

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042823\
 Data File : VW025767.D
 Acq On : 28 Apr 2023 18:04
 Operator : SY/MD
 Sample : 02526-17MS
 Misc : 5.66g/10mL/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCCG0MS

Quant Time: Apr 29 00:25:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 28 02:55:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	681421	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	629091	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	317808	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	128109	15.412	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.640%
7) Chloroethane-d5	3.234	69	272	0.046	ug/L	0.34
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.200%#
11) 1,1-Dichloroethene-d2	4.033	63	334650	17.658	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.640%
21) 2-Butanone-d5	7.075	46	146479	53.402	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.800%
24) Chloroform-d	7.648	84	370670	20.277	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.120%
26) 1,2-Dichloroethane-d4	8.307	65	218554	21.931	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.720%
32) Benzene-d6	8.270	84	712051	18.643	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.560%
36) 1,2-Dichloropropane-d6	9.270	67	237651	19.237	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.960%
41) Toluene-d8	10.319	98	632869	18.744	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.960%
43) trans-1,3-Dichloroprop...	10.575	79	101952	21.177	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.720%
47) 2-Hexanone-d5	10.922	63	106174	55.336	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.680%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	221305	24.306	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	221721	20.363	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	134131	15.546	ug/L	91
3) Chloromethane	2.222	50	208509	18.294	ug/L	98
5) Vinyl chloride	2.375	62	216143	18.036	ug/L	99
6) Bromomethane	2.789	94	121137	19.105	ug/L	100
8) Chloroethane	2.930	64	124332	20.367	ug/L	100
9) Trichlorofluoromethane	3.265	101	171470	19.035	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	180687	19.221	ug/L	97
12) 1,1-Dichloroethene	4.045	96	182405	19.802	ug/L	95
13) Acetone	4.118	43	230201	90.541	ug/L	99
14) Carbon disulfide	4.393	76	626949	19.442	ug/L	97
15) Methyl Acetate	4.661	43	125024	24.828	ug/L	98
16) Methylene chloride	4.923	84	211963	16.466	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	197709	20.377	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	331454	23.738	ug/L	99
19) 1,1-Dichloroethane	6.216	63	404872	20.475	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	211868	20.817	ug/L #	97
22) 2-Butanone	7.167	43	179448	55.666	ug/L	98
23) Bromochloromethane	7.514	128	94869	22.446	ug/L	96
25) Chloroform	7.673	83	377058	20.761	ug/L	99

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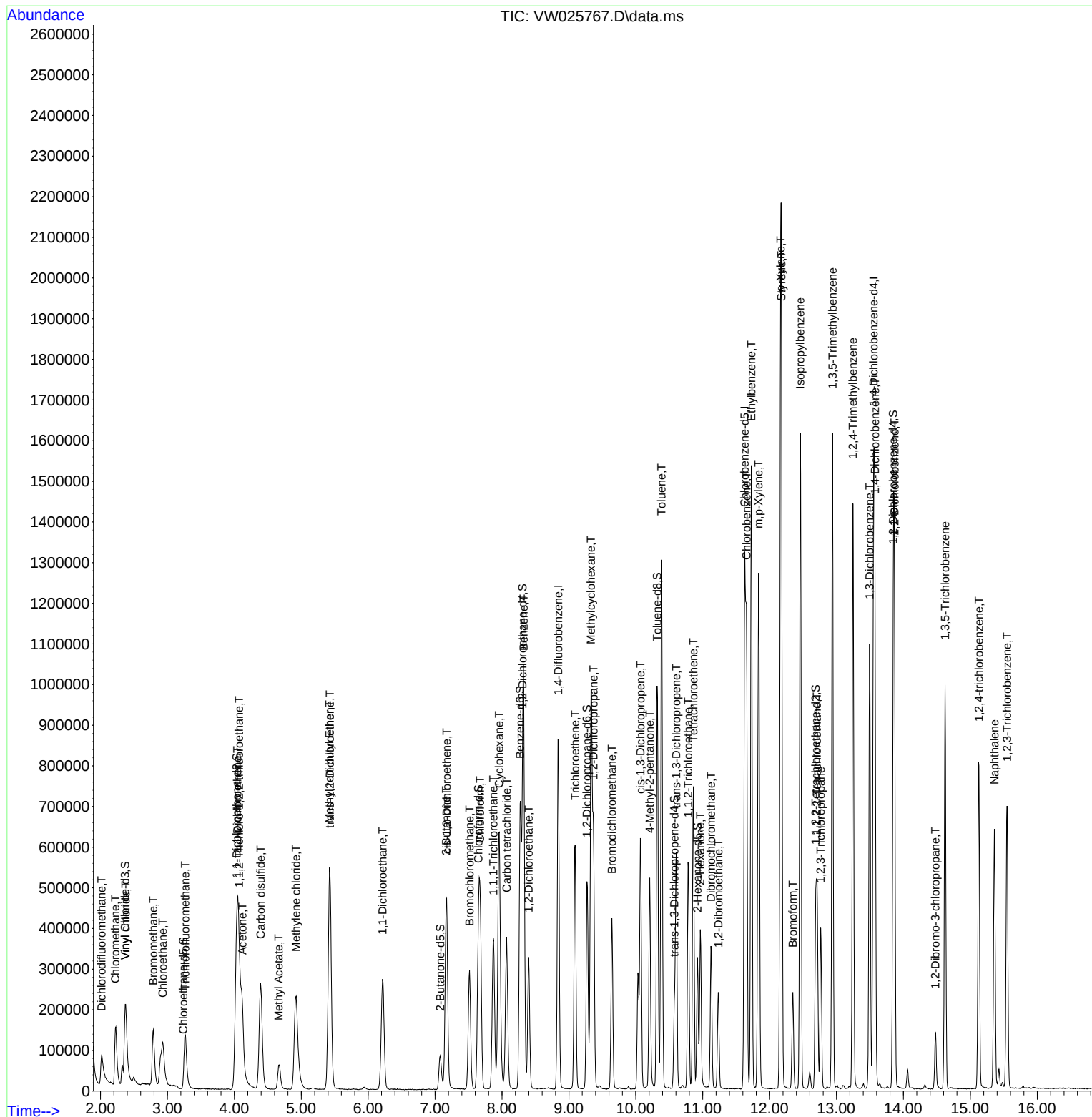
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	290744	23.389	ug/L	98
29) Cyclohexane	7.959	56	381759	19.506	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	299493	19.553	ug/L	97
31) Carbon tetrachloride	8.069	117	279659	20.124	ug/L	98
33) Benzene	8.325	78	872905	20.332	ug/L	100
34) Trichloroethene	9.093	95	218806	19.731	ug/L	97
35) Methylcyclohexane	9.331	83	384092	19.488	ug/L	100
37) 1,2-Dichloropropane	9.367	63	236244	20.414	ug/L	100
38) Bromodichloromethane	9.642	83	277800	21.238	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	358129	21.611	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	357721	51.248	ug/L	99
42) Toluene	10.386	91	909222	20.759	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	308455	22.656	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	170104	22.685	ug/L	98
46) Tetrachloroethene	10.861	164	160866	20.484	ug/L	95
48) 2-Hexanone	10.965	43	257032	52.291	ug/L	97
49) Dibromochloromethane	11.123	129	175849	22.641	ug/L	94
50) 1,2-Dibromoethane	11.233	107	159941	23.251	ug/L #	94
51) Chlorobenzene	11.654	112	550579	20.426	ug/L	98
52) Ethylbenzene	11.727	91	1034426	21.061	ug/L	100
53) m,p-Xylene	11.837	106	373793	20.615	ug/L	100
54) o-Xylene	12.166	106	357069	21.120	ug/L	96
55) Styrene	12.178	104	636415	22.205	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	217725	23.708	ug/L	92
59) Bromoform	12.349	173	107931	24.511	ug/L	98
60) Isopropylbenzene	12.458	105	1000680	20.501	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	162952	23.576	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	813162	21.188	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	752423	21.704	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	420090	20.394	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	425098	20.354	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	387152	21.303	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	38638	24.417	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	281021	20.969	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	240103	20.982	ug/L	99
71) Naphthalene	15.360	128	504311	24.674	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	224013	22.179	ug/L	96

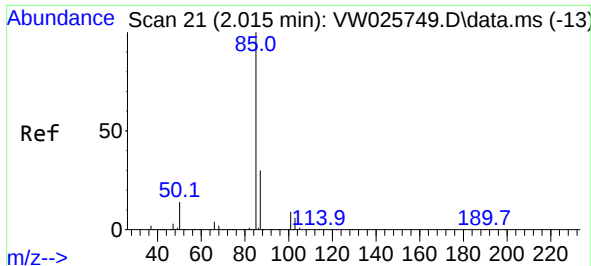
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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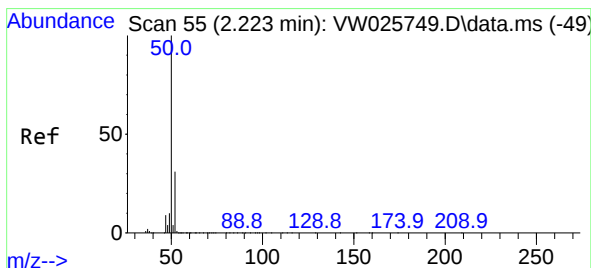
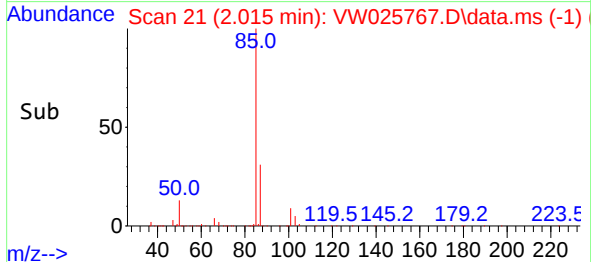
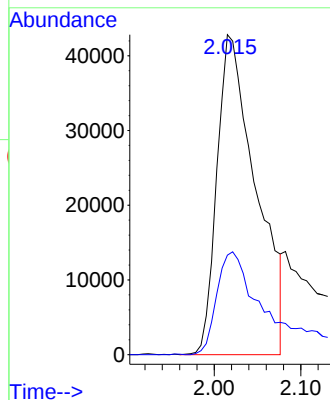
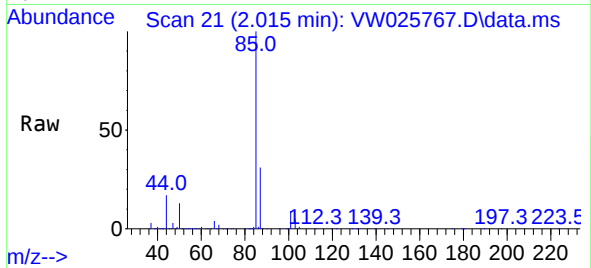




#2
Dichlorodifluoromethane
Concen: 15.546 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

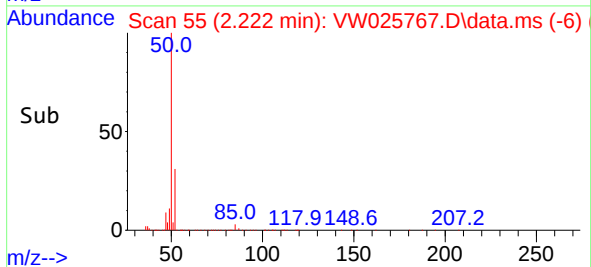
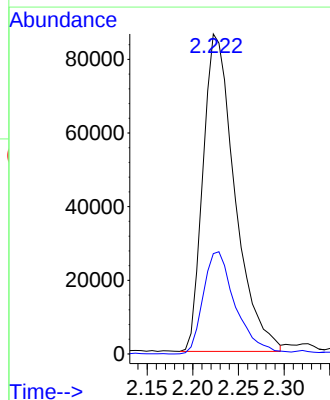
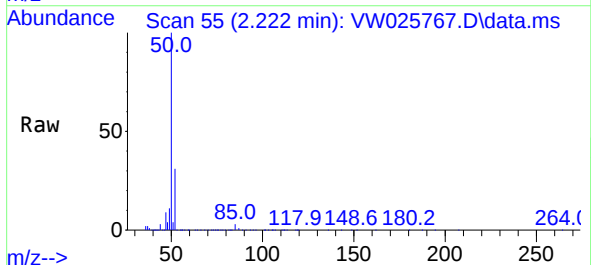
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ClientSampleId :
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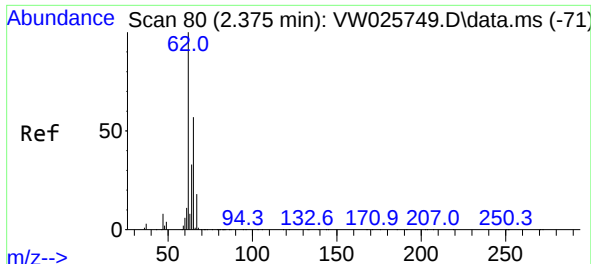
Tgt Ion: 85 Resp: 134131
Ion Ratio Lower Upper
85 100
87 31.4 21.3 31.9



#3
Chloromethane
Concen: 18.294 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

Tgt Ion: 50 Resp: 208509
Ion Ratio Lower Upper
50 100
52 31.3 22.9 42.5

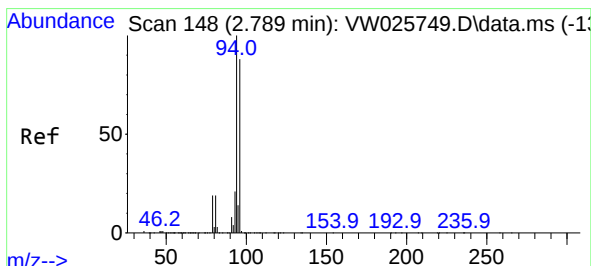
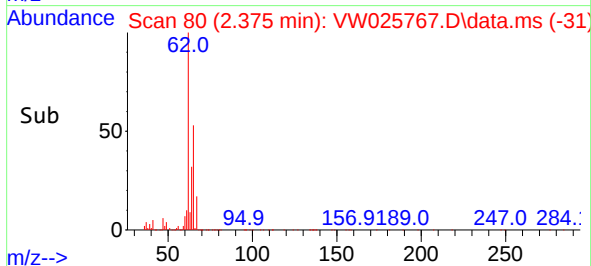
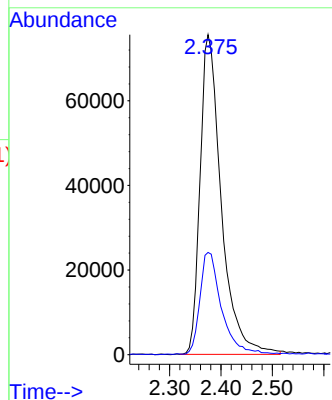
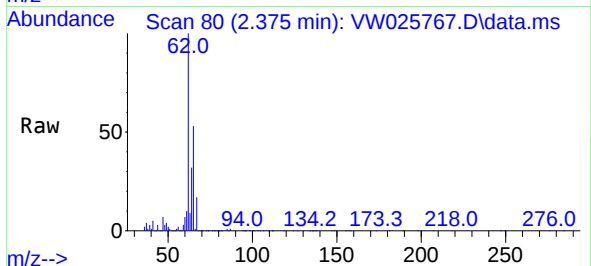




#5
 Vinyl chloride
 Concen: 18.036 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025767.D
 Acq: 28 Apr 2023 18:04

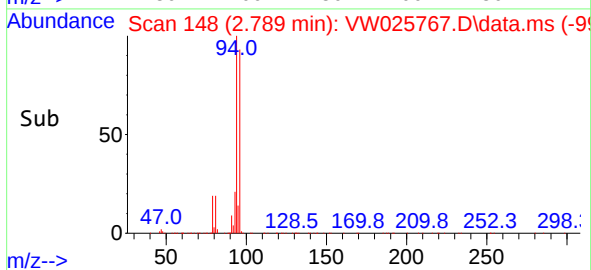
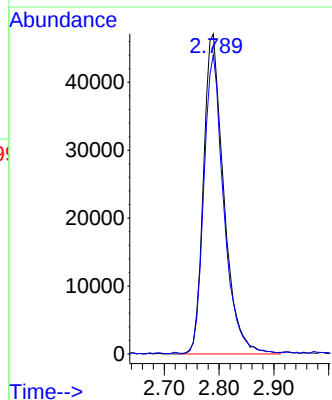
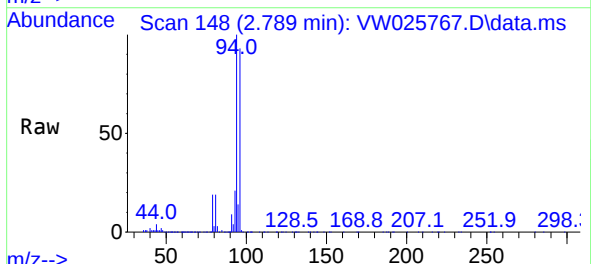
Instrument :
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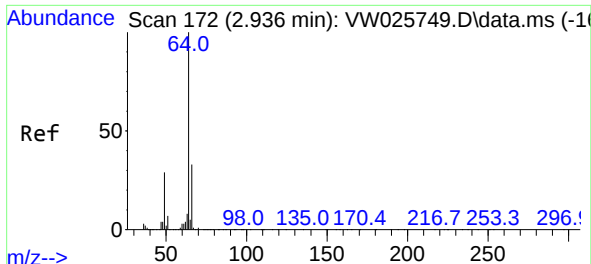
Tgt Ion: 62 Resp: 216143
 Ion Ratio Lower Upper
 62 100
 64 32.0 21.8 40.6



