

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012424\
 Data File : VW027848.D
 Acq On : 24 Jan 2024 09:35
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 25 00:20:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 10 00:40:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	375779	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	330129	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	171835	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	107551	23.450	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.800%
7) Chloroethane-d5	2.905	69	85903	21.364	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.440%
11) 1,1-Dichloroethene-d2	4.027	65	46145	22.366	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.480%
21) 2-Butanone-d5	7.087	46	41838	55.165	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.320%
24) Chloroform-d	7.648	84	226042	24.876	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.520%
26) 1,2-Dichloroethane-d4	8.307	65	100910	24.512	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.040%
32) Benzene-d6	8.276	84	474600	25.330	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.320%
36) 1,2-Dichloropropane-d6	9.276	67	132035	25.471	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.880%
41) Toluene-d8	10.325	98	443485	25.318	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.280%
43) trans-1,3-Dichloroprop...	10.575	79	52486	26.048	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.200%
47) 2-Hexanone-d5	10.922	63	37381	54.938	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.880%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	98224	26.599	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	158506	26.240	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	83670	21.464	ug/L	95
3) Chloromethane	2.222	50	101285	20.909	ug/L	99
5) Vinyl chloride	2.375	62	126709	25.917	ug/L	98
6) Bromomethane	2.796	94	73246	19.241	ug/L	93
8) Chloroethane	2.942	64	72851	22.617	ug/L	100
9) Trichlorofluoromethane	3.271	101	132947	23.698	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	113314	24.817	ug/L	95
12) 1,1-Dichloroethene	4.051	96	106934	23.924	ug/L	89
13) Acetone	4.155	43	42164	43.499	ug/L	99
14) Carbon disulfide	4.393	76	325998	23.727	ug/L	99
15) Methyl Acetate	4.692	43	30484	23.117	ug/L	98
16) Methylene chloride	4.923	84	111139	20.400	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	112754	23.610	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	143585	24.608	ug/L	100
19) 1,1-Dichloroethane	6.222	63	191639	23.653	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	121127	23.319	ug/L	97
22) 2-Butanone	7.185	43	48144	51.205	ug/L	99
23) Bromochloromethane	7.514	128	52297	23.205	ug/L	93
25) Chloroform	7.679	83	196823	23.498	ug/L	95

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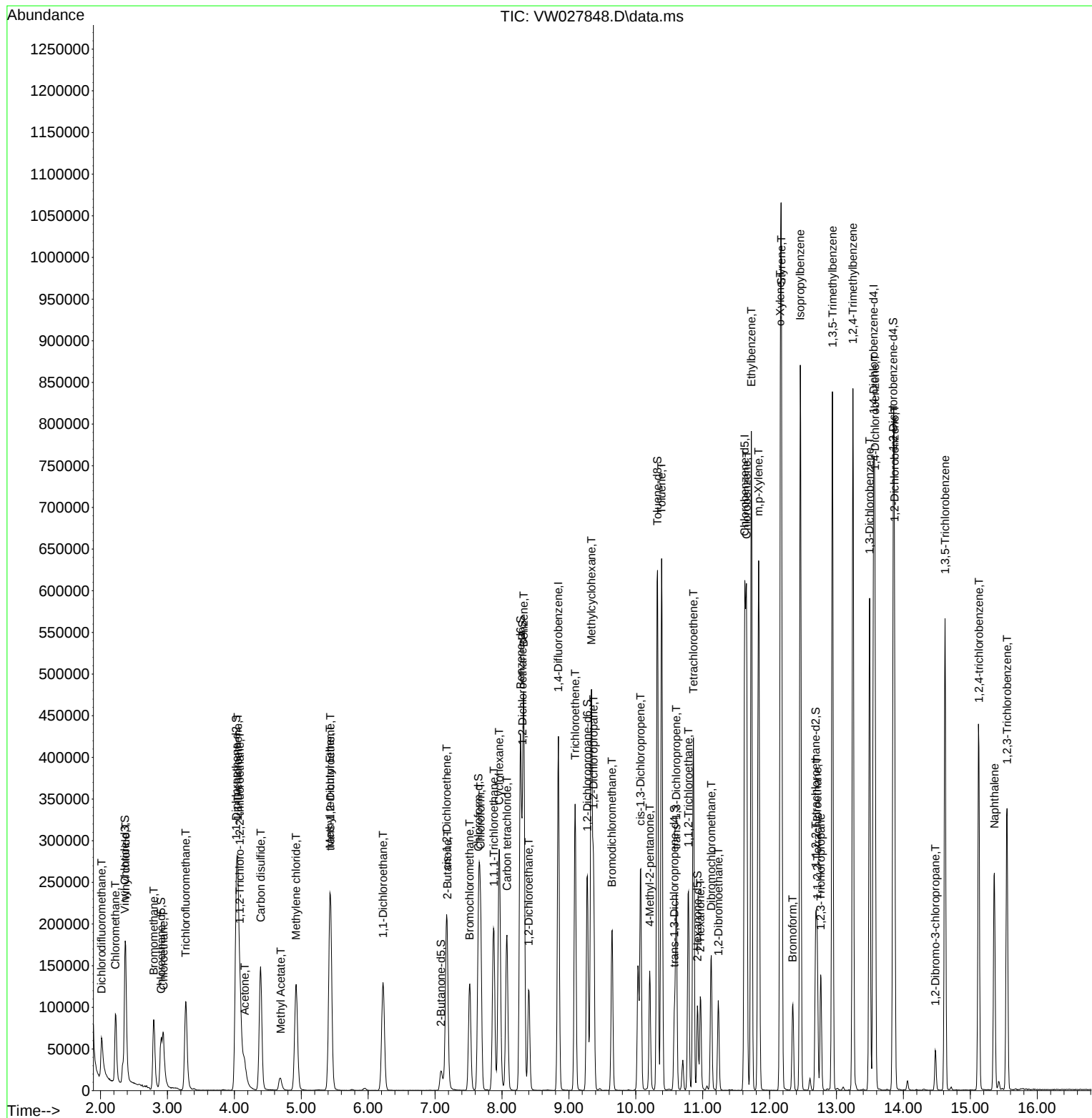
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	111316	23.513	ug/L	97
29) Cyclohexane	7.959	56	171713	25.563	ug/L	99
30) 1,1,1-Trichloroethane	7.880	97	168570	25.459	ug/L	99
31) Carbon tetrachloride	8.075	117	147197	25.627	ug/L	96
33) Benzene	8.325	78	447080	24.534	ug/L	100
34) Trichloroethene	9.093	95	120753	24.244	ug/L	95
35) Methylcyclohexane	9.337	83	213574	25.477	ug/L	99
37) 1,2-Dichloropropane	9.368	63	106600	24.283	ug/L	100
38) Bromodichloromethane	9.642	83	137801	25.104	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	171449	25.345	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	86159	50.315	ug/L	98
42) Toluene	10.386	91	496061	25.013	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	134123	25.686	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	80381	24.440	ug/L	97
46) Tetrachloroethene	10.861	164	103580	25.504	ug/L	97
48) 2-Hexanone	10.965	43	67708	54.608	ug/L	99
49) Dibromochloromethane	11.129	129	88466	24.617	ug/L	88
50) 1,2-Dibromoethane	11.233	107	74832	24.687	ug/L	98
51) Chlorobenzene	11.654	112	321682	24.565	ug/L	98
52) Ethylbenzene	11.727	91	555525	24.851	ug/L	98
53) m,p-Xylene	11.837	106	222580	25.582	ug/L	93
54) o-Xylene	12.160	106	207445	25.452	ug/L	97
55) Styrene	12.178	104	351452	25.525	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	87896	24.789	ug/L	98
59) Bromoform	12.343	173	51203	24.268	ug/L #	92
60) Isopropylbenzene	12.458	105	583976	24.995	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	61212	23.526	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	466575	24.857	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	464903	24.963	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	255377	23.827	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	253980	24.243	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	227679	24.923	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.476	75	12060	23.751	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	186022	25.208	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	149001	24.591	ug/L	94
71) Naphthalene	15.360	128	242788	24.393	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	118070	23.171	ug/L	96

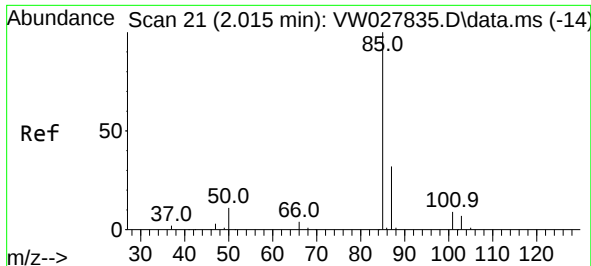
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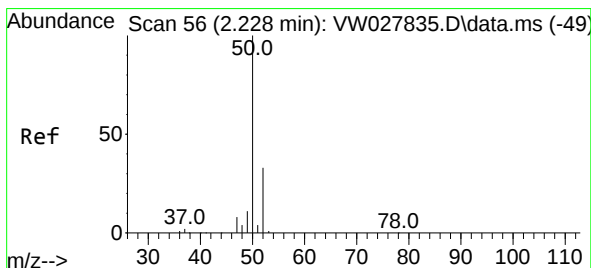
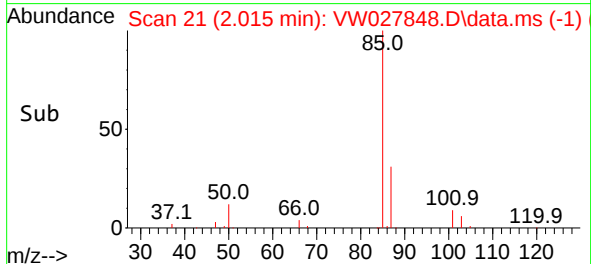
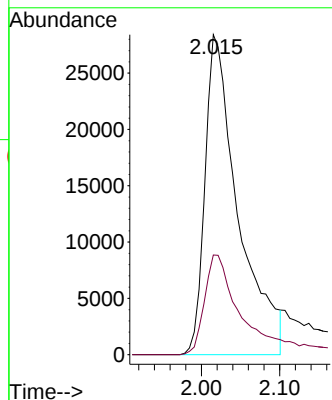
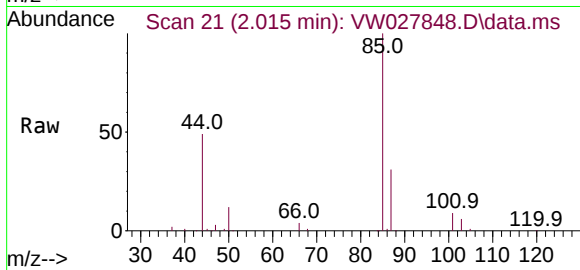




#2
Dichlorodifluoromethane
Concen: 21.464 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW027848.D
Acq: 24 Jan 2024 09:35

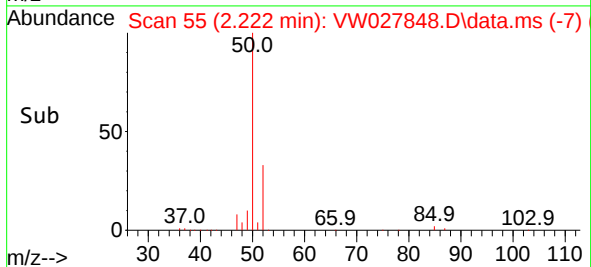
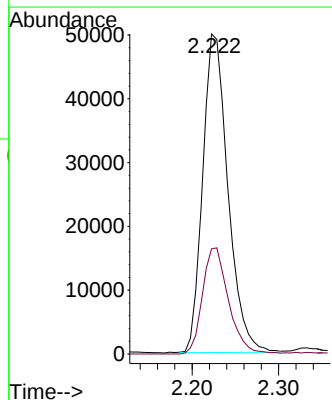
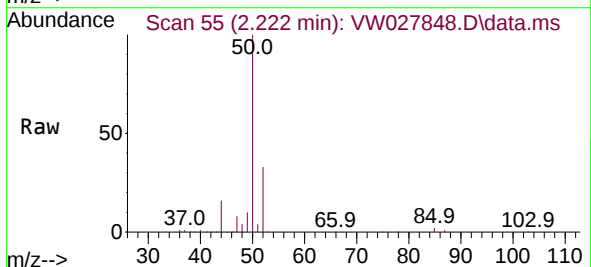
Instrument :
MSVOA_W
ClientSampleId :

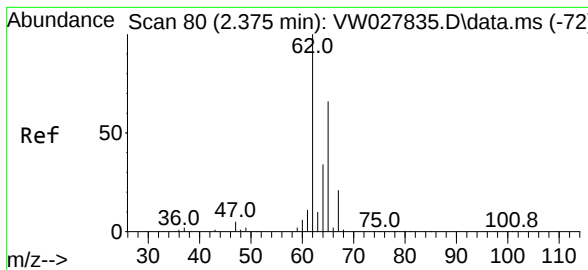
Tgt Ion: 85 Resp: 83670
Ion Ratio Lower Upper
85 100
87 34.1 25.0 37.4



#3
Chloromethane
Concen: 20.909 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW027848.D
Acq: 24 Jan 2024 09:35

Tgt Ion: 50 Resp: 101285
Ion Ratio Lower Upper
50 100
52 32.8 22.5 41.7





#5

Vinyl chloride

Concen: 25.917 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW027848.D

Acq: 24 Jan 2024 09:35

Instrument :

MSVOA_W

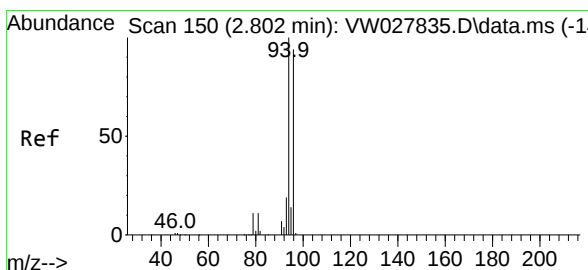
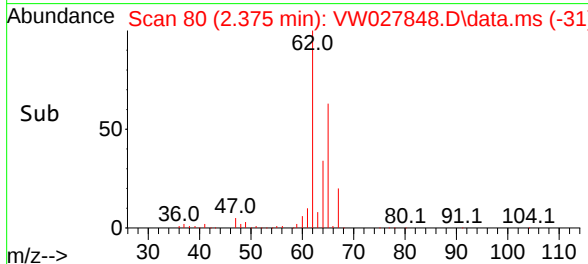
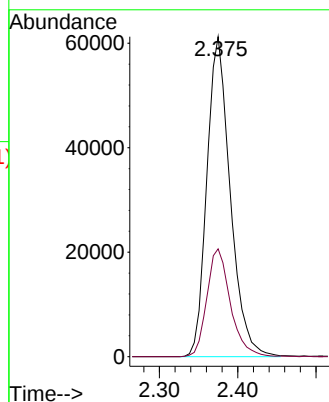
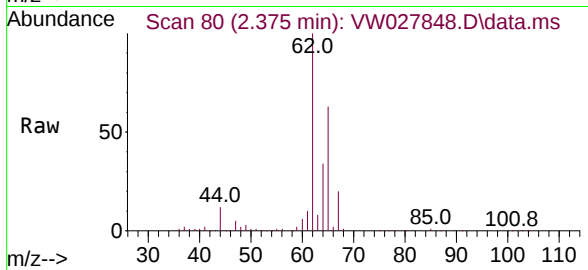
ClientSampleId :

Tgt Ion: 62 Resp: 126709

Ion Ratio Lower Upper

62 100

64 33.7 23.0 42.6



#6

Bromomethane

Concen: 19.241 ug/L

RT: 2.796 min Scan# 149

Delta R.T. -0.006 min

Lab File: VW027848.D

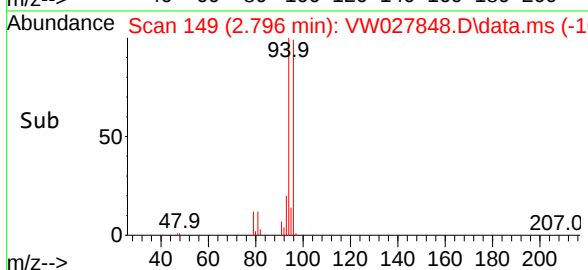
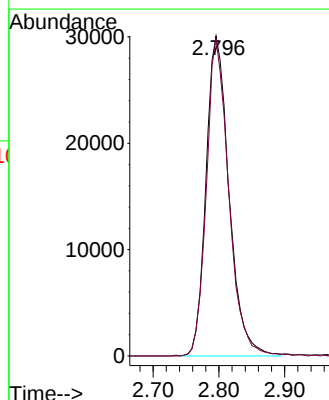
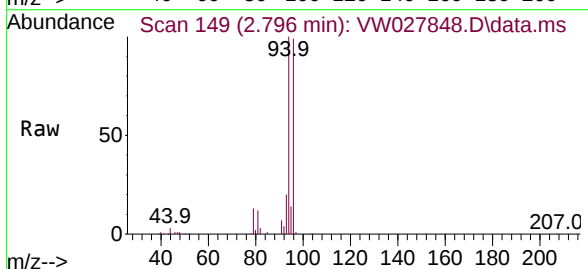
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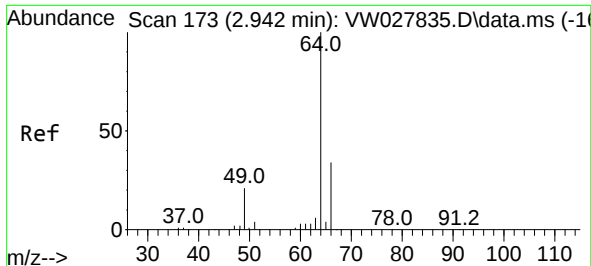
Tgt Ion: 94 Resp: 73246

