

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060324\
 Data File : VW028957.D
 Acq On : 03 Jun 2024 12:07
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 04 02:19:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 04 02:14:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	343811	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	316226	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	154518	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	138627	25.381	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.520%
7) Chloroethane-d5	2.899	69	109997	26.226	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.920%
11) 1,1-Dichloroethene-d2	4.021	65	62022	25.836	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.360%
21) 2-Butanone-d5	7.075	46	66454	59.549	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.100%
24) Chloroform-d	7.648	84	258001	26.304	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	8.307	65	140520	27.212	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.840%
32) Benzene-d6	8.276	84	524178	27.007	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.040%
36) 1,2-Dichloropropane-d6	9.270	67	157136	26.702	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.800%
41) Toluene-d8	10.319	98	476623	27.518	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.080%
43) trans-1,3-Dichloroprop...	10.575	79	62932	27.830	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.320%
47) 2-Hexanone-d5	10.922	63	45817	58.998	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.000%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	114288	27.956	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.840%
66) 1,2-Dichlorobenzene-d4	13.849	152	147082	26.824	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	87554	22.301	ug/L	96
3) Chloromethane	2.223	50	121393	25.309	ug/L	98
5) Vinyl chloride	2.375	62	139201	23.976	ug/L	97
6) Bromomethane	2.790	94	86708	24.926	ug/L	98
8) Chloroethane	2.930	64	87774	25.034	ug/L	97
9) Trichlorofluoromethane	3.265	101	115051	23.839	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	111093	23.329	ug/L #	68
12) 1,1-Dichloroethene	4.045	96	111725	25.708	ug/L	98
13) Acetone	4.119	43	63424	54.233	ug/L	98
14) Carbon disulfide	4.393	76	373087	25.357	ug/L	98
15) Methyl Acetate	4.667	43	59190	30.474	ug/L	99
16) Methylene chloride	4.917	84	123183	23.872	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	122077	25.764	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	192105	29.074	ug/L #	90
19) 1,1-Dichloroethane	6.216	63	244663	26.264	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	135287	27.235	ug/L	97
22) 2-Butanone	7.167	43	84495	59.959	ug/L	100
23) Bromochloromethane	7.514	128	57707	26.613	ug/L	98
25) Chloroform	7.673	83	241047	26.641	ug/L	98

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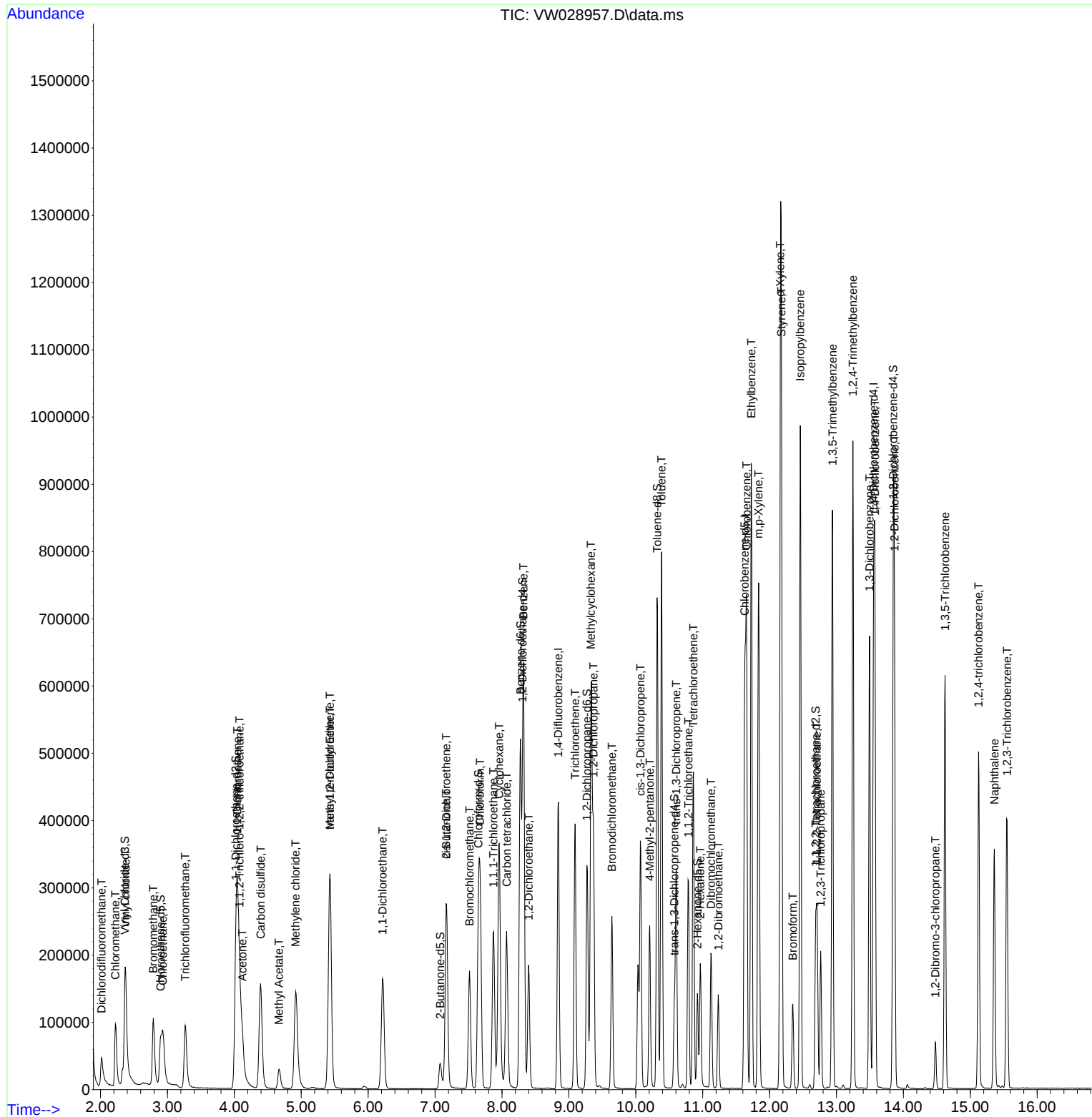
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	166115	27.397	ug/L	97
29) Cyclohexane	7.959	56	214942	27.338	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	190501	26.000	ug/L	100
31) Carbon tetrachloride	8.069	117	172538	25.853	ug/L	99
33) Benzene	8.319	78	530704	26.990	ug/L	100
34) Trichloroethene	9.093	95	139397	26.966	ug/L	91
35) Methylcyclohexane	9.331	83	239441	27.304	ug/L	99
37) 1,2-Dichloropropane	9.368	63	140158	27.220	ug/L	99
38) Bromodichloromethane	9.642	83	169862	27.049	ug/L #	99
39) cis-1,3-Dichloropropene	10.069	75	214764	28.700	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	164510	62.813	ug/L	98
42) Toluene	10.386	91	554367	27.598	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	175930	29.163	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	95049	27.332	ug/L	96
46) Tetrachloroethene	10.861	164	101571	25.862	ug/L	97
48) 2-Hexanone	10.965	43	121835	62.046	ug/L	99
49) Dibromochloromethane	11.123	129	103272	28.116	ug/L	90
50) 1,2-Dibromoethane	11.233	107	91884	28.944	ug/L	96
51) Chlorobenzene	11.654	112	348116	26.979	ug/L	93
52) Ethylbenzene	11.727	91	635872	27.862	ug/L	97
53) m,p-Xylene	11.837	106	234923	27.791	ug/L	87
54) o-Xylene	12.160	106	226948	28.994	ug/L	96
55) Styrene	12.178	104	382515	28.345	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	116379	29.645	ug/L	99
59) Bromoform	12.349	173	55422	27.893	ug/L	95
60) Isopropylbenzene	12.459	105	611657	27.970	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	84039	28.833	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	456080	28.675	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	494726	29.432	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	255021	27.137	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	264207	26.919	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	238641	28.333	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	18465	29.723	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	184012	28.519	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	151796	29.027	ug/L	95
71) Naphthalene	15.360	128	287702	32.289	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	132947	29.756	ug/L	98

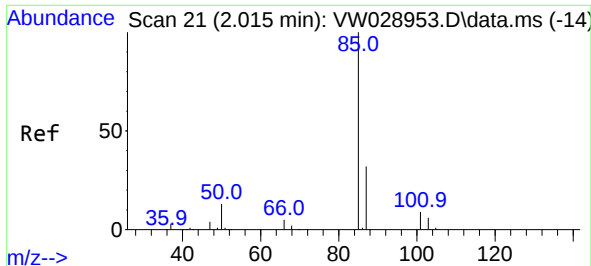
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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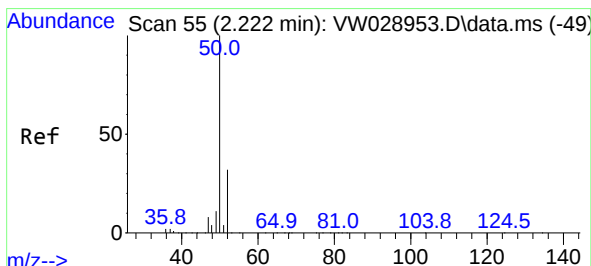
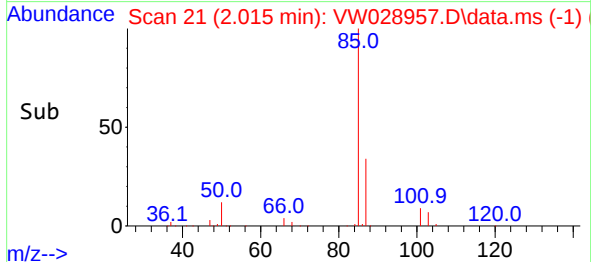
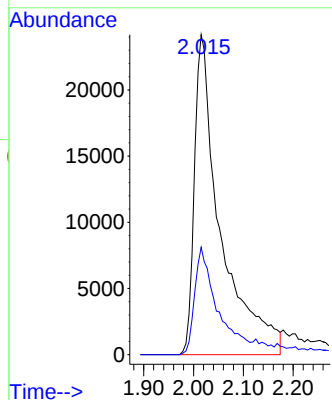
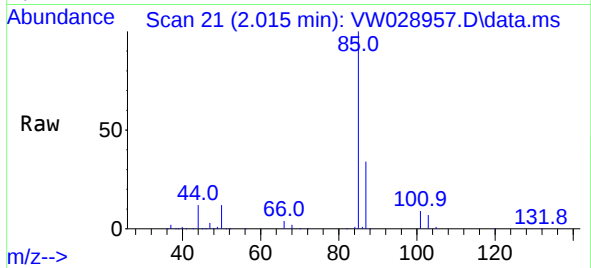




#2
Dichlorodifluoromethane
Concen: 22.301 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

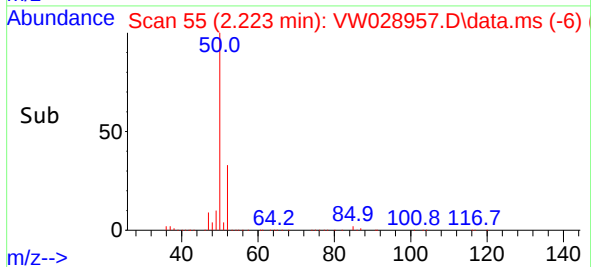
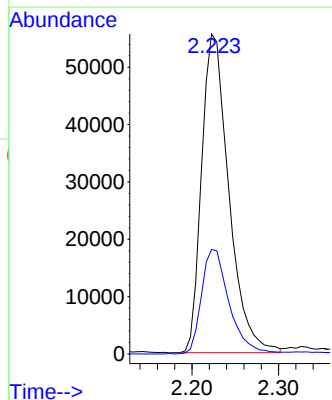
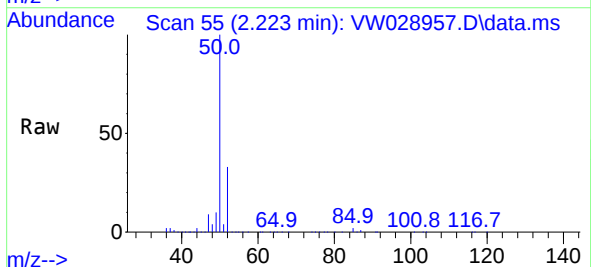
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MSVOA_W
ClientSampleId :

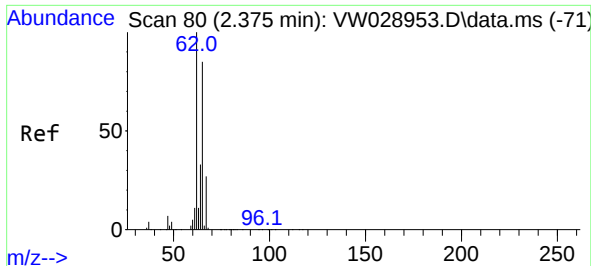
Tgt Ion: 85 Resp: 87554
Ion Ratio Lower Upper
85 100
87 29.4 25.3 37.9



#3
Chloromethane
Concen: 25.309 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

Tgt Ion: 50 Resp: 121393
Ion Ratio Lower Upper
50 100
52 32.6 22.1 41.1

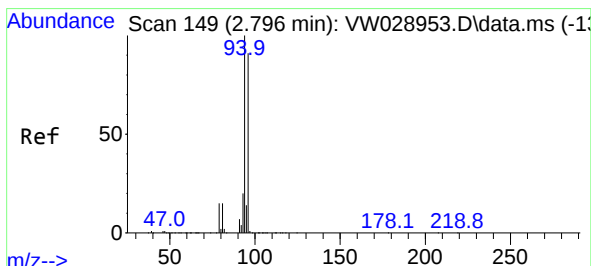
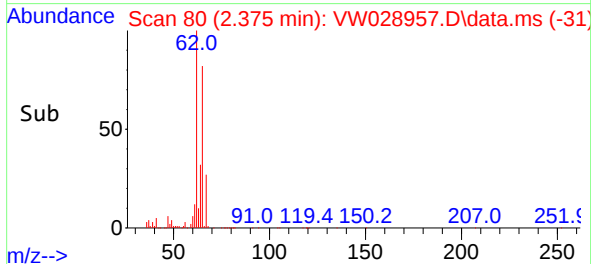
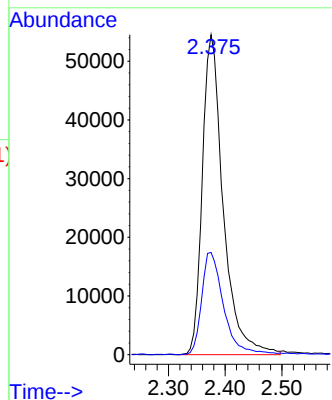
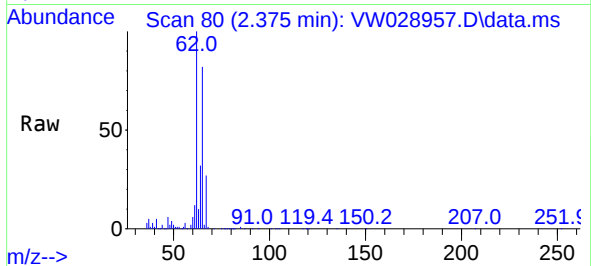




#5
 Vinyl chloride
 Concen: 23.976 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028957.D
 Acq: 03 Jun 2024 12:07

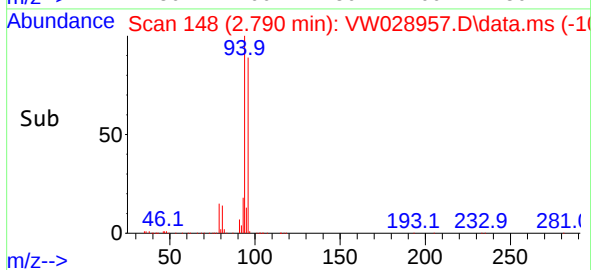
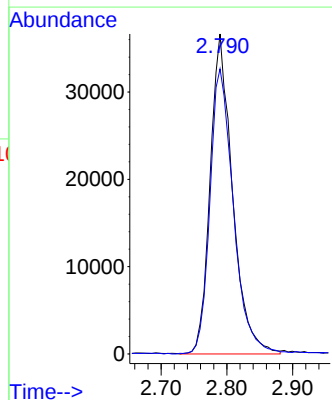
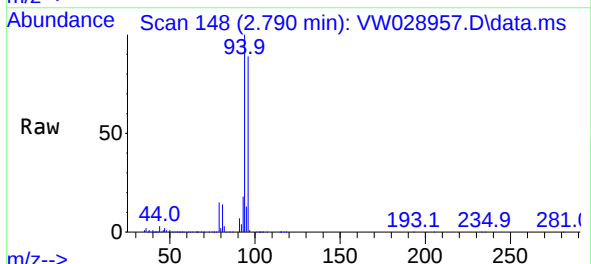
Instrument :
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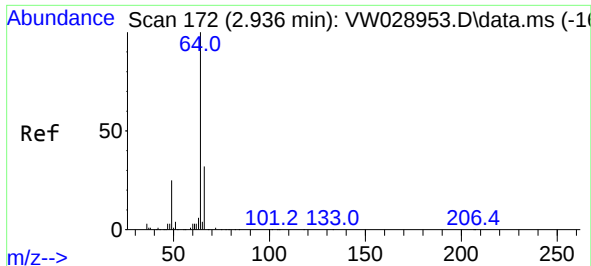
Tgt Ion: 62 Resp: 139201
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.4 43.4



