

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010824\
 Data File : VW027829.D
 Acq On : 08 Jan 2024 14:15
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 09 03:51:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 09 03:50:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	349032	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	315953	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	157967	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	23825	5.586	ug/L	0.00
7) Chloroethane-d5	2.899	69	20307	5.438	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	10894	5.684	ug/L	0.00
21) 2-Butanone-d5	7.094	46	5950	8.397	ug/L	0.00
24) Chloroform-d	7.648	84	43879	5.202	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	19501	5.096	ug/L	0.00
32) Benzene-d6	8.276	84	94121	5.300	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	25984	5.231	ug/L	0.00
41) Toluene-d8	10.325	98	85452	5.126	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	9225	4.874	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	5601	8.638	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	17216	4.912	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.849	152	27410	4.897	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	14991	4.462	ug/L	99
3) Chloromethane	2.223	50	23469	5.196	ug/L	100
5) Vinyl chloride	2.375	62	22117	4.870	ug/L	96
6) Bromomethane	2.790	94	17820	5.014	ug/L	99
8) Chloroethane	2.936	64	15159	4.939	ug/L	97
9) Trichlorofluoromethane	3.271	101	26354	5.070	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	21246	5.025	ug/L	96
12) 1,1-Dichloroethene	4.045	96	21304	5.111	ug/L	91
13) Acetone	4.149	43	8416	9.817	ug/L	100
14) Carbon disulfide	4.393	76	65966	5.175	ug/L	99
15) Methyl Acetate	4.692	43	6013	5.054	ug/L #	89
16) Methylene chloride	4.923	84	28228	5.511	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	23124	5.206	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	27464	5.035	ug/L #	94
19) 1,1-Dichloroethane	6.216	63	38737	5.138	ug/L	94
20) cis-1,2-Dichloroethene	7.173	96	24915	5.206	ug/L	97
22) 2-Butanone	7.185	43	7921	9.056	ug/L	95
23) Bromochloromethane	7.514	128	10862	5.171	ug/L	96
25) Chloroform	7.679	83	40592	5.191	ug/L	96
27) 1,2-Dichloroethane	8.398	62	22202	5.043	ug/L	99
29) Cyclohexane	7.959	56	33291	5.179	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	33267	5.256	ug/L	99
31) Carbon tetrachloride	8.069	117	28285	5.130	ug/L	94
33) Benzene	8.325	78	92381	5.309	ug/L	100
34) Trichloroethene	9.093	95	25412	5.332	ug/L	96
35) Methylcyclohexane	9.331	83	41675	5.200	ug/L	98
37) 1,2-Dichloropropane	9.368	63	21882	5.232	ug/L #	92
38) Bromodichloromethane	9.642	83	26714	5.097	ug/L #	89
39) cis-1,3-Dichloropropene	10.075	75	32081	4.944	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	15531	9.463	ug/L	98
42) Toluene	10.386	91	98823	5.186	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	23397	4.680	ug/L	98

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Instrument :
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 ClientSampleId :

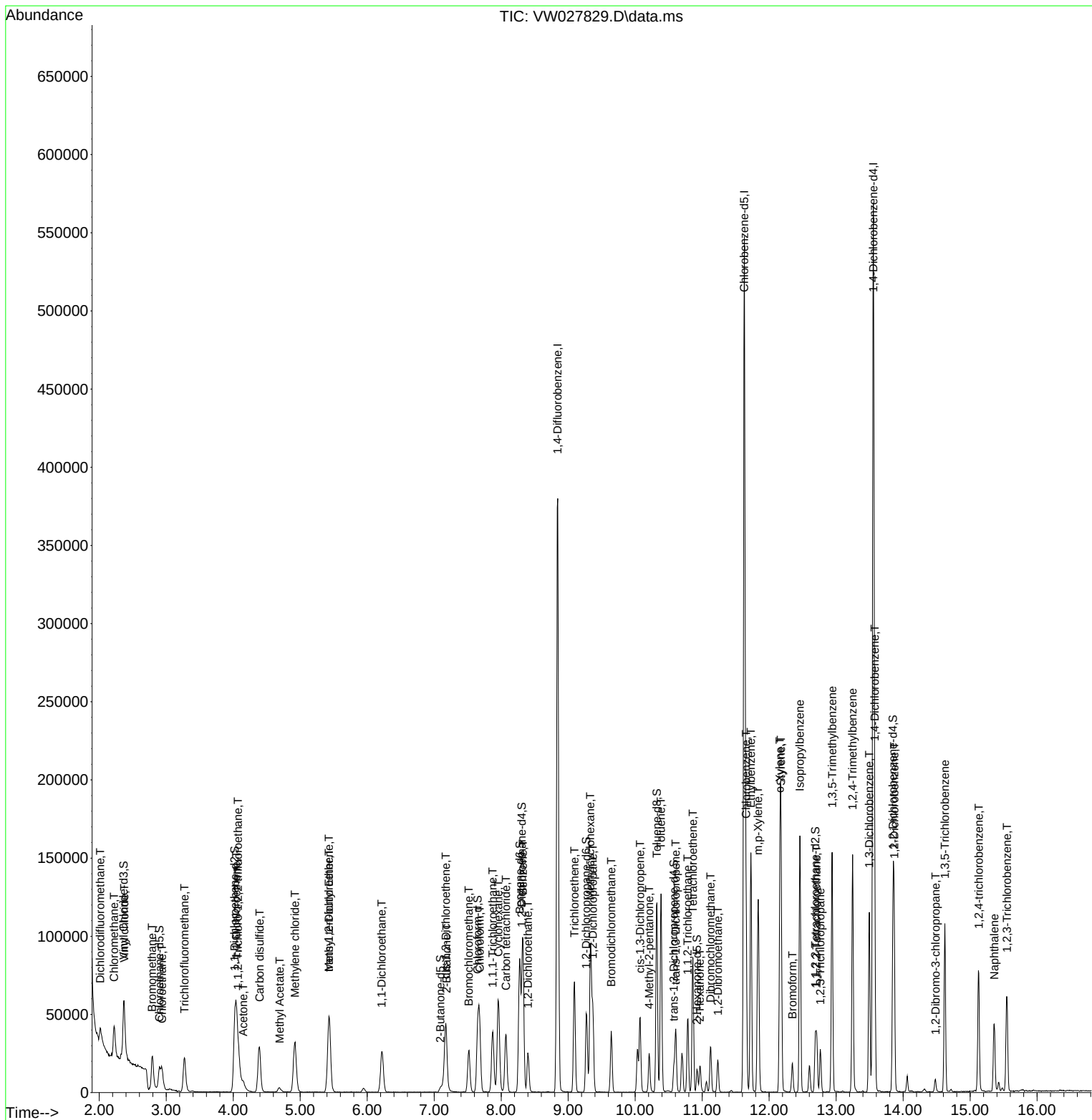
Quant Time: Jan 09 03:51:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 09 03:50:03 2024
 Response via : Initial Calibration

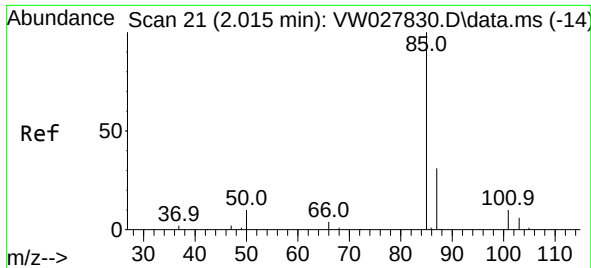
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.782	97	15742	5.022	ug/L	96
46) Tetrachloroethene	10.861	164	19430	5.063	ug/L	89
48) 2-Hexanone	10.965	43	10878	9.059	ug/L	99
49) Dibromochloromethane	11.123	129	16354	4.799	ug/L	86
50) 1,2-Dibromoethane	11.233	107	14227	4.955	ug/L	87
51) Chlorobenzene	11.654	112	62821	5.018	ug/L	93
52) Ethylbenzene	11.727	91	108827	5.073	ug/L	100
53) m,p-Xylene	11.837	106	42473	5.115	ug/L	99
54) o-Xylene	12.160	106	38995	5.005	ug/L	99
55) Styrene	12.178	104	65835	4.982	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	16610	4.876	ug/L	98
59) Bromoform	12.349	173	8967	4.606	ug/L #	95
60) Isopropylbenzene	12.459	105	109474	5.033	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	11603	4.799	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	85447	4.948	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	83977	4.874	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	49264	4.996	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	50010	5.148	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	42760	4.975	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	2101	4.521	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.623	180	34295	4.980	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	26903	4.821	ug/L	94
71) Naphthalene	15.360	128	40786	4.391	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	21864	4.636	ug/L	96

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

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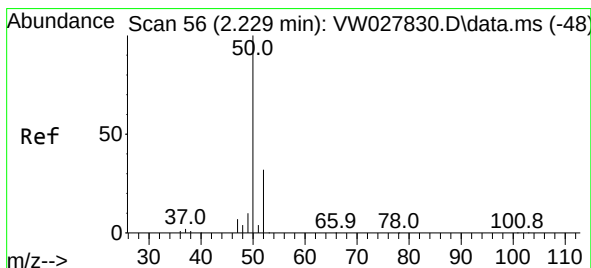
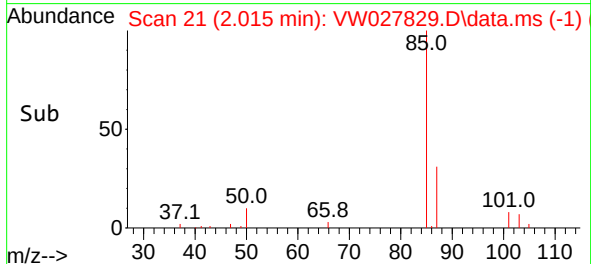
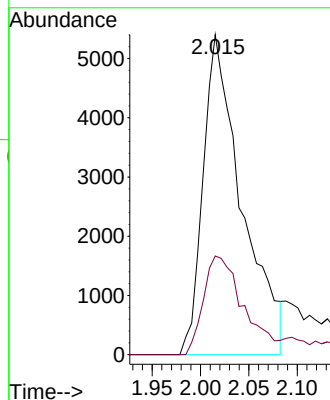
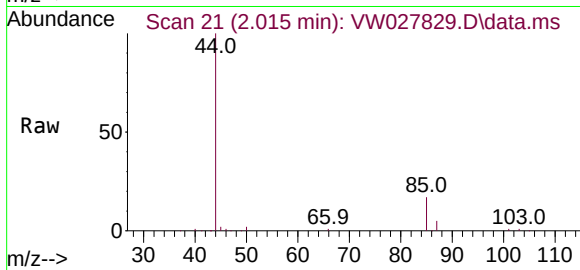




#2
Dichlorodifluoromethane
Concen: 4.462 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027829.D
Acq: 08 Jan 2024 14:15

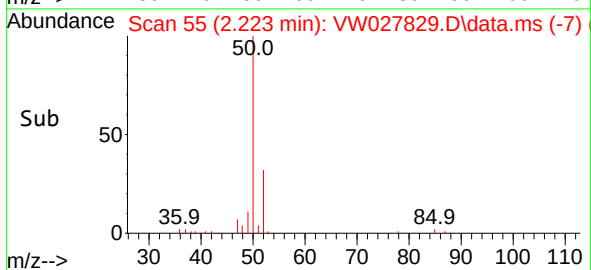
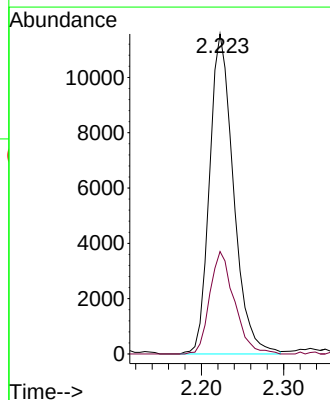
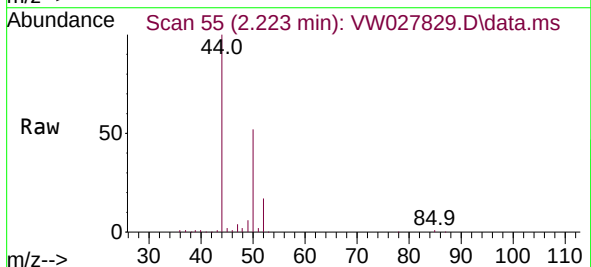
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MSVOA_W
ClientSampleId :

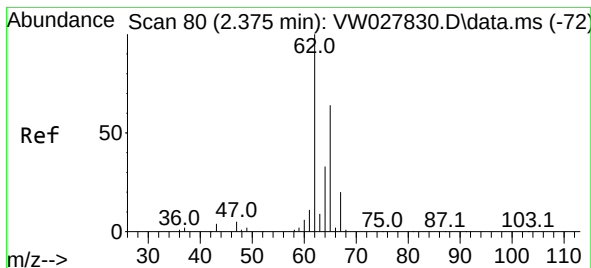
Tgt Ion: 85 Resp: 14991
Ion Ratio Lower Upper
85 100
87 31.6 25.0 37.4



#3
Chloromethane
Concen: 5.196 ug/L
RT: 2.223 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW027829.D
Acq: 08 Jan 2024 14:15

Tgt Ion: 50 Resp: 23469
Ion Ratio Lower Upper
50 100
52 32.0 22.5 41.7





#5

Vinyl chloride

Concen: 4.870 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW027829.D

Acq: 08 Jan 2024 14:15

Instrument :

MSVOA_W

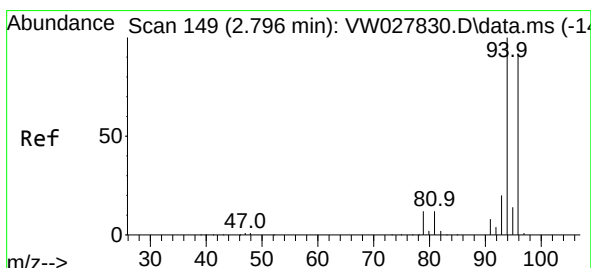
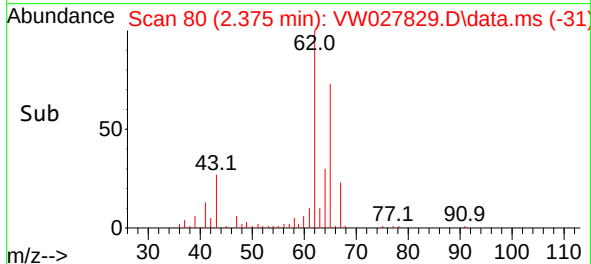
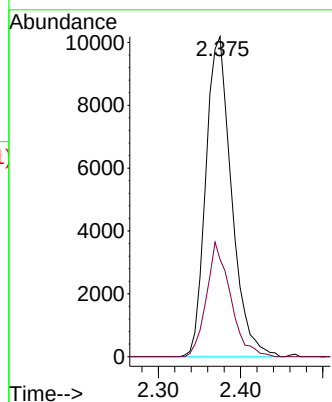
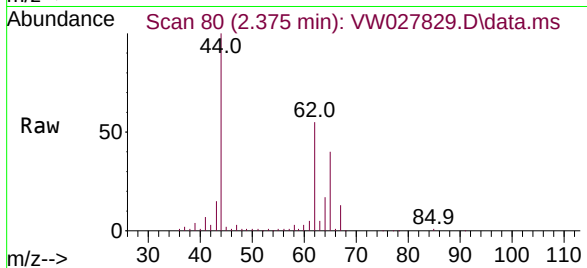
ClientSampleId :

Tgt Ion: 62 Resp: 22117

Ion Ratio Lower Upper

62 100

64 30.4 23.0 42.6



#6

Bromomethane

Concen: 5.014 ug/L

RT: 2.790 min Scan# 148

Delta R.T. -0.006 min

Lab File: VW027829.D

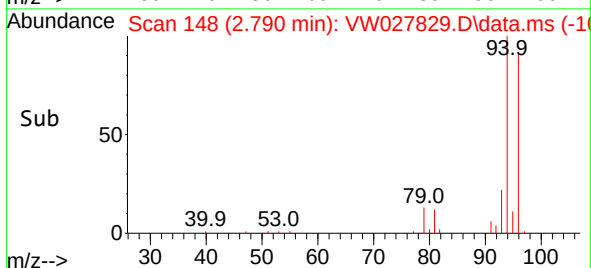
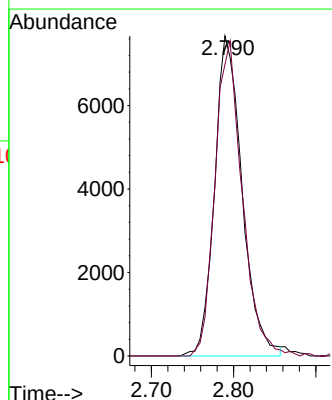
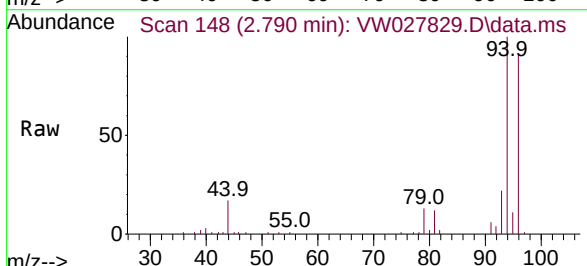
Acq: 08 Jan 2024 14:15

