

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012624\
 Data File : VW027859.D
 Acq On : 26 Jan 2024 12:38
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.01g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 26 23:38:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jan 25 00:24:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	319492	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	302603	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	154506	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	75174	19.278	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.120%
7) Chloroethane-d5	2.899	69	48138	14.081	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.320%
11) 1,1-Dichloroethene-d2	4.027	65	32729	18.658	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.640%
21) 2-Butanone-d5	7.087	46	44524	69.049	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.100%#
24) Chloroform-d	7.648	84	180563	23.372	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.480%
26) 1,2-Dichloroethane-d4	8.307	65	90185	25.766	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.080%
32) Benzene-d6	8.276	84	368158	21.436	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.760%
36) 1,2-Dichloropropane-d6	9.270	67	106790	22.475	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.920%
41) Toluene-d8	10.319	98	352183	21.935	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.720%
43) trans-1,3-Dichloroprop...	10.575	79	46870	25.377	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.520%
47) 2-Hexanone-d5	10.922	63	42919	68.815	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.640%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	101563	30.005	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.040%#
66) 1,2-Dichlorobenzene-d4	13.848	152	135393	24.928	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	60314	18.199	ug/L	92
3) Chloromethane	2.229	50	77275	18.763	ug/L	97
5) Vinyl chloride	2.375	62	91972	22.126	ug/L	94
6) Bromomethane	2.789	94	65081	20.108	ug/L	98
8) Chloroethane	2.936	64	41974	15.327	ug/L	97
9) Trichlorofluoromethane	3.265	101	74395	15.597	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	78767	20.290	ug/L	96
12) 1,1-Dichloroethene	4.051	96	77054	20.276	ug/L	92
13) Acetone	4.149	43	35867	43.522	ug/L	99
14) Carbon disulfide	4.399	76	226652	19.402	ug/L	99
15) Methyl Acetate	4.685	43	32957	29.396	ug/L	95
16) Methylene chloride	4.923	84	88425	19.090	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	85922	21.161	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	124512	25.099	ug/L	100
19) 1,1-Dichloroethane	6.222	63	149906	21.762	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	98284	22.255	ug/L	99
22) 2-Butanone	7.179	43	48201	60.297	ug/L	97
23) Bromochloromethane	7.514	128	45558	23.776	ug/L	95
25) Chloroform	7.679	83	162253	22.784	ug/L	97

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 Response via : Initial Calibration

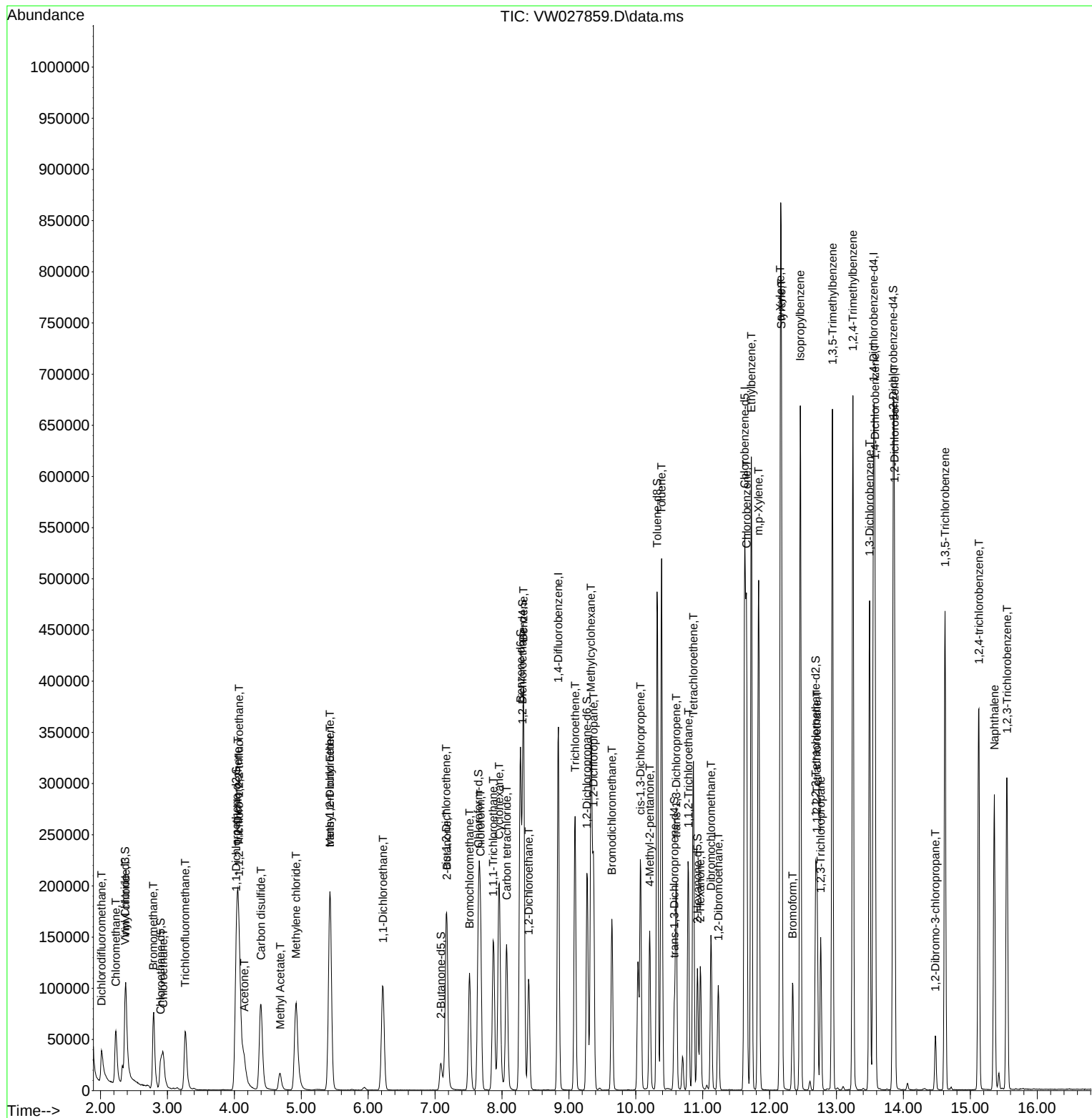
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	101205	25.144	ug/L	100
29) Cyclohexane	7.959	56	123250	20.017	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	126043	20.768	ug/L	99
31) Carbon tetrachloride	8.069	117	114333	21.716	ug/L	98
33) Benzene	8.319	78	350081	20.959	ug/L	100
34) Trichloroethene	9.093	95	95013	20.811	ug/L	98
35) Methylcyclohexane	9.331	83	156253	20.335	ug/L	99
37) 1,2-Dichloropropane	9.368	63	86780	21.566	ug/L	100
38) Bromodichloromethane	9.642	83	115896	23.034	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	144402	23.289	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	94175	59.999	ug/L	99
42) Toluene	10.386	91	390733	21.495	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	118847	24.831	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	75163	24.933	ug/L	94
46) Tetrachloroethene	10.861	164	79750	21.423	ug/L	96
48) 2-Hexanone	10.965	43	70306	61.862	ug/L	99
49) Dibromochloromethane	11.123	129	83832	25.450	ug/L	98
50) 1,2-Dibromoethane	11.233	107	70408	25.340	ug/L	92
51) Chlorobenzene	11.654	112	256201	21.344	ug/L	98
52) Ethylbenzene	11.727	91	440648	21.505	ug/L	98
53) m,p-Xylene	11.837	106	171736	21.534	ug/L	99
54) o-Xylene	12.160	106	165833	22.198	ug/L	91
55) Styrene	12.178	104	289944	22.974	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	90851	27.953	ug/L	100
59) Bromoform	12.343	173	50467	26.601	ug/L #	94
60) Isopropylbenzene	12.458	105	438775	20.887	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	63601	27.185	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	368470	21.832	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	371487	22.184	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	208536	21.639	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	213330	22.647	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	192993	23.496	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	13543	29.662	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	157409	23.723	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	129778	23.821	ug/L	91
71) Naphthalene	15.360	128	253395	28.314	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	114259	24.938	ug/L	99

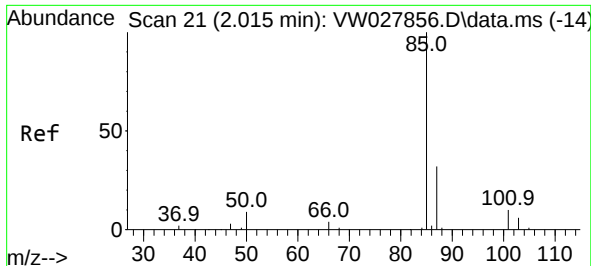
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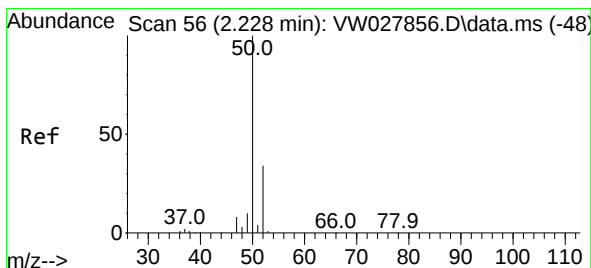
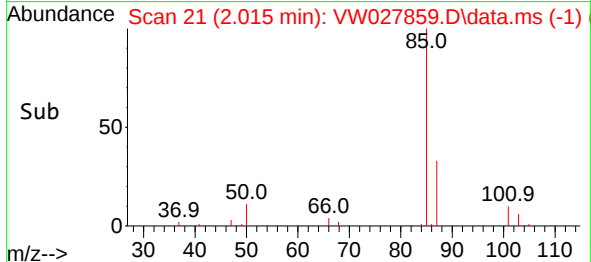
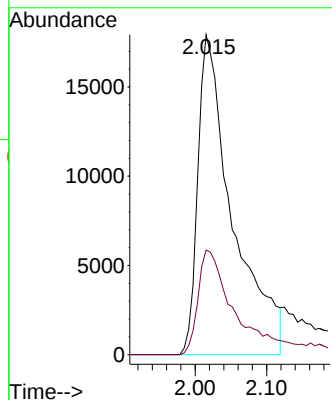
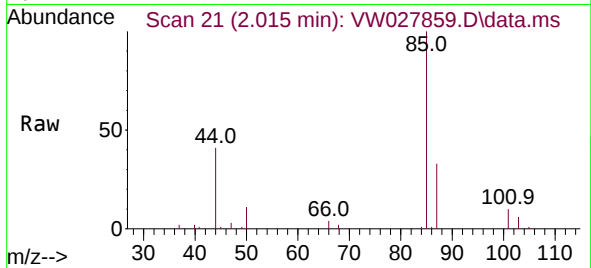




#2
 Dichlorodifluoromethane
 Concen: 18.199 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027859.D
 Acq: 26 Jan 2024 12:38

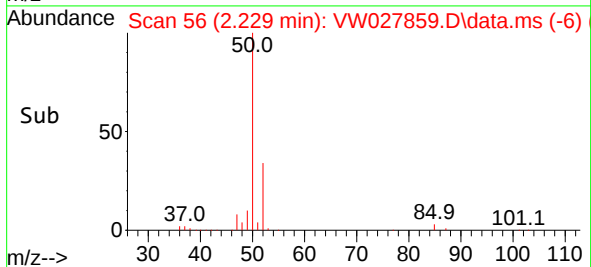
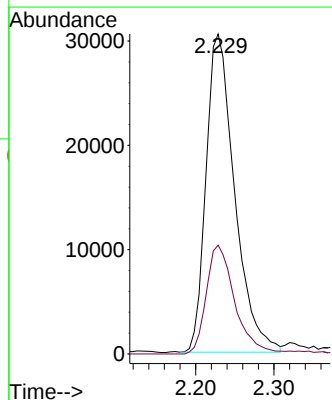
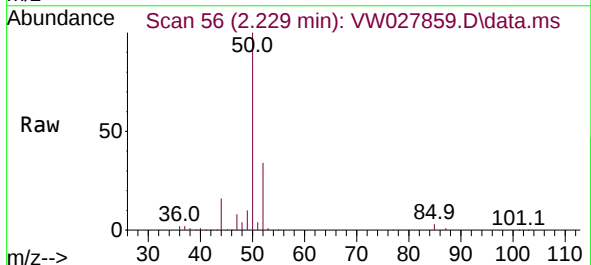
Instrument :
 MSVOA_W
 ClientSampleId :

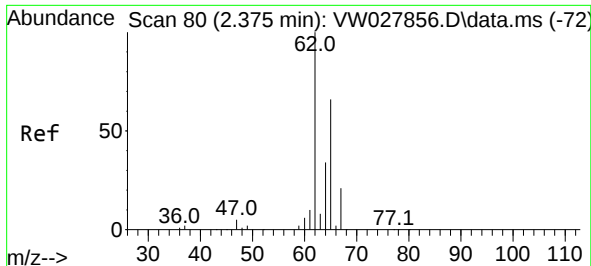
Tgt Ion: 85 Resp: 60314
 Ion Ratio Lower Upper
 85 100
 87 35.4 25.0 37.4



#3
 Chloromethane
 Concen: 18.763 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW027859.D
 Acq: 26 Jan 2024 12:38

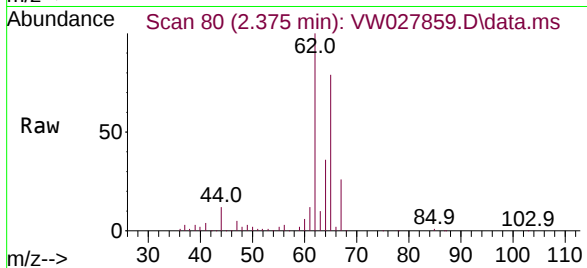
Tgt Ion: 50 Resp: 77275
 Ion Ratio Lower Upper
 50 100
 52 34.0 22.5 41.7



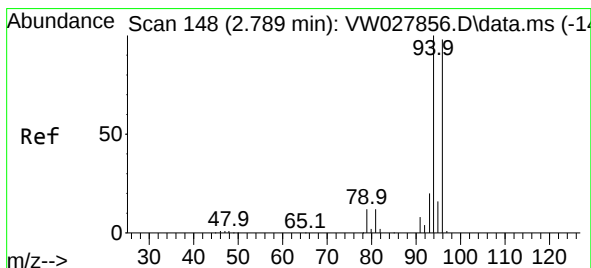
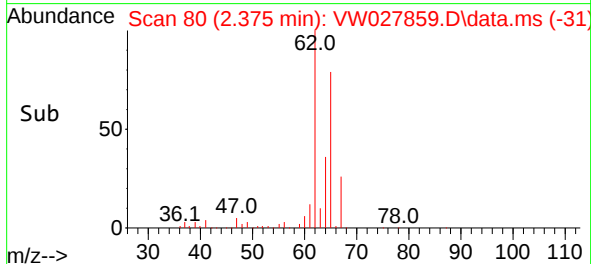
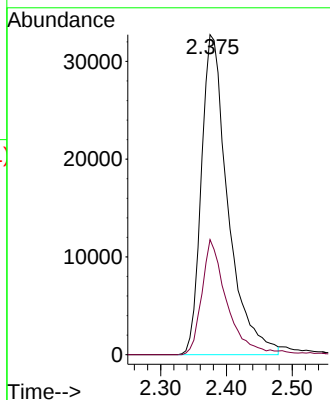


#5
 Vinyl chloride
 Concen: 22.126 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027859.D
 Acq: 26 Jan 2024 12:38

Instrument :
 MSVOA_W
 ClientSampleId :

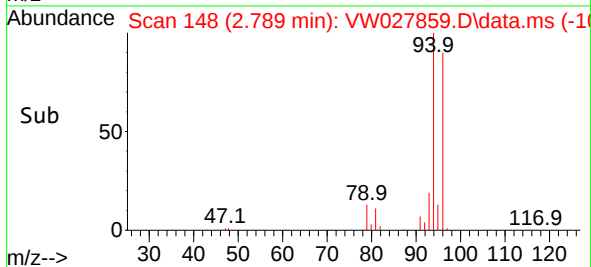
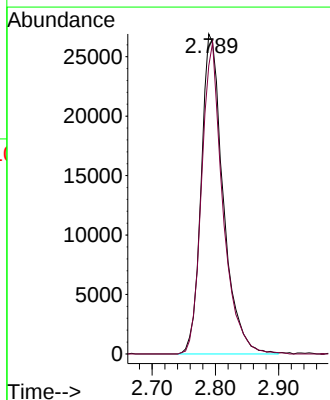
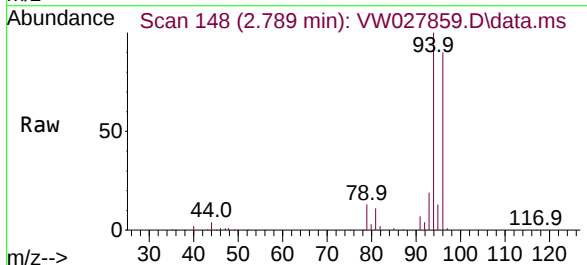