Ion Ratio Lower Upper

94 100

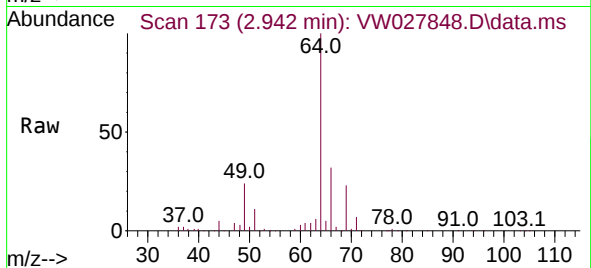
96 99.0 64.3 119.5



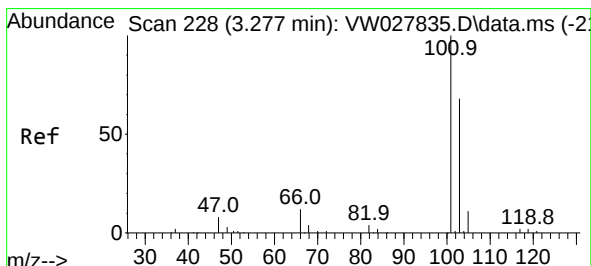
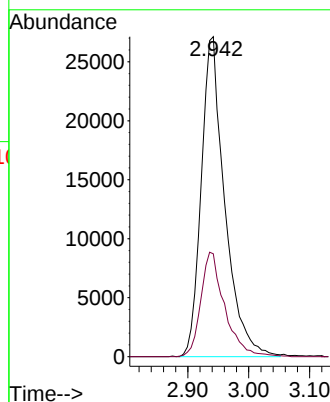
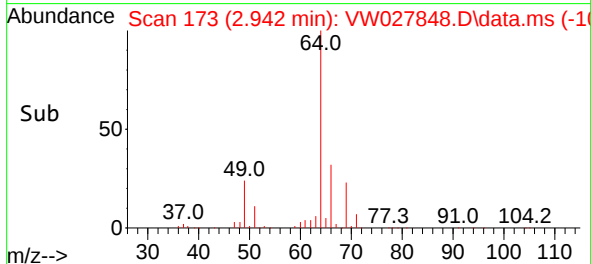


#8
Chloroethane
Concen: 22.617 ug/L
RT: 2.942 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027848.D
Acq: 24 Jan 2024 09:35

Instrument :
MSVOA_W
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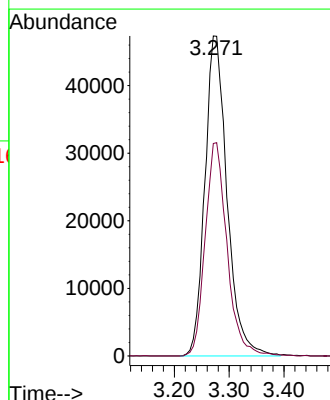
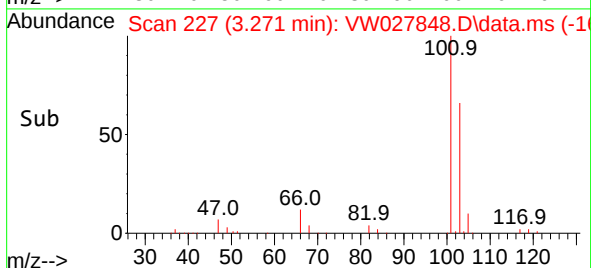
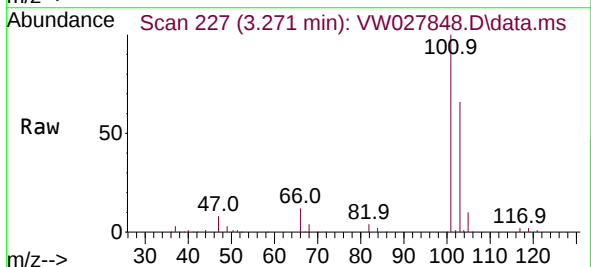


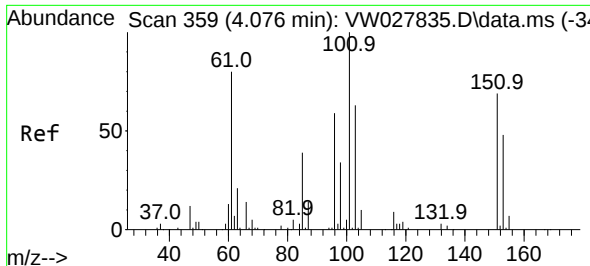
Tgt Ion: 64 Resp: 72851
Ion Ratio Lower Upper
64 100
66 32.2 22.6 42.0



#9
Trichlorofluoromethane
Concen: 23.698 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.006 min
Lab File: VW027848.D
Acq: 24 Jan 2024 09:35

Tgt Ion:101 Resp: 132947
Ion Ratio Lower Upper
101 100
103 65.7 51.5 77.3

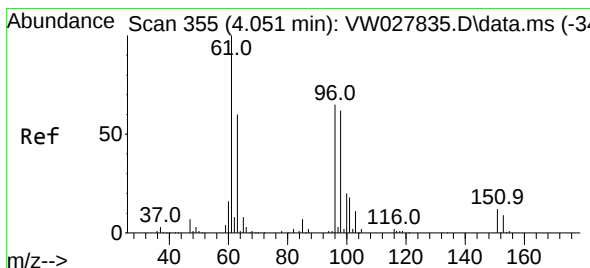
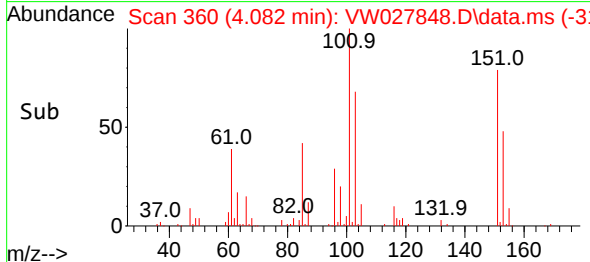
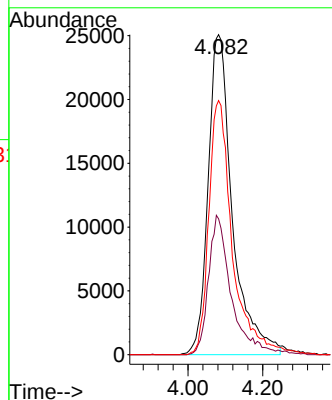
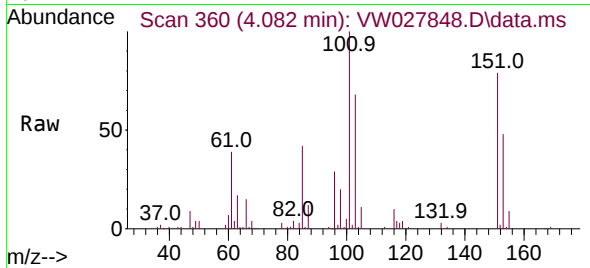




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.817 ug/L
 RT: 4.082 min Scan# 3
 Delta R.T. 0.006 min
 Lab File: VW027848.D
 Acq: 24 Jan 2024 09:35

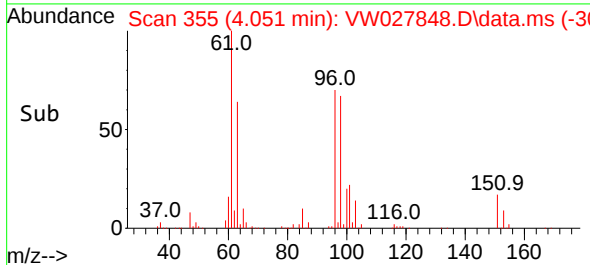
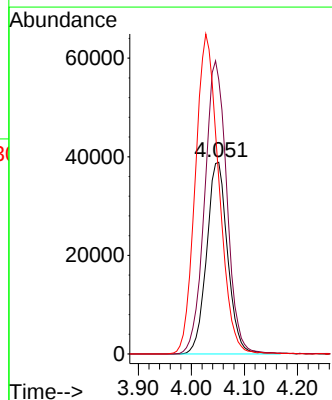
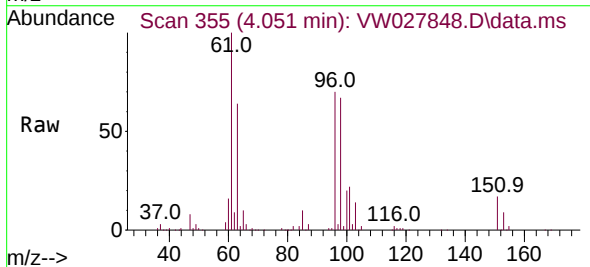
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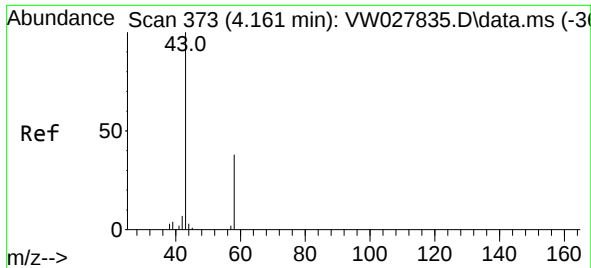
Tgt Ion:101 Resp: 113314
 Ion Ratio Lower Upper
 101 100
 85 38.0 32.6 48.8
 151 71.8 60.6 91.0



#12
 1,1-Dichloroethene
 Concen: 23.924 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW027848.D
 Acq: 24 Jan 2024 09:35

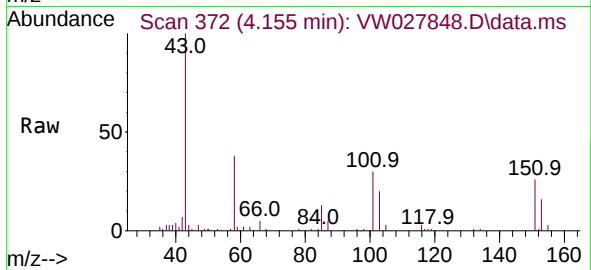
Tgt Ion: 96 Resp: 106934
 Ion Ratio Lower Upper
 96 100
 61 143.0 105.7 196.3
 63 91.4 76.0 141.2



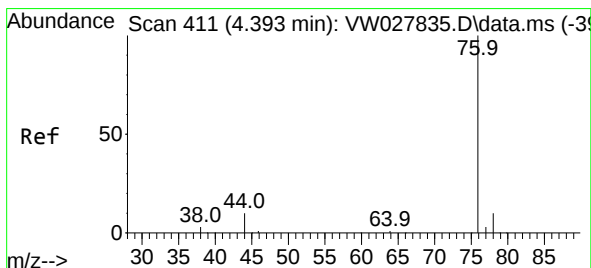
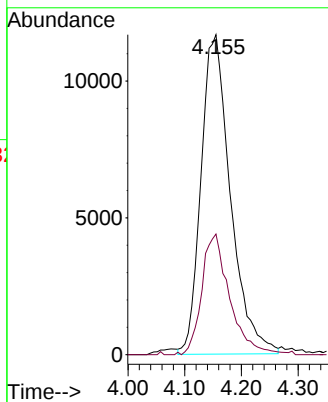
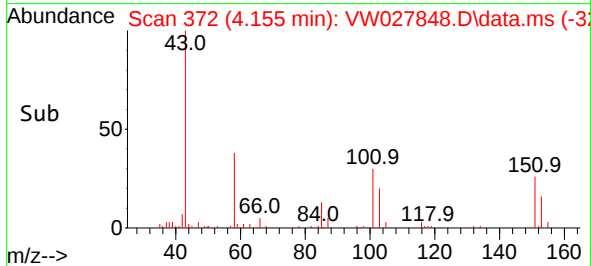


#13
Acetone
Concen: 43.499 ug/L
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
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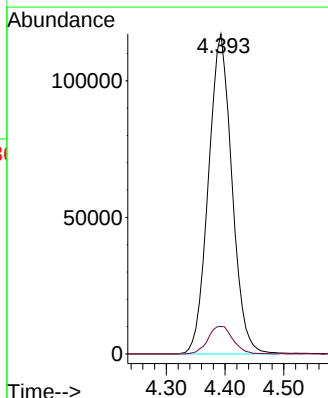
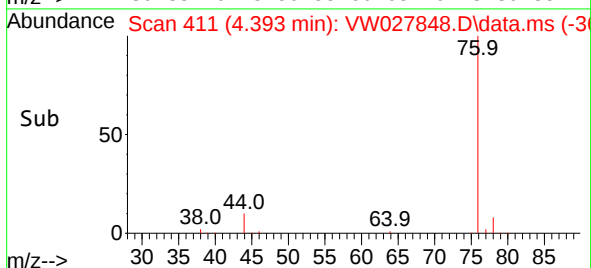
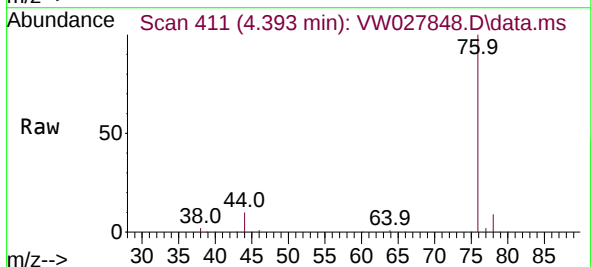


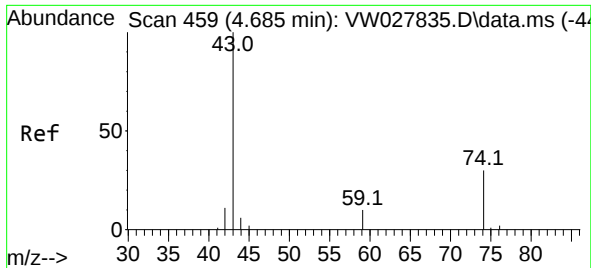
Tgt Ion: 43 Resp: 42164
Ion Ratio Lower Upper
43 100
58 35.7 0.0 70.2



#14
Carbon disulfide
Concen: 23.727 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW027848.D
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Tgt Ion: 76 Resp: 325998
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6

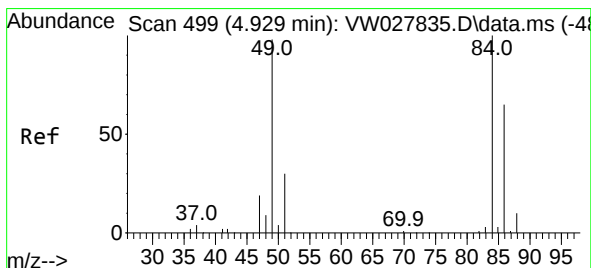
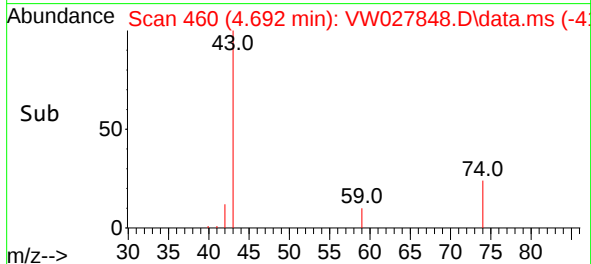
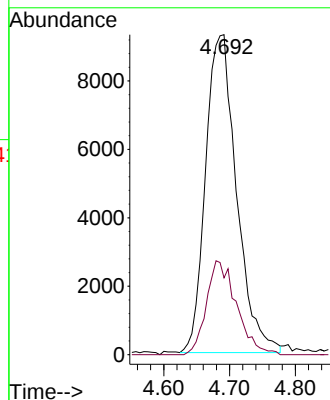
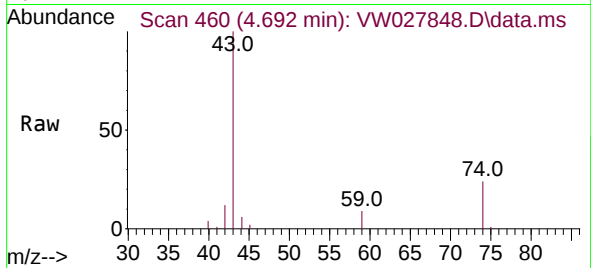




#15
Methyl Acetate
Concen: 23.117 ug/L
RT: 4.692 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW027848.D
Acq: 24 Jan 2024 09:35