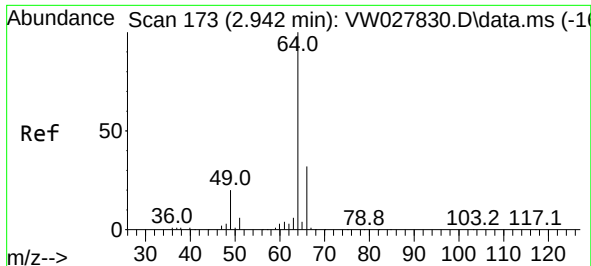
Tgt Ion: 94 Resp: 17820

Ion Ratio Lower Upper

94 100

96 91.2 64.3 119.5

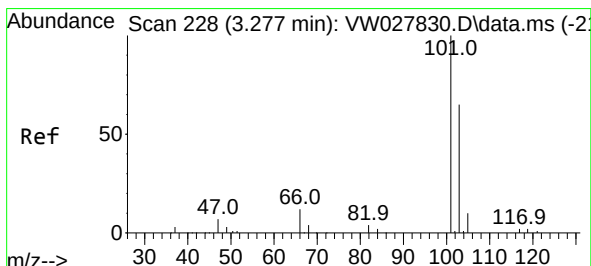
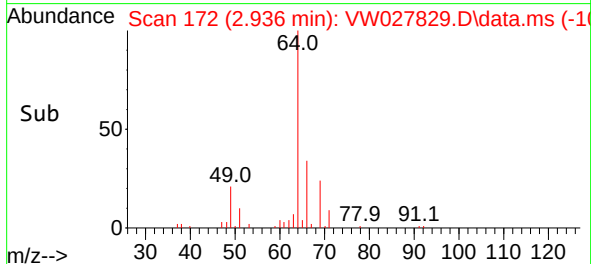
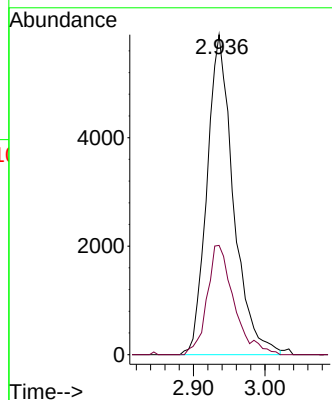
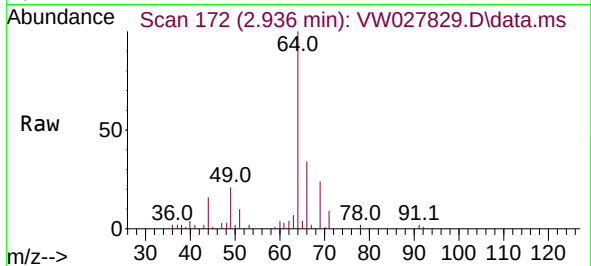




#8
Chloroethane
Concen: 4.939 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW027829.D
Acq: 08 Jan 2024 14:15

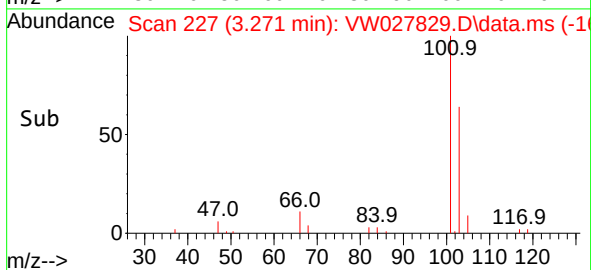
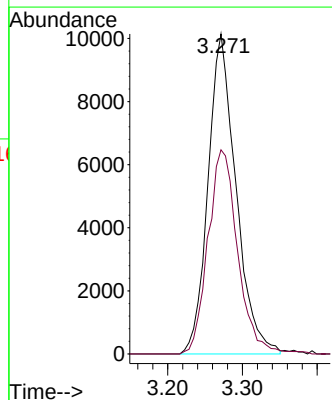
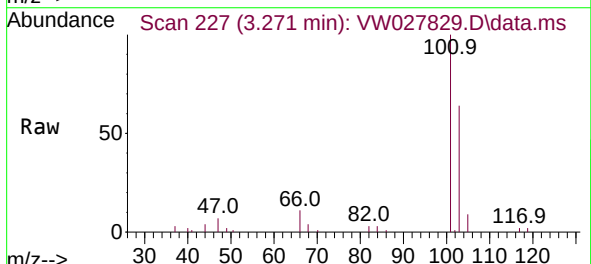
Instrument :
MSVOA_W
ClientSampleId :

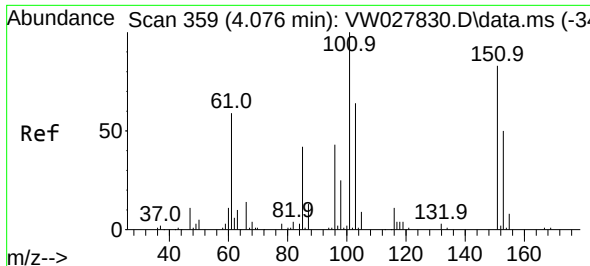
Tgt Ion: 64 Resp: 15159
Ion Ratio Lower Upper
64 100
66 34.1 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.070 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.006 min
Lab File: VW027829.D
Acq: 08 Jan 2024 14:15

Tgt Ion:101 Resp: 26354
Ion Ratio Lower Upper
101 100
103 67.4 51.5 77.3

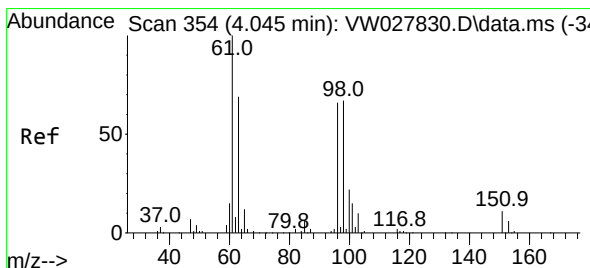
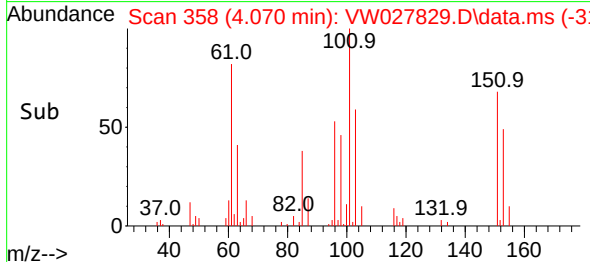
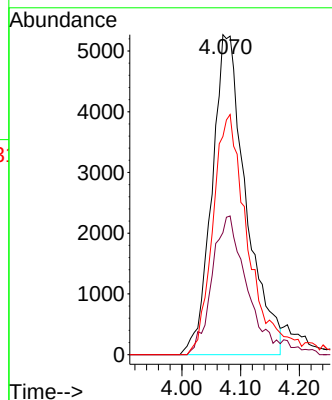
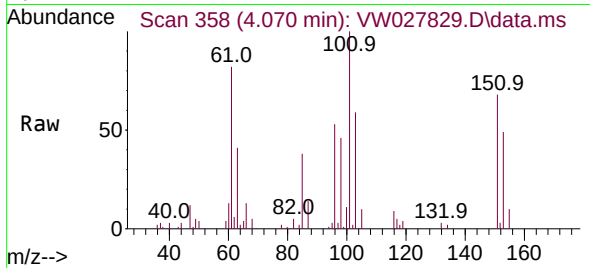




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.025 ug/L
RT: 4.070 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW027829.D
Acq: 08 Jan 2024 14:15

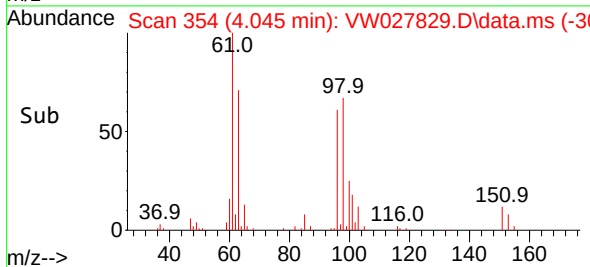
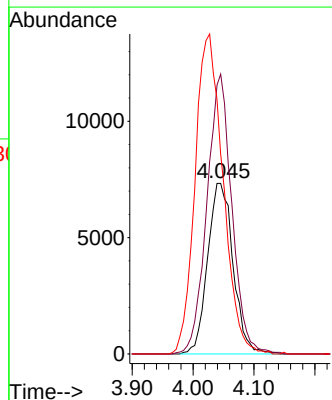
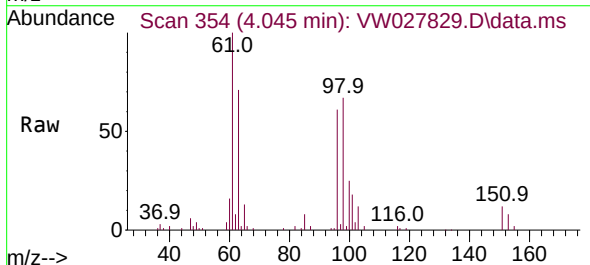
Instrument :
MSVOA_W
ClientSampleId :

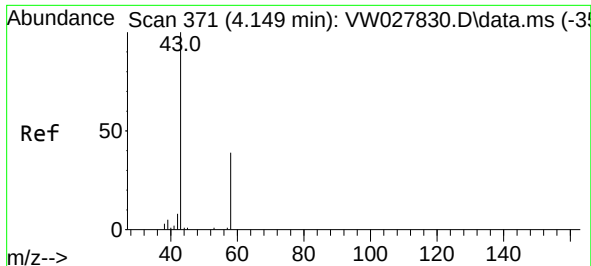
Tgt Ion:101 Resp: 21246
Ion Ratio Lower Upper
101 100
85 41.2 32.6 48.8
151 71.4 60.6 91.0



#12
1,1-Dichloroethene
Concen: 5.111 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW027829.D
Acq: 08 Jan 2024 14:15

Tgt Ion: 96 Resp: 21304
Ion Ratio Lower Upper
96 100
61 164.1 105.7 196.3
63 117.0 76.0 141.2





#13

Acetone

Concen: 9.817 ug/L

RT: 4.149 min Scan# 371

Delta R.T. 0.000 min

Lab File: VW027829.D

Acq: 08 Jan 2024 14:15

Instrument :

MSVOA_W

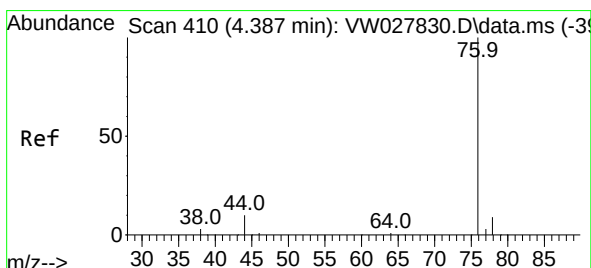
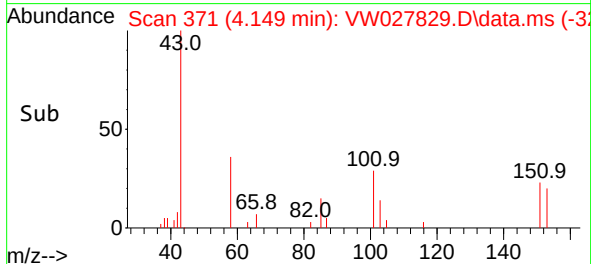
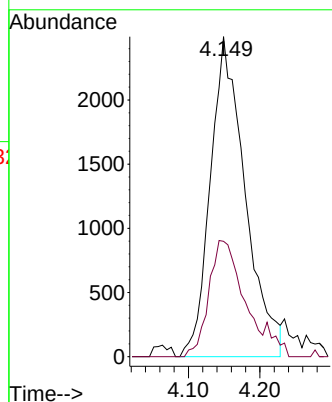
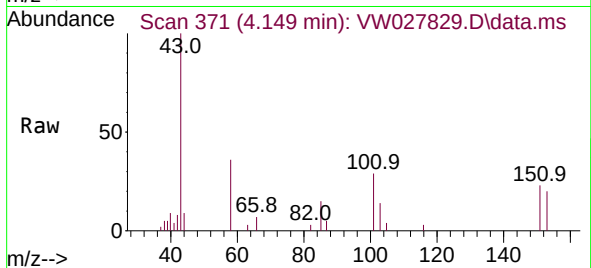
ClientSampleId :

Tgt Ion: 43 Resp: 8416

Ion Ratio Lower Upper

43 100

58 35.3 0.0 70.2



#14

Carbon disulfide

Concen: 5.175 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW027829.D

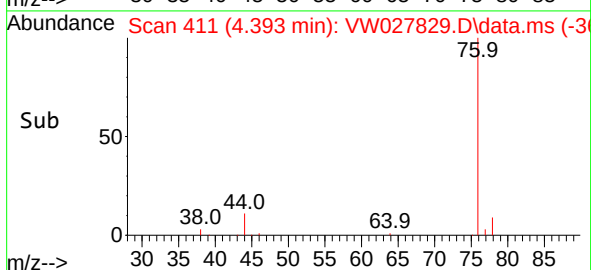
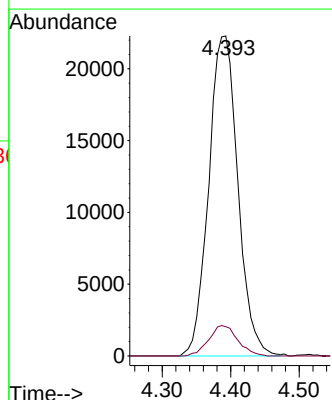
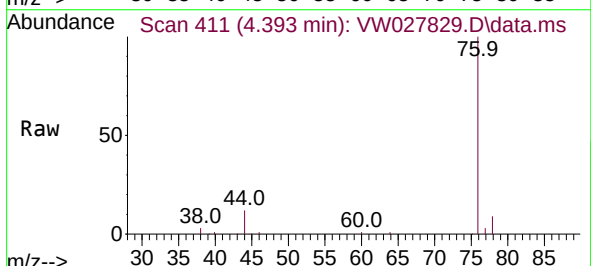
Acq: 08 Jan 2024 14:15

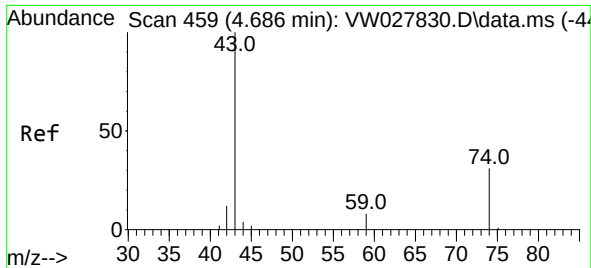
Tgt Ion: 76 Resp: 65966

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6

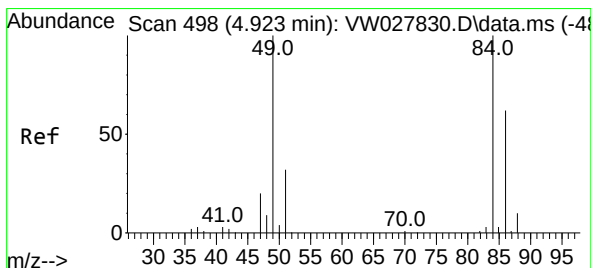
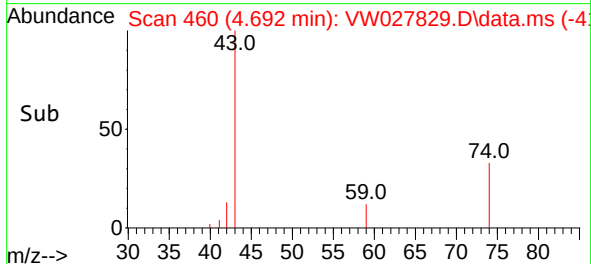
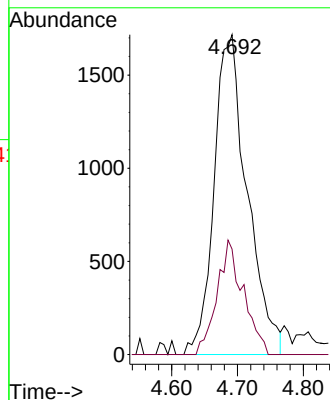
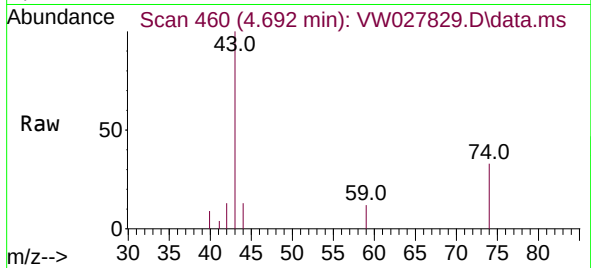




#15
Methyl Acetate
Concen: 5.054 ug/L
RT: 4.692 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW027829.D
Acq: 08 Jan 2024 14:15