#6
 Bromomethane
 Concen: 24.926 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW028957.D
 Acq: 03 Jun 2024 12:07

Tgt Ion: 94 Resp: 86708
 Ion Ratio Lower Upper
 94 100
 96 89.1 63.7 118.3

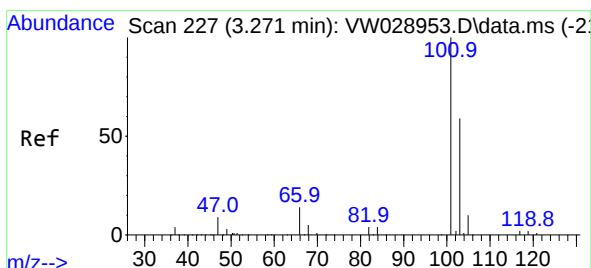
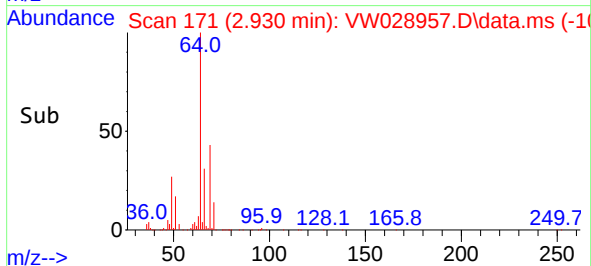
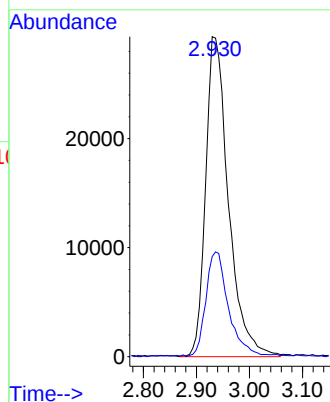
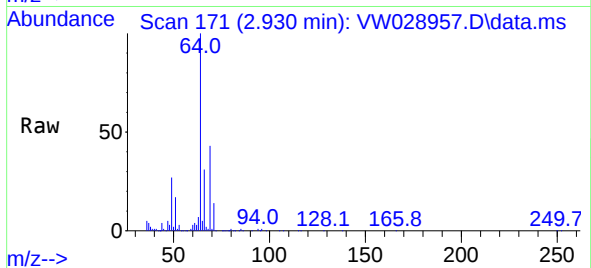




#8
Chloroethane
Concen: 25.034 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

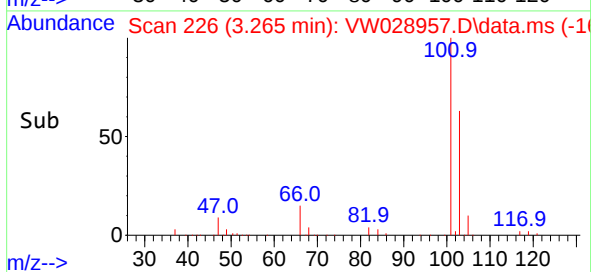
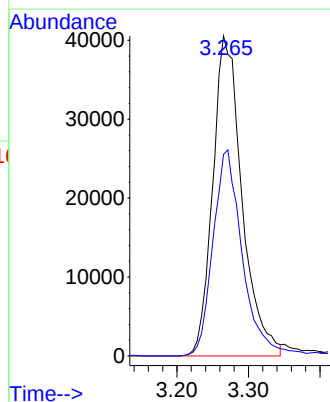
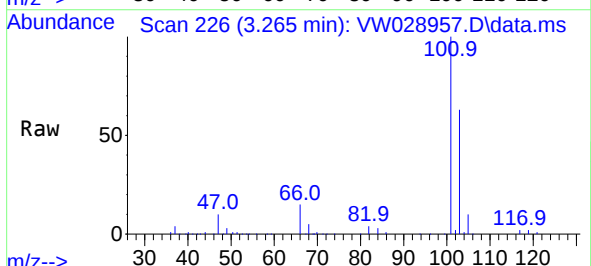
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MSVOA_W
ClientSampleId :

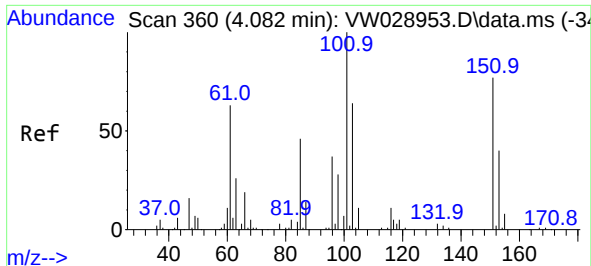
Tgt Ion: 64 Resp: 87774
Ion Ratio Lower Upper
64 100
66 31.3 22.9 42.5



#9
Trichlorofluoromethane
Concen: 23.839 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

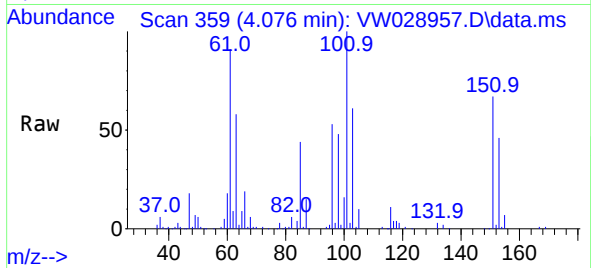
Tgt Ion:101 Resp: 115051
Ion Ratio Lower Upper
101 100
103 64.9 51.3 76.9



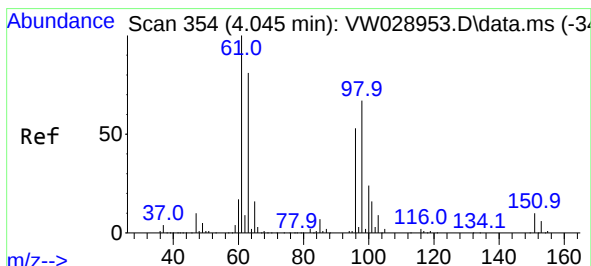
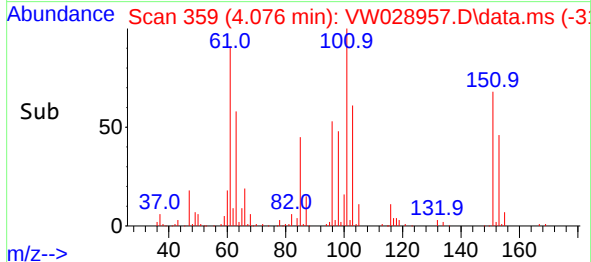
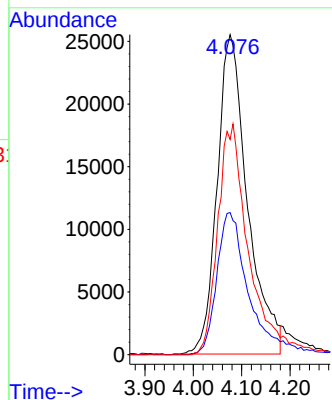


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.329 ug/L
RT: 4.076 min Scan# 311
Delta R.T. -0.006 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

Instrument :
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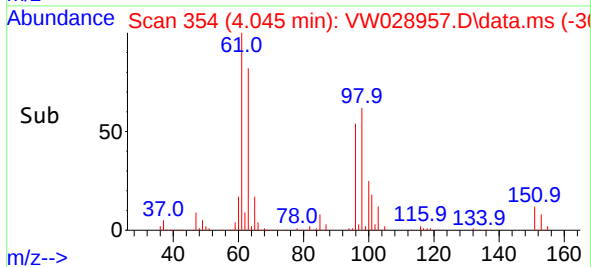
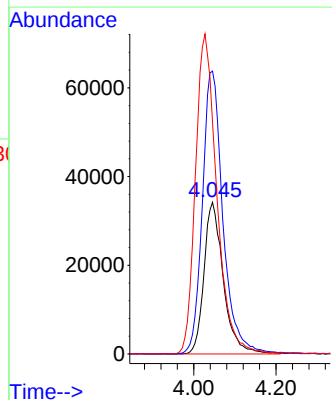
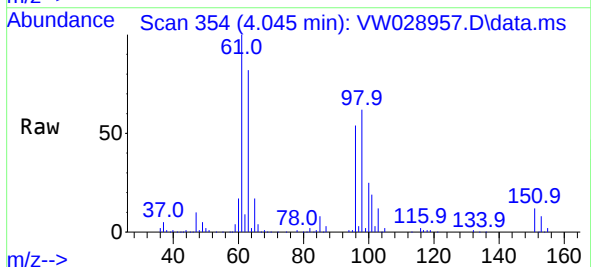


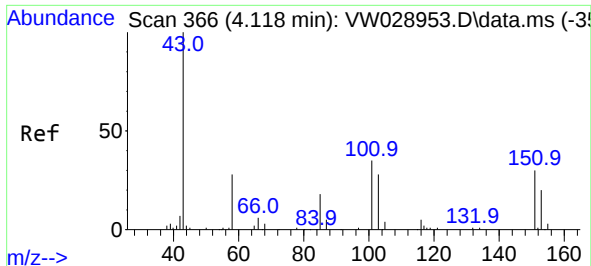
Tgt Ion:101 Resp: 111093
Ion Ratio Lower Upper
101 100
85 46.5 35.8 53.8
151 31.6 58.5 87.7#



#12
1,1-Dichloroethene
Concen: 25.708 ug/L
RT: 4.045 min Scan# 354
Delta R.T. 0.000 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

Tgt Ion: 96 Resp: 111725
Ion Ratio Lower Upper
96 100
61 186.4 132.2 245.4
63 152.8 108.4 201.2

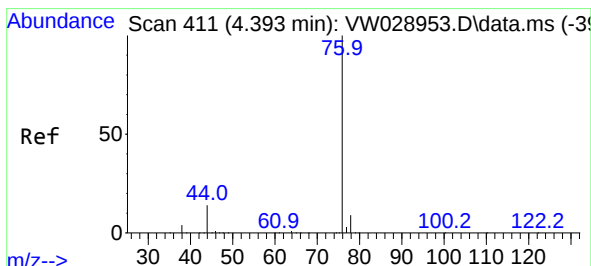
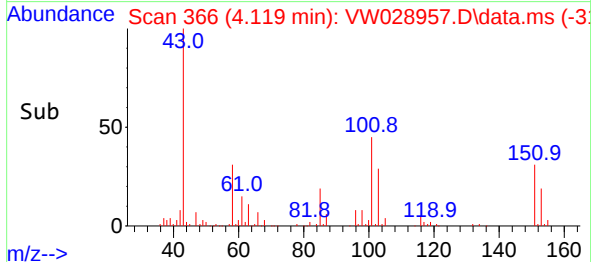
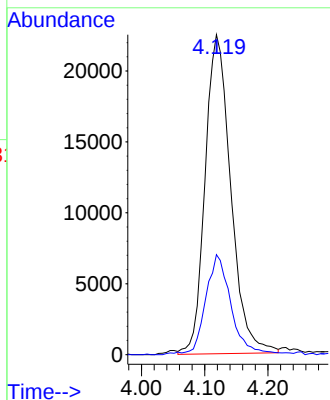
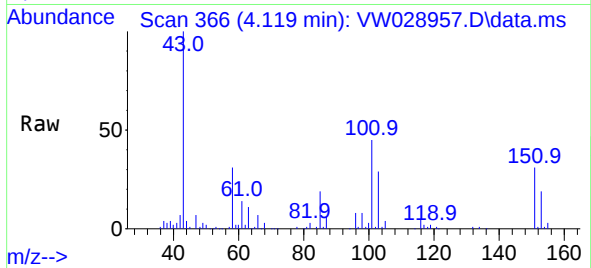




#13
Acetone
Concen: 54.233 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

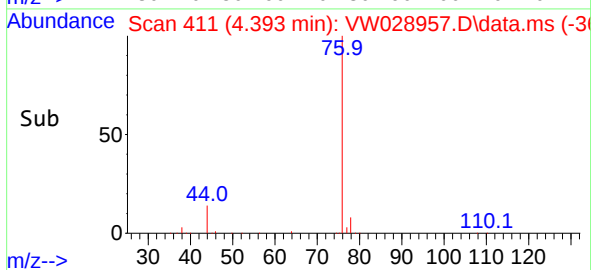
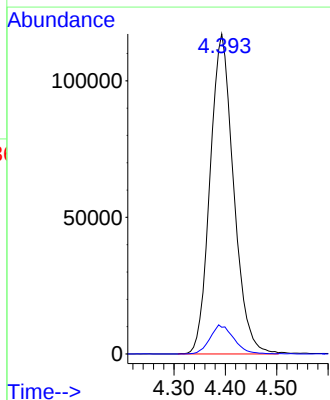
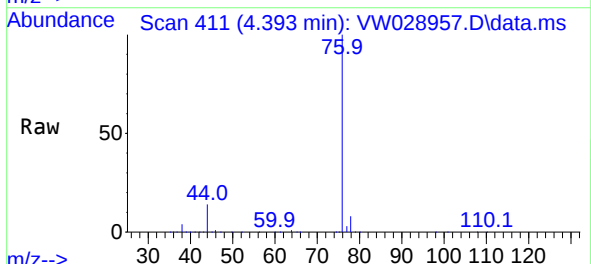
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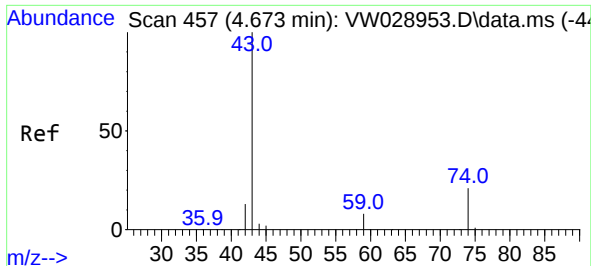
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Ion Ratio Lower Upper
43 100
58 30.7 0.0 59.4



#14
Carbon disulfide
Concen: 25.357 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

Tgt Ion: 76 Resp: 373087
Ion Ratio Lower Upper
76 100
78 8.3 7.2 10.8

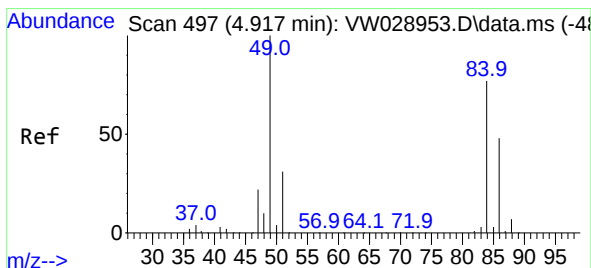
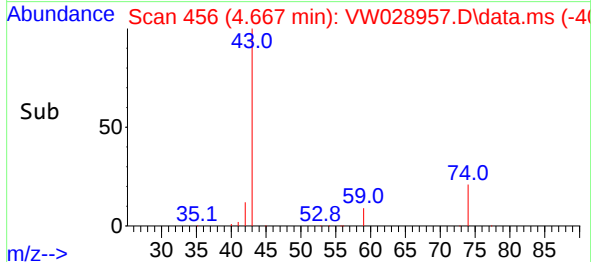
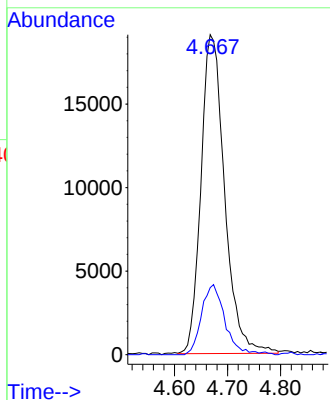
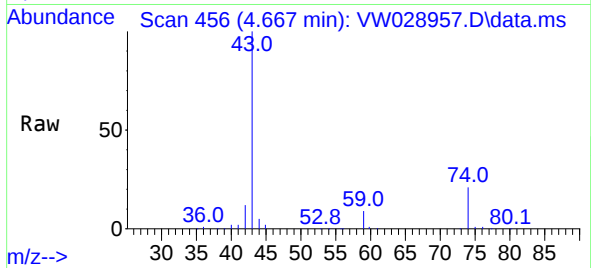




#15
Methyl Acetate
Concen: 30.474 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

