

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060324\
 Data File : VW028956.D
 Acq On : 03 Jun 2024 11:43
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 04 02:19:06 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	8.837	114	359884	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	334953	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	157280	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	135836	23.759	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.040%
7) Chloroethane-d5	2.899	69	107134	24.403	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	4.021	65	61316	24.401	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.600%
21) 2-Butanone-d5	7.075	46	66557	56.978	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.960%
24) Chloroform-d	7.648	84	254018	24.741	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.960%
26) 1,2-Dichloroethane-d4	8.307	65	137594	25.455	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.840%
32) Benzene-d6	8.276	84	517315	25.163	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.640%
36) 1,2-Dichloropropane-d6	9.276	67	156553	25.116	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.480%
41) Toluene-d8	10.319	98	467044	25.458	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.840%
43) trans-1,3-Dichloroprop...	10.575	79	61352	25.615	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.440%
47) 2-Hexanone-d5	10.922	63	47087	57.244	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.480%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	115048	26.568	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	150929	27.042	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	78517	19.106	ug/L	89
3) Chloromethane	2.223	50	114641	22.834	ug/L	99
5) Vinyl chloride	2.375	62	132382	21.783	ug/L	100
6) Bromomethane	2.789	94	80912	22.221	ug/L	99
8) Chloroethane	2.936	64	83219	22.674	ug/L	98
9) Trichlorofluoromethane	3.265	101	113462	22.460	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	109880	22.044	ug/L	100
12) 1,1-Dichloroethene	4.045	96	108126	23.769	ug/L	91
13) Acetone	4.119	43	62663	51.189	ug/L	96
14) Carbon disulfide	4.393	76	356019	23.116	ug/L	99
15) Methyl Acetate	4.667	43	54715	26.912	ug/L	99
16) Methylene chloride	4.917	84	119901	22.199	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	116352	23.459	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	180774	26.137	ug/L	99
19) 1,1-Dichloroethane	6.216	63	234402	24.038	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	127181	24.459	ug/L	93
22) 2-Butanone	7.167	43	78143	52.975	ug/L	100
23) Bromochloromethane	7.514	128	56314	24.810	ug/L	98
25) Chloroform	7.679	83	228324	24.108	ug/L	99

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 Response via : Initial Calibration

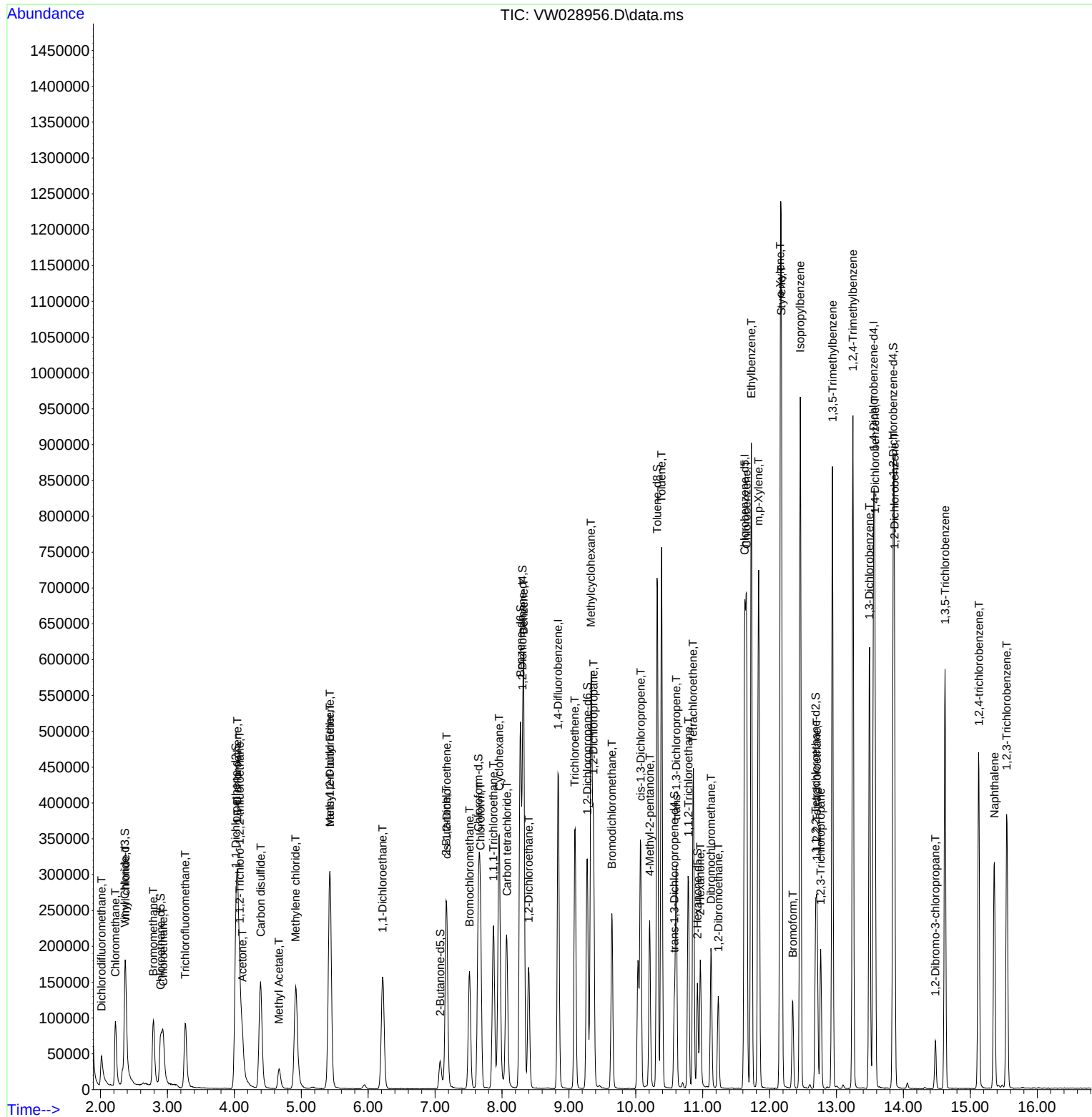
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	158082	24.907	ug/L	99
29) Cyclohexane	7.959	56	208227	25.003	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	184117	23.724	ug/L	99
31) Carbon tetrachloride	8.075	117	164619	23.287	ug/L	98
33) Benzene	8.325	78	503489	24.174	ug/L	100
34) Trichloroethene	9.087	95	131076	23.938	ug/L	96
35) Methylcyclohexane	9.331	83	229553	24.713	ug/L	99
37) 1,2-Dichloropropane	9.368	63	134452	24.652	ug/L	99
38) Bromodichloromethane	9.642	83	160768	24.169	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	203482	25.672	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	156453	56.397	ug/L	99
42) Toluene	10.386	91	534438	25.119	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	167757	26.253	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	91558	24.856	ug/L	97
46) Tetrachloroethene	10.855	164	93651	22.512	ug/L	99
48) 2-Hexanone	10.965	43	112994	54.326	ug/L	97
49) Dibromochloromethane	11.123	129	98036	25.198	ug/L	95
50) 1,2-Dibromoethane	11.233	107	87223	25.940	ug/L	92
51) Chlorobenzene	11.654	112	332644	24.338	ug/L	99
52) Ethylbenzene	11.727	91	603223	24.953	ug/L	97
53) m,p-Xylene	11.837	106	224782	25.104	ug/L	95
54) o-Xylene	12.160	106	210822	25.428	ug/L	99
55) Styrene	12.178	104	372060	26.029	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	109355	26.299	ug/L	98
59) Bromoform	12.349	173	54341	26.869	ug/L	99
60) Isopropylbenzene	12.458	105	592770	26.631	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	79651	26.848	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	439943	27.175	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	479931	28.051	ug/L	100
64) 1,3-Dichlorobenzene	13.489	146	238084	24.890	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	249648	24.989	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	219474	25.600	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	17303	27.363	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	176866	26.930	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	139709	26.246	ug/L	97
71) Naphthalene	15.360	128	269860	29.755	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	120479	26.492	ug/L	95

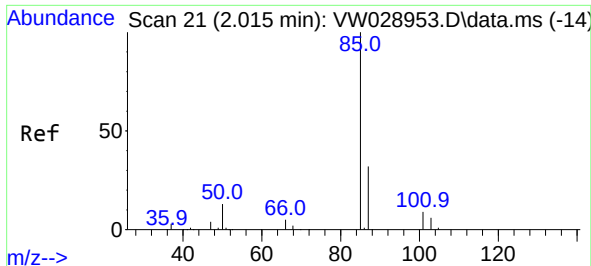
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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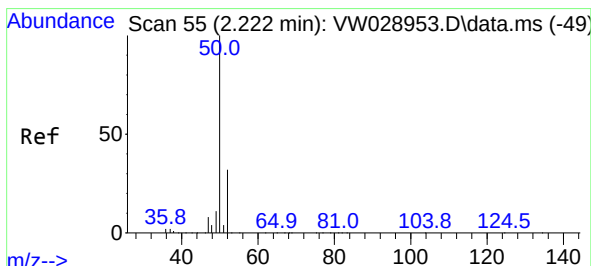
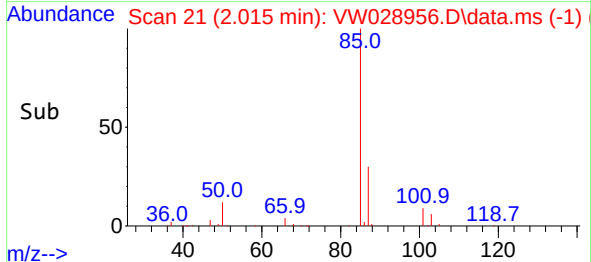
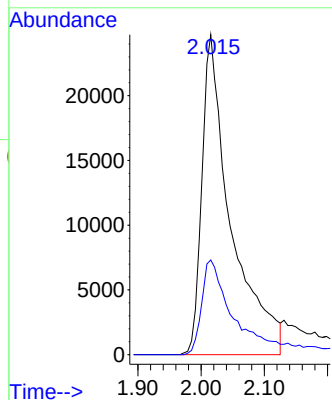
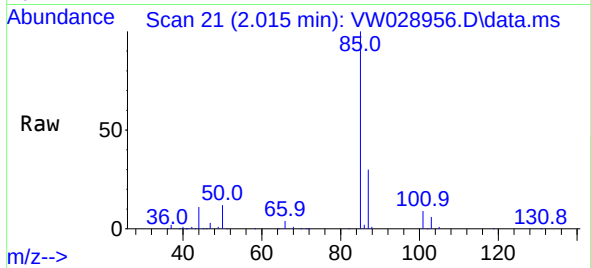




#2
Dichlorodifluoromethane
Concen: 19.106 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

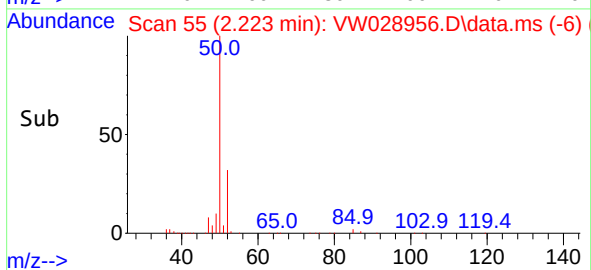
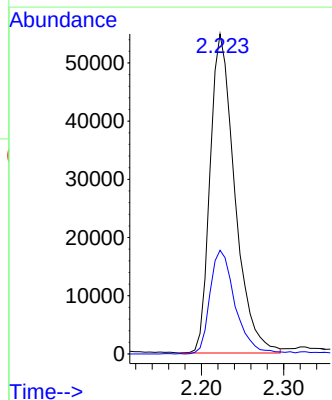
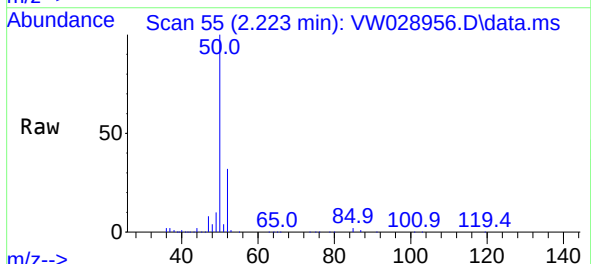
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MSVOA_W
ClientSampleId :

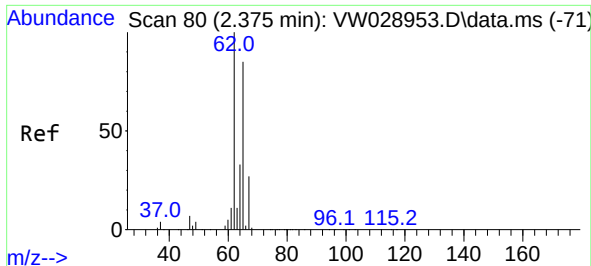
Tgt Ion: 85 Resp: 78517
Ion Ratio Lower Upper
85 100
87 25.5 25.3 37.9



#3
Chloromethane
Concen: 22.834 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

Tgt Ion: 50 Resp: 114641
Ion Ratio Lower Upper
50 100
52 32.4 22.1 41.1

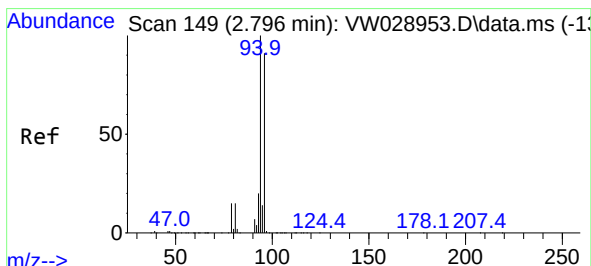
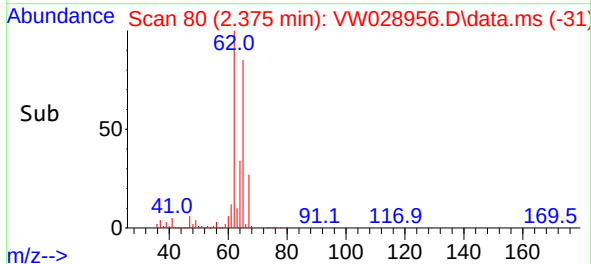
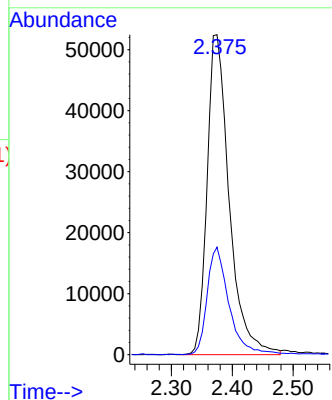
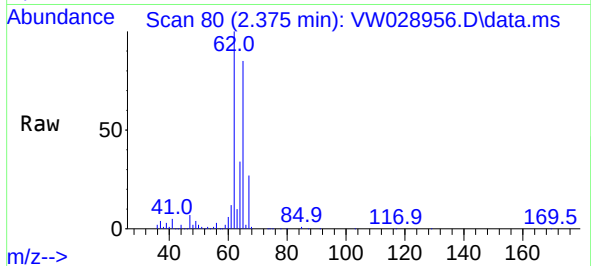




#5
 Vinyl chloride
 Concen: 21.783 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028956.D
 Acq: 03 Jun 2024 11:43

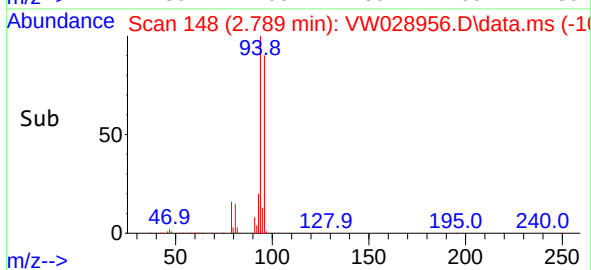
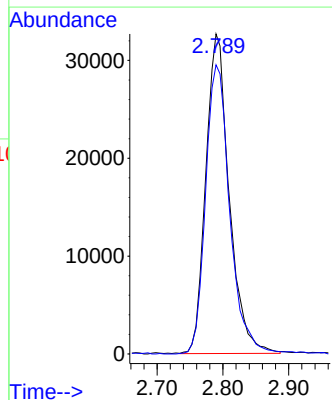
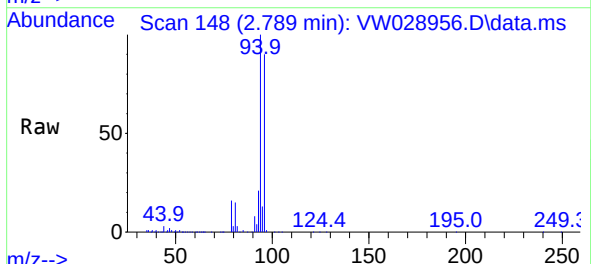
Instrument :
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 ClientSampleId :