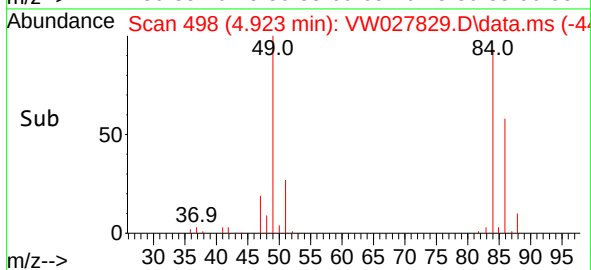
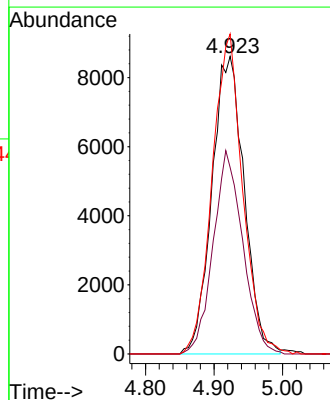
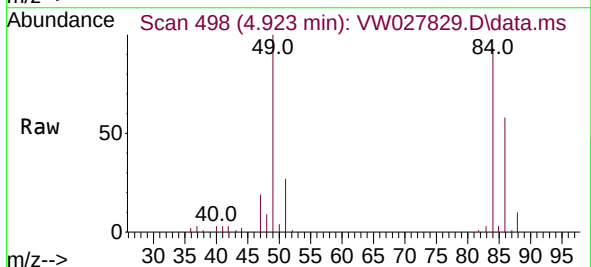
Instrument :
MSVOA_W
ClientSampleId :

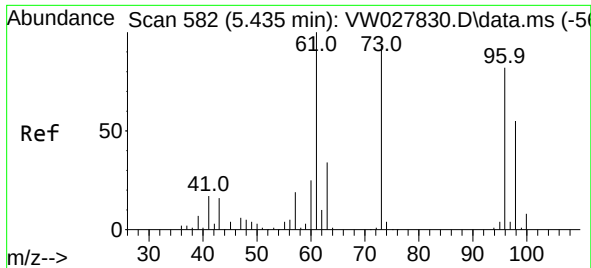
Tgt Ion: 43 Resp: 6013
Ion Ratio Lower Upper
43 100
74 21.8 21.9 32.9#



#16
Methylene chloride
Concen: 5.511 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW027829.D
Acq: 08 Jan 2024 14:15

Tgt Ion: 84 Resp: 28228
Ion Ratio Lower Upper
84 100
86 62.7 43.5 80.9
49 107.5 70.3 130.5

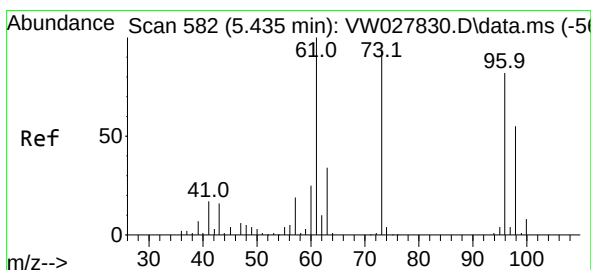
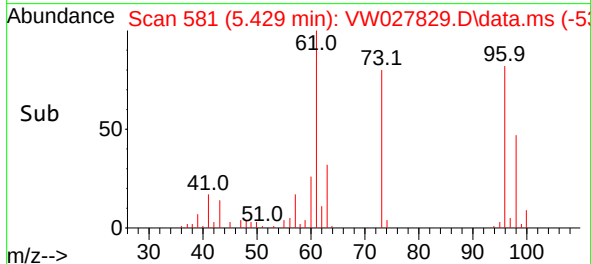
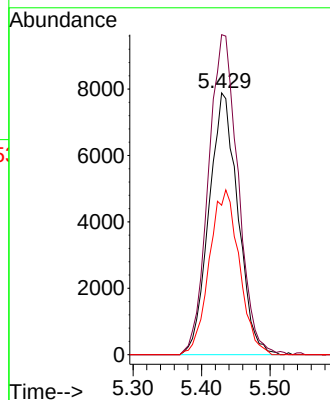
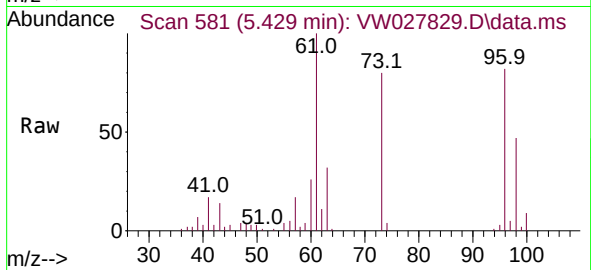




#17
trans-1,2-Dichloroethene
Concen: 5.206 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW027829.D
Acq: 08 Jan 2024 14:15

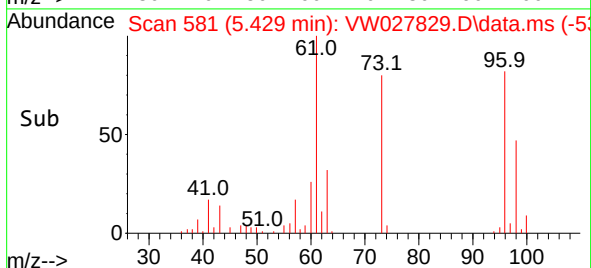
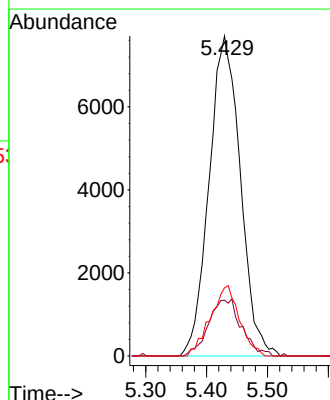
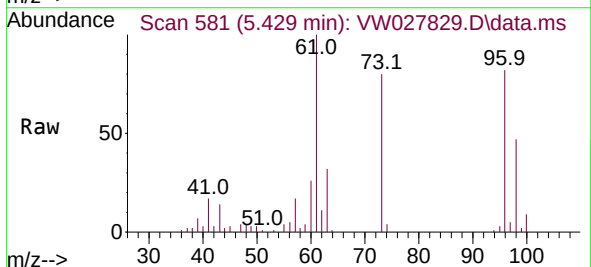
Instrument :
MSVOA_W
ClientSampleId :

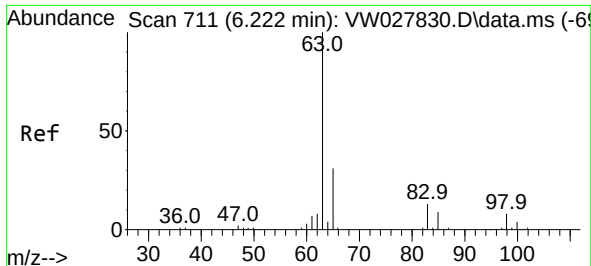
Tgt Ion: 96 Resp: 23124
Ion Ratio Lower Upper
96 100
61 122.3 85.0 157.8
98 57.1 46.3 86.1



#18
Methyl tert-butyl Ether
Concen: 5.035 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW027829.D
Acq: 08 Jan 2024 14:15

Tgt Ion: 73 Resp: 27464
Ion Ratio Lower Upper
73 100
43 11.6 13.5 20.3#
57 20.4 16.9 25.3





#19

1,1-Dichloroethane

Concen: 5.138 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW027829.D

Acq: 08 Jan 2024 14:15

Instrument :

MSVOA_W

ClientSampleId :

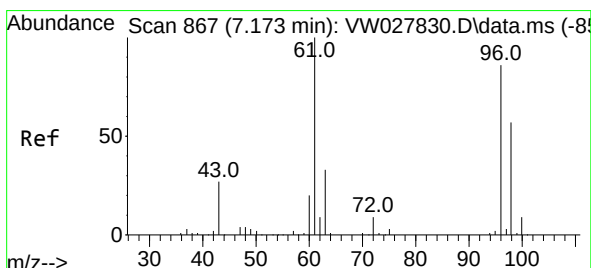
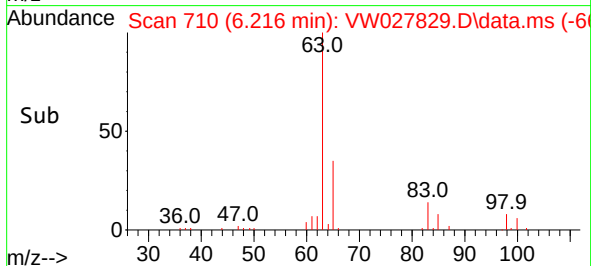
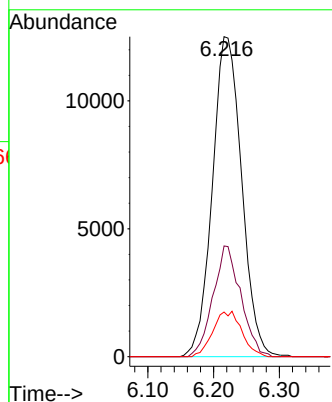
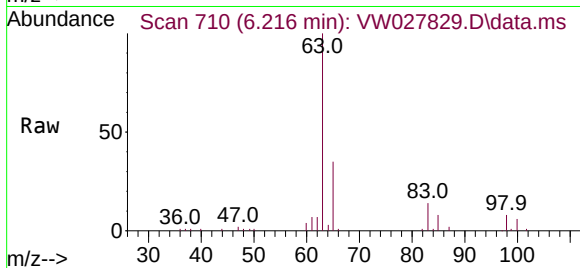
Tgt Ion: 63 Resp: 38737

Ion Ratio Lower Upper

63 100

65 34.6 21.5 39.9

83 13.9 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 5.206 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW027829.D

Acq: 08 Jan 2024 14:15

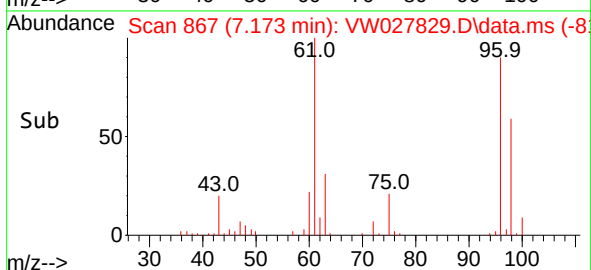
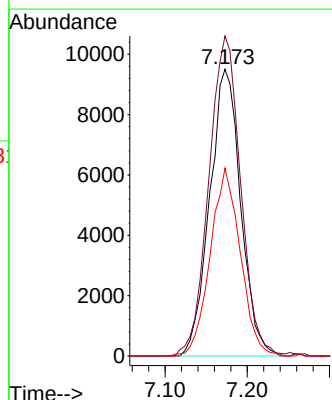
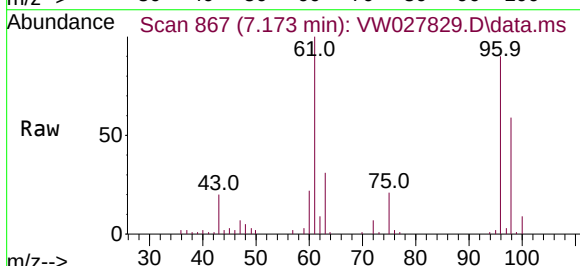
Tgt Ion: 96 Resp: 24915

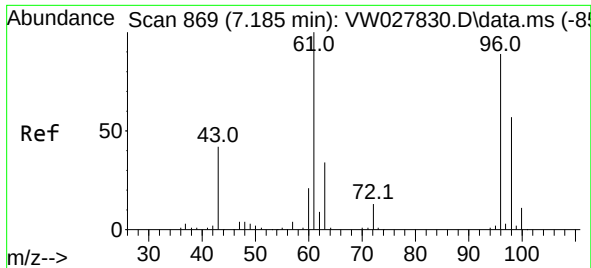
Ion Ratio Lower Upper

96 100

61 111.6 81.1 150.7

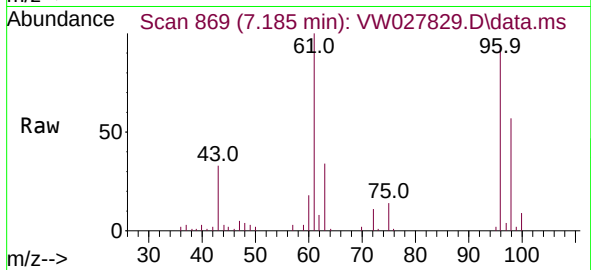
98 65.5 46.5 86.5



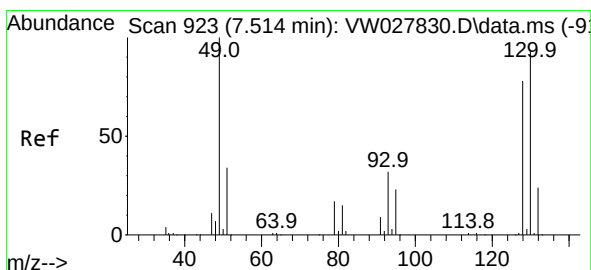
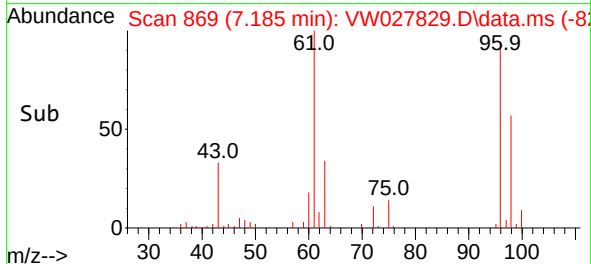
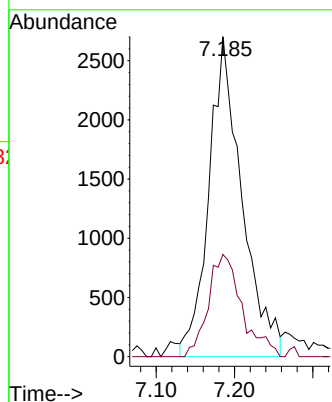


#22
2-Butanone
Concen: 9.056 ug/L
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW027829.D
Acq: 08 Jan 2024 14:15

Instrument :
MSVOA_W
ClientSampleId :

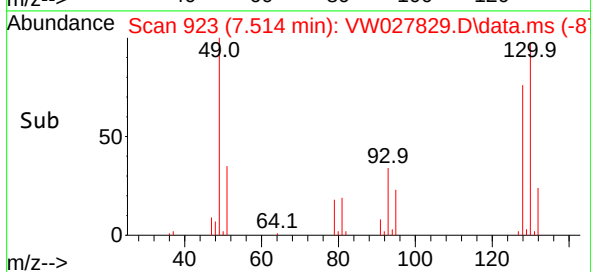
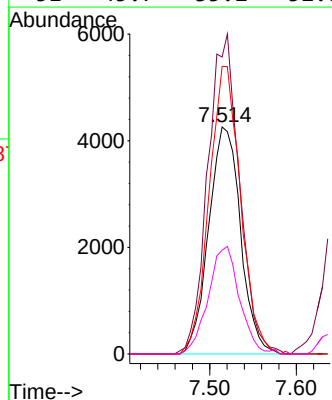
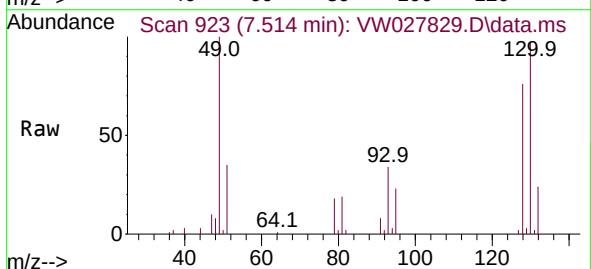


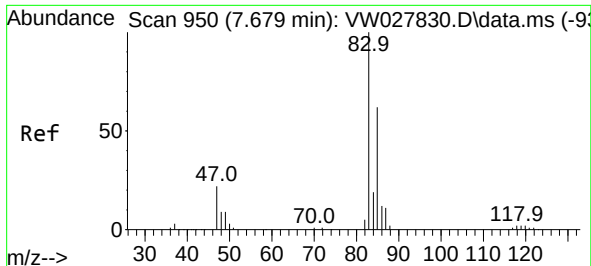
Tgt Ion: 43 Resp: 7921
Ion Ratio Lower Upper
43 100
72 30.4 16.7 50.1



#23
Bromochloromethane
Concen: 5.171 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW027829.D
Acq: 08 Jan 2024 14:15

Tgt Ion: 128 Resp: 10862
Ion Ratio Lower Upper
128 100
49 130.8 89.9 166.9
130 126.7 83.3 154.7
51 45.7 35.2 52.8