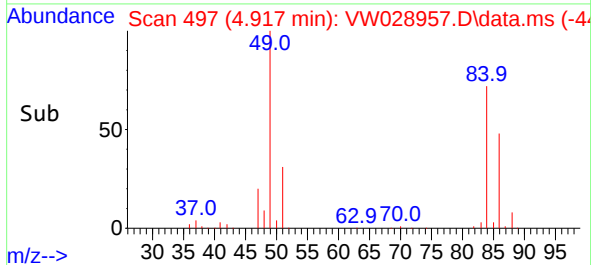
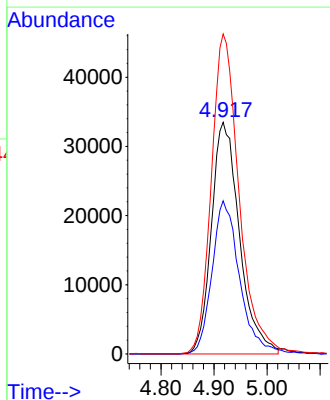
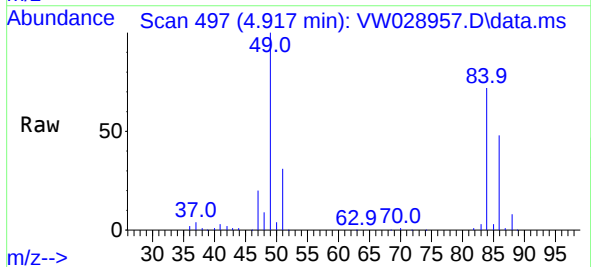
Instrument :
MSVOA_W
ClientSampleId :

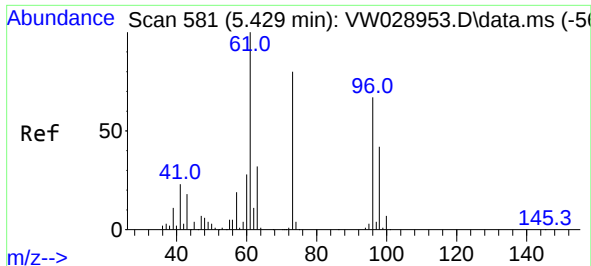
Tgt Ion: 43 Resp: 59190
Ion Ratio Lower Upper
43 100
74 21.2 17.4 26.2



#16
Methylene chloride
Concen: 23.872 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

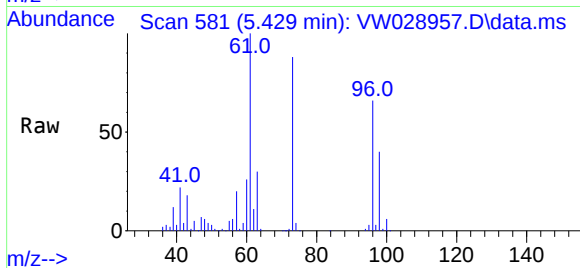
Tgt Ion: 84 Resp: 123183
Ion Ratio Lower Upper
84 100
86 66.1 43.8 81.4
49 138.2 91.3 169.5





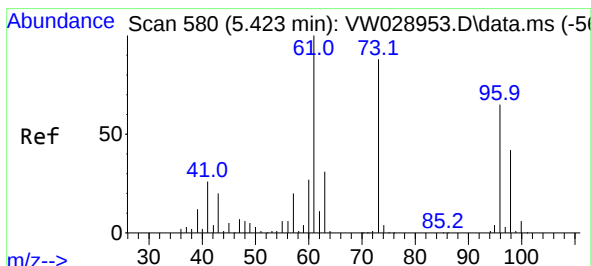
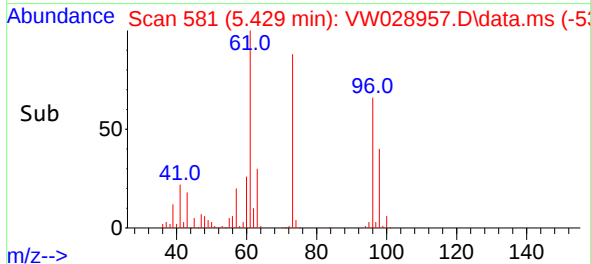
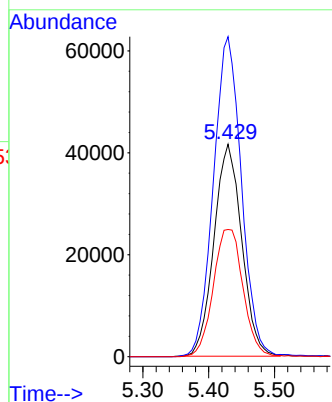
#17
trans-1,2-Dichloroethene
Concen: 25.764 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 122077

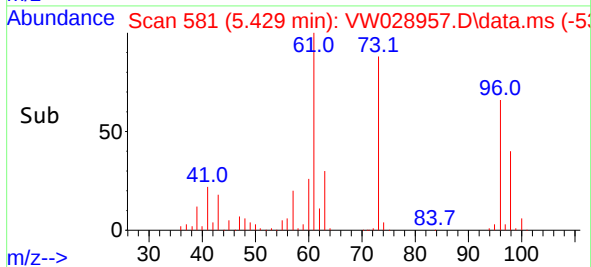
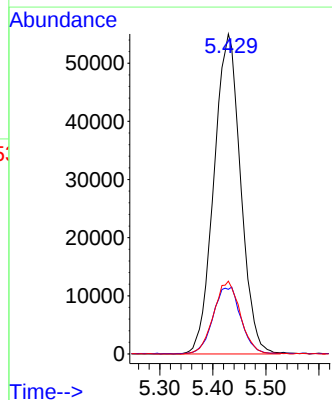
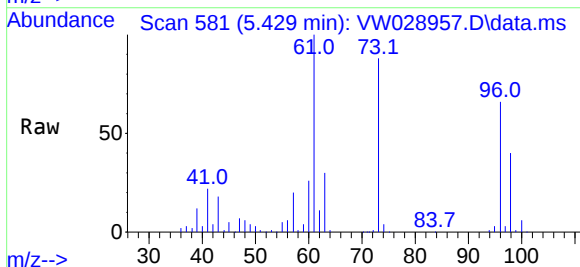
Ion	Ratio	Lower	Upper
96	100		
61	150.7	104.6	194.2
98	59.9	44.0	81.8

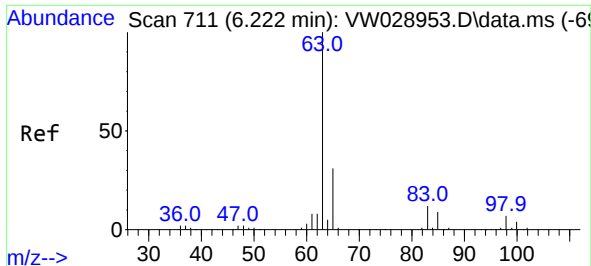


#18
Methyl tert-butyl Ether
Concen: 29.074 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

Tgt Ion: 73 Resp: 192105

Ion	Ratio	Lower	Upper
73	100		
43	12.7	17.8	26.6
57	22.8	18.4	27.6

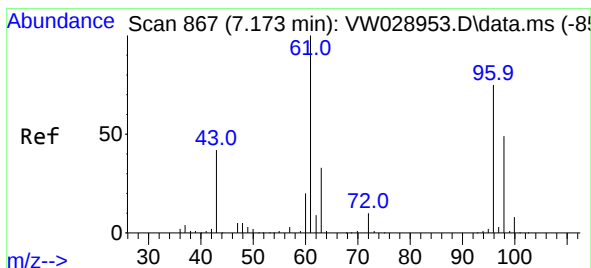
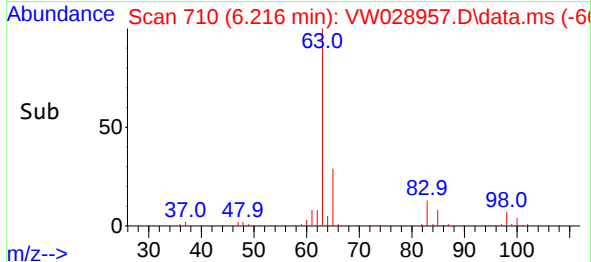
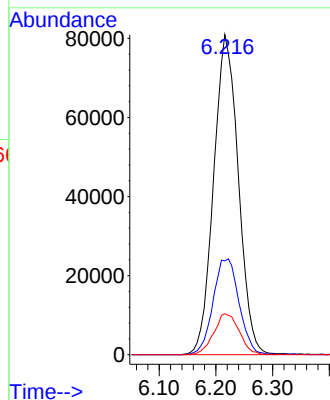
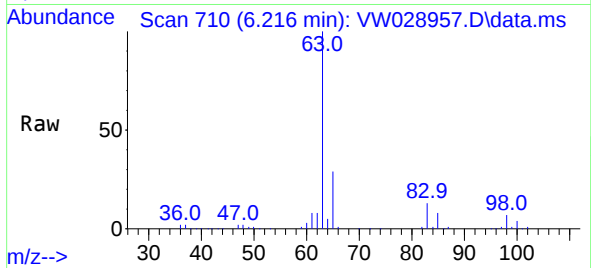




#19
1,1-Dichloroethane
Concen: 26.264 ug/L
RT: 6.216 min Scan# 711
Delta R.T. -0.006 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

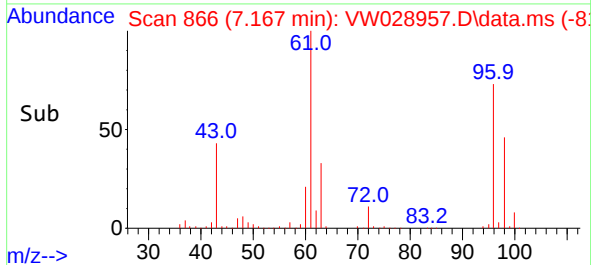
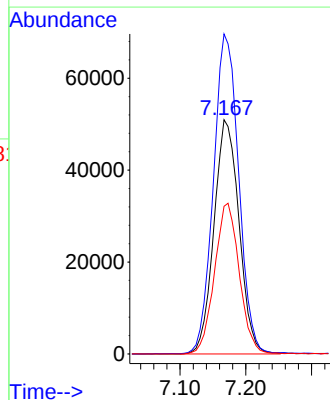
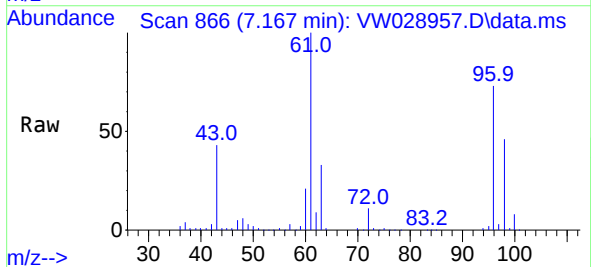
Instrument :
MSVOA_W
ClientSampleId :

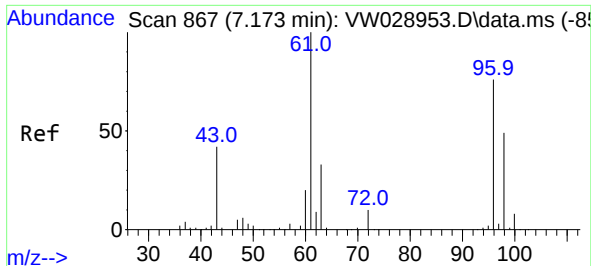
Tgt Ion: 63 Resp: 244663
Ion Ratio Lower Upper
63 100
65 29.3 21.8 40.6
83 12.8 8.8 16.3



#20
cis-1,2-Dichloroethene
Concen: 27.235 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

Tgt Ion: 96 Resp: 135287
Ion Ratio Lower Upper
96 100
61 136.6 92.9 172.5
98 63.1 45.2 84.0

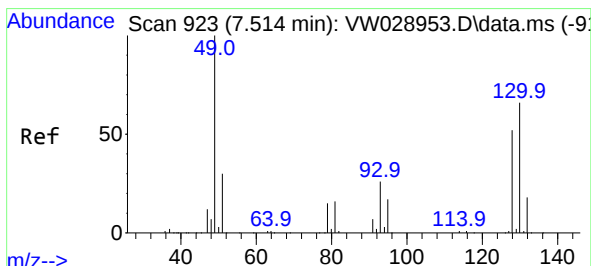
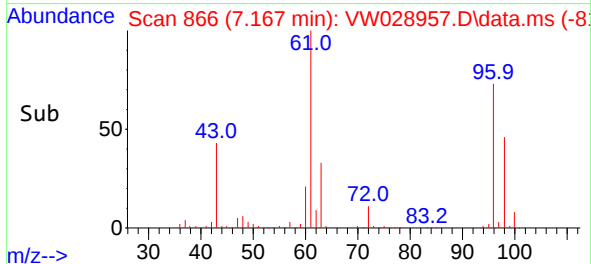
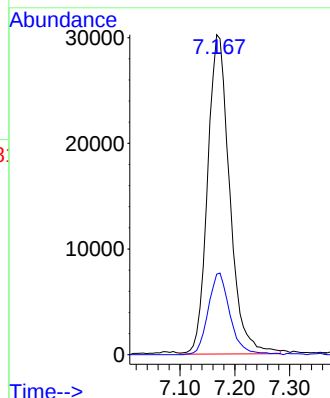
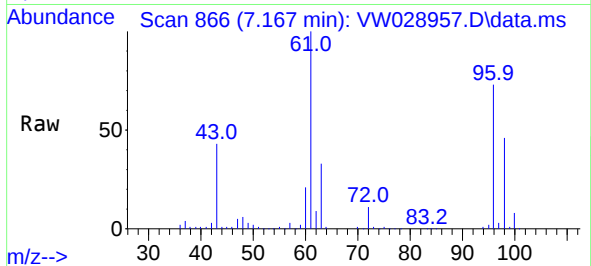




#22
2-Butanone
Concen: 59.959 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

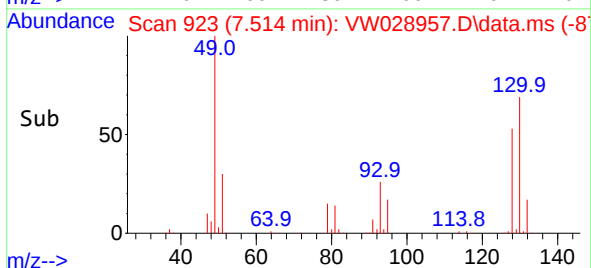
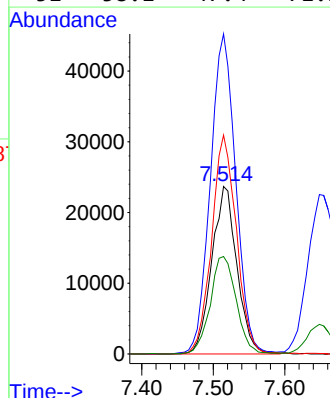
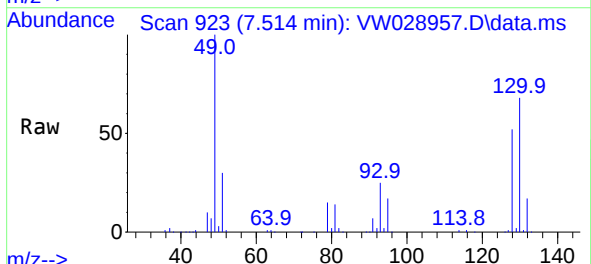
Instrument :
MSVOA_W
ClientSampleId :

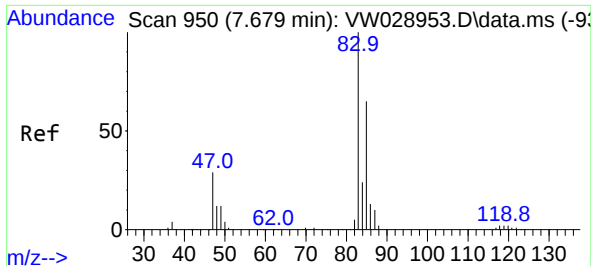
Tgt Ion: 43 Resp: 84495
Ion Ratio Lower Upper
43 100
72 24.9 12.5 37.5



#23
Bromochloromethane
Concen: 26.613 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

Tgt Ion: 128 Resp: 57707
Ion Ratio Lower Upper
128 100
49 191.0 135.9 252.3
130 130.7 89.0 165.2
51 58.1 47.4 71.2

