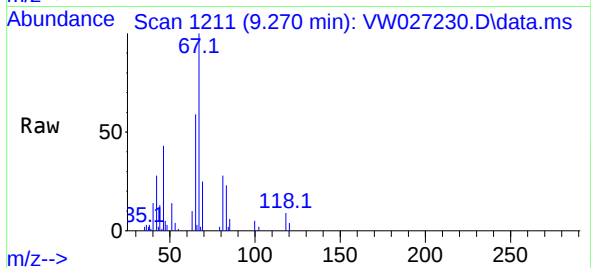
Acq: 05 Oct 2023 12:19

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 2200
Ion Ratio	Lower Upper
83 100	
55 2.0	59.1 88.7#
98 0.0	38.6 58.0#



#37

1,2-Dichloropropane

Concen: 4.223 ug/L

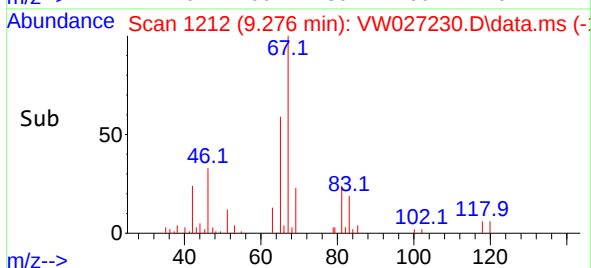
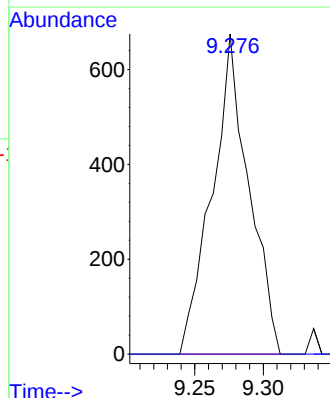
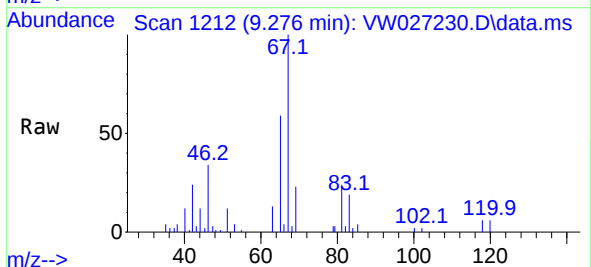
RT: 9.276 min Scan# 1212

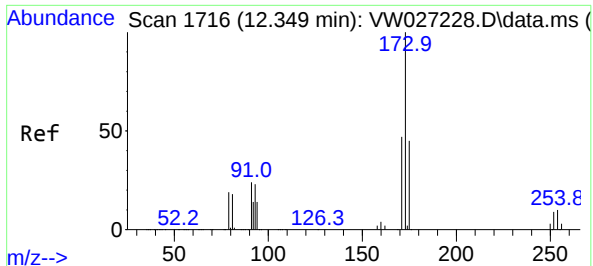
Delta R.T. -0.092 min

Lab File: VW027230.D

Acq: 05 Oct 2023 12:19

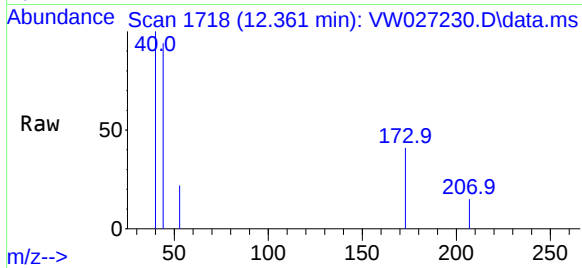
Tgt Ion: 63	Resp: 1257
Ion Ratio	Lower Upper
63 100	
112 0.0	3.7 5.5#