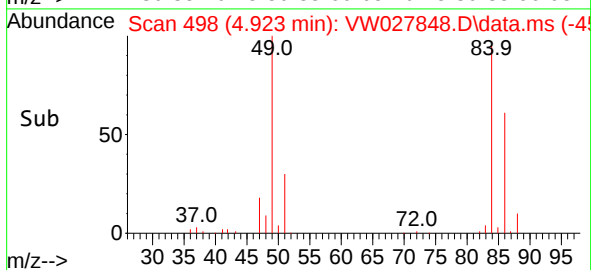
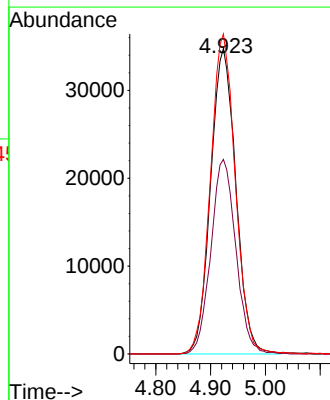
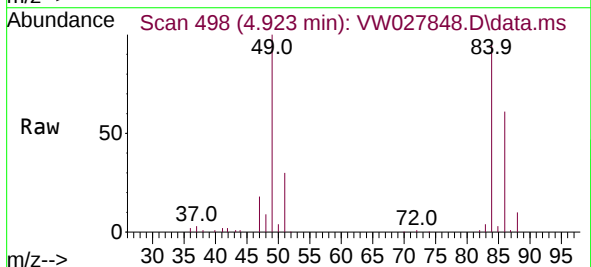
Instrument :
MSVOA_W
ClientSampleId :

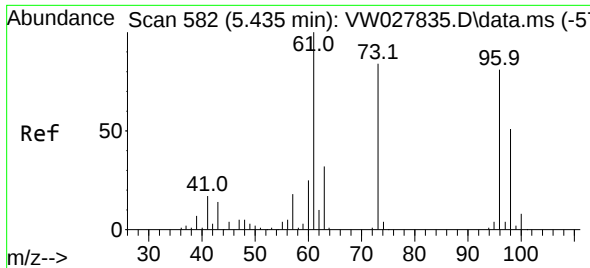
Tgt Ion: 43 Resp: 30484
Ion Ratio Lower Upper
43 100
74 28.7 21.9 32.9



#16
Methylene chloride
Concen: 20.400 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.006 min
Lab File: VW027848.D
Acq: 24 Jan 2024 09:35

Tgt Ion: 84 Resp: 111139
Ion Ratio Lower Upper
84 100
86 63.7 43.5 80.9
49 104.7 70.3 130.5



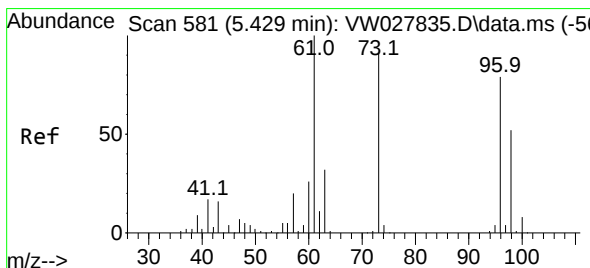
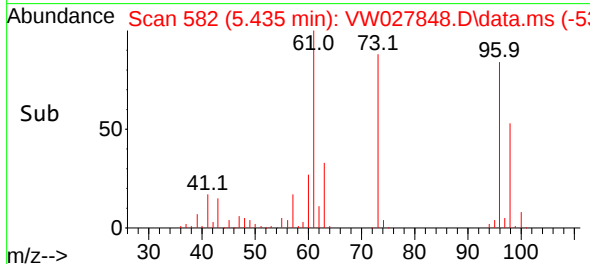
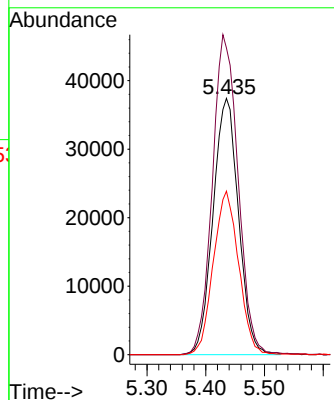
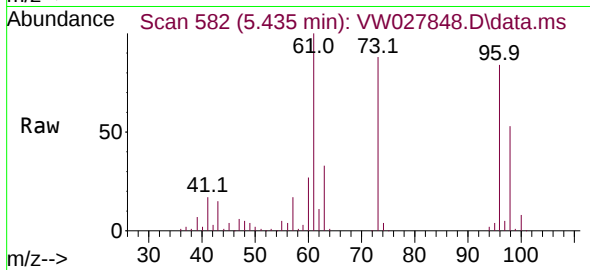


#17
 trans-1,2-Dichloroethene
 Concen: 23.610 ug/L
 RT: 5.435 min Scan# 582
 Delta R.T. 0.000 min
 Lab File: VW027848.D
 Acq: 24 Jan 2024 09:35

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 96 Resp: 112754

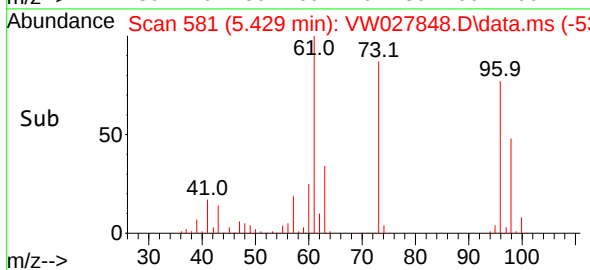
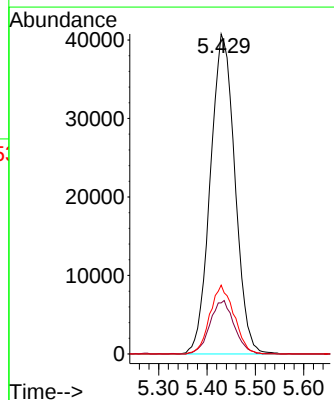
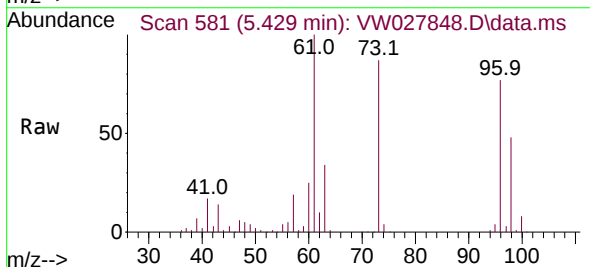
Ion	Ratio	Lower	Upper
96	100		
61	119.7	85.0	157.8
98	63.8	46.3	86.1

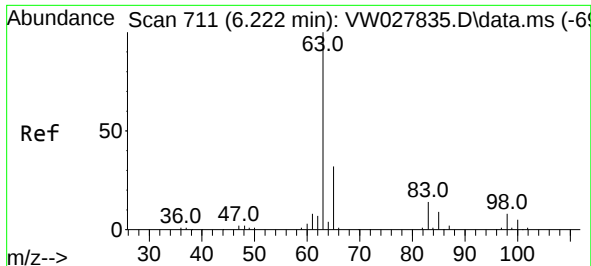


#18
 Methyl tert-butyl Ether
 Concen: 24.608 ug/L
 RT: 5.429 min Scan# 581
 Delta R.T. 0.000 min
 Lab File: VW027848.D
 Acq: 24 Jan 2024 09:35

Tgt Ion: 73 Resp: 143585

Ion	Ratio	Lower	Upper
73	100		
43	16.5	13.5	20.3
57	21.1	16.9	25.3





#19

1,1-Dichloroethane

Concen: 23.653 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW027848.D

Acq: 24 Jan 2024 09:35

Instrument :

MSVOA_W

ClientSampleId :

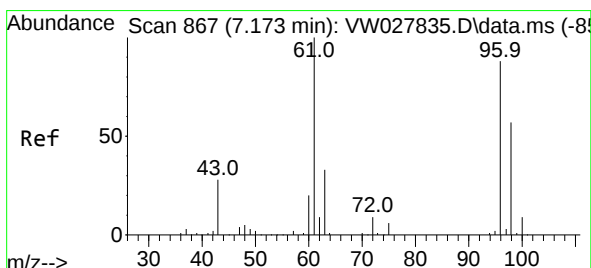
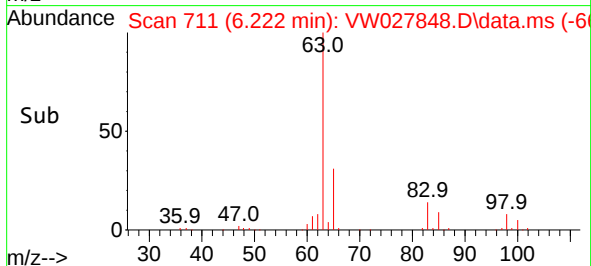
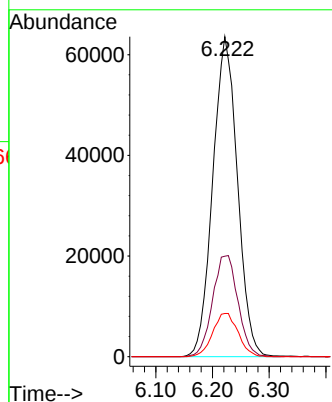
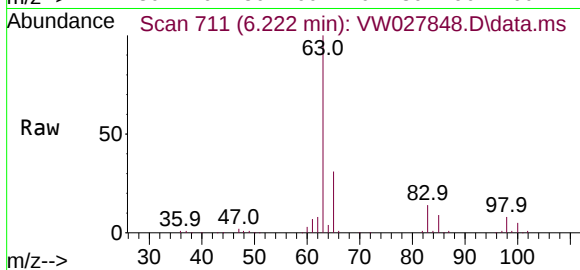
Tgt Ion: 63 Resp: 191639

Ion Ratio Lower Upper

63 100

65 31.4 21.5 39.9

83 13.5 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 23.319 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027848.D

Acq: 24 Jan 2024 09:35

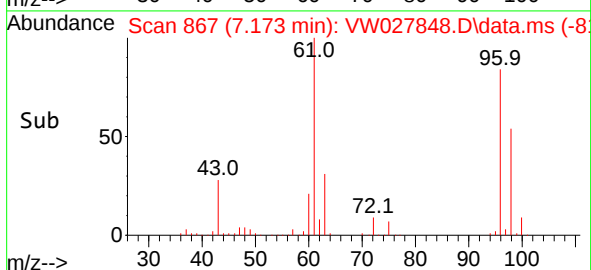
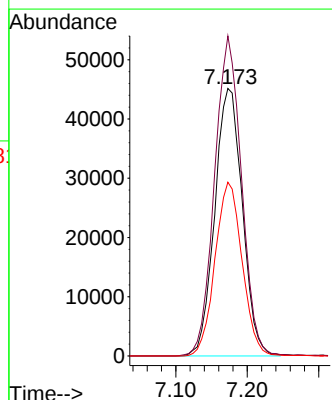
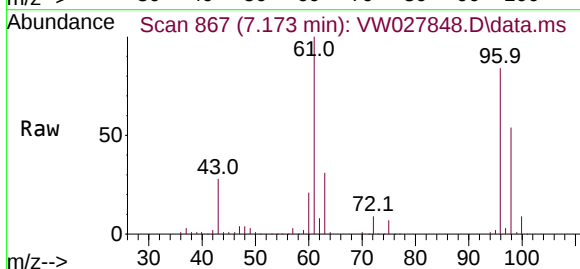
Tgt Ion: 96 Resp: 121127

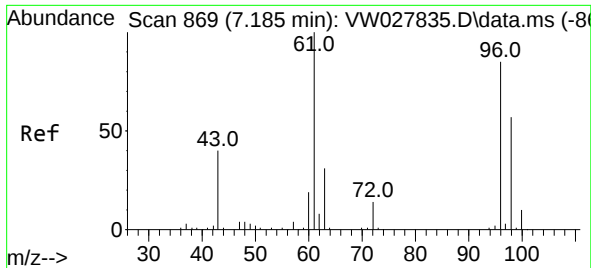
Ion Ratio Lower Upper

96 100

61 119.6 81.1 150.7

98 65.0 46.5 86.5

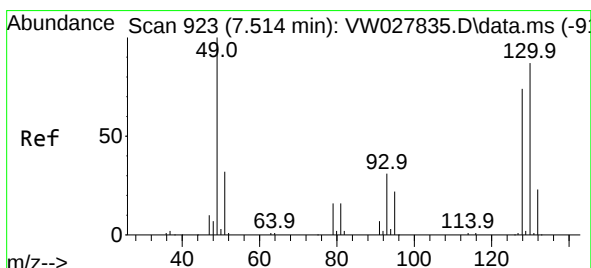
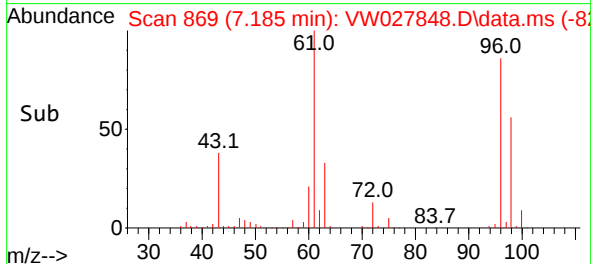
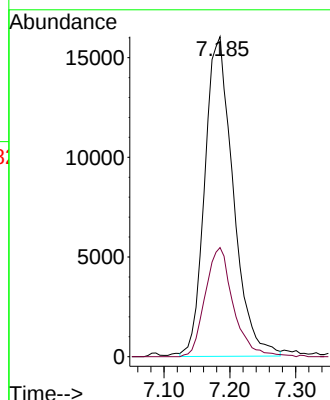
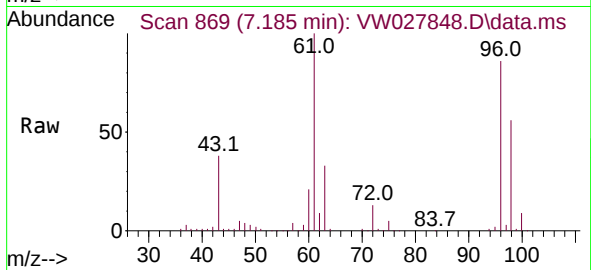




#22
2-Butanone
Concen: 51.205 ug/L
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW027848.D
Acq: 24 Jan 2024 09:35

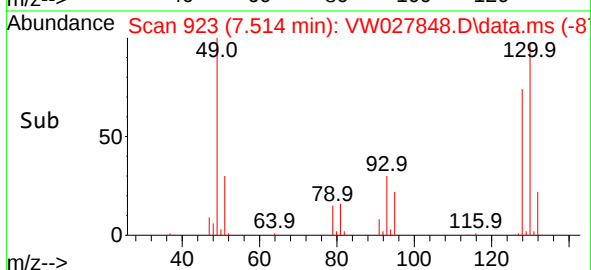
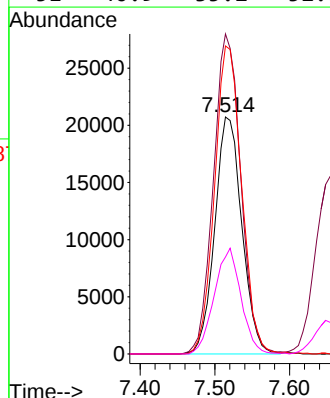
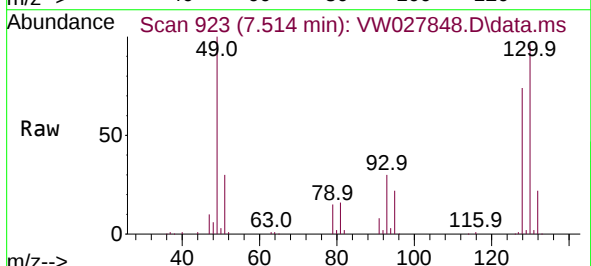
Instrument :
MSVOA_W
ClientSampleId :

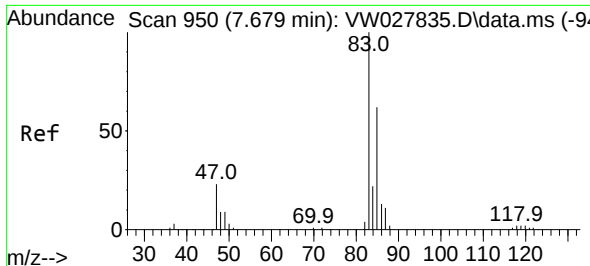
Tgt Ion: 43 Resp: 48144
Ion Ratio Lower Upper
43 100
72 33.8 16.7 50.1



#23
Bromochloromethane
Concen: 23.205 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW027848.D
Acq: 24 Jan 2024 09:35

Tgt Ion: 128 Resp: 52297
Ion Ratio Lower Upper
128 100
49 135.0 89.9 166.9
130 130.0 83.3 154.7
51 40.9 35.2 52.8