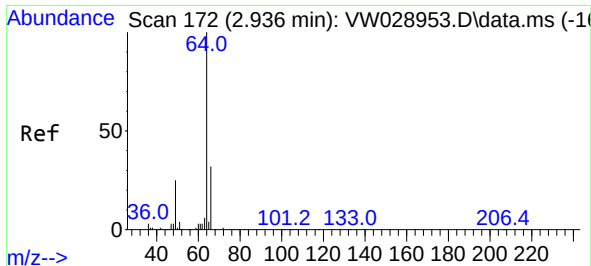
Tgt Ion: 62 Resp: 132382
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.4 43.4



#6
 Bromomethane
 Concen: 22.221 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW028956.D
 Acq: 03 Jun 2024 11:43

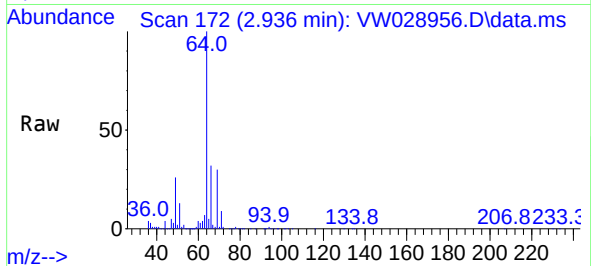
Tgt Ion: 94 Resp: 80912
 Ion Ratio Lower Upper
 94 100
 96 90.3 63.7 118.3



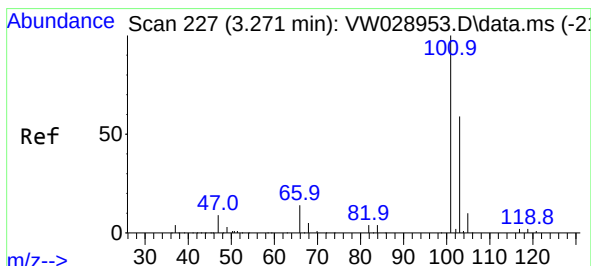
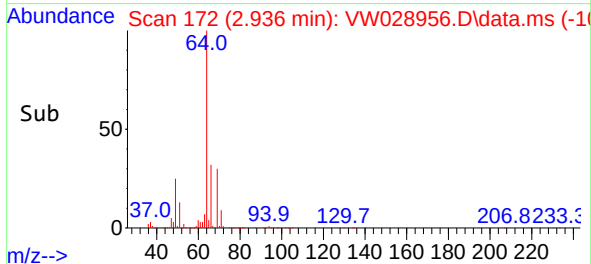
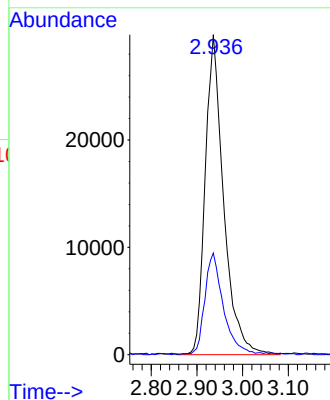


#8
Chloroethane
Concen: 22.674 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

Instrument :
MSVOA_W
ClientSampleId :

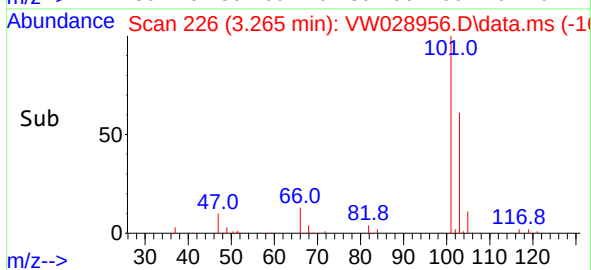
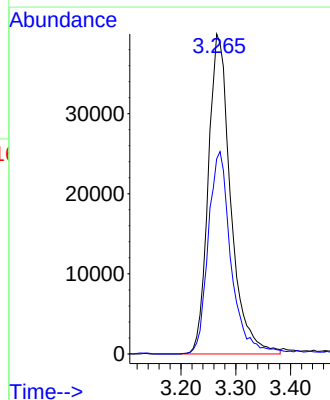
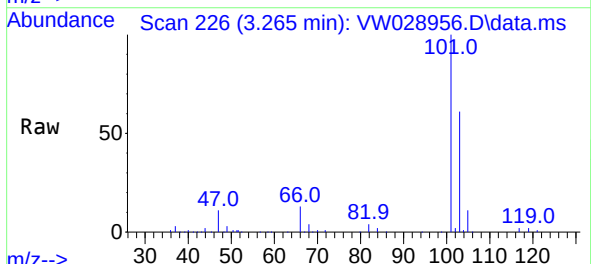


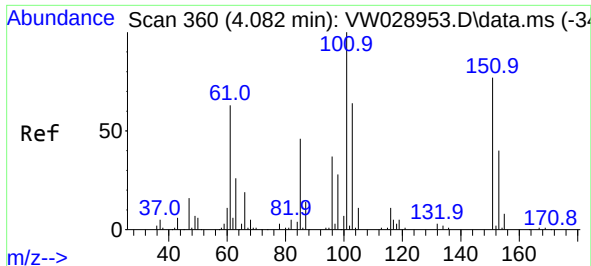
Tgt Ion: 64 Resp: 83219
Ion Ratio Lower Upper
64 100
66 31.8 22.9 42.5



#9
Trichlorofluoromethane
Concen: 22.460 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

Tgt Ion:101 Resp: 113462
Ion Ratio Lower Upper
101 100
103 63.0 51.3 76.9

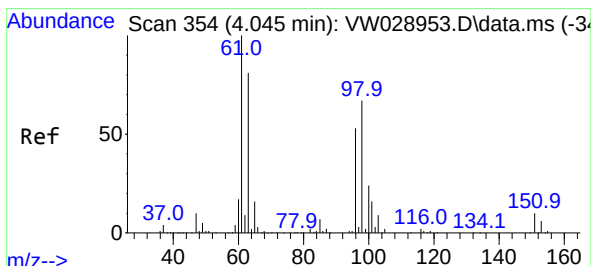
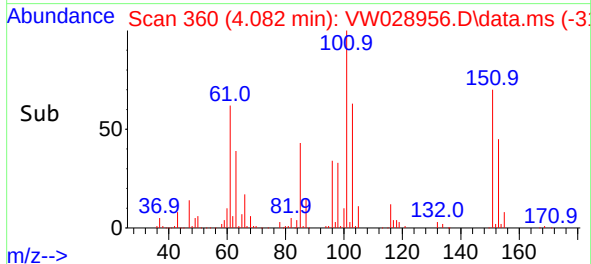
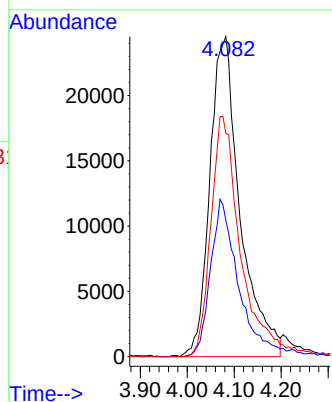
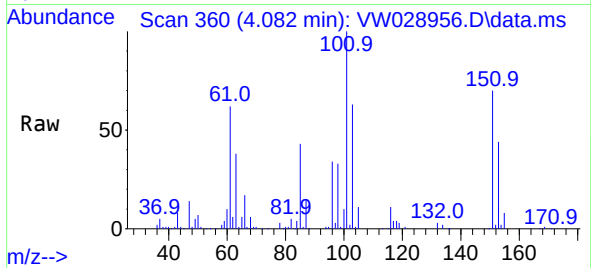




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.044 ug/L
 RT: 4.082 min Scan# 360
 Delta R.T. 0.000 min
 Lab File: VW028956.D
 Acq: 03 Jun 2024 11:43

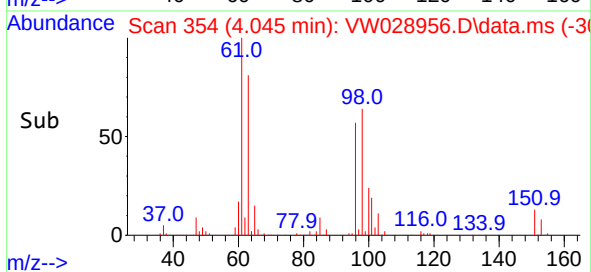
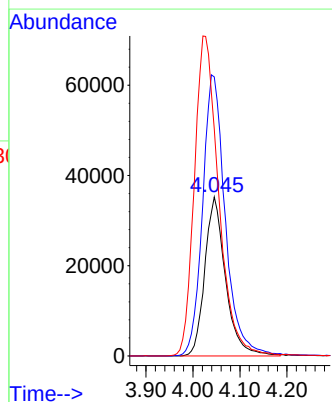
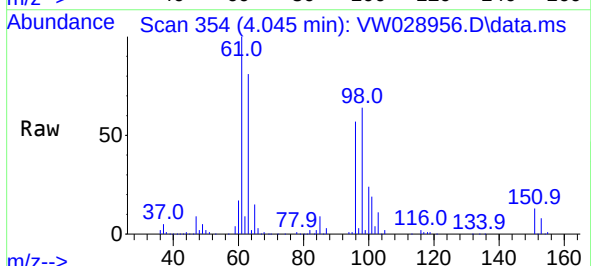
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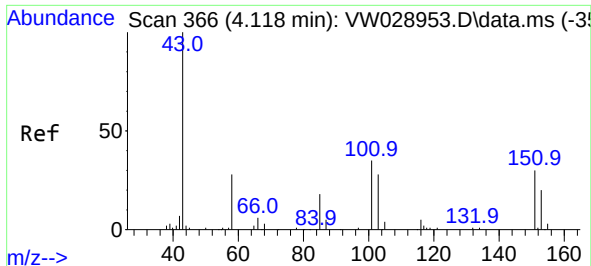
Tgt Ion:101 Resp: 109880
 Ion Ratio Lower Upper
 101 100
 85 45.2 35.8 53.8
 151 73.0 58.5 87.7



#12
 1,1-Dichloroethene
 Concen: 23.769 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW028956.D
 Acq: 03 Jun 2024 11:43

Tgt Ion: 96 Resp: 108126
 Ion Ratio Lower Upper
 96 100
 61 175.5 132.2 245.4
 63 142.6 108.4 201.2

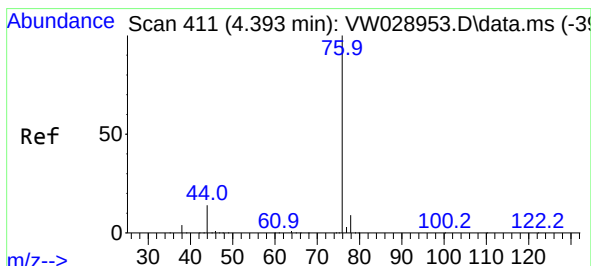
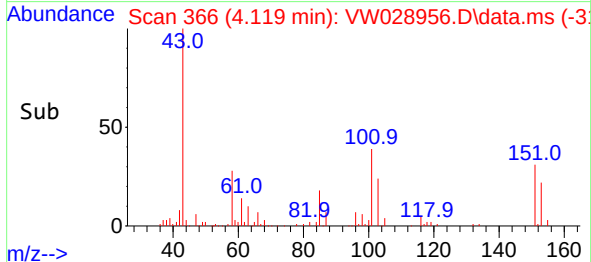
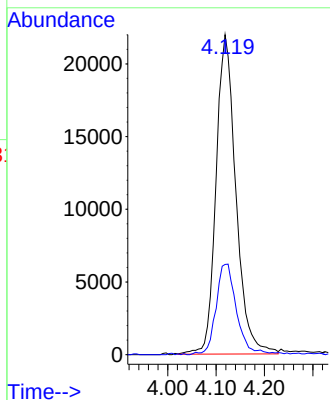
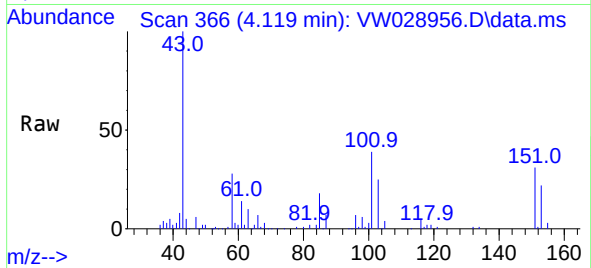




#13
Acetone
Concen: 51.189 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW028956.D
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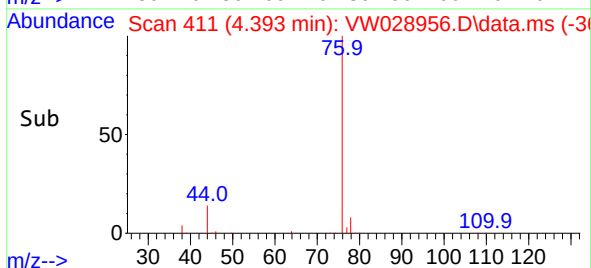
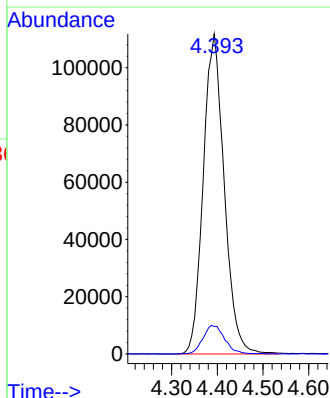
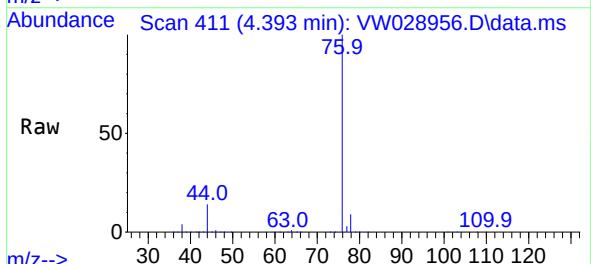
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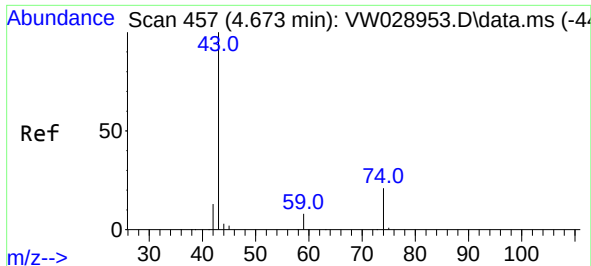
Tgt Ion: 43 Resp: 62663
Ion Ratio Lower Upper
43 100
58 27.5 0.0 59.4



#14
Carbon disulfide
Concen: 23.116 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 356019
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

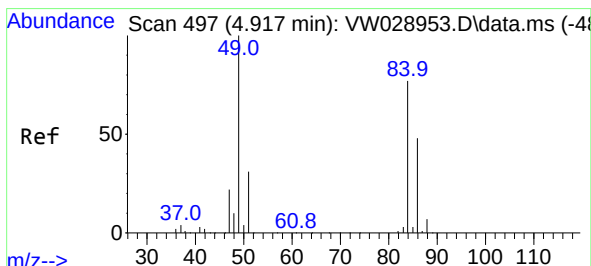
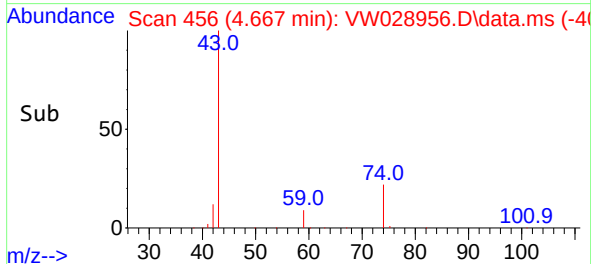
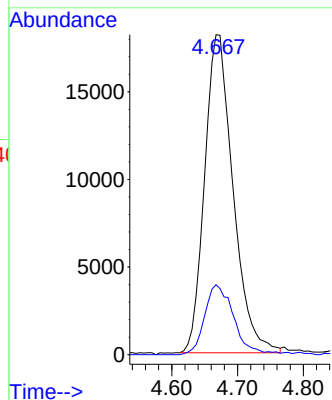
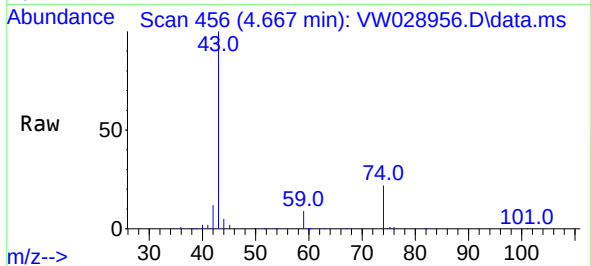




#15
Methyl Acetate
Concen: 26.912 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