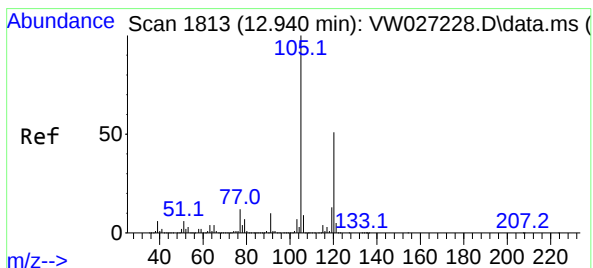
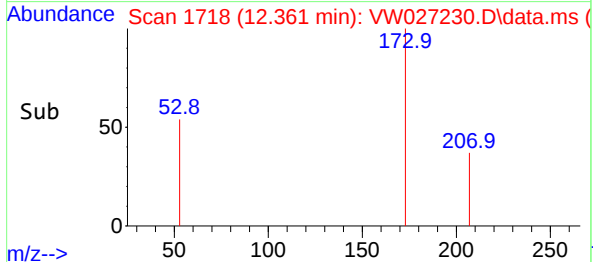
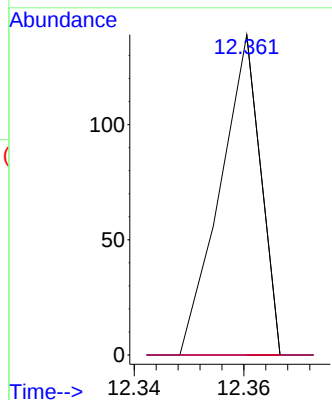


#59
Bromoform
Concen: 0.771 ug/L
RT: 12.361 min Scan# 11
Delta R.T. 0.012 min
Lab File: VW027230.D
Acq: 05 Oct 2023 12:19

Instrument :
MSVOA_W
ClientSampleId :

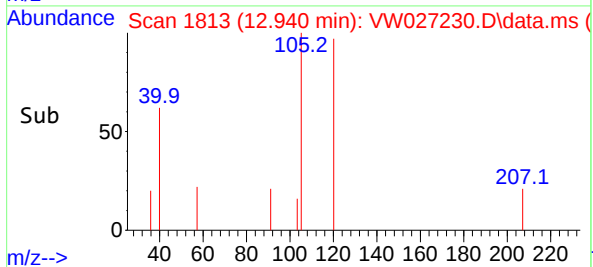
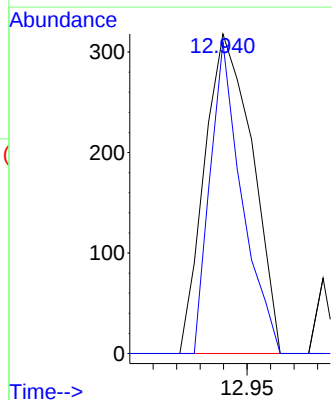
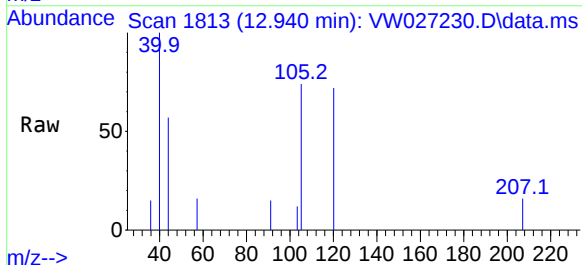


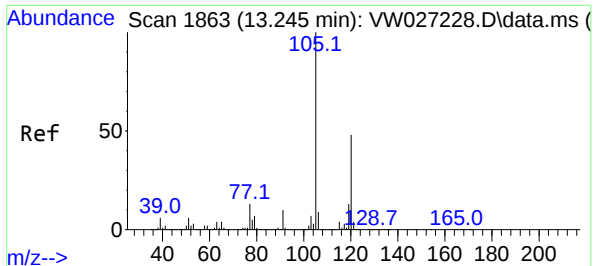
Tgt Ion:173 Resp: 71
Ion Ratio Lower Upper
173 100
175 0.0 37.1 55.7#
254 0.0 7.2 10.8#



#62
1,3,5-Trimethylbenzene
Concen: 0.668 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027230.D
Acq: 05 Oct 2023 12:19

Tgt Ion:105 Resp: 450
Ion Ratio Lower Upper
105 100
120 65.1 40.8 61.2#





#63

1,2,4-Trimethylbenzene

Concen: 1.023 ug/L

RT: 13.257 min Scan# 11

Delta R.T. 0.012 min

Lab File: VW027230.D

Acq: 05 Oct 2023 12:19

Instrument :