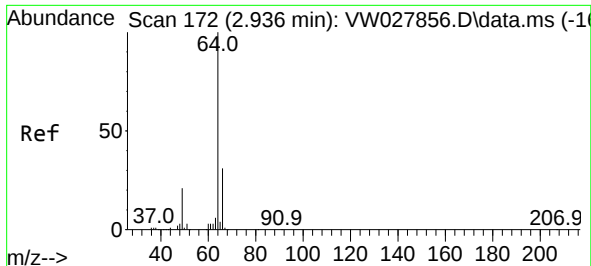
Tgt Ion: 62 Resp: 91972
 Ion Ratio Lower Upper
 62 100
 64 36.0 23.0 42.6



#6
 Bromomethane
 Concen: 20.108 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW027859.D
 Acq: 26 Jan 2024 12:38

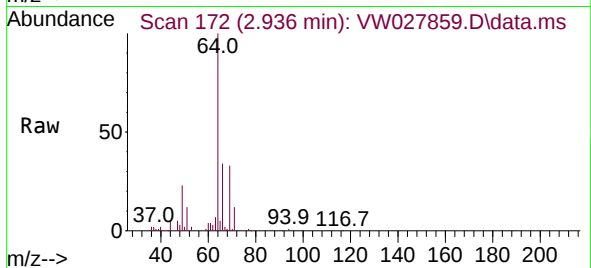
Tgt Ion: 94 Resp: 65081
 Ion Ratio Lower Upper
 94 100
 96 90.1 64.3 119.5



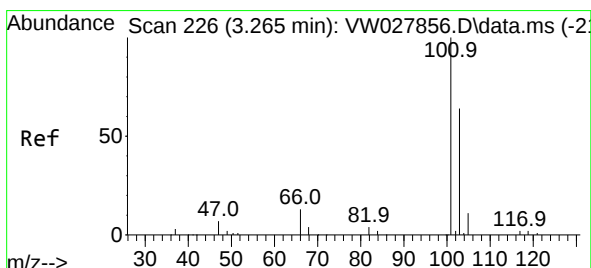
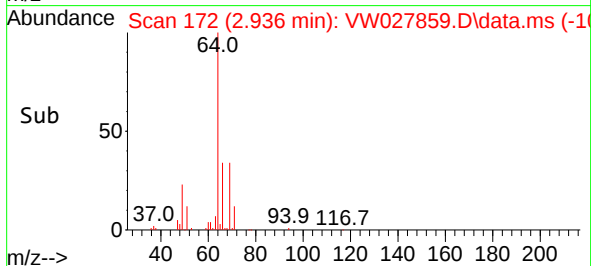
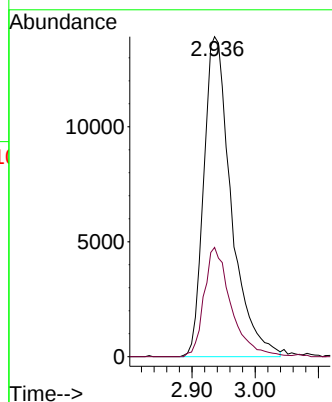


#8
Chloroethane
Concen: 15.327 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW027859.D
Acq: 26 Jan 2024 12:38

Instrument :
MSVOA_W
ClientSampleId :

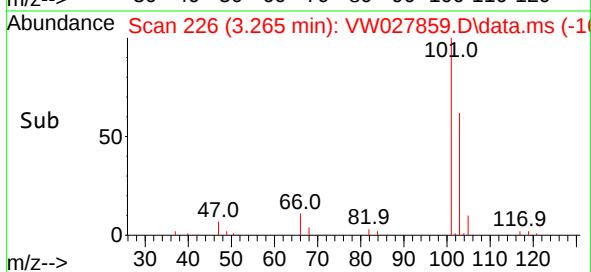
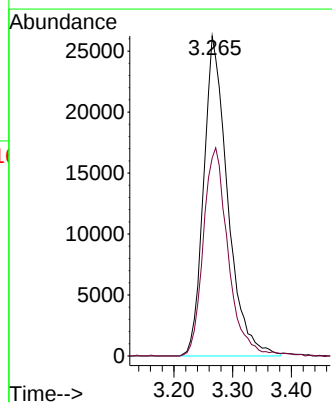
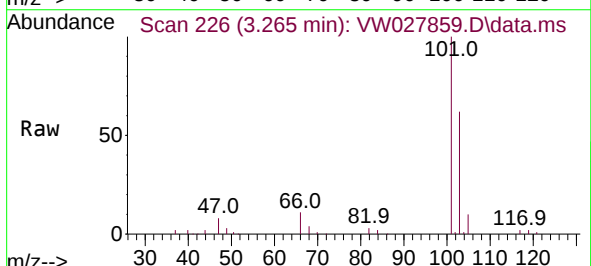


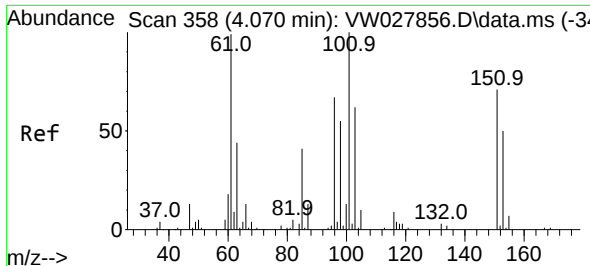
Tgt Ion: 64 Resp: 41974
Ion Ratio Lower Upper
64 100
66 34.1 22.6 42.0



#9
Trichlorofluoromethane
Concen: 15.597 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW027859.D
Acq: 26 Jan 2024 12:38

Tgt Ion: 101 Resp: 74395
Ion Ratio Lower Upper
101 100
103 66.7 51.5 77.3

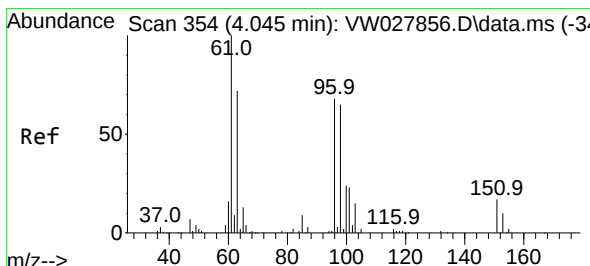
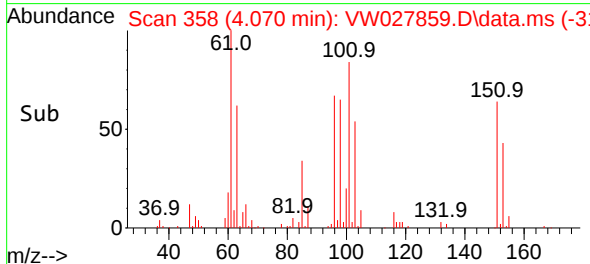
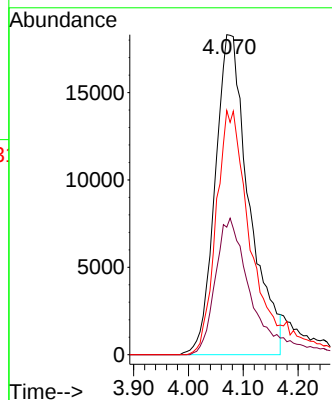
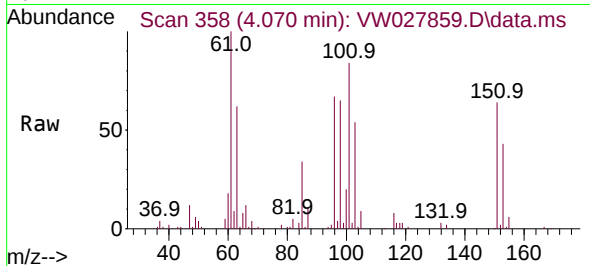




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.290 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.012 min
 Lab File: VW027859.D
 Acq: 26 Jan 2024 12:38

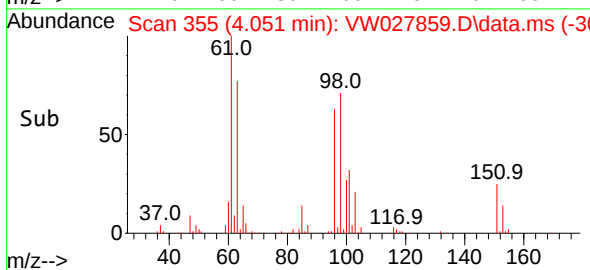
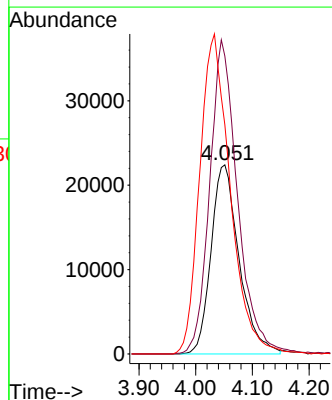
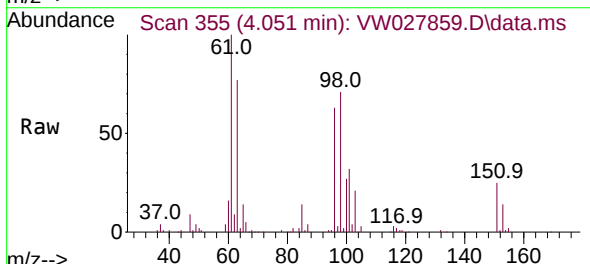
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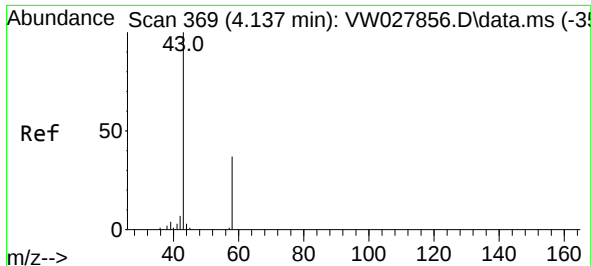
Tgt Ion:101 Resp: 78767
 Ion Ratio Lower Upper
 101 100
 85 45.6 32.6 48.8
 151 74.4 60.6 91.0



#12
 1,1-Dichloroethene
 Concen: 20.276 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW027859.D
 Acq: 26 Jan 2024 12:38

Tgt Ion: 96 Resp: 77054
 Ion Ratio Lower Upper
 96 100
 61 157.6 105.7 196.3
 63 121.3 76.0 141.2





#13

Acetone

Concen: 43.522 ug/L

RT: 4.149 min Scan# 31

Delta R.T. -0.006 min

Lab File: VW027859.D

Acq: 26 Jan 2024 12:38

Instrument :

MSVOA_W

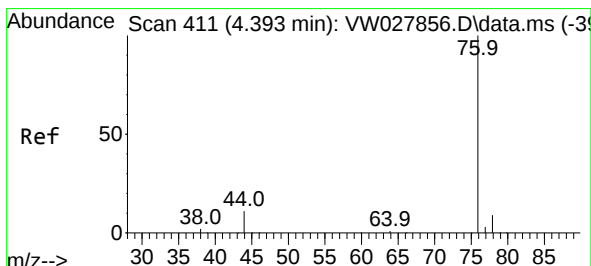
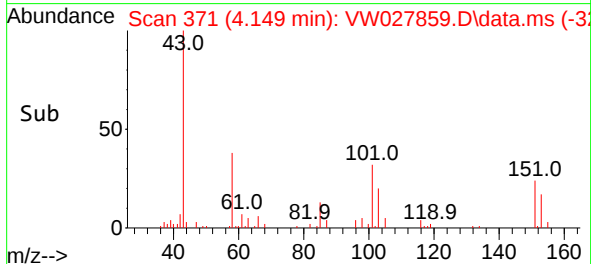
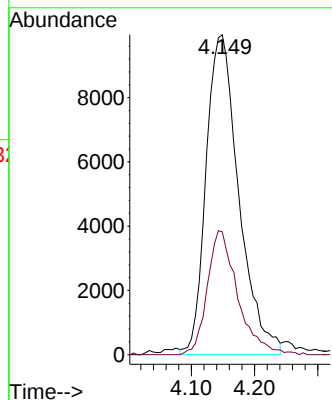
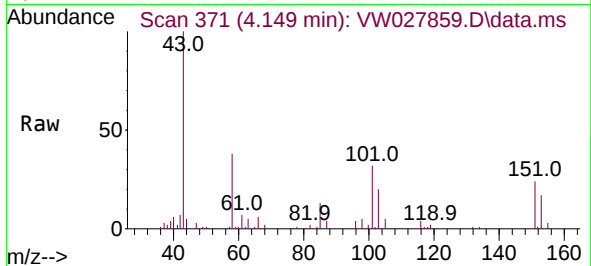
ClientSampleId :

Tgt Ion: 43 Resp: 35867

Ion Ratio Lower Upper

43 100

58 35.5 0.0 70.2



#14

Carbon disulfide

Concen: 19.402 ug/L

RT: 4.399 min Scan# 412

Delta R.T. 0.006 min

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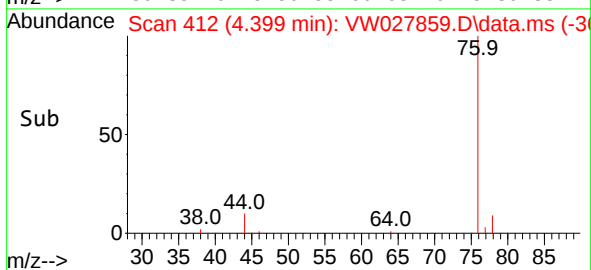
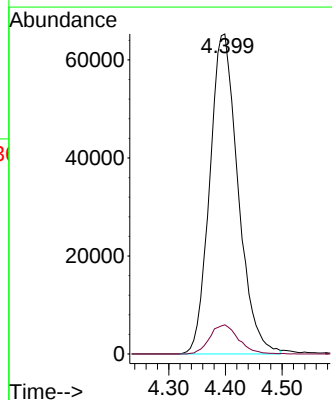
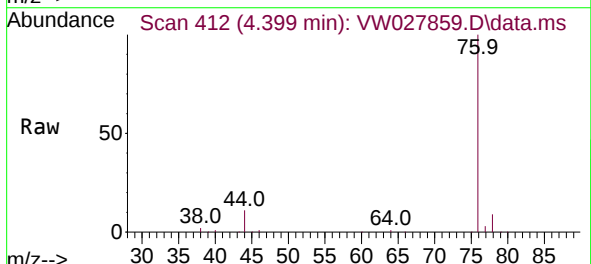
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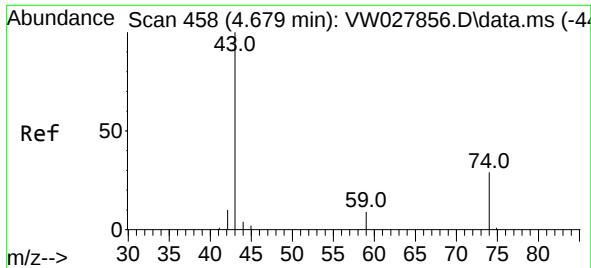
Tgt Ion: 76 Resp: 226652

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6

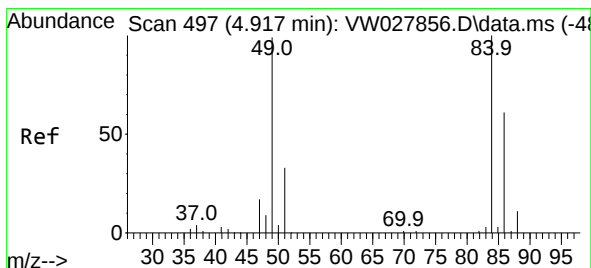
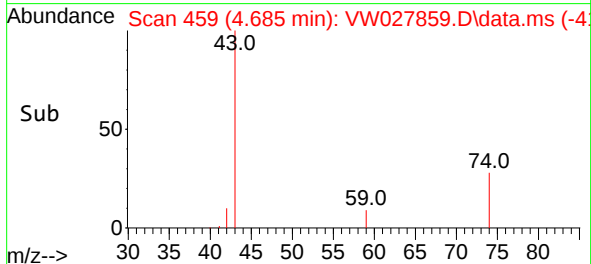
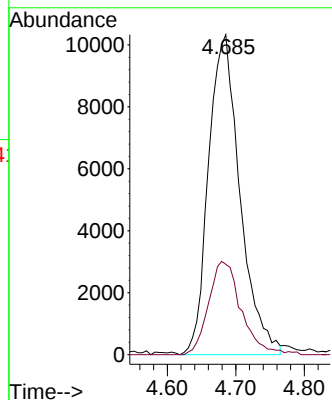
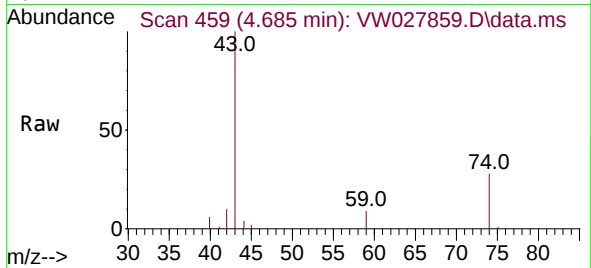




#15
Methyl Acetate
Concen: 29.396 ug/L
RT: 4.685 min Scan# 418
Delta R.T. -0.006 min
Lab File: VW027859.D
Acq: 26 Jan 2024 12:38