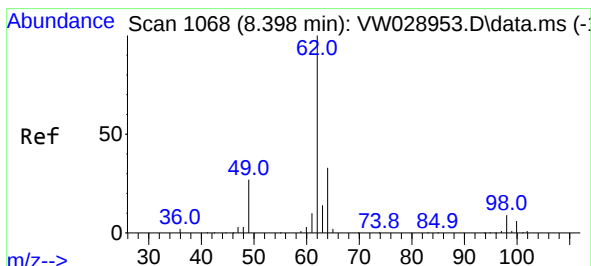
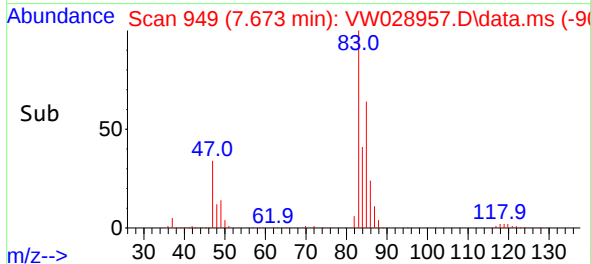
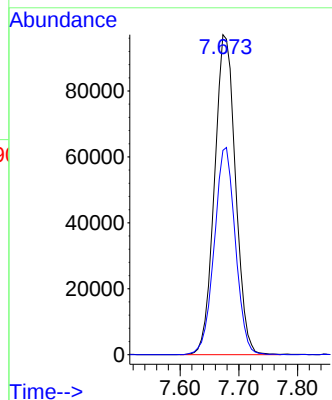
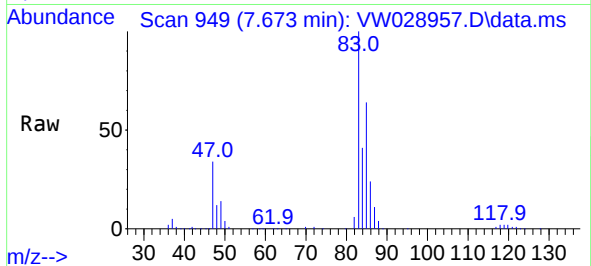




#25
Chloroform
Concen: 26.641 ug/L
RT: 7.673 min Scan# 94
Delta R.T. -0.006 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

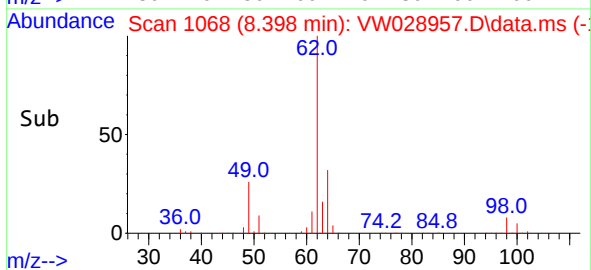
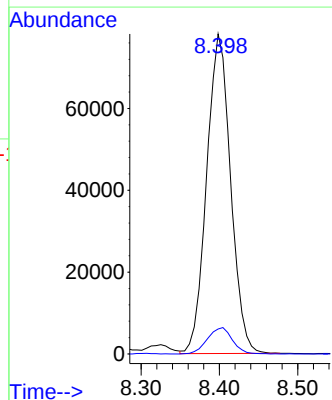
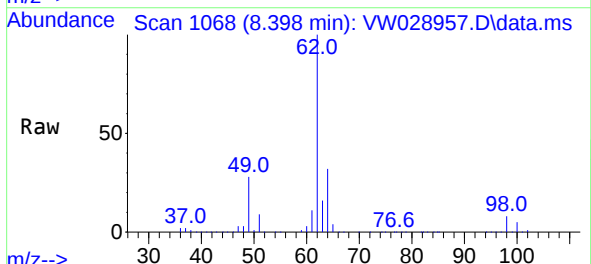
Instrument :
MSVOA_W
ClientSampleId :

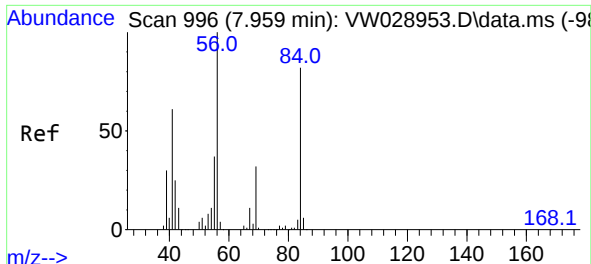
Tgt Ion: 83 Resp: 241047
Ion Ratio Lower Upper
83 100
85 63.8 45.8 85.2



#27
1,2-Dichloroethane
Concen: 27.397 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

Tgt Ion: 62 Resp: 166115
Ion Ratio Lower Upper
62 100
98 7.8 7.1 10.7





#29

Cyclohexane

Concen: 27.338 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

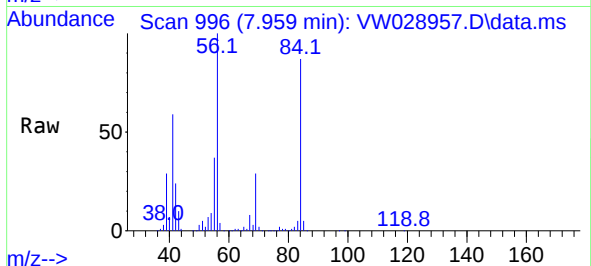
Lab File: VW028957.D

Acq: 03 Jun 2024 12:07

Instrument :

MSVOA_W

ClientSampleId :



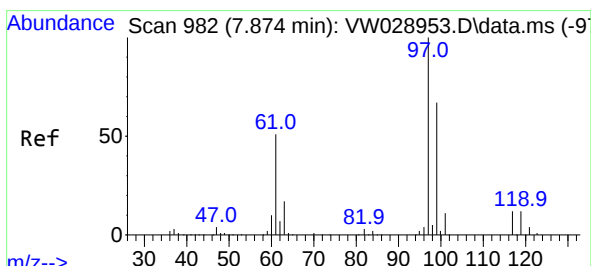
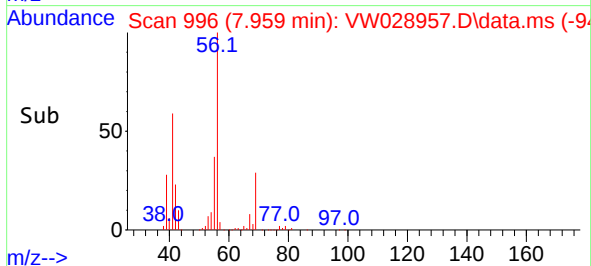
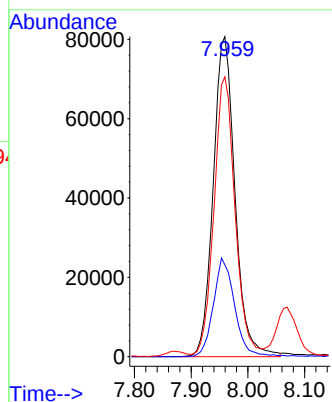
Tgt Ion: 56 Resp: 214942

Ion Ratio Lower Upper

56 100

69 30.0 24.2 36.4

84 84.4 65.4 98.2



#30

1,1,1-Trichloroethane

Concen: 26.000 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028957.D

Acq: 03 Jun 2024 12:07

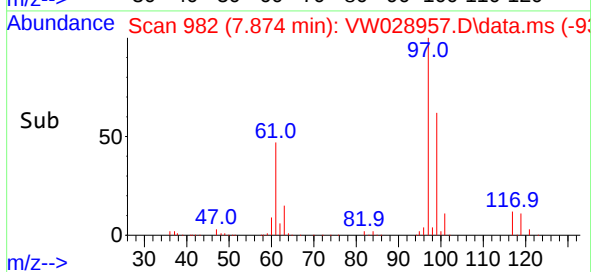
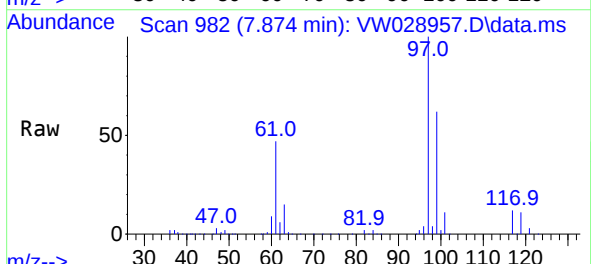
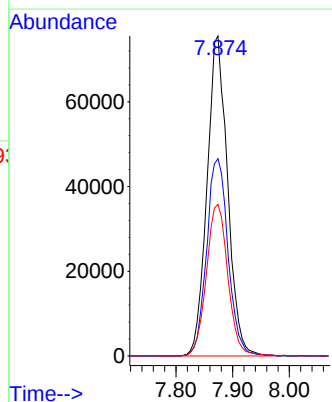
Tgt Ion: 97 Resp: 190501

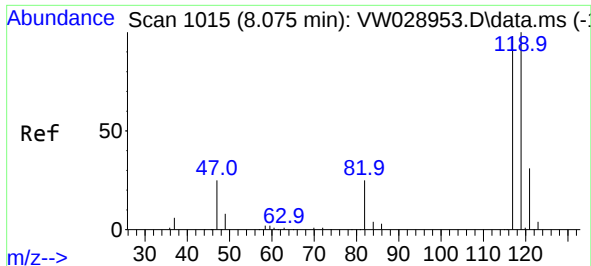
Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

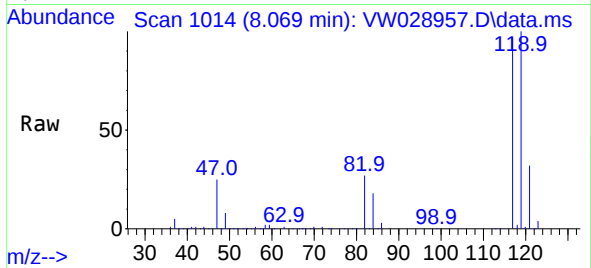
61 49.5 39.6 59.4



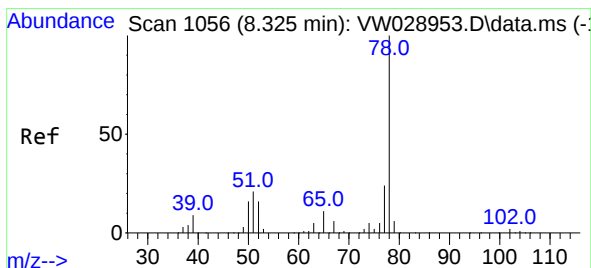
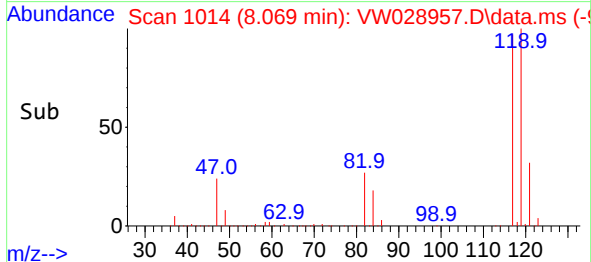
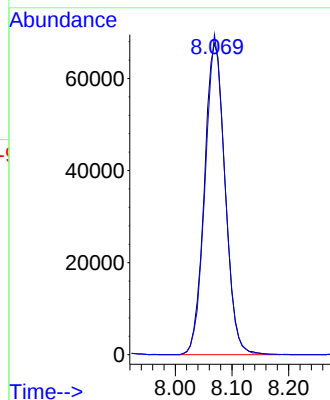


#31
Carbon tetrachloride
Concen: 25.853 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

Instrument :
MSVOA_W
ClientSampleId :

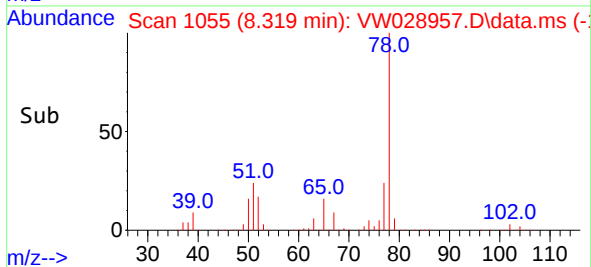
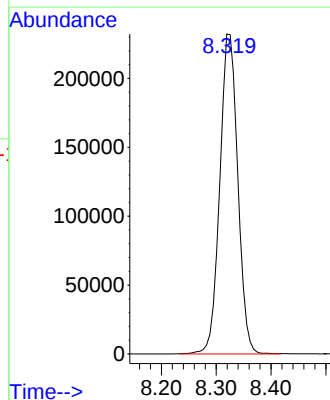
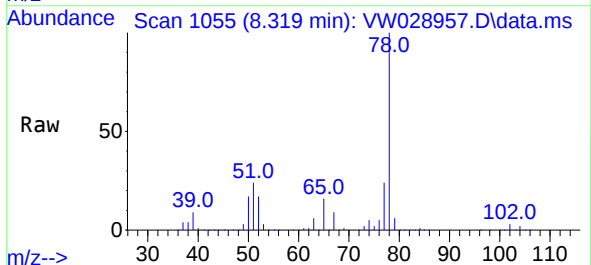


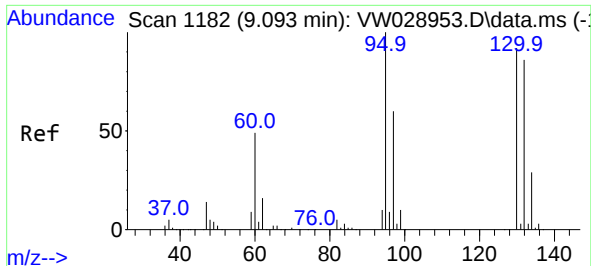
Tgt Ion:117 Resp: 172538
Ion Ratio Lower Upper
117 100
119 97.4 78.8 118.2



#33
Benzene
Concen: 26.990 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

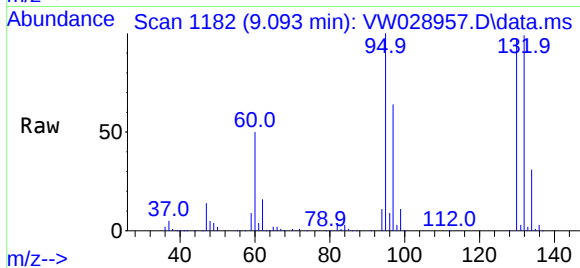
Tgt Ion: 78 Resp: 530704





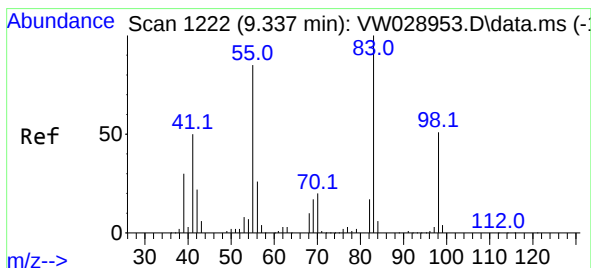
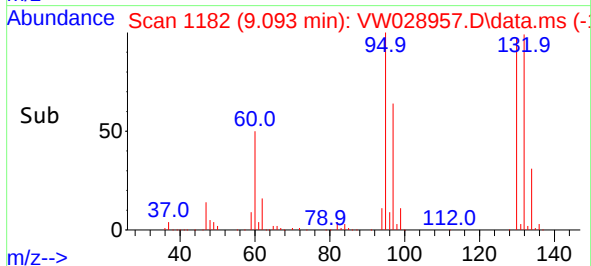
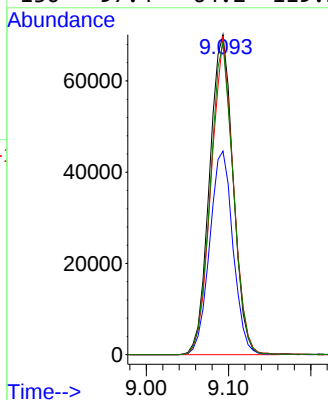
#34
Trichloroethene
Concen: 26.966 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

Instrument :
MSVOA_W
ClientSampleId :

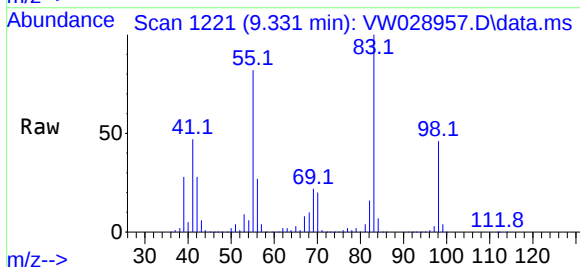


Tgt Ion: 95 Resp: 139397

Ion	Ratio	Lower	Upper
95	100		
97	63.6	41.9	77.7
132	99.5	60.1	111.5
130	97.4	64.2	119.2

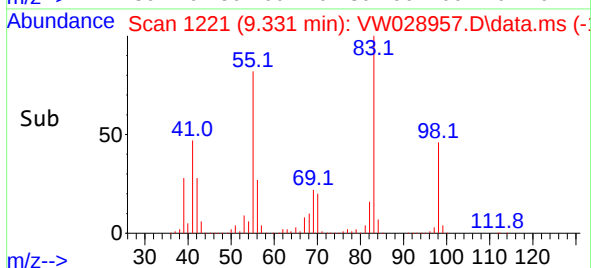
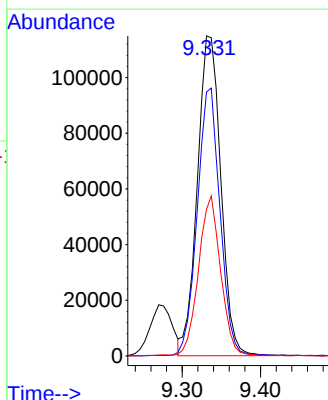