#6
 Bromomethane
 Concen: 19.105 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025767.D
 Acq: 28 Apr 2023 18:04

Tgt Ion: 94 Resp: 121137
 Ion Ratio Lower Upper
 94 100
 96 93.5 65.2 121.2

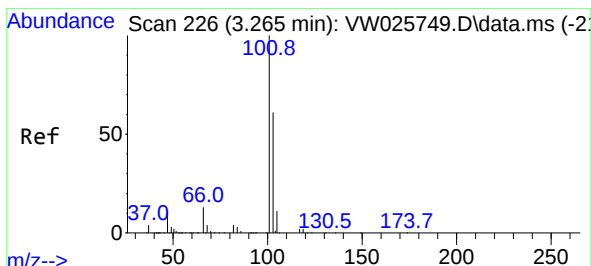
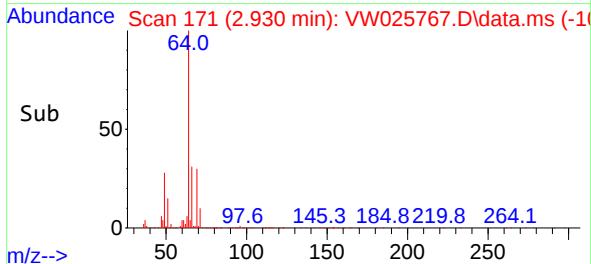
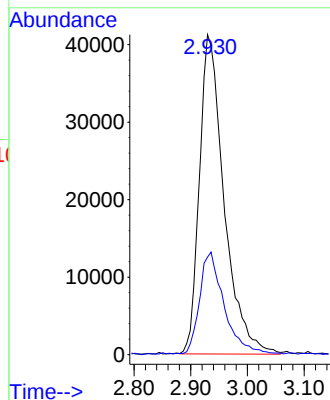
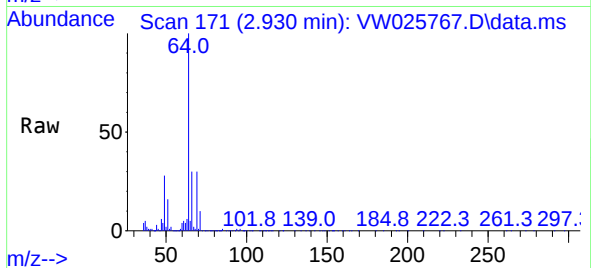




#8
Chloroethane
Concen: 20.367 ug/L
RT: 2.930 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

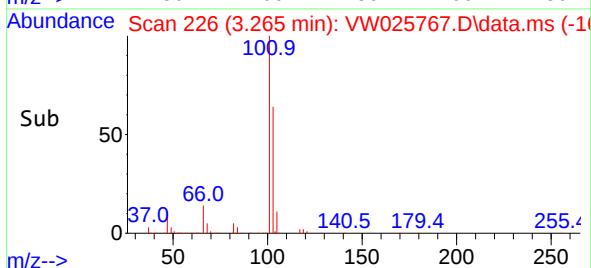
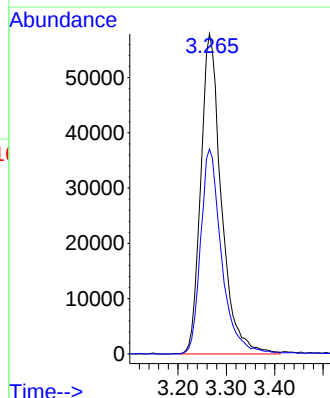
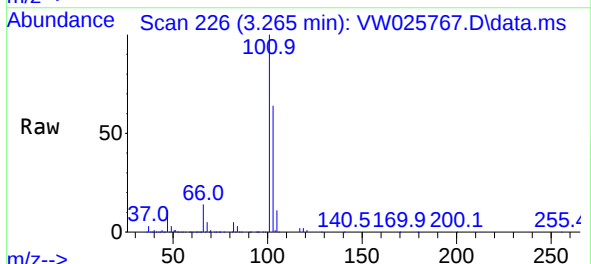
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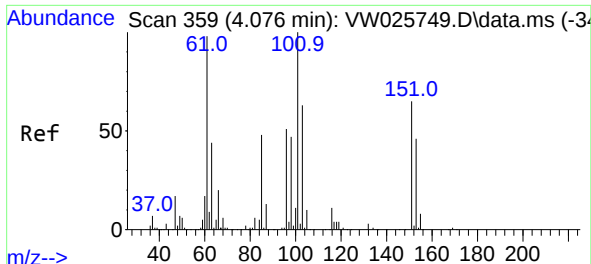
Tgt Ion: 64 Resp: 124332
Ion Ratio Lower Upper
64 100
66 30.5 21.5 39.9



#9
Trichlorofluoromethane
Concen: 19.035 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

Tgt Ion: 101 Resp: 171470
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.4

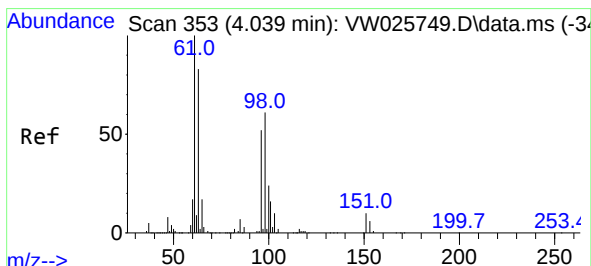
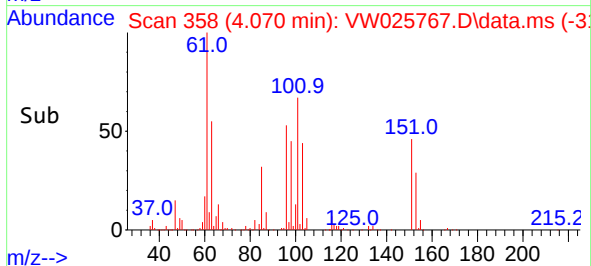
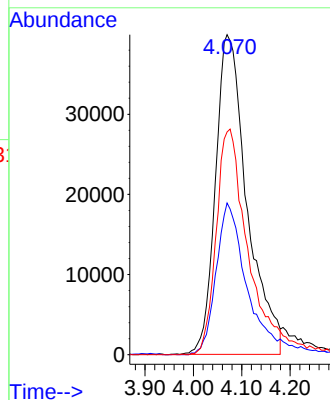
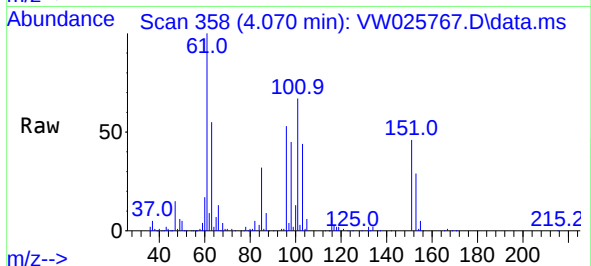




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.221 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW025767.D
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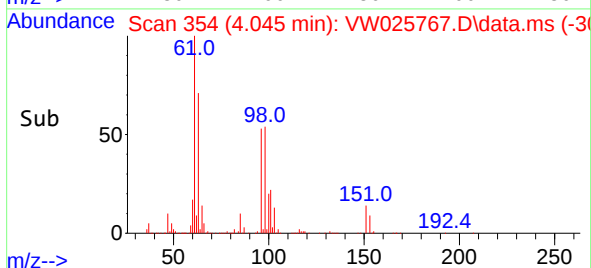
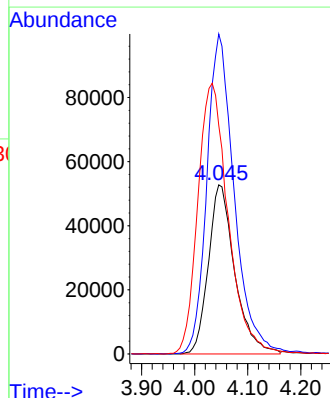
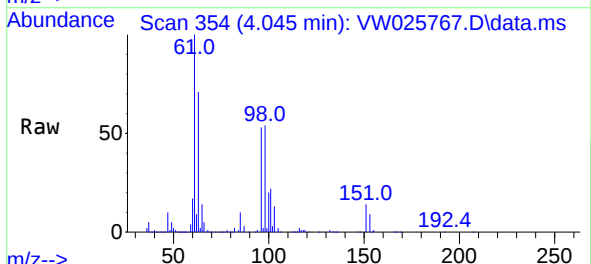
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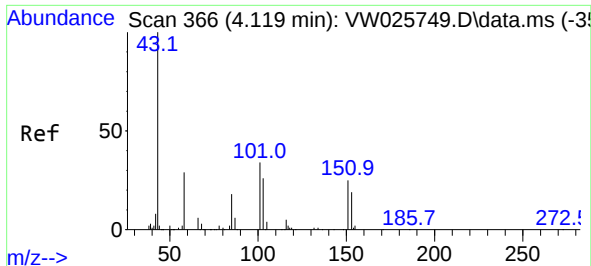
Tgt Ion:101 Resp: 180687
 Ion Ratio Lower Upper
 101 100
 85 44.9 35.9 53.9
 151 72.0 54.1 81.1



#12
 1,1-Dichloroethene
 Concen: 19.802 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW025767.D
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Tgt Ion: 96 Resp: 182405
 Ion Ratio Lower Upper
 96 100
 61 189.2 137.9 256.1
 63 135.2 90.5 168.1

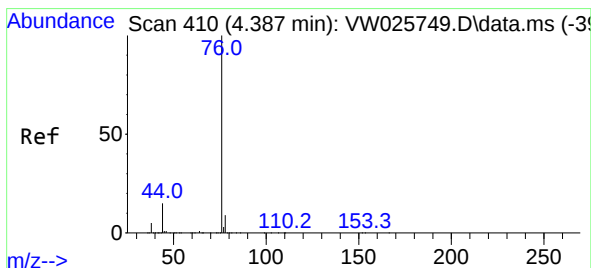
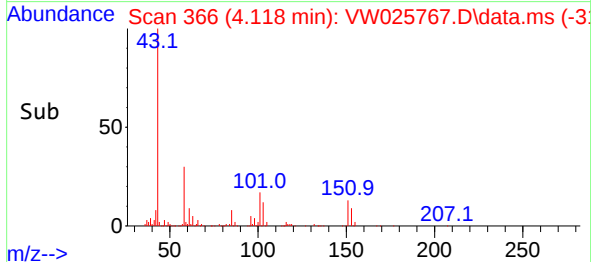
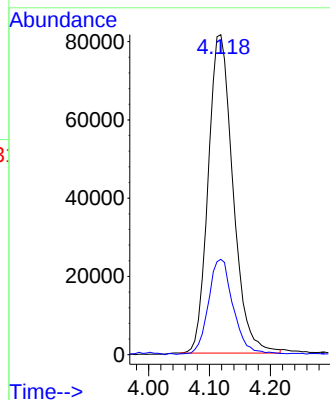
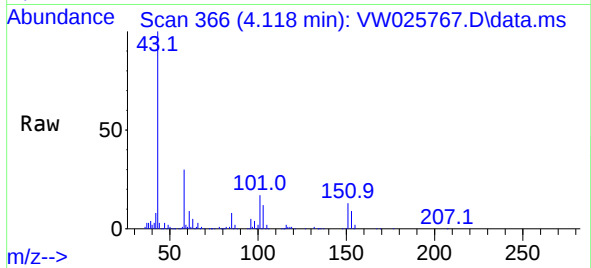




#13
Acetone
Concen: 90.541 ug/L
RT: 4.118 min Scan# 301
Delta R.T. -0.000 min
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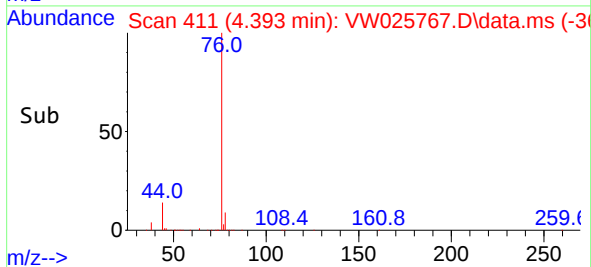
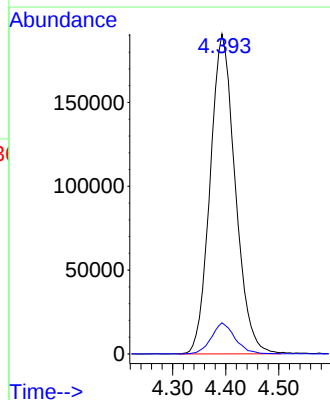
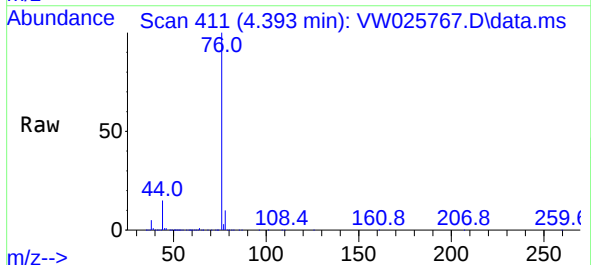
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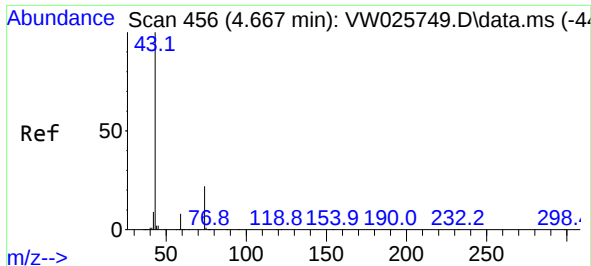
Tgt Ion: 43 Resp: 230201
Ion Ratio Lower Upper
43 100
58 29.6 0.0 58.6



#14
Carbon disulfide
Concen: 19.442 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

Tgt Ion: 76 Resp: 626949
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6

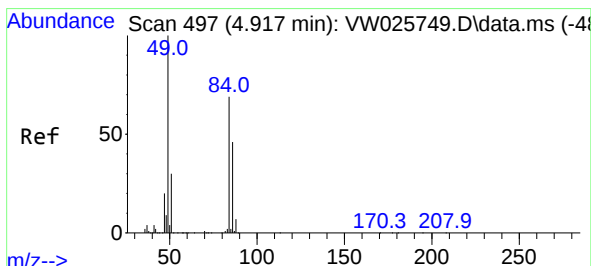
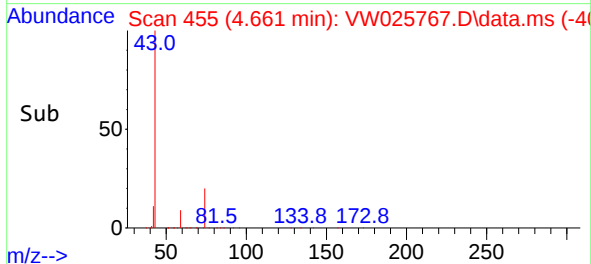
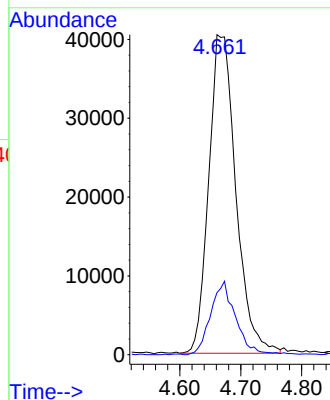
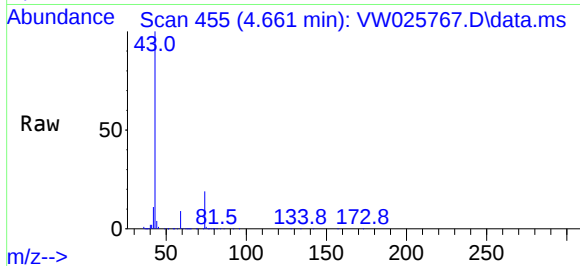




#15
Methyl Acetate
Concen: 24.828 ug/L
RT: 4.661 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