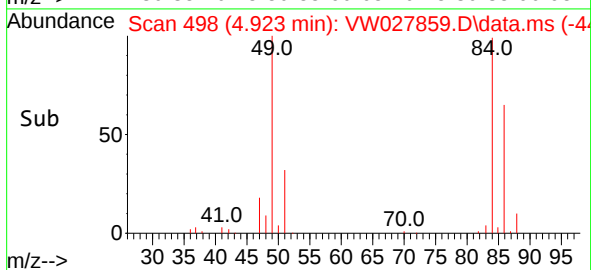
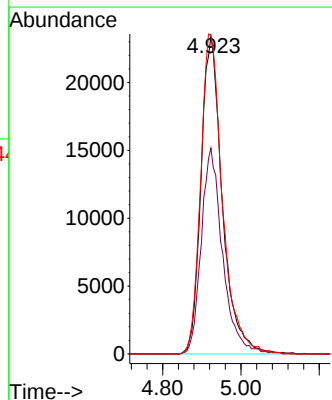
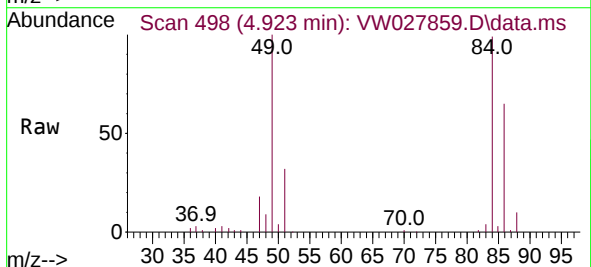
Instrument :
MSVOA_W
ClientSampleId :

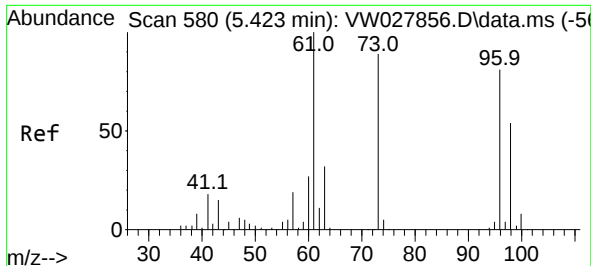
Tgt Ion: 43 Resp: 32957
Ion Ratio Lower Upper
43 100
74 30.0 21.9 32.9



#16
Methylene chloride
Concen: 19.090 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW027859.D
Acq: 26 Jan 2024 12:38

Tgt Ion: 84 Resp: 88425
Ion Ratio Lower Upper
84 100
86 64.9 43.5 80.9
49 100.7 70.3 130.5

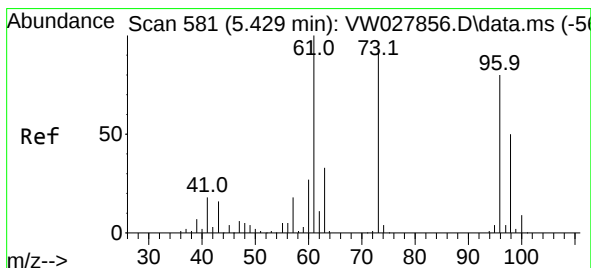
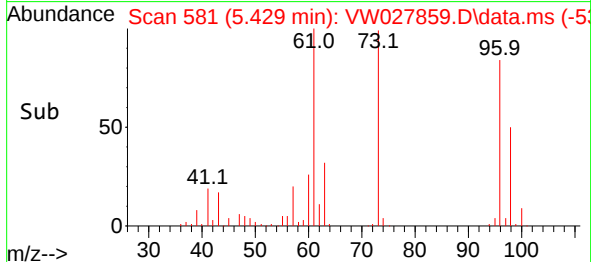
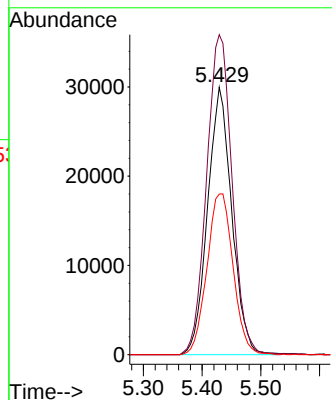
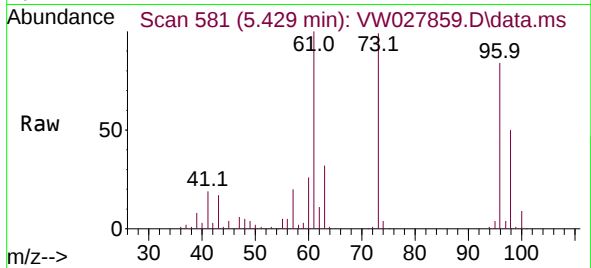




#17
trans-1,2-Dichloroethene
Concen: 21.161 ug/L
RT: 5.429 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW027859.D
Acq: 26 Jan 2024 12:38

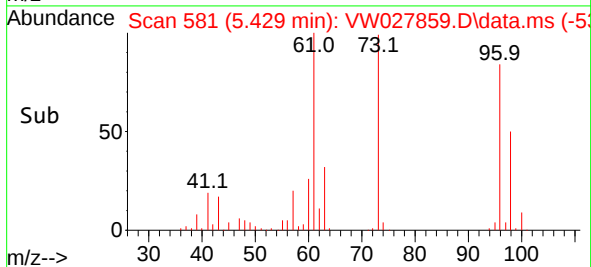
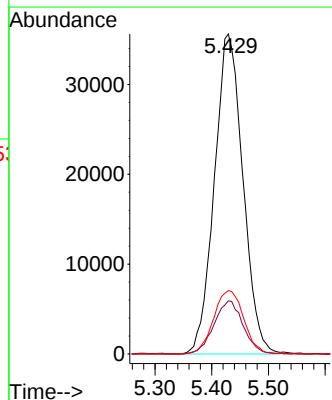
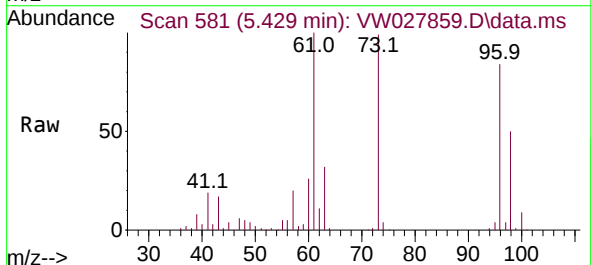
Instrument :
MSVOA_W
ClientSampleId :

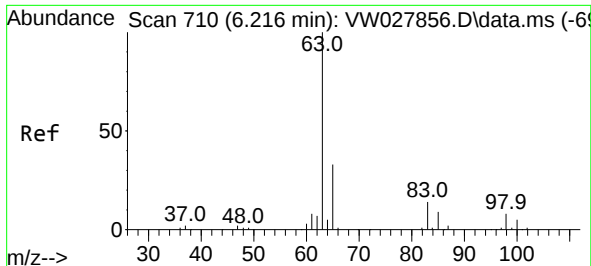
Tgt Ion: 96 Resp: 85922
Ion Ratio Lower Upper
96 100
61 119.6 85.0 157.8
98 60.0 46.3 86.1



#18
Methyl tert-butyl Ether
Concen: 25.099 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027859.D
Acq: 26 Jan 2024 12:38

Tgt Ion: 73 Resp: 124512
Ion Ratio Lower Upper
73 100
43 16.9 13.5 20.3
57 20.9 16.9 25.3





#19

1,1-Dichloroethane

Concen: 21.762 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW027859.D

Acq: 26 Jan 2024 12:38

Instrument :

MSVOA_W

ClientSampleId :

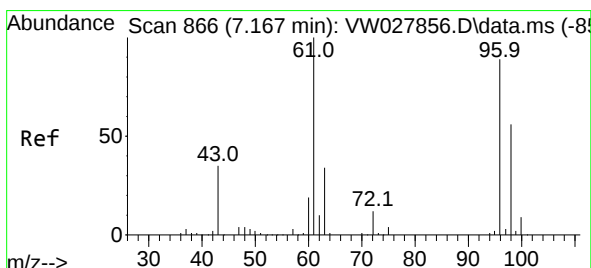
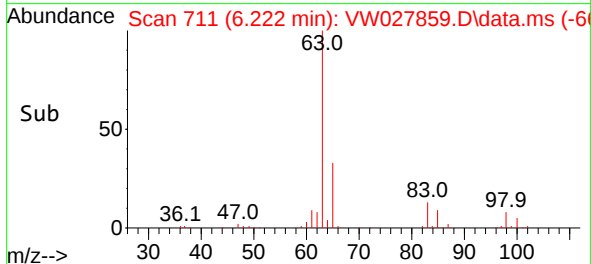
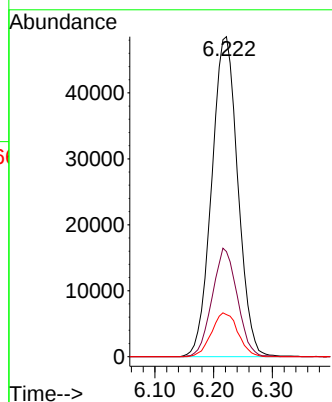
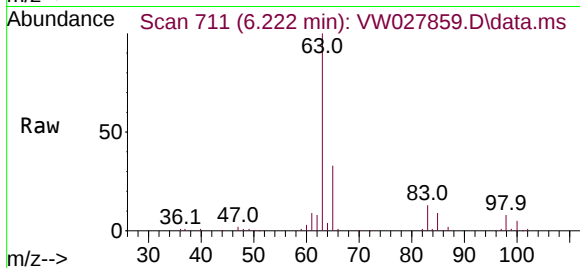
Tgt Ion: 63 Resp: 149906

Ion Ratio Lower Upper

63 100

65 32.9 21.5 39.9

83 13.1 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 22.255 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW027859.D

Acq: 26 Jan 2024 12:38

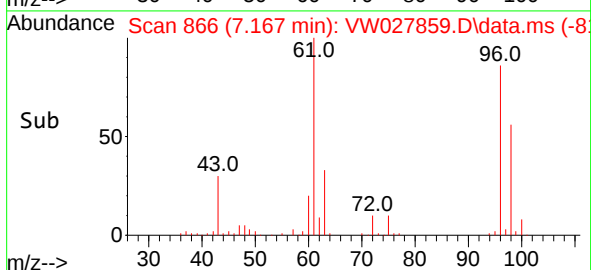
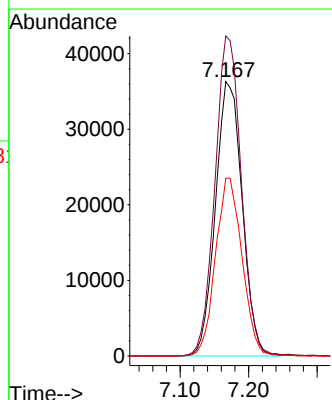
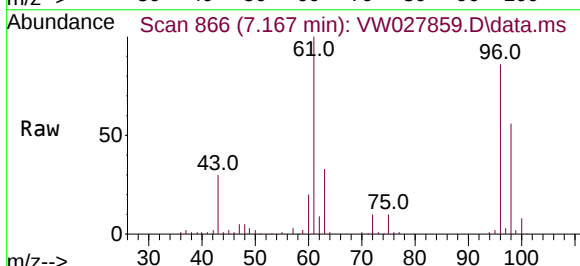
Tgt Ion: 96 Resp: 98284

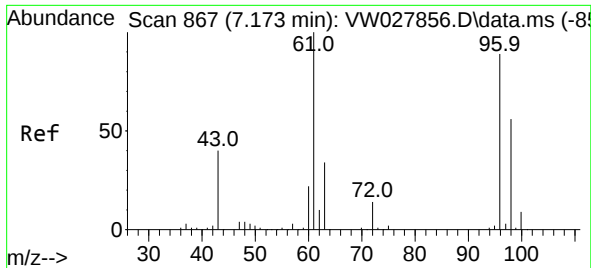
Ion Ratio Lower Upper

96 100

61 116.6 81.1 150.7

98 64.7 46.5 86.5

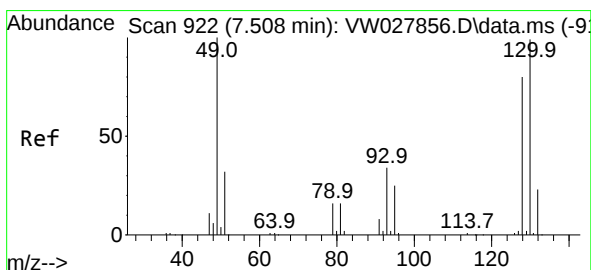
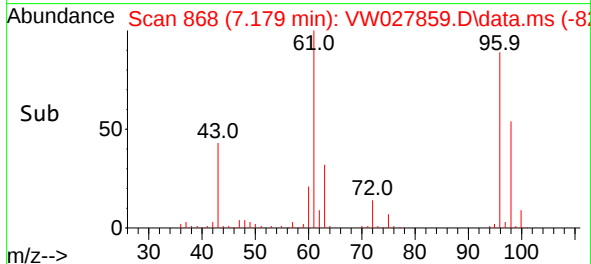
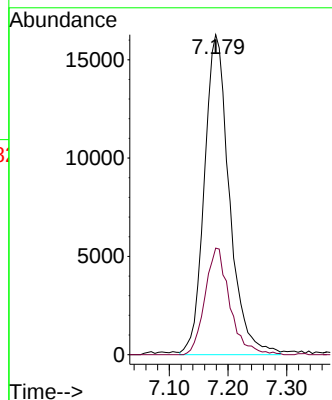
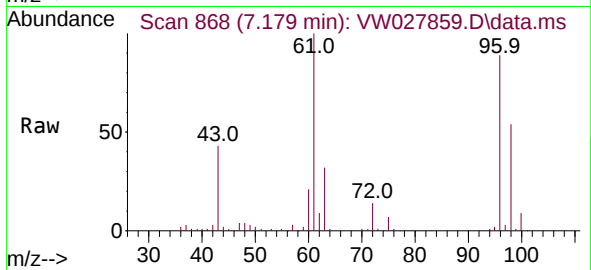




#22
2-Butanone
Concen: 60.297 ug/L
RT: 7.179 min Scan# 867
Delta R.T. -0.006 min
Lab File: VW027859.D
Acq: 26 Jan 2024 12:38

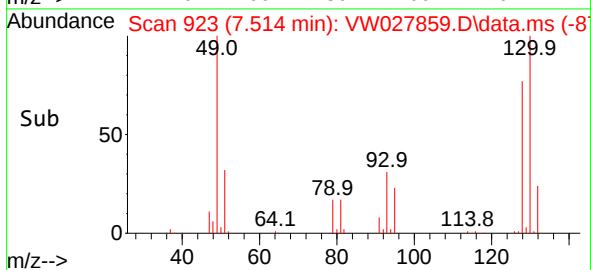
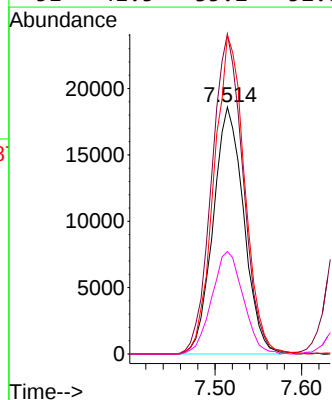
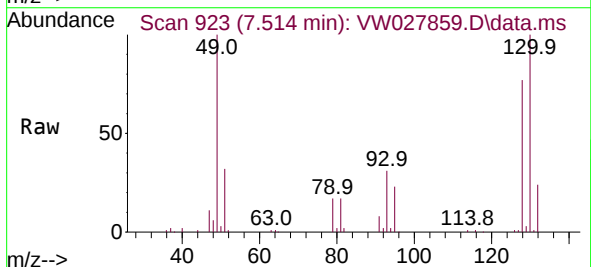
Instrument :
MSVOA_W
ClientSampleId :

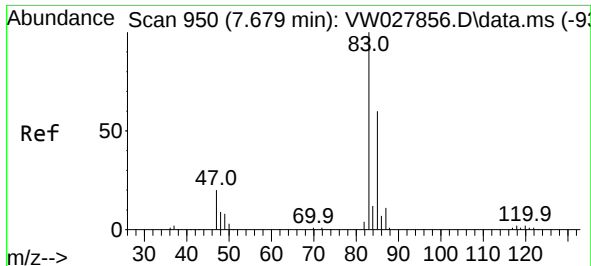
Tgt Ion: 43 Resp: 48201
Ion Ratio Lower Upper
43 100
72 31.8 16.7 50.1



#23
Bromochloromethane
Concen: 23.776 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW027859.D
Acq: 26 Jan 2024 12:38

Tgt Ion:128 Resp: 45558
Ion Ratio Lower Upper
128 100
49 129.6 89.9 166.9
130 129.1 83.3 154.7
51 41.5 35.2 52.8





#25

Chloroform

Concen: 22.784 ug/L

RT: 7.679 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW027859.D

Acq: 26 Jan 2024 12:38

Instrument :