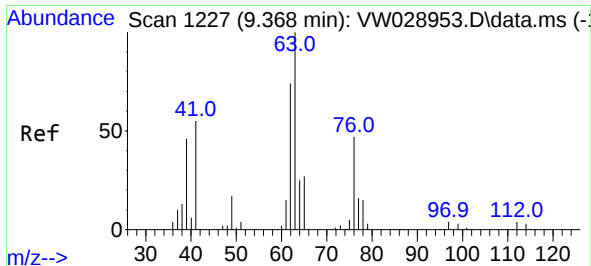
#35
Methylcyclohexane
Concen: 27.304 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07



Tgt Ion: 83 Resp: 239441

Ion	Ratio	Lower	Upper
83	100		
55	80.9	65.8	98.6
98	47.2	38.4	57.6





#37

1,2-Dichloropropane

Concen: 27.220 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028957.D

Acq: 03 Jun 2024 12:07

Instrument :

MSVOA_W

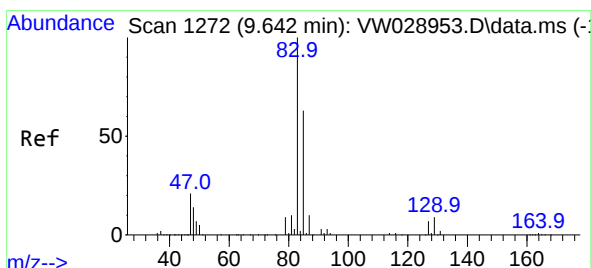
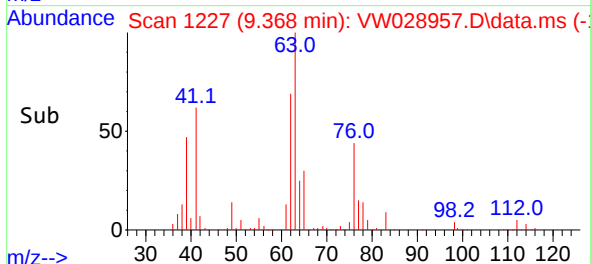
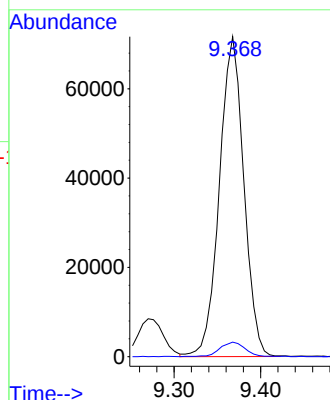
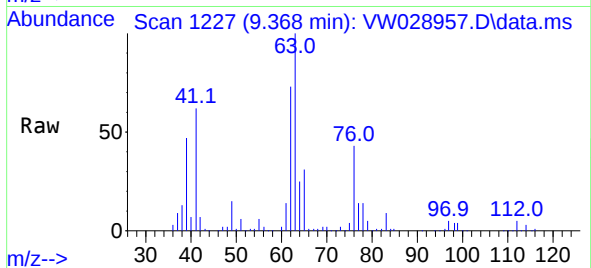
ClientSampleId :

Tgt Ion: 63 Resp: 140158

Ion Ratio Lower Upper

63 100

112 4.7 3.6 5.4



#38

Bromodichloromethane

Concen: 27.049 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028957.D

Acq: 03 Jun 2024 12:07

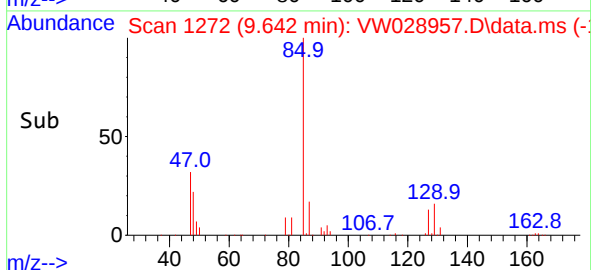
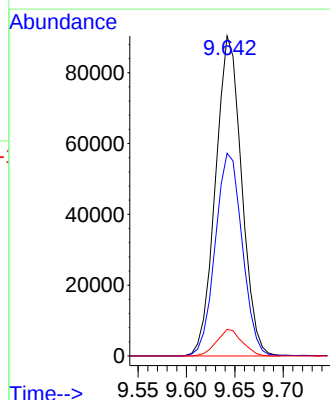
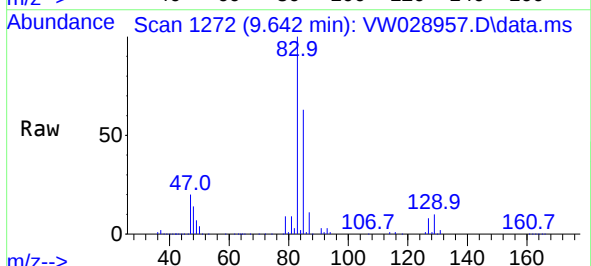
Tgt Ion: 83 Resp: 169862

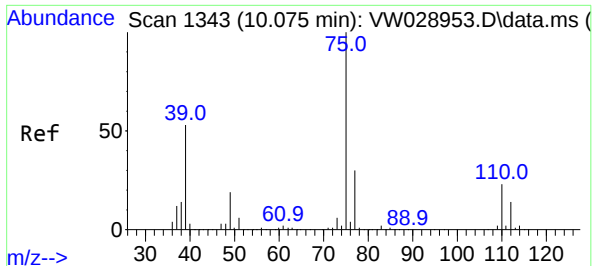
Ion Ratio Lower Upper

83 100

85 63.3 43.9 81.5

127 8.3 5.4 8.2#





#39

cis-1,3-Dichloropropene

Concen: 28.700 ug/L

RT: 10.069 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028957.D

Acq: 03 Jun 2024 12:07

Instrument :

MSVOA_W

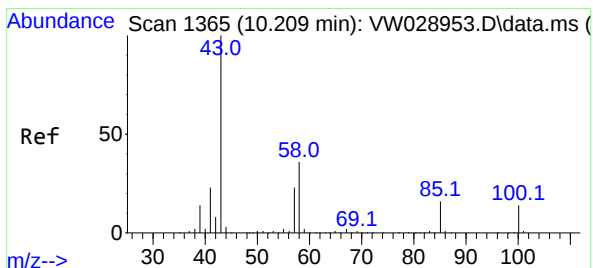
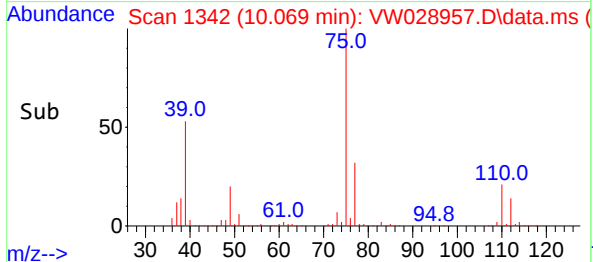
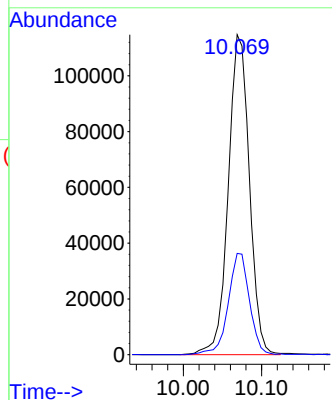
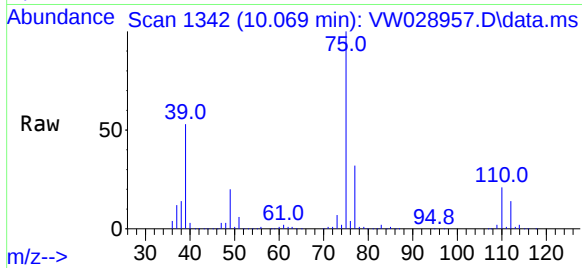
ClientSampleId :

Tgt Ion: 75 Resp: 214764

Ion Ratio Lower Upper

75 100

77 31.6 21.0 39.0



#40

4-Methyl-2-pentanone

Concen: 62.813 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028957.D

Acq: 03 Jun 2024 12:07

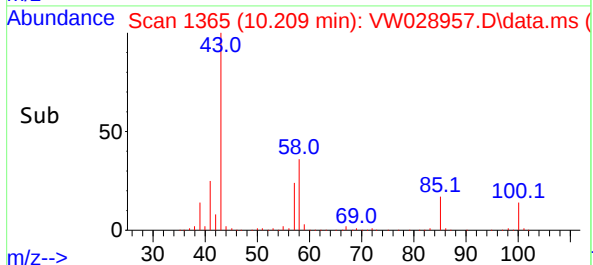
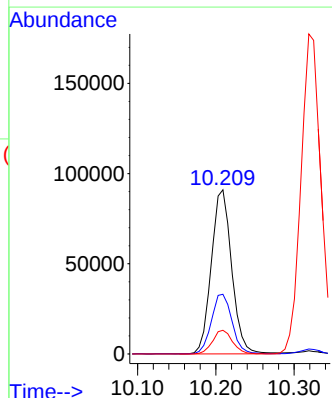
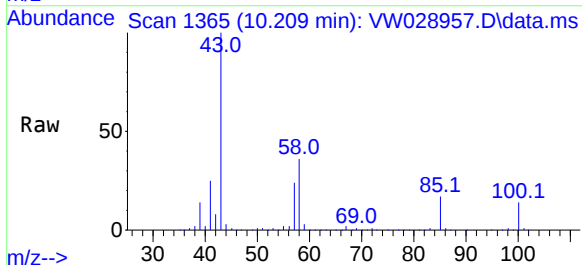
Tgt Ion: 43 Resp: 164510

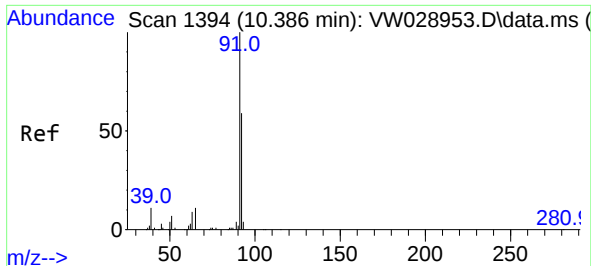
Ion Ratio Lower Upper

43 100

58 36.9 30.3 45.5

100 14.1 10.7 16.1

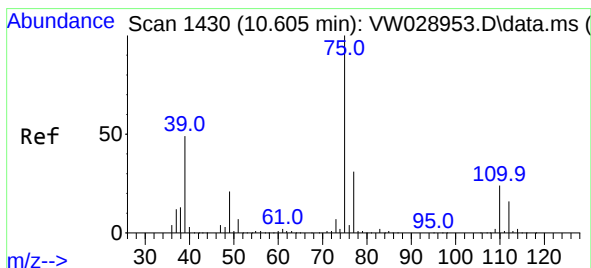
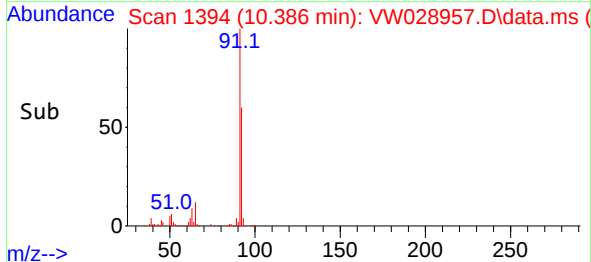
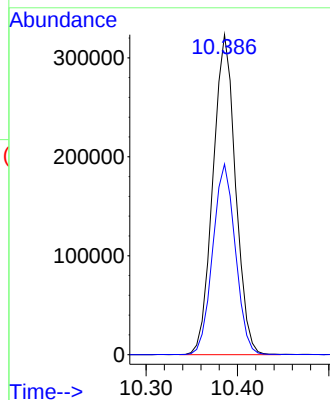
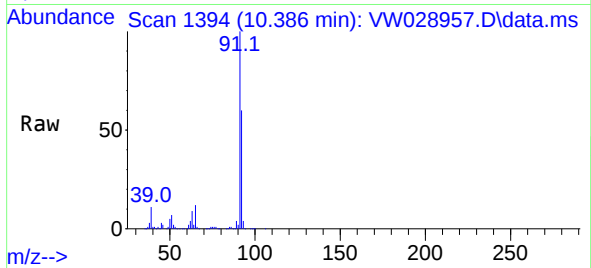




#42
Toluene
Concen: 27.598 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

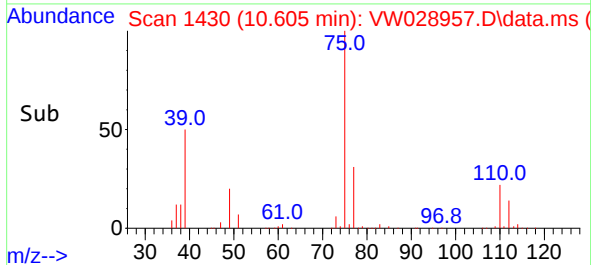
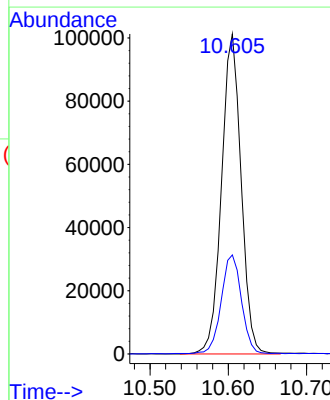
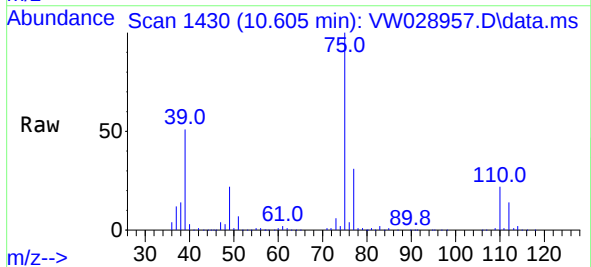
Instrument :
MSVOA_W
ClientSampleId :

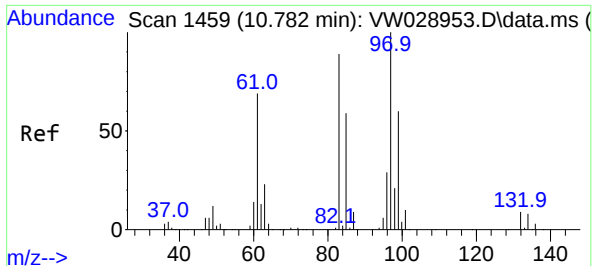
Tgt Ion: 91 Resp: 554367
Ion Ratio Lower Upper
91 100
92 59.5 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 29.163 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

Tgt Ion: 75 Resp: 175930
Ion Ratio Lower Upper
75 100
77 31.0 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 27.332 ug/L

RT: 10.788 min Scan# 14

Delta R.T. 0.006 min

Lab File: VW028957.D

Acq: 03 Jun 2024 12:07

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 95049

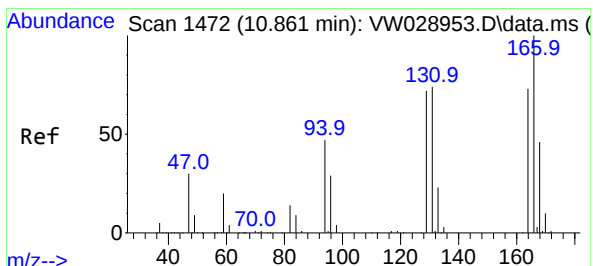
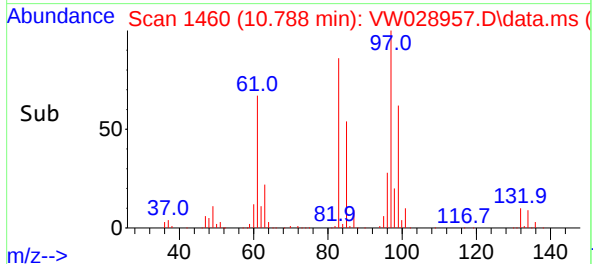
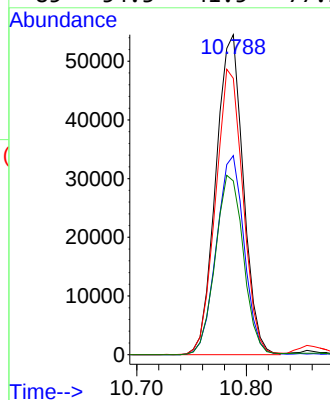
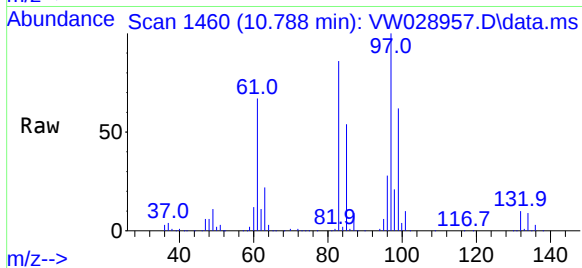
Ion Ratio Lower Upper