MSVOA_W

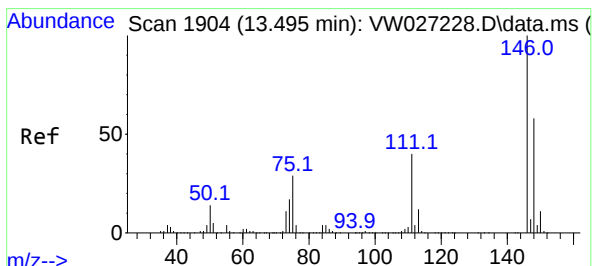
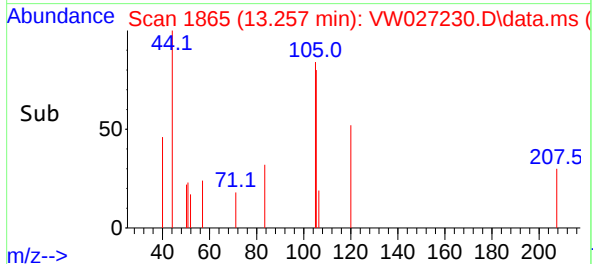
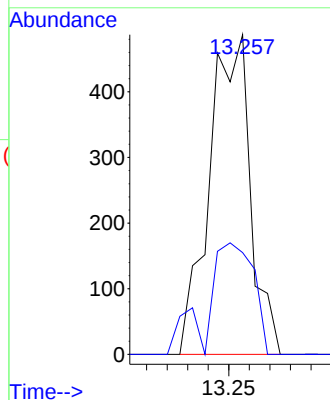
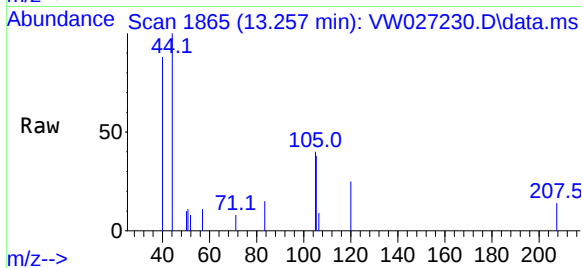
ClientSampleId :

Tgt Ion:105 Resp: 675

Ion Ratio Lower Upper

105 100

120 33.2 36.8 55.2#



#64

1,3-Dichlorobenzene

Concen: 1.702 ug/L

RT: 13.501 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VW027230.D

Acq: 05 Oct 2023 12:19

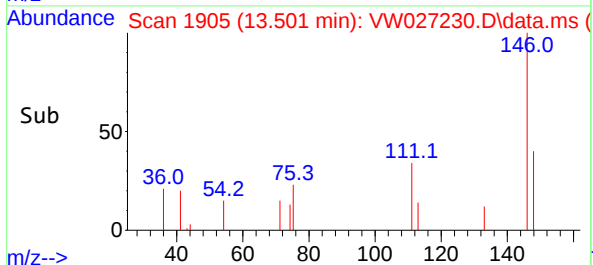
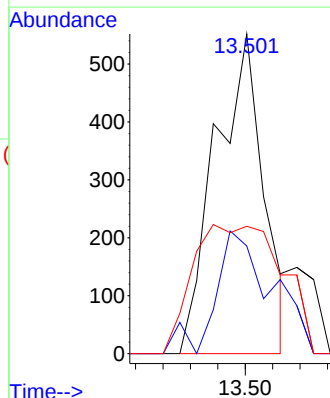
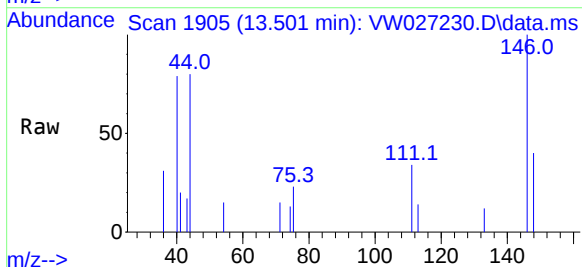
Tgt Ion:146 Resp: 675