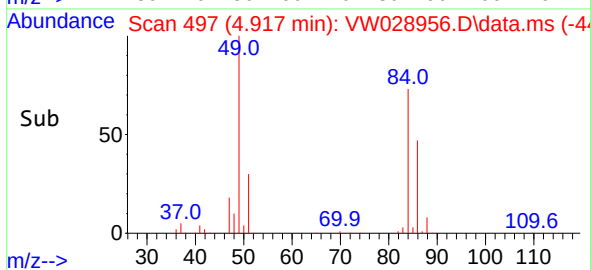
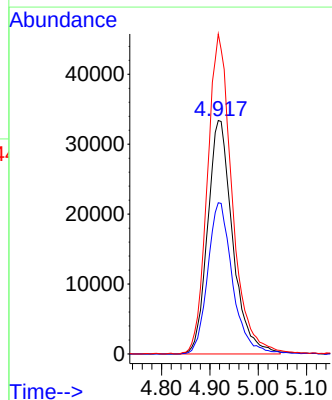
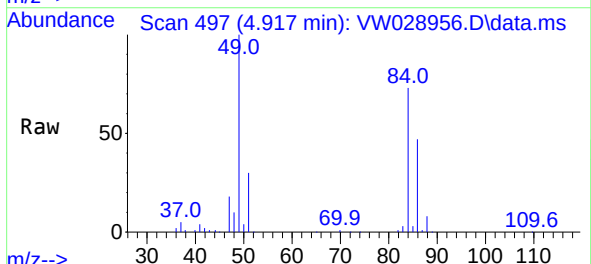
Instrument :
MSVOA_W
ClientSampleId :

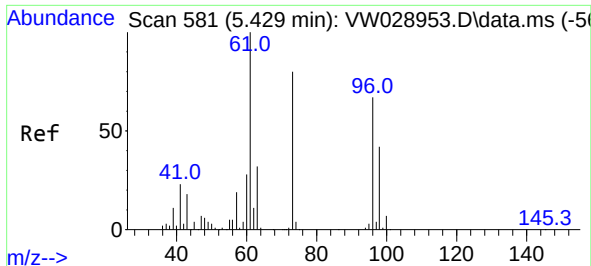
Tgt Ion: 43 Resp: 54715
Ion Ratio Lower Upper
43 100
74 22.0 17.4 26.2



#16
Methylene chloride
Concen: 22.199 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

Tgt Ion: 84 Resp: 119901
Ion Ratio Lower Upper
84 100
86 64.8 43.8 81.4
49 137.1 91.3 169.5





#17

trans-1,2-Dichloroethene

Concen: 23.459 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

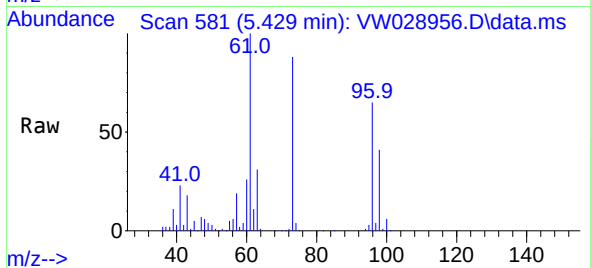
Lab File: VW028956.D

Acq: 03 Jun 2024 11:43

Instrument :

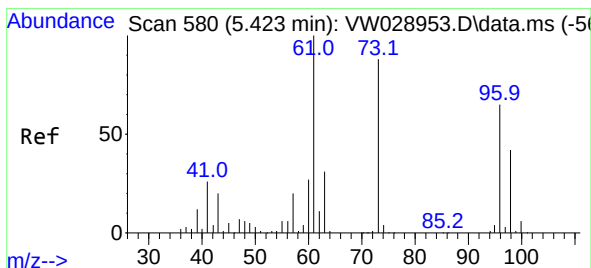
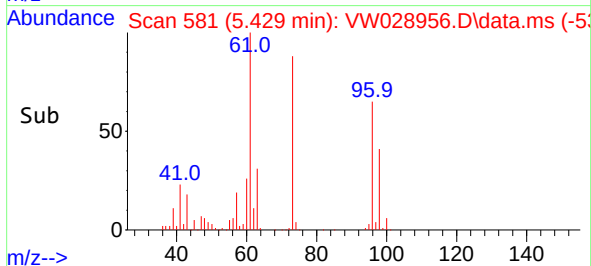
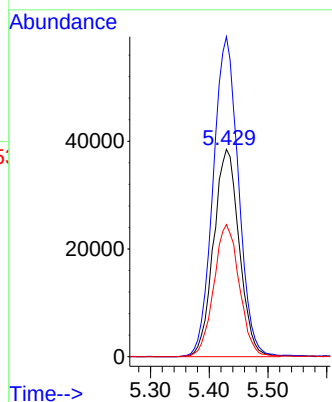
MSVOA_W

ClientSampleId :



Tgt Ion: 96 Resp: 116352

Ion	Ratio	Lower	Upper
96	100		
61	154.4	104.6	194.2
98	63.7	44.0	81.8



#18

Methyl tert-butyl Ether

Concen: 26.137 ug/L

RT: 5.429 min Scan# 581

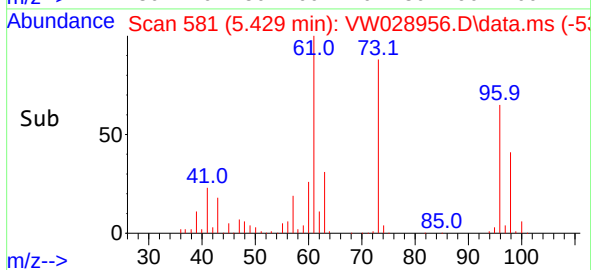
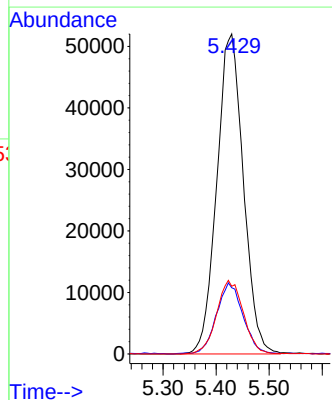
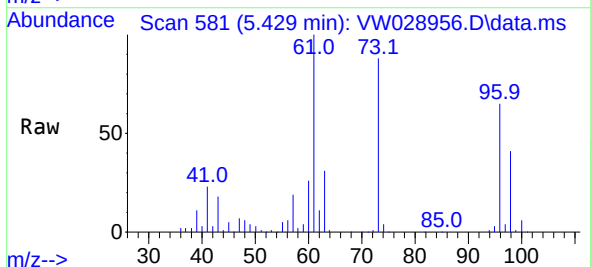
Delta R.T. 0.006 min

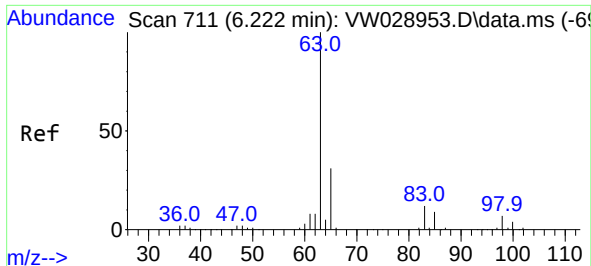
Lab File: VW028956.D

Acq: 03 Jun 2024 11:43

Tgt Ion: 73 Resp: 180774

Ion	Ratio	Lower	Upper
73	100		
43	21.8	17.8	26.6
57	23.2	18.4	27.6





#19

1,1-Dichloroethane

Concen: 24.038 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW028956.D

Acq: 03 Jun 2024 11:43

Instrument :

MSVOA_W

ClientSampleId :

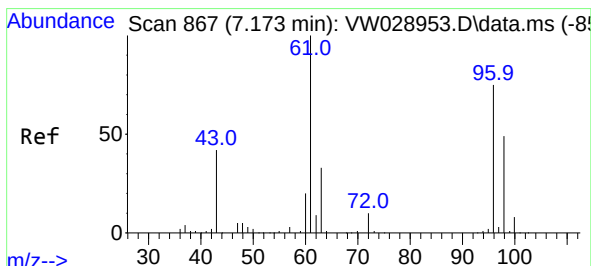
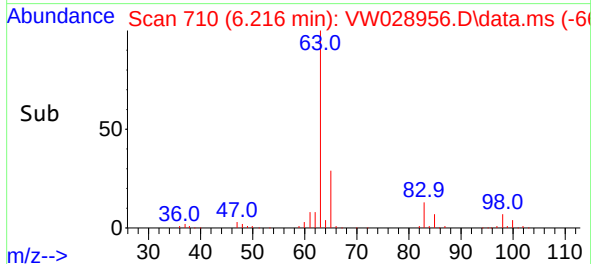
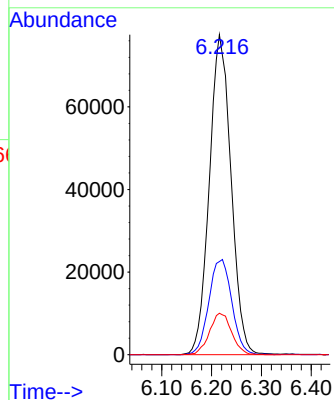
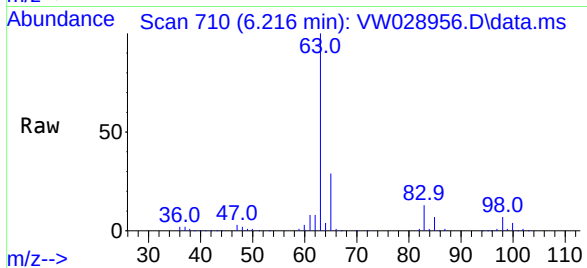
Tgt Ion: 63 Resp: 234402

Ion Ratio Lower Upper

63 100

65 29.1 21.8 40.6

83 12.9 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 24.459 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW028956.D

Acq: 03 Jun 2024 11:43

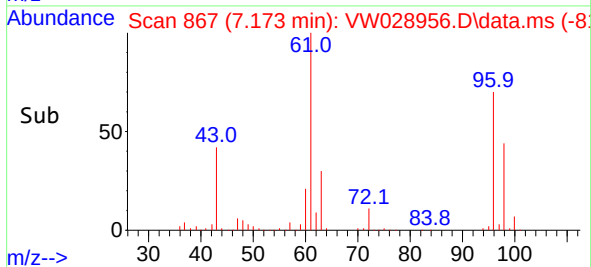
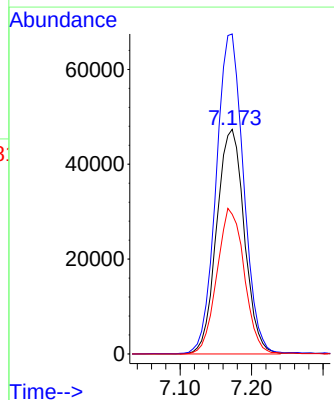
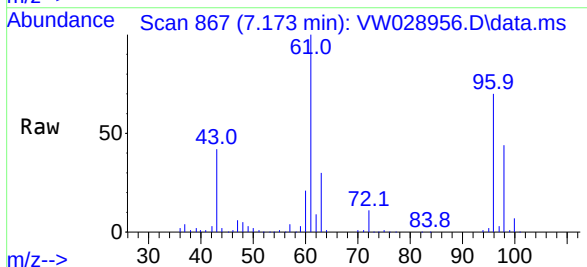
Tgt Ion: 96 Resp: 127181

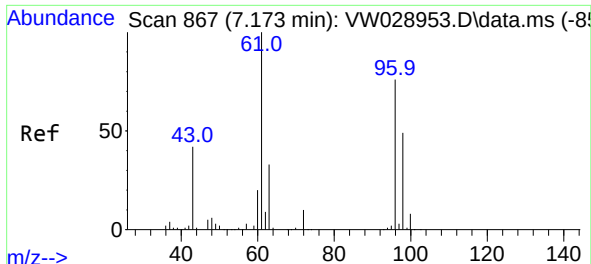
Ion Ratio Lower Upper

96 100

61 142.5 92.9 172.5

98 62.2 45.2 84.0

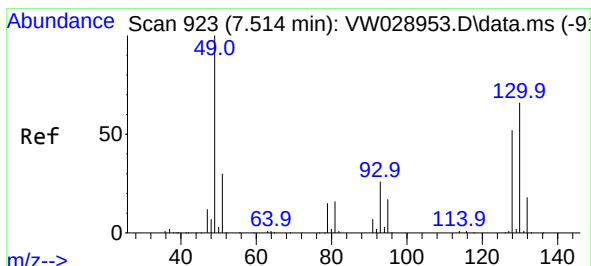
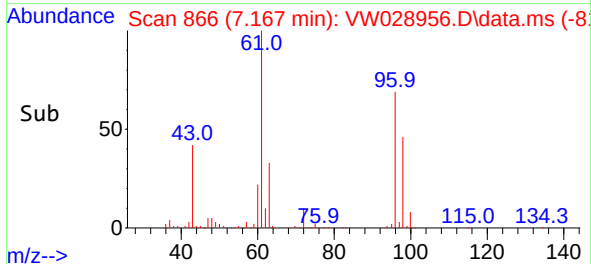
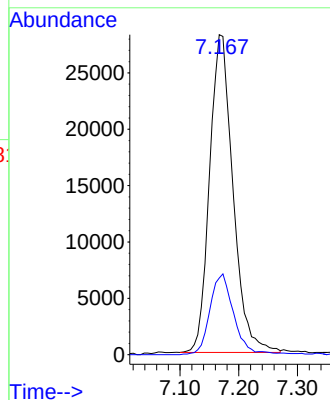
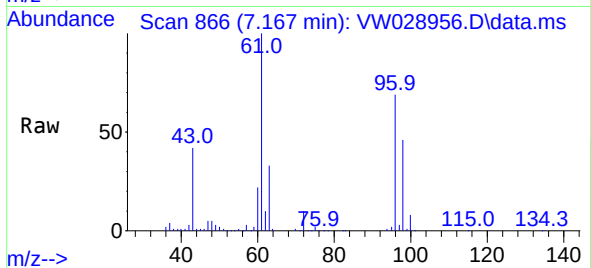




#22
2-Butanone
Concen: 52.975 ug/L
RT: 7.167 min Scan# 867
Delta R.T. -0.006 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

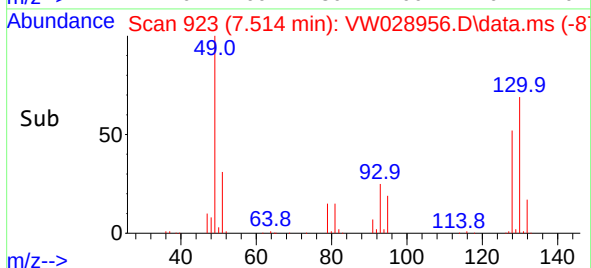
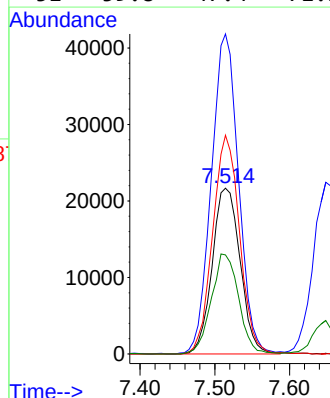
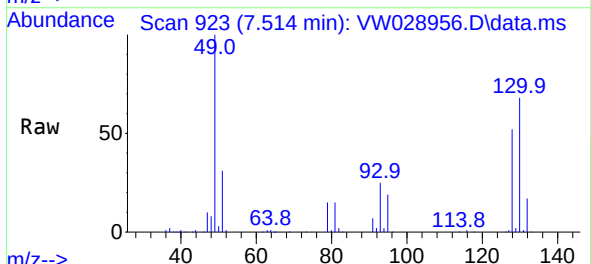
Instrument :
MSVOA_W
ClientSampleId :

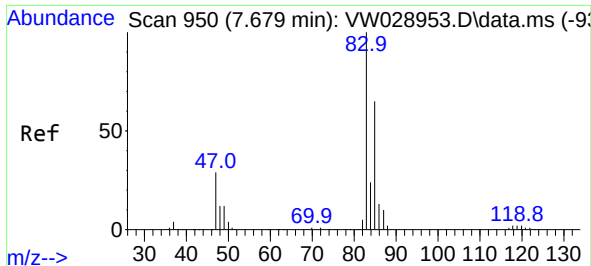
Tgt Ion: 43 Resp: 78143
Ion Ratio Lower Upper
43 100
72 25.1 12.5 37.5



#23
Bromochloromethane
Concen: 24.810 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

Tgt Ion: 128 Resp: 56314
Ion Ratio Lower Upper
128 100
49 193.1 135.9 252.3
130 131.9 89.0 165.2
51 59.8 47.4 71.2