97 100

99 62.2 41.8 77.6

83 86.4 62.4 115.8

85 54.3 41.5 77.1



#46

Tetrachloroethene

Concen: 25.862 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028957.D

Acq: 03 Jun 2024 12:07

Tgt Ion:164 Resp: 101571

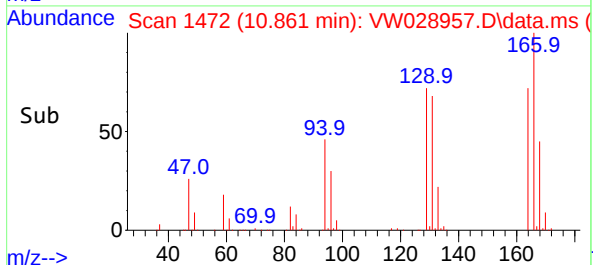
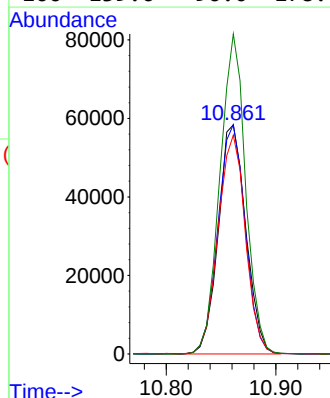
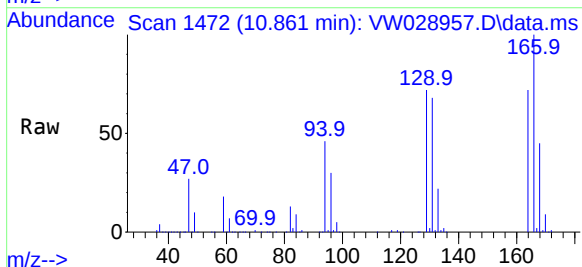
Ion Ratio Lower Upper

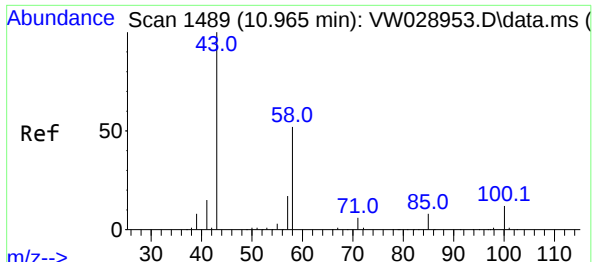
164 100

129 100.0 69.4 128.8

131 95.5 71.0 131.9

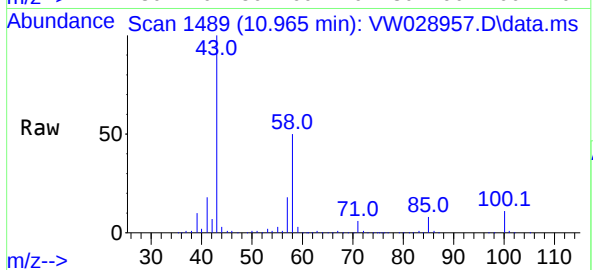
166 139.6 96.0 178.4



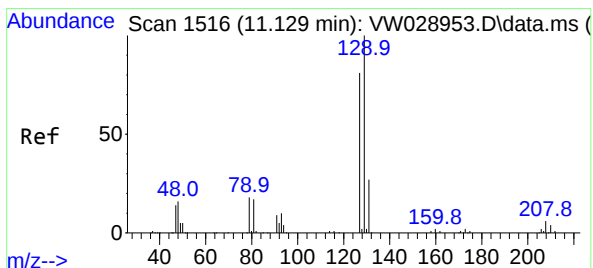
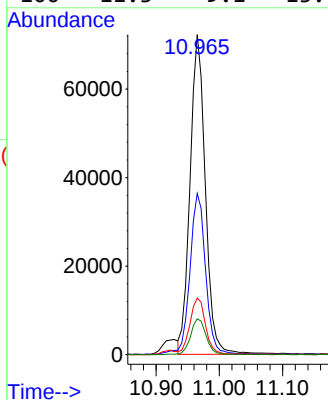
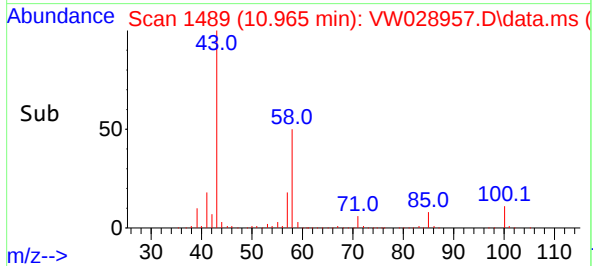


#48
2-Hexanone
Concen: 62.046 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

Instrument :
MSVOA_W
ClientSampleId :

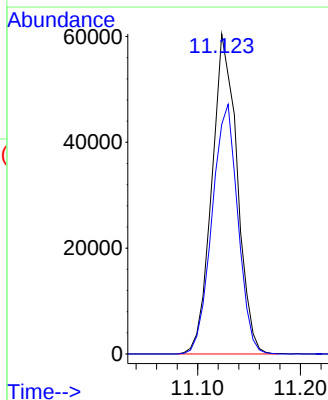
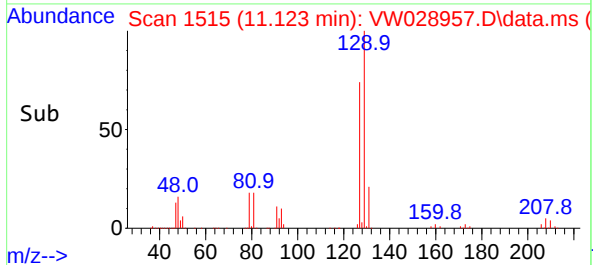
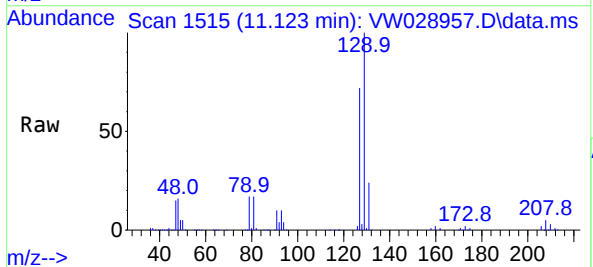


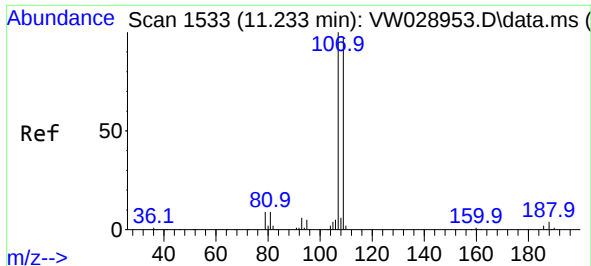
Tgt Ion: 43 Resp: 121835
Ion Ratio Lower Upper
43 100
58 50.6 41.4 62.0
57 18.0 14.2 21.4
100 11.3 9.1 13.7



#49
Dibromochloromethane
Concen: 28.116 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

Tgt Ion: 129 Resp: 103272
Ion Ratio Lower Upper
129 100
127 71.8 56.5 104.9





#50

1,2-Dibromoethane

Concen: 28.944 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028957.D

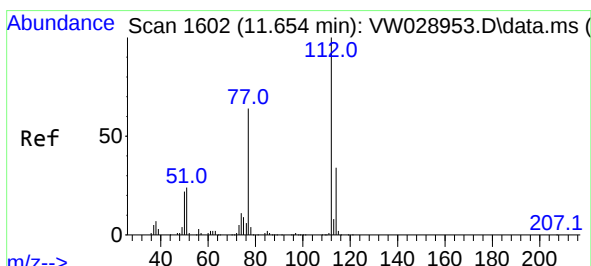
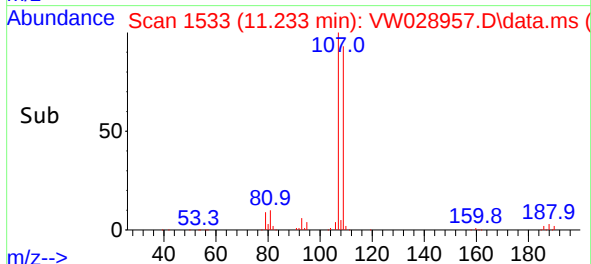
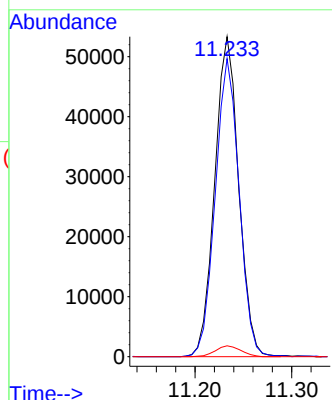
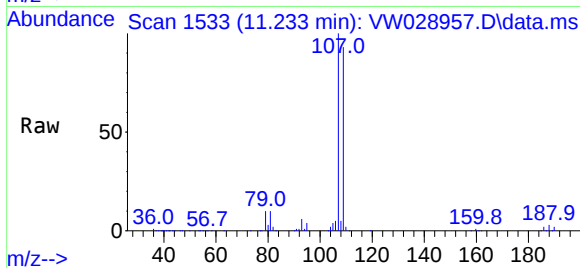
Acq: 03 Jun 2024 12:07

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	91884
Ion	Ratio	Lower	Upper
107	100		
109	93.2	67.9	126.1
188	3.4	3.0	4.4



#51

Chlorobenzene

Concen: 26.979 ug/L

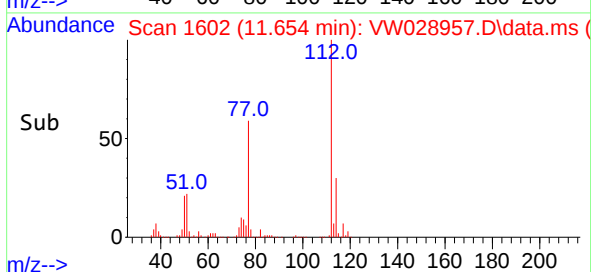
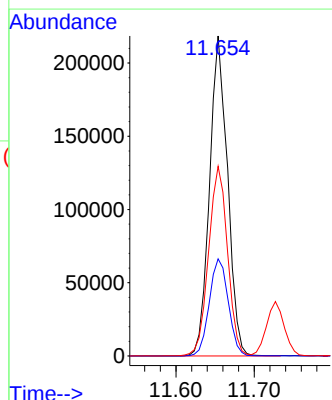
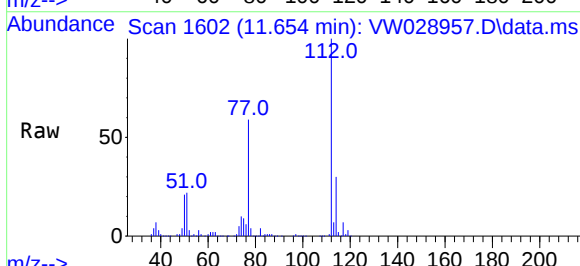
RT: 11.654 min Scan# 1602

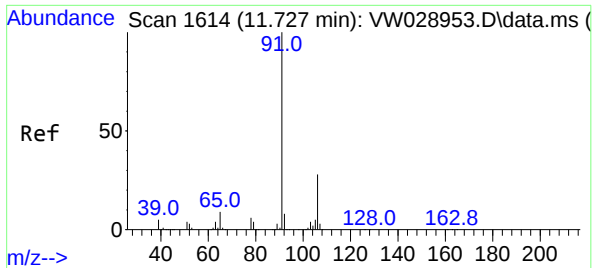
Delta R.T. 0.000 min

Lab File: VW028957.D

Acq: 03 Jun 2024 12:07

Tgt Ion:	112	Resp:	348116
Ion	Ratio	Lower	Upper
112	100		
114	30.4	23.7	44.1
77	59.3	51.7	77.5

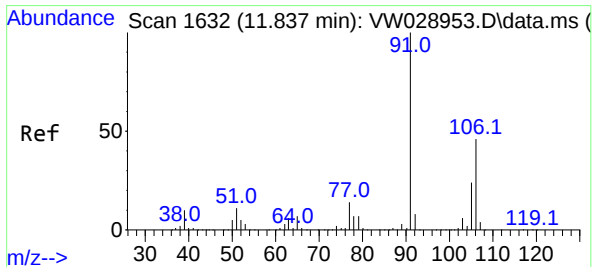
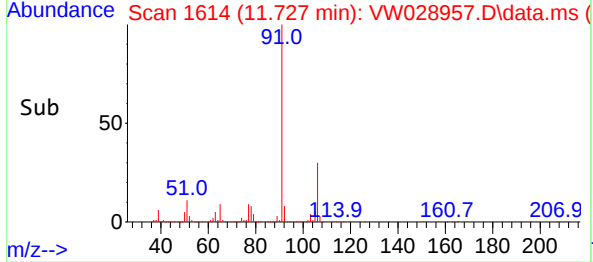
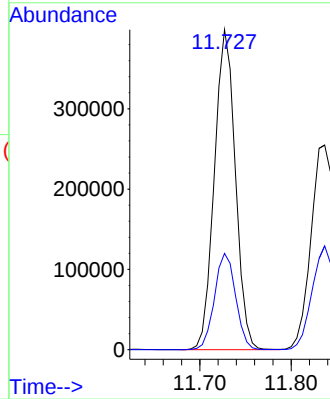
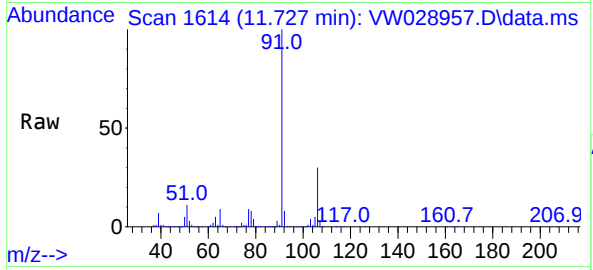




#52
Ethylbenzene
Concen: 27.862 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

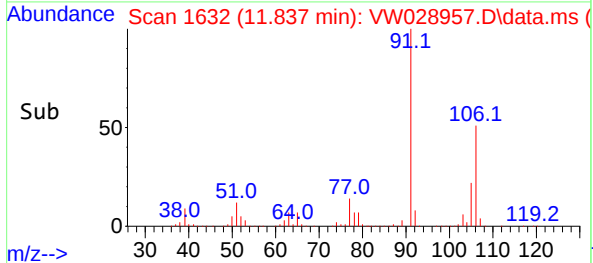
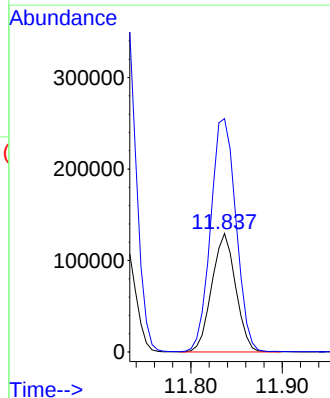
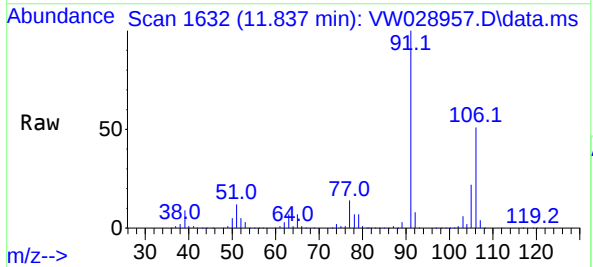
Instrument :
MSVOA_W
ClientSampleId :

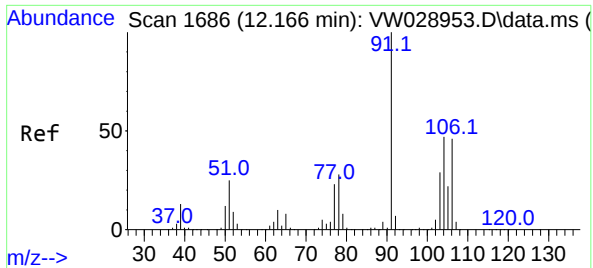
Tgt Ion: 91 Resp: 635872
Ion Ratio Lower Upper
91 100
106 30.1 19.9 37.0



#53
m,p-Xylene
Concen: 27.791 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