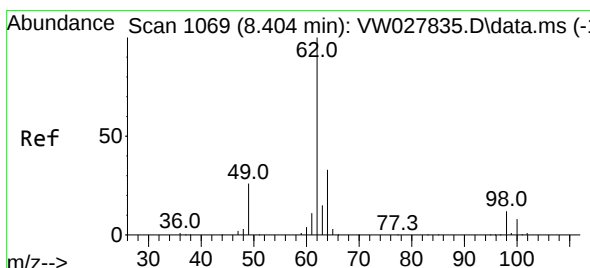
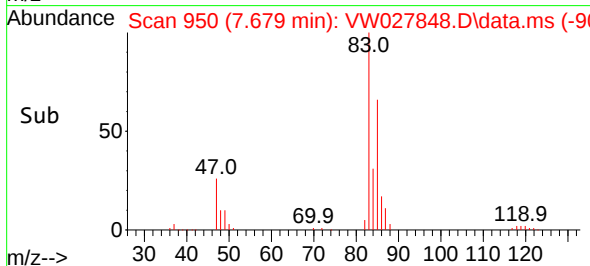
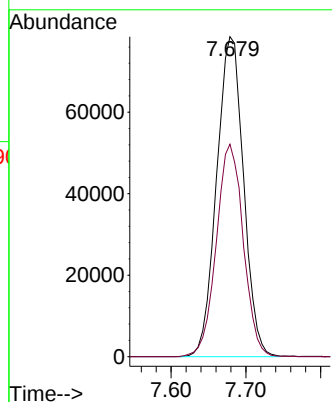
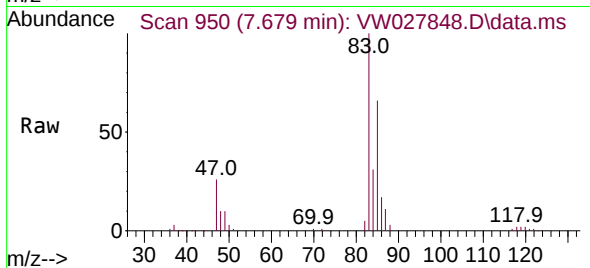




#25
Chloroform
Concen: 23.498 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027848.D
Acq: 24 Jan 2024 09:35

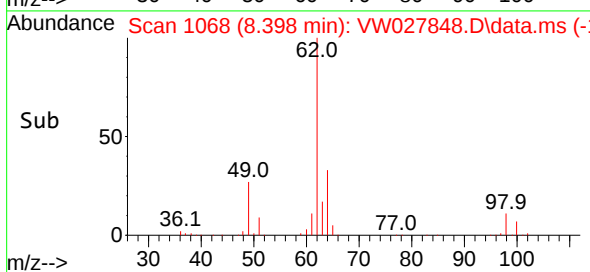
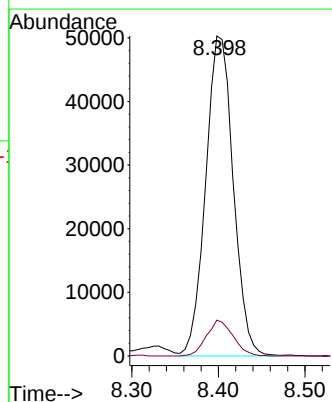
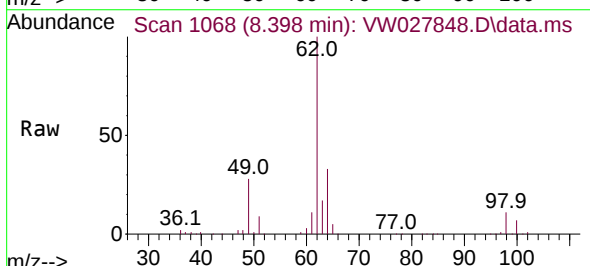
Instrument :
MSVOA_W
ClientSampleId :

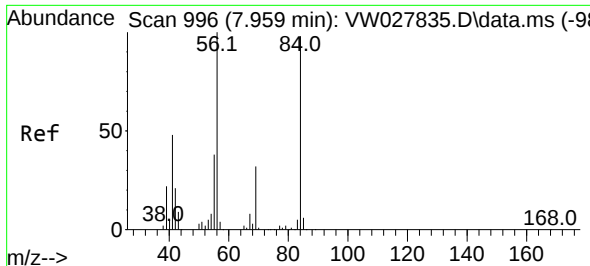
Tgt Ion: 83 Resp: 196823
Ion Ratio Lower Upper
83 100
85 66.4 43.7 81.1



#27
1,2-Dichloroethane
Concen: 23.513 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VW027848.D
Acq: 24 Jan 2024 09:35

Tgt Ion: 62 Resp: 111316
Ion Ratio Lower Upper
62 100
98 11.2 8.1 12.1





#29

Cyclohexane

Concen: 25.563 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

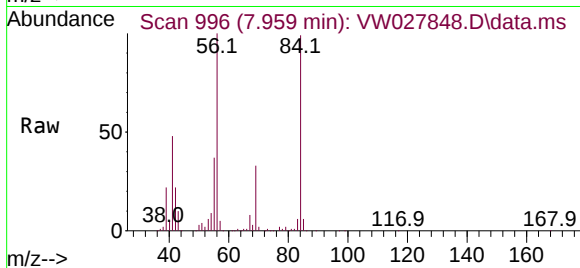
Lab File: VW027848.D

Acq: 24 Jan 2024 09:35

Instrument :

MSVOA_W

ClientSampleId :



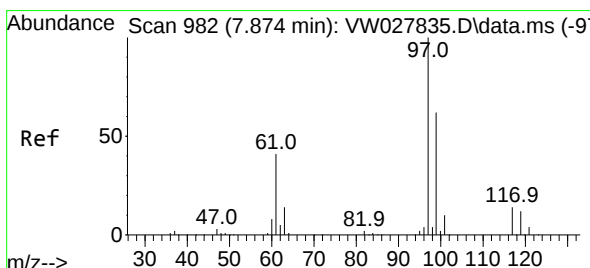
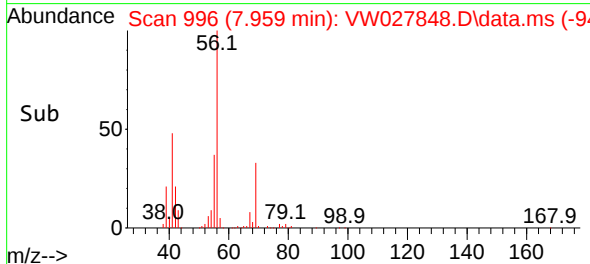
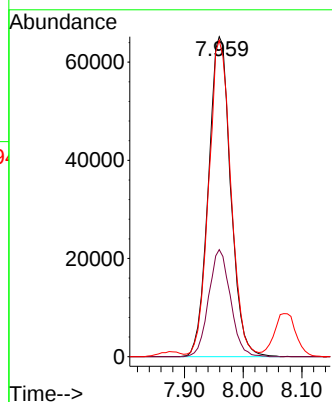
Tgt Ion: 56 Resp: 171713

Ion Ratio Lower Upper

56 100

69 32.7 25.8 38.6

84 98.2 79.0 118.4



#30

1,1,1-Trichloroethane

Concen: 25.459 ug/L

RT: 7.880 min Scan# 983

Delta R.T. 0.006 min

Lab File: VW027848.D

Acq: 24 Jan 2024 09:35

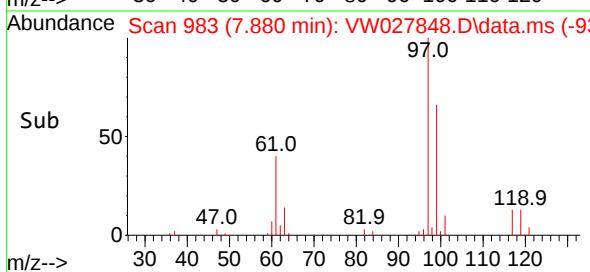
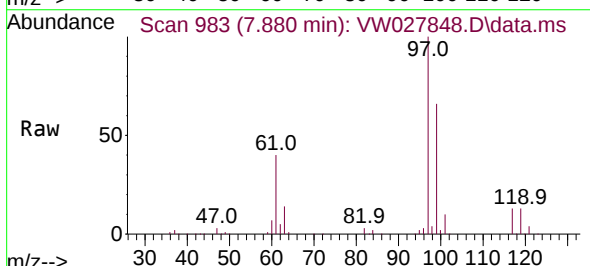
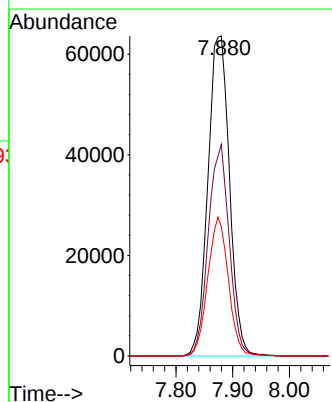
Tgt Ion: 97 Resp: 168570

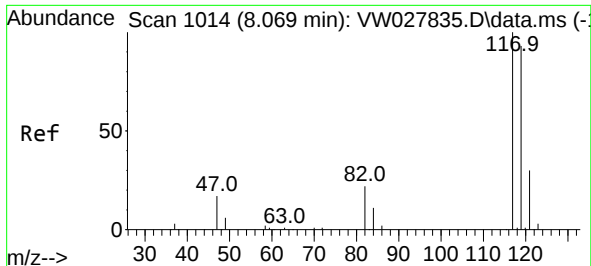
Ion Ratio Lower Upper

97 100

99 63.9 50.6 75.8

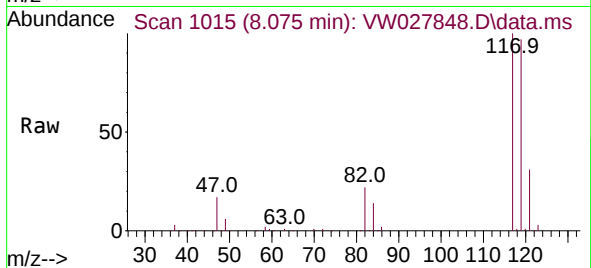
61 41.2 33.6 50.4



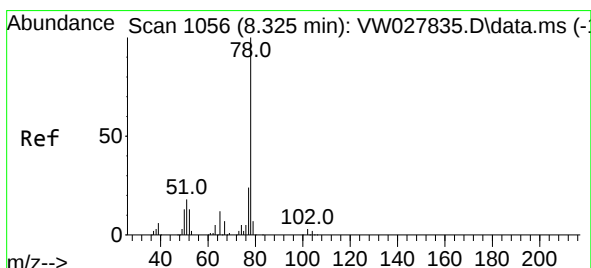
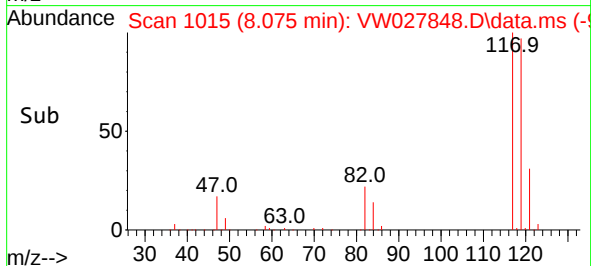
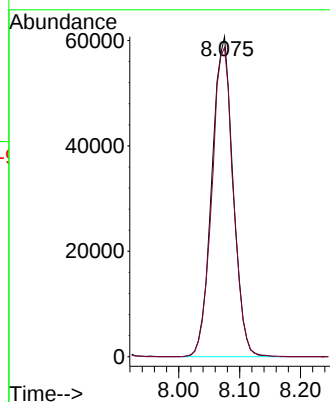


#31
Carbon tetrachloride
Concen: 25.627 ug/L
RT: 8.075 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VW027848.D
Acq: 24 Jan 2024 09:35

Instrument :
MSVOA_W
ClientSampleId :

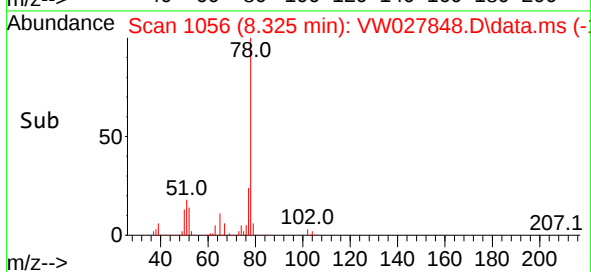
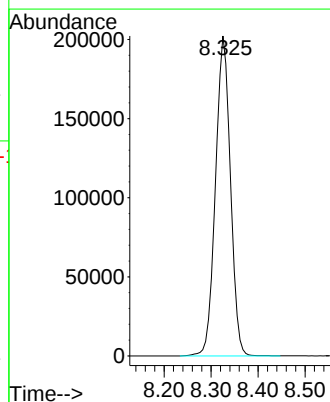
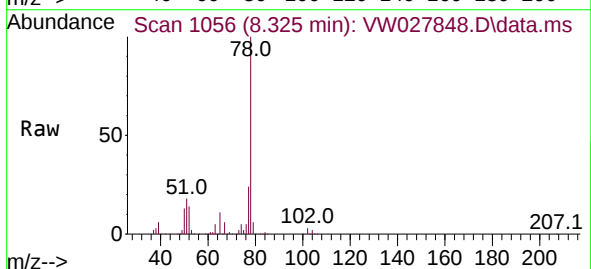


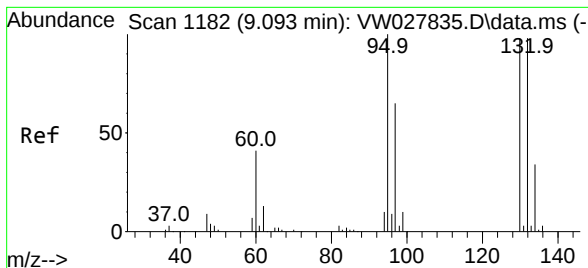
Tgt Ion:117 Resp: 147197
Ion Ratio Lower Upper
117 100
119 96.9 74.8 112.2



#33
Benzene
Concen: 24.534 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW027848.D
Acq: 24 Jan 2024 09:35

Tgt Ion: 78 Resp: 447080





#34

Trichloroethene

Concen: 24.244 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

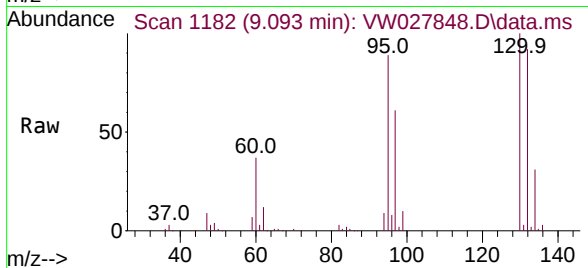
Lab File: VW027848.D

Acq: 24 Jan 2024 09:35

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 120753

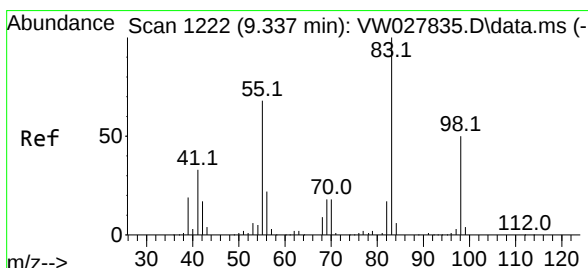
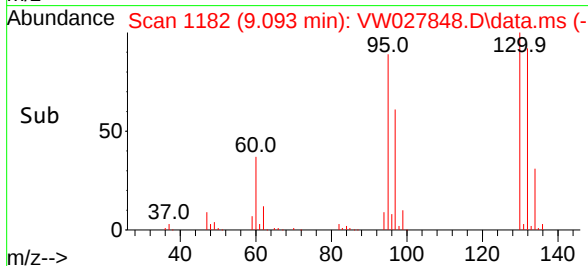
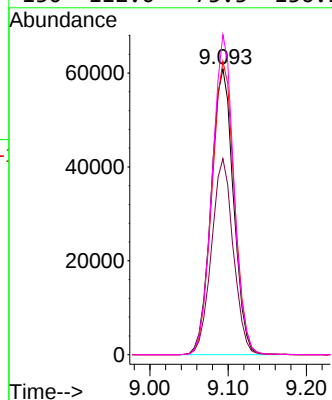
Ion Ratio Lower Upper

95 100

97 68.6 45.1 83.9

132 102.6 74.1 137.5

130 112.0 73.3 136.1



#35

Methylcyclohexane

Concen: 25.477 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027848.D

Acq: 24 Jan 2024 09:35

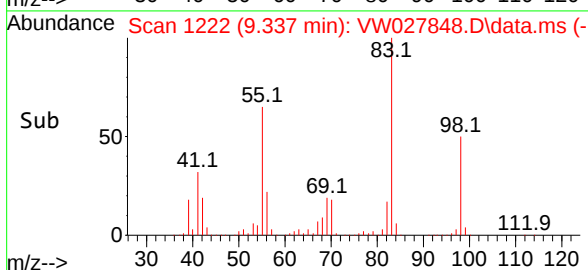
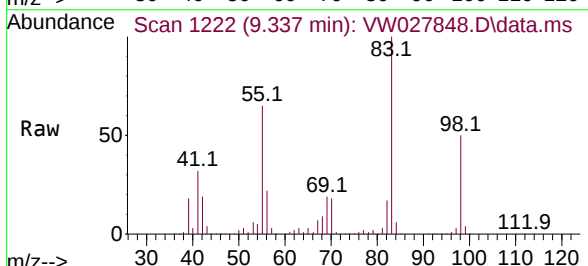
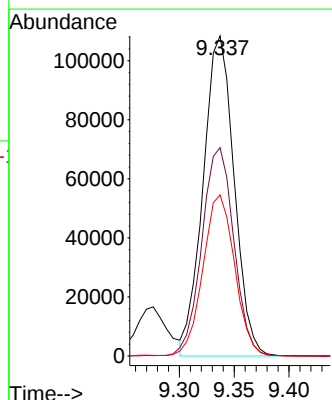
Tgt Ion: 83 Resp: 213574