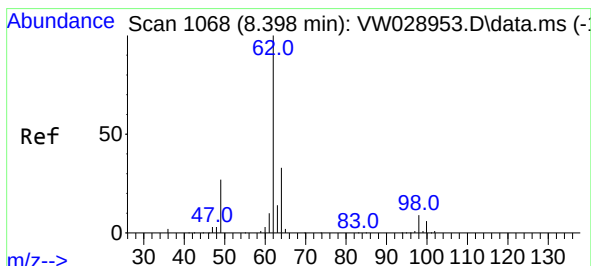
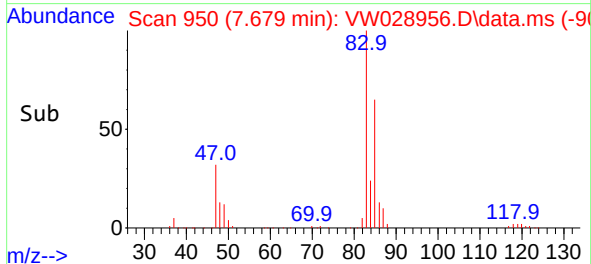
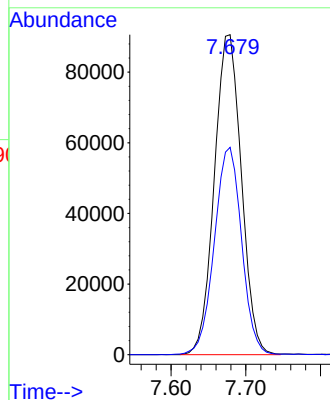
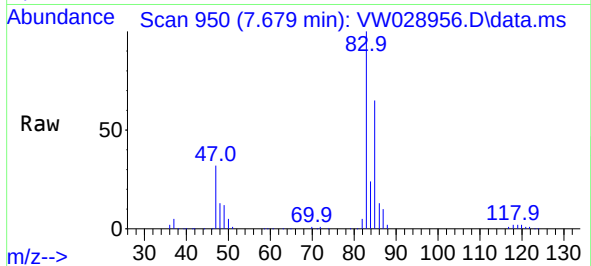




#25
Chloroform
Concen: 24.108 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

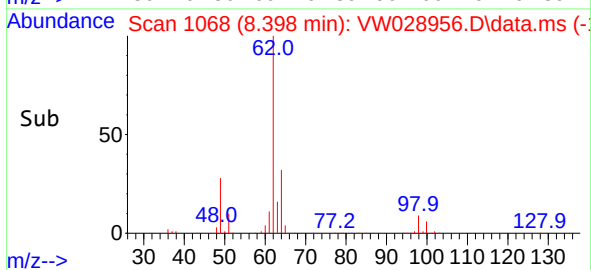
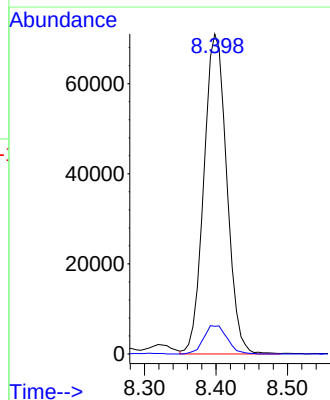
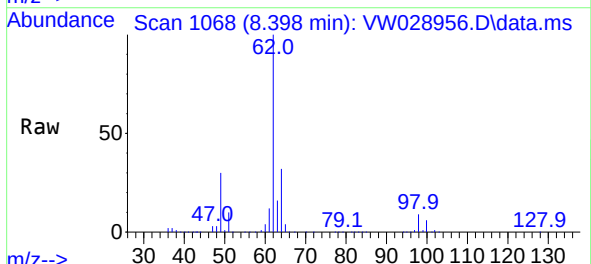
Instrument :
MSVOA_W
ClientSampleId :

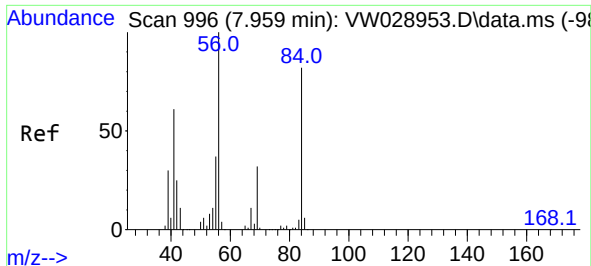
Tgt Ion: 83 Resp: 228324
Ion Ratio Lower Upper
83 100
85 64.8 45.8 85.2



#27
1,2-Dichloroethane
Concen: 24.907 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

Tgt Ion: 62 Resp: 158082
Ion Ratio Lower Upper
62 100
98 8.6 7.1 10.7





#29

Cyclohexane

Concen: 25.003 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

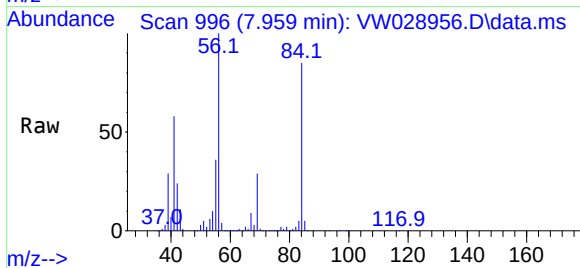
Lab File: VW028956.D

Acq: 03 Jun 2024 11:43

Instrument :

MSVOA_W

ClientSampleId :



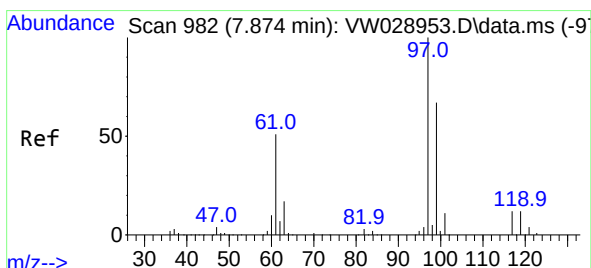
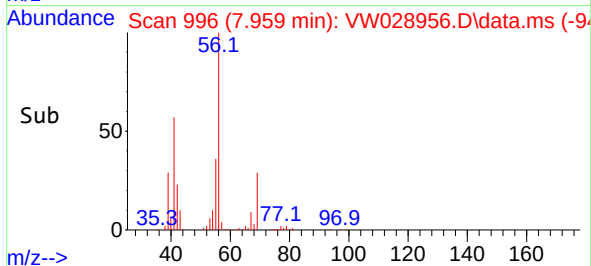
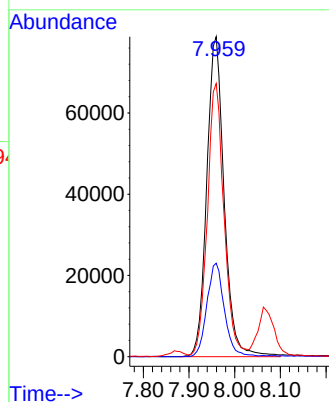
Tgt Ion: 56 Resp: 208227

Ion Ratio Lower Upper

56 100

69 28.9 24.2 36.4

84 81.9 65.4 98.2



#30

1,1,1-Trichloroethane

Concen: 23.724 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028956.D

Acq: 03 Jun 2024 11:43

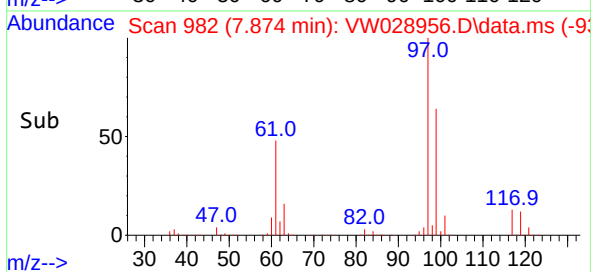
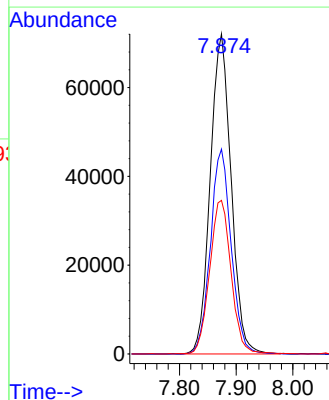
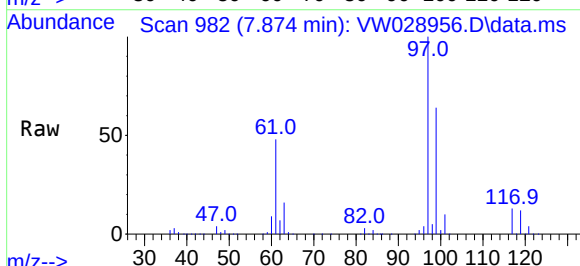
Tgt Ion: 97 Resp: 184117

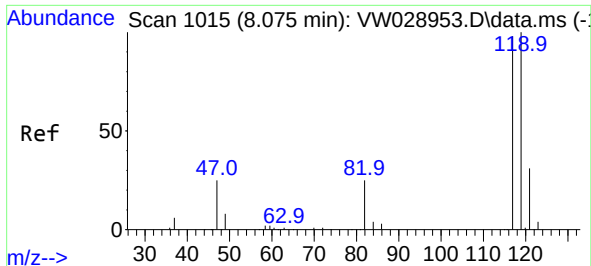
Ion Ratio Lower Upper

97 100

99 63.7 51.6 77.4

61 49.1 39.6 59.4

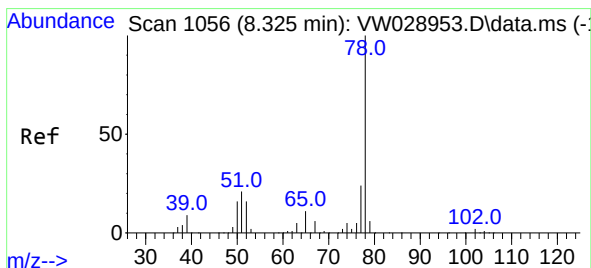
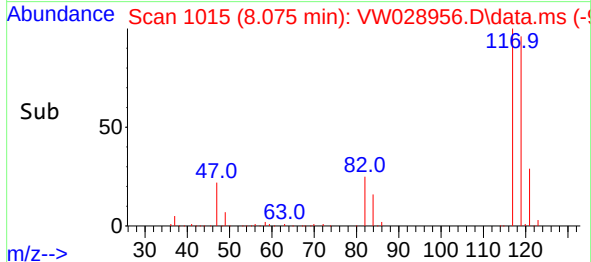
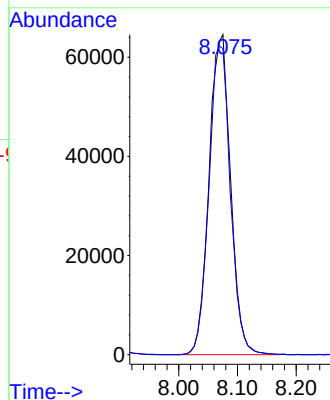
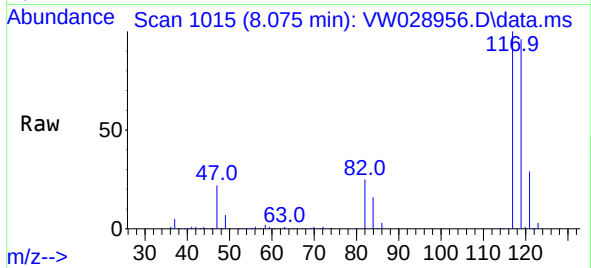




#31
Carbon tetrachloride
Concen: 23.287 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. 0.000 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

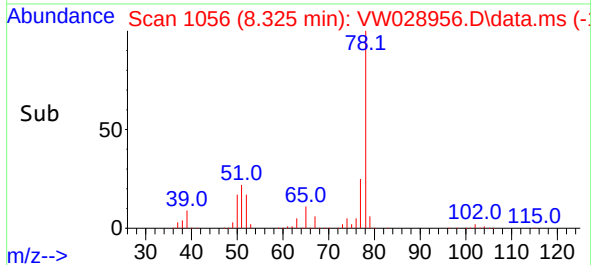
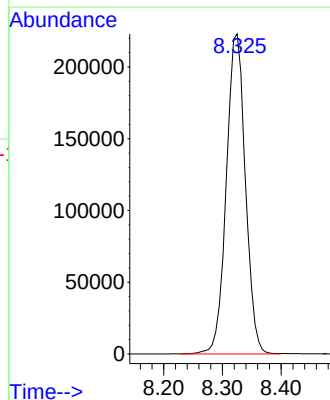
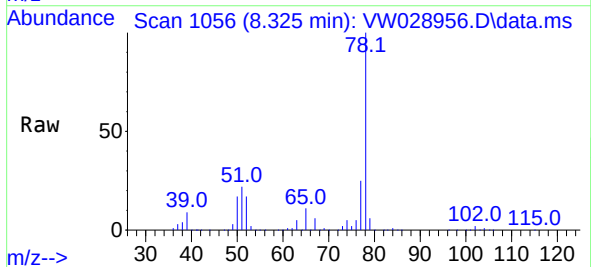
Instrument :
MSVOA_W
ClientSampleId :

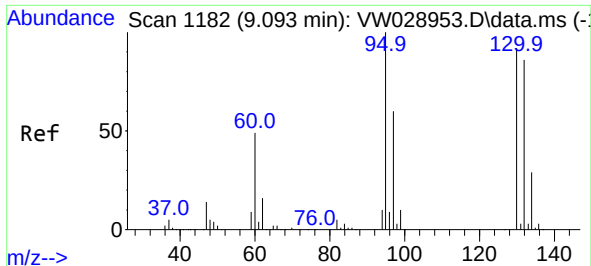
Tgt Ion:117 Resp: 164619
Ion Ratio Lower Upper
117 100
119 96.4 78.8 118.2



#33
Benzene
Concen: 24.174 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

Tgt Ion: 78 Resp: 503489





#34

Trichloroethene

Concen: 23.938 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW028956.D

Acq: 03 Jun 2024 11:43

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 131076

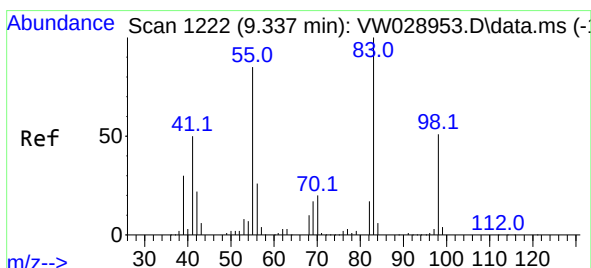
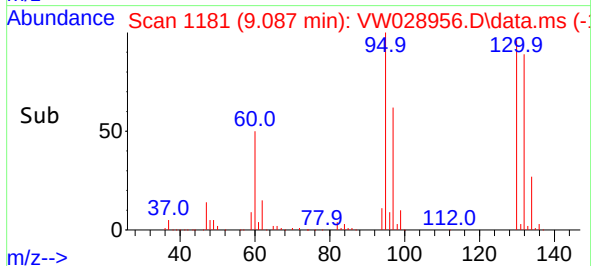
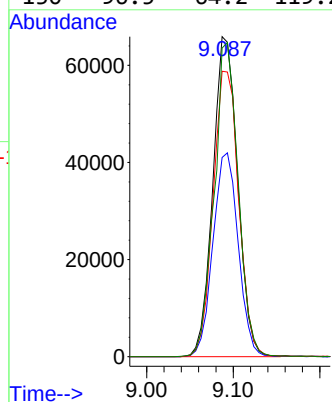
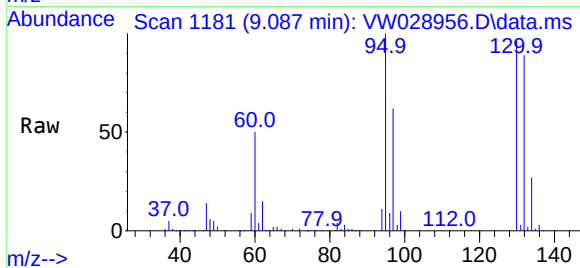
Ion Ratio Lower Upper

95 100

97 62.3 41.9 77.7

132 89.2 60.1 111.5

130 96.5 64.2 119.2



#35

Methylcyclohexane

Concen: 24.713 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW028956.D

Acq: 03 Jun 2024 11:43

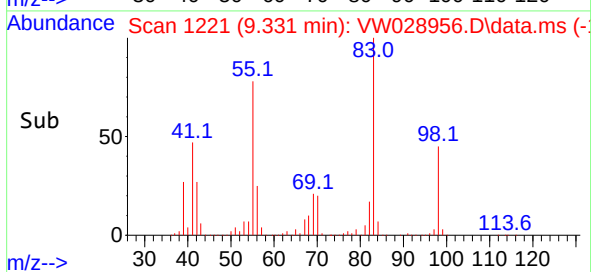
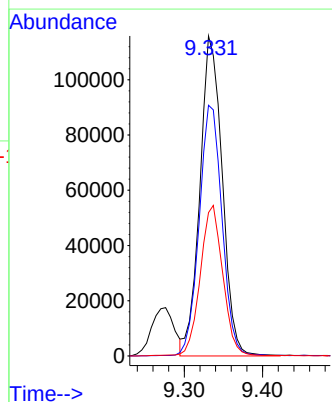
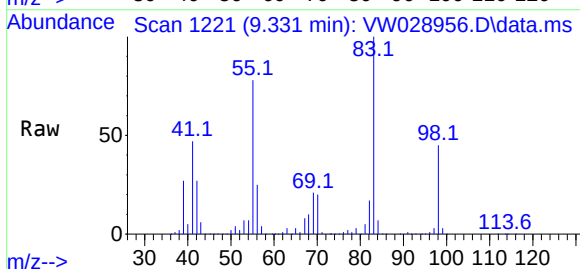
Tgt Ion: 83 Resp: 229553