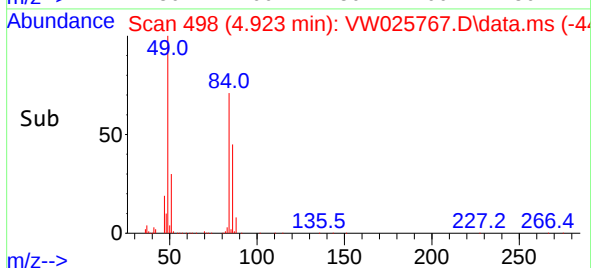
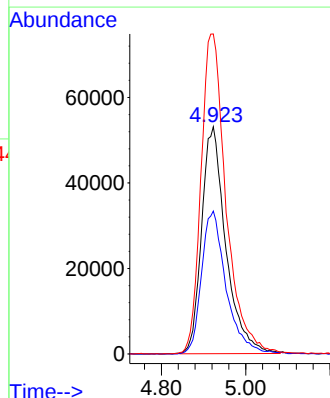
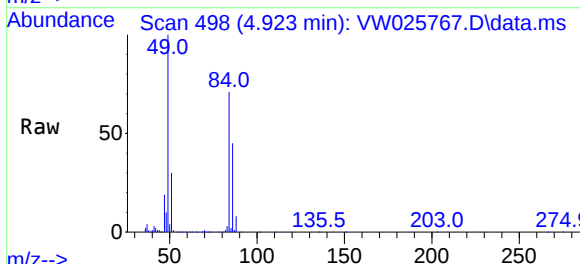
Instrument :
MSVOA_W
ClientSampleId :
DCCG0MS

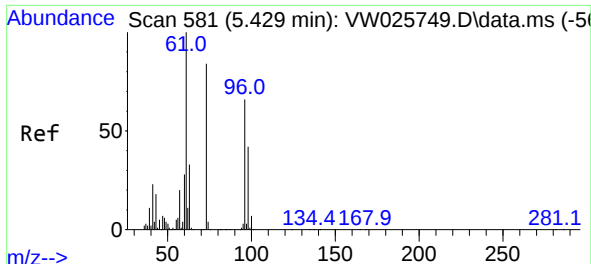
Tgt Ion: 43 Resp: 125024
Ion Ratio Lower Upper
43 100
74 21.0 16.1 24.1



#16
Methylene chloride
Concen: 16.466 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

Tgt Ion: 84 Resp: 211963
Ion Ratio Lower Upper
84 100
86 62.9 46.3 85.9
49 140.8 101.9 189.3

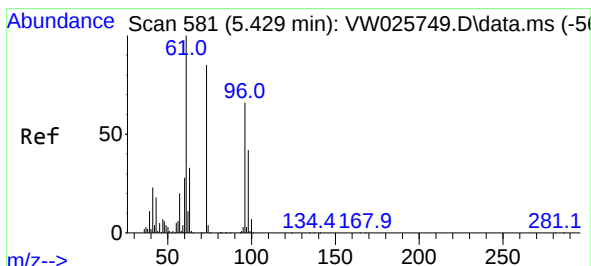
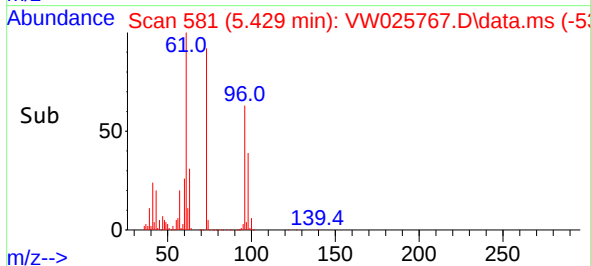
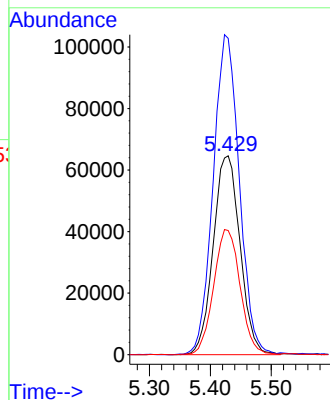
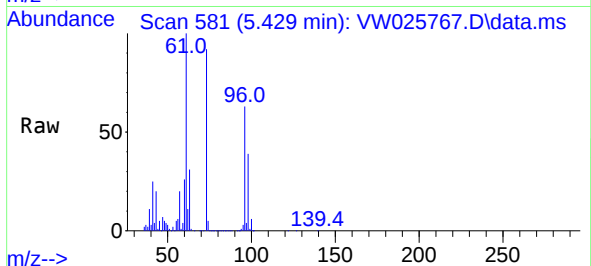




#17
trans-1,2-Dichloroethene
Concen: 20.377 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

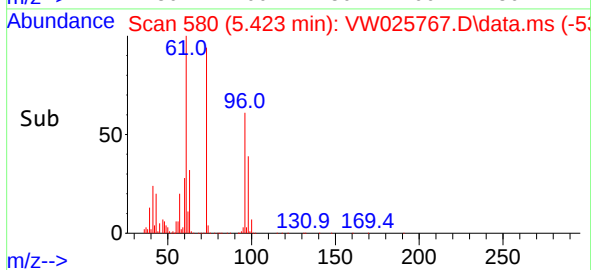
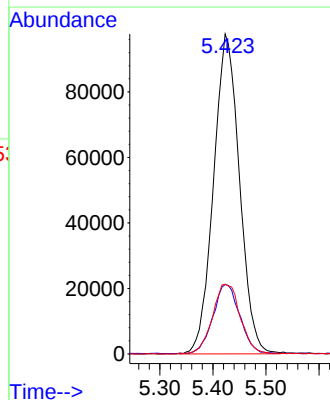
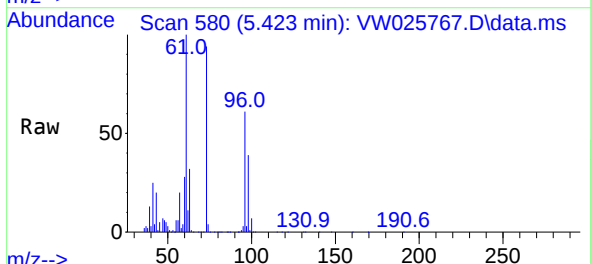
Instrument :
MSVOA_W
ClientSampleId :
DCCG0MS

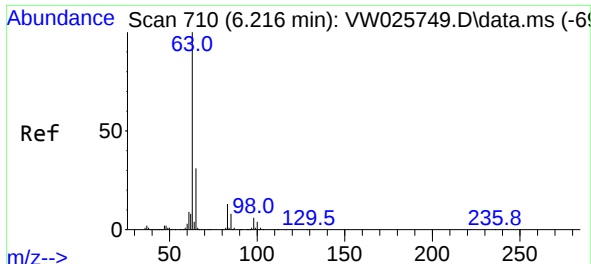
Tgt Ion: 96 Resp: 197709
Ion Ratio Lower Upper
96 100
61 159.0 110.2 204.8
98 62.5 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 23.738 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

Tgt Ion: 73 Resp: 331454
Ion Ratio Lower Upper
73 100
43 22.2 18.2 27.4
57 23.5 19.3 28.9





#19

1,1-Dichloroethane

Concen: 20.475 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW025767.D

Acq: 28 Apr 2023 18:04

Instrument :

MSVOA_W

ClientSampleId :

DCCG0MS

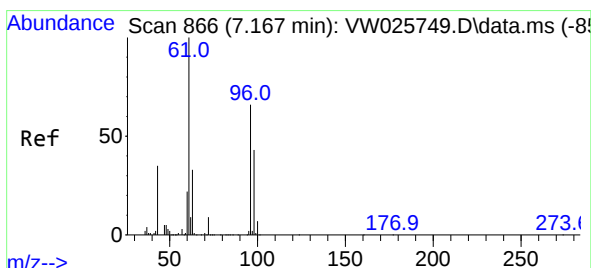
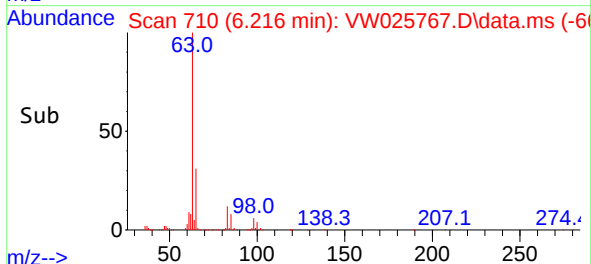
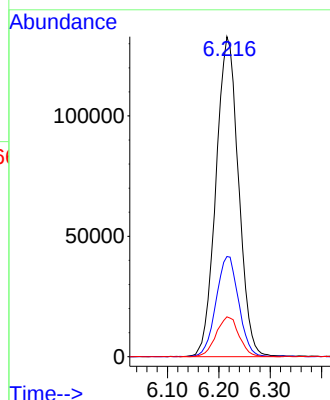
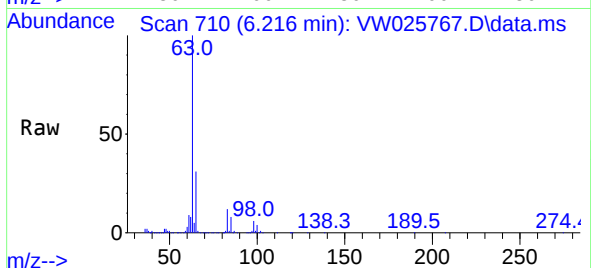
Tgt Ion: 63 Resp: 404872

Ion Ratio Lower Upper

63 100

65 31.3 22.5 41.9

83 12.4 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 20.817 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW025767.D

Acq: 28 Apr 2023 18:04

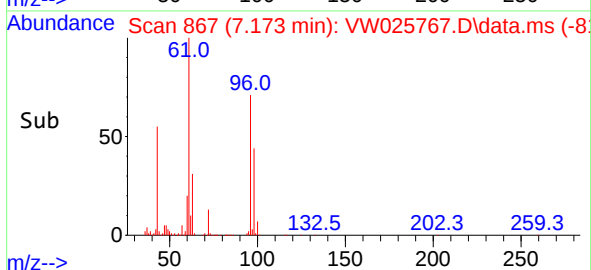
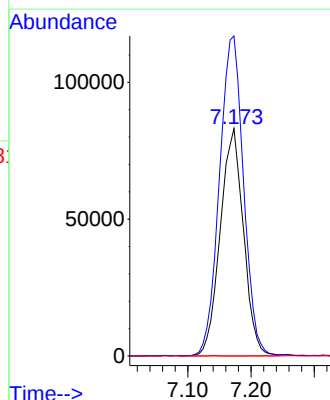
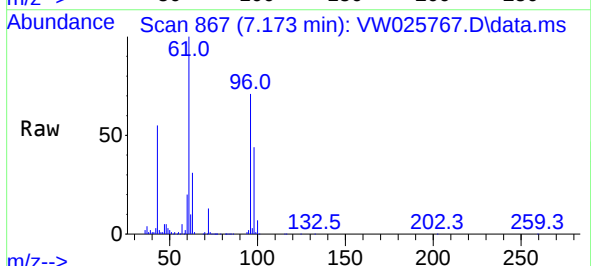
Tgt Ion: 96 Resp: 211868

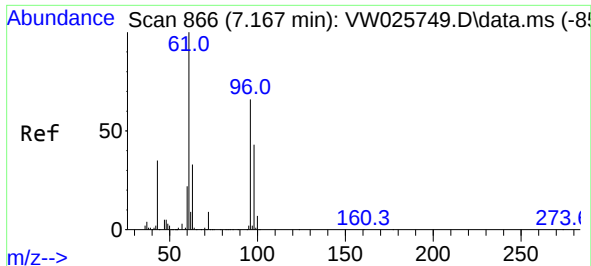
Ion Ratio Lower Upper

96 100

61 140.8 101.6 188.6

68 0.0 0.1 0.1#

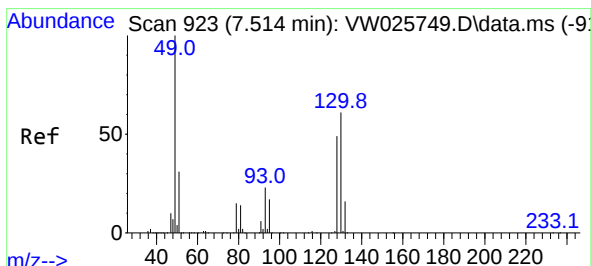
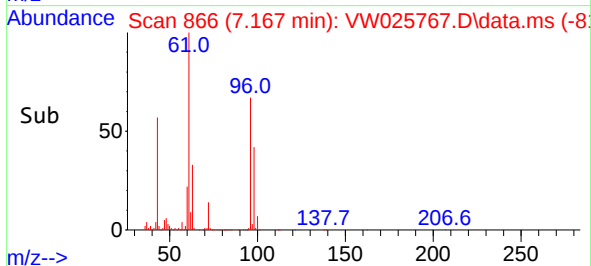
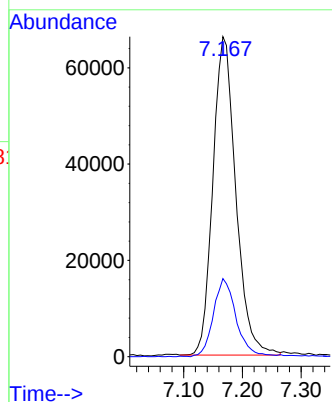
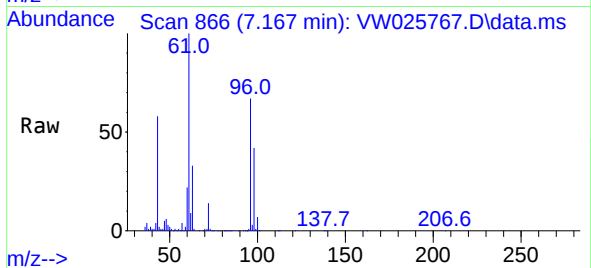




#22
2-Butanone
Concen: 55.666 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

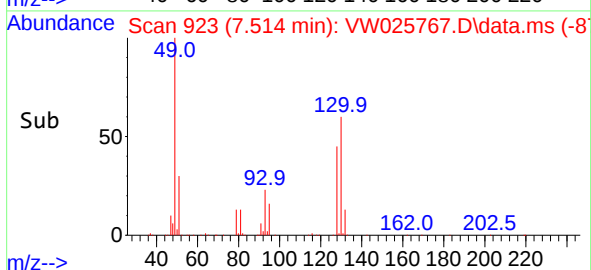
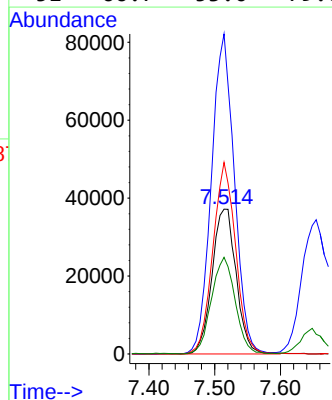
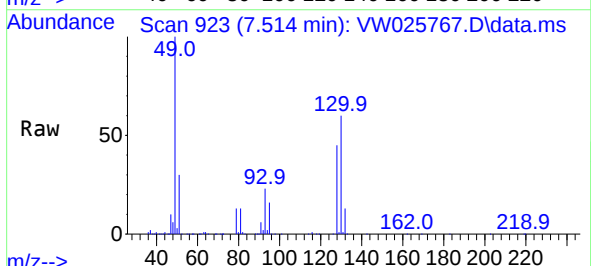
Instrument :
MSVOA_W
ClientSampleId :
DCCG0MS

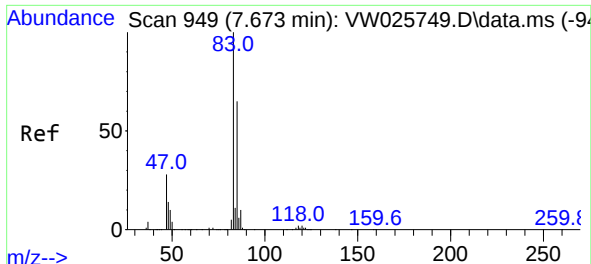
Tgt Ion: 43 Resp: 179448
Ion Ratio Lower Upper
43 100
72 24.3 11.7 35.0



#23
Bromochloromethane
Concen: 22.446 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

Tgt Ion: 128 Resp: 94869
Ion Ratio Lower Upper
128 100
49 221.1 148.0 274.8
130 132.3 90.3 167.7
51 66.7 53.0 79.6