MSVOA_W

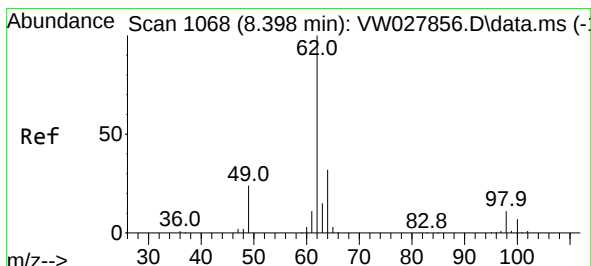
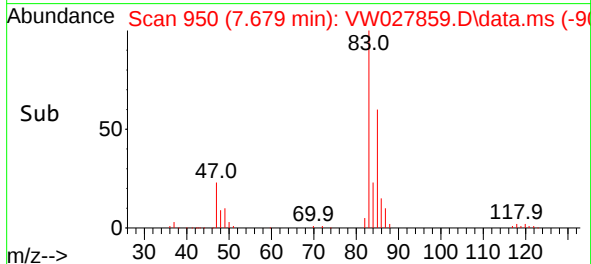
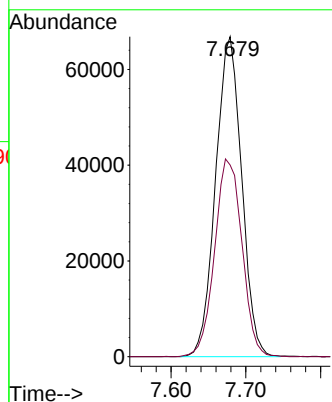
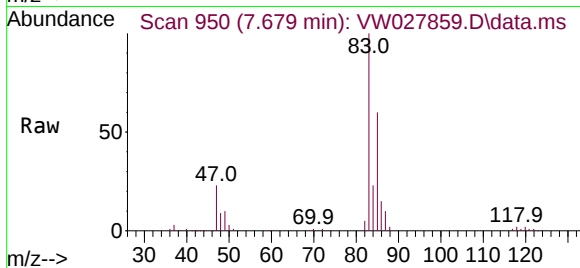
ClientSampleId :

Tgt Ion: 83 Resp: 162253

Ion Ratio Lower Upper

83 100

85 59.9 43.7 81.1



#27

1,2-Dichloroethane

Concen: 25.144 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW027859.D

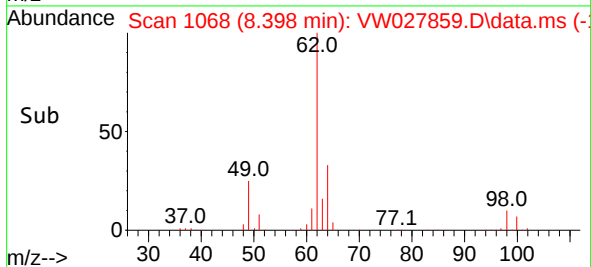
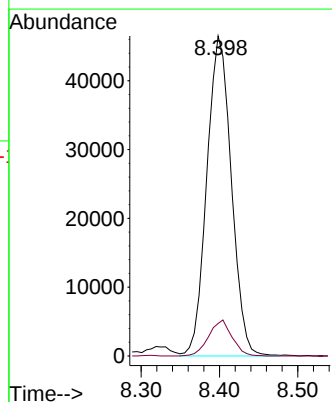
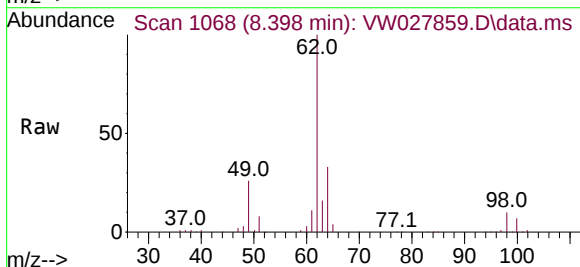
Acq: 26 Jan 2024 12:38

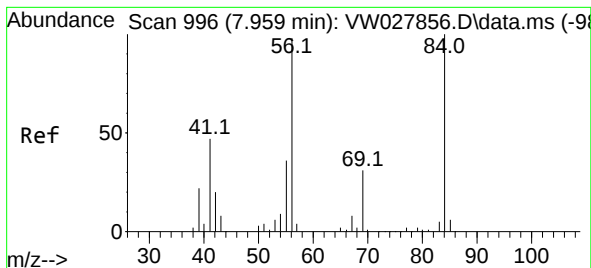
Tgt Ion: 62 Resp: 101205

Ion Ratio Lower Upper

62 100

98 10.2 8.1 12.1





#29

Cyclohexane

Concen: 20.017 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW027859.D

Acq: 26 Jan 2024 12:38

Instrument :

MSVOA_W

ClientSampleId :

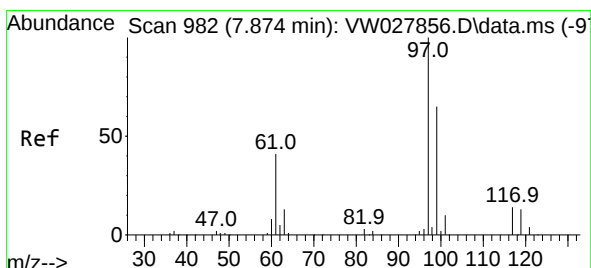
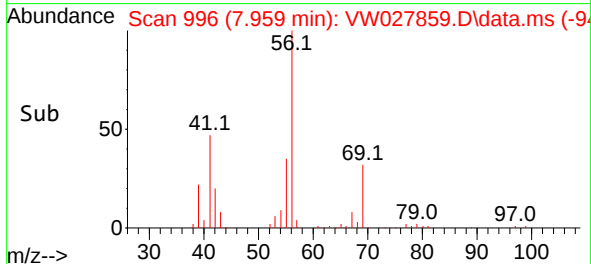
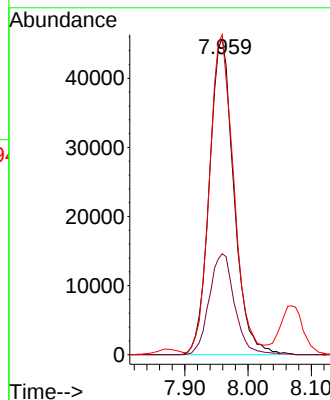
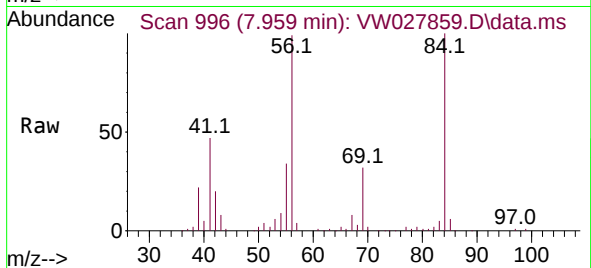
Tgt Ion: 56 Resp: 123250

Ion Ratio Lower Upper

56 100

69 32.9 25.8 38.6

84 100.7 79.0 118.4



#30

1,1,1-Trichloroethane

Concen: 20.768 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.012 min

Lab File: VW027859.D

Acq: 26 Jan 2024 12:38

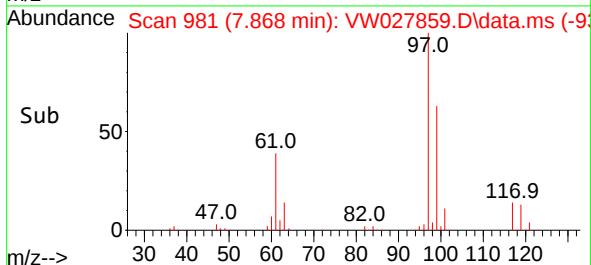
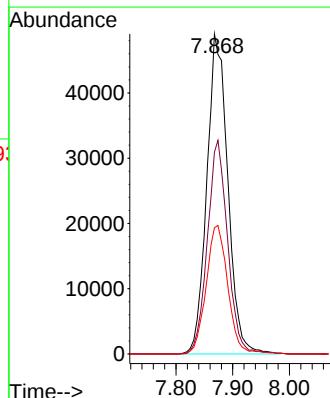
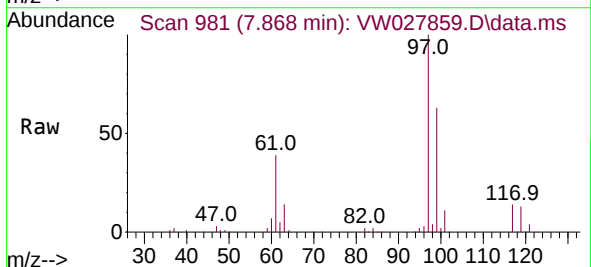
Tgt Ion: 97 Resp: 126043

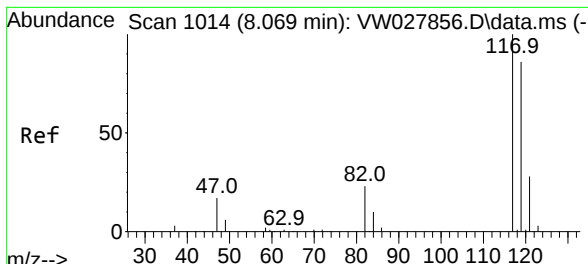
Ion Ratio Lower Upper

97 100

99 64.5 50.6 75.8

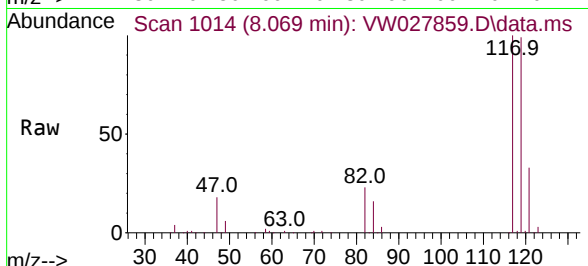
61 41.5 33.6 50.4



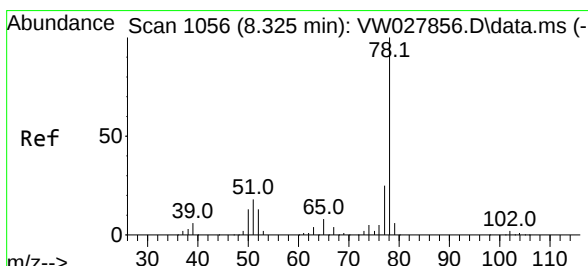
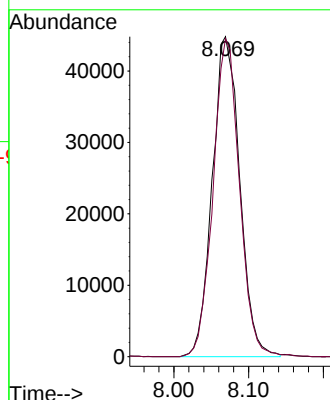
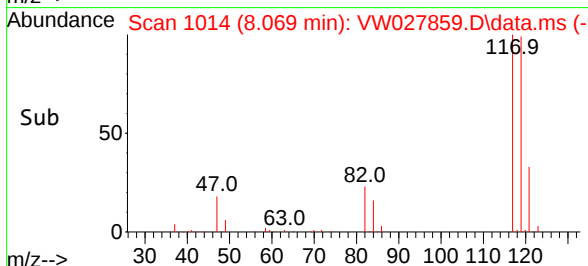


#31
Carbon tetrachloride
Concen: 21.716 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VW027859.D
Acq: 26 Jan 2024 12:38

Instrument :
MSVOA_W
ClientSampleId :

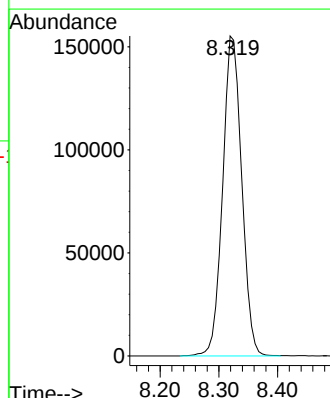
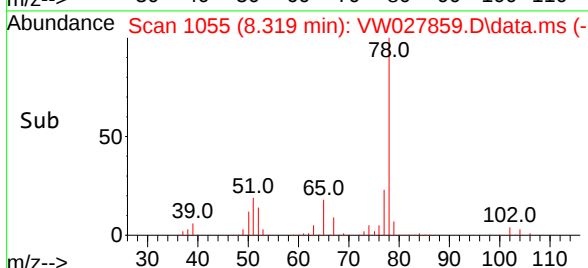
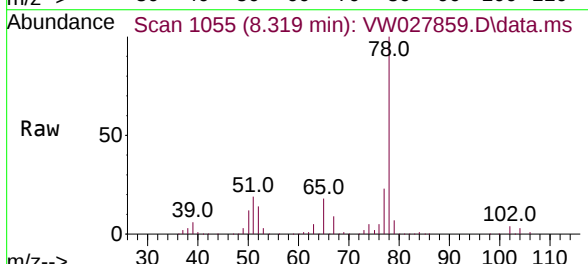


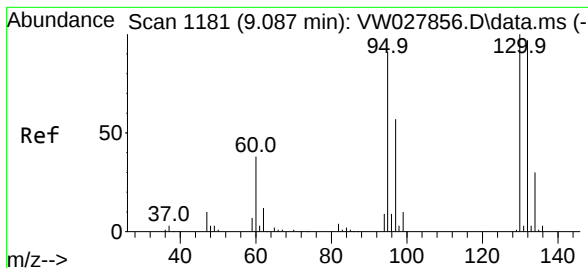
Tgt Ion:117 Resp: 114333
Ion Ratio Lower Upper
117 100
119 95.5 74.8 112.2



#33
Benzene
Concen: 20.959 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW027859.D
Acq: 26 Jan 2024 12:38

Tgt Ion: 78 Resp: 350081





#34

Trichloroethene

Concen: 20.811 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

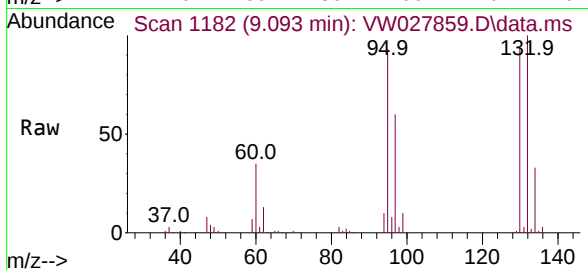
Lab File: VW027859.D

Acq: 26 Jan 2024 12:38

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 95013

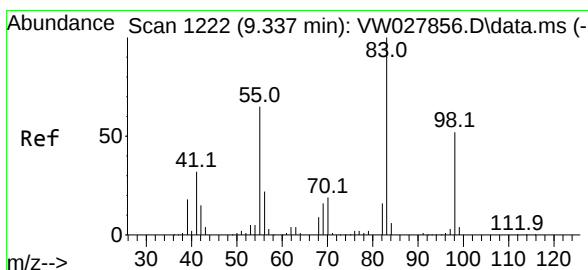
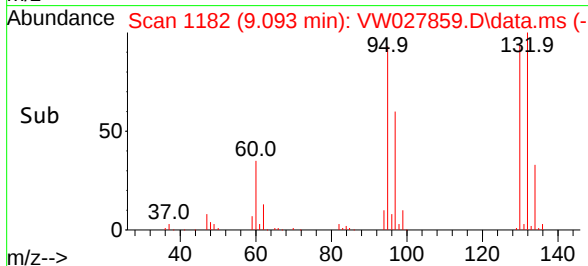
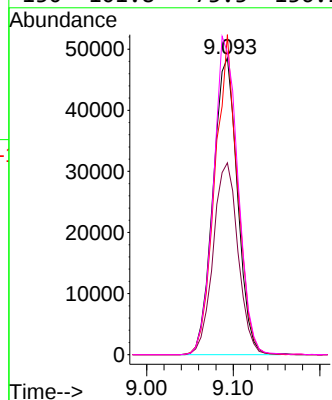
Ion Ratio Lower Upper

95 100

97 64.6 45.1 83.9

132 107.8 74.1 137.5

130 101.8 73.3 136.1



#35

Methylcyclohexane

Concen: 20.335 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW027859.D

Acq: 26 Jan 2024 12:38

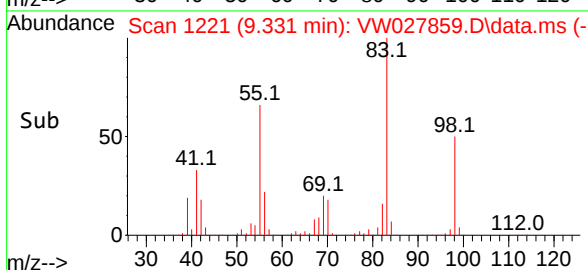
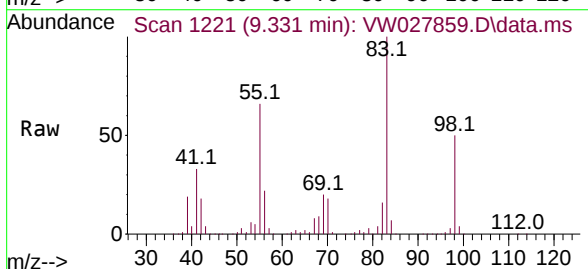
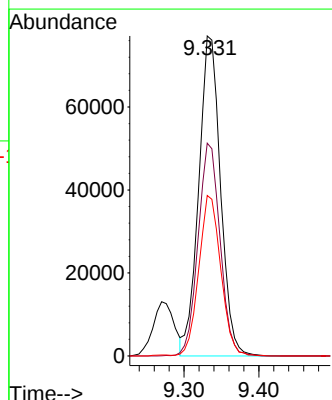
Tgt Ion: 83 Resp: 156253