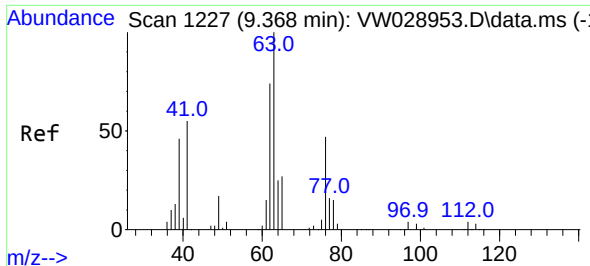
Ion Ratio Lower Upper

83 100

55 80.5 65.8 98.6

98 47.6 38.4 57.6





#37

1,2-Dichloropropane

Concen: 24.652 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW028956.D

Acq: 03 Jun 2024 11:43

Instrument :

MSVOA_W

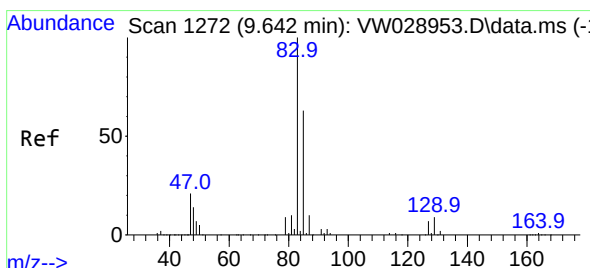
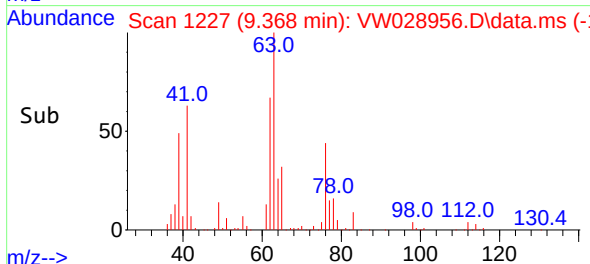
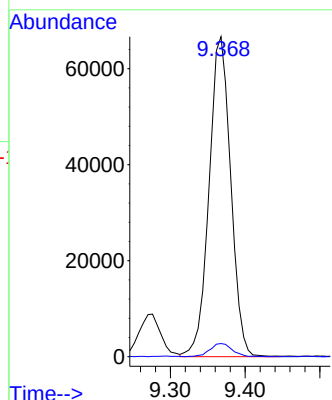
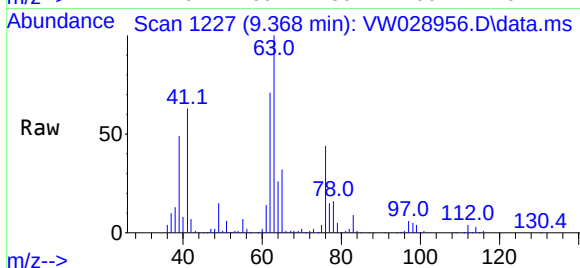
ClientSampleId :

Tgt Ion: 63 Resp: 134452

Ion Ratio Lower Upper

63 100

112 4.2 3.6 5.4



#38

Bromodichloromethane

Concen: 24.169 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028956.D

Acq: 03 Jun 2024 11:43

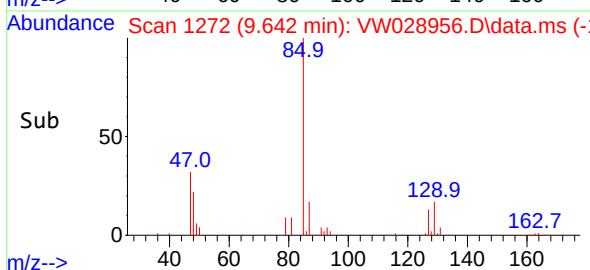
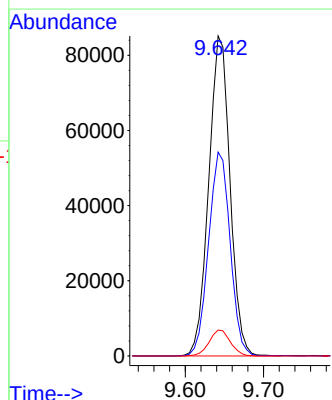
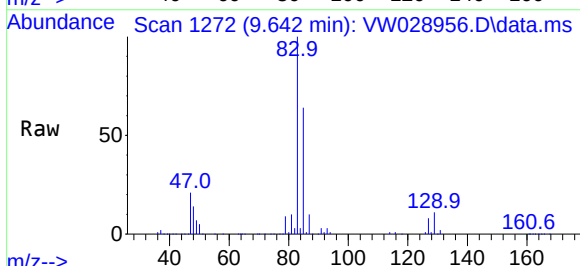
Tgt Ion: 83 Resp: 160768

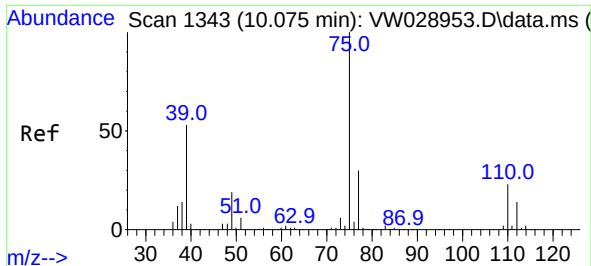
Ion Ratio Lower Upper

83 100

85 63.7 43.9 81.5

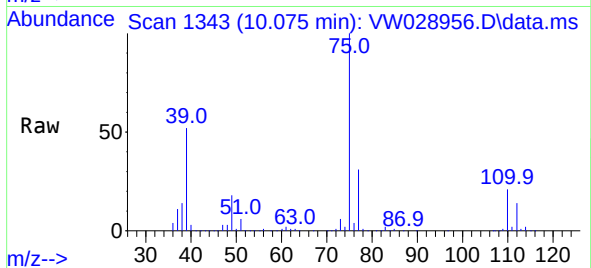
127 8.1 5.4 8.2



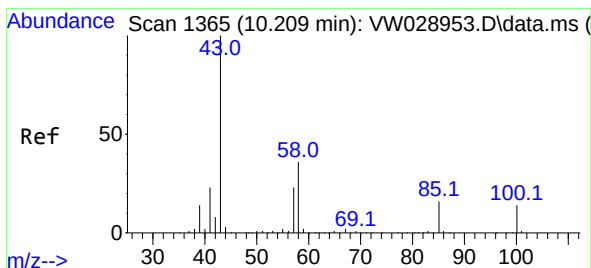
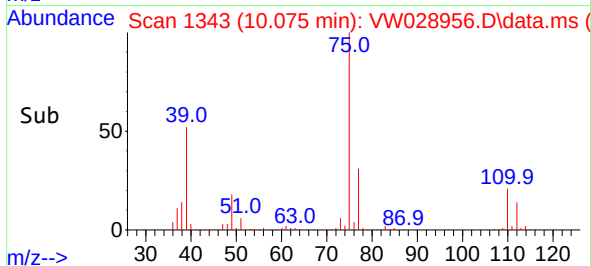
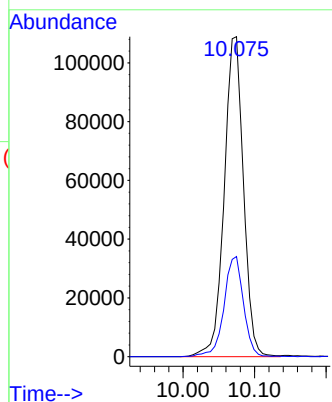


#39
cis-1,3-Dichloropropene
Concen: 25.672 ug/L
RT: 10.075 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

Instrument :
MSVOA_W
ClientSampleId :

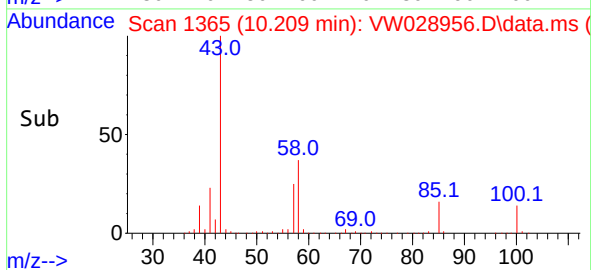
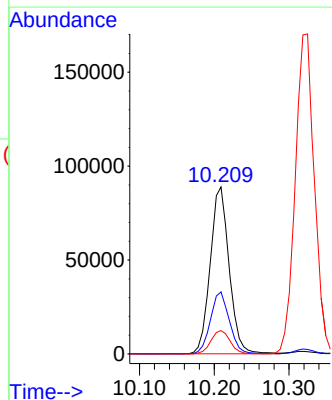
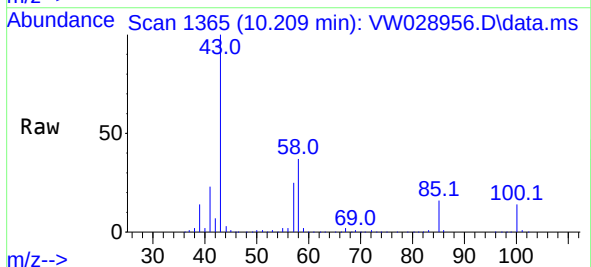


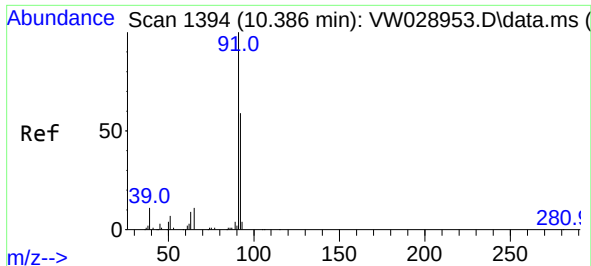
Tgt Ion: 75 Resp: 203482
Ion Ratio Lower Upper
75 100
77 31.3 21.0 39.0



#40
4-Methyl-2-pentanone
Concen: 56.397 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

Tgt Ion: 43 Resp: 156453
Ion Ratio Lower Upper
43 100
58 37.3 30.3 45.5
100 14.2 10.7 16.1

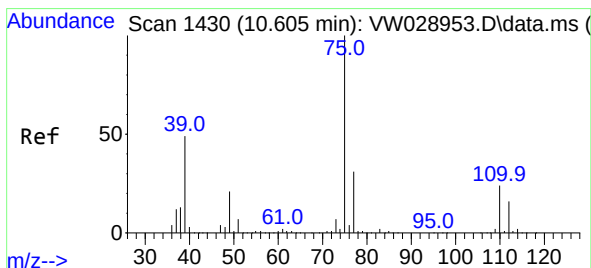
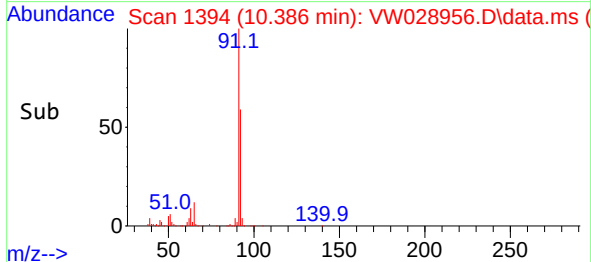
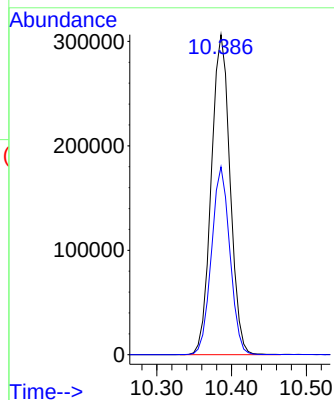
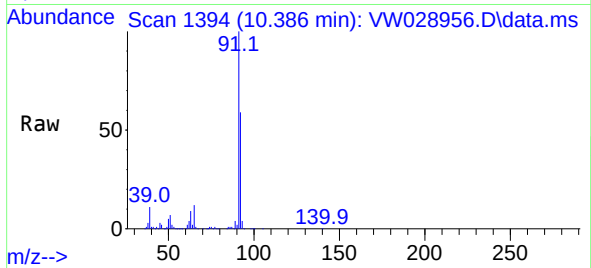




#42
Toluene
Concen: 25.119 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

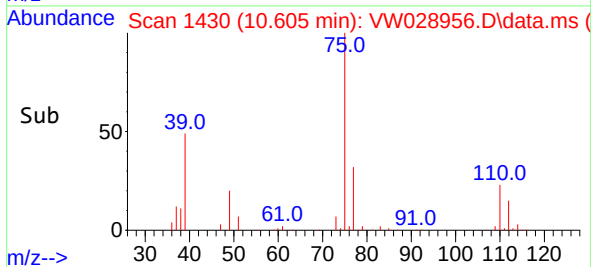
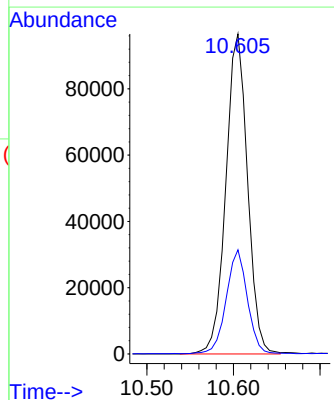
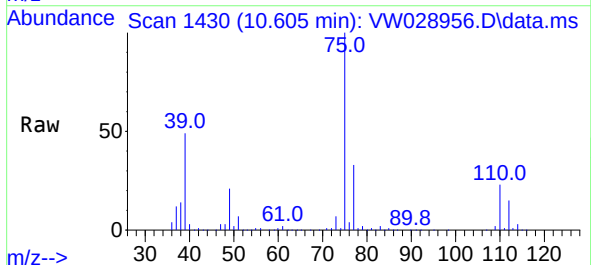
Instrument :
MSVOA_W
ClientSampleId :

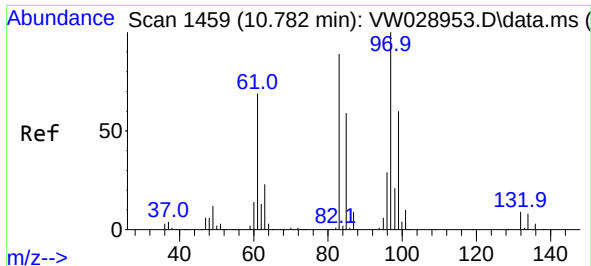
Tgt Ion: 91 Resp: 534438
Ion Ratio Lower Upper
91 100
92 58.7 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 26.253 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

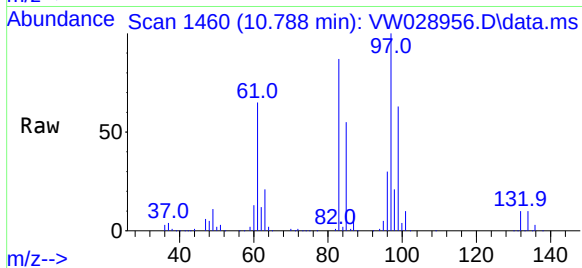
Tgt Ion: 75 Resp: 167757
Ion Ratio Lower Upper
75 100
77 32.6 22.0 40.8



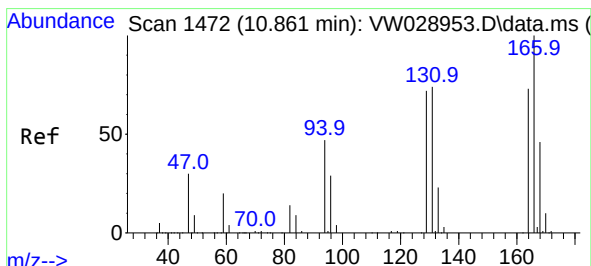
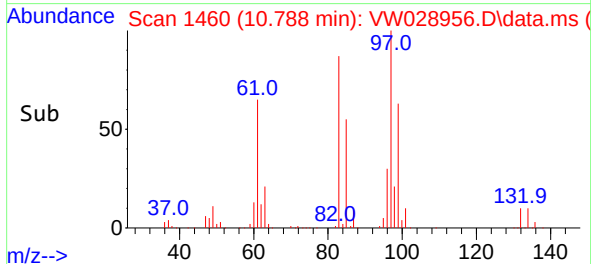
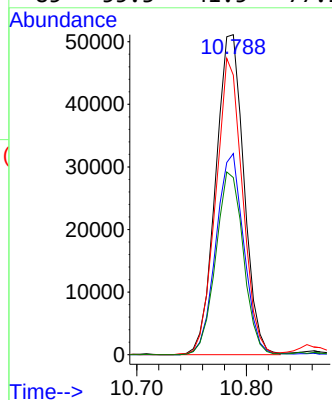


#45
1,1,2-Trichloroethane
Concen: 24.856 ug/L
RT: 10.788 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

Instrument :
MSVOA_W
ClientSampleId :