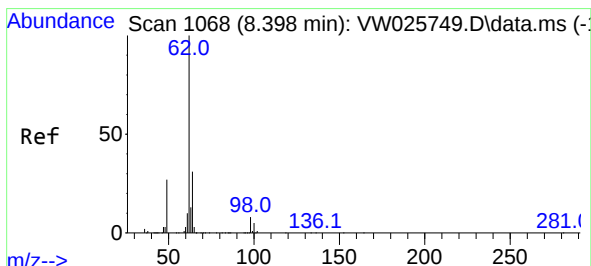
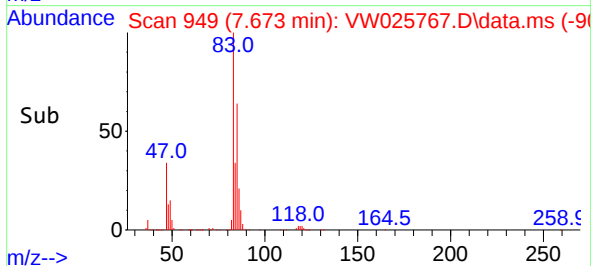
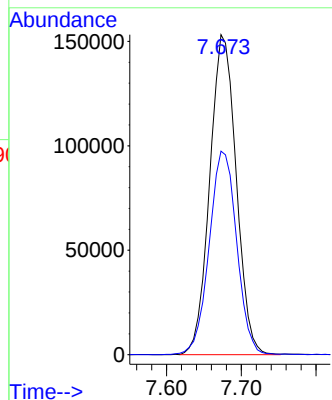
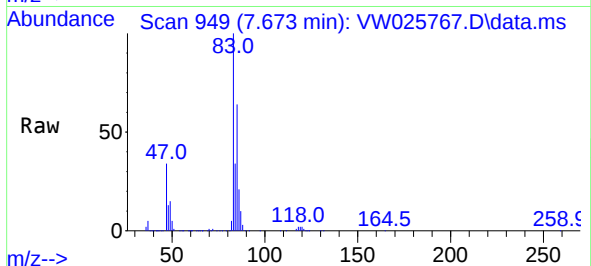




#25
Chloroform
Concen: 20.761 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

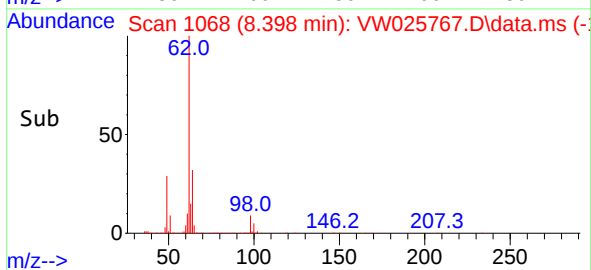
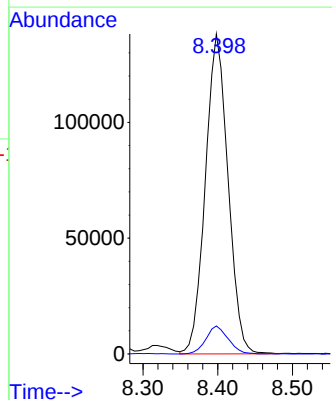
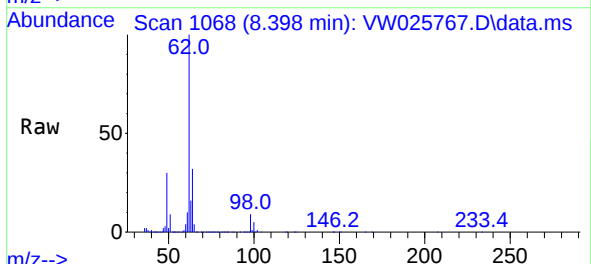
Instrument :
MSVOA_W
ClientSampleId :
DCCG0MS

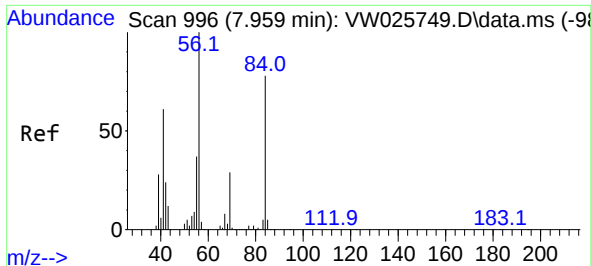
Tgt Ion: 83 Resp: 377058
Ion Ratio Lower Upper
83 100
85 63.6 44.9 83.5



#27
1,2-Dichloroethane
Concen: 23.389 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

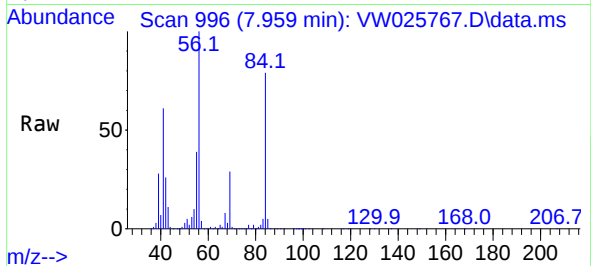
Tgt Ion: 62 Resp: 290744
Ion Ratio Lower Upper
62 100
98 8.7 6.5 9.7



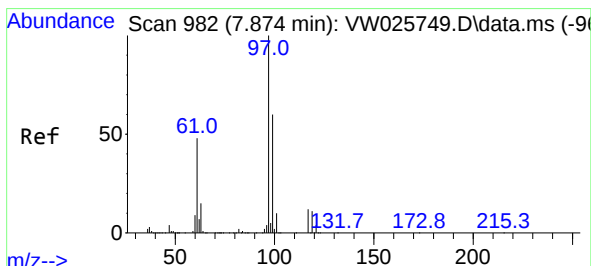
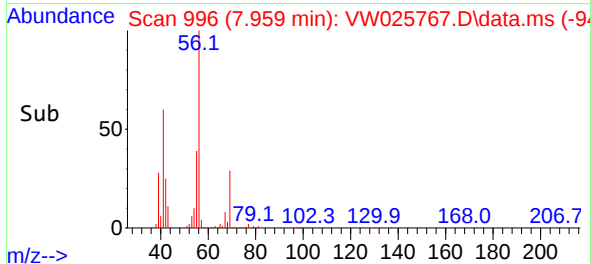
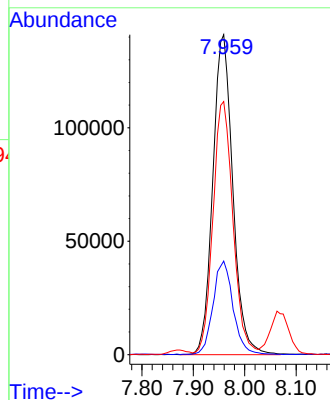


#29
Cyclohexane
Concen: 19.506 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

Instrument :
MSVOA_W
ClientSampleId :
DCCG0MS

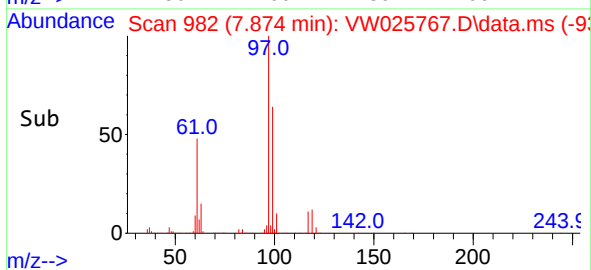
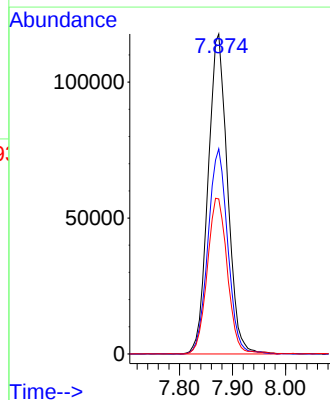
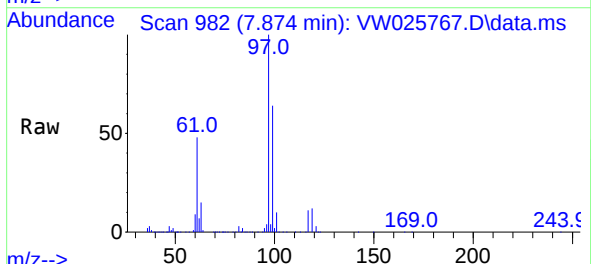


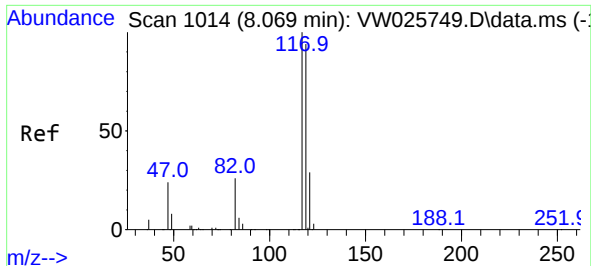
Tgt Ion: 56 Resp: 381759
Ion Ratio Lower Upper
56 100
69 29.0 22.6 34.0
84 79.0 62.2 93.2



#30
1,1,1-Trichloroethane
Concen: 19.553 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

Tgt Ion: 97 Resp: 299493
Ion Ratio Lower Upper
97 100
99 65.2 51.0 76.4
61 50.3 42.2 63.2

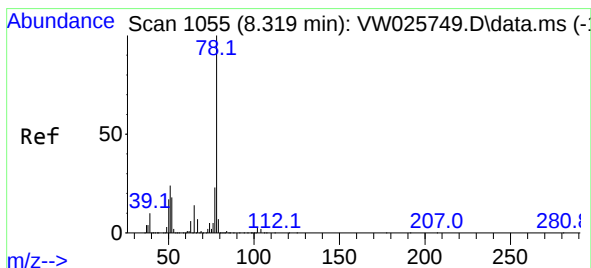
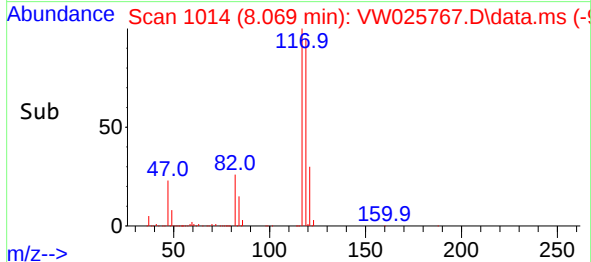
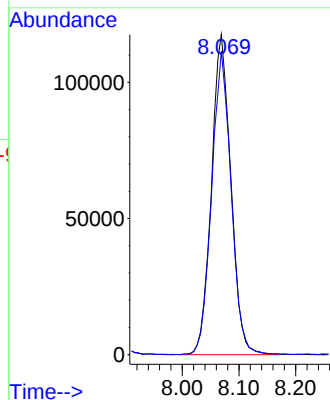
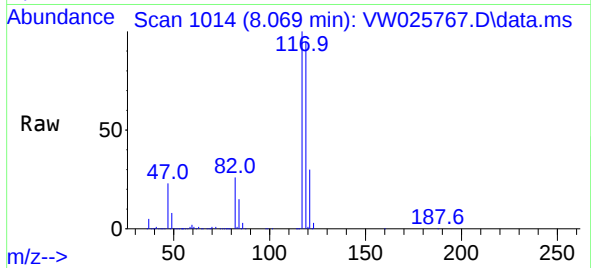




#31
Carbon tetrachloride
Concen: 20.124 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

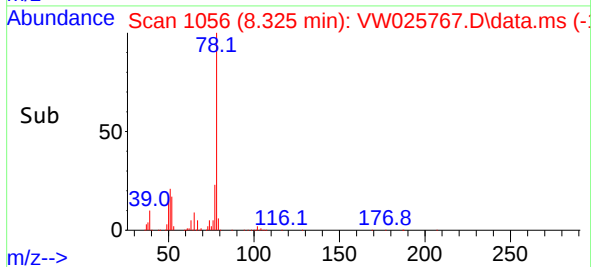
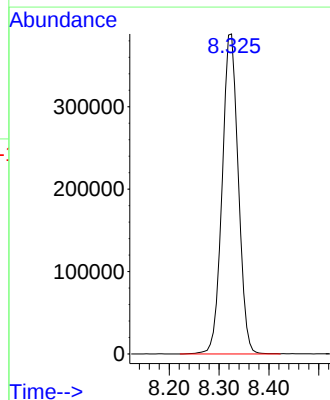
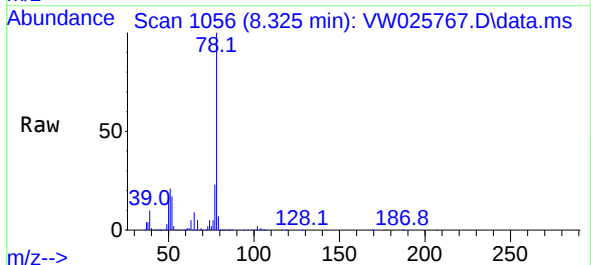
Instrument :
MSVOA_W
ClientSampleId :
DCCG0MS

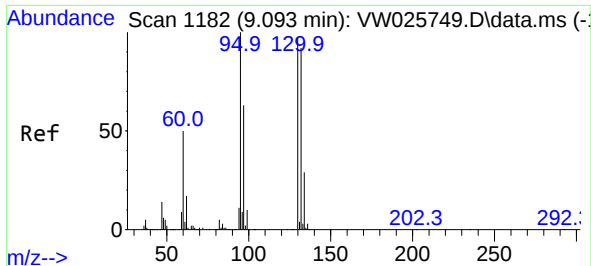
Tgt Ion:117 Resp: 279659
Ion Ratio Lower Upper
117 100
119 94.7 77.4 116.2



#33
Benzene
Concen: 20.332 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

Tgt Ion: 78 Resp: 872905

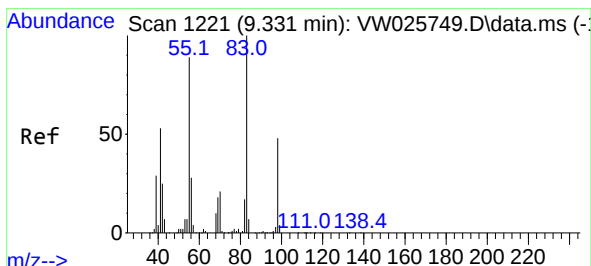
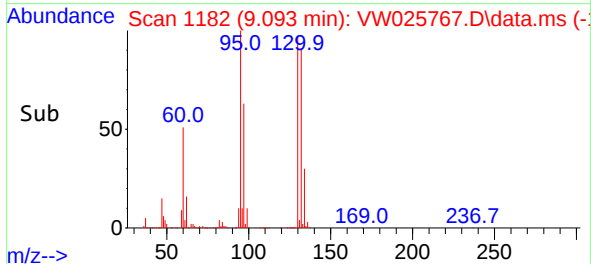
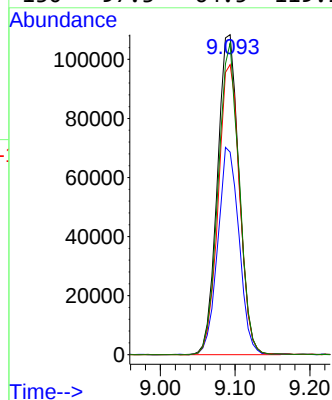
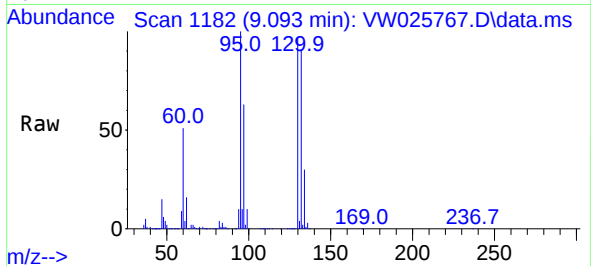




#34
Trichloroethene
Concen: 19.731 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

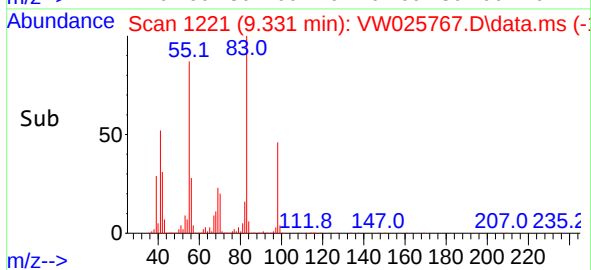
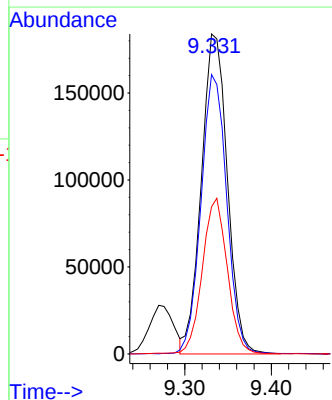
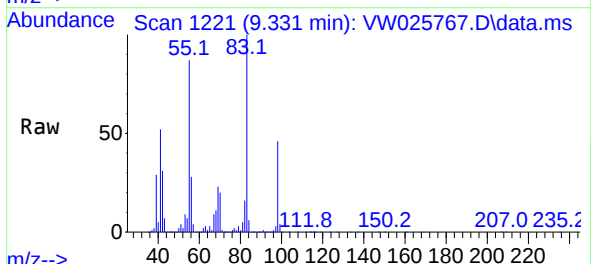
Instrument :
MSVOA_W
ClientSampleId :
DCCG0MS

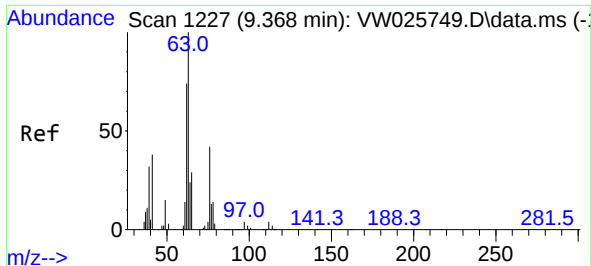
Tgt Ion: 95 Resp: 218806
Ion Ratio Lower Upper
95 100
97 63.3 44.7 83.1
132 90.7 65.0 120.6
130 97.3 64.5 119.9