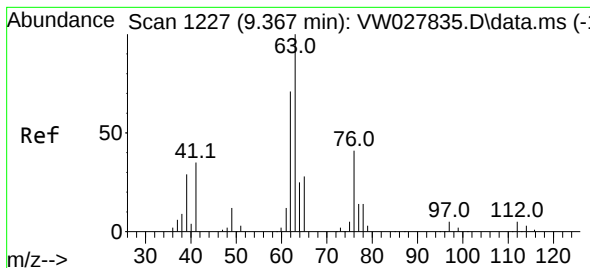
Ion Ratio Lower Upper

83 100

55 67.1 54.7 82.1

98 51.5 41.0 61.4





#37

1,2-Dichloropropane

Concen: 24.283 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW027848.D

Acq: 24 Jan 2024 09:35

Instrument :

MSVOA_W

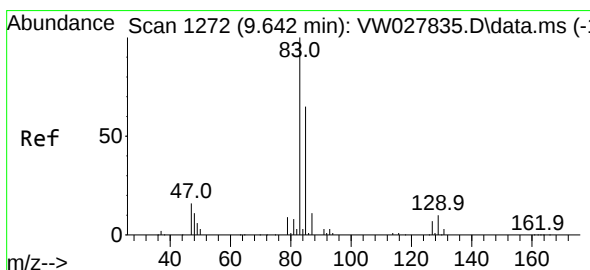
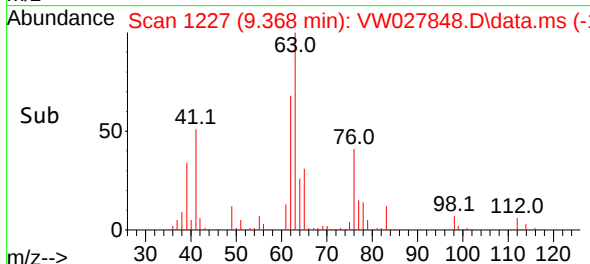
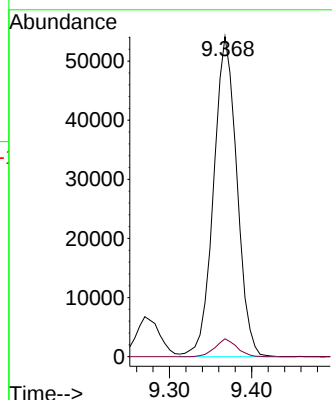
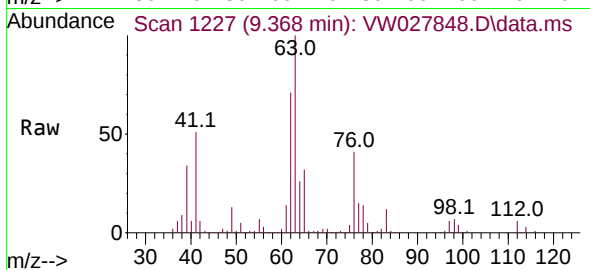
ClientSampleId :

Tgt Ion: 63 Resp: 106600

Ion Ratio Lower Upper

63 100

112 5.2 4.2 6.2



#38

Bromodichloromethane

Concen: 25.104 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027848.D

Acq: 24 Jan 2024 09:35

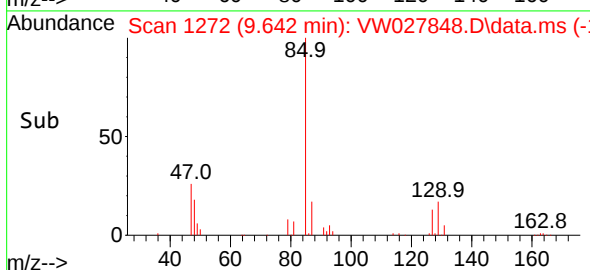
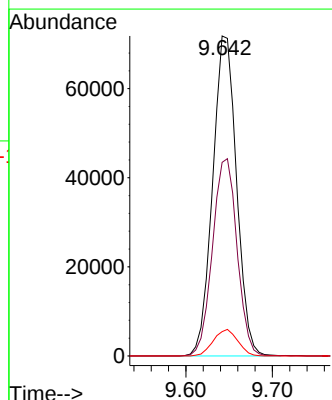
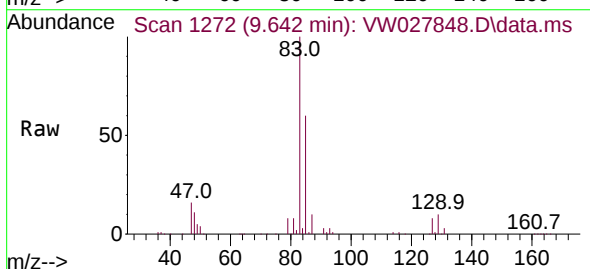
Tgt Ion: 83 Resp: 137801

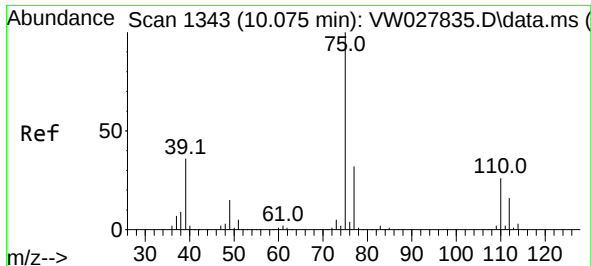
Ion Ratio Lower Upper

83 100

85 60.5 43.0 79.8

127 7.6 6.3 9.5

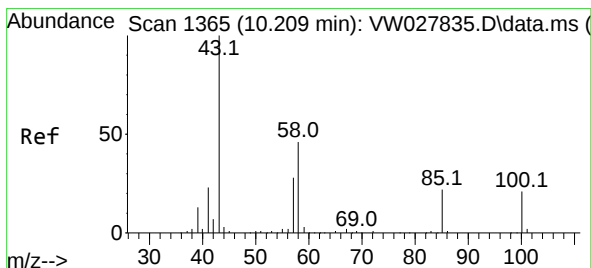
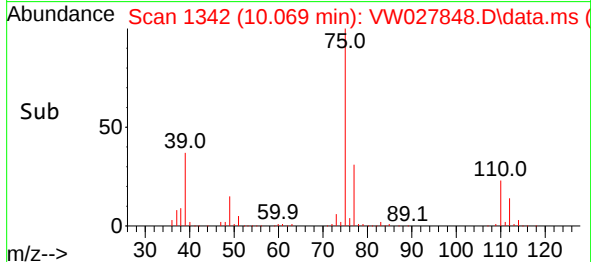
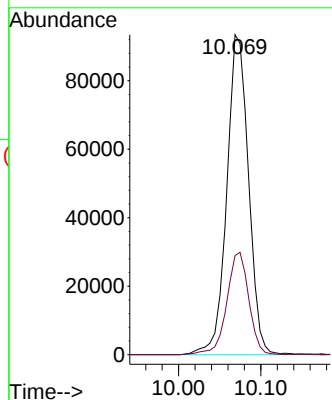
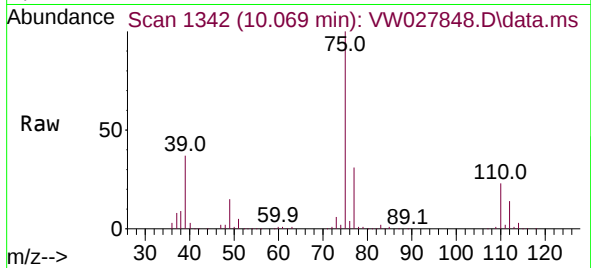




#39
 cis-1,3-Dichloropropene
 Concen: 25.345 ug/L
 RT: 10.069 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VW027848.D
 Acq: 24 Jan 2024 09:35

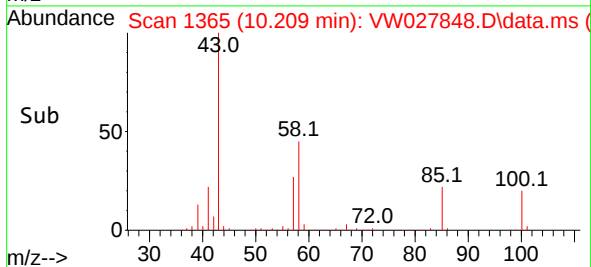
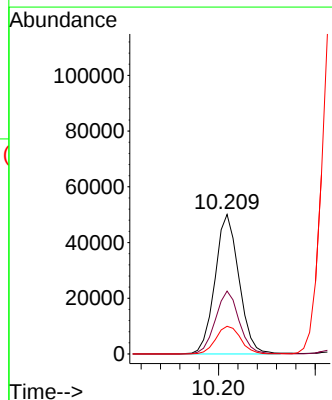
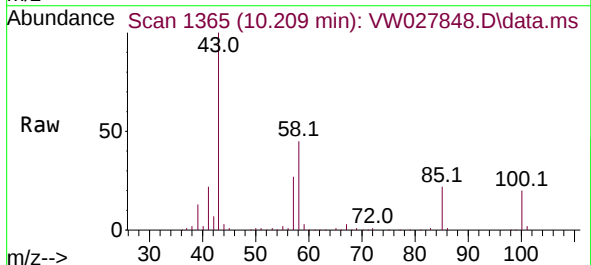
Instrument :
 MSVOA_W
 ClientSampleId :

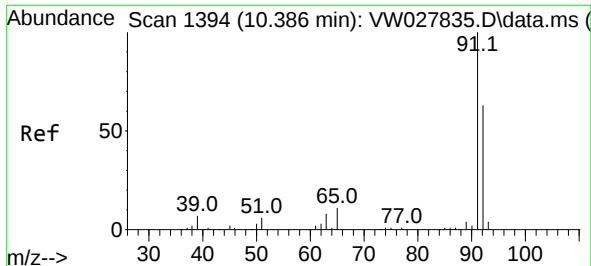
Tgt Ion: 75 Resp: 171449
 Ion Ratio Lower Upper
 75 100
 77 31.0 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 50.315 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW027848.D
 Acq: 24 Jan 2024 09:35

Tgt Ion: 43 Resp: 86159
 Ion Ratio Lower Upper
 43 100
 58 44.6 36.9 55.3
 100 20.5 16.7 25.1





#42

Toluene

Concen: 25.013 ug/L

RT: 10.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027848.D

Acq: 24 Jan 2024 09:35

Instrument :

MSVOA_W

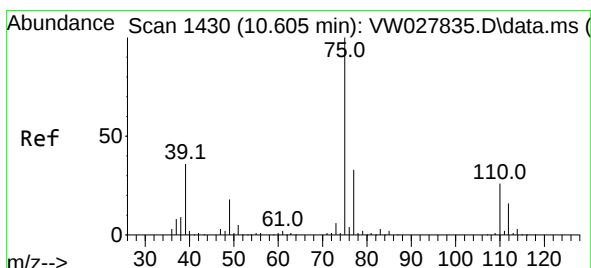
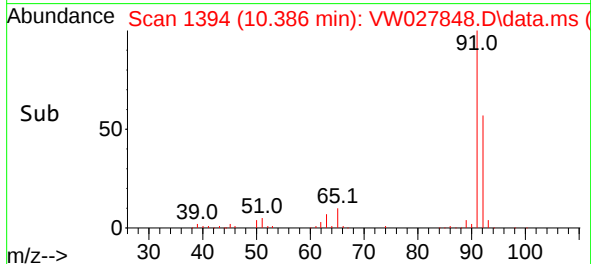
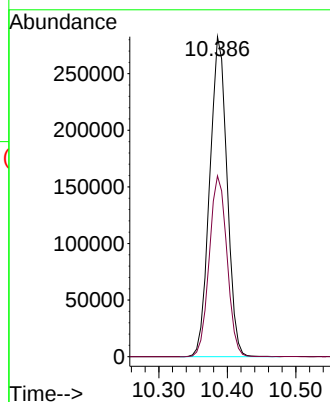
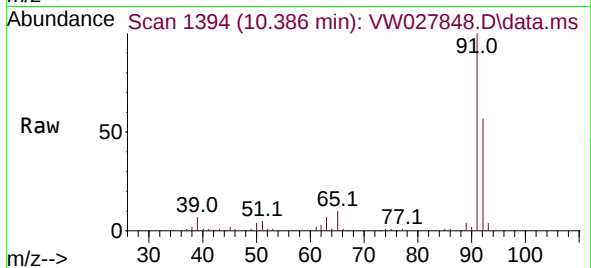
ClientSampleId :

Tgt Ion: 91 Resp: 496061

Ion Ratio Lower Upper

91 100

92 56.5 43.5 80.7



#44

trans-1,3-Dichloropropene

Concen: 25.686 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW027848.D

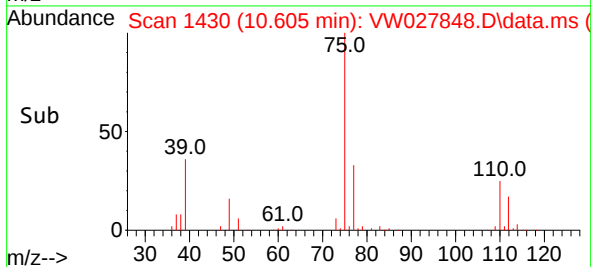
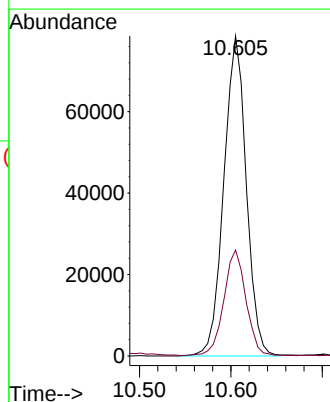
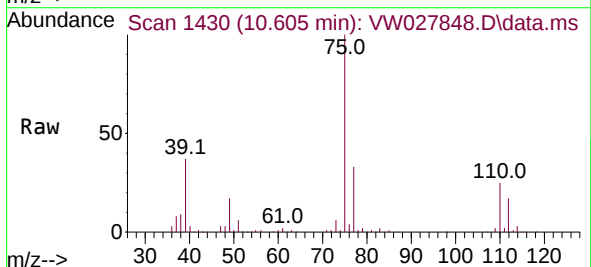
Acq: 24 Jan 2024 09:35

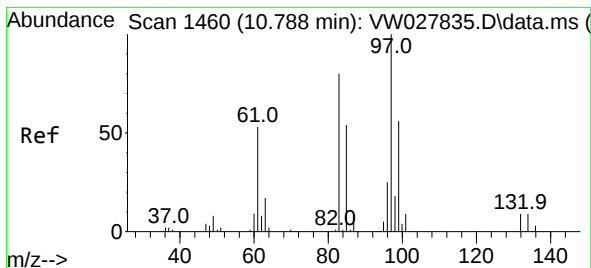
Tgt Ion: 75 Resp: 134123

Ion Ratio Lower Upper

75 100

77 33.1 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 24.440 ug/L

RT: 10.788 min Scan# 14

Delta R.T. 0.000 min

Lab File: VW027848.D

Acq: 24 Jan 2024 09:35

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 80381

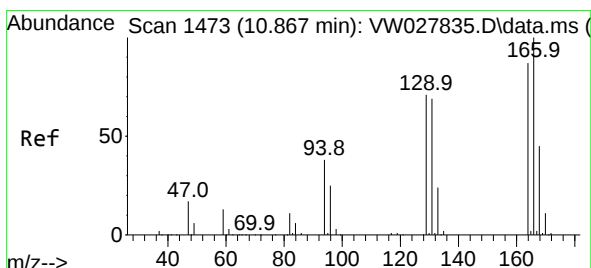
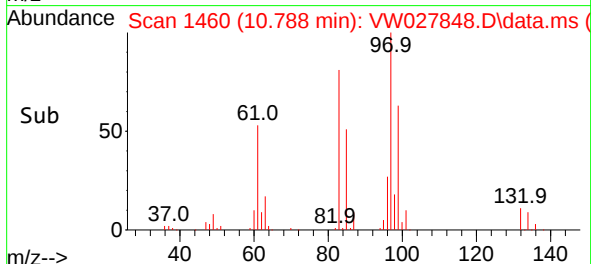
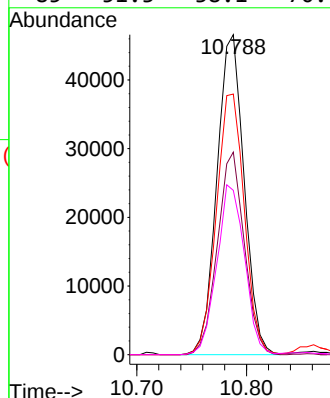
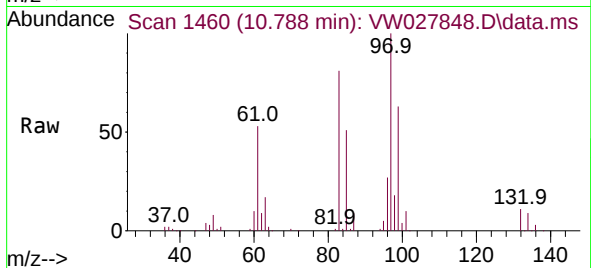
Ion Ratio Lower Upper