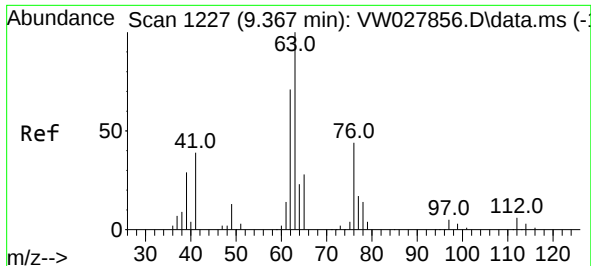
Ion Ratio Lower Upper

83 100

55 66.9 54.7 82.1

98 50.7 41.0 61.4





#37

1,2-Dichloropropane

Concen: 21.566 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027859.D

Acq: 26 Jan 2024 12:38

Instrument :

MSVOA_W

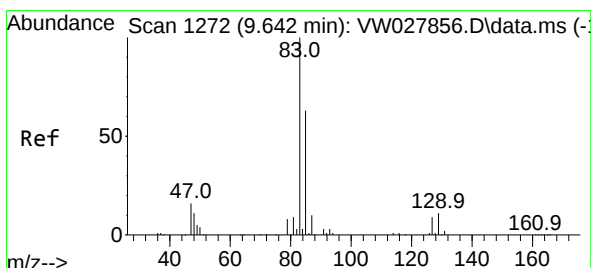
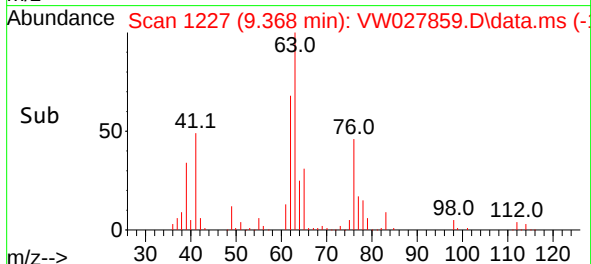
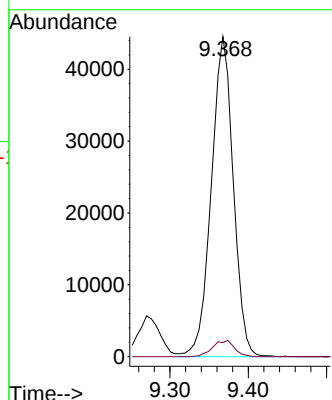
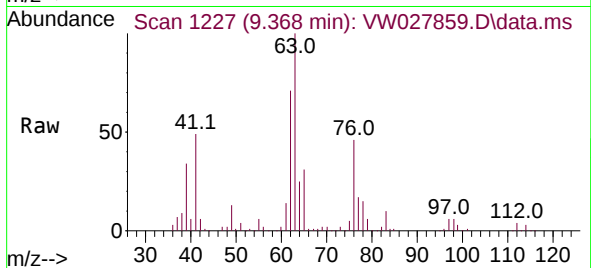
ClientSampleId :

Tgt Ion: 63 Resp: 86780

Ion Ratio Lower Upper

63 100

112 5.1 4.2 6.2



#38

Bromodichloromethane

Concen: 23.034 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027859.D

Acq: 26 Jan 2024 12:38

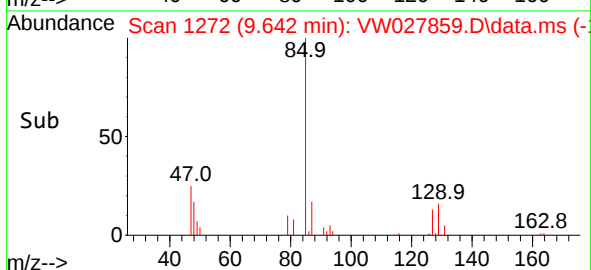
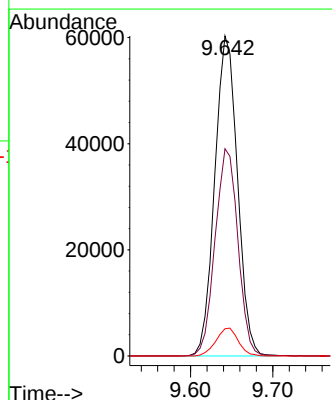
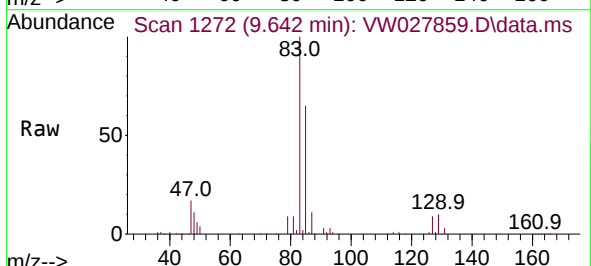
Tgt Ion: 83 Resp: 115896

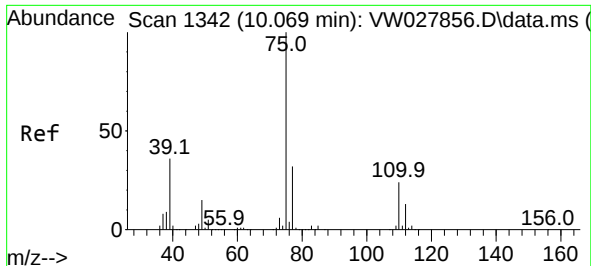
Ion Ratio Lower Upper

83 100

85 64.8 43.0 79.8

127 8.5 6.3 9.5

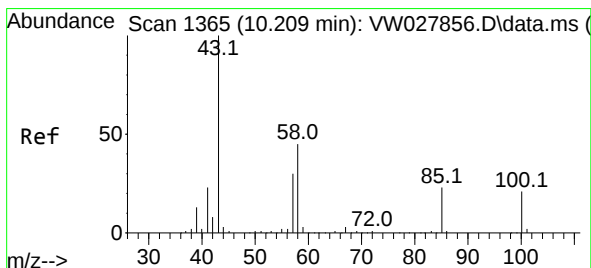
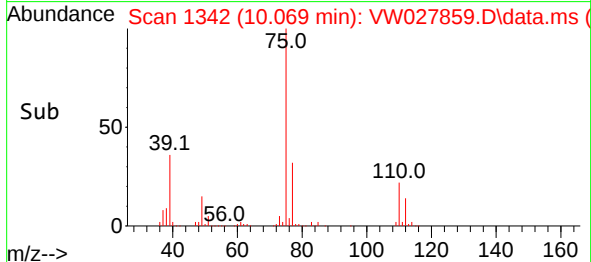
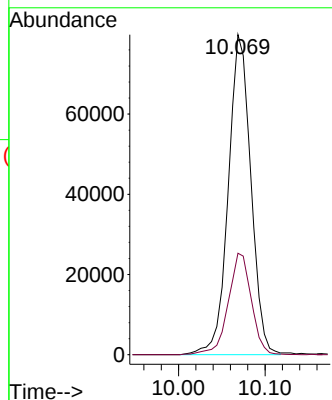
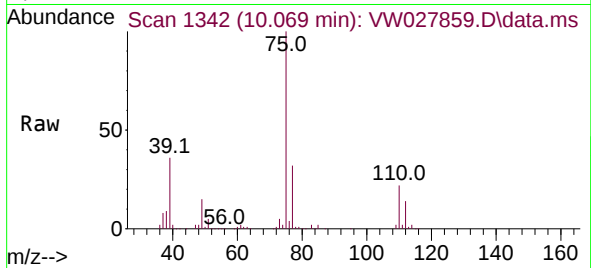




#39
cis-1,3-Dichloropropene
Concen: 23.289 ug/L
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027859.D
Acq: 26 Jan 2024 12:38

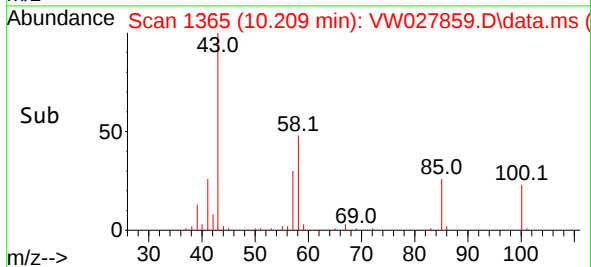
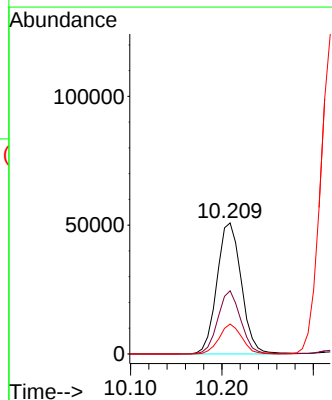
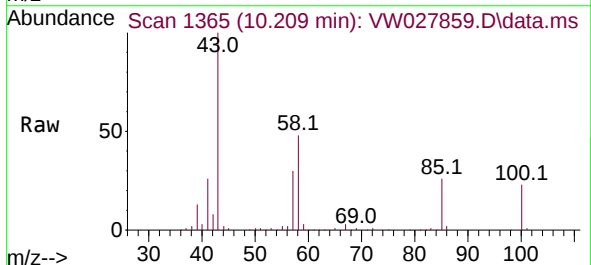
Instrument :
MSVOA_W
ClientSampleId :

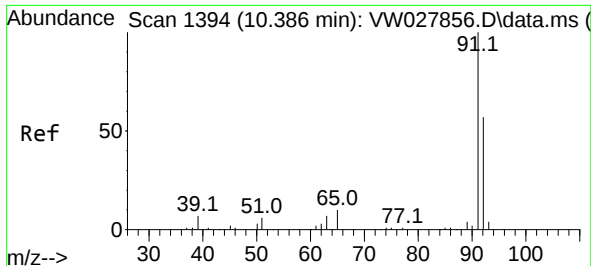
Tgt Ion: 75 Resp: 144402
Ion Ratio Lower Upper
75 100
77 31.7 21.7 40.3



#40
4-Methyl-2-pentanone
Concen: 59.999 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW027859.D
Acq: 26 Jan 2024 12:38

Tgt Ion: 43 Resp: 94175
Ion Ratio Lower Upper
43 100
58 45.4 36.9 55.3
100 21.2 16.7 25.1

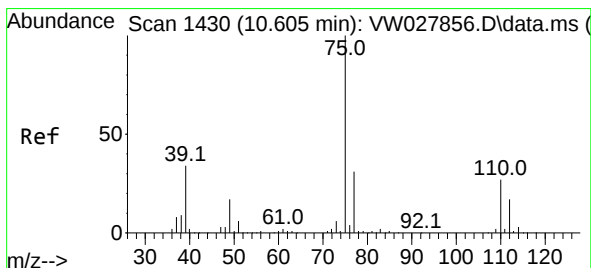
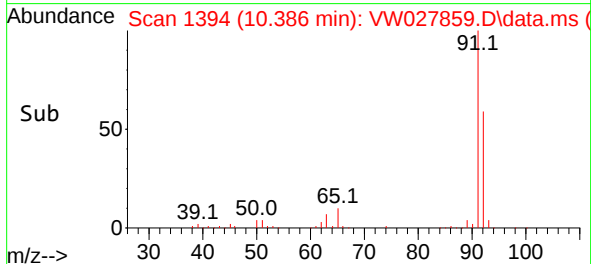
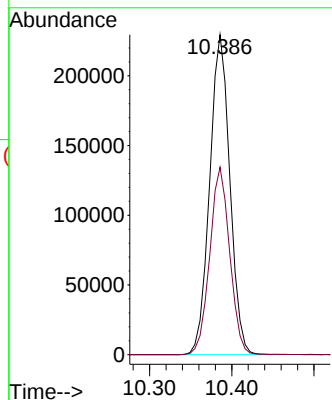
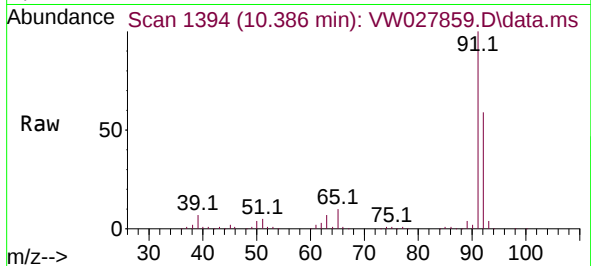




#42
Toluene
Concen: 21.495 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027859.D
Acq: 26 Jan 2024 12:38

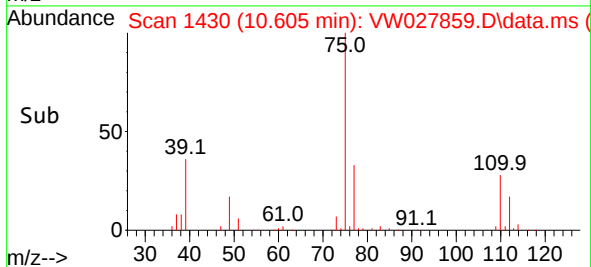
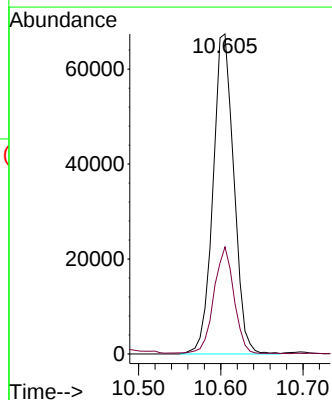
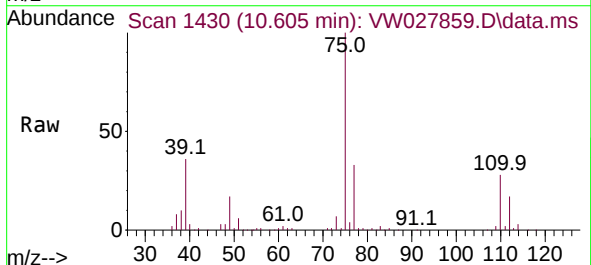
Instrument :
MSVOA_W
ClientSampleId :

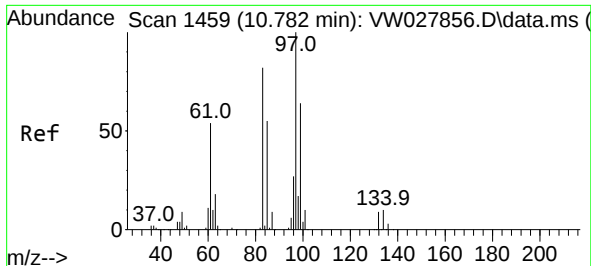
Tgt Ion: 91 Resp: 390733
Ion Ratio Lower Upper
91 100
92 58.6 43.5 80.7



#44
trans-1,3-Dichloropropene
Concen: 24.831 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027859.D
Acq: 26 Jan 2024 12:38

Tgt Ion: 75 Resp: 118847
Ion Ratio Lower Upper
75 100
77 33.4 21.8 40.4

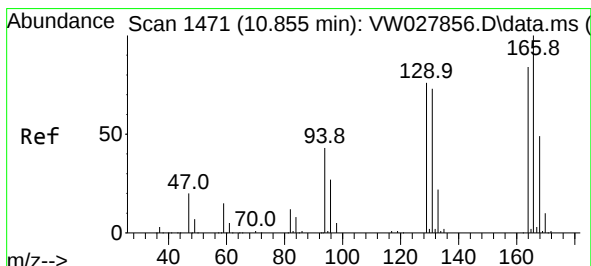
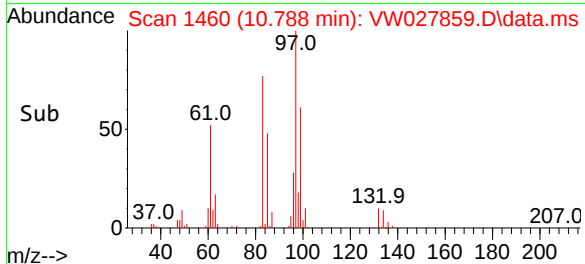
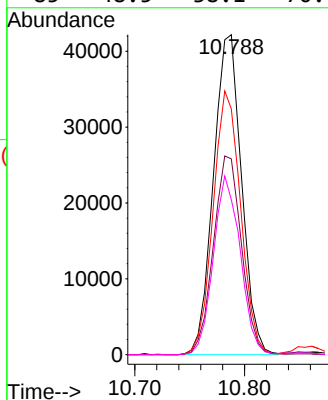
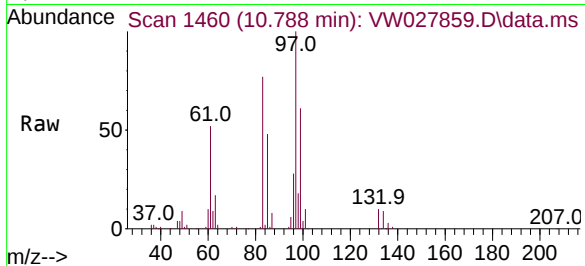




#45
1,1,2-Trichloroethane
Concen: 24.933 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW027859.D
Acq: 26 Jan 2024 12:38