#35
Methylcyclohexane
Concen: 19.488 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

Tgt Ion: 83 Resp: 384092
Ion Ratio Lower Upper
83 100
55 86.4 68.7 103.1
98 46.7 37.4 56.2





#37

1,2-Dichloropropane

Concen: 20.414 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025767.D

Acq: 28 Apr 2023 18:04

Instrument :

MSVOA_W

ClientSampleId :

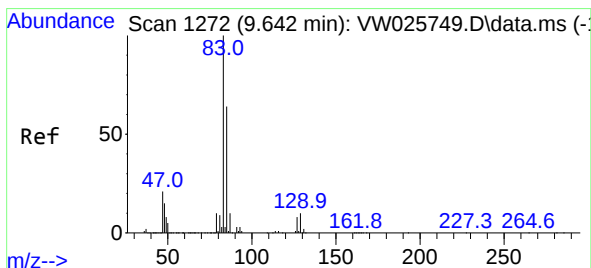
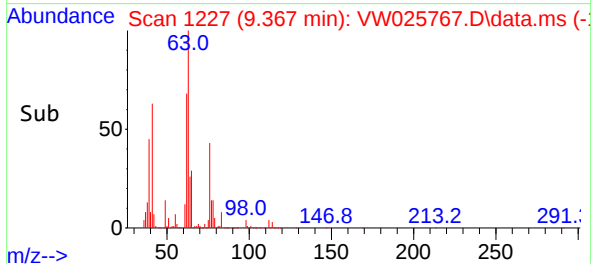
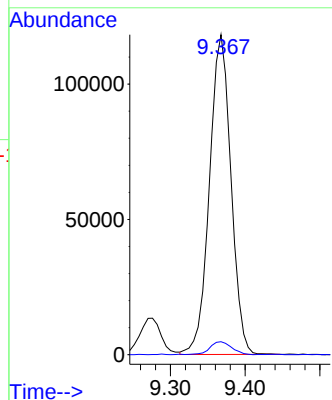
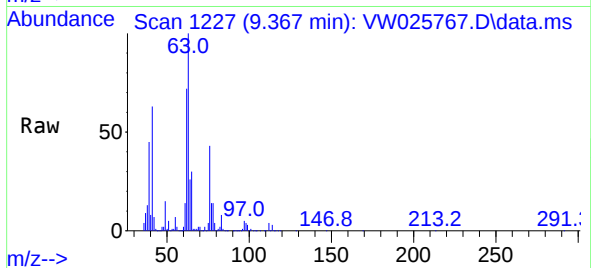
DCCG0MS

Tgt Ion: 63 Resp: 236244

Ion Ratio Lower Upper

63 100

112 4.1 3.2 4.8



#38

Bromodichloromethane

Concen: 21.238 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW025767.D

Acq: 28 Apr 2023 18:04

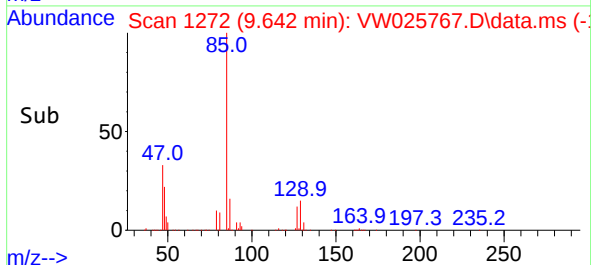
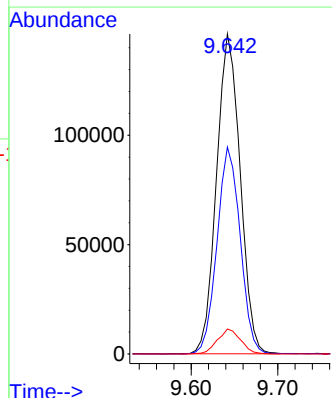
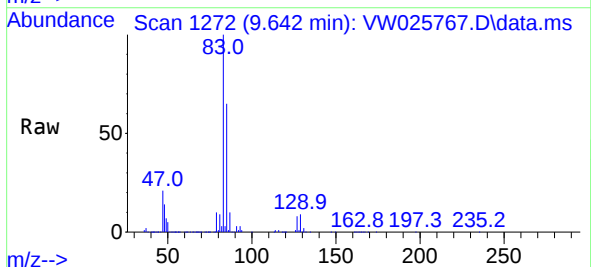
Tgt Ion: 83 Resp: 277800

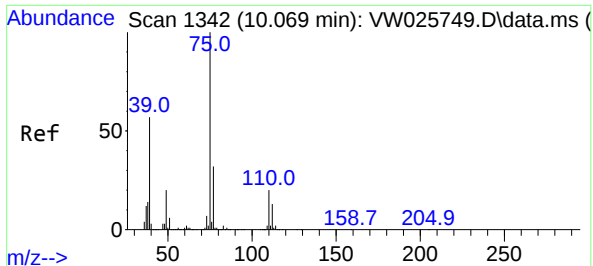
Ion Ratio Lower Upper

83 100

85 64.6 44.4 82.4

127 7.8 5.5 8.3





#39

cis-1,3-Dichloropropene

Concen: 21.611 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW025767.D

Acq: 28 Apr 2023 18:04

Instrument :

MSVOA_W

ClientSampleId :

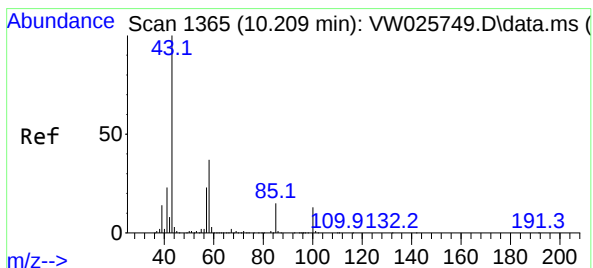
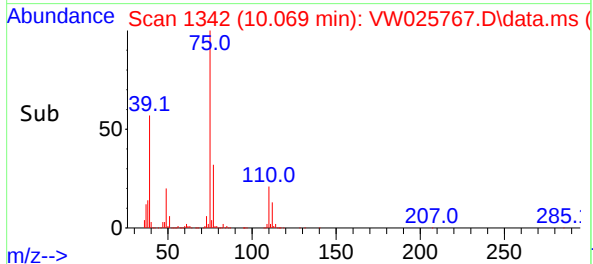
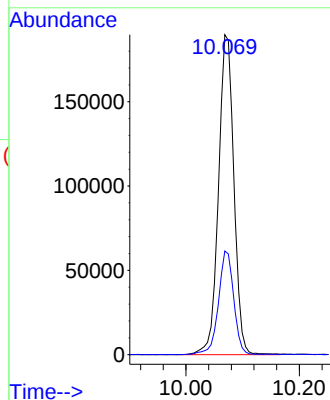
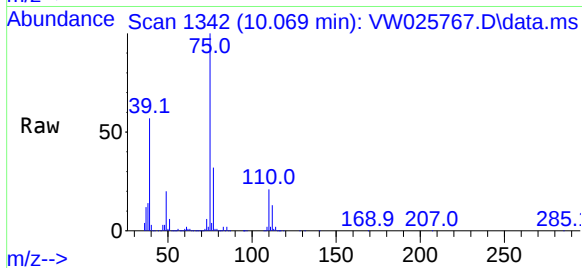
DCCG0MS

Tgt Ion: 75 Resp: 358129

Ion Ratio Lower Upper

75 100

77 32.4 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 51.248 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025767.D

Acq: 28 Apr 2023 18:04

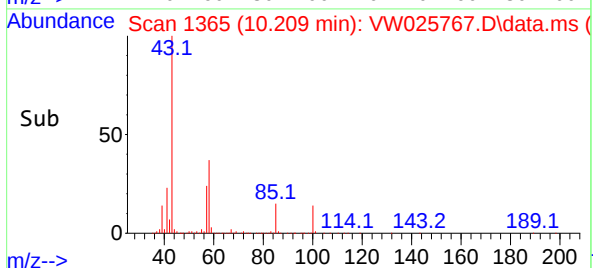
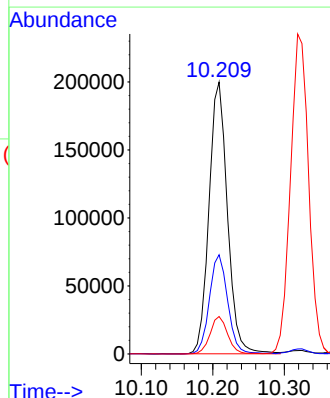
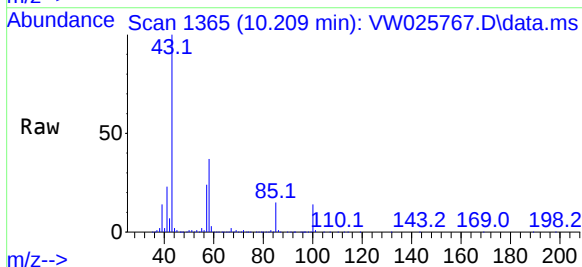
Tgt Ion: 43 Resp: 357721

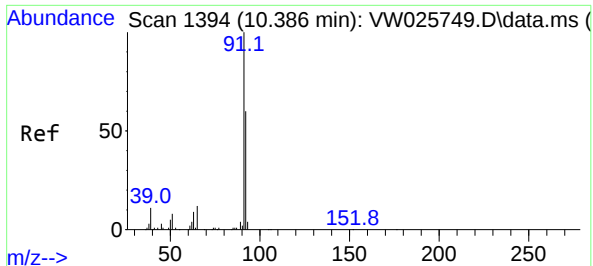
Ion Ratio Lower Upper

43 100

58 36.3 29.4 44.0

100 13.2 10.2 15.4

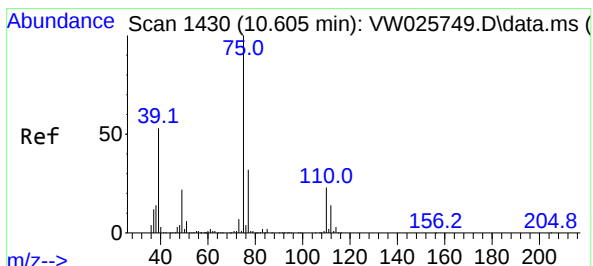
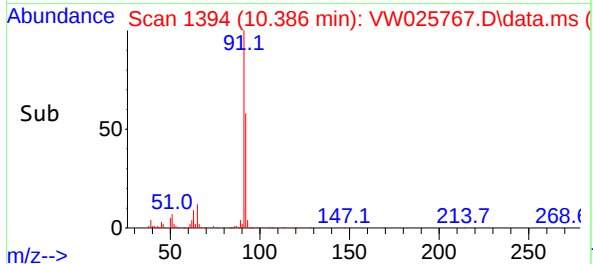
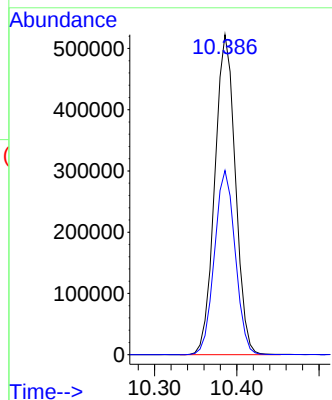
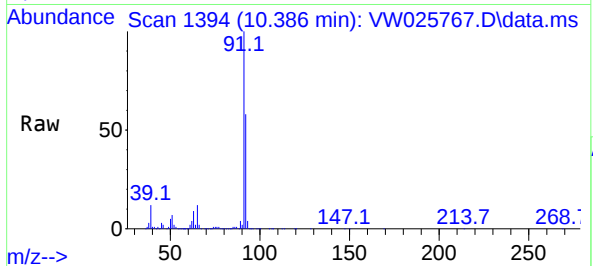




#42
Toluene
Concen: 20.759 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

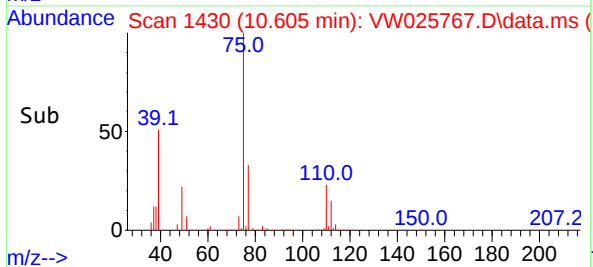
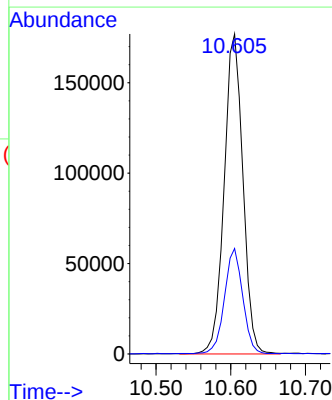
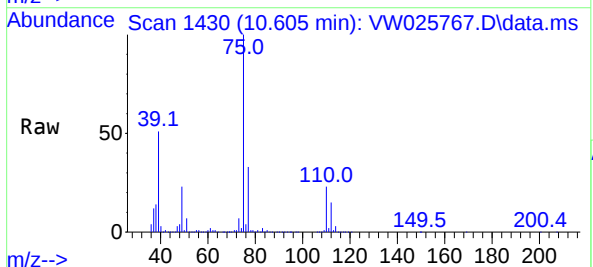
Instrument :
MSVOA_W
ClientSampleId :
DCCG0MS

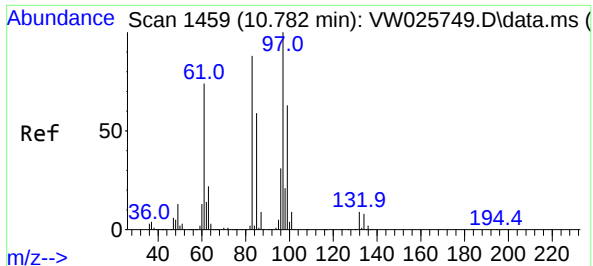
Tgt Ion: 91 Resp: 909222
Ion Ratio Lower Upper
91 100
92 57.6 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 22.656 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

Tgt Ion: 75 Resp: 308455
Ion Ratio Lower Upper
75 100
77 32.9 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 22.685 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW025767.D

Acq: 28 Apr 2023 18:04

Instrument :

MSVOA_W

ClientSampleId :

DCCG0MS

Tgt Ion: 97 Resp: 170104

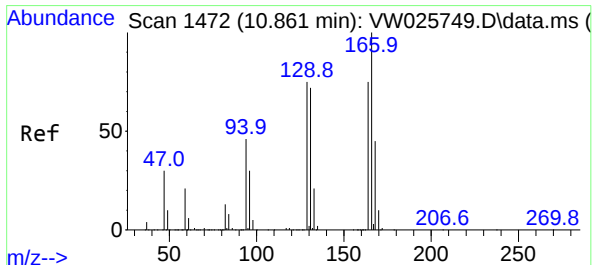
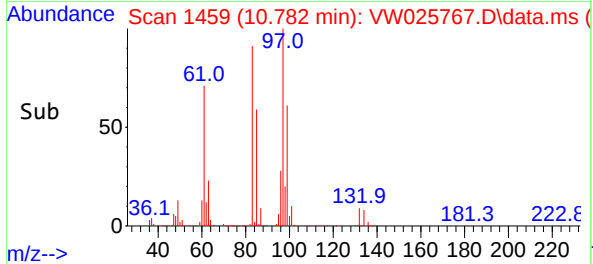
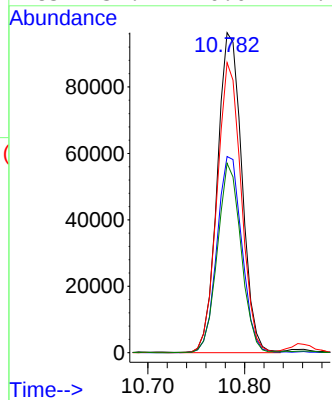
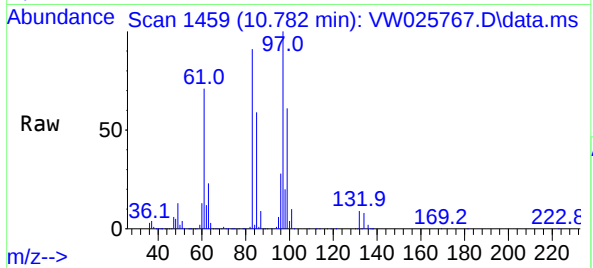
Ion Ratio Lower Upper