97 100

99 63.3 42.1 78.3

83 81.5 58.4 108.4

85 51.3 38.1 70.7



#46

Tetrachloroethene

Concen: 25.504 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VW027848.D

Acq: 24 Jan 2024 09:35

Tgt Ion:164 Resp: 103580

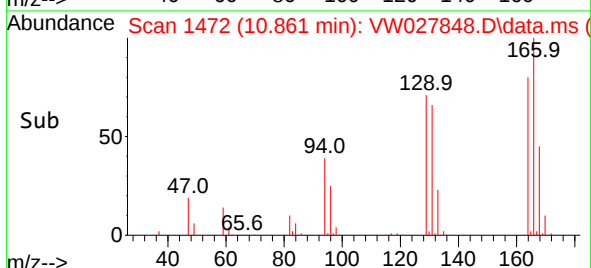
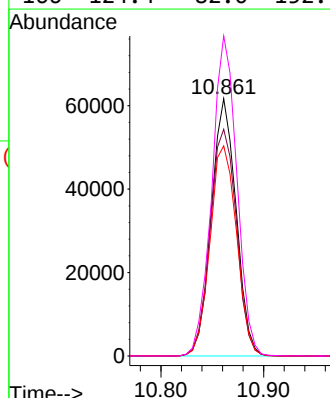
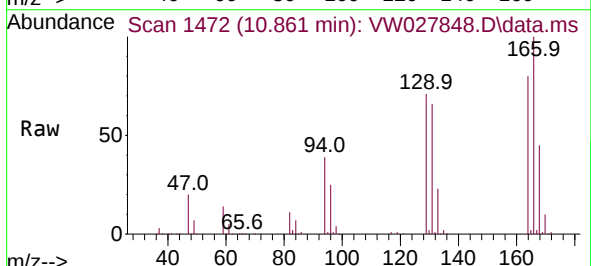
Ion Ratio Lower Upper

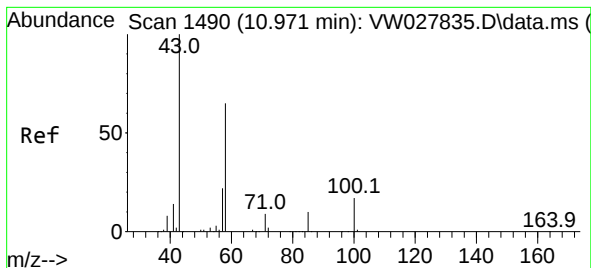
164 100

129 88.1 62.7 116.5

131 81.7 57.3 106.5

166 124.4 82.0 152.4





#48

2-Hexanone

Concen: 54.608 ug/L

RT: 10.965 min Scan# 1490

Delta R.T. -0.006 min

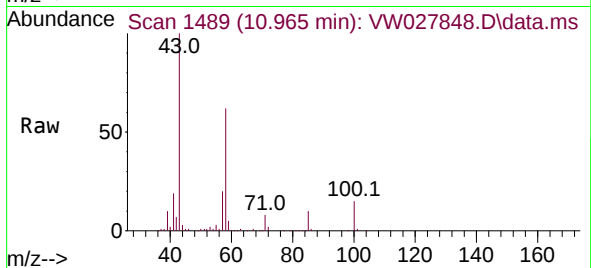
Lab File: VW027848.D

Acq: 24 Jan 2024 09:35

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 67708

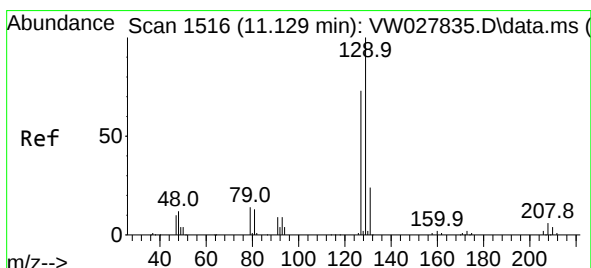
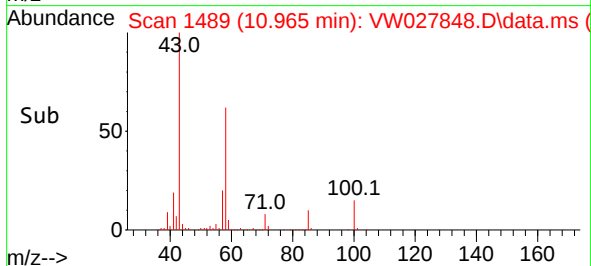
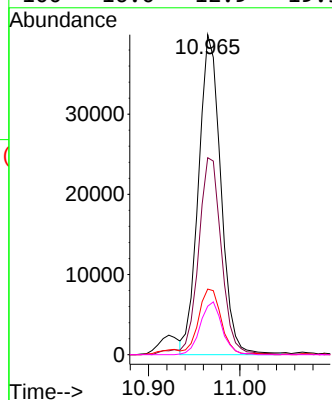
Ion Ratio Lower Upper

43 100

58 62.5 49.3 73.9

57 20.8 17.0 25.4

100 16.0 12.9 19.3



#49

Dibromochloromethane

Concen: 24.617 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW027848.D

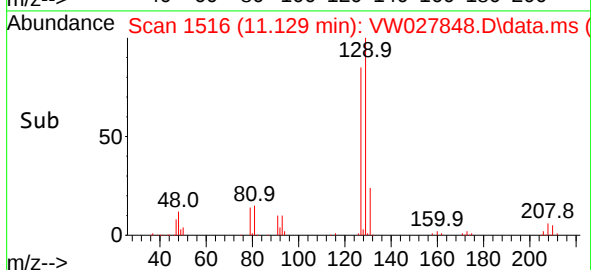
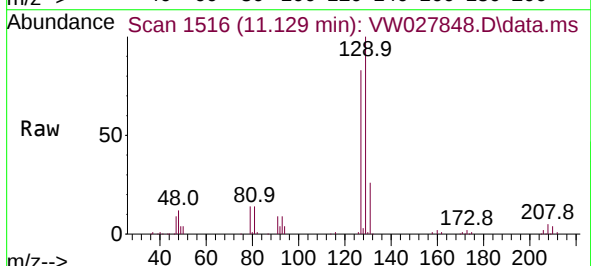
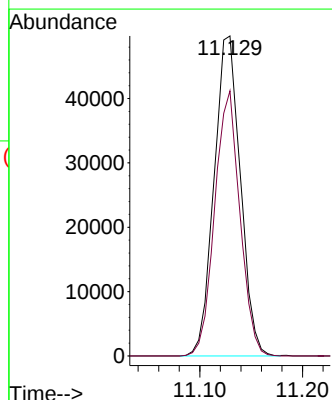
Acq: 24 Jan 2024 09:35

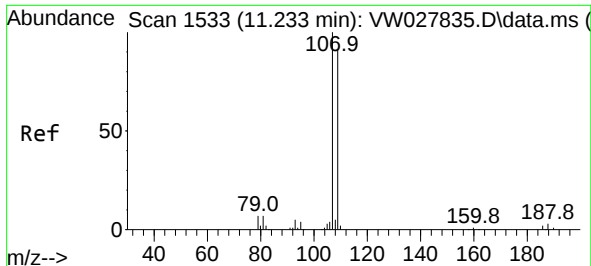
Tgt Ion: 129 Resp: 88466

Ion Ratio Lower Upper

129 100

127 82.9 51.0 94.6





#50

1,2-Dibromoethane

Concen: 24.687 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

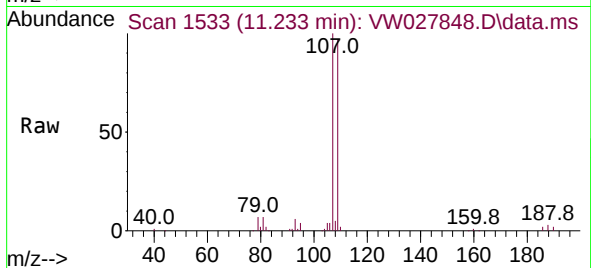
Lab File: VW027848.D

Acq: 24 Jan 2024 09:35

Instrument :

MSVOA_W

ClientSampleId :



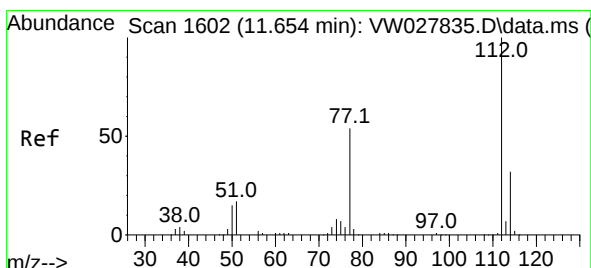
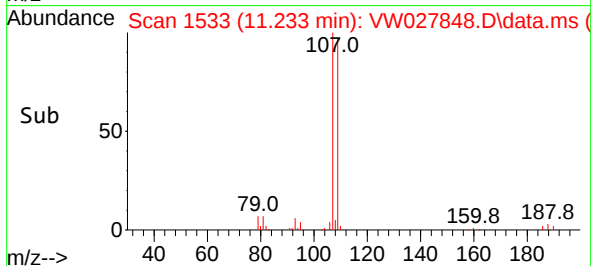
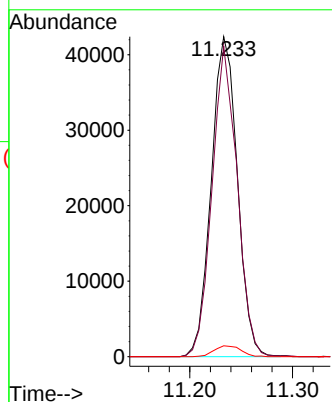
Tgt Ion:107 Resp: 74832

Ion Ratio Lower Upper

107 100

109 97.1 69.3 128.7

188 3.4 3.0 4.4



#51

Chlorobenzene

Concen: 24.565 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW027848.D

Acq: 24 Jan 2024 09:35

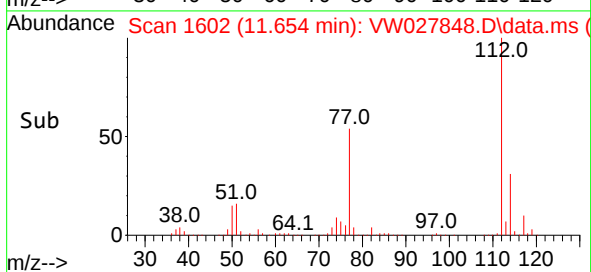
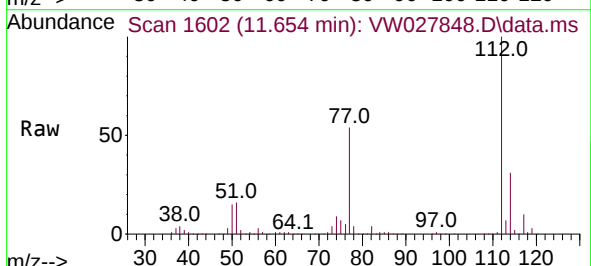
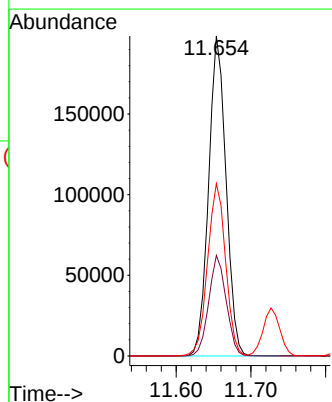
Tgt Ion:112 Resp: 321682

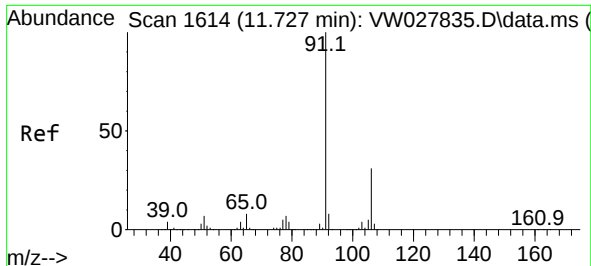
Ion Ratio Lower Upper

112 100

114 31.4 21.3 39.6

77 53.9 44.5 66.7

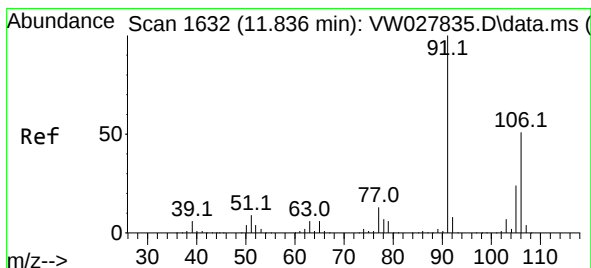
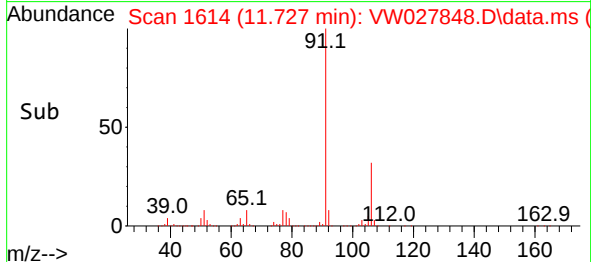
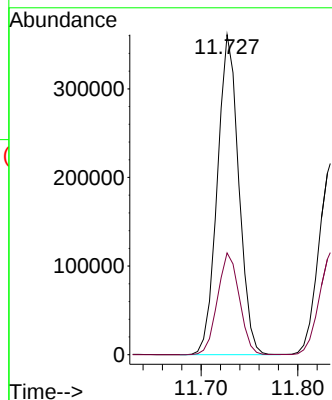
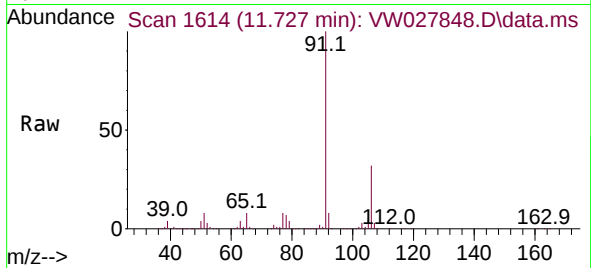




#52
Ethylbenzene
Concen: 24.851 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027848.D
Acq: 24 Jan 2024 09:35

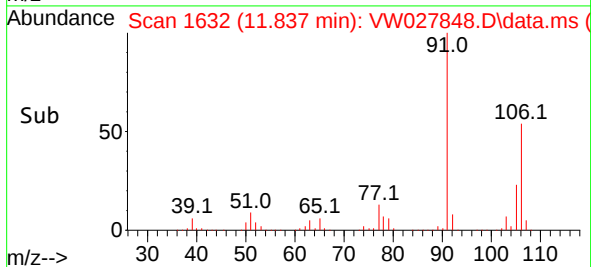
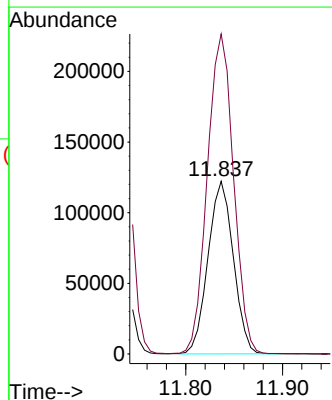
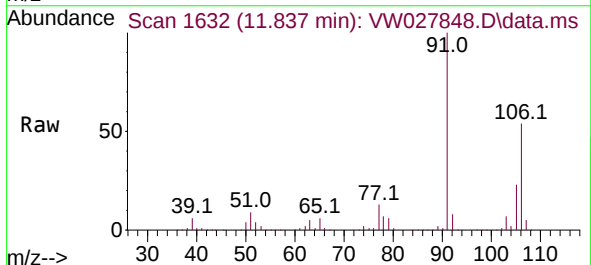
Instrument :
MSVOA_W
ClientSampleId :

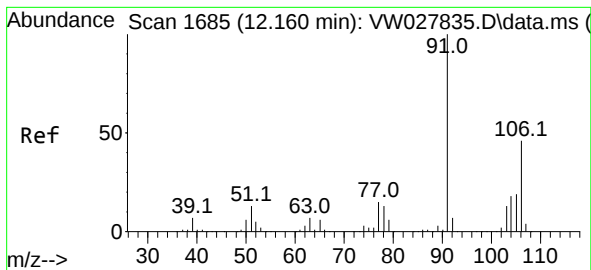
Tgt Ion: 91 Resp: 555525
Ion Ratio Lower Upper
91 100
106 31.8 23.0 42.6



#53
m,p-Xylene
Concen: 25.582 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027848.D
Acq: 24 Jan 2024 09:35

Tgt Ion:106 Resp: 222580
Ion Ratio Lower Upper
106 100
91 185.3 137.0 254.4





#54

o-Xylene

Concen: 25.452 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027848.D

Acq: 24 Jan 2024 09:35

Instrument :