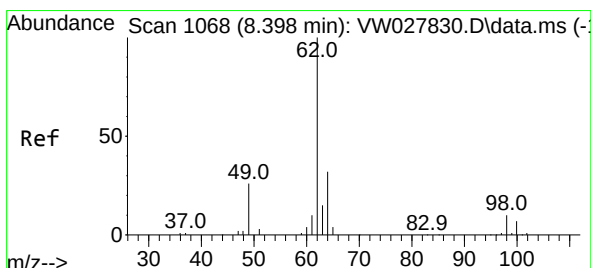
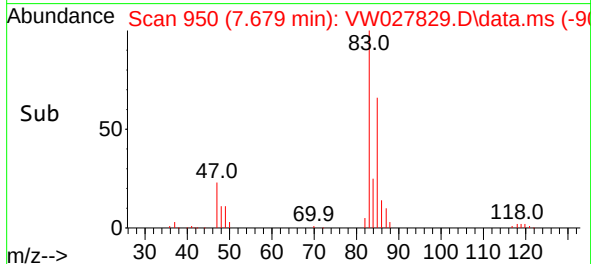
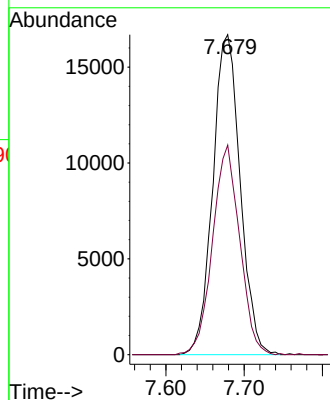
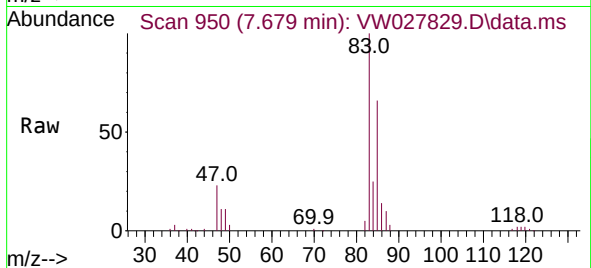




#25
Chloroform
Concen: 5.191 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW027829.D
Acq: 08 Jan 2024 14:15

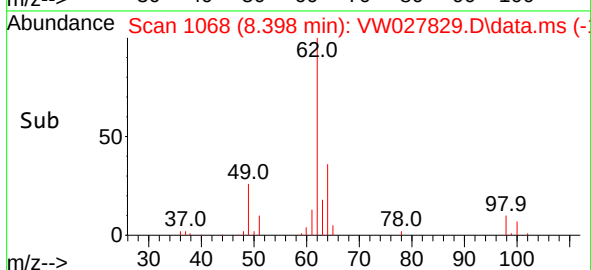
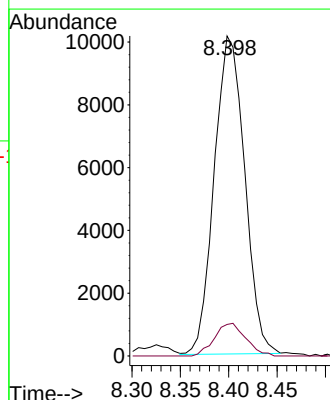
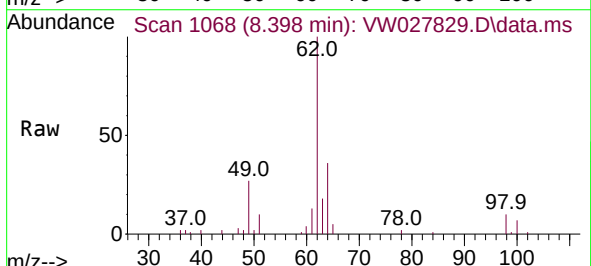
Instrument :
MSVOA_W
ClientSampleId :

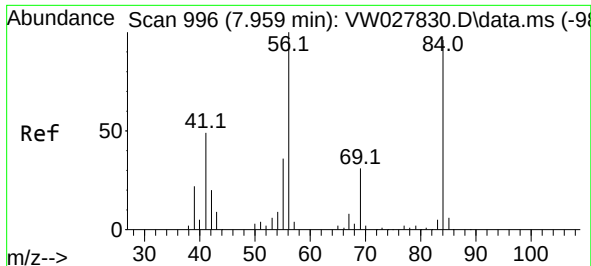
Tgt Ion: 83 Resp: 40592
Ion Ratio Lower Upper
83 100
85 65.5 43.7 81.1



#27
1,2-Dichloroethane
Concen: 5.043 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027829.D
Acq: 08 Jan 2024 14:15

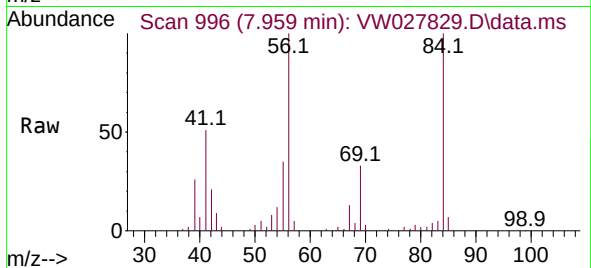
Tgt Ion: 62 Resp: 22202
Ion Ratio Lower Upper
62 100
98 9.9 8.1 12.1



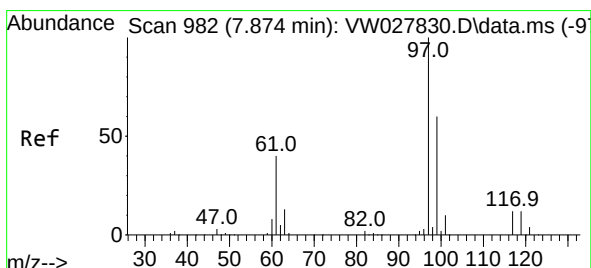
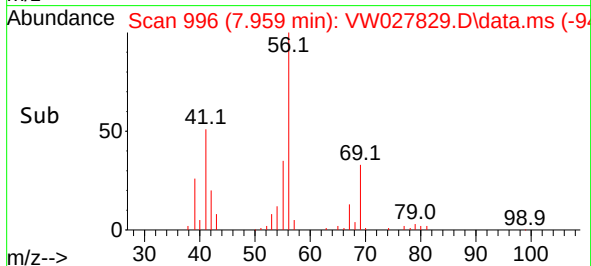
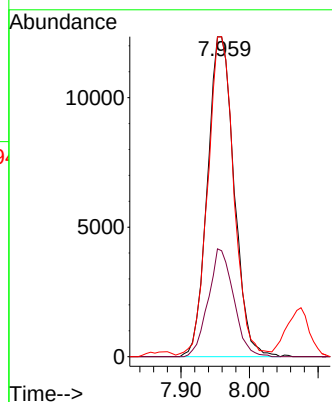


#29
Cyclohexane
Concen: 5.179 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027829.D
Acq: 08 Jan 2024 14:15

Instrument :
MSVOA_W
ClientSampleId :

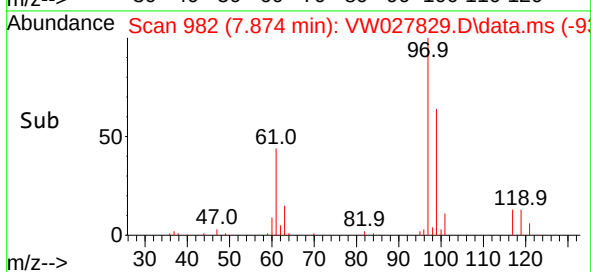
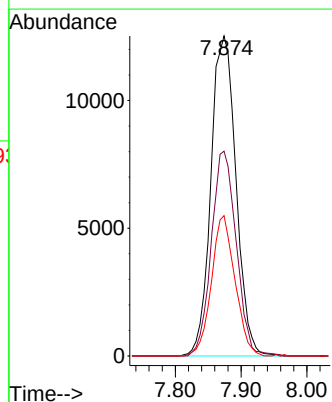
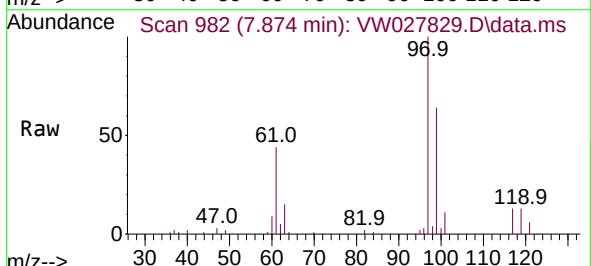


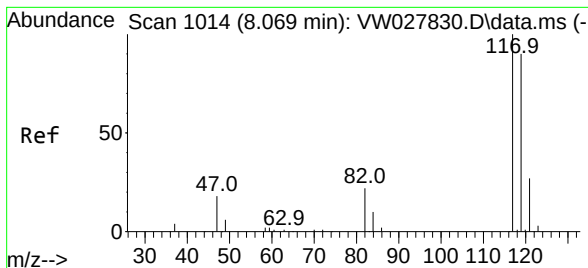
Tgt Ion:	56	Resp:	33291
Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.8	38.6
84	98.0	79.0	118.4



#30
1,1,1-Trichloroethane
Concen: 5.256 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW027829.D
Acq: 08 Jan 2024 14:15

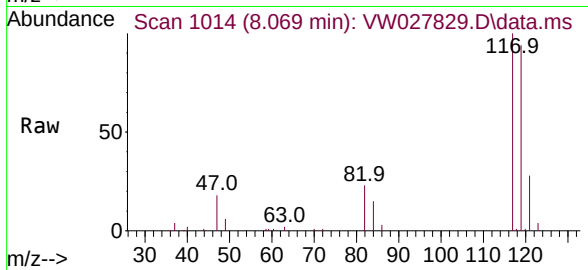
Tgt Ion:	97	Resp:	33267
Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.6	75.8
61	41.1	33.6	50.4



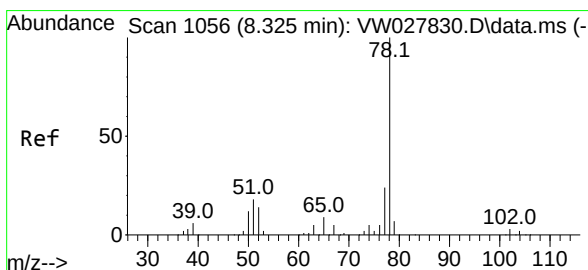
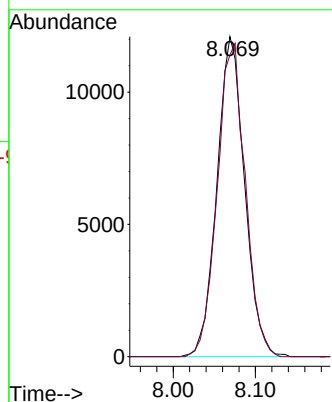
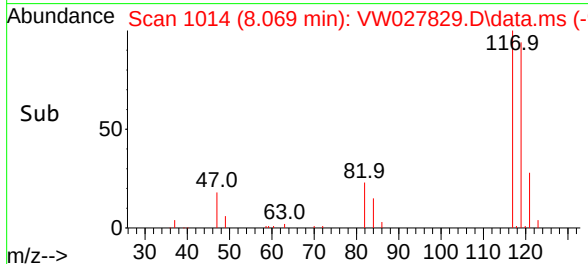


#31
Carbon tetrachloride
Concen: 5.130 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027829.D
Acq: 08 Jan 2024 14:15

Instrument :
MSVOA_W
ClientSampleId :

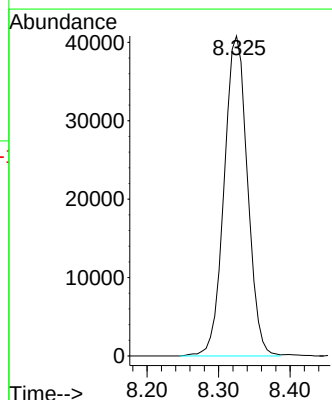
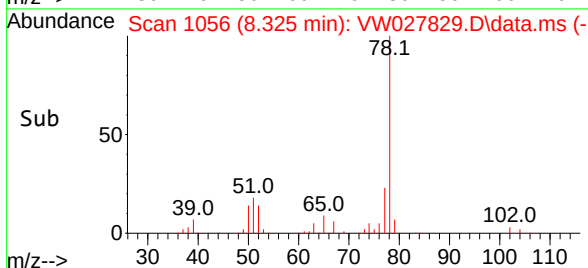
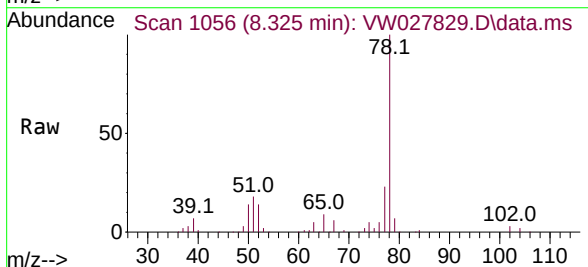


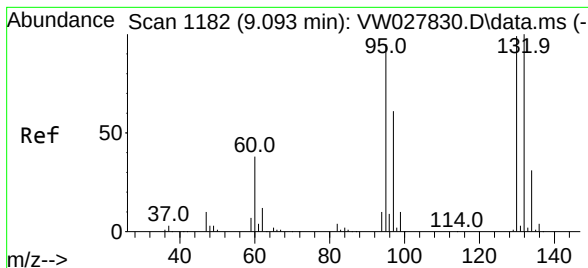
Tgt Ion:117 Resp: 28285
Ion Ratio Lower Upper
117 100
119 99.1 74.8 112.2



#33
Benzene
Concen: 5.309 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW027829.D
Acq: 08 Jan 2024 14:15

Tgt Ion: 78 Resp: 92381





#34

Trichloroethene

Concen: 5.332 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW027829.D

Acq: 08 Jan 2024 14:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 25412

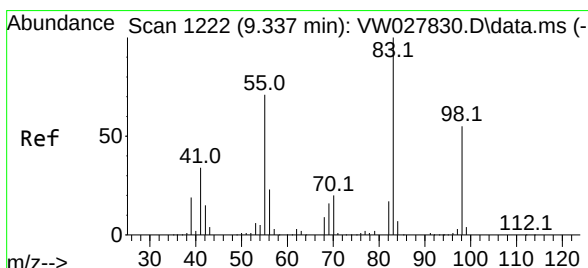
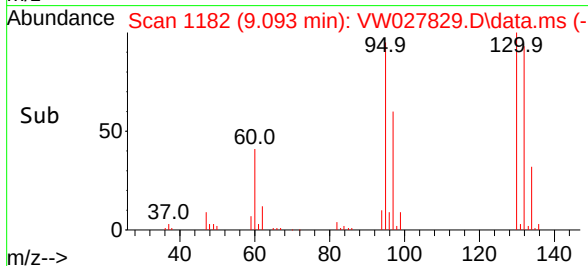
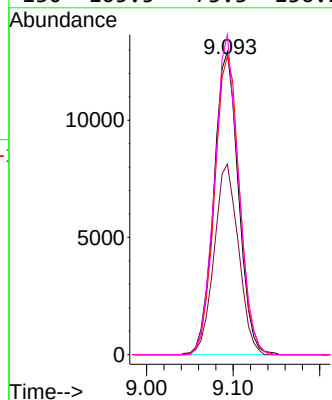
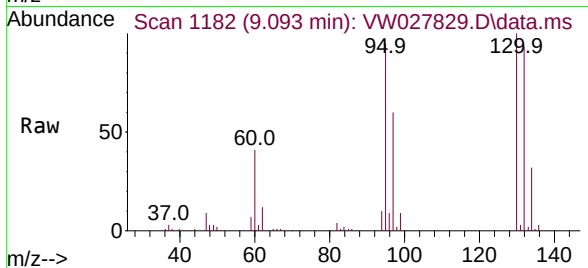
Ion Ratio Lower Upper

95 100

97 62.8 45.1 83.9

132 98.4 74.1 137.5

130 105.5 73.3 136.1



#35

Methylcyclohexane

Concen: 5.200 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW027829.D

Acq: 08 Jan 2024 14:15

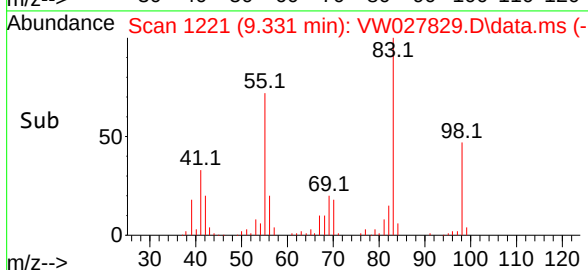
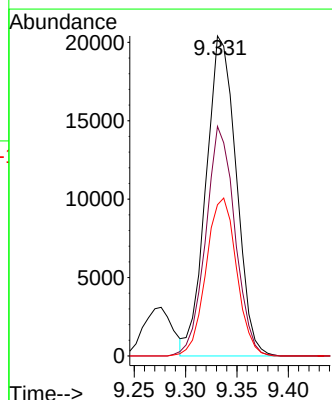
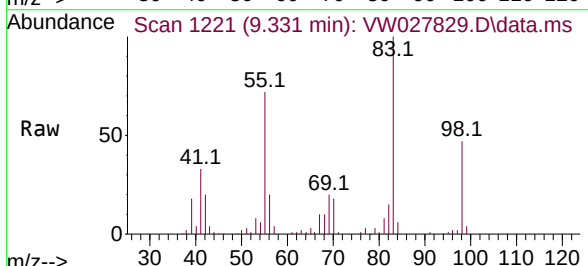
Tgt Ion: 83 Resp: 41675