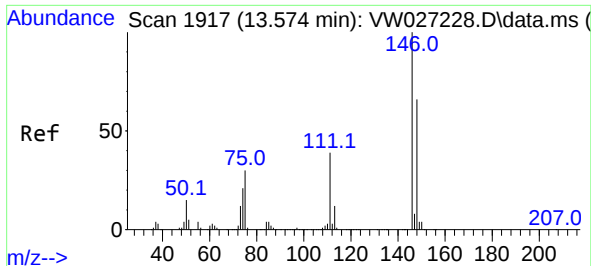
Ion Ratio Lower Upper

146 100

111 33.7 26.9 50.1

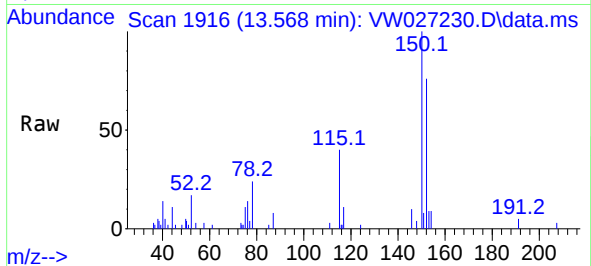
148 39.9 43.3 80.5#



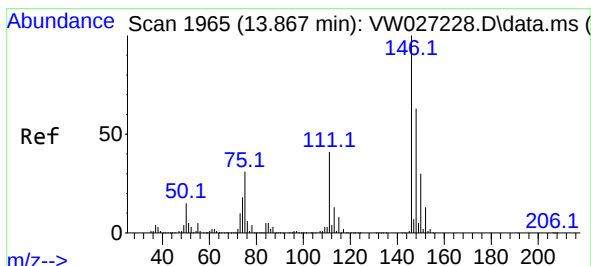
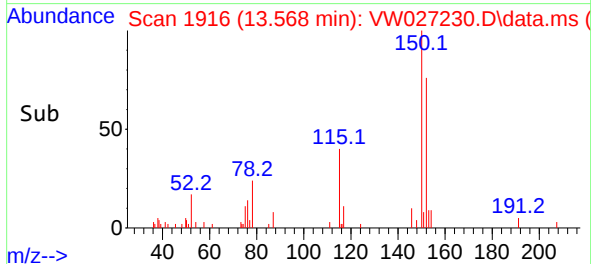
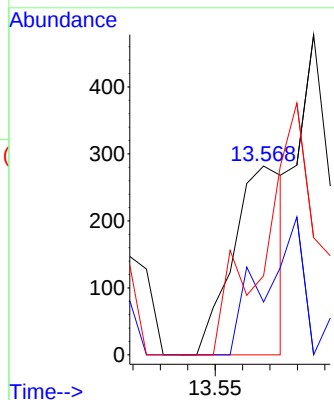


#65
1,4-Dichlorobenzene
Concen: 0.919 ug/L
RT: 13.568 min Scan# 1916
Delta R.T. -0.007 min
Lab File: VW027230.D
Acq: 05 Oct 2023 12:19

Instrument :
MSVOA_W
ClientSampleId :

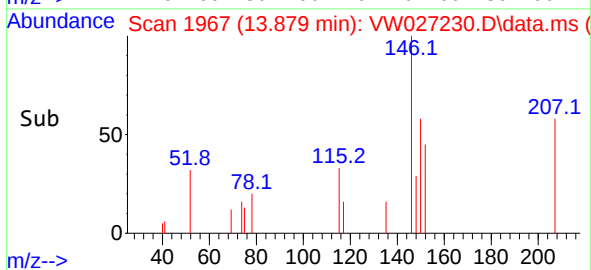
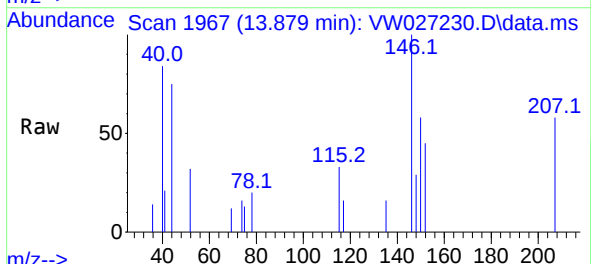
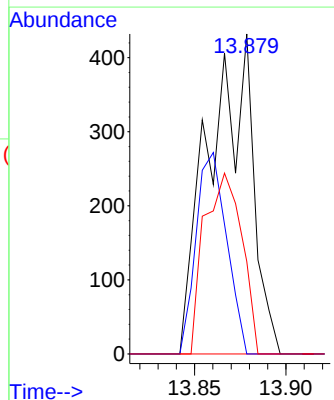


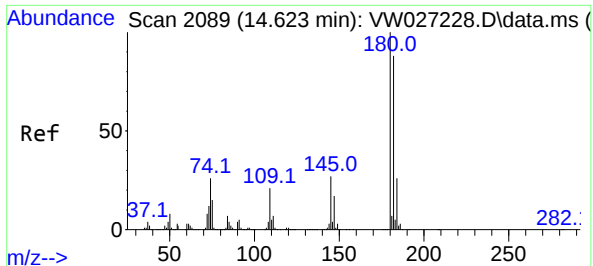
Tgt Ion:146 Resp: 366
Ion Ratio Lower Upper
146 100
111 28.0 26.9 50.1
148 41.8 43.9 81.5#