97 100

99 61.3 43.6 81.0

83 90.6 61.5 114.1

85 59.2 40.0 74.4



#46

Tetrachloroethene

Concen: 20.484 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW025767.D

Acq: 28 Apr 2023 18:04

Tgt Ion:164 Resp: 160866

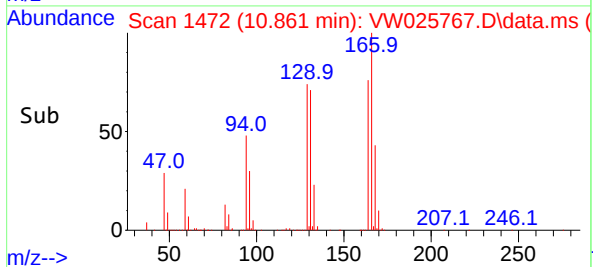
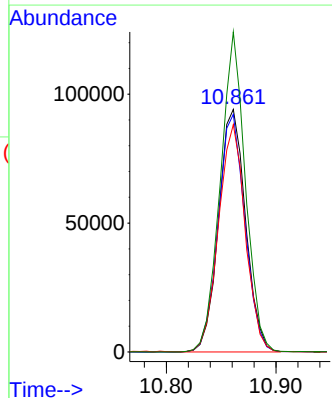
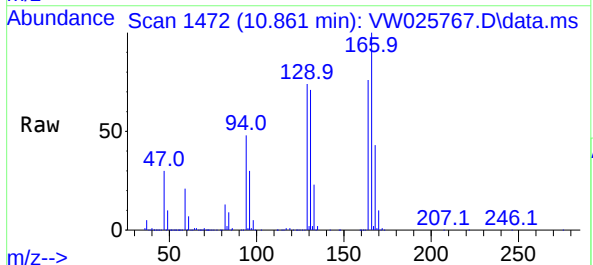
Ion Ratio Lower Upper

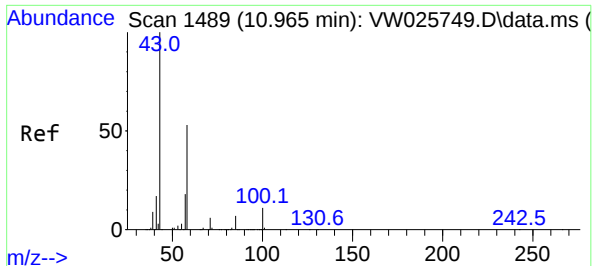
164 100

129 97.9 69.2 128.6

131 93.7 59.4 110.2

166 131.9 88.5 164.4



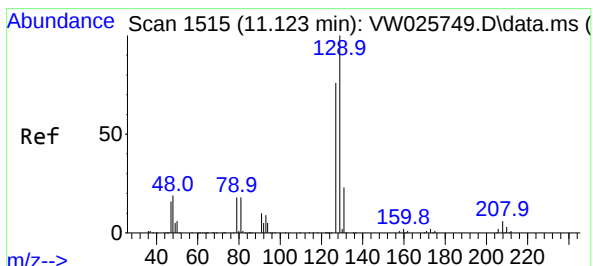
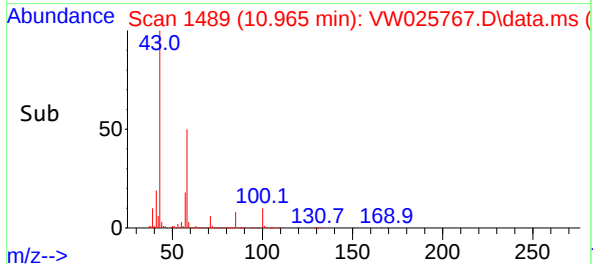
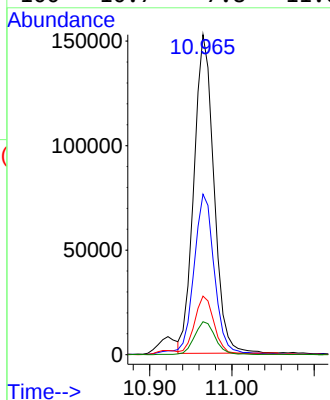
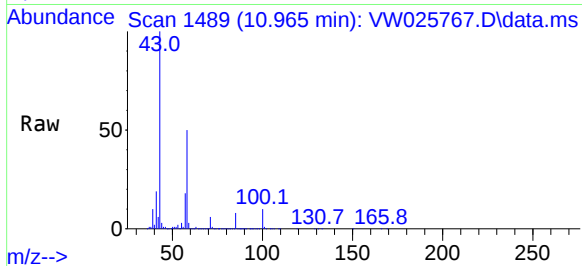


#48
2-Hexanone
Concen: 52.291 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

Instrument :
MSVOA_W
ClientSampleId :
DCCG0MS

Tgt Ion: 43 Resp: 257032

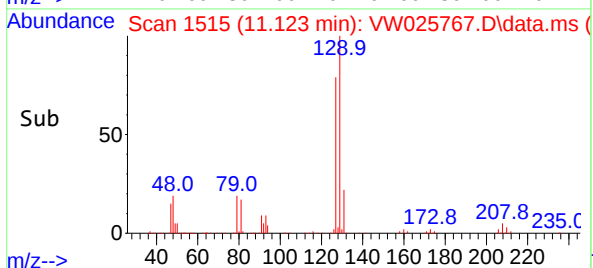
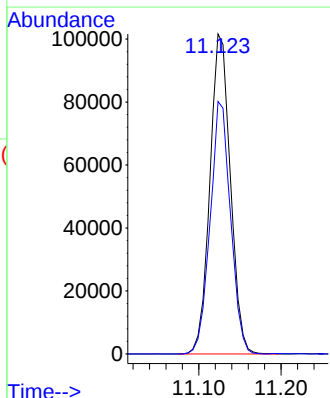
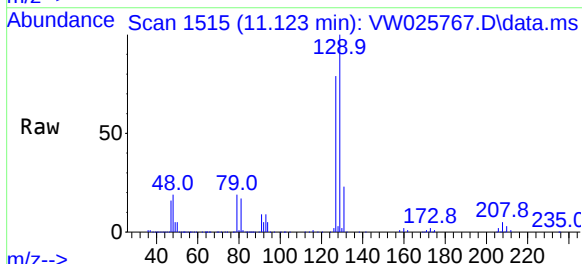
Ion	Ratio	Lower	Upper
43	100		
58	52.3	40.3	60.5
57	18.4	13.8	20.8
100	10.7	7.8	11.6

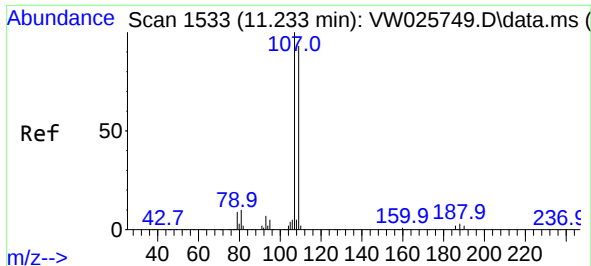


#49
Dibromochloromethane
Concen: 22.641 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

Tgt Ion: 129 Resp: 175849

Ion	Ratio	Lower	Upper
129	100		
127	78.9	51.9	96.5

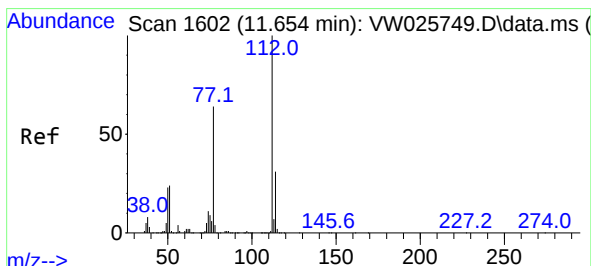
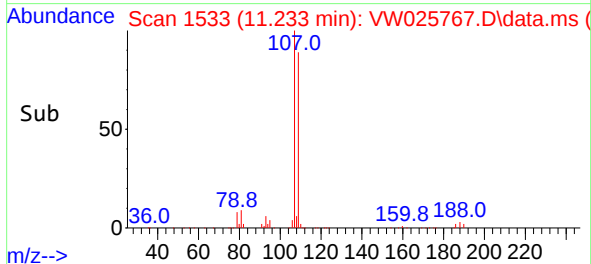
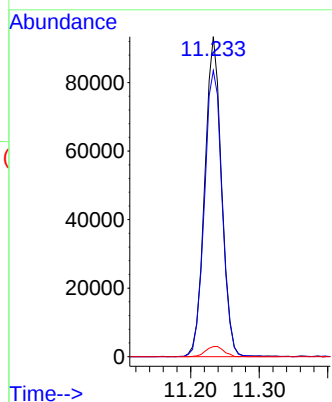
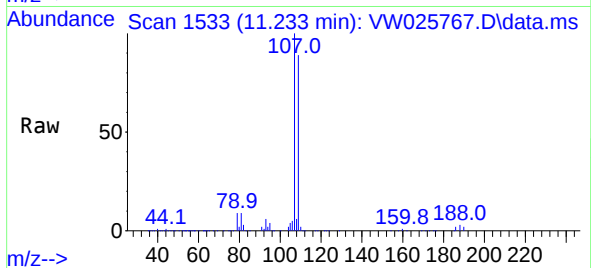




#50
1,2-Dibromoethane
Concen: 23.251 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

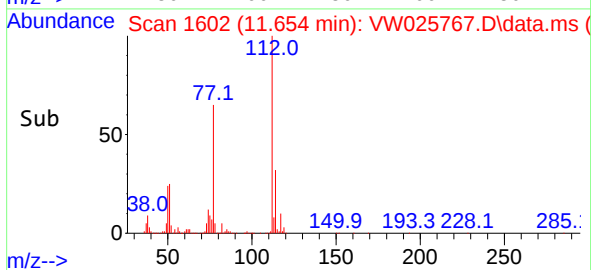
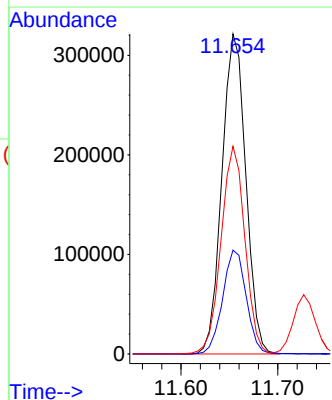
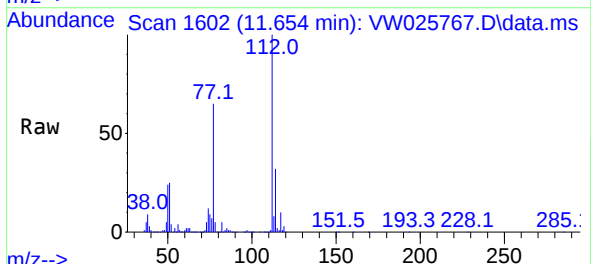
Instrument :
MSVOA_W
ClientSampleId :
DCCG0MS

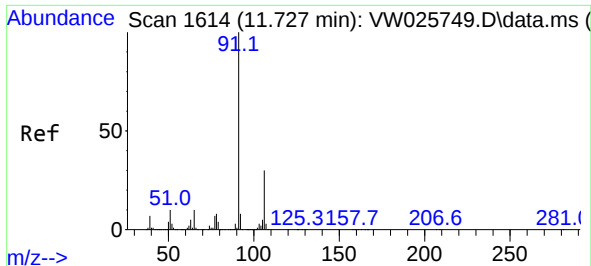
Tgt Ion:107 Resp: 159941
Ion Ratio Lower Upper
107 100
109 89.4 66.9 124.3
188 3.1 2.1 3.1#



#51
Chlorobenzene
Concen: 20.426 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

Tgt Ion:112 Resp: 550579
Ion Ratio Lower Upper
112 100
114 32.5 21.2 39.4
77 64.9 51.5 77.3





#52

Ethylbenzene

Concen: 21.061 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025767.D

Acq: 28 Apr 2023 18:04

Instrument :

MSVOA_W

ClientSampleId :

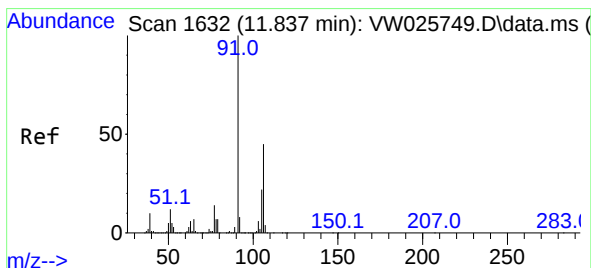
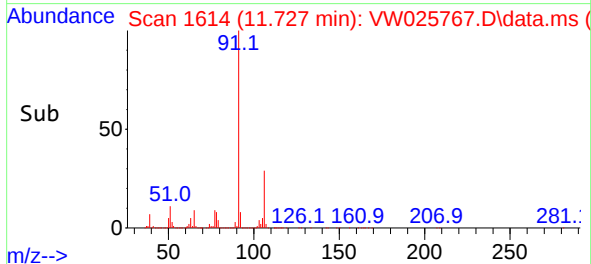
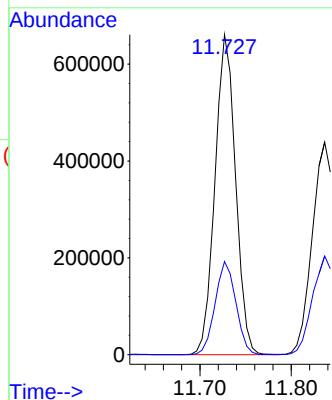
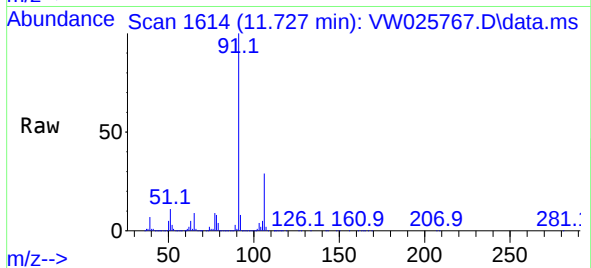
DCCG0MS

Tgt Ion: 91 Resp: 1034426

Ion Ratio Lower Upper

91 100

106 29.1 20.4 37.8



#53

m,p-Xylene

Concen: 20.615 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW025767.D

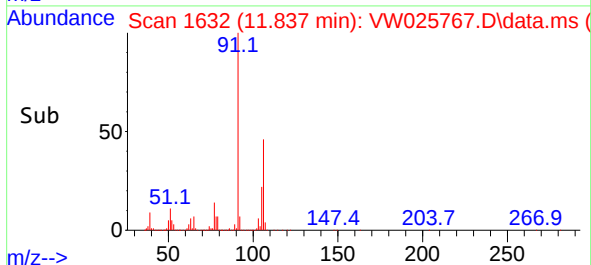
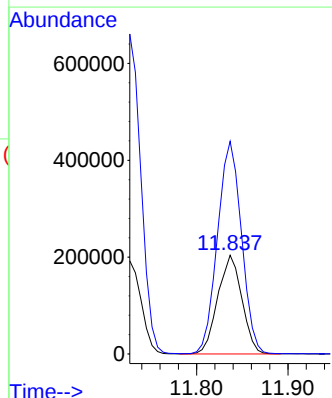
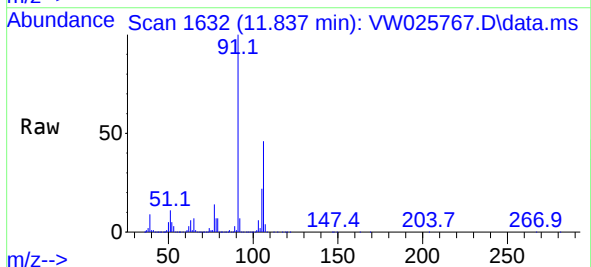
Acq: 28 Apr 2023 18:04

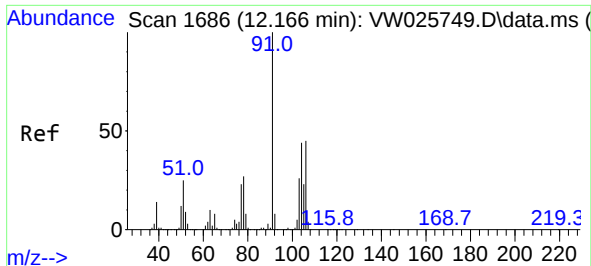
Tgt Ion:106 Resp: 373793

Ion Ratio Lower Upper

106 100

91 215.3 151.1 280.5

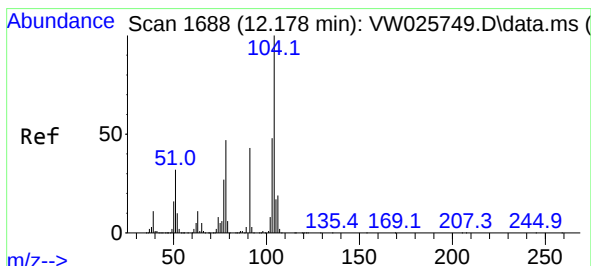
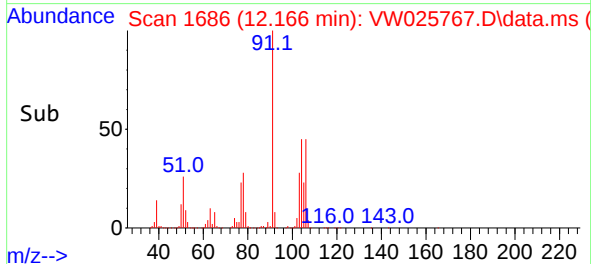
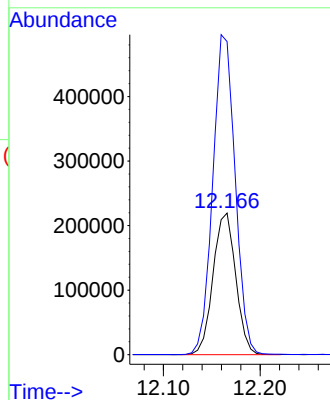
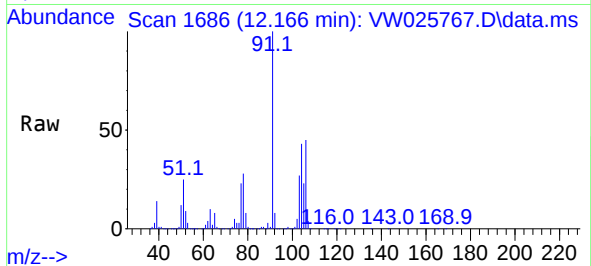