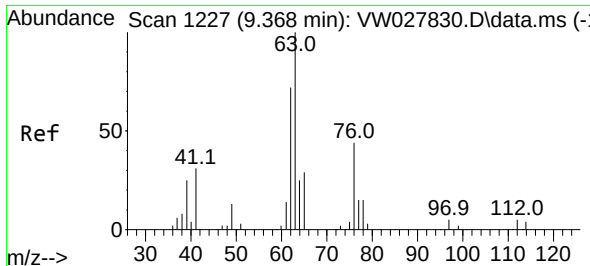
Ion Ratio Lower Upper

83 100

55 69.4 54.7 82.1

98 49.9 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.232 ug/L

RT: 9.368 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027829.D

Acq: 08 Jan 2024 14:15

Instrument :

MSVOA_W

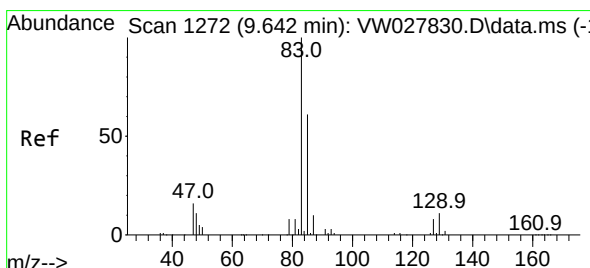
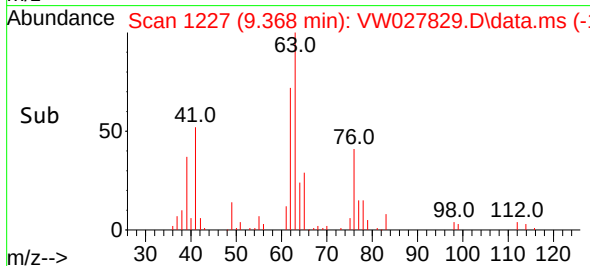
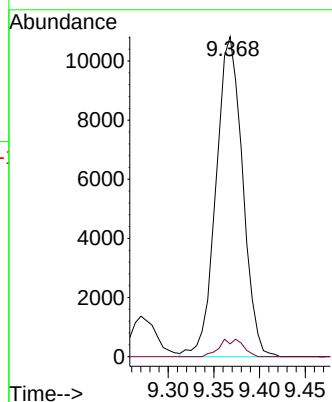
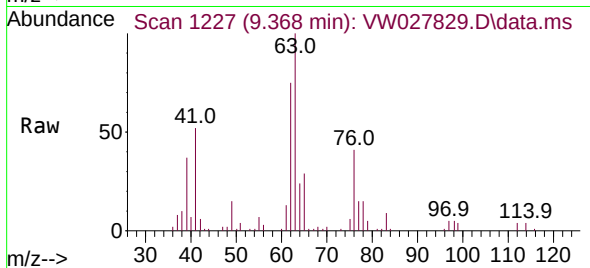
ClientSampleId :

Tgt Ion: 63 Resp: 21882

Ion Ratio Lower Upper

63 100

112 2.6 4.2 6.2#



#38

Bromodichloromethane

Concen: 5.097 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027829.D

Acq: 08 Jan 2024 14:15

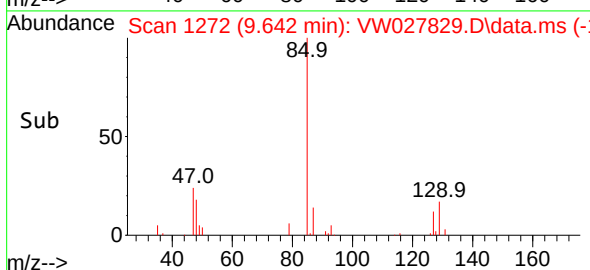
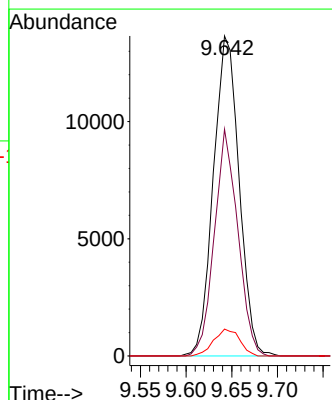
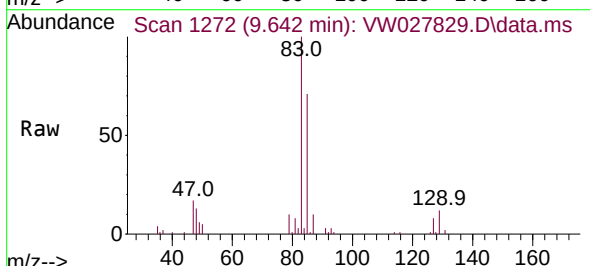
Tgt Ion: 83 Resp: 26714

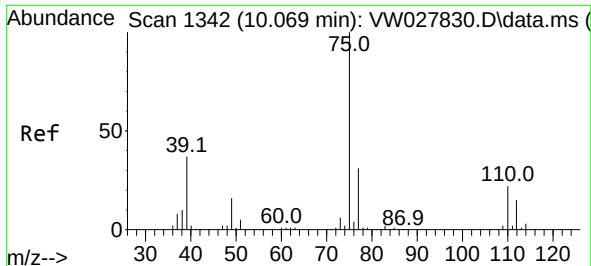
Ion Ratio Lower Upper

83 100

85 70.8 43.0 79.8

127 9.6 6.3 9.5#





#39

cis-1,3-Dichloropropene

Concen: 4.944 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW027829.D

Acq: 08 Jan 2024 14:15

Instrument :

MSVOA_W

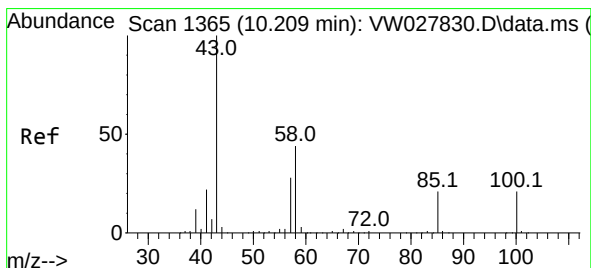
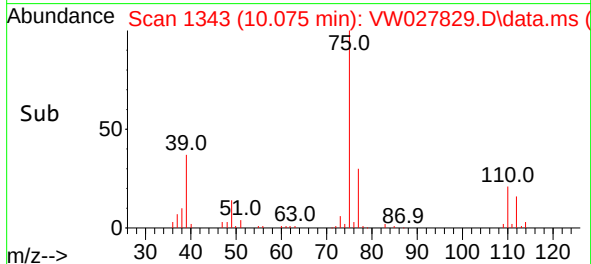
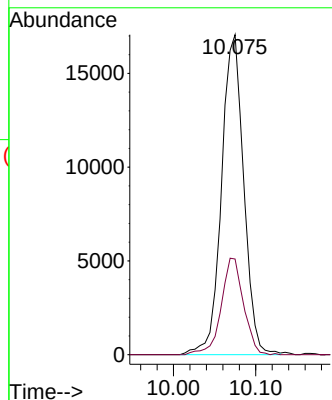
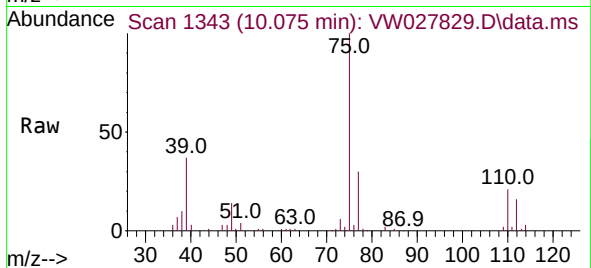
ClientSampleId :

Tgt Ion: 75 Resp: 32081

Ion Ratio Lower Upper

75 100

77 29.9 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 9.463 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027829.D

Acq: 08 Jan 2024 14:15

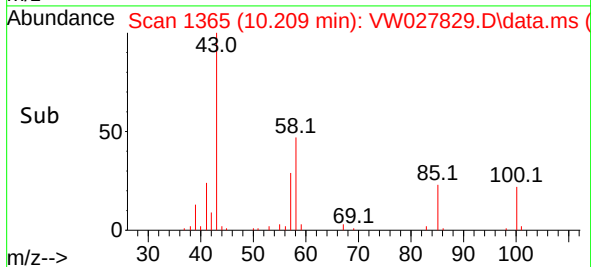
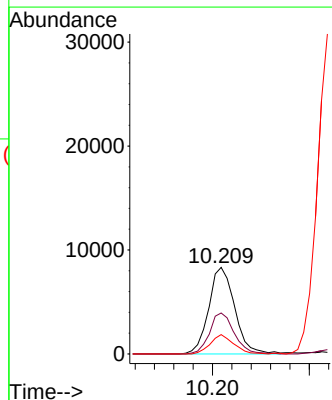
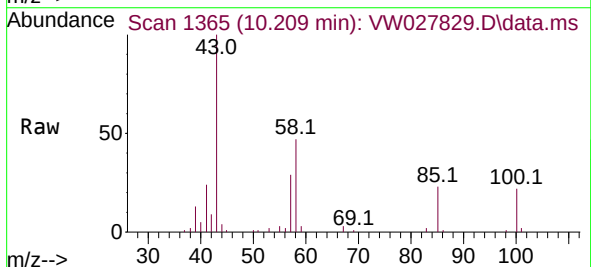
Tgt Ion: 43 Resp: 15531

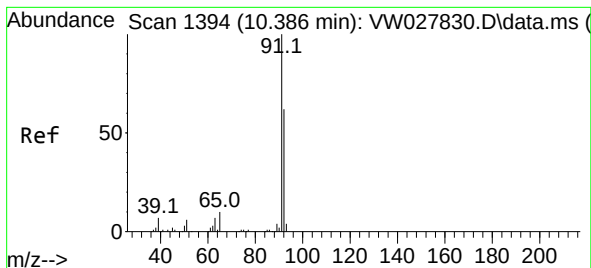
Ion Ratio Lower Upper

43 100

58 44.8 36.9 55.3

100 19.9 16.7 25.1





#42

Toluene

Concen: 5.186 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027829.D

Acq: 08 Jan 2024 14:15

Instrument :

MSVOA_W

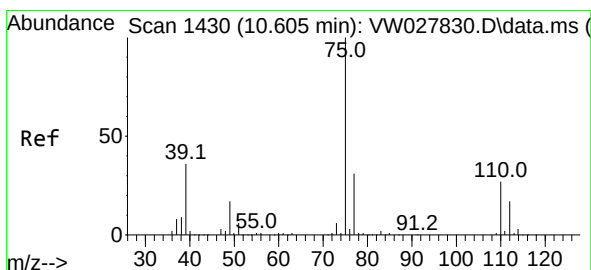
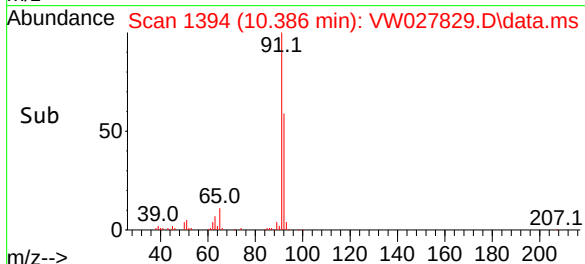
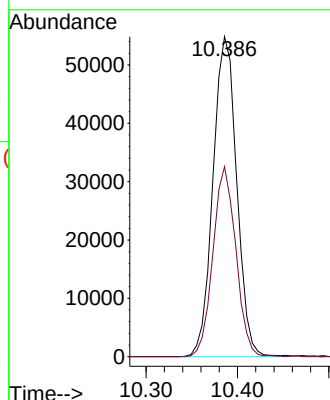
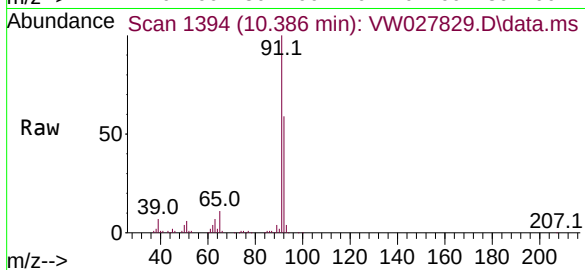
ClientSampleId :

Tgt Ion: 91 Resp: 98823

Ion Ratio Lower Upper

91 100

92 59.4 43.5 80.7



#44

trans-1,3-Dichloropropene

Concen: 4.680 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW027829.D

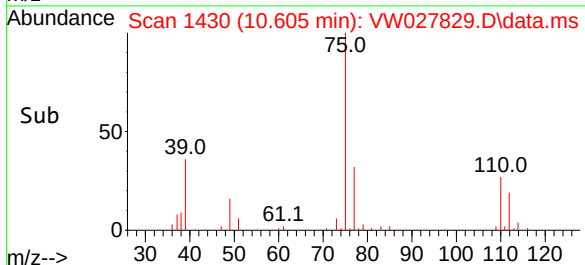
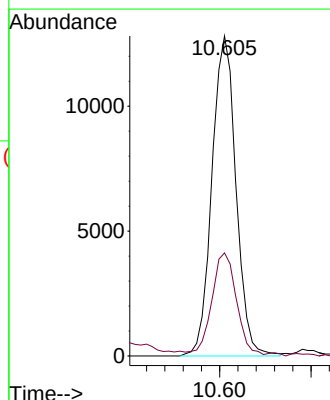
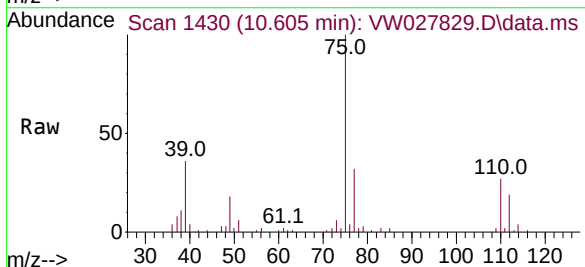
Acq: 08 Jan 2024 14:15

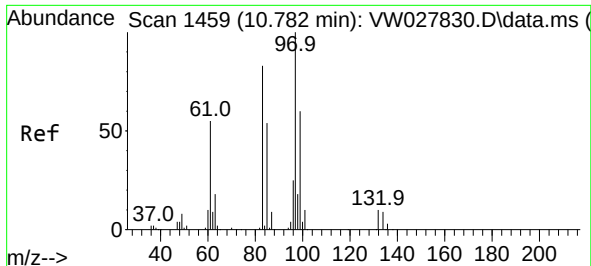
Tgt Ion: 75 Resp: 23397

Ion Ratio Lower Upper

75 100

77 32.2 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.022 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

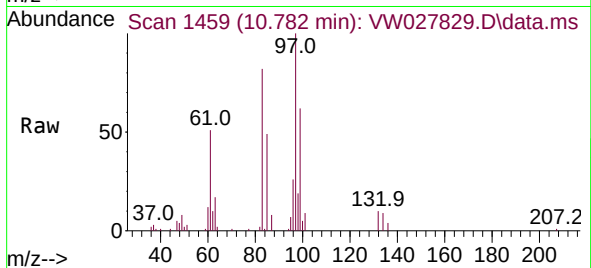
Lab File: VW027829.D

Acq: 08 Jan 2024 14:15

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 15742

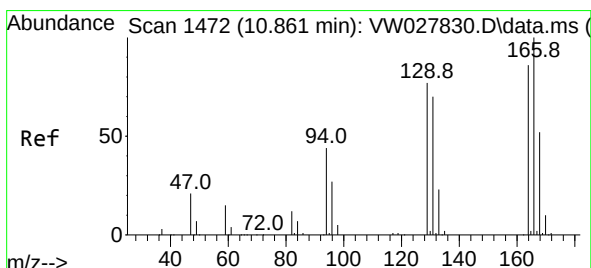
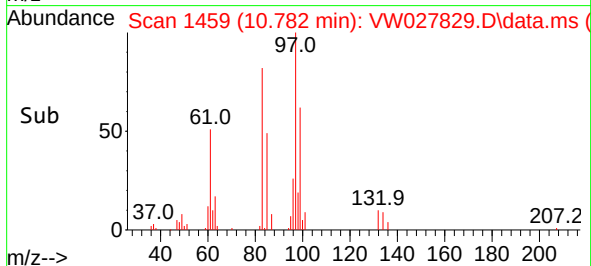
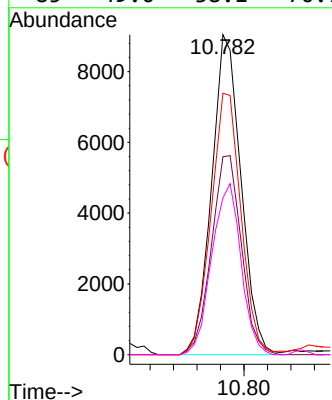
Ion Ratio Lower Upper