#67
1,2-Dichlorobenzene
Concen: 2.066 ug/L
RT: 13.879 min Scan# 1967
Delta R.T. 0.012 min
Lab File: VW027230.D
Acq: 05 Oct 2023 12:19

Tgt Ion:146 Resp: 718
Ion Ratio Lower Upper
146 100
111 0.0 35.6 53.4#
148 28.9 58.4 87.6#





#69

1,3,5-Trichlorobenzene

Concen: 3.690 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.007 min

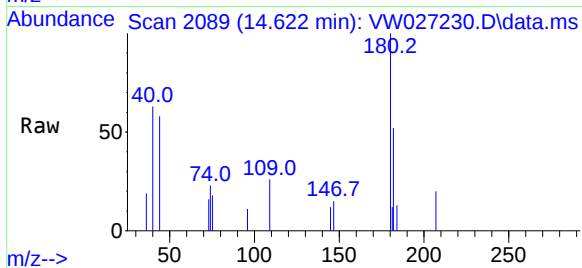
Lab File: VW027230.D

Acq: 05 Oct 2023 12:19

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 942

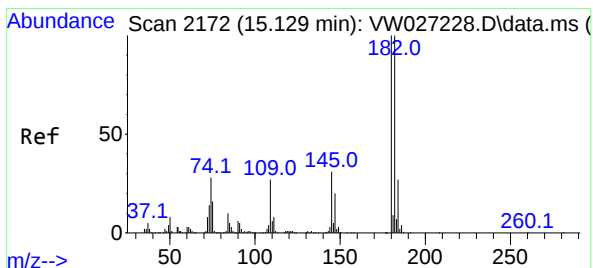
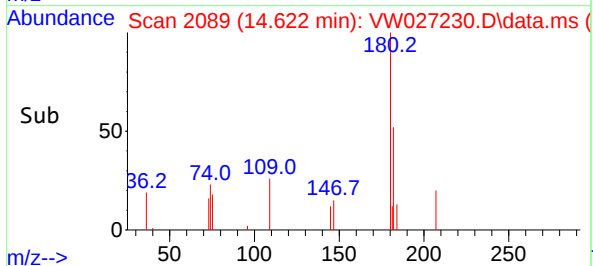
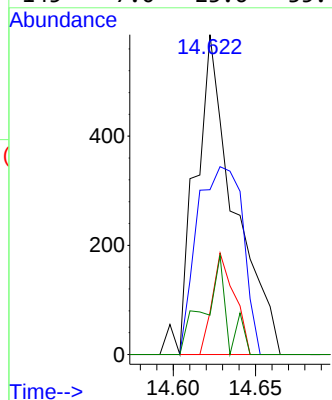
Ion Ratio Lower Upper

180 100

182 70.6 70.2 105.2

184 18.6 24.6 37.0#

145 7.0 23.6 35.4#



#70

1,2,4-trichlorobenzene

Concen: 4.165 ug/L

RT: 15.116 min Scan# 2170

Delta R.T. -0.013 min

Lab File: VW027230.D

Acq: 05 Oct 2023 12:19

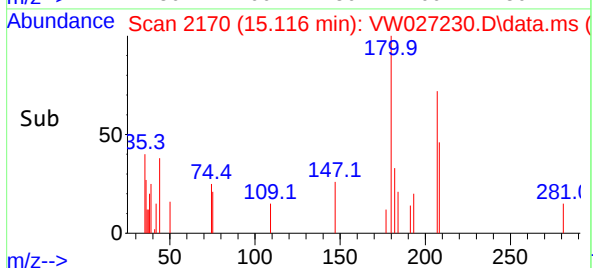
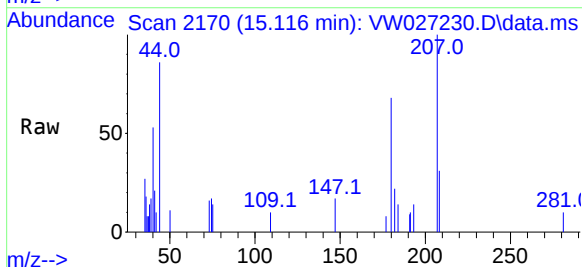
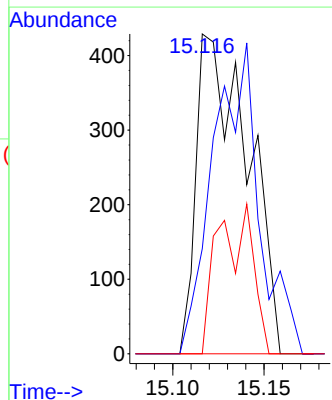
Tgt Ion:180 Resp: 839