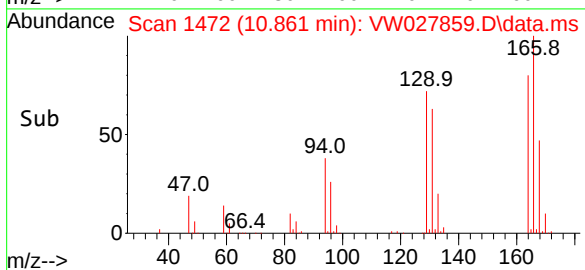
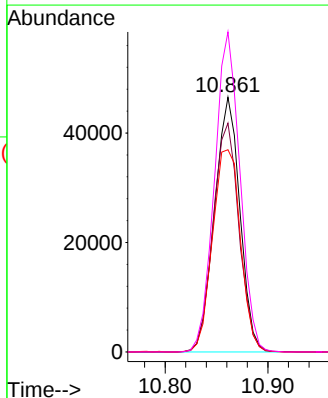
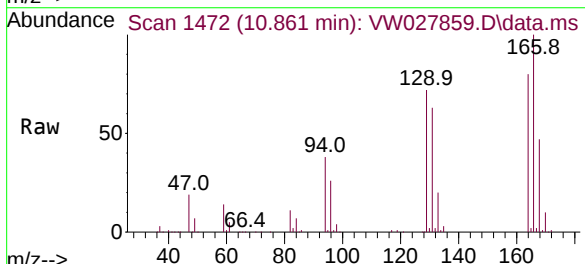
Instrument :
MSVOA_W
ClientSampleId :

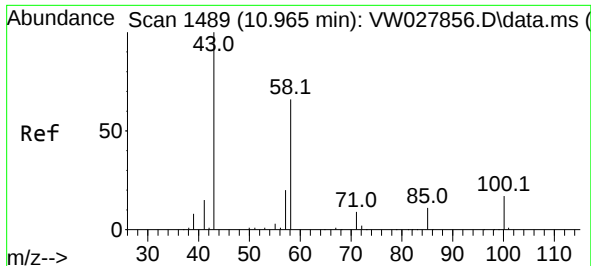
Tgt Ion: 97 Resp: 75163
Ion Ratio Lower Upper
97 100
99 61.2 42.1 78.3
83 76.8 58.4 108.4
85 48.5 38.1 70.7



#46
Tetrachloroethene
Concen: 21.423 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027859.D
Acq: 26 Jan 2024 12:38

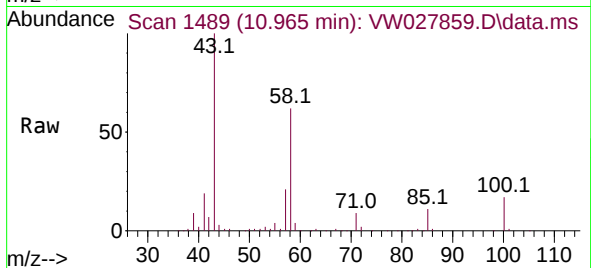
Tgt Ion:164 Resp: 79750
Ion Ratio Lower Upper
164 100
129 89.8 62.7 116.5
131 79.4 57.3 106.5
166 125.6 82.0 152.4



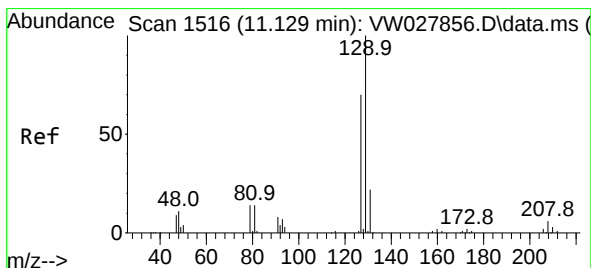
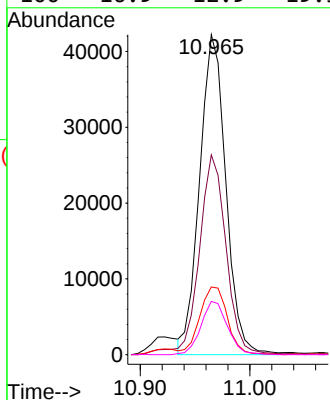
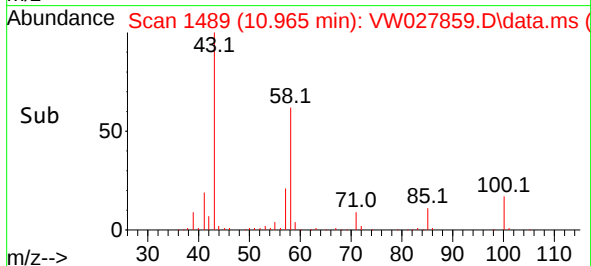


#48
2-Hexanone
Concen: 61.862 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027859.D
Acq: 26 Jan 2024 12:38

Instrument :
MSVOA_W
ClientSampleId :

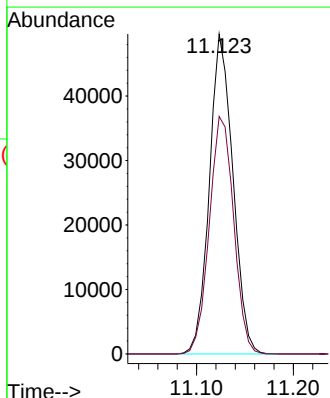
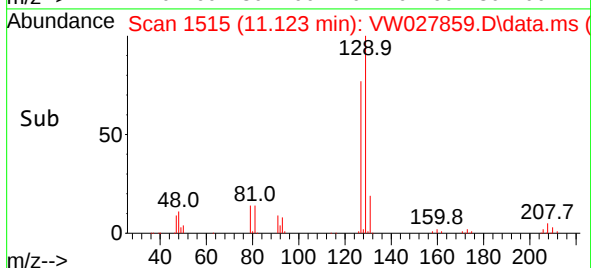
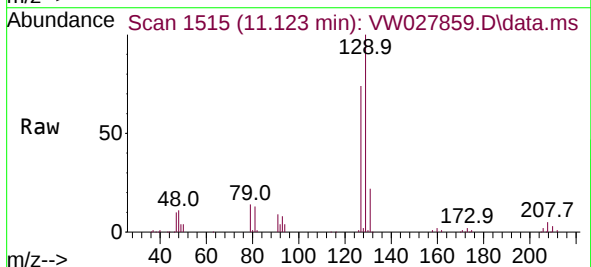


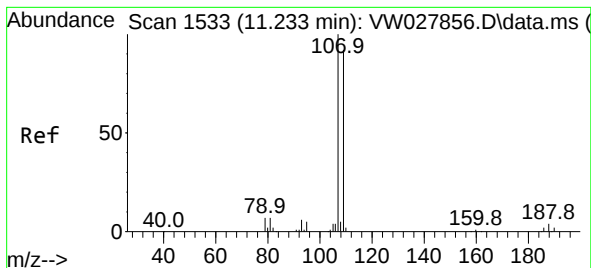
Tgt Ion: 43 Resp: 70306
Ion Ratio Lower Upper
43 100
58 61.6 49.3 73.9
57 22.4 17.0 25.4
100 16.9 12.9 19.3



#49
Dibromochloromethane
Concen: 25.450 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW027859.D
Acq: 26 Jan 2024 12:38

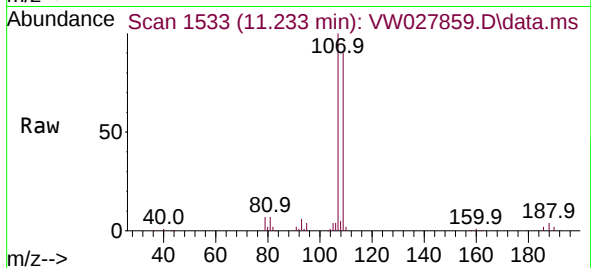
Tgt Ion: 129 Resp: 83832
Ion Ratio Lower Upper
129 100
127 74.2 51.0 94.6



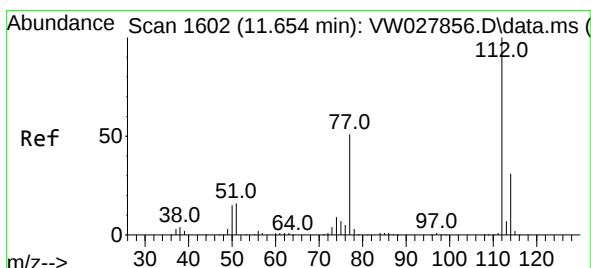
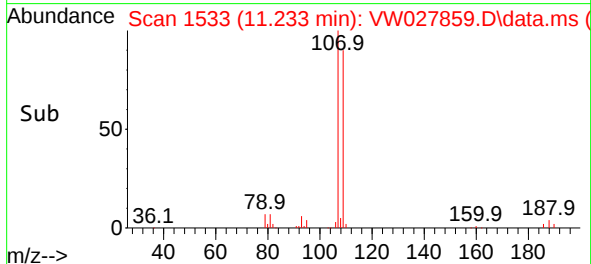
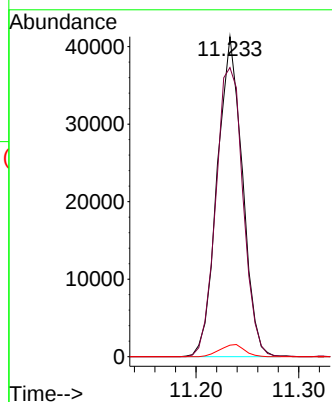


#50
1,2-Dibromoethane
Concen: 25.340 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027859.D
Acq: 26 Jan 2024 12:38

Instrument :
MSVOA_W
ClientSampleId :

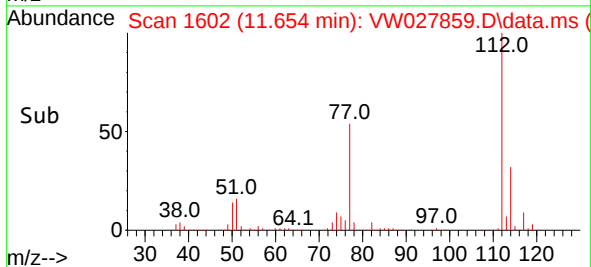
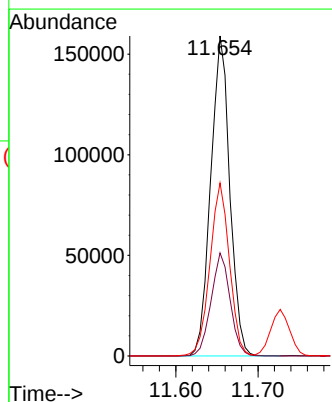
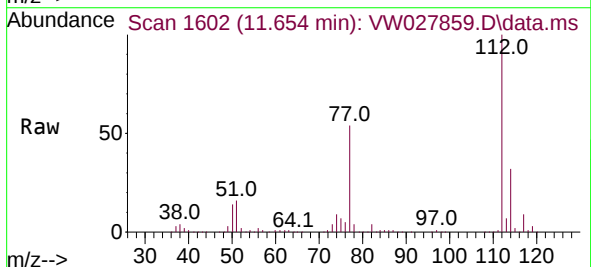


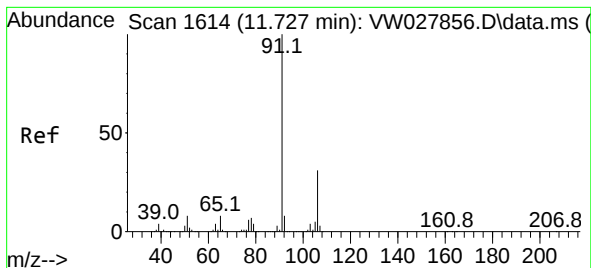
Tgt Ion:107 Resp: 70408
Ion Ratio Lower Upper
107 100
109 90.3 69.3 128.7
188 3.6 3.0 4.4



#51
Chlorobenzene
Concen: 21.344 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027859.D
Acq: 26 Jan 2024 12:38

Tgt Ion:112 Resp: 256201
Ion Ratio Lower Upper
112 100
114 32.2 21.3 39.6
77 54.1 44.5 66.7

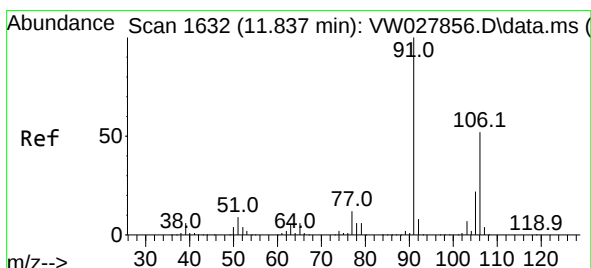
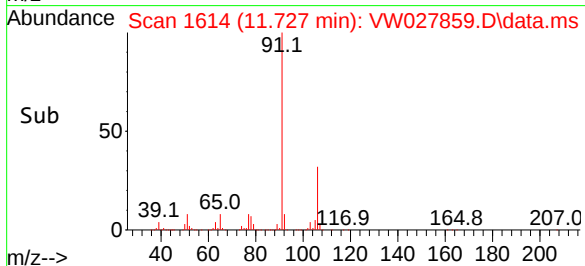
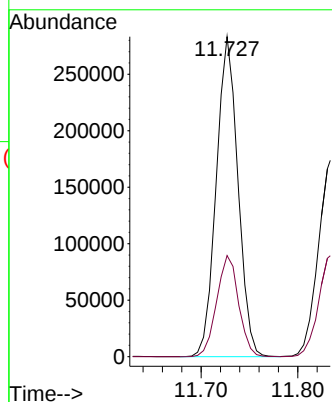
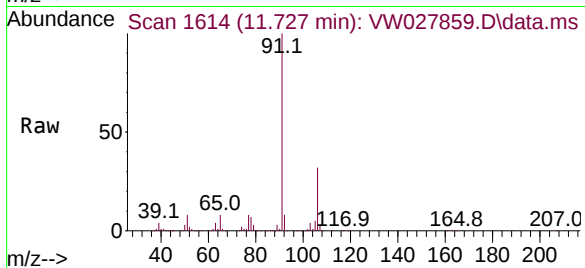




#52
Ethylbenzene
Concen: 21.505 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027859.D
Acq: 26 Jan 2024 12:38

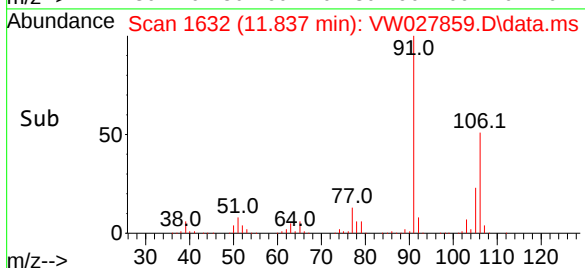
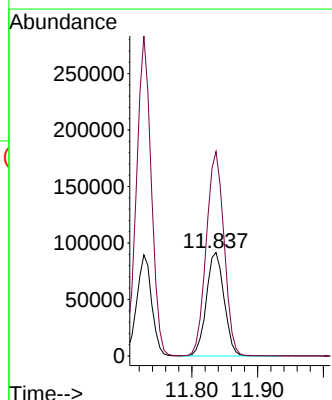
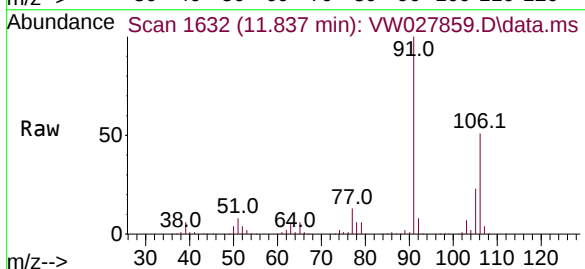
Instrument :
MSVOA_W
ClientSampleId :

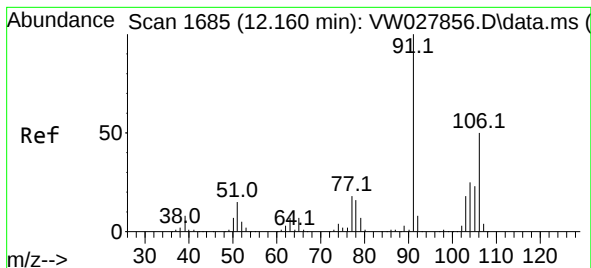
Tgt Ion: 91 Resp: 440648
Ion Ratio Lower Upper
91 100
106 31.6 23.0 42.6



#53
m,p-Xylene
Concen: 21.534 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027859.D
Acq: 26 Jan 2024 12:38

Tgt Ion:106 Resp: 171736
Ion Ratio Lower Upper
106 100
91 197.6 137.0 254.4





#54

o-Xylene

Concen: 22.198 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027859.D

Acq: 26 Jan 2024 12:38

Instrument :