97 100

99 61.9 42.1 78.3

83 81.7 58.4 108.4

85 49.0 38.1 70.7



#46

Tetrachloroethene

Concen: 5.063 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW027829.D

Acq: 08 Jan 2024 14:15

Tgt Ion: 164 Resp: 19430

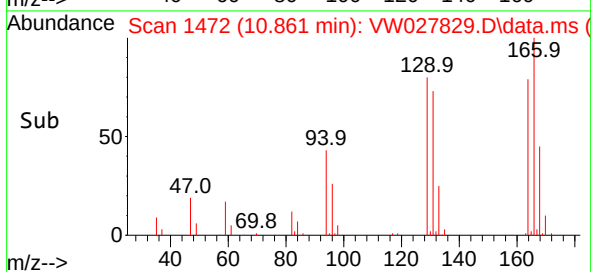
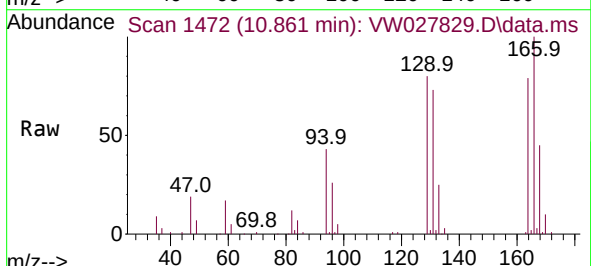
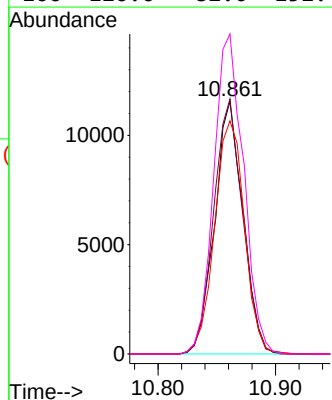
Ion Ratio Lower Upper

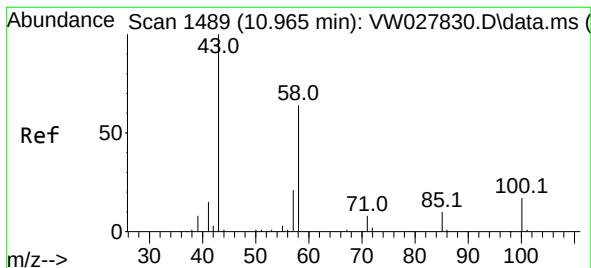
164 100

129 101.0 62.7 116.5

131 92.2 57.3 106.5

166 126.6 82.0 152.4





#48

2-Hexanone

Concen: 9.059 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

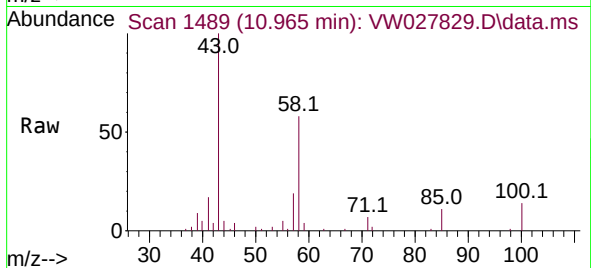
Lab File: VW027829.D

Acq: 08 Jan 2024 14:15

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 10878

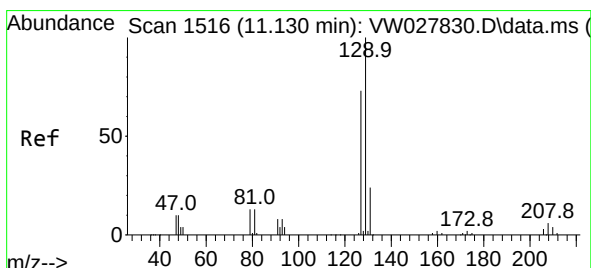
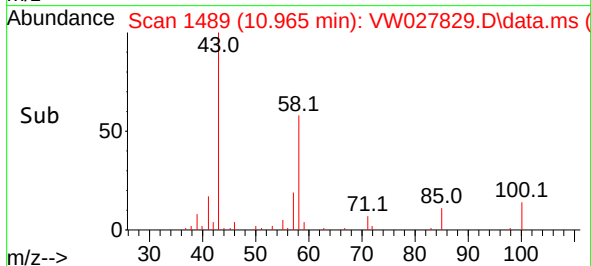
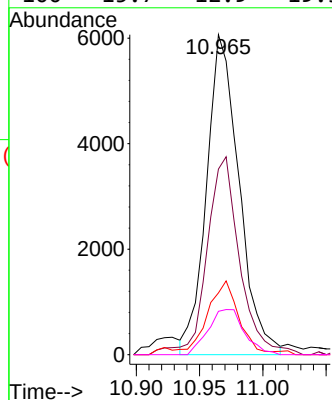
Ion Ratio Lower Upper

43 100

58 62.0 49.3 73.9

57 22.0 17.0 25.4

100 15.7 12.9 19.3



#49

Dibromochloromethane

Concen: 4.799 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW027829.D

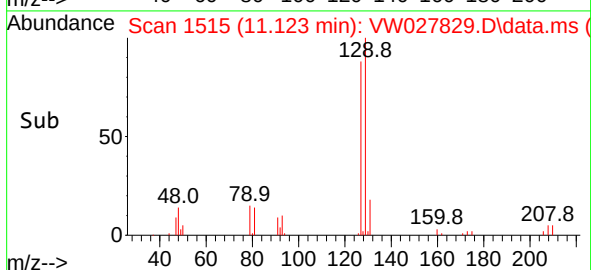
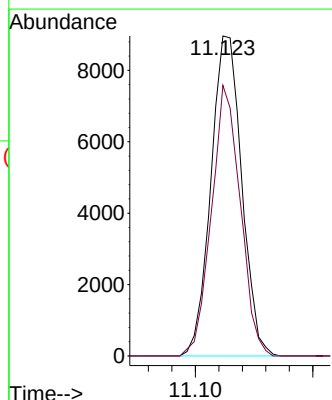
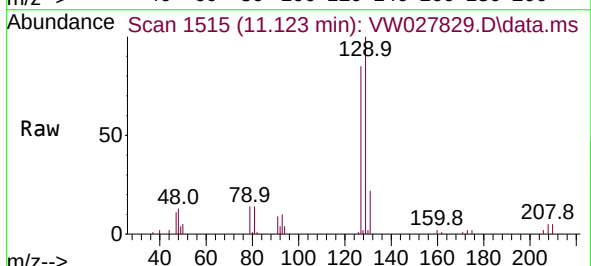
Acq: 08 Jan 2024 14:15

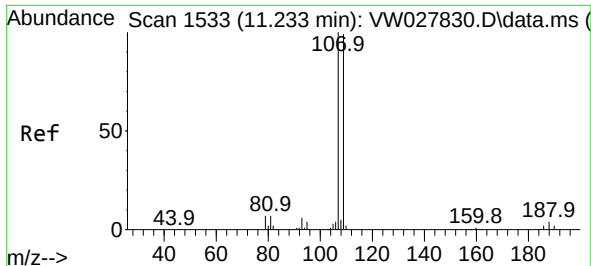
Tgt Ion:129 Resp: 16354

Ion Ratio Lower Upper

129 100

127 84.5 51.0 94.6





#50

1,2-Dibromoethane

Concen: 4.955 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

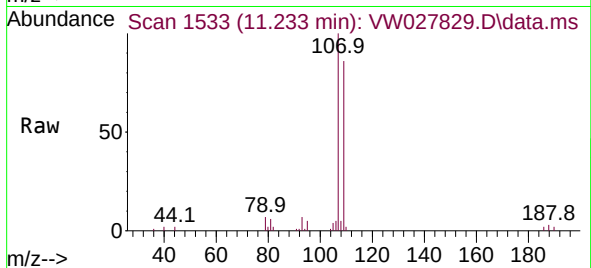
Lab File: VW027829.D

Acq: 08 Jan 2024 14:15

Instrument :

MSVOA_W

ClientSampleId :



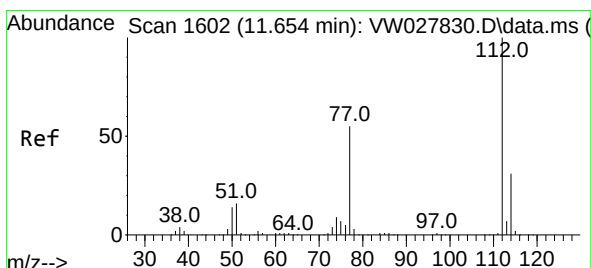
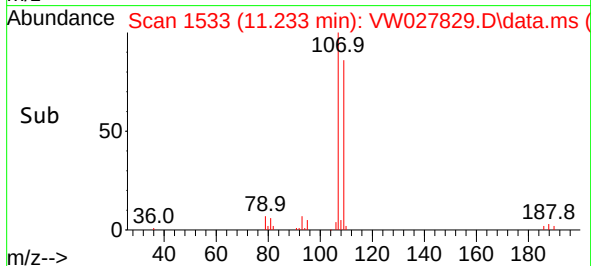
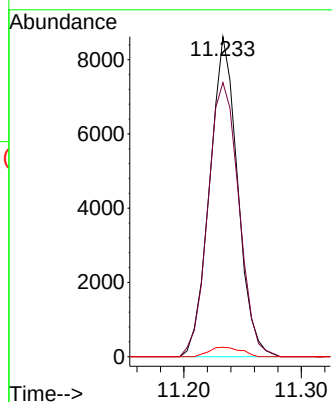
Tgt Ion:107 Resp: 14227

Ion Ratio Lower Upper

107 100

109 85.7 69.3 128.7

188 3.0 3.0 4.4



#51

Chlorobenzene

Concen: 5.018 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW027829.D

Acq: 08 Jan 2024 14:15

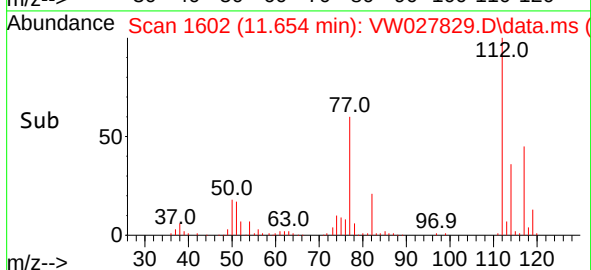
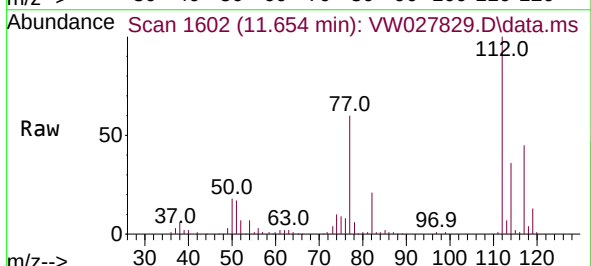
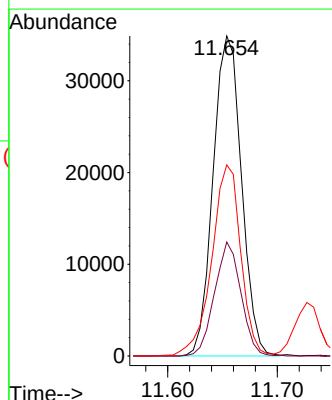
Tgt Ion:112 Resp: 62821

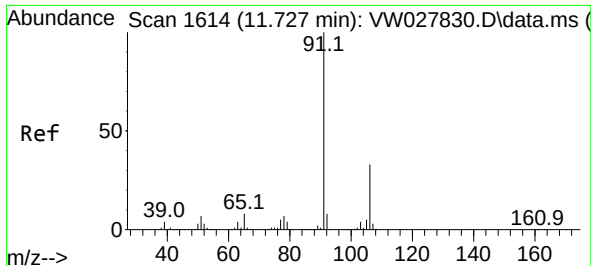
Ion Ratio Lower Upper

112 100

114 35.6 21.3 39.6

77 59.7 44.5 66.7

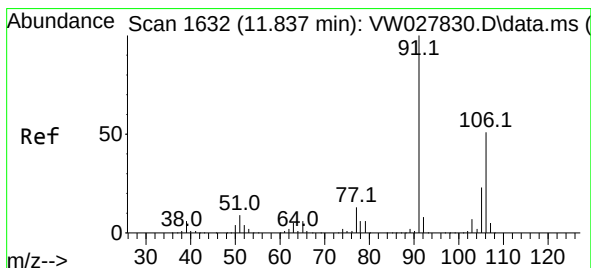
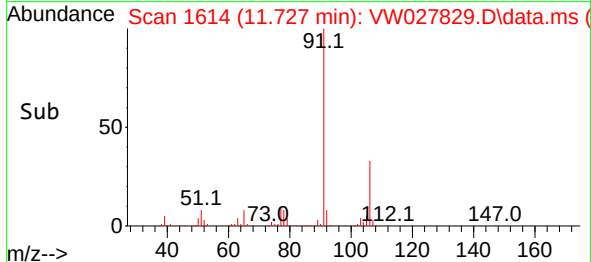
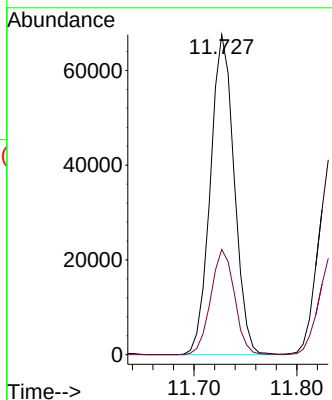
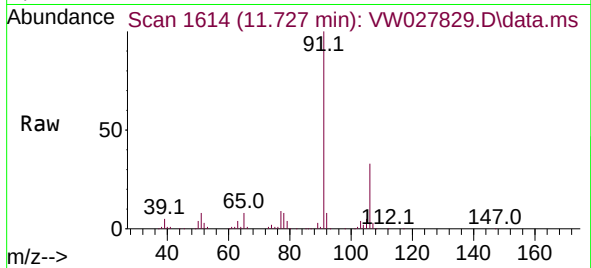




#52
Ethylbenzene
Concen: 5.073 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027829.D
Acq: 08 Jan 2024 14:15

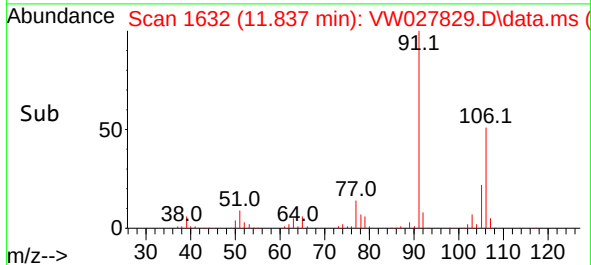
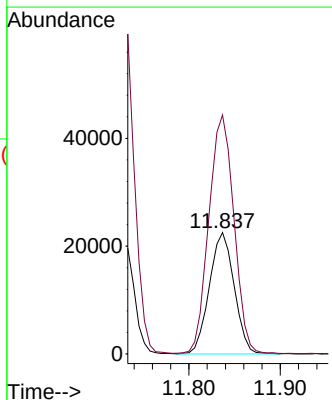
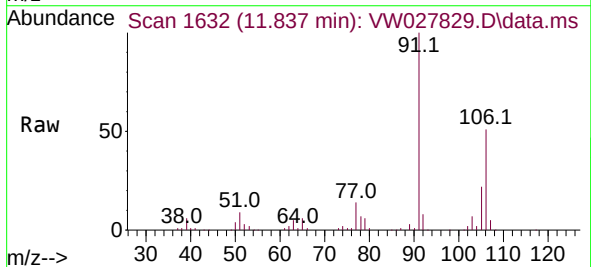
Instrument :
MSVOA_W
ClientSampleId :

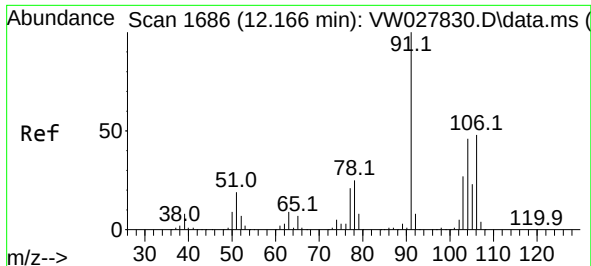
Tgt Ion: 91 Resp: 108827
Ion Ratio Lower Upper
91 100
106 32.8 23.0 42.6



#53
m,p-Xylene
Concen: 5.115 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027829.D
Acq: 08 Jan 2024 14:15

Tgt Ion: 106 Resp: 42473
Ion Ratio Lower Upper
106 100
91 196.8 137.0 254.4

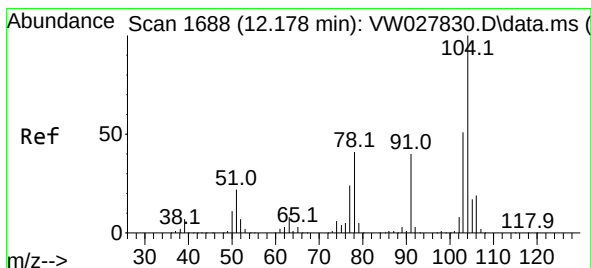
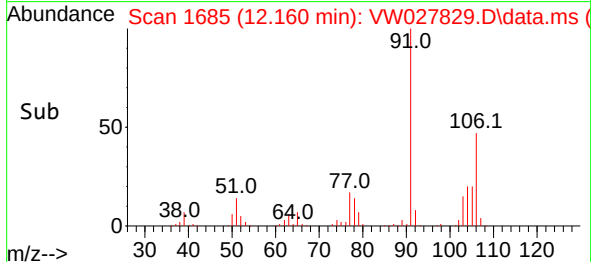
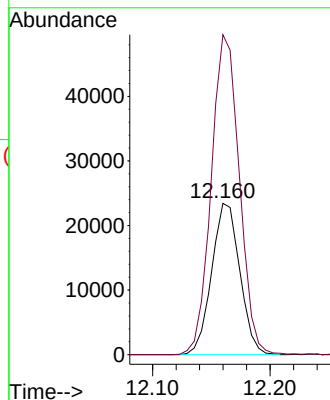
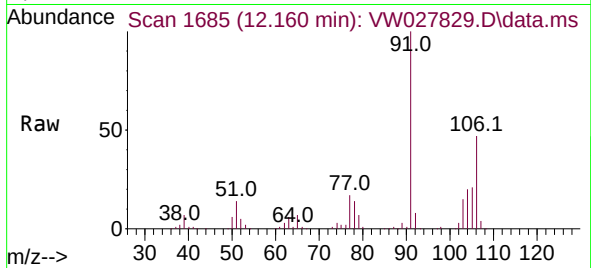