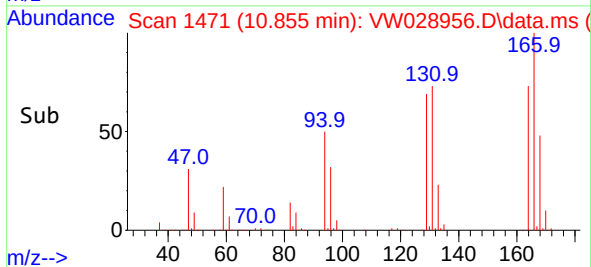
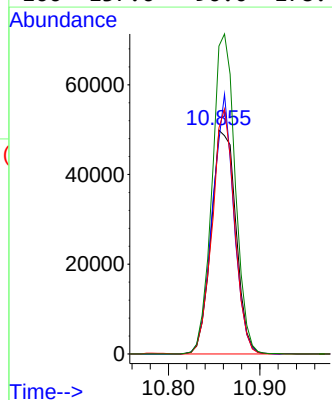
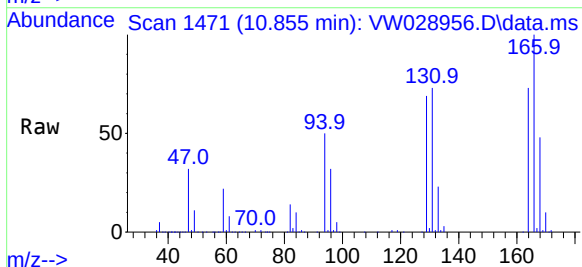


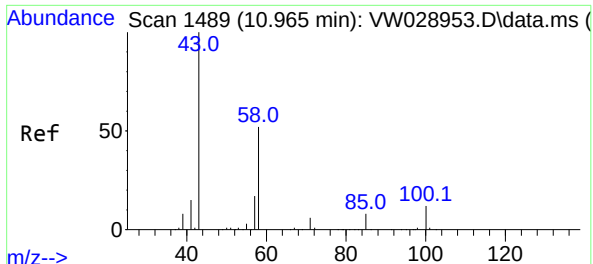
Tgt Ion: 97 Resp: 91558
Ion Ratio Lower Upper
97 100
99 62.9 41.8 77.6
83 87.4 62.4 115.8
85 55.3 41.5 77.1



#46
Tetrachloroethene
Concen: 22.512 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

Tgt Ion:164 Resp: 93651
Ion Ratio Lower Upper
164 100
129 95.5 69.4 128.8
131 101.0 71.0 131.9
166 137.6 96.0 178.4

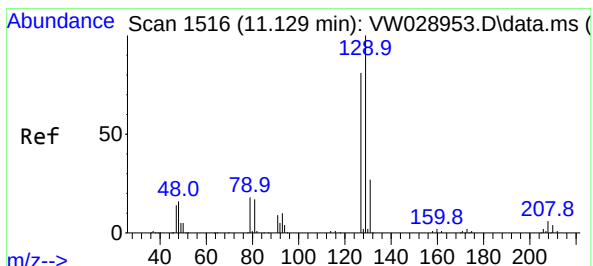
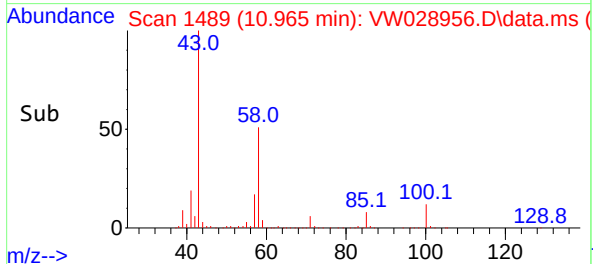
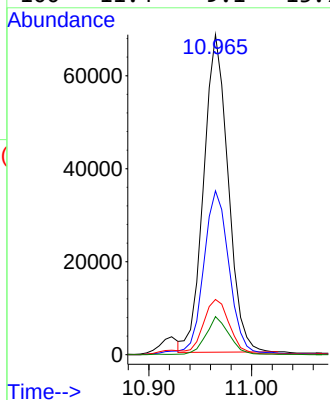
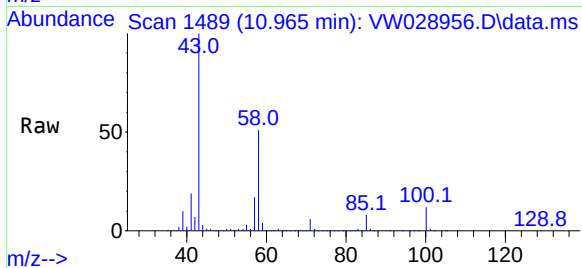




#48
2-Hexanone
Concen: 54.326 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

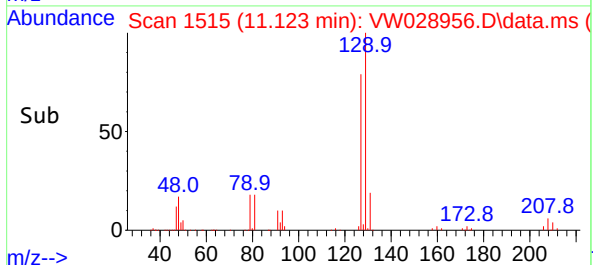
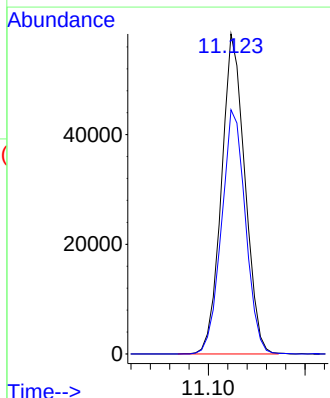
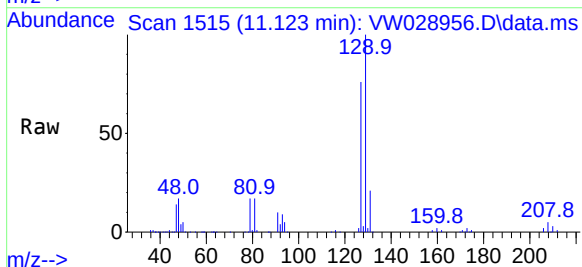
Instrument :
MSVOA_W
ClientSampleId :

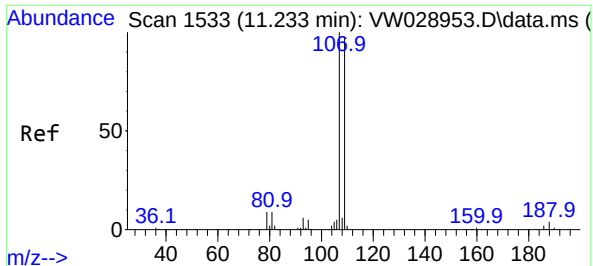
Tgt Ion:	43	Resp:	112994
Ion	Ratio	Lower	Upper
43	100		
58	54.3	41.4	62.0
57	18.1	14.2	21.4
100	11.4	9.1	13.7



#49
Dibromochloromethane
Concen: 25.198 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

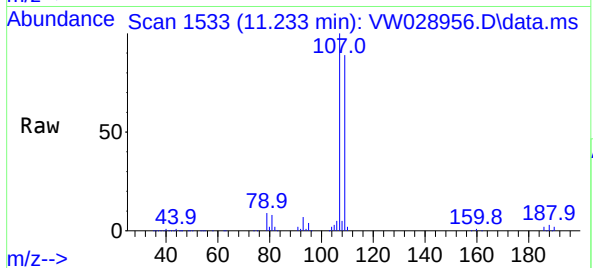
Tgt Ion:	129	Resp:	98036
Ion	Ratio	Lower	Upper
129	100		
127	76.3	56.5	104.9



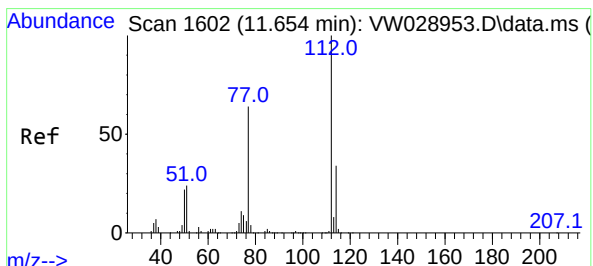
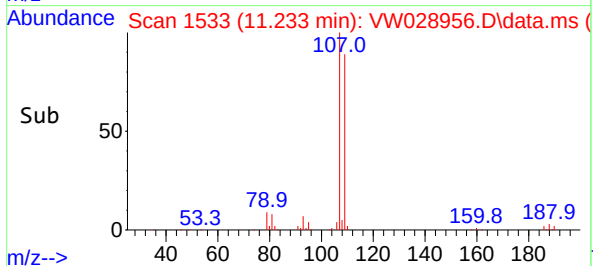
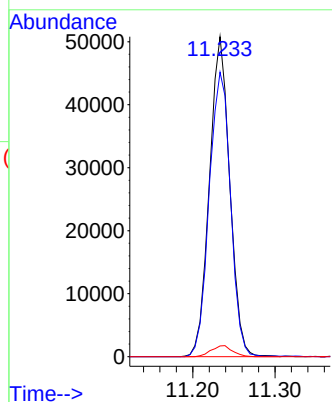


#50
1,2-Dibromoethane
Concen: 25.940 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

Instrument :
MSVOA_W
ClientSampleId :

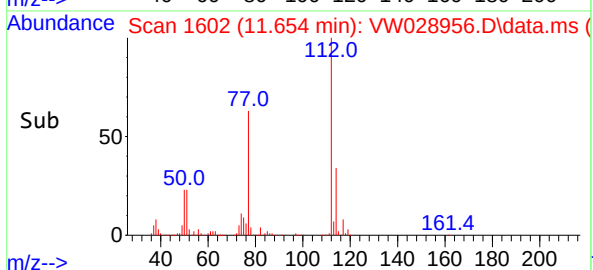
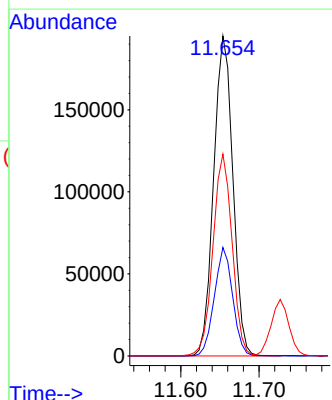
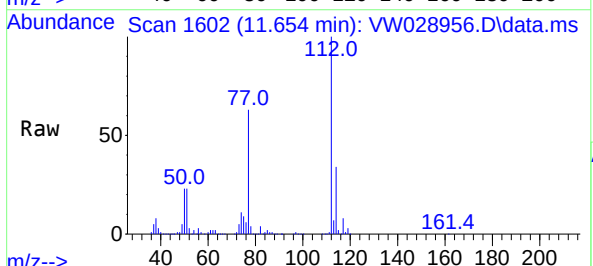


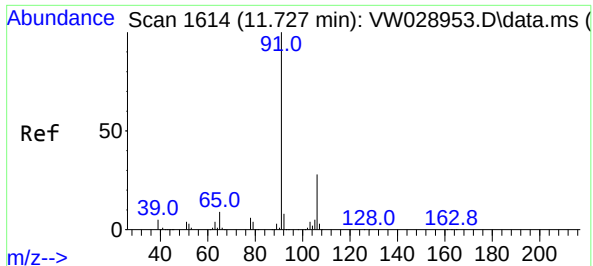
Tgt Ion:107 Resp: 87223
Ion Ratio Lower Upper
107 100
109 88.9 67.9 126.1
188 3.4 3.0 4.4



#51
Chlorobenzene
Concen: 24.338 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

Tgt Ion:112 Resp: 332644
Ion Ratio Lower Upper
112 100
114 33.9 23.7 44.1
77 63.1 51.7 77.5





#52

Ethylbenzene

Concen: 24.953 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028956.D

Acq: 03 Jun 2024 11:43

Instrument :

MSVOA_W

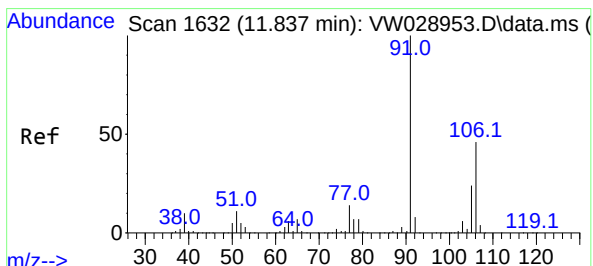
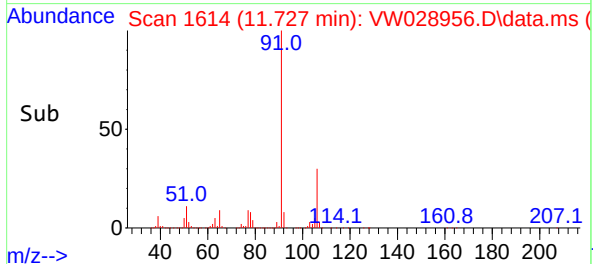
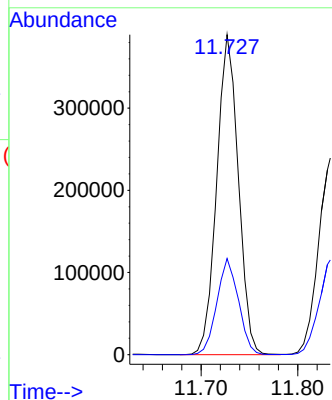
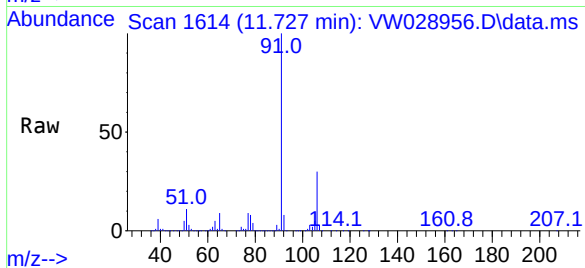
ClientSampleId :

Tgt Ion: 91 Resp: 603223

Ion Ratio Lower Upper

91 100

106 30.0 19.9 37.0



#53

m,p-Xylene

Concen: 25.104 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028956.D

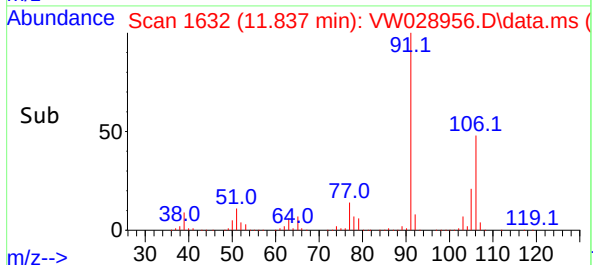
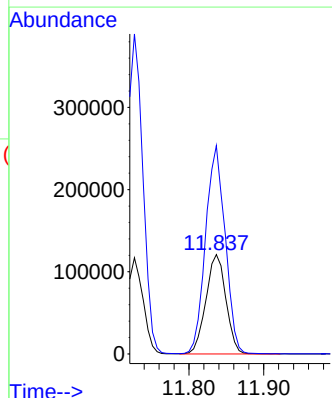
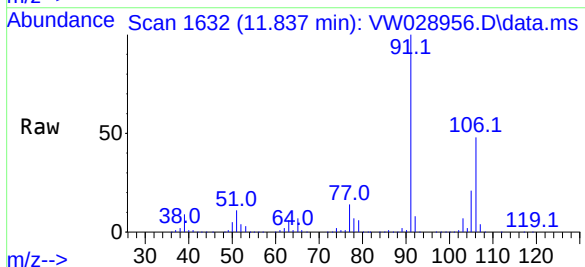
Acq: 03 Jun 2024 11:43

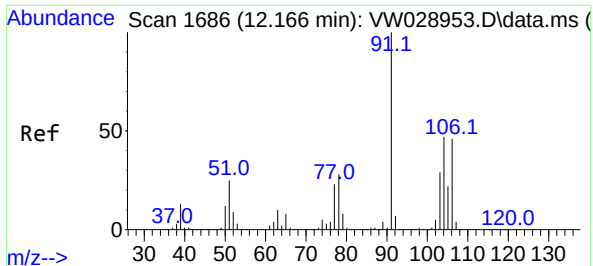
Tgt Ion:106 Resp: 224782

Ion Ratio Lower Upper

106 100

91 209.7 152.0 282.2

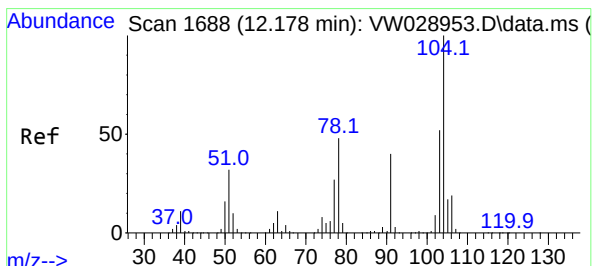
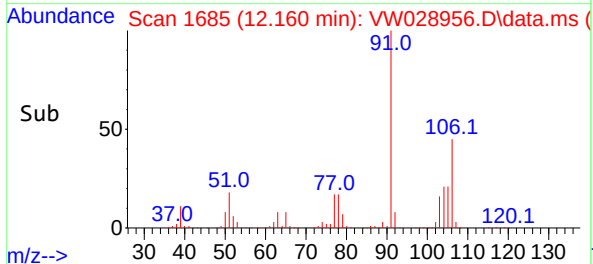
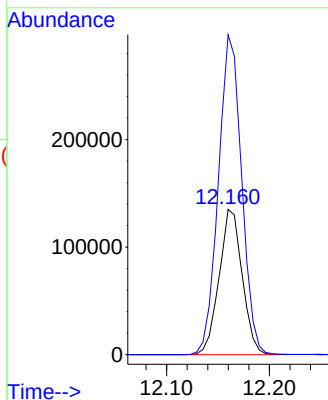
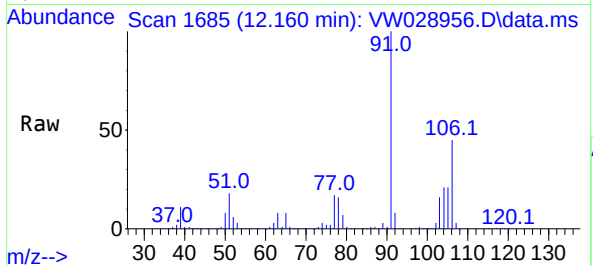