MSVOA_W

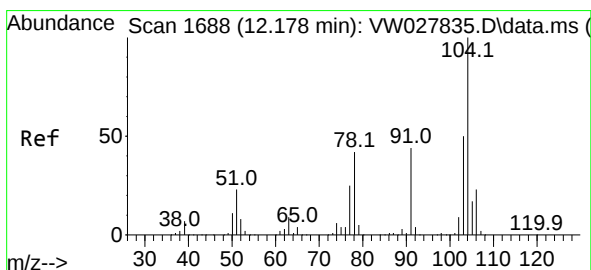
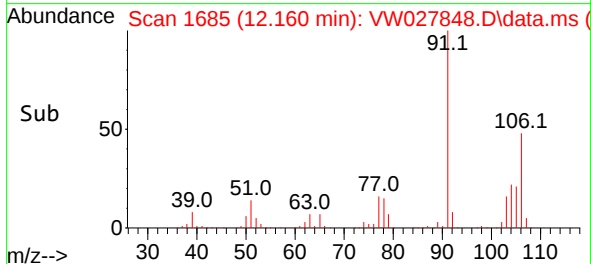
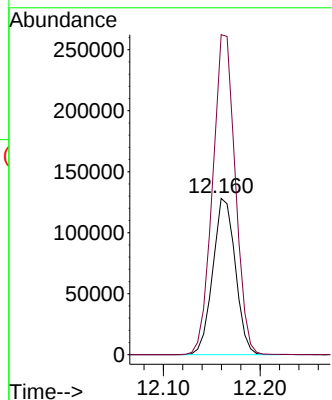
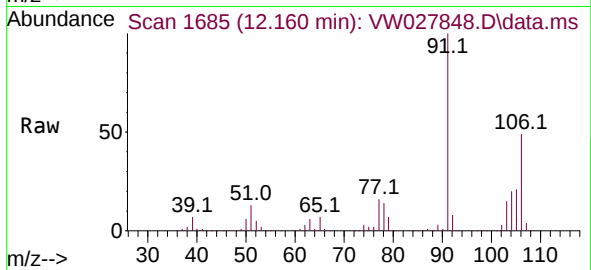
ClientSampleId :

Tgt Ion:106 Resp: 207445

Ion Ratio Lower Upper

106 100

91 204.6 146.4 271.8



#55

Styrene

Concen: 25.525 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW027848.D

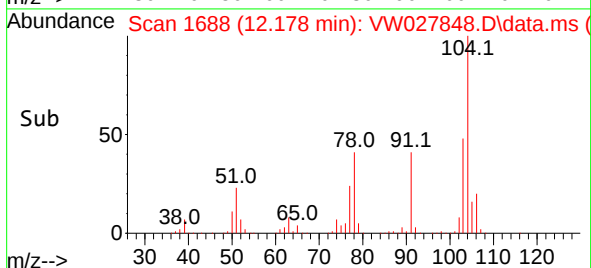
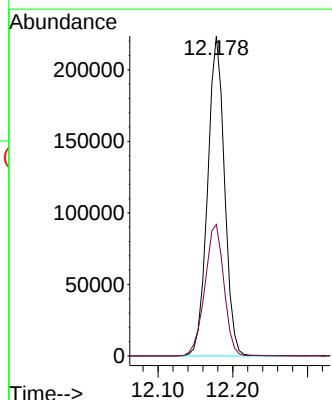
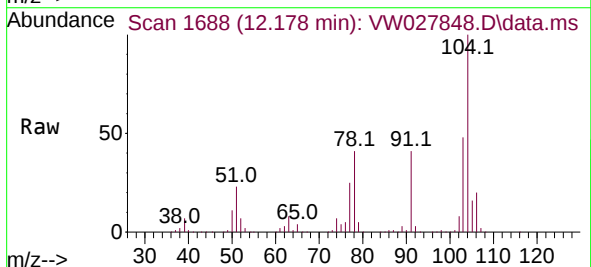
Acq: 24 Jan 2024 09:35

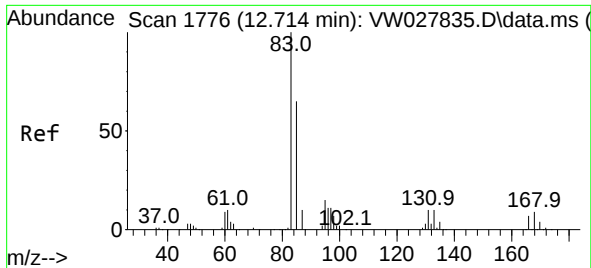
Tgt Ion:104 Resp: 351452

Ion Ratio Lower Upper

104 100

78 41.1 28.8 53.6





#57

1,1,2,2-Tetrachloroethane

Concen: 24.789 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027848.D

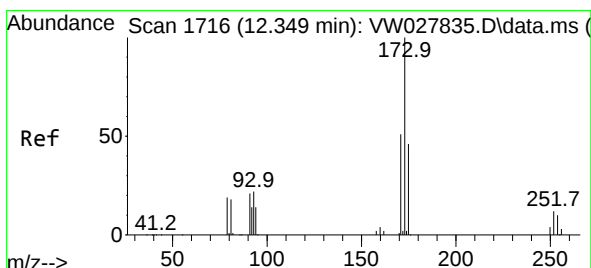
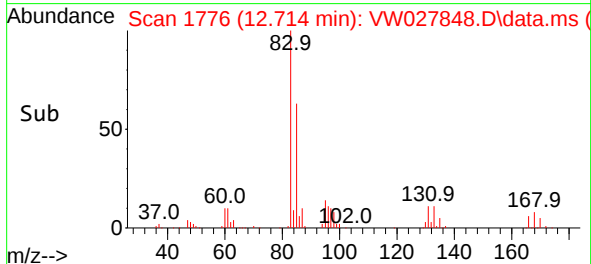
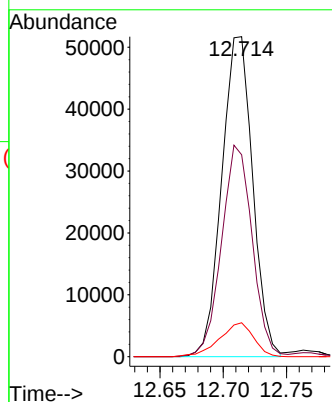
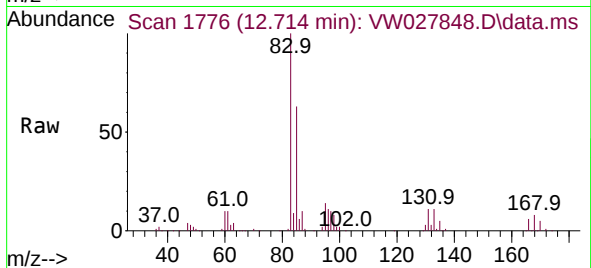
Acq: 24 Jan 2024 09:35

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 87896
Ion Ratio	Lower Upper
83 100	
85 63.1	43.2 80.2
131 10.6	8.2 12.2



#59

Bromoform

Concen: 24.268 ug/L

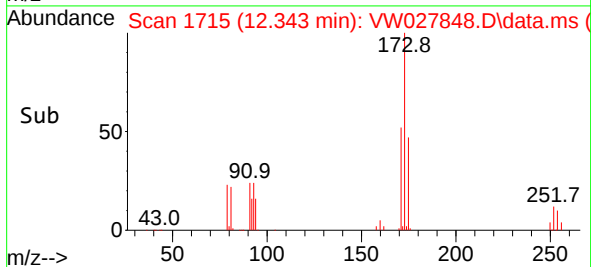
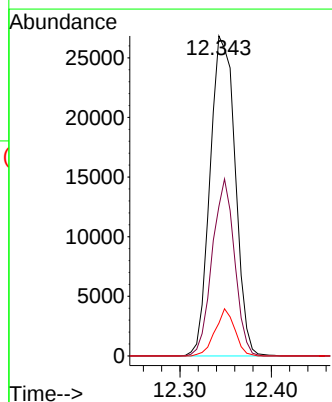
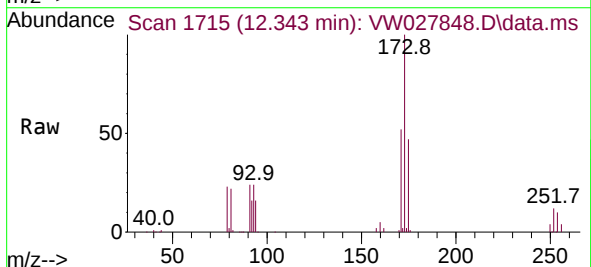
RT: 12.343 min Scan# 1715

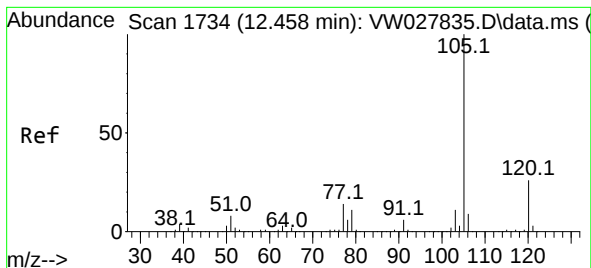
Delta R.T. -0.006 min

Lab File: VW027848.D

Acq: 24 Jan 2024 09:35

Tgt Ion: 173	Resp: 51203
Ion Ratio	Lower Upper
173 100	
175 49.1	35.9 53.9
254 11.6	5.1 7.7#





#60

Isopropylbenzene

Concen: 24.995 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW027848.D

Acq: 24 Jan 2024 09:35

Instrument :

MSVOA_W

ClientSampleId :

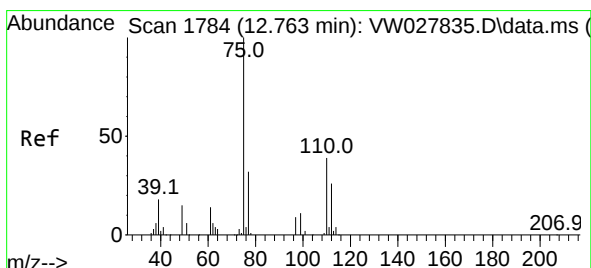
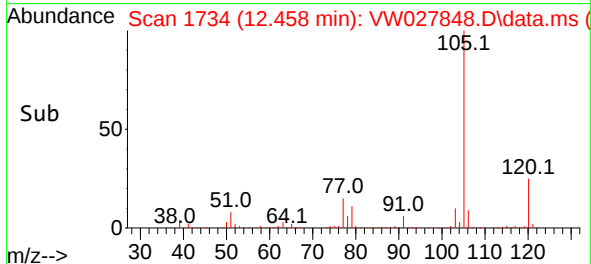
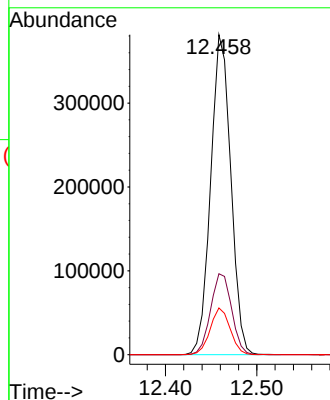
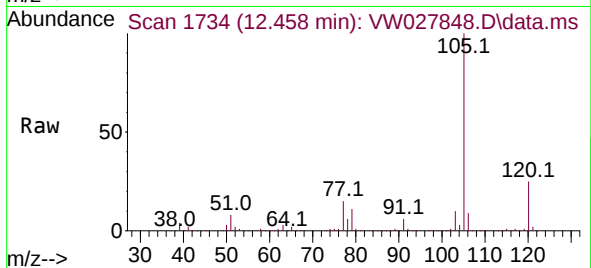
Tgt Ion:105 Resp: 583976

Ion Ratio Lower Upper

105 100

120 26.4 21.9 32.9

77 14.4 11.8 17.6



#61

1,2,3-Trichloropropane

Concen: 23.526 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW027848.D

Acq: 24 Jan 2024 09:35

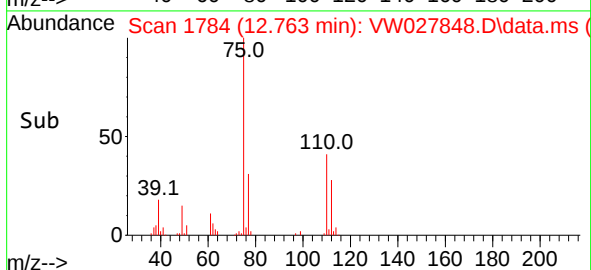
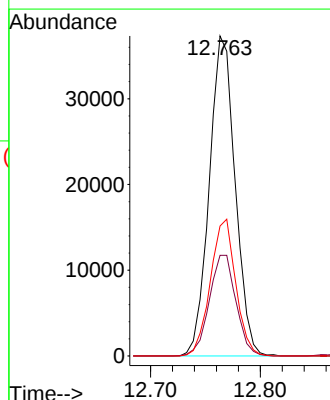
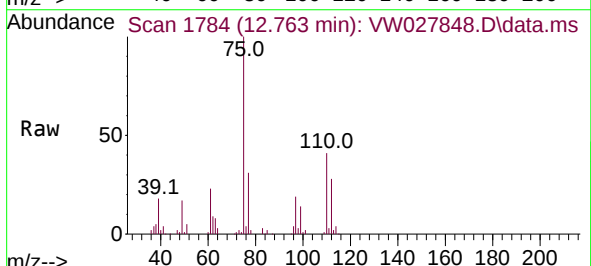
Tgt Ion: 75 Resp: 61212

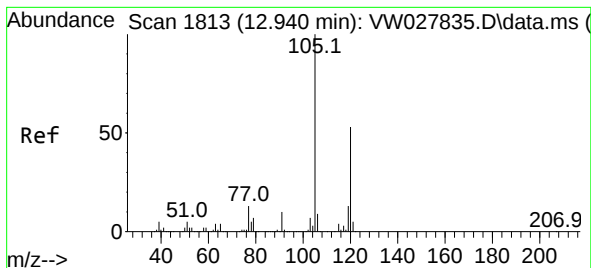
Ion Ratio Lower Upper

75 100

77 32.5 26.1 39.1

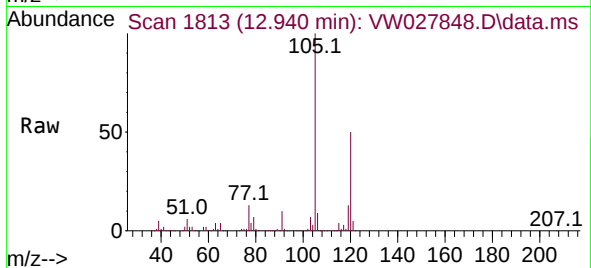
110 41.9 33.1 49.7



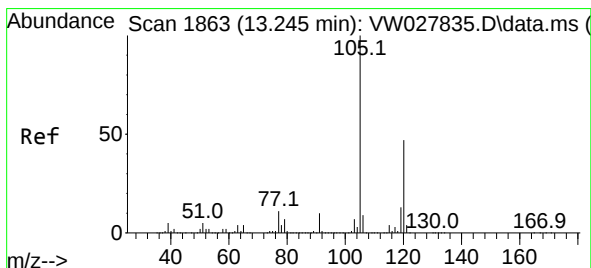
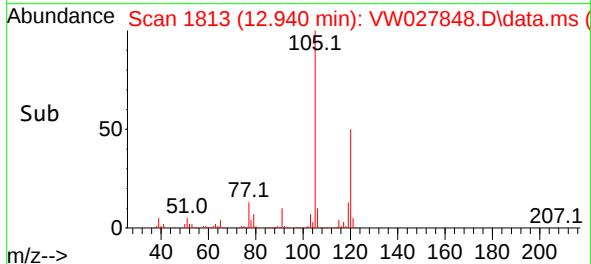
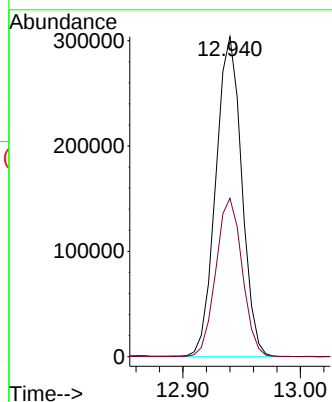


#62
1,3,5-Trimethylbenzene
Concen: 24.857 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027848.D
Acq: 24 Jan 2024 09:35

Instrument :
MSVOA_W
ClientSampleId :

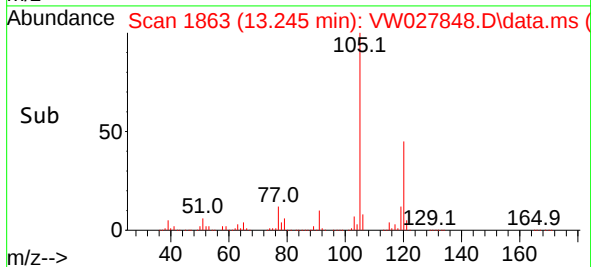
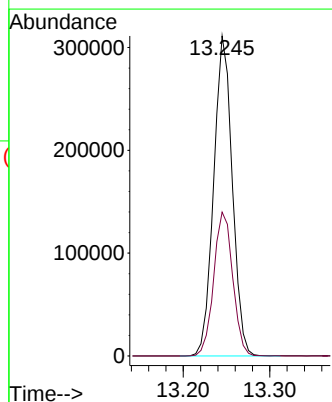
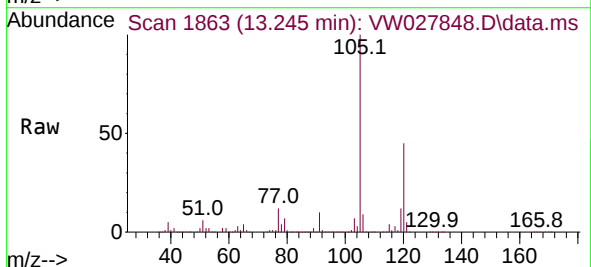