#54
o-Xylene
Concen: 5.005 ug/L
RT: 12.160 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VW027829.D
Acq: 08 Jan 2024 14:15

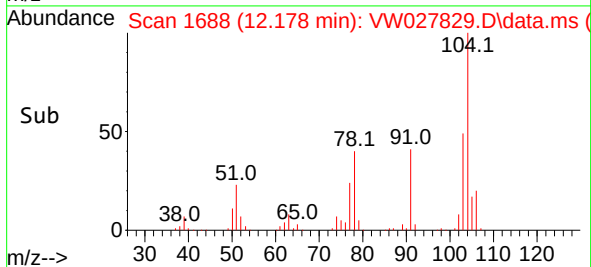
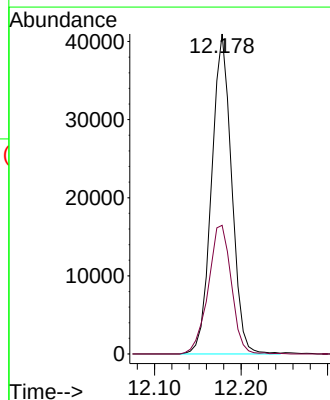
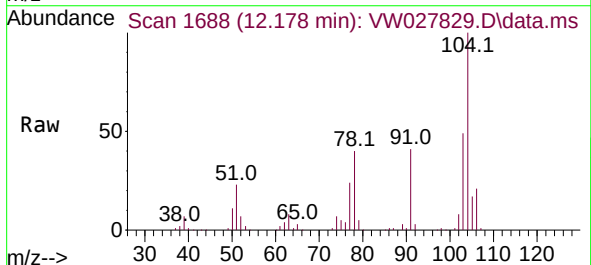
Instrument :
MSVOA_W
ClientSampleId :

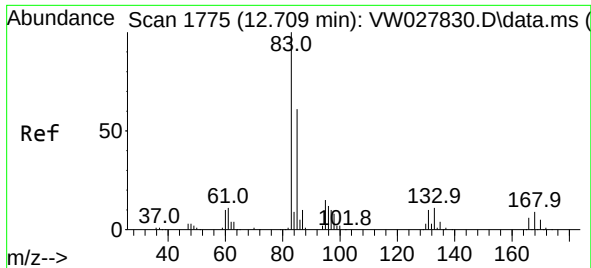
Tgt Ion:106 Resp: 38995
Ion Ratio Lower Upper
106 100
91 211.4 146.4 271.8



#55
Styrene
Concen: 4.982 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027829.D
Acq: 08 Jan 2024 14:15

Tgt Ion:104 Resp: 65835
Ion Ratio Lower Upper
104 100
78 40.2 28.8 53.6





#57

1,1,2,2-Tetrachloroethane

Concen: 4.876 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW027829.D

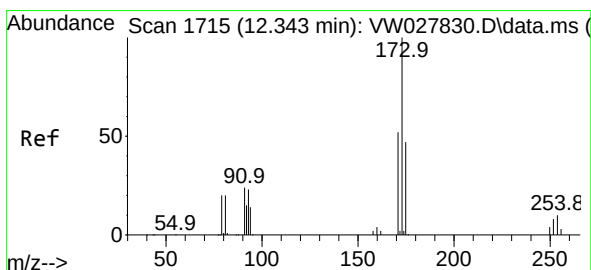
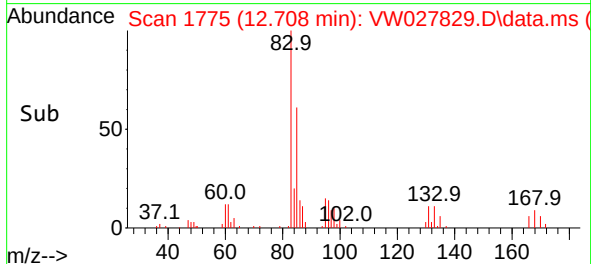
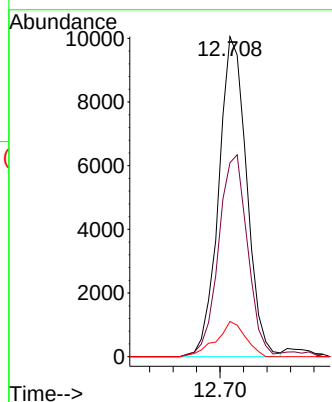
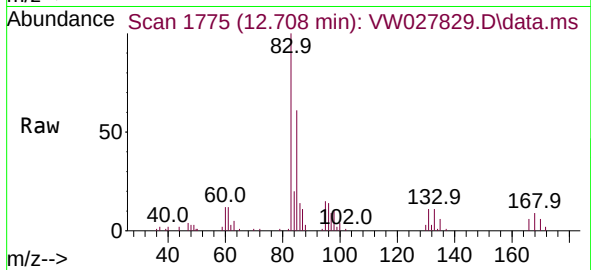
Acq: 08 Jan 2024 14:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 16610
Ion Ratio	Lower Upper
83 100	
85 60.6	43.2 80.2
131 11.0	8.2 12.2



#59

Bromoform

Concen: 4.606 ug/L

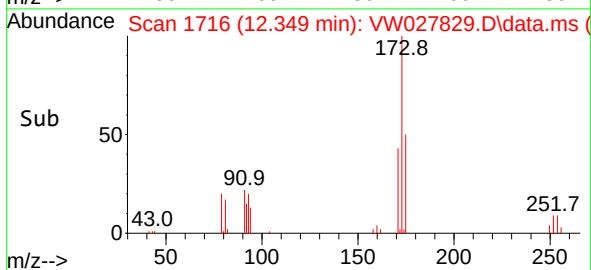
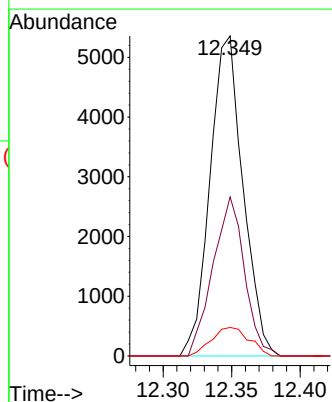
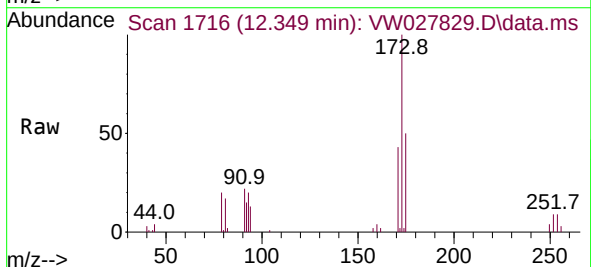
RT: 12.349 min Scan# 1716

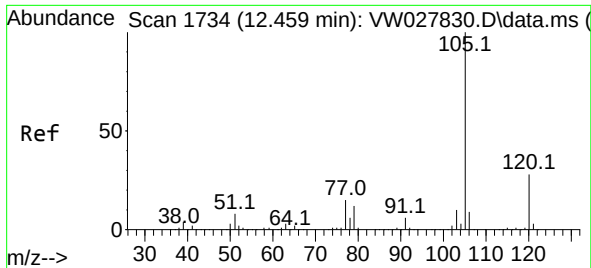
Delta R.T. 0.006 min

Lab File: VW027829.D

Acq: 08 Jan 2024 14:15

Tgt Ion: 173	Resp: 8967
Ion Ratio	Lower Upper
173 100	
175 47.5	35.9 53.9
254 10.2	5.1 7.7#

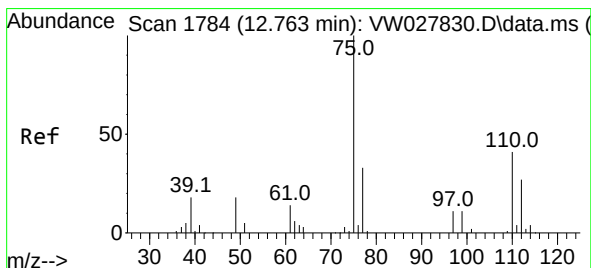
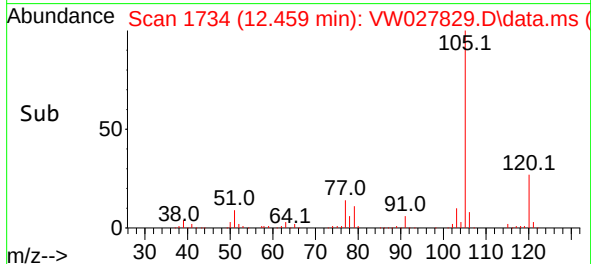
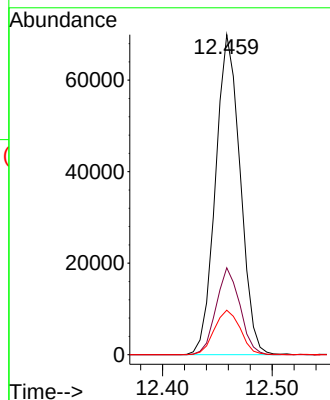
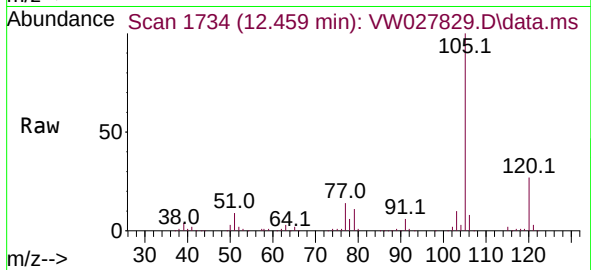




#60
Isopropylbenzene
Concen: 5.033 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW027829.D
Acq: 08 Jan 2024 14:15

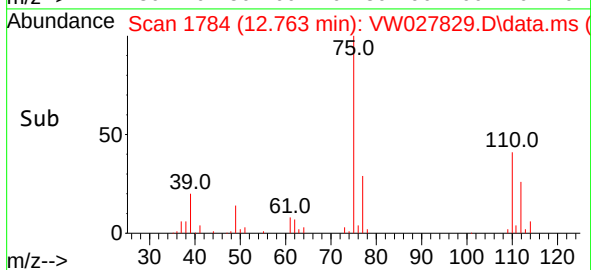
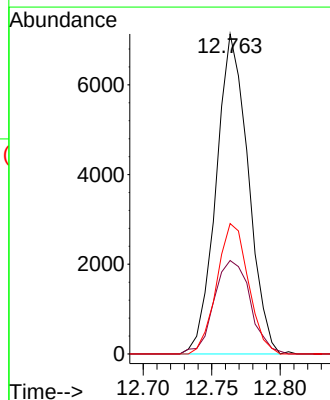
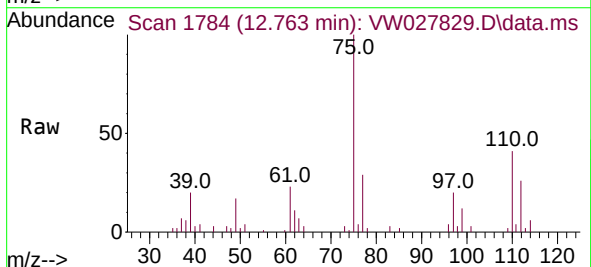
Instrument :
MSVOA_W
ClientSampleId :

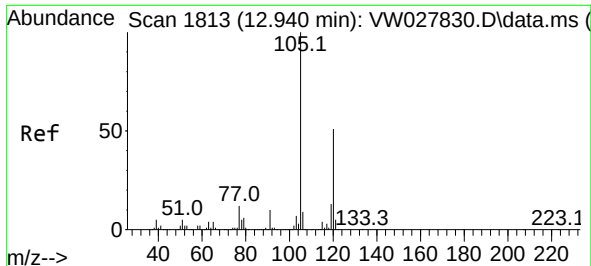
Tgt Ion:105 Resp: 109474
Ion Ratio Lower Upper
105 100
120 26.1 21.9 32.9
77 14.6 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 4.799 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW027829.D
Acq: 08 Jan 2024 14:15

Tgt Ion: 75 Resp: 11603
Ion Ratio Lower Upper
75 100
77 33.0 26.1 39.1
110 40.2 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 4.948 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW027829.D

Acq: 08 Jan 2024 14:15

Instrument :

MSVOA_W

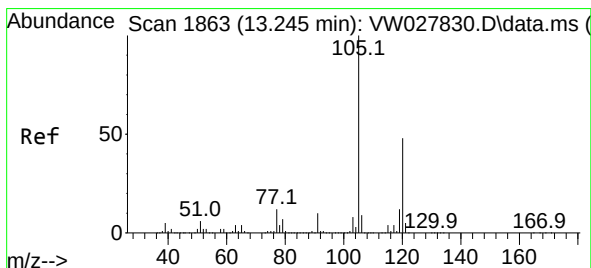
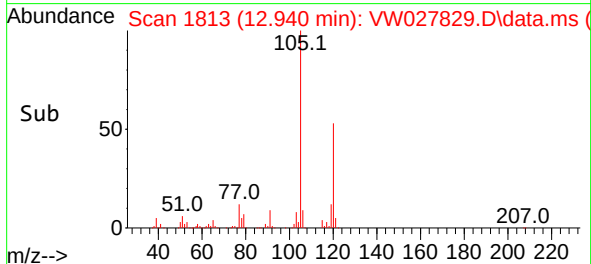
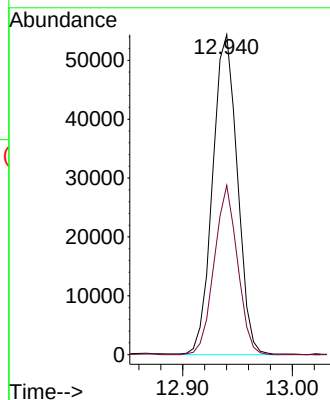
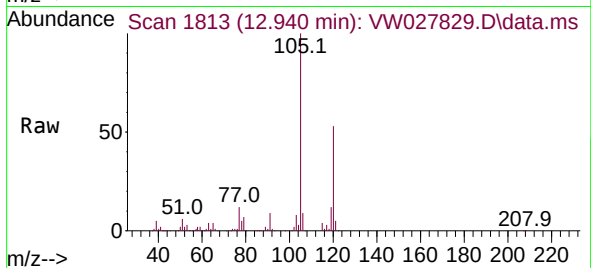
ClientSampleId :

Tgt Ion:105 Resp: 85447

Ion Ratio Lower Upper

105 100

120 49.7 41.2 61.8



#63

1,2,4-Trimethylbenzene

Concen: 4.874 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW027829.D

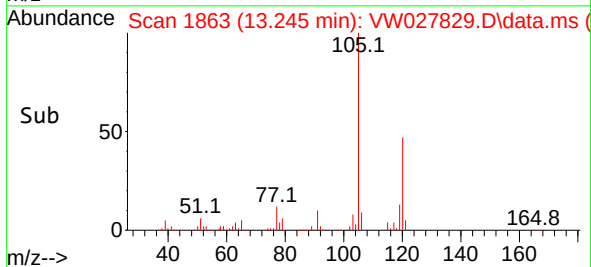
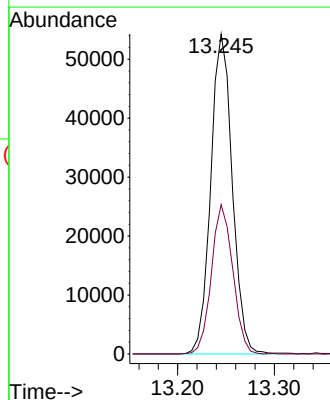
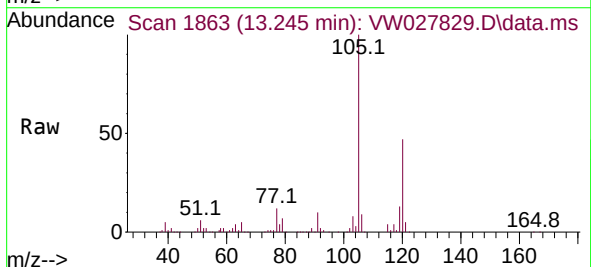
Acq: 08 Jan 2024 14:15