Tgt Ion:106 Resp: 234923
Ion Ratio Lower Upper
106 100
91 197.1 152.0 282.2

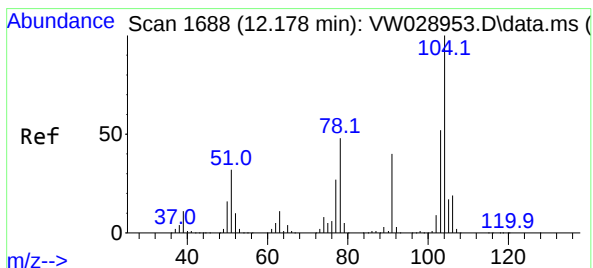
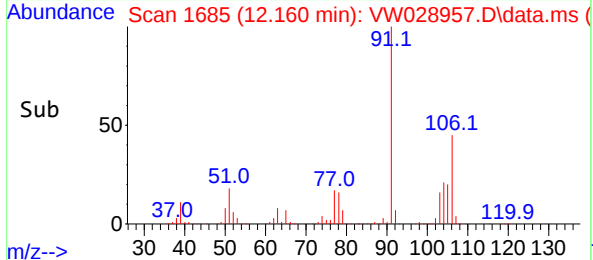
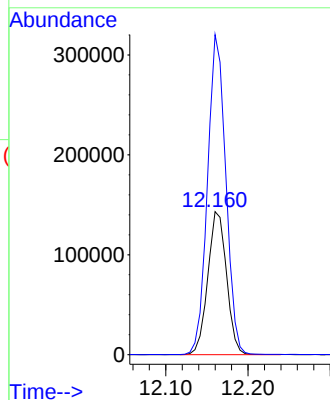
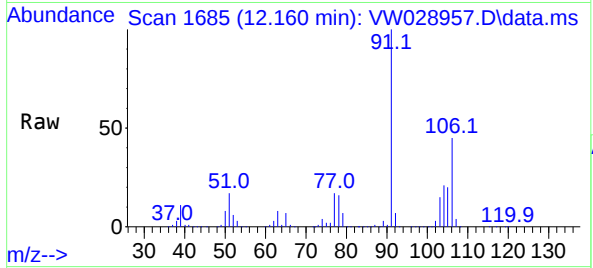




#54
o-Xylene
Concen: 28.994 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

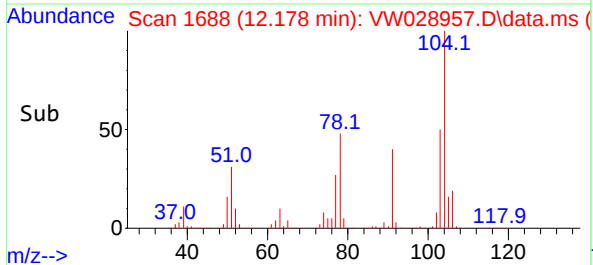
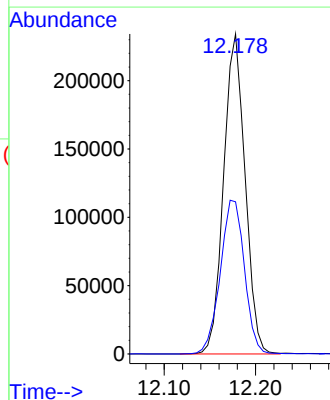
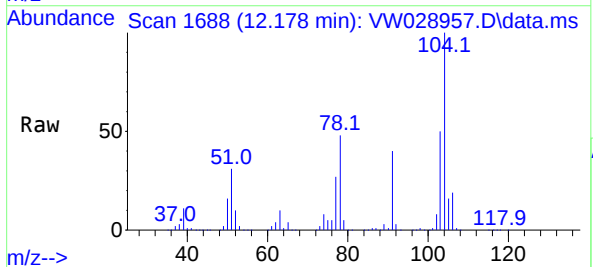
Instrument :
MSVOA_W
ClientSampleId :

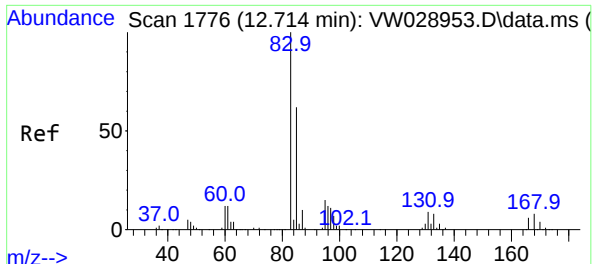
Tgt Ion:106 Resp: 226948
Ion Ratio Lower Upper
106 100
91 223.6 152.5 283.3



#55
Styrene
Concen: 28.345 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

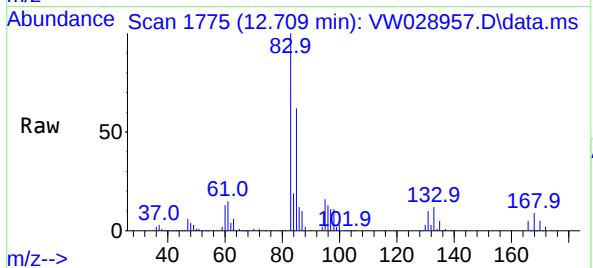
Tgt Ion:104 Resp: 382515
Ion Ratio Lower Upper
104 100
78 47.6 33.3 61.9



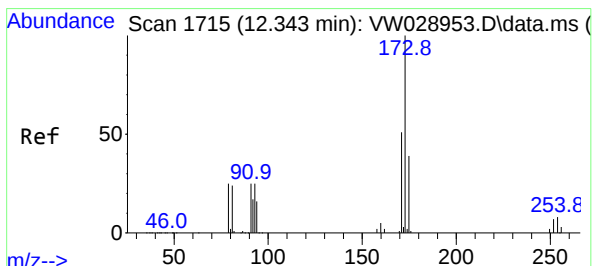
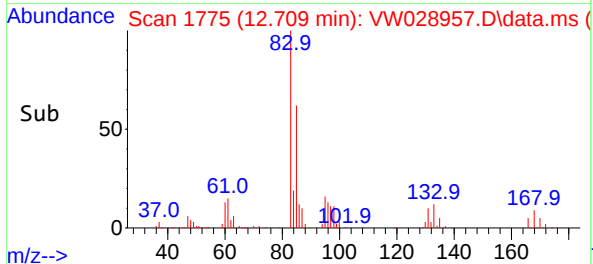
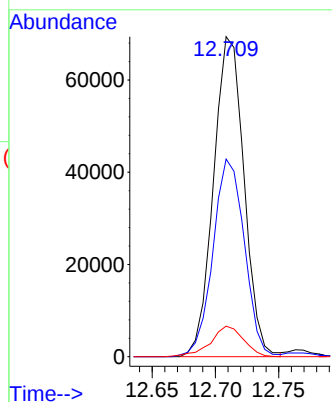


#57
1,1,2,2-Tetrachloroethane
Concen: 29.645 ug/L
RT: 12.709 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

Instrument :
MSVOA_W
ClientSampleId :

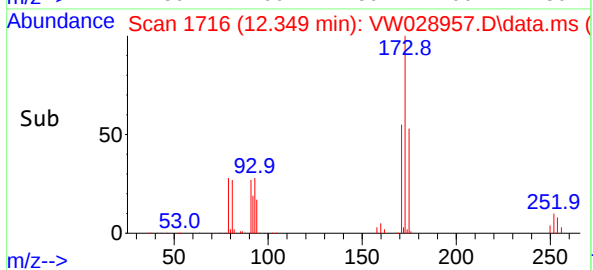
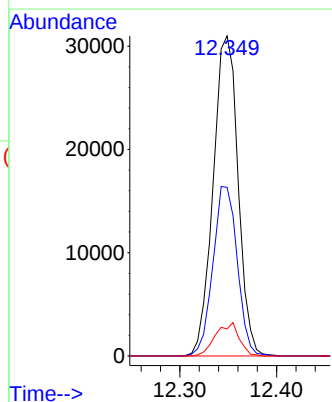
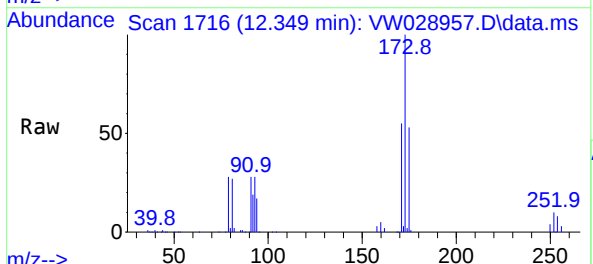


Tgt Ion: 83 Resp: 116379
Ion Ratio Lower Upper
83 100
85 61.8 43.8 81.3
131 9.5 7.3 10.9

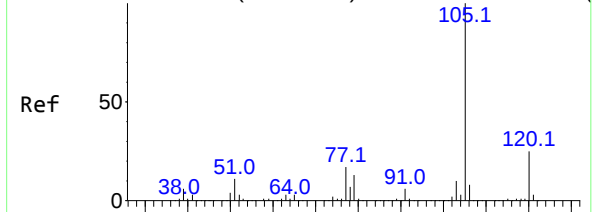


#59
Bromoform
Concen: 27.893 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

Tgt Ion:173 Resp: 55422
Ion Ratio Lower Upper
173 100
175 51.7 38.1 57.1
254 9.9 8.2 12.2

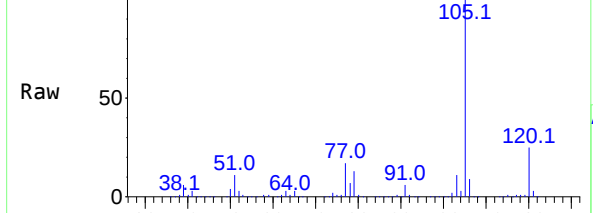


Abundance Scan 1734 (12.458 min): VW028953.D\data.ms (



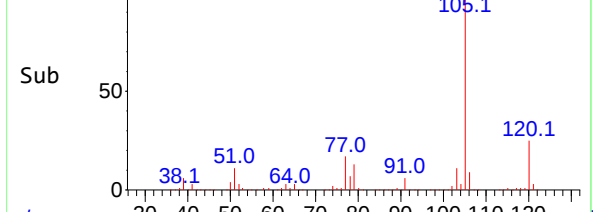
m/z-->

Abundance Scan 1734 (12.459 min): VW028957.D\data.ms



m/z-->

Abundance Scan 1734 (12.459 min): VW028957.D\data.ms (



m/z-->

#60

Isopropylbenzene

Concen: 27.970 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028957.D

Acq: 03 Jun 2024 12:07

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:105 Resp: 611657

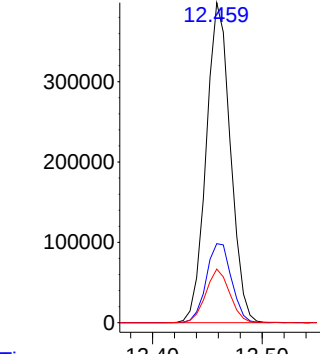
Ion Ratio Lower Upper

105 100

120 25.8 20.7 31.1

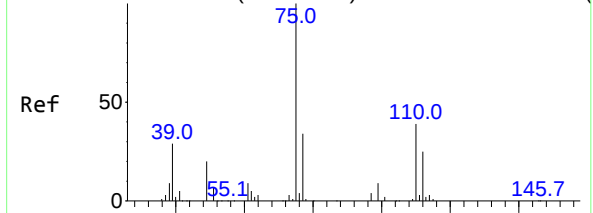
77 16.5 13.5 20.3

Abundance



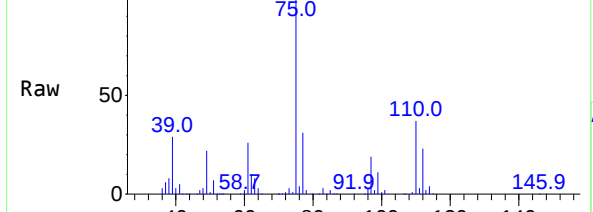
Time-->

Abundance Scan 1784 (12.763 min): VW028953.D\data.ms (



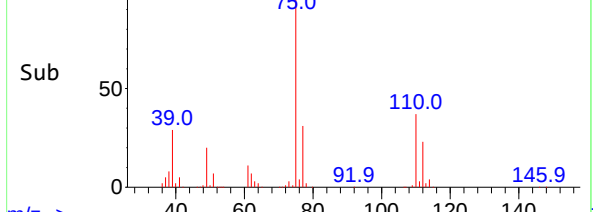
m/z-->

Abundance Scan 1784 (12.763 min): VW028957.D\data.ms



m/z-->

Abundance Scan 1784 (12.763 min): VW028957.D\data.ms (



m/z-->

#61

1,2,3-Trichloropropane

Concen: 28.833 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028957.D

Acq: 03 Jun 2024 12:07

Tgt Ion: 75 Resp: 84039

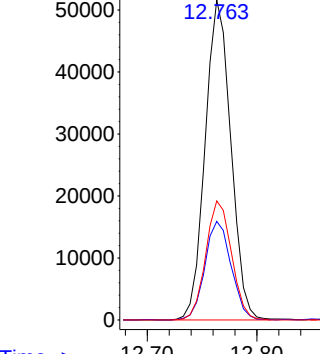
Ion Ratio Lower Upper

75 100

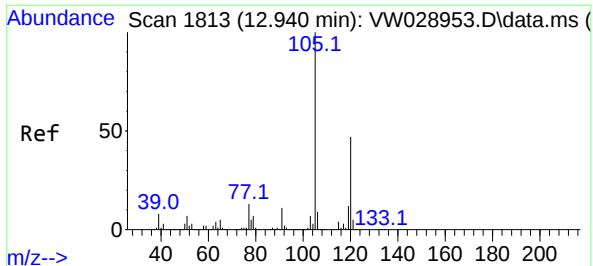
77 31.6 26.3 39.5

110 37.3 29.4 44.0

Abundance



Time-->



#62

1,3,5-Trimethylbenzene

Concen: 28.675 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW028957.D

Acq: 03 Jun 2024 12:07

Instrument :

MSVOA_W

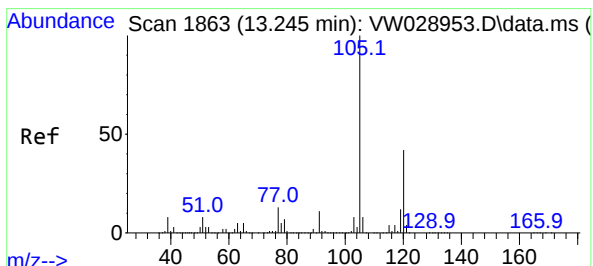
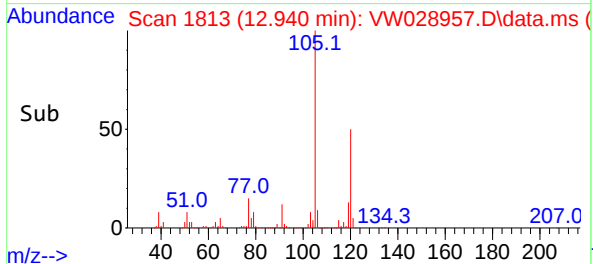
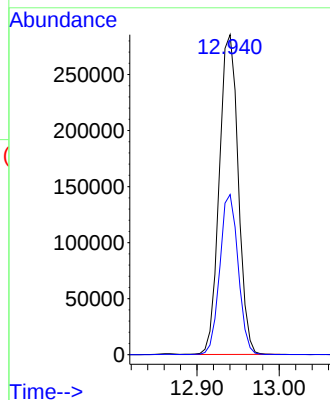
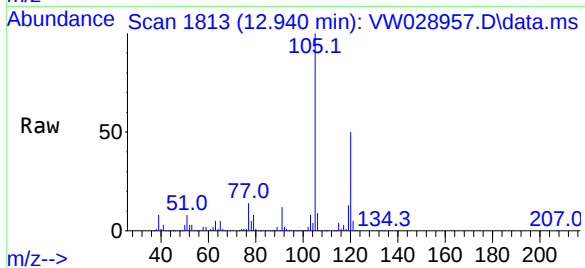
ClientSampleId :

Tgt Ion:105 Resp: 456080

Ion Ratio Lower Upper

105 100

120 48.6 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 29.432 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW028957.D

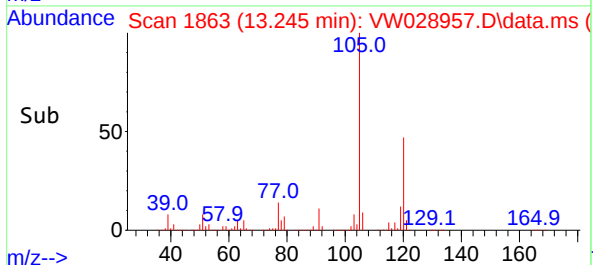
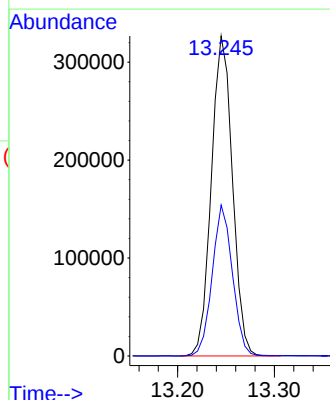
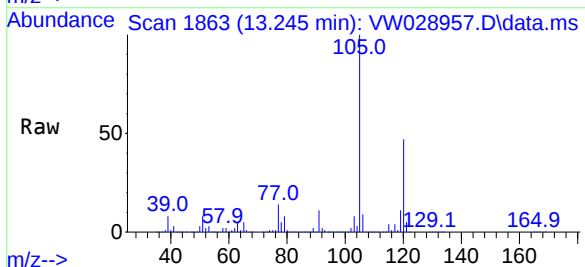
Acq: 03 Jun 2024 12:07