#54
o-Xylene
Concen: 21.120 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

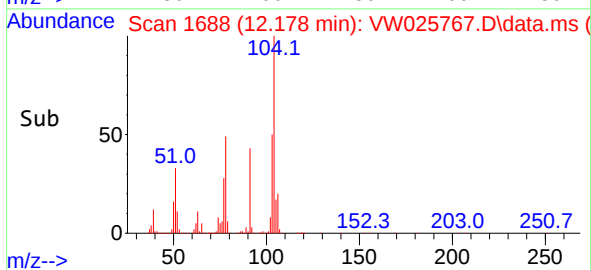
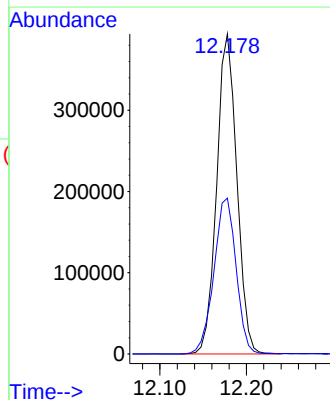
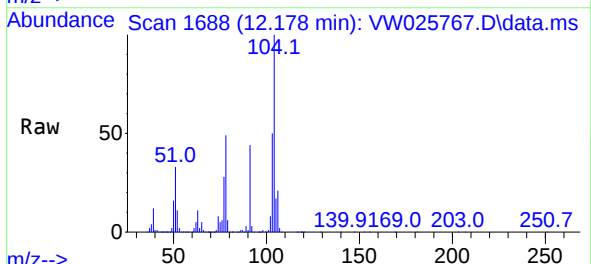
Instrument :
MSVOA_W
ClientSampleId :
DCCG0MS

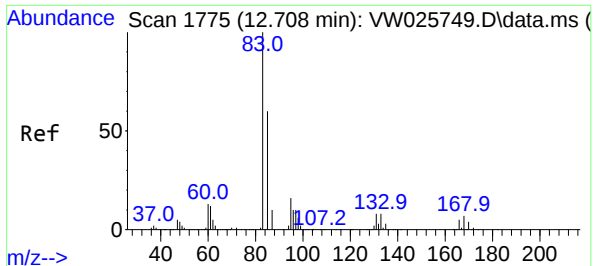
Tgt Ion:106 Resp: 357069
Ion Ratio Lower Upper
106 100
91 221.2 150.8 280.1



#55
Styrene
Concen: 22.205 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

Tgt Ion:104 Resp: 636415
Ion Ratio Lower Upper
104 100
78 48.7 34.2 63.6





#57

1,1,2-Tetrachloroethane

Concen: 23.708 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025767.D

Acq: 28 Apr 2023 18:04

Instrument :

MSVOA_W

ClientSampleId :

DCCG0MS

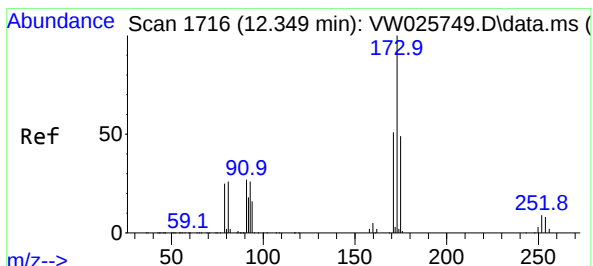
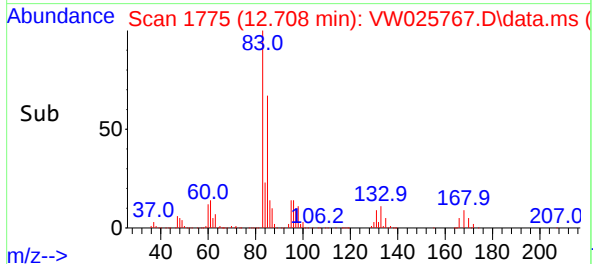
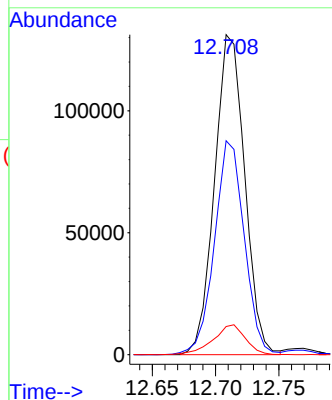
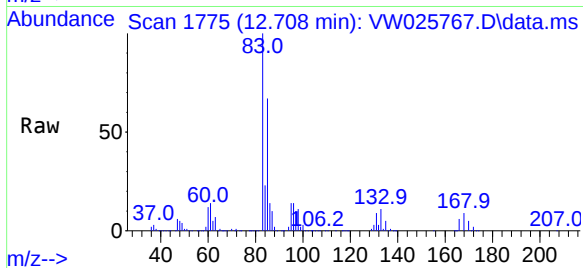
Tgt Ion: 83 Resp: 217725

Ion Ratio Lower Upper

83 100

85 66.8 42.2 78.4

131 8.8 6.6 9.8



#59

Bromoform

Concen: 24.511 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025767.D

Acq: 28 Apr 2023 18:04

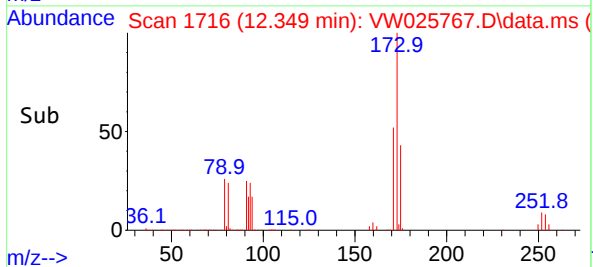
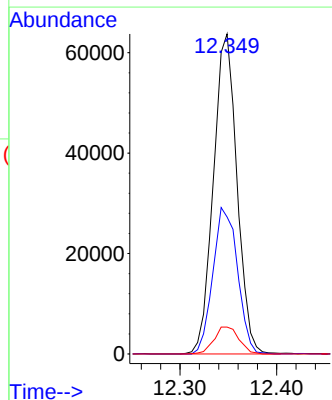
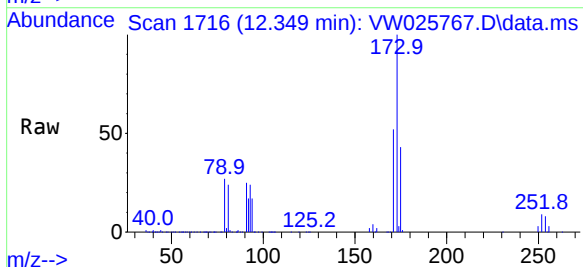
Tgt Ion:173 Resp: 107931

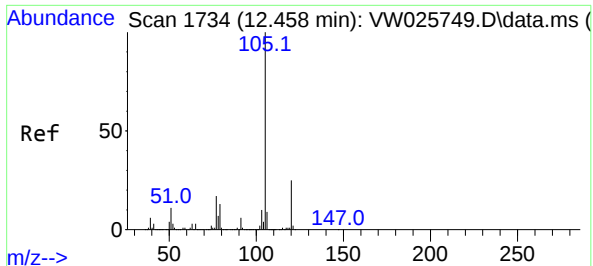
Ion Ratio Lower Upper

173 100

175 47.7 39.4 59.2

254 8.9 7.8 11.6

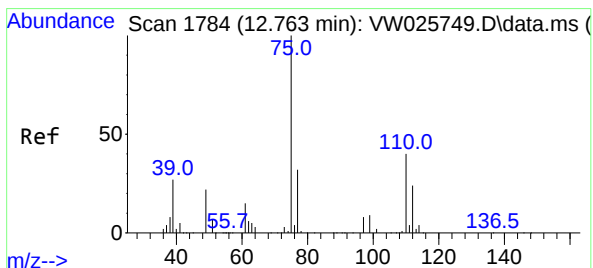
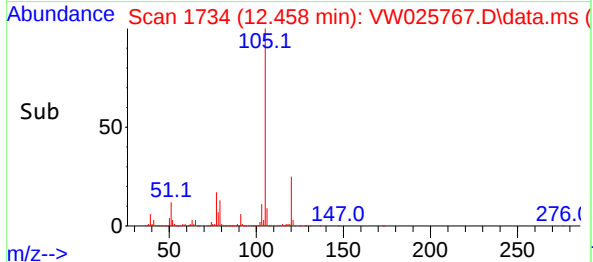
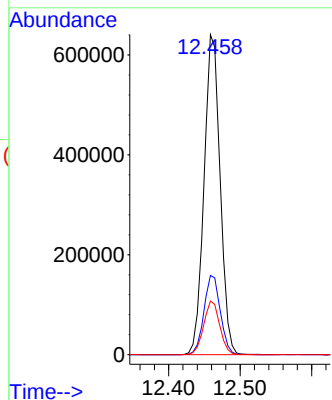
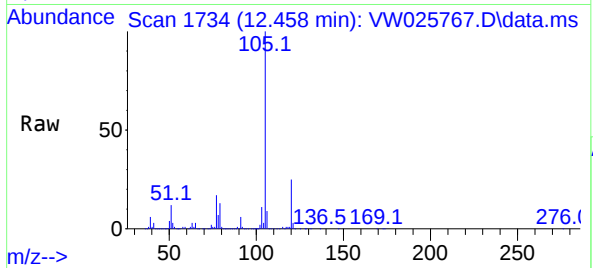




#60
Isopropylbenzene
Concen: 20.501 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

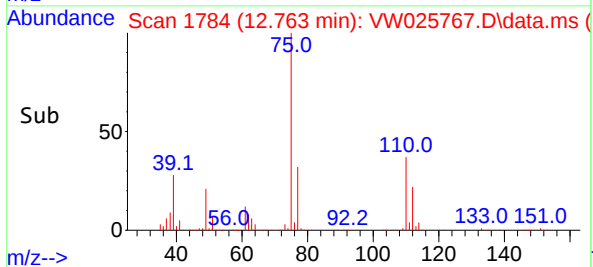
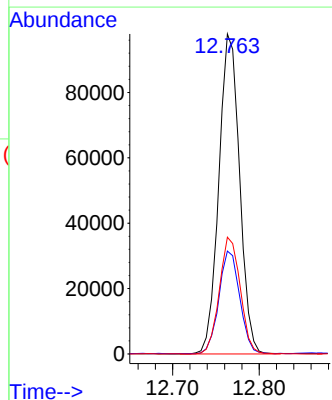
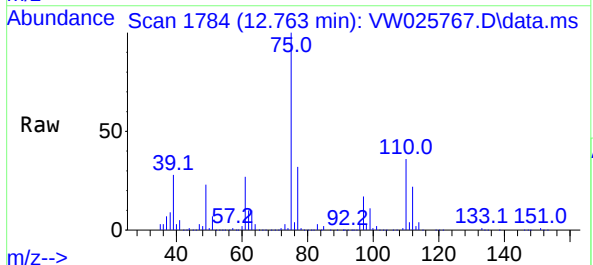
Instrument :
MSVOA_W
ClientSampleId :
DCCG0MS

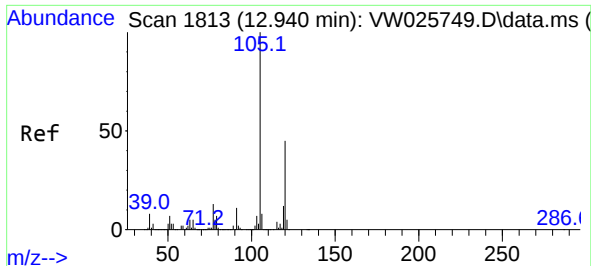
Tgt Ion:105 Resp: 1000680
Ion Ratio Lower Upper
105 100
120 25.2 20.9 31.3
77 16.7 13.8 20.6



#61
1,2,3-Trichloropropane
Concen: 23.576 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

Tgt Ion: 75 Resp: 162952
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
110 36.8 28.7 43.1

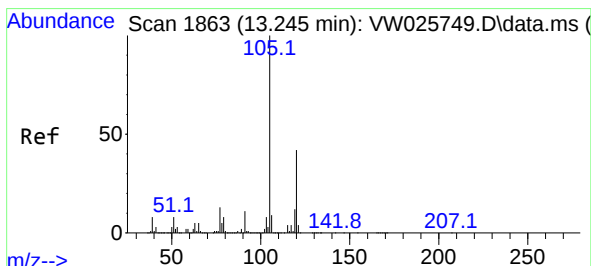
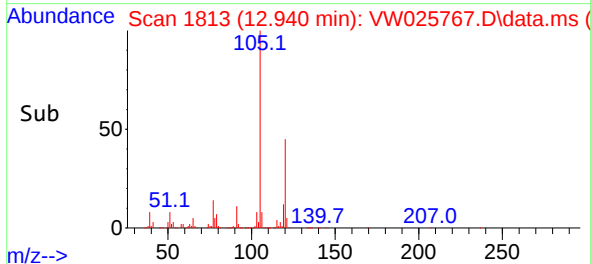
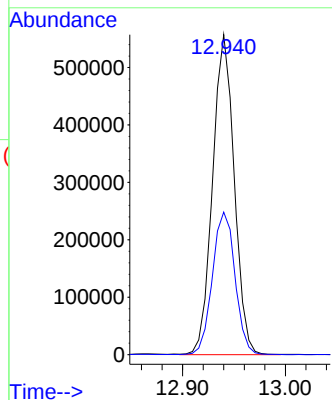
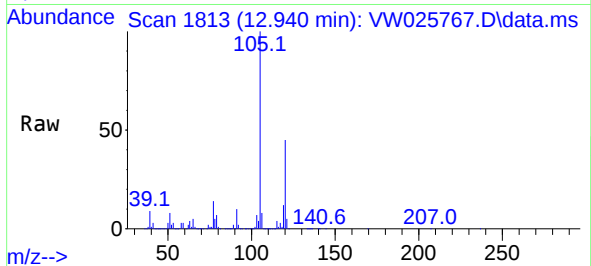




#62
1,3,5-Trimethylbenzene
Concen: 21.188 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

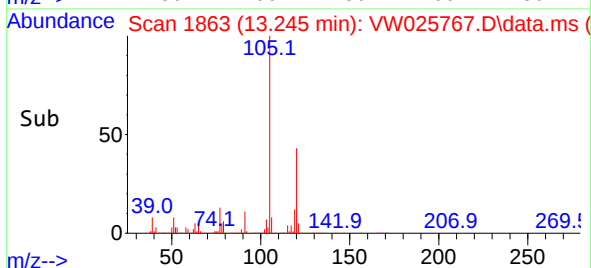
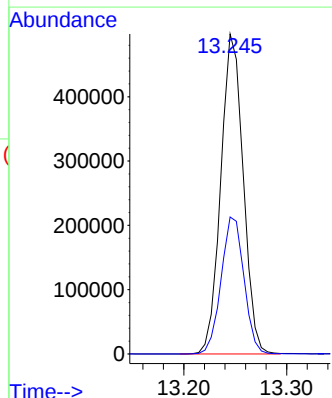
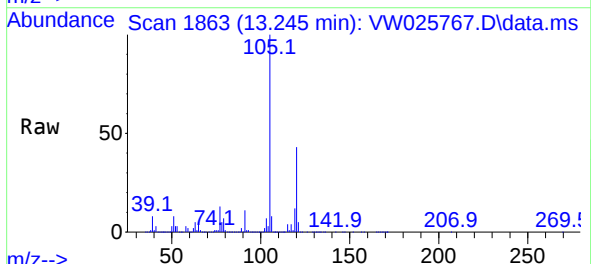
Instrument :
MSVOA_W
ClientSampleId :
DCCG0MS