#54
o-Xylene
Concen: 25.428 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

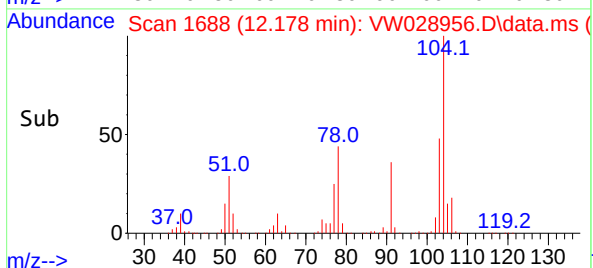
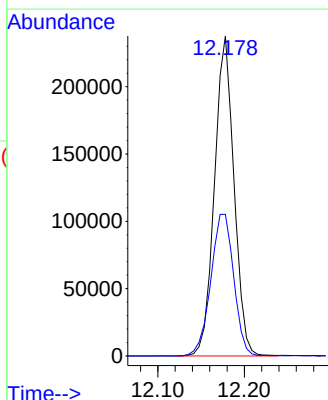
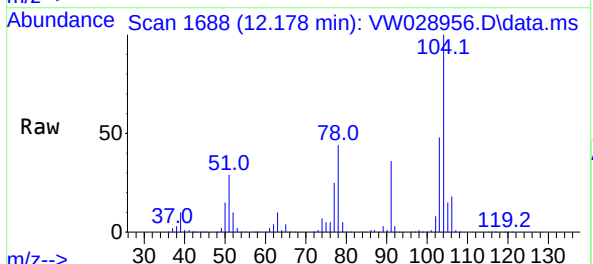
Instrument :
MSVOA_W
ClientSampleId :

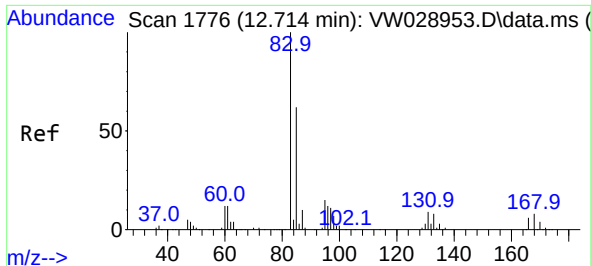
Tgt Ion:106 Resp: 210822
Ion Ratio Lower Upper
106 100
91 220.2 152.5 283.3



#55
Styrene
Concen: 26.029 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

Tgt Ion:104 Resp: 372060
Ion Ratio Lower Upper
104 100
78 44.3 33.3 61.9

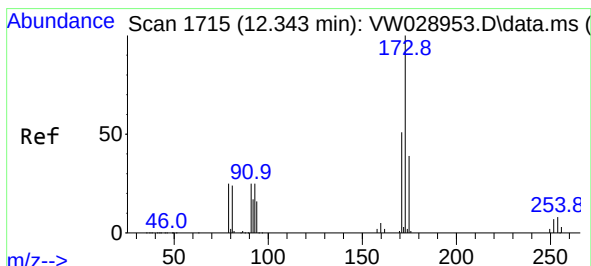
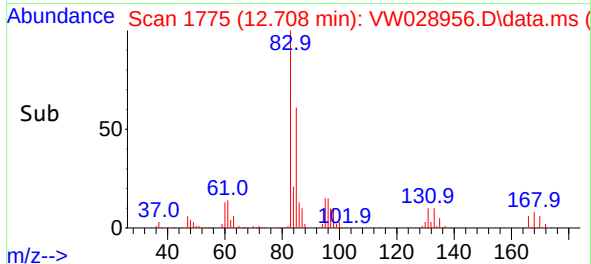
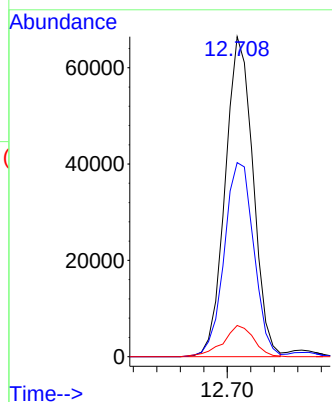
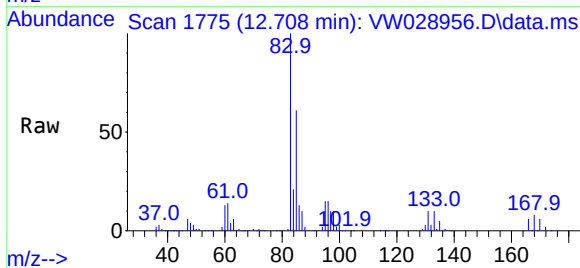




#57
1,1,2,2-Tetrachloroethane
Concen: 26.299 ug/L
RT: 12.708 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

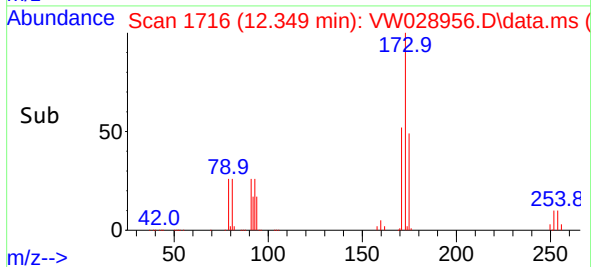
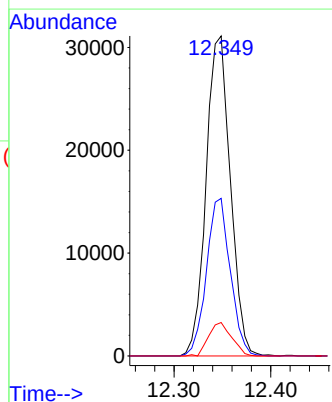
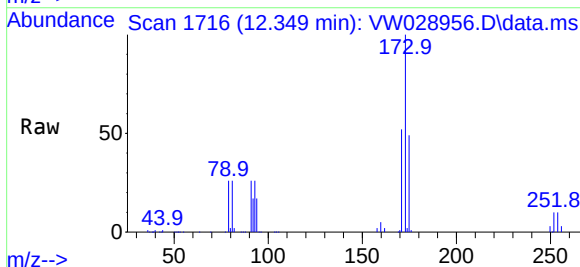
Instrument :
MSVOA_W
ClientSampleId :

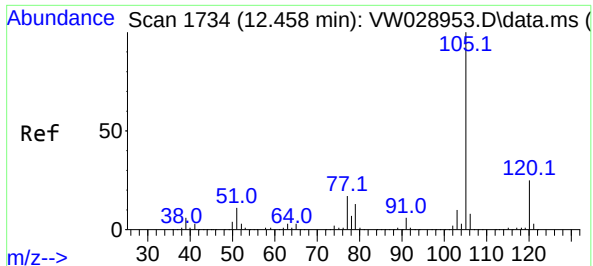
Tgt Ion: 83 Resp: 109355
Ion Ratio Lower Upper
83 100
85 60.6 43.8 81.3
131 9.8 7.3 10.9



#59
Bromoform
Concen: 26.869 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

Tgt Ion:173 Resp: 54341
Ion Ratio Lower Upper
173 100
175 48.4 38.1 57.1
254 9.8 8.2 12.2

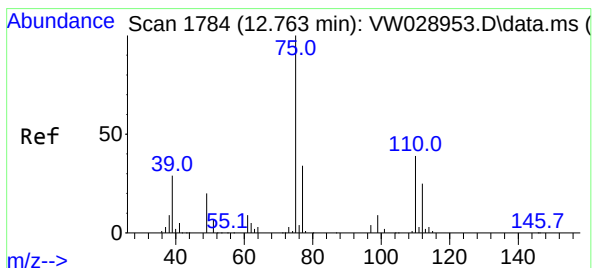
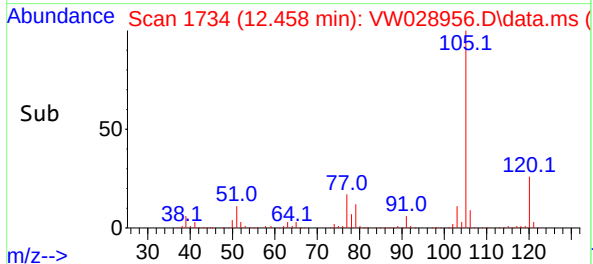
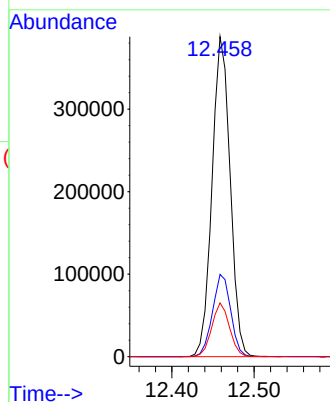
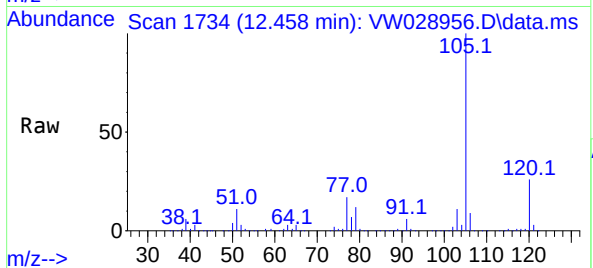




#60
Isopropylbenzene
Concen: 26.631 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

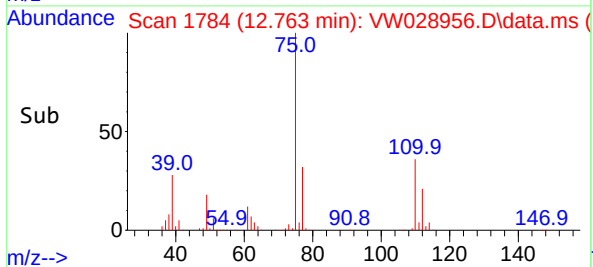
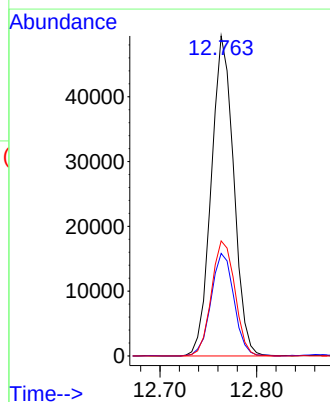
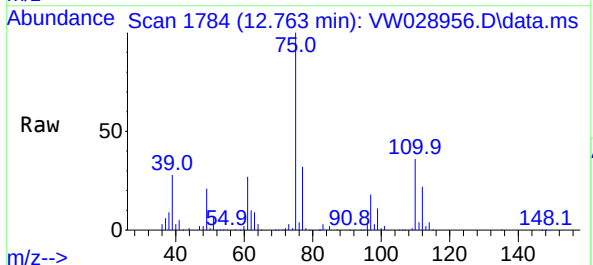
Instrument :
MSVOA_W
ClientSampleId :

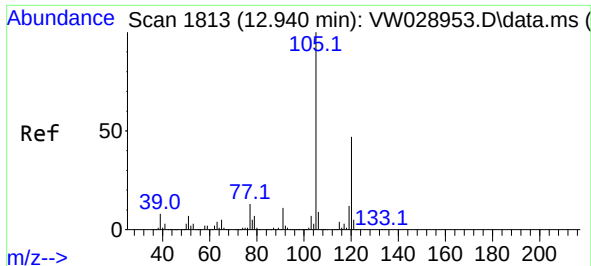
Tgt Ion:105 Resp: 592770
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 16.5 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 26.848 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

Tgt Ion: 75 Resp: 79651
Ion Ratio Lower Upper
75 100
77 32.8 26.3 39.5
110 37.5 29.4 44.0





#62

1,3,5-Trimethylbenzene

Concen: 27.175 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW028956.D

Acq: 03 Jun 2024 11:43

Instrument :

MSVOA_W

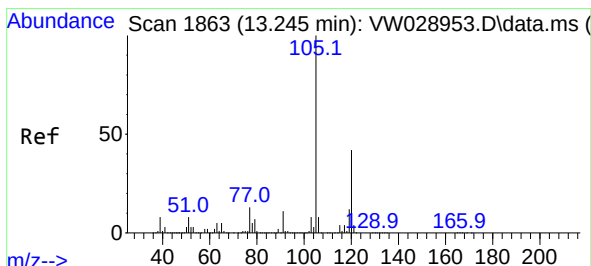
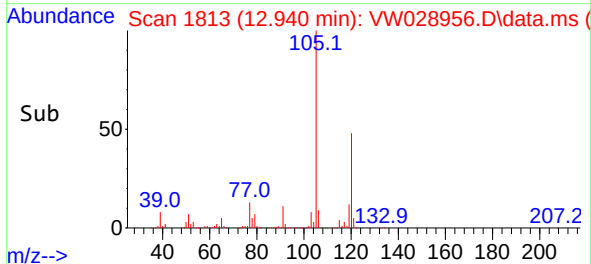
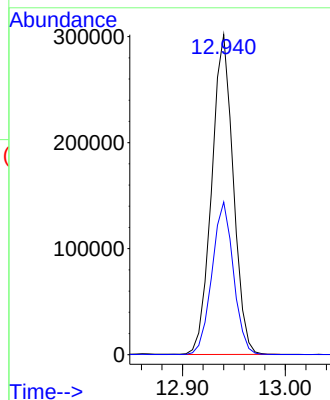
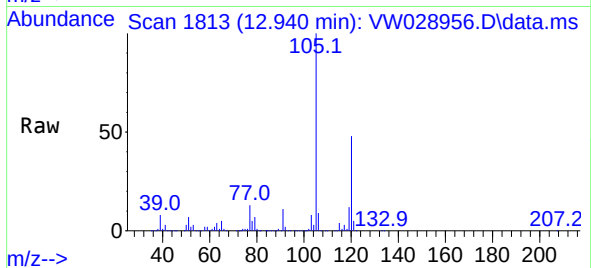
ClientSampleId :

Tgt Ion:105 Resp: 439943

Ion Ratio Lower Upper

105 100

120 47.5 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 28.051 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW028956.D

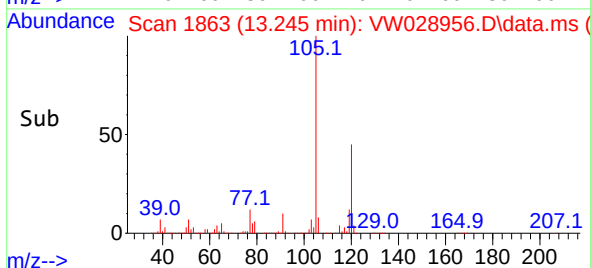
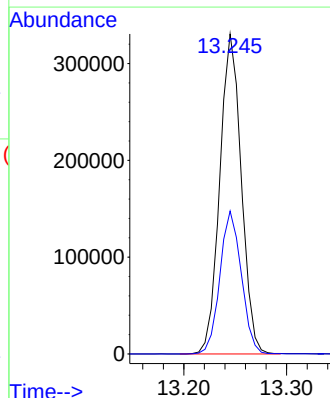
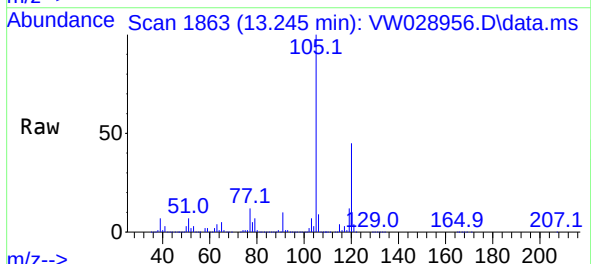
Acq: 03 Jun 2024 11:43