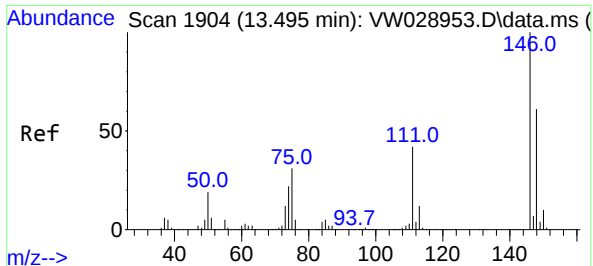
Tgt Ion:105 Resp: 494726

Ion Ratio Lower Upper

105 100

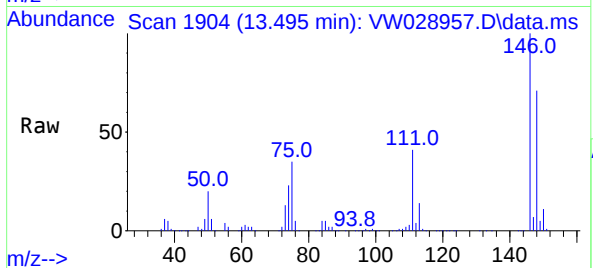
120 45.1 35.8 53.8



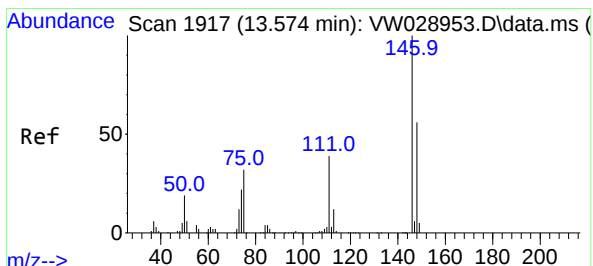
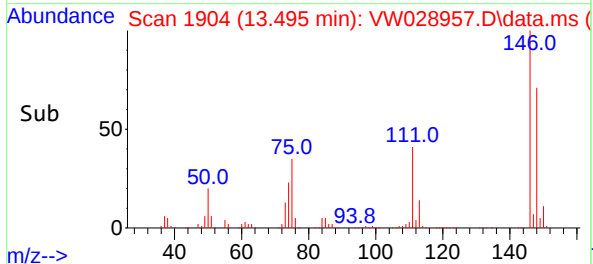
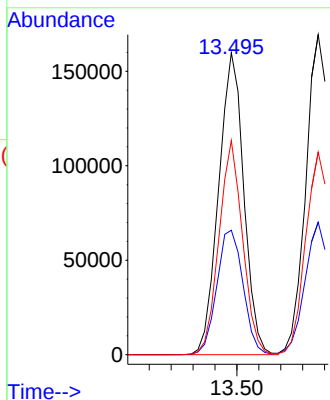


#64
1,3-Dichlorobenzene
Concen: 27.137 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

Instrument :
MSVOA_W
ClientSampleId :

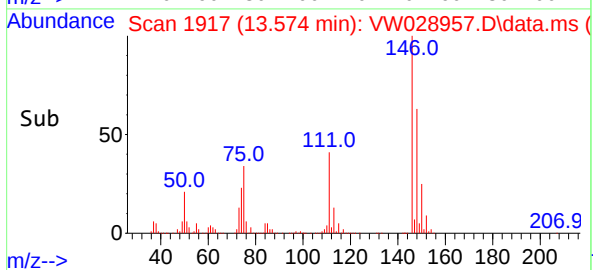
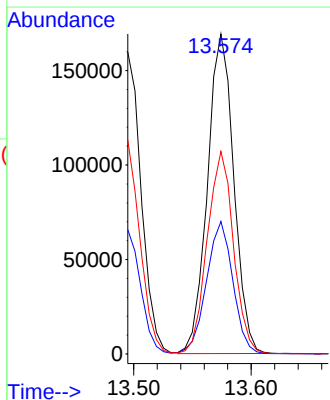
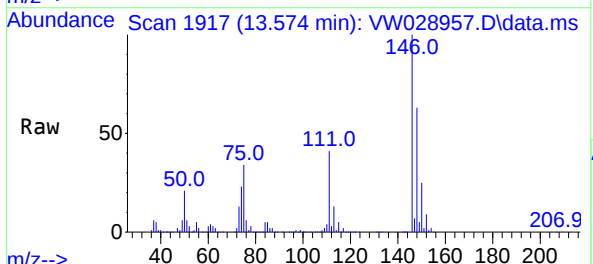


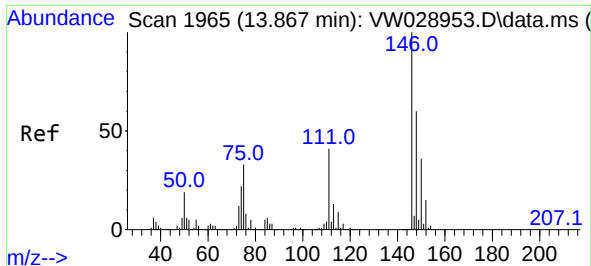
Tgt Ion:146 Resp: 255021
Ion Ratio Lower Upper
146 100
111 41.2 29.4 54.6
148 70.9 42.5 78.9



#65
1,4-Dichlorobenzene
Concen: 26.919 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

Tgt Ion:146 Resp: 264207
Ion Ratio Lower Upper
146 100
111 41.4 27.5 51.1
148 63.3 39.5 73.3

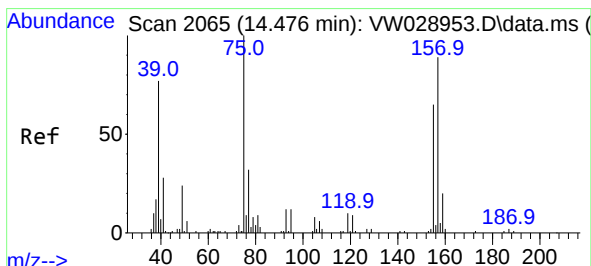
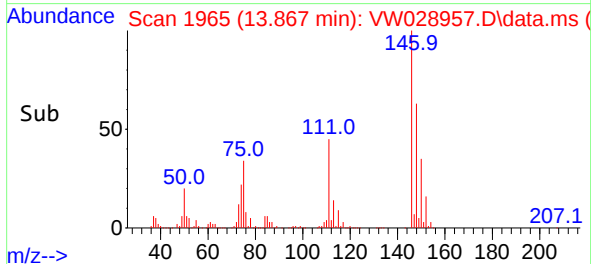
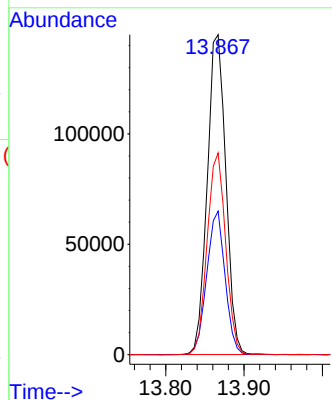
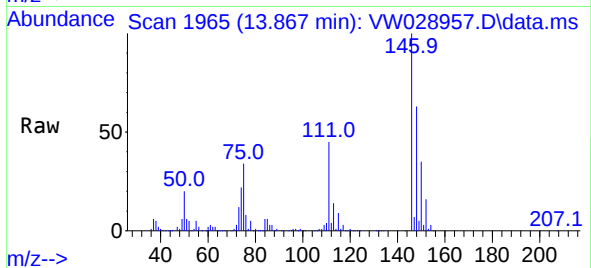




#67
1,2-Dichlorobenzene
Concen: 28.333 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

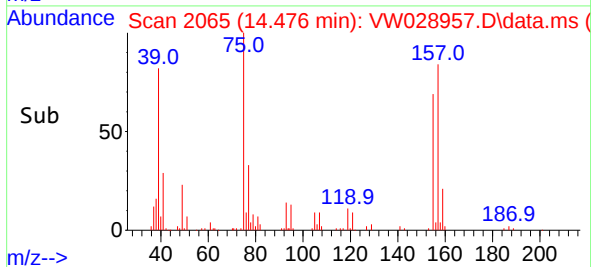
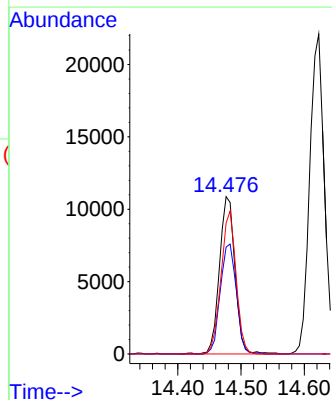
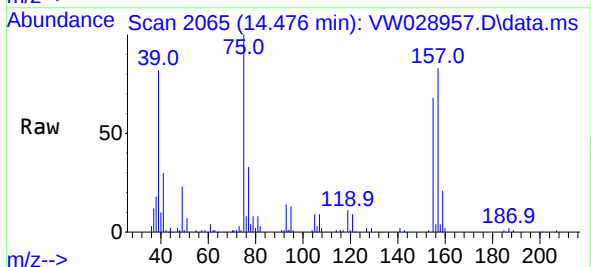
Instrument :
MSVOA_W
ClientSampleId :

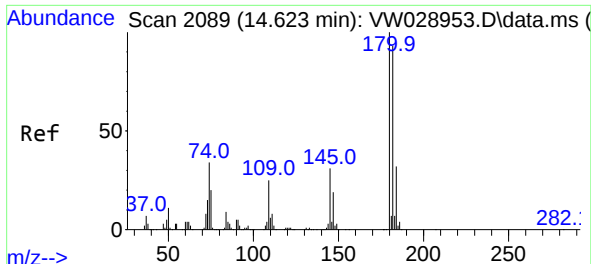
Tgt Ion:146 Resp: 238641
Ion Ratio Lower Upper
146 100
111 44.9 32.8 49.2
148 63.1 48.2 72.4



#68
1,2-Dibromo-3-chloropropane
Concen: 29.723 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

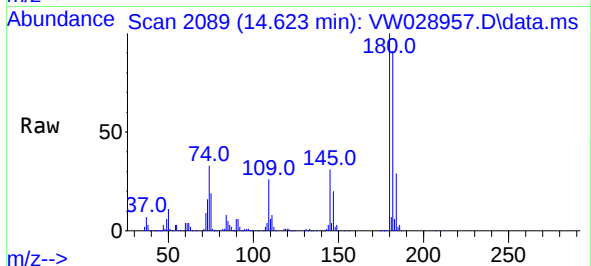
Tgt Ion: 75 Resp: 18465
Ion Ratio Lower Upper
75 100
155 67.9 52.3 78.5
157 83.2 71.0 106.4





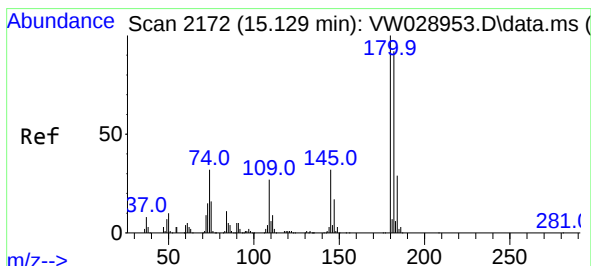
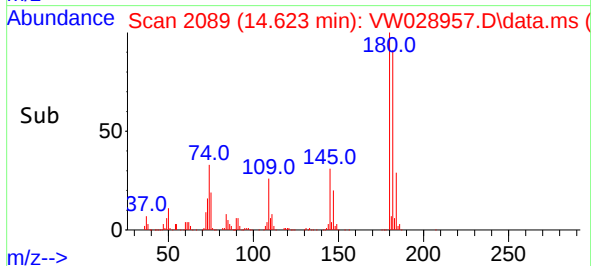
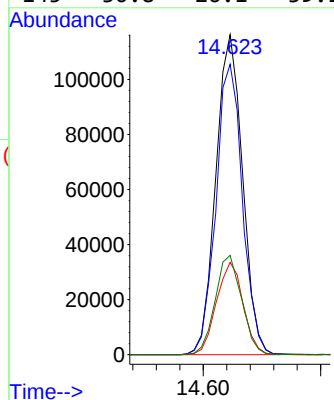
#69
1,3,5-Trichlorobenzene
Concen: 28.519 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:180 Resp: 184012

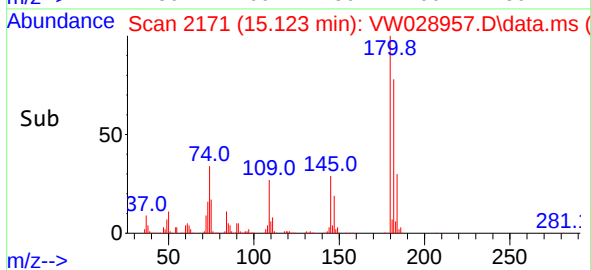
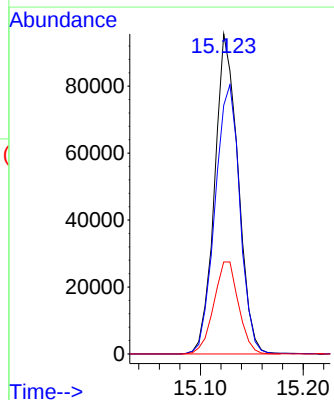
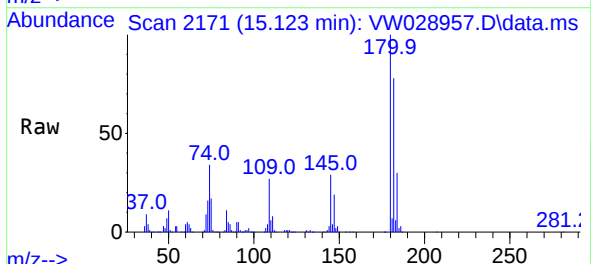
Ion	Ratio	Lower	Upper
180	100		
182	89.9	77.4	116.0
184	28.8	24.6	36.8
145	30.8	26.1	39.1

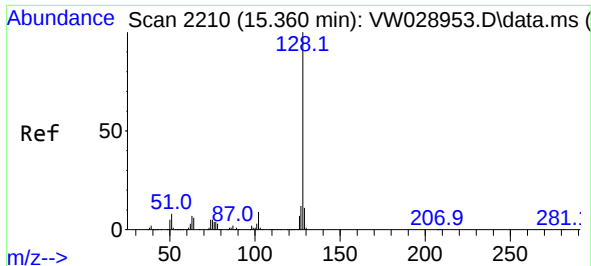


#70
1,2,4-trichlorobenzene
Concen: 29.027 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

Tgt Ion:180 Resp: 151796

Ion	Ratio	Lower	Upper
180	100		
182	88.8	75.3	112.9
145	30.4	26.2	39.2

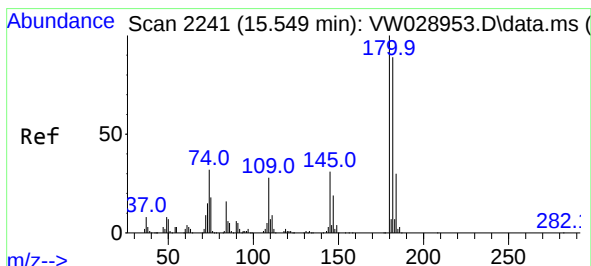
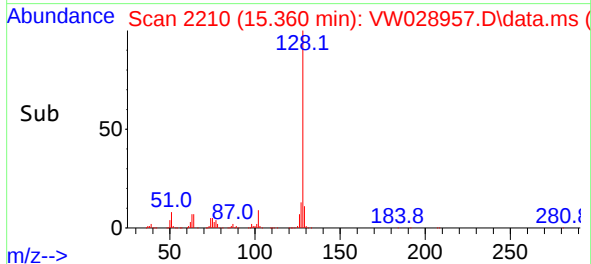
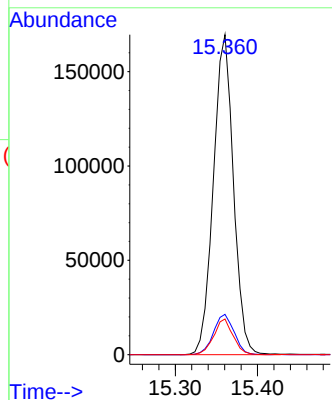
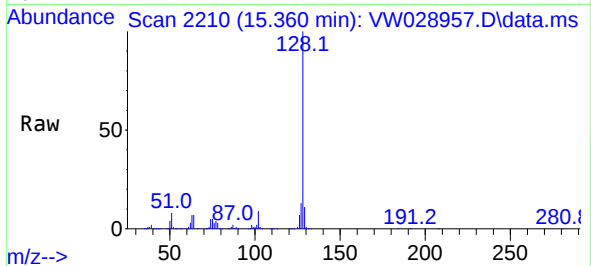




#71
Naphthalene
Concen: 32.289 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 287702
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 29.756 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW028957.D
Acq: 03 Jun 2024 12:07

Tgt Ion:180 Resp: 132947
Ion Ratio Lower Upper
180 100
182 92.1 75.4 113.0
145 34.2 26.6 39.8