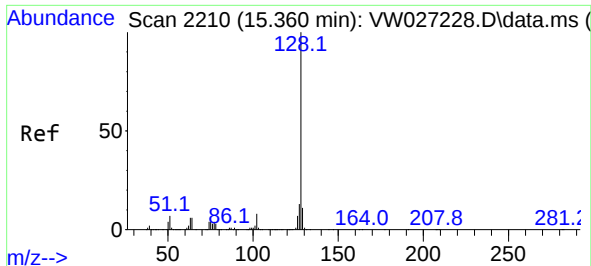
Ion Ratio Lower Upper

180 100

182 50.2 77.4 116.2#

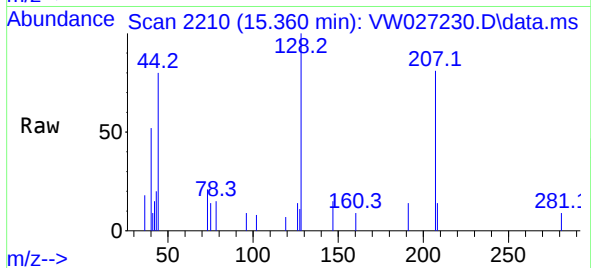
145 19.4 24.3 36.5#



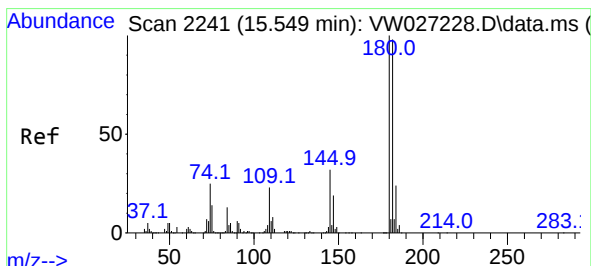
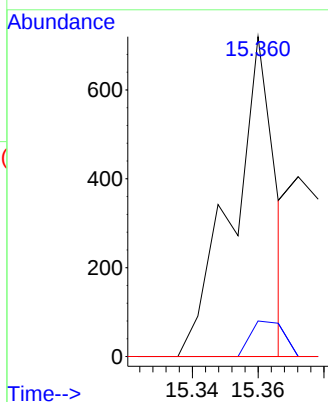
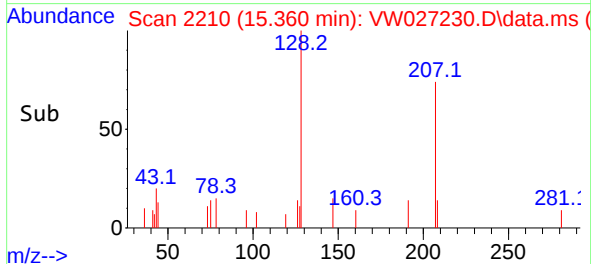


#71
Naphthalene
Concen: 1.829 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VW027230.D
Acq: 05 Oct 2023 12:19

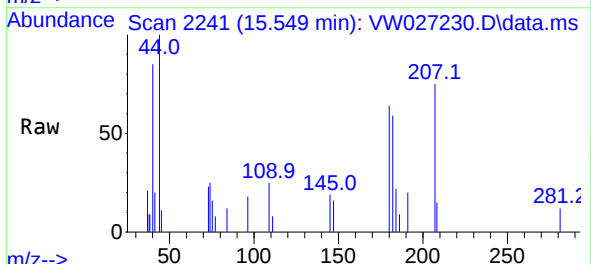
Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 650
Ion Ratio Lower Upper
128 100
127 8.8 10.4 15.6#
129 0.0 8.6 12.8#



#72
1,2,3-Trichlorobenzene
Concen: 4.004 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW027230.D
Acq: 05 Oct 2023 12:19



Tgt Ion:180 Resp: 716
Ion Ratio Lower Upper
180 100
182 88.0 74.7 112.1
145 24.2 26.4 39.6#