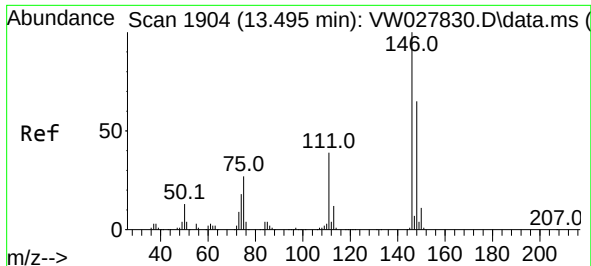
Tgt Ion:105 Resp: 83977

Ion Ratio Lower Upper

105 100

120 46.3 38.2 57.2

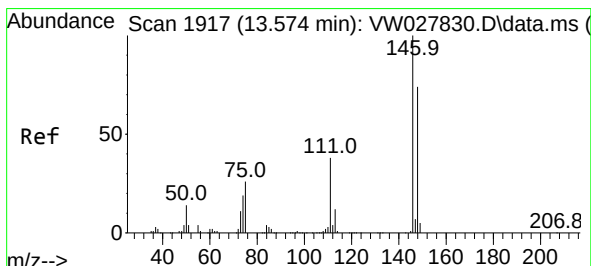
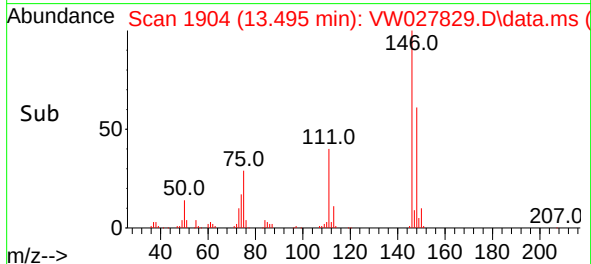
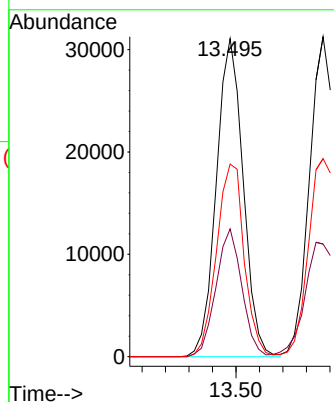
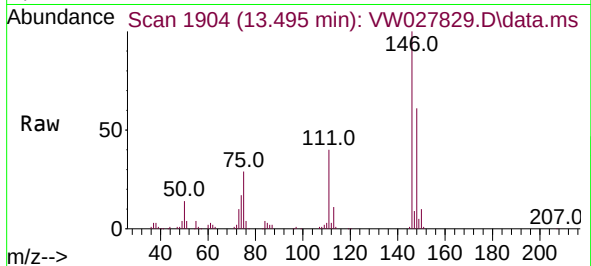




#64
1,3-Dichlorobenzene
Concen: 4.996 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027829.D
Acq: 08 Jan 2024 14:15

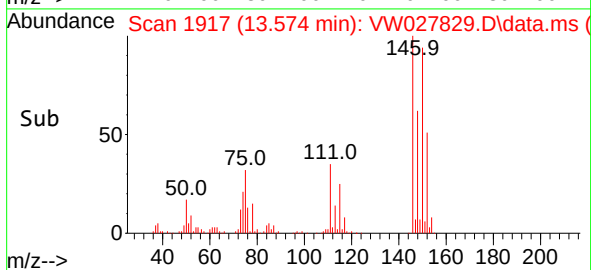
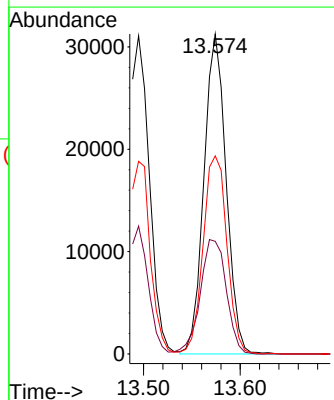
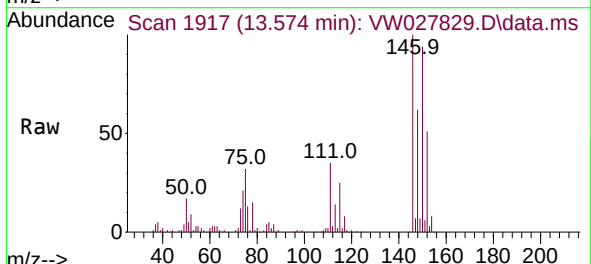
Instrument :
MSVOA_W
ClientSampleId :

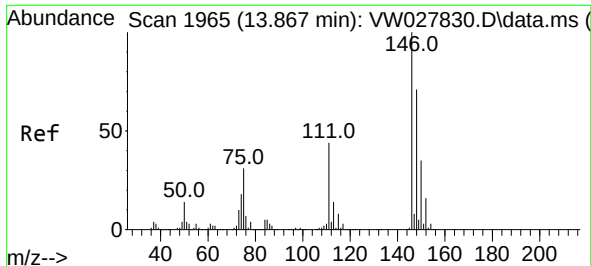
Tgt Ion:146 Resp: 49264
Ion Ratio Lower Upper
146 100
111 40.2 27.2 50.6
148 60.6 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 5.148 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027829.D
Acq: 08 Jan 2024 14:15

Tgt Ion:146 Resp: 50010
Ion Ratio Lower Upper
146 100
111 35.2 26.6 49.4
148 61.9 52.1 96.7





#67

1,2-Dichlorobenzene

Concen: 4.975 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027829.D

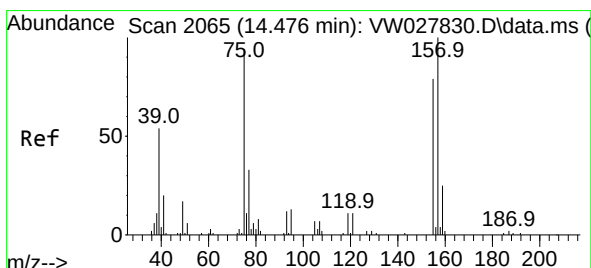
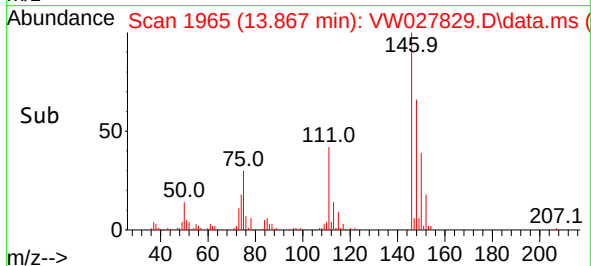
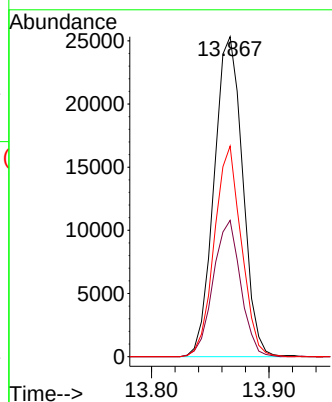
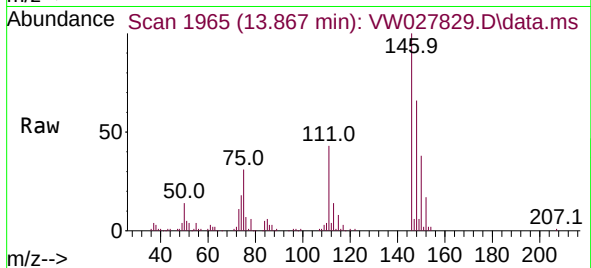
Acq: 08 Jan 2024 14:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:146	Resp:	42760
Ion	Ratio	Lower Upper
146	100	
111	42.6	34.9 52.3
148	65.8	56.6 84.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.521 ug/L

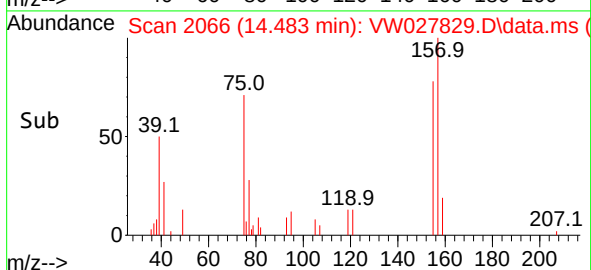
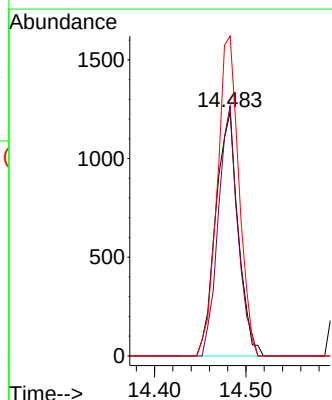
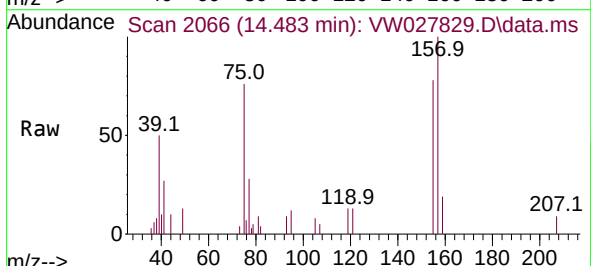
RT: 14.483 min Scan# 2066

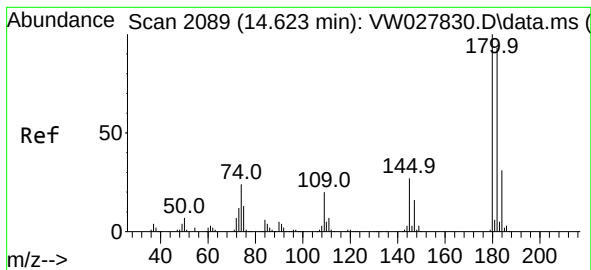
Delta R.T. 0.006 min

Lab File: VW027829.D

Acq: 08 Jan 2024 14:15

Tgt Ion: 75	Resp:	2101
Ion	Ratio	Lower Upper
75	100	
155	102.6	67.8 101.8#
157	131.4	85.4 128.0#





#69

1,3,5-Trichlorobenzene

Concen: 4.980 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

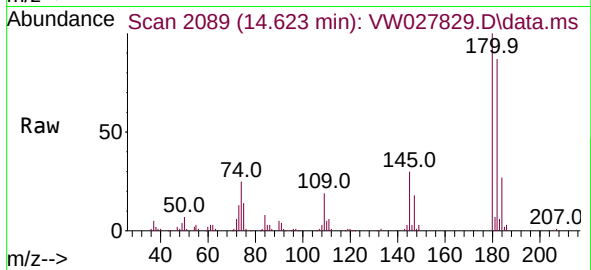
Lab File: VW027829.D

Acq: 08 Jan 2024 14:15

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 34295

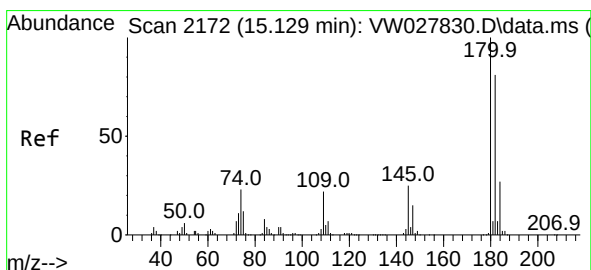
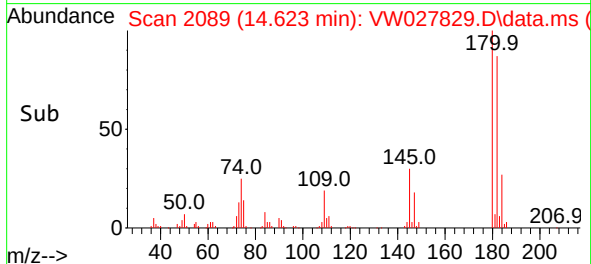
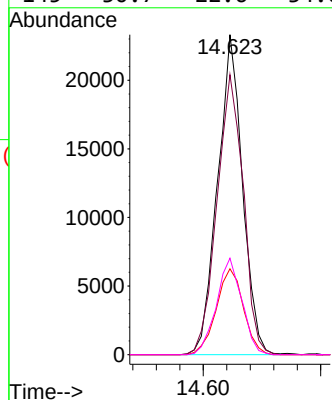
Ion Ratio Lower Upper

180 100

182 92.2 72.6 109.0

184 29.3 22.7 34.1

145 30.7 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 4.821 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW027829.D

Acq: 08 Jan 2024 14:15

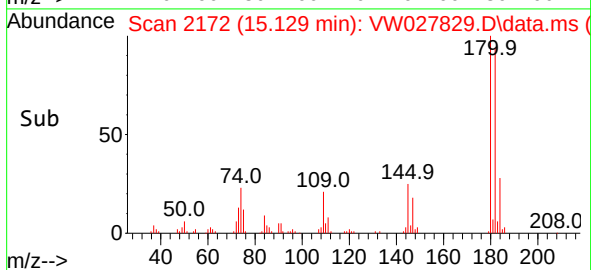
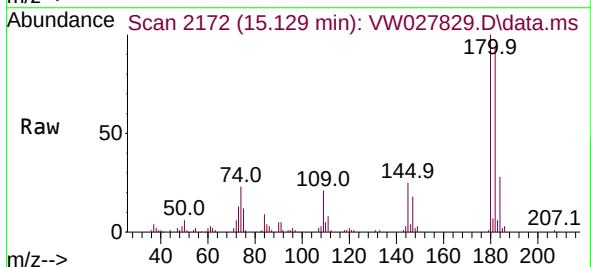
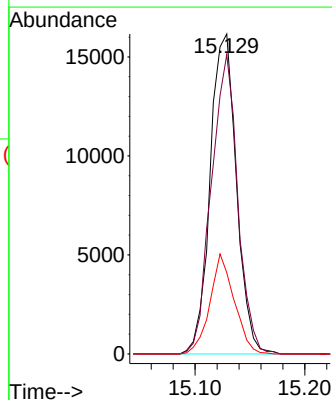
Tgt Ion:180 Resp: 26903

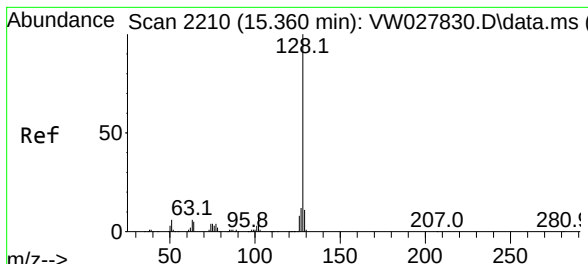
Ion Ratio Lower Upper

180 100

182 94.0 69.4 104.2

145 28.9 23.4 35.2

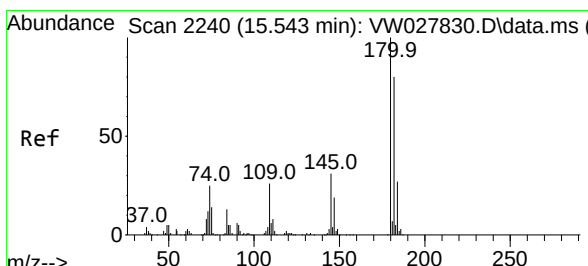
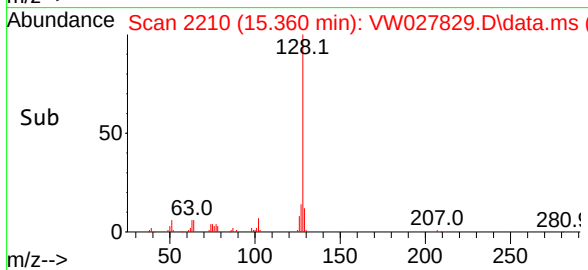
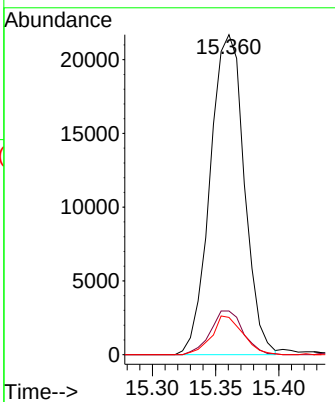
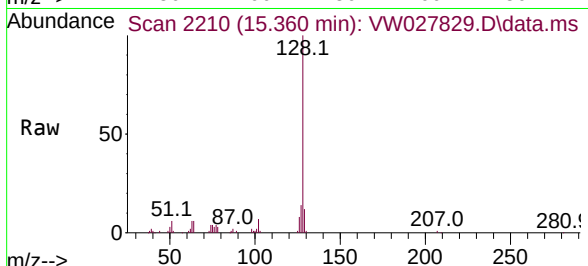




#71
 Naphthalene
 Concen: 4.391 ug/L
 RT: 15.360 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VW027829.D
 Acq: 08 Jan 2024 14:15

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	128	Resp:	40786
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	11.0	8.8	13.2



#72
 1,2,3-Trichlorobenzene
 Concen: 4.636 ug/L
 RT: 15.549 min Scan# 2241
 Delta R.T. 0.006 min
 Lab File: VW027829.D
 Acq: 08 Jan 2024 14:15

Tgt Ion:	180	Resp:	21864
Ion Ratio	Lower	Upper	
180	100		
182	97.5	74.7	112.1
145	33.5	25.0	37.6