MSVOA_W

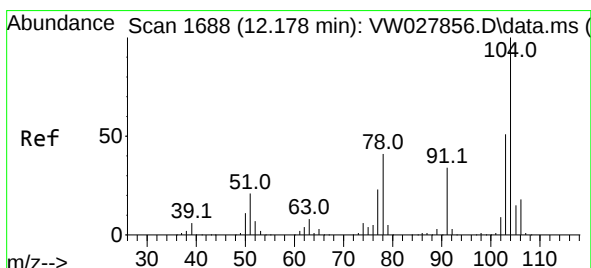
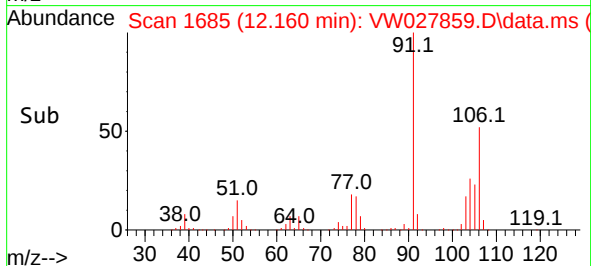
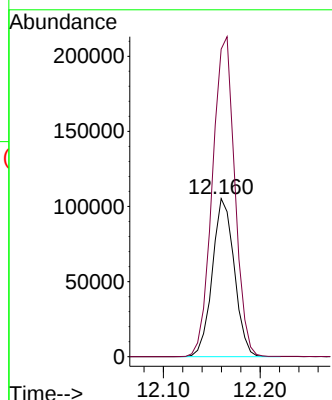
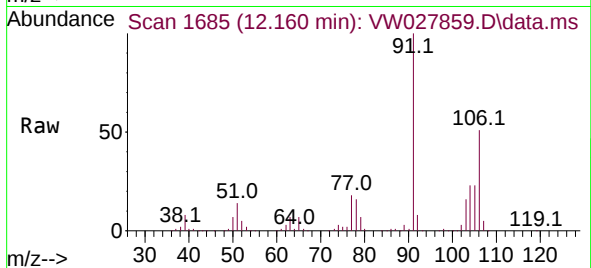
ClientSampleId :

Tgt Ion:106 Resp: 165833

Ion Ratio Lower Upper

106 100

91 194.4 146.4 271.8



#55

Styrene

Concen: 22.974 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW027859.D

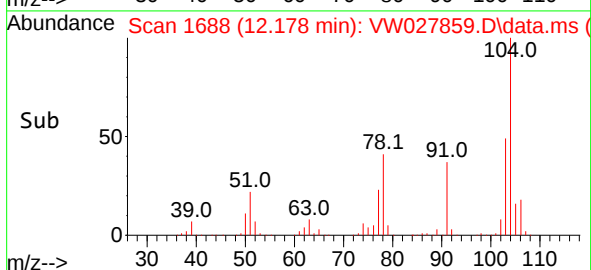
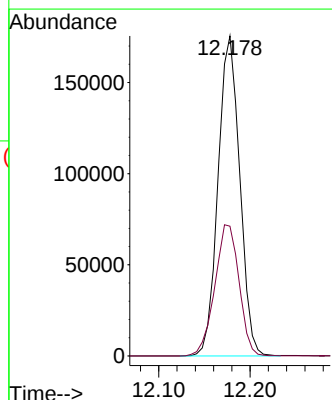
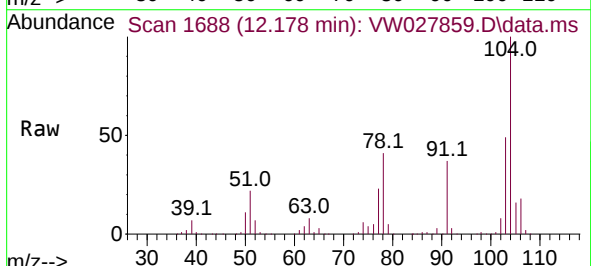
Acq: 26 Jan 2024 12:38

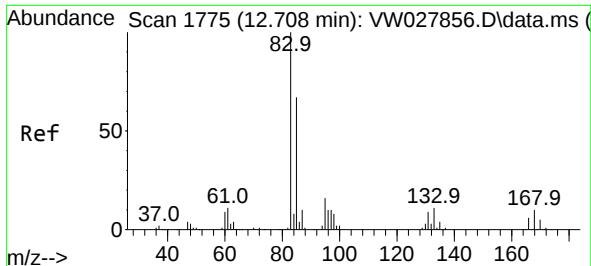
Tgt Ion:104 Resp: 289944

Ion Ratio Lower Upper

104 100

78 40.6 28.8 53.6





#57

1,1,2,2-Tetrachloroethane

Concen: 27.953 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW027859.D

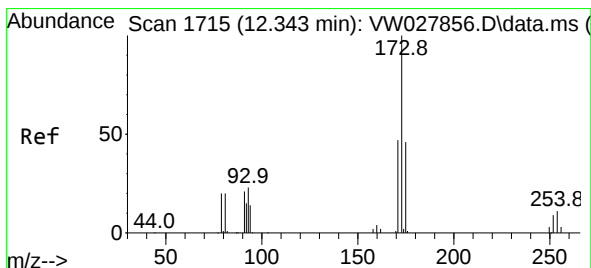
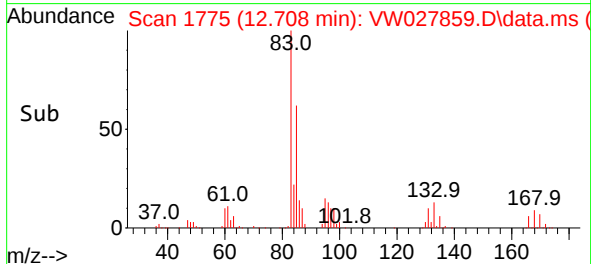
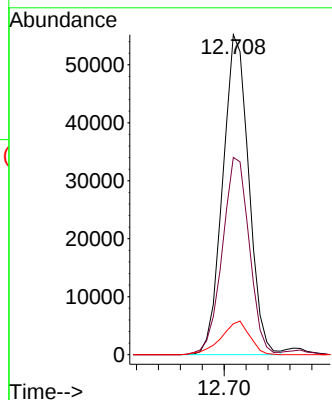
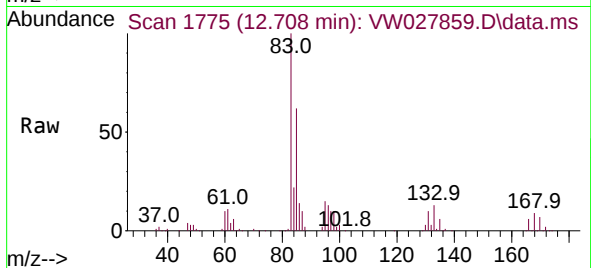
Acq: 26 Jan 2024 12:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	90851
Ion Ratio	Lower	Upper	
83	100		
85	61.7	43.2	80.2
131	9.7	8.2	12.2



#59

Bromoform

Concen: 26.601 ug/L

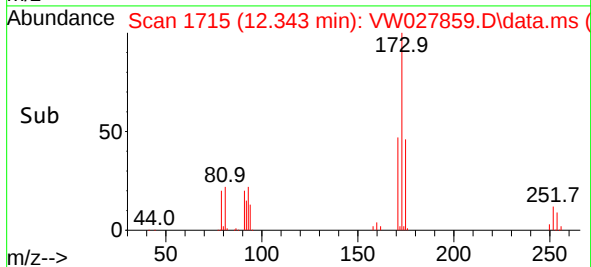
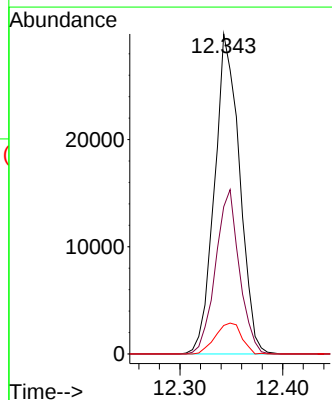
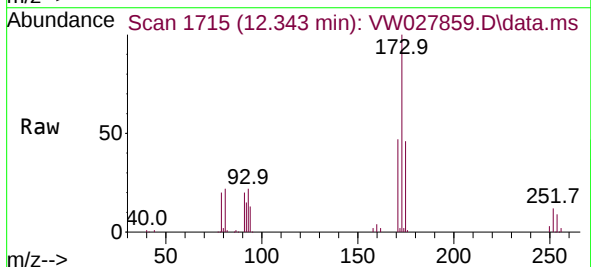
RT: 12.343 min Scan# 1715

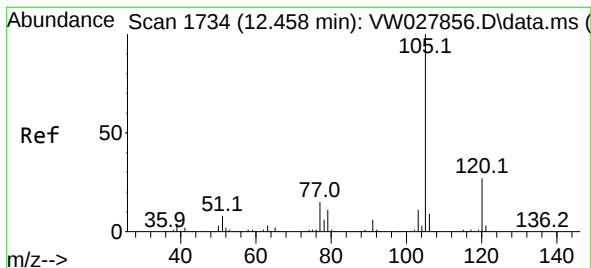
Delta R.T. 0.000 min

Lab File: VW027859.D

Acq: 26 Jan 2024 12:38

Tgt Ion:	173	Resp:	50467
Ion Ratio	Lower	Upper	
173	100		
175	48.7	35.9	53.9
254	10.1	5.1	7.7#





#60

Isopropylbenzene

Concen: 20.887 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

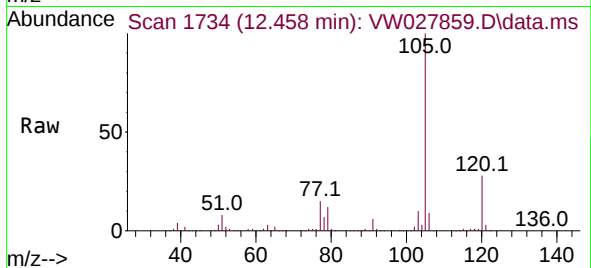
Lab File: VW027859.D

Acq: 26 Jan 2024 12:38

Instrument :

MSVOA_W

ClientSampleId :



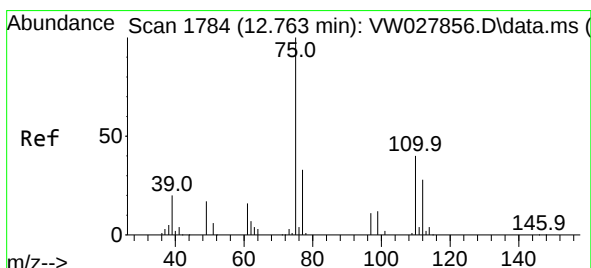
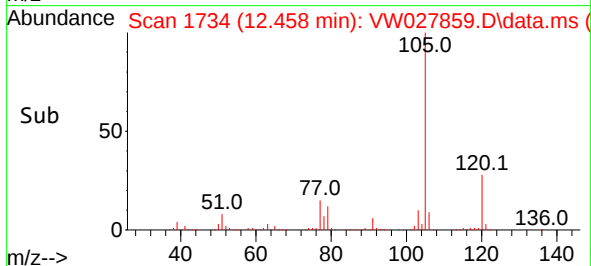
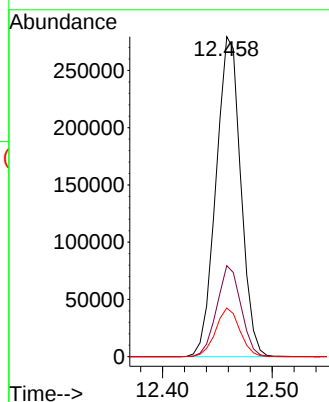
Tgt Ion:105 Resp: 438775

Ion Ratio Lower Upper

105 100

120 27.8 21.9 32.9

77 14.9 11.8 17.6



#61

1,2,3-Trichloropropane

Concen: 27.185 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW027859.D

Acq: 26 Jan 2024 12:38

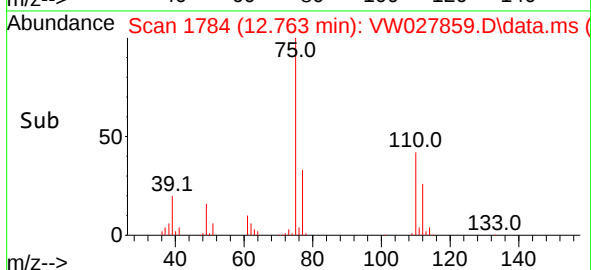
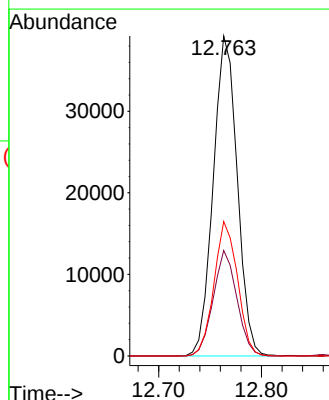
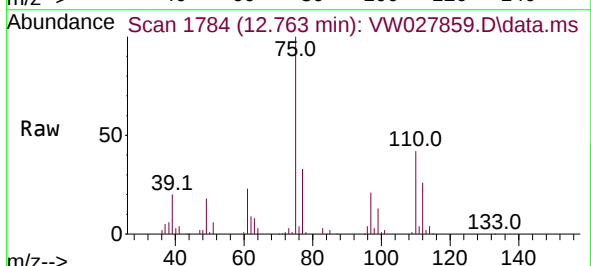
Tgt Ion: 75 Resp: 63601

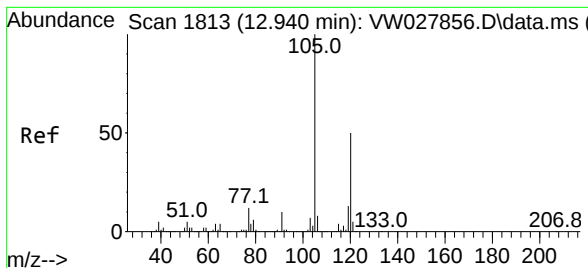
Ion Ratio Lower Upper

75 100

77 32.5 26.1 39.1

110 41.2 33.1 49.7

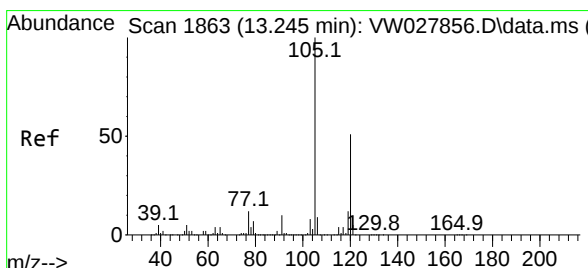
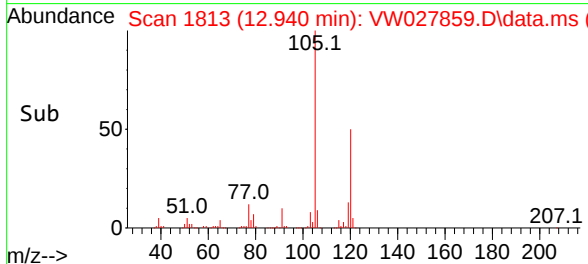
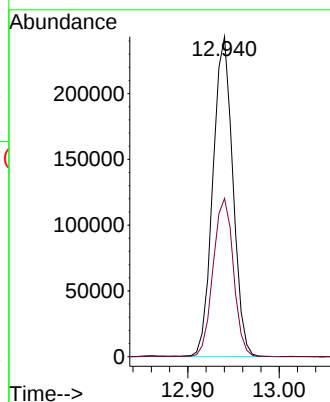
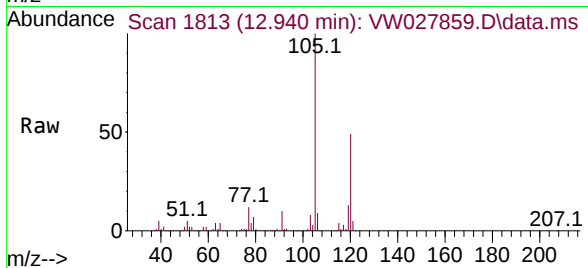




#62
 1,3,5-Trimethylbenzene
 Concen: 21.832 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW027859.D
 Acq: 26 Jan 2024 12:38

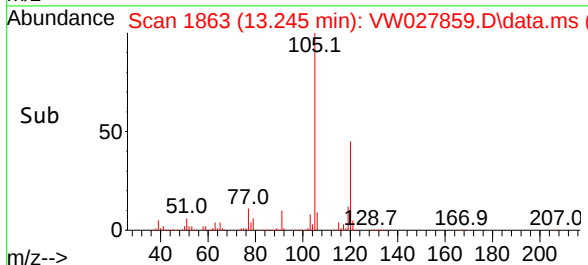
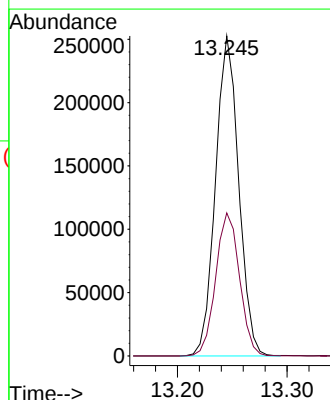
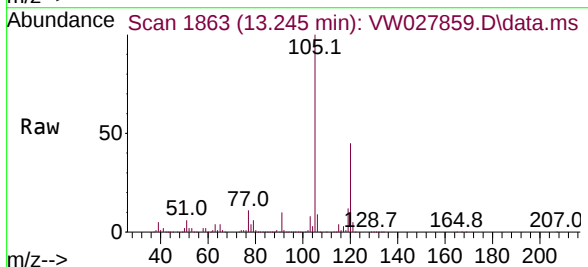
Instrument :
 MSVOA_W
 ClientSampleId :

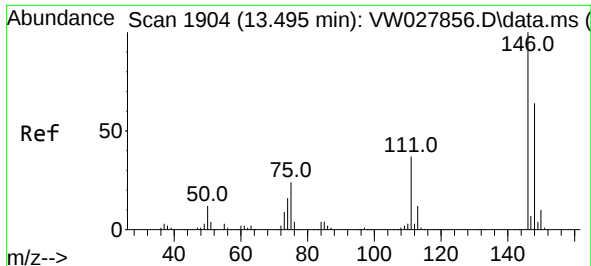
Tgt Ion:105 Resp: 368470
 Ion Ratio Lower Upper
 105 100
 120 50.4 41.2 61.8