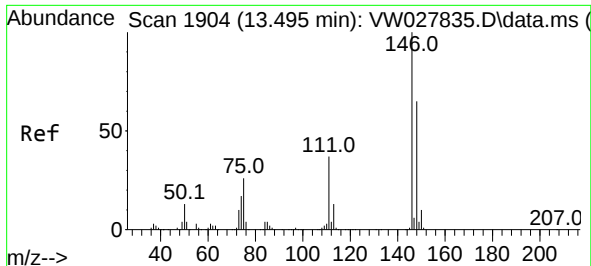
Tgt Ion:105 Resp: 466575
Ion Ratio Lower Upper
105 100
120 50.1 41.2 61.8



#63
1,2,4-Trimethylbenzene
Concen: 24.963 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027848.D
Acq: 24 Jan 2024 09:35

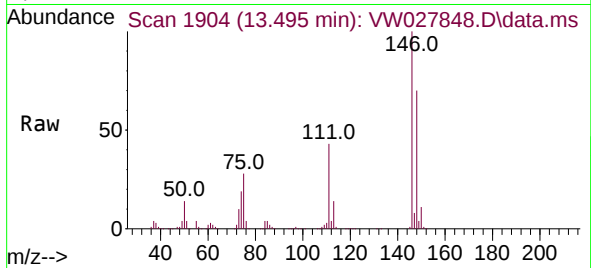
Tgt Ion:105 Resp: 464903
Ion Ratio Lower Upper
105 100
120 45.8 38.2 57.2



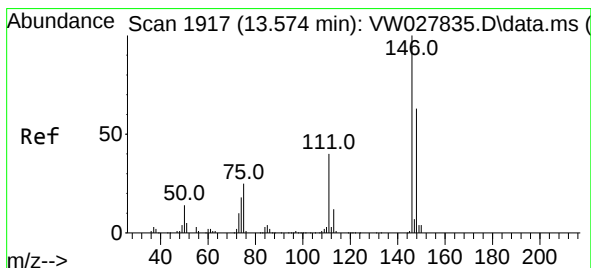
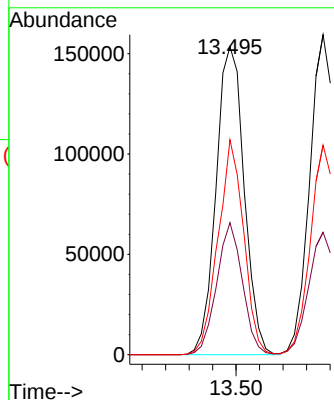
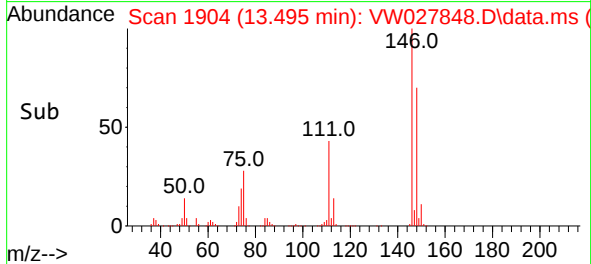


#64
1,3-Dichlorobenzene
Concen: 23.827 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027848.D
Acq: 24 Jan 2024 09:35

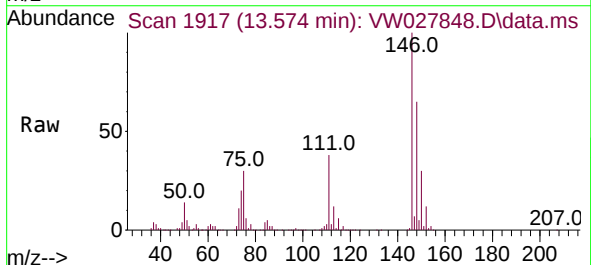
Instrument :
MSVOA_W
ClientSampleId :



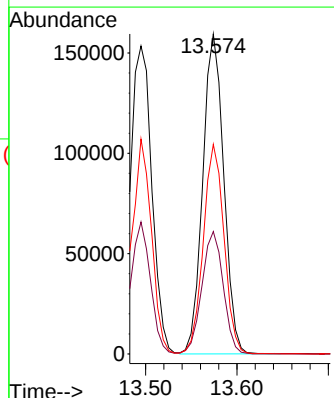
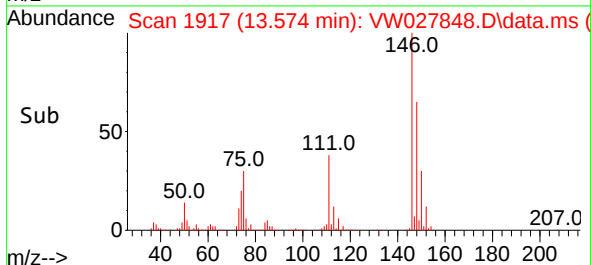
Tgt Ion:146 Resp: 255377
Ion Ratio Lower Upper
146 100
111 42.9 27.2 50.6
148 69.7 45.5 84.5

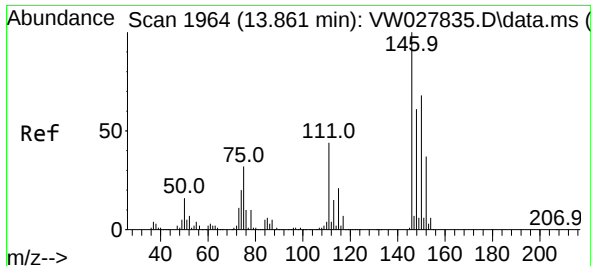


#65
1,4-Dichlorobenzene
Concen: 24.243 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027848.D
Acq: 24 Jan 2024 09:35



Tgt Ion:146 Resp: 253980
Ion Ratio Lower Upper
146 100
111 38.3 26.6 49.4
148 65.5 52.1 96.7





#67

1,2-Dichlorobenzene

Concen: 24.923 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

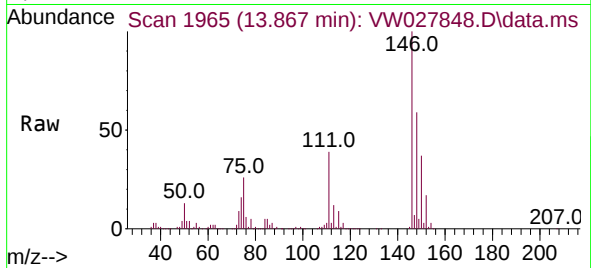
Lab File: VW027848.D

Acq: 24 Jan 2024 09:35

Instrument :

MSVOA_W

ClientSampleId :



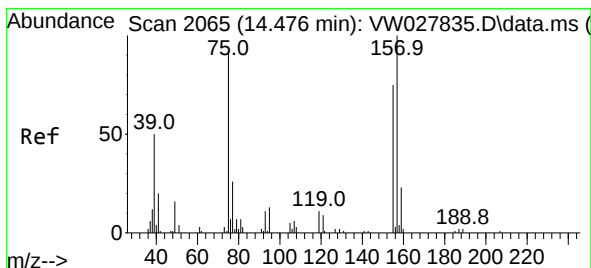
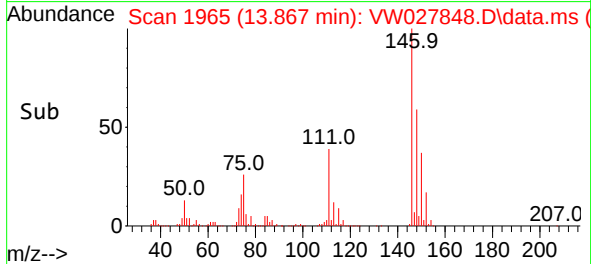
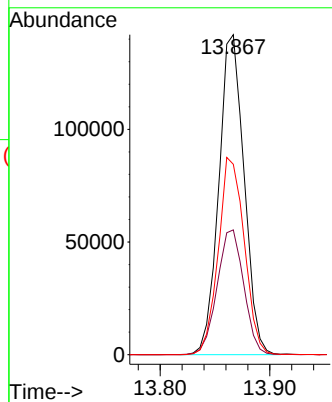
Tgt Ion:146 Resp: 227679

Ion Ratio Lower Upper

146 100

111 39.0 34.9 52.3

148 59.5 56.6 84.8



#68

1,2-Dibromo-3-chloropropane

Concen: 23.751 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW027848.D

Acq: 24 Jan 2024 09:35

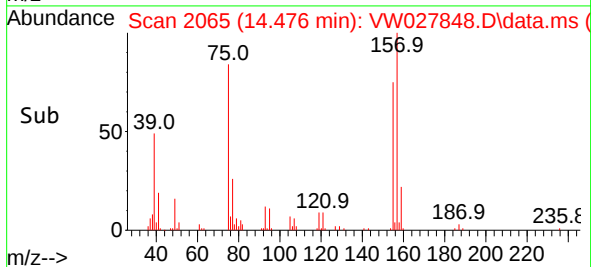
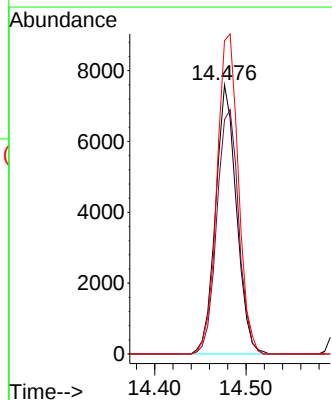
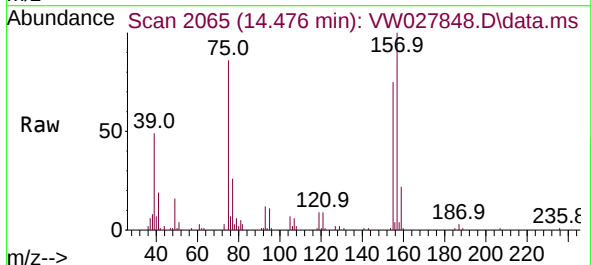
Tgt Ion: 75 Resp: 12060

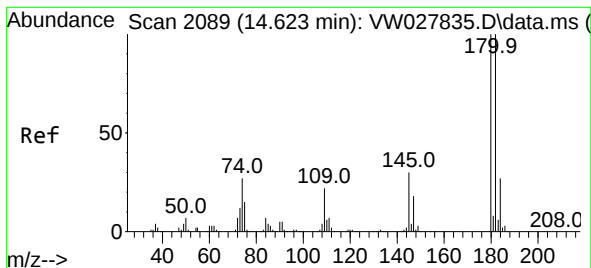
Ion Ratio Lower Upper

75 100

155 87.1 67.8 101.8

157 116.5 85.4 128.0





#69

1,3,5-Trichlorobenzene

Concen: 25.208 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

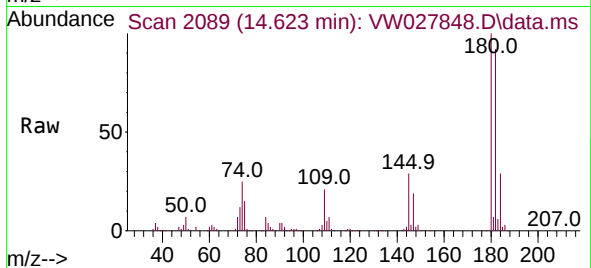
Lab File: VW027848.D

Acq: 24 Jan 2024 09:35

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 186022

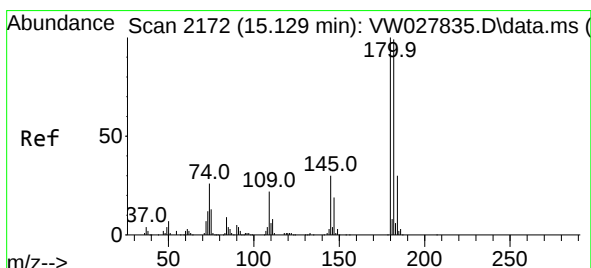
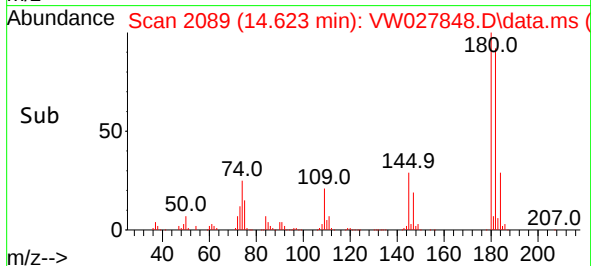
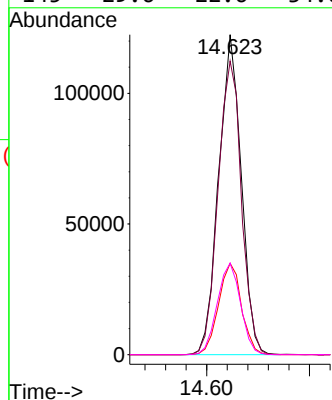
Ion Ratio Lower Upper

180 100

182 95.3 72.6 109.0

184 29.2 22.7 34.1

145 29.6 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 24.591 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW027848.D

Acq: 24 Jan 2024 09:35

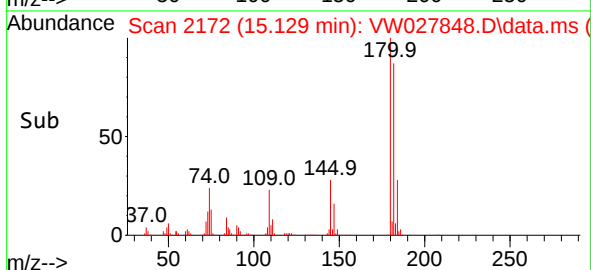
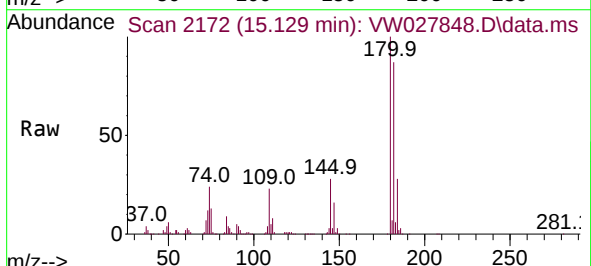
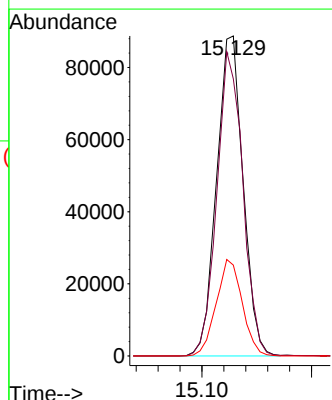
Tgt Ion:180 Resp: 149001

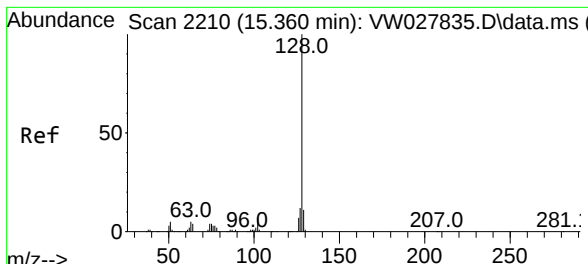
Ion Ratio Lower Upper

180 100

182 93.4 69.4 104.2

145 29.6 23.4 35.2



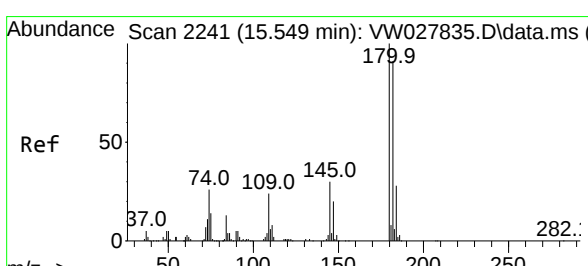
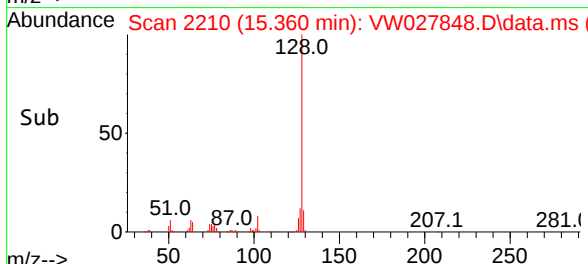
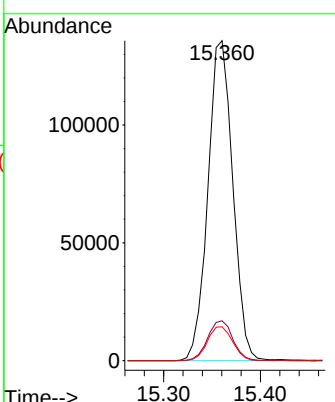
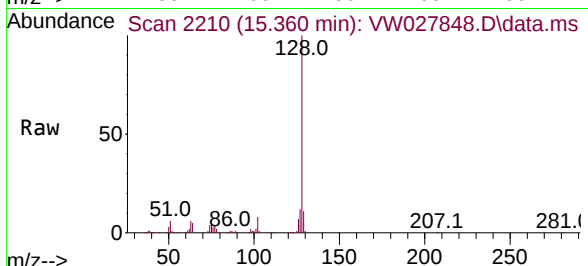


#71
Naphthalene
Concen: 24.393 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW027848.D
Acq: 24 Jan 2024 09:35

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 242788

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	10.8	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 23.171 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW027848.D
Acq: 24 Jan 2024 09:35

Tgt Ion:180 Resp: 118070

Ion	Ratio	Lower	Upper
180	100		
182	97.8	74.7	112.1
145	33.4	25.0	37.6