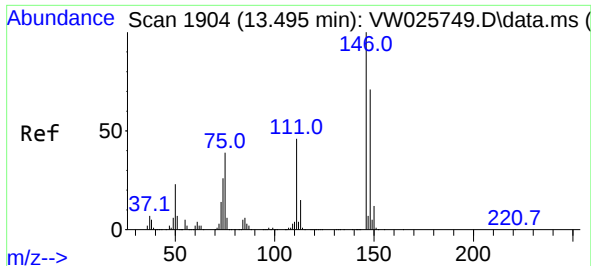
Tgt Ion:105 Resp: 813162
Ion Ratio Lower Upper
105 100
120 46.7 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 21.704 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

Tgt Ion:105 Resp: 752423
Ion Ratio Lower Upper
105 100
120 43.7 35.7 53.5

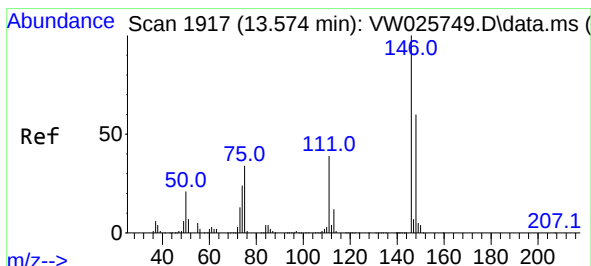
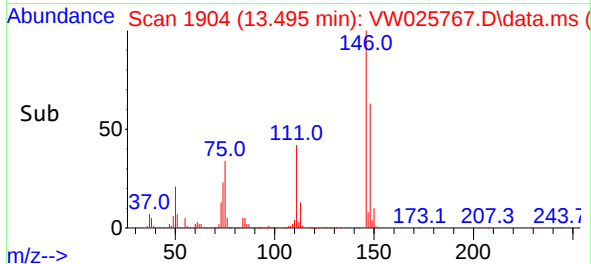
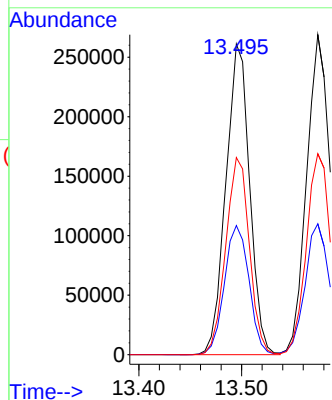
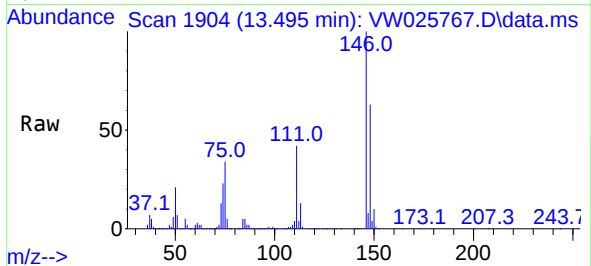




#64
1,3-Dichlorobenzene
Concen: 20.394 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

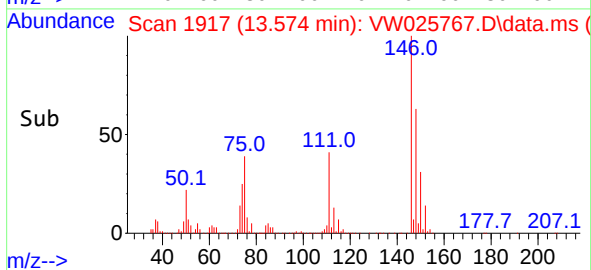
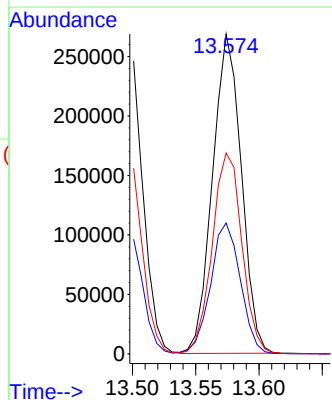
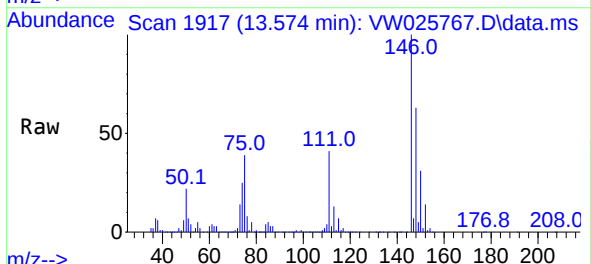
Instrument :
MSVOA_W
ClientSampleId :
DCCG0MS

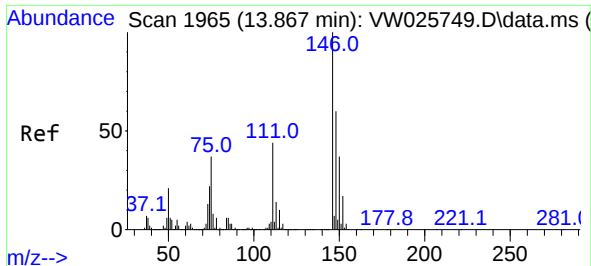
Tgt Ion:146 Resp: 420090
Ion Ratio Lower Upper
146 100
111 41.6 33.0 61.4
148 63.5 48.6 90.3



#65
1,4-Dichlorobenzene
Concen: 20.354 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

Tgt Ion:146 Resp: 425098
Ion Ratio Lower Upper
146 100
111 40.9 30.4 56.4
148 62.8 49.3 91.5

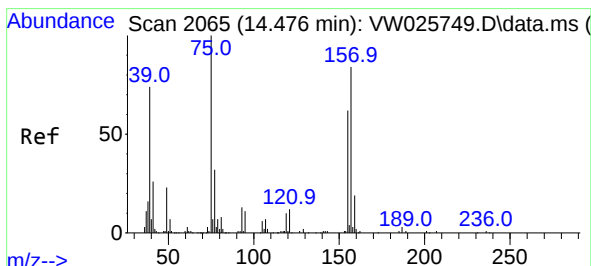
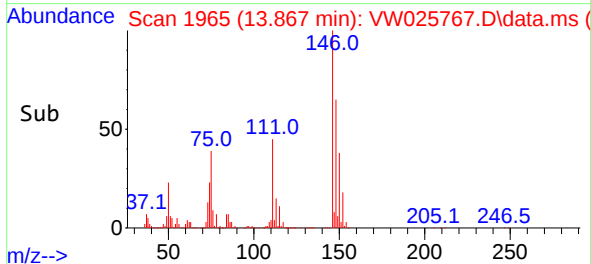
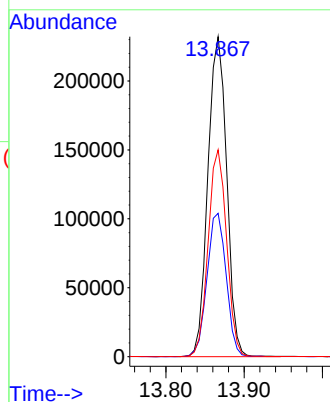
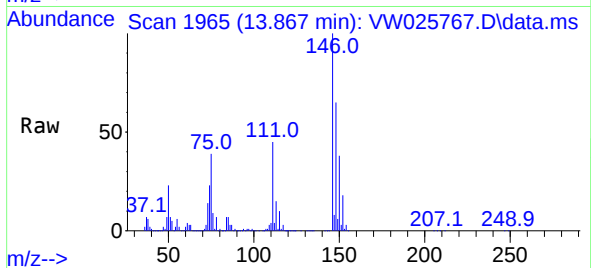




#67
1,2-Dichlorobenzene
Concen: 21.303 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

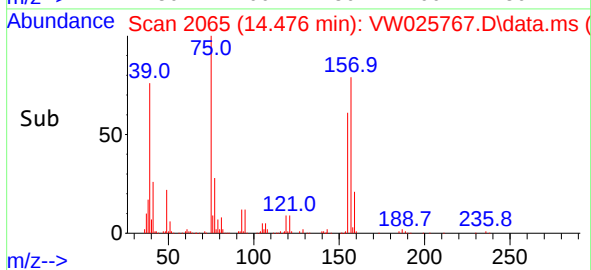
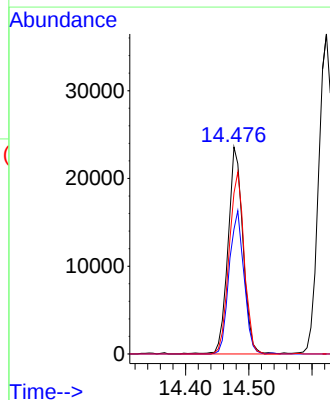
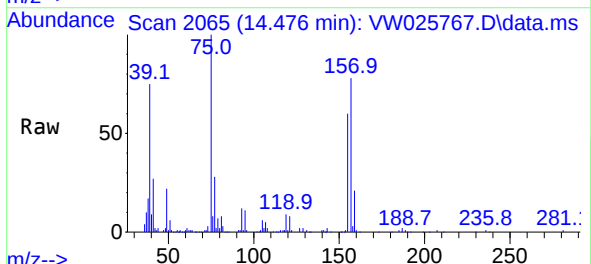
Instrument :
MSVOA_W
ClientSampleId :
DCCG0MS

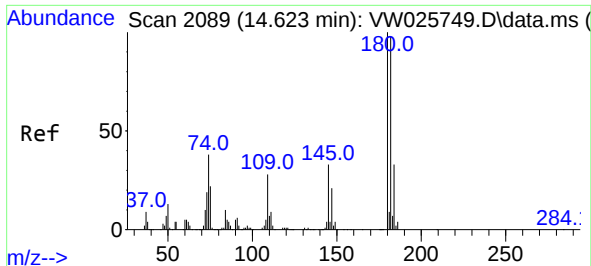
Tgt Ion:146 Resp: 387152
Ion Ratio Lower Upper
146 100
111 44.8 36.2 54.2
148 64.7 50.2 75.4



#68
1,2-Dibromo-3-chloropropane
Concen: 24.417 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

Tgt Ion: 75 Resp: 38638
Ion Ratio Lower Upper
75 100
155 60.3 50.3 75.5
157 77.7 68.4 102.6

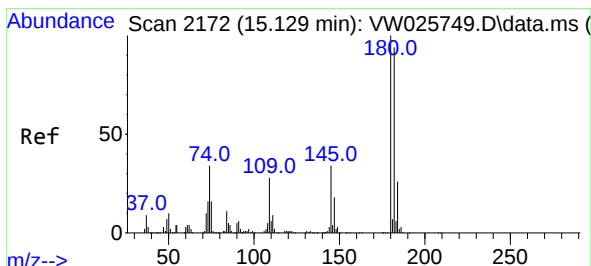
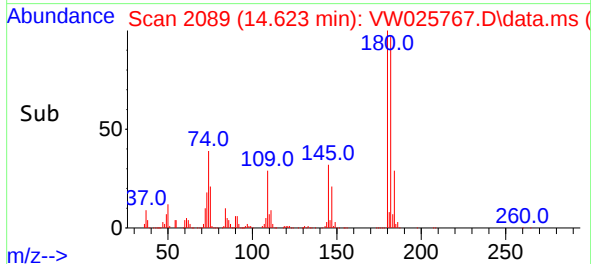
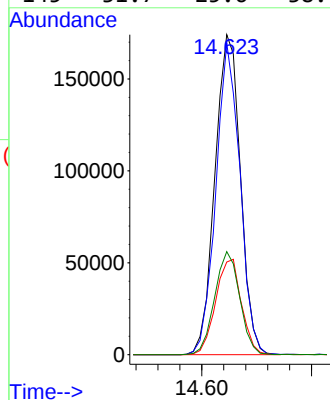
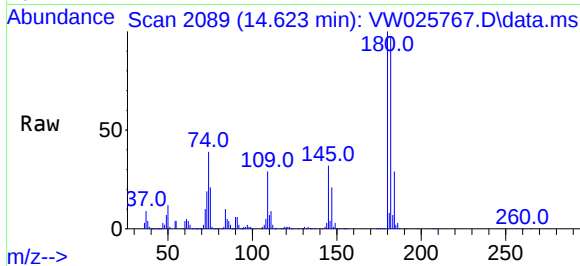




#69
1,3,5-Trichlorobenzene
Concen: 20.969 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

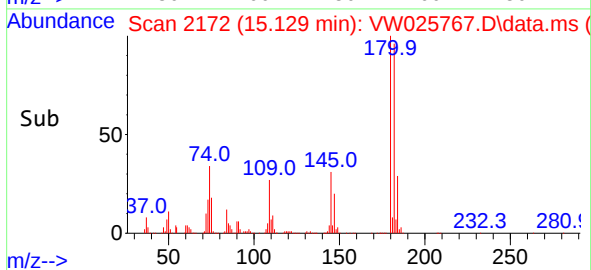
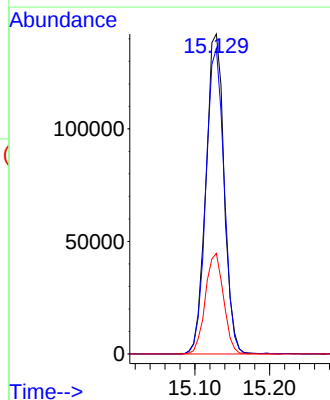
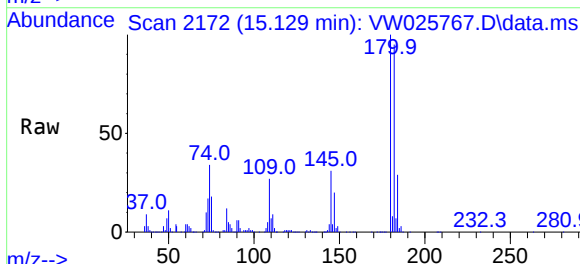
Instrument :
MSVOA_W
ClientSampleId :
DCCG0MS

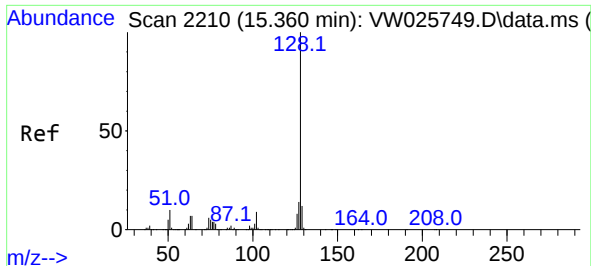
Tgt Ion:	180	Resp:	281021
Ion Ratio	Lower	Upper	
180	100		
182	91.9	79.0	118.4
184	30.2	23.8	35.8
145	31.7	25.6	38.4



#70
1,2,4-trichlorobenzene
Concen: 20.982 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

Tgt Ion:	180	Resp:	240103
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.7	115.1
145	31.4	26.4	39.6

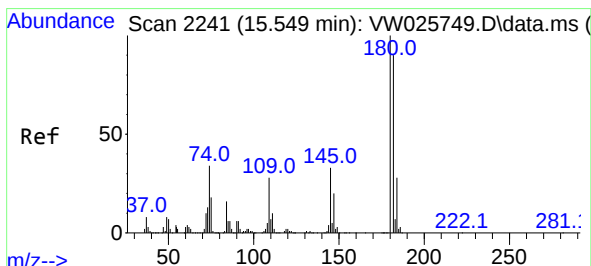
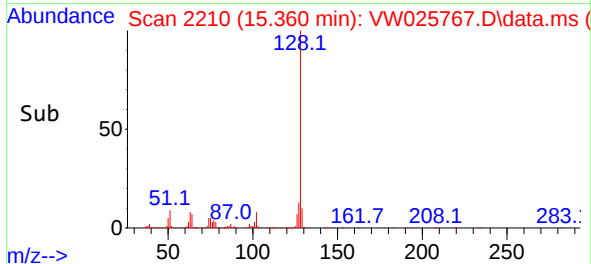
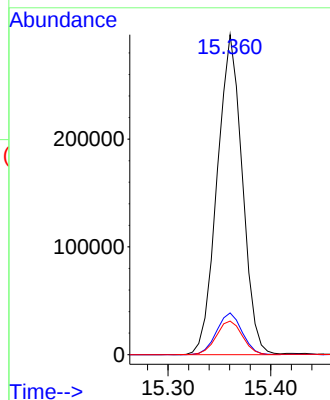
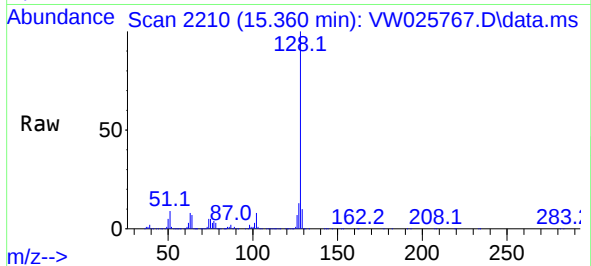




#71
Naphthalene
Concen: 24.674 ug/L
RT: 15.360 min Scan# 211
Delta R.T. -0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

Instrument :
MSVOA_W
ClientSampleId :
DCCG0MS

Tgt Ion:128 Resp: 504311
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 22.179 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW025767.D
Acq: 28 Apr 2023 18:04

Tgt Ion:180 Resp: 224013
Ion Ratio Lower Upper
180 100
182 89.1 75.6 113.4
145 34.0 27.4 41.0