#63
 1,2,4-Trimethylbenzene
 Concen: 22.184 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW027859.D
 Acq: 26 Jan 2024 12:38

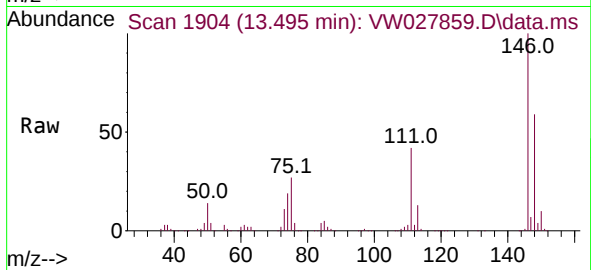
Tgt Ion:105 Resp: 371487
 Ion Ratio Lower Upper
 105 100
 120 45.9 38.2 57.2



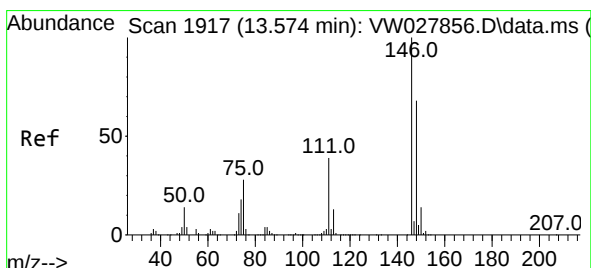
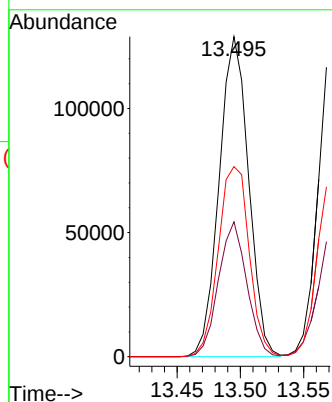
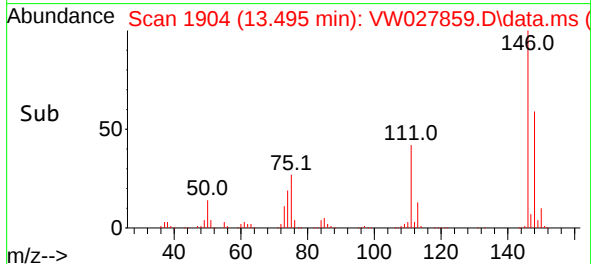


#64
1,3-Dichlorobenzene
Concen: 21.639 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027859.D
Acq: 26 Jan 2024 12:38

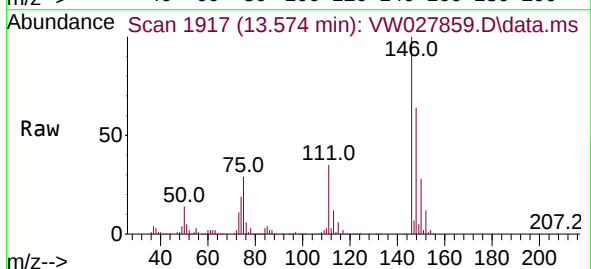
Instrument :
MSVOA_W
ClientSampleId :



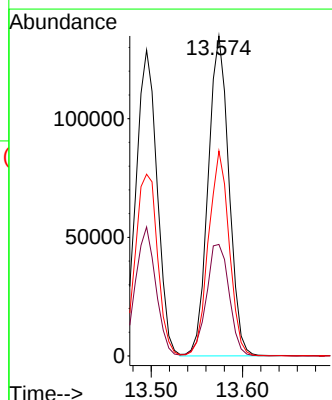
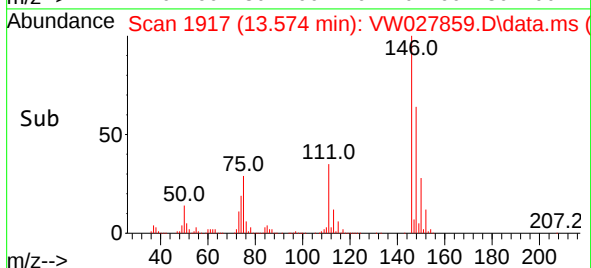
Tgt Ion:146 Resp: 208536
Ion Ratio Lower Upper
146 100
111 42.2 27.2 50.6
148 59.4 45.5 84.5

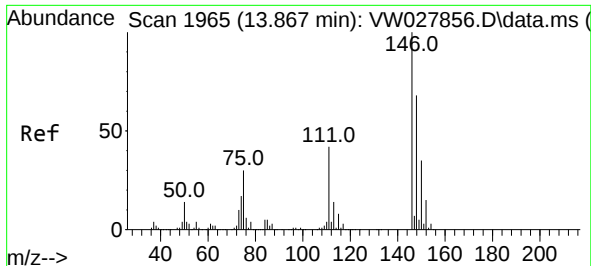


#65
1,4-Dichlorobenzene
Concen: 22.647 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027859.D
Acq: 26 Jan 2024 12:38



Tgt Ion:146 Resp: 213330
Ion Ratio Lower Upper
146 100
111 34.9 26.6 49.4
148 64.1 52.1 96.7





#67

1,2-Dichlorobenzene

Concen: 23.496 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027859.D

Acq: 26 Jan 2024 12:38

Instrument :

MSVOA_W

ClientSampleId :

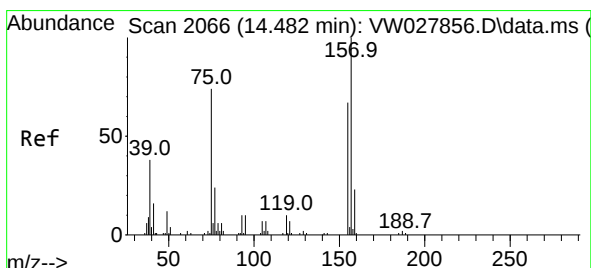
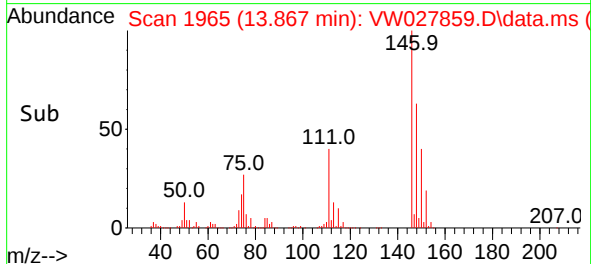
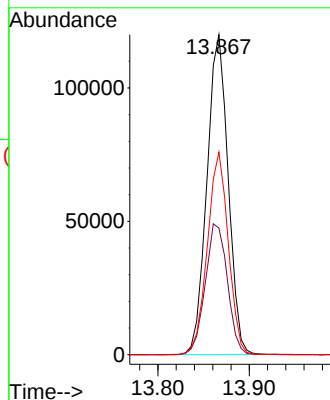
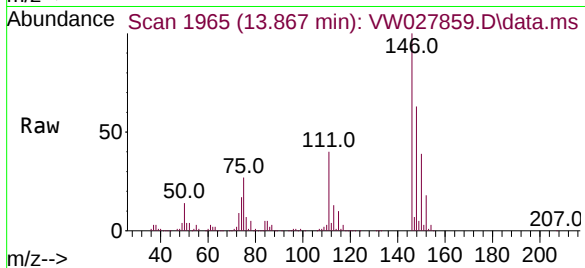
Tgt Ion:146 Resp: 192993

Ion Ratio Lower Upper

146 100

111 39.6 34.9 52.3

148 63.3 56.6 84.8



#68

1,2-Dibromo-3-chloropropane

Concen: 29.662 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW027859.D

Acq: 26 Jan 2024 12:38

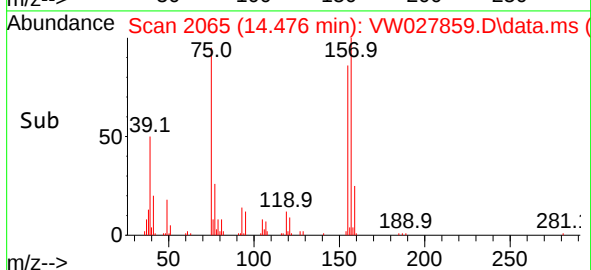
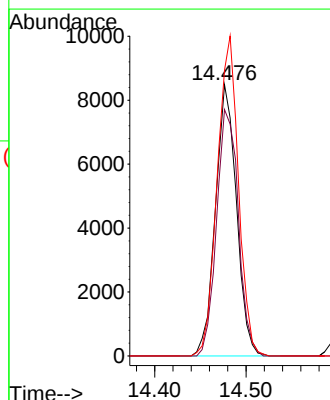
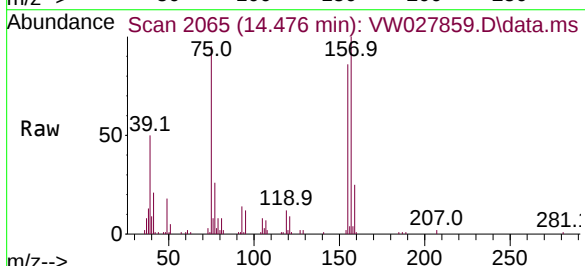
Tgt Ion: 75 Resp: 13543

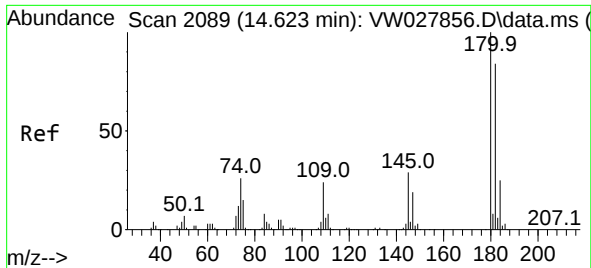
Ion Ratio Lower Upper

75 100

155 90.8 67.8 101.8

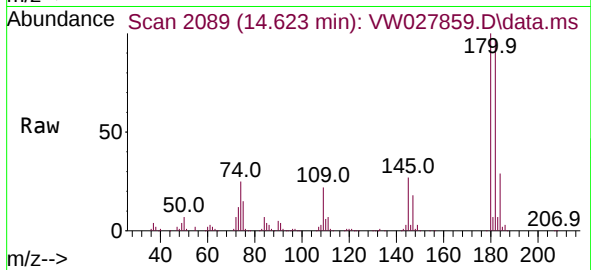
157 105.4 85.4 128.0



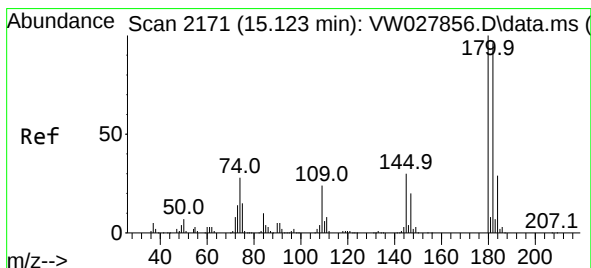
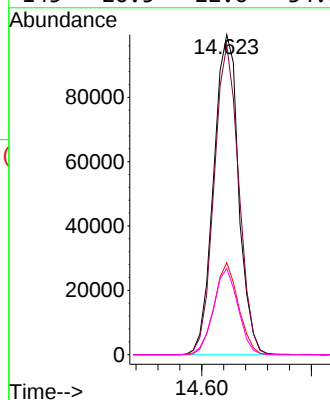
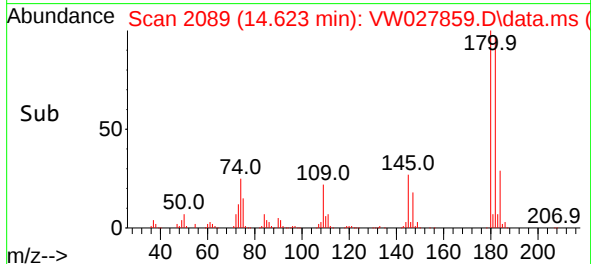


#69
 1,3,5-Trichlorobenzene
 Concen: 23.723 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW027859.D
 Acq: 26 Jan 2024 12:38

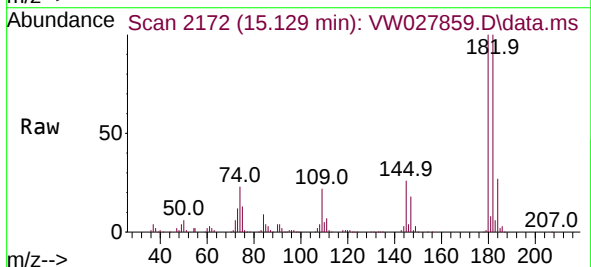
Instrument :
 MSVOA_W
 ClientSampleId :



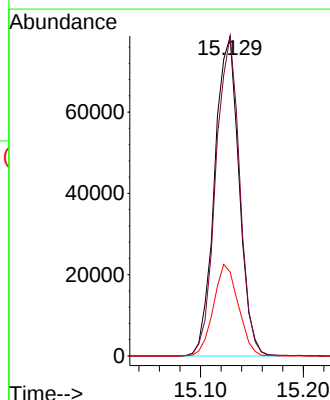
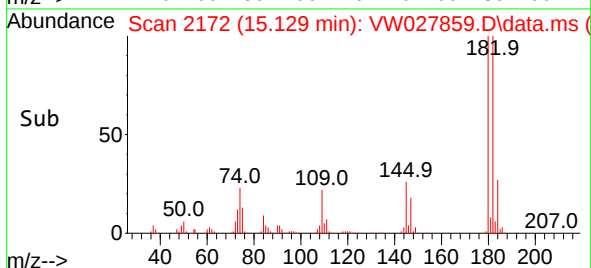
Tgt Ion:180 Resp: 157409
 Ion Ratio Lower Upper
 180 100
 182 95.5 72.6 109.0
 184 27.9 22.7 34.1
 145 26.5 22.6 34.0

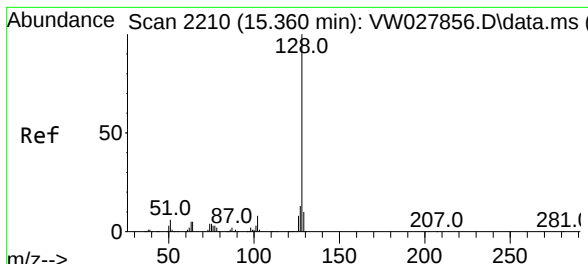


#70
 1,2,4-trichlorobenzene
 Concen: 23.821 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: VW027859.D
 Acq: 26 Jan 2024 12:38



Tgt Ion:180 Resp: 129778
 Ion Ratio Lower Upper
 180 100
 182 97.6 69.4 104.2
 145 29.2 23.4 35.2



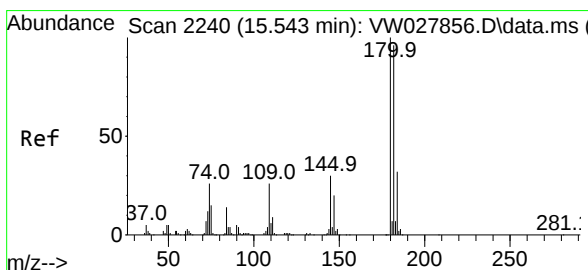
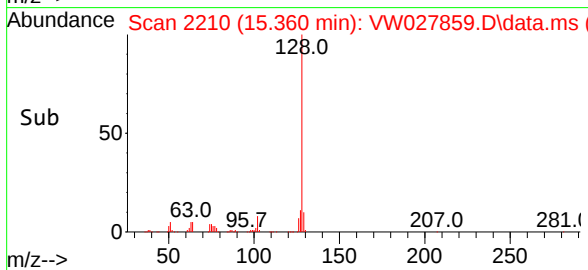
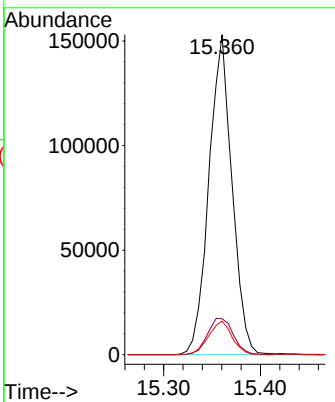
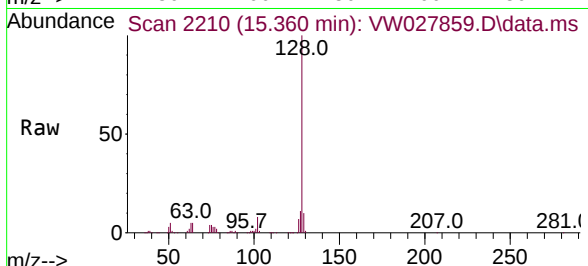


#71
Naphthalene
Concen: 28.314 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW027859.D
Acq: 26 Jan 2024 12:38

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 253395

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.6	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 24.938 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW027859.D
Acq: 26 Jan 2024 12:38

Tgt Ion:180 Resp: 114259

Ion	Ratio	Lower	Upper
180	100		
182	93.7	74.7	112.1
145	30.5	25.0	37.6