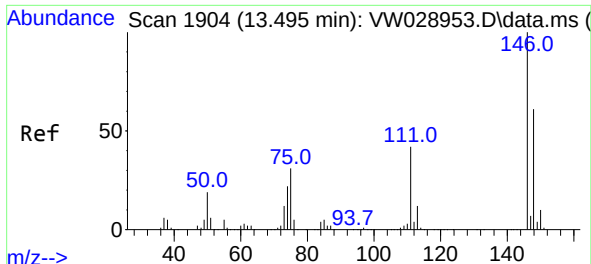
Tgt Ion:105 Resp: 479931

Ion Ratio Lower Upper

105 100

120 44.6 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 24.890 ug/L

RT: 13.489 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VW028956.D

Acq: 03 Jun 2024 11:43

Instrument :

MSVOA_W

ClientSampleId :

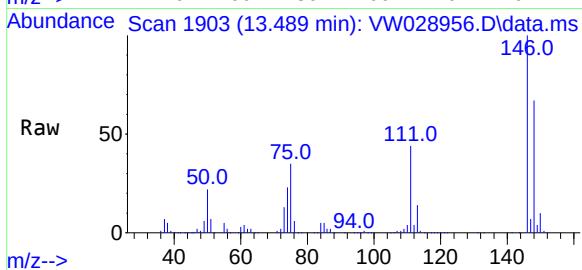
Tgt Ion:146 Resp: 238084

Ion Ratio Lower Upper

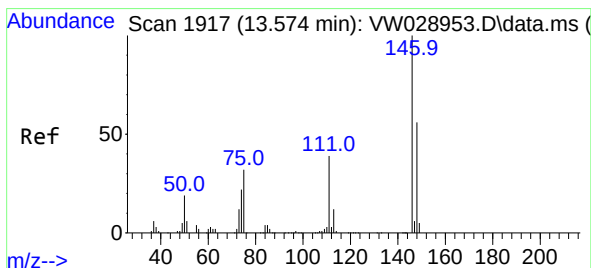
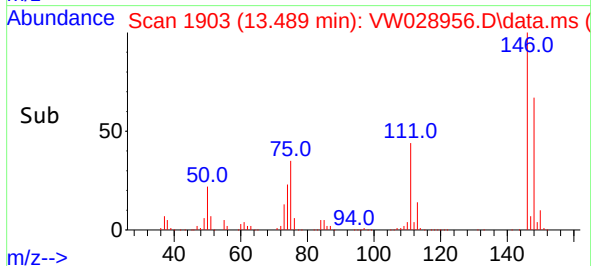
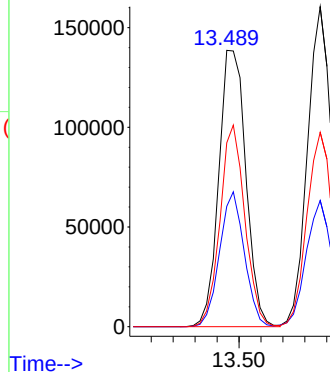
146 100

111 43.6 29.4 54.6

148 66.5 42.5 78.9



Abundance



#65

1,4-Dichlorobenzene

Concen: 24.989 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW028956.D

Acq: 03 Jun 2024 11:43

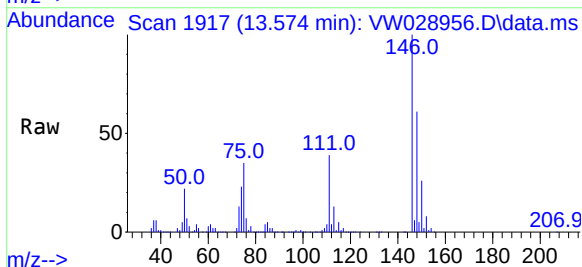
Tgt Ion:146 Resp: 249648

Ion Ratio Lower Upper

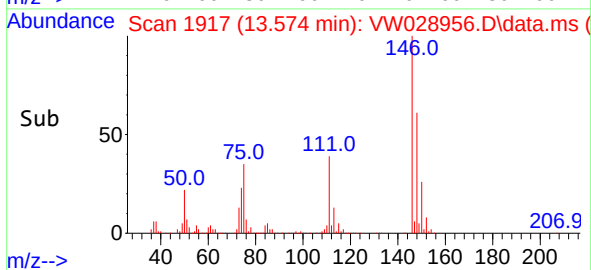
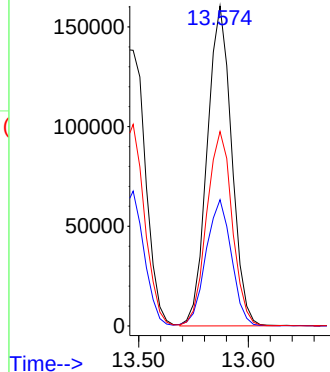
146 100

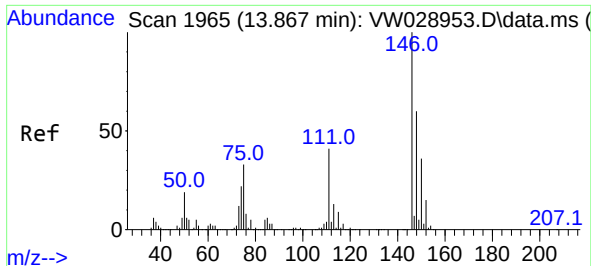
111 39.5 27.5 51.1

148 60.8 39.5 73.3



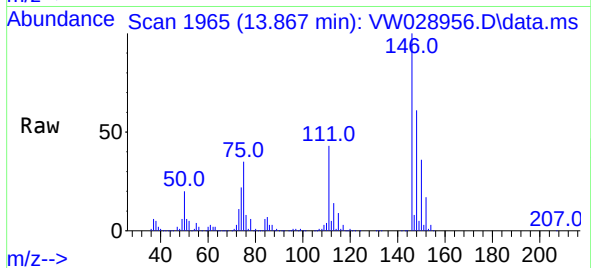
Abundance



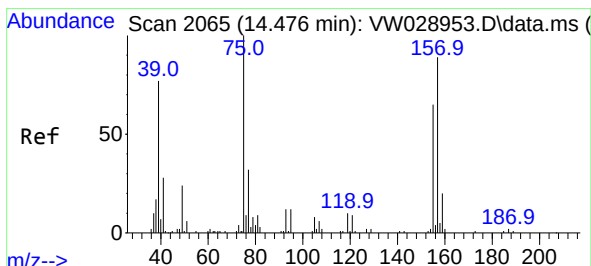
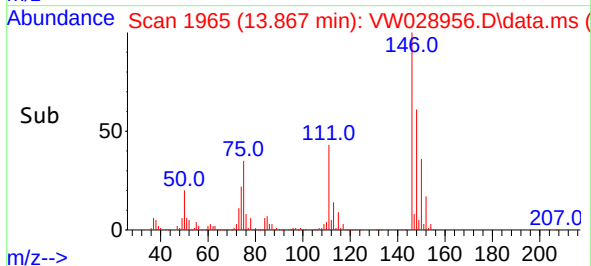
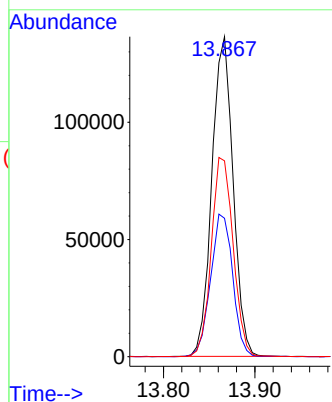


#67
1,2-Dichlorobenzene
Concen: 25.600 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

Instrument :
MSVOA_W
ClientSampleId :

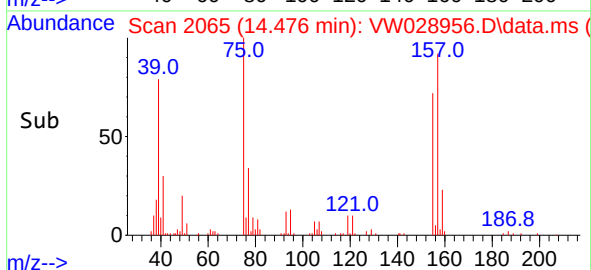
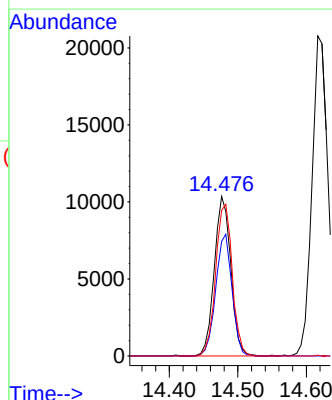
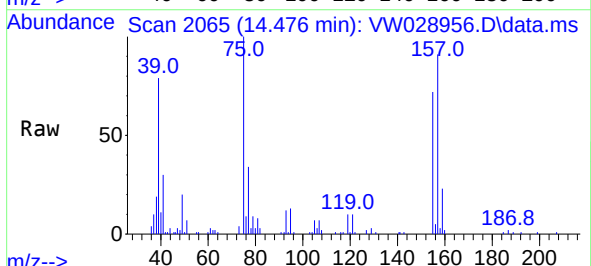


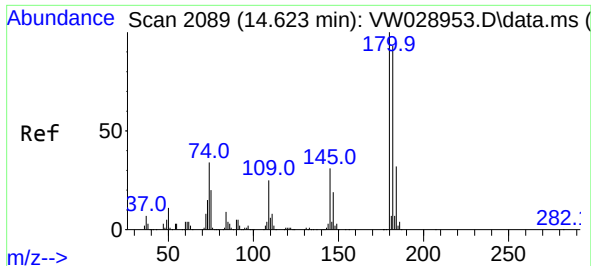
Tgt Ion:146 Resp: 219474
Ion Ratio Lower Upper
146 100
111 43.2 32.8 49.2
148 61.2 48.2 72.4



#68
1,2-Dibromo-3-chloropropane
Concen: 27.363 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

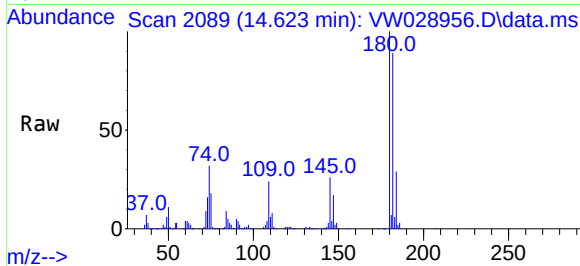
Tgt Ion: 75 Resp: 17303
Ion Ratio Lower Upper
75 100
155 71.9 52.3 78.5
157 91.3 71.0 106.4



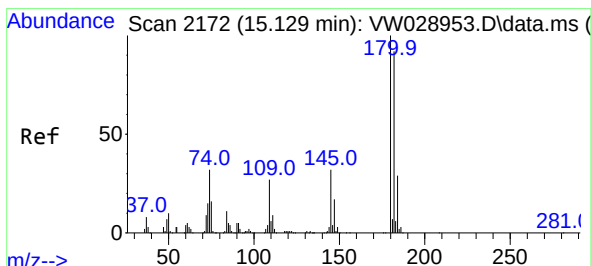
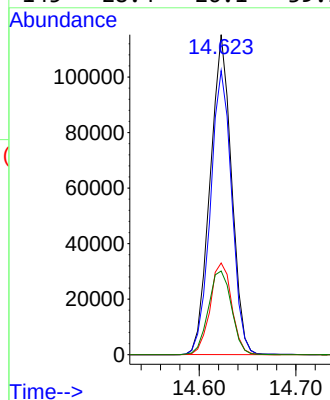
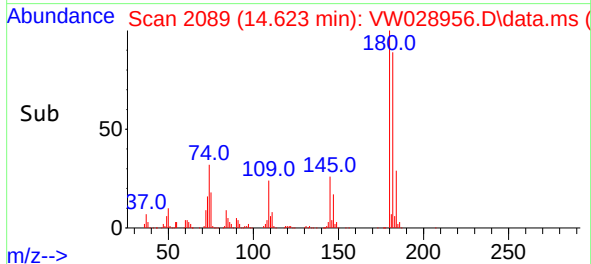


#69
1,3,5-Trichlorobenzene
Concen: 26.930 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

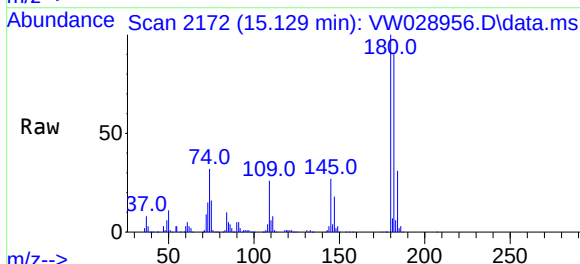
Instrument :
MSVOA_W
ClientSampleId :



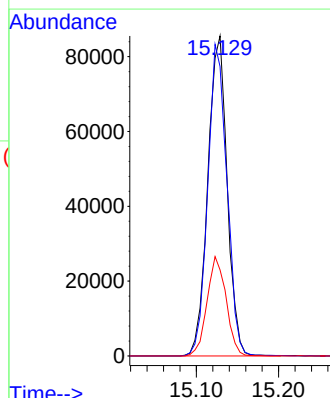
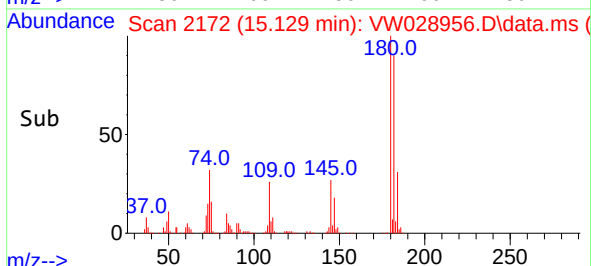
Tgt Ion:180 Resp: 176866
Ion Ratio Lower Upper
180 100
182 88.6 77.4 116.0
184 29.0 24.6 36.8
145 28.4 26.1 39.1

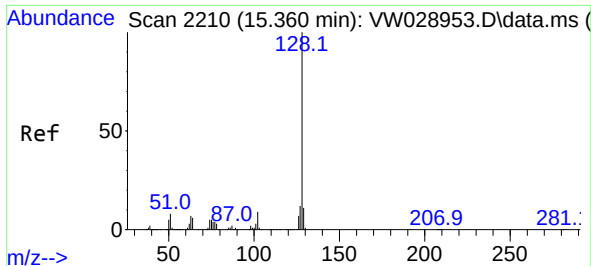


#70
1,2,4-trichlorobenzene
Concen: 26.246 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43



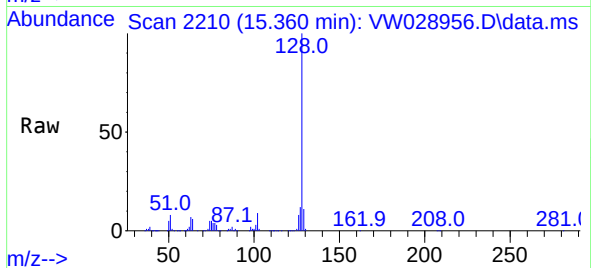
Tgt Ion:180 Resp: 139709
Ion Ratio Lower Upper
180 100
182 96.6 75.3 112.9
145 30.7 26.2 39.2



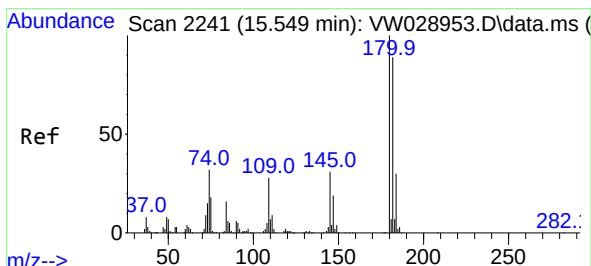
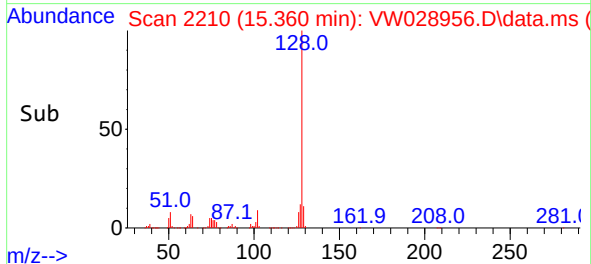
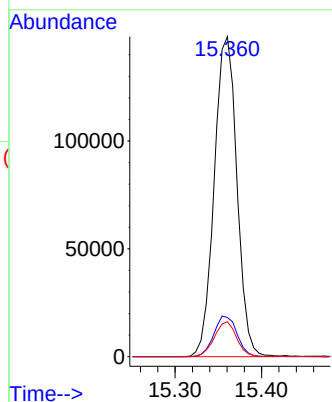


#71
Naphthalene
Concen: 29.755 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 269860
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: 26.492 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW028956.D
Acq: 03 Jun 2024 11:43

Tgt Ion:180 Resp: 120479
Ion Ratio Lower Upper
180 100
182 99.4 75.4 113.0
145 34.6 26.6 39.8

