

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101824\
 Data File : VW030672.D
 Acq On : 18 Oct 2024 18:16
 Operator : SY/MD
 Sample : P4429-17MS
 Misc : 4.89g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4F56MS

Quant Time: Oct 19 00:30:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 19 00:23:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	259078	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	242874	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	123014	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	64794	15.911	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.640%
7) Chloroethane-d5	2.899	69	57899	18.783	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.120%
11) 1,1-Dichloroethene-d2	4.027	65	29173	17.224	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.880%
21) 2-Butanone-d5	7.081	46	37698	51.439	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.880%
24) Chloroform-d	7.654	84	156418	21.112	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.440%
26) 1,2-Dichloroethane-d4	8.307	65	81939	21.268	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.080%
32) Benzene-d6	8.276	84	276714	19.630	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.520%
36) 1,2-Dichloropropane-d6	9.276	67	86681	20.951	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.800%
41) Toluene-d8	10.325	98	253938	19.733	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.920%
43) trans-1,3-Dichloroprop...	10.581	79	34670	20.012	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.040%
47) 2-Hexanone-d5	10.922	63	28031	52.601	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.200%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	77232	25.418	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	87010	20.904	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	66290	20.027	ug/L	93
3) Chloromethane	2.222	50	79562	20.681	ug/L	96
5) Vinyl chloride	2.375	62	106502	22.511	ug/L	99
6) Bromomethane	2.789	94	70545	22.654	ug/L	95
8) Chloroethane	2.936	64	69246	23.943	ug/L	98
9) Trichlorofluoromethane	3.271	101	99365	23.472	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	85452	22.436	ug/L	99
12) 1,1-Dichloroethene	4.045	96	75740	21.790	ug/L	92
13) Acetone	4.118	43	46258	43.114	ug/L	98
14) Carbon disulfide	4.387	76	226441	19.949	ug/L	99
15) Methyl Acetate	4.673	43	34234	25.830	ug/L	99
16) Methylene chloride	4.917	84	88652	22.634	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	84262	22.466	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	140014	26.673	ug/L	99
19) 1,1-Dichloroethane	6.222	63	166754	23.921	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	94614	23.650	ug/L	91
22) 2-Butanone	7.173	43	50466	43.635	ug/L	100
23) Bromochloromethane	7.520	128	40373	23.068	ug/L #	94
25) Chloroform	7.679	83	179577	24.106	ug/L	99

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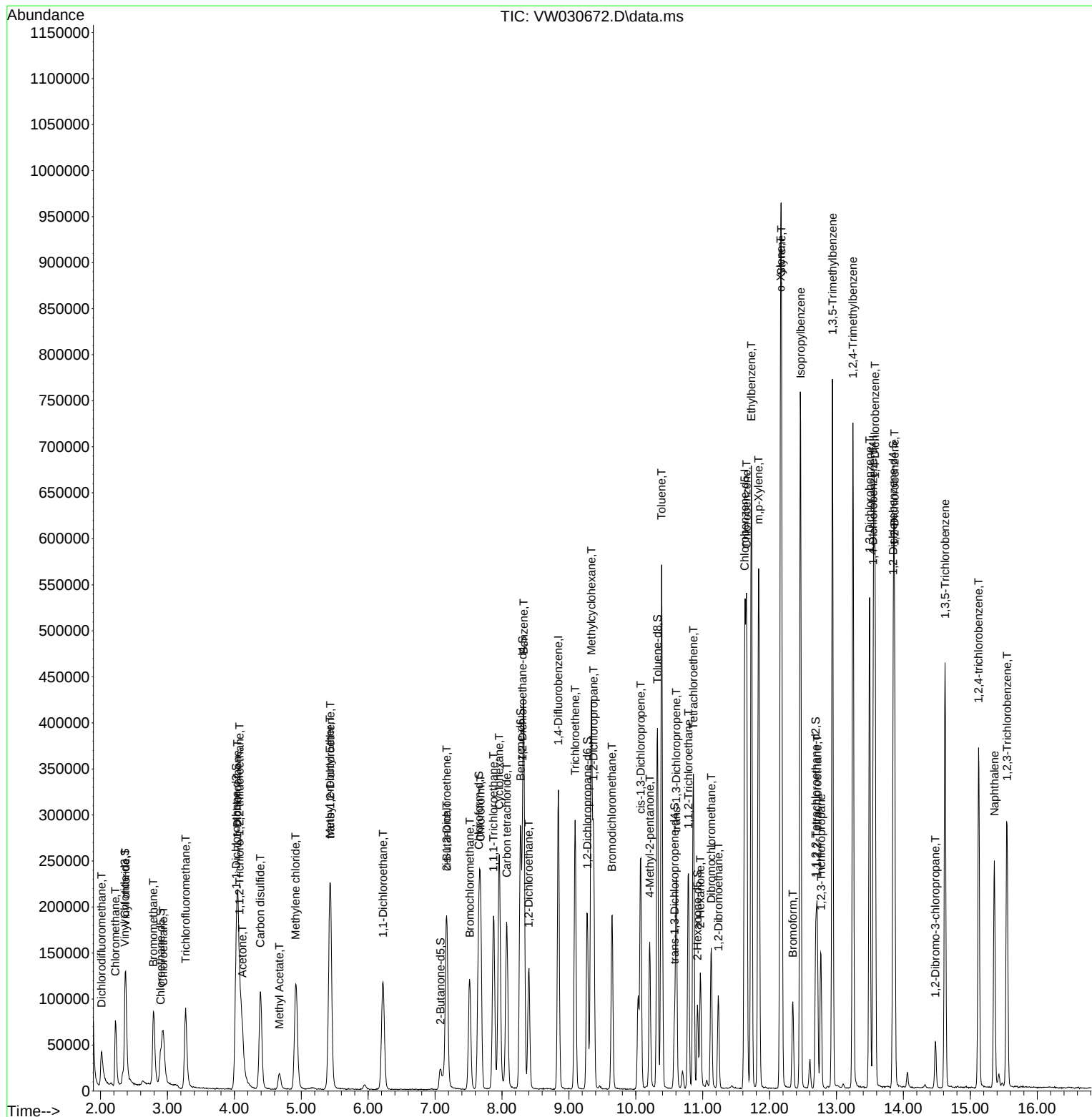
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	118322	24.076	ug/L	98
29) Cyclohexane	7.959	56	136183	23.035	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	147854	22.933	ug/L	98
31) Carbon tetrachloride	8.069	117	128417	22.301	ug/L	99
33) Benzene	8.325	78	370998	23.473	ug/L	100
34) Trichloroethene	9.093	95	99181	22.556	ug/L	96
35) Methylcyclohexane	9.337	83	156411	22.603	ug/L	99
37) 1,2-Dichloropropane	9.368	63	95769	24.261	ug/L	99
38) Bromodichloromethane	9.642	83	124651	23.734	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	143143	24.041	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	101785	53.674	ug/L	98
42) Toluene	10.386	91	401939	23.837	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	119223	23.828	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	70000	24.536	ug/L	93
46) Tetrachloroethene	10.861	164	71969	22.191	ug/L	92
48) 2-Hexanone	10.965	43	76427	49.282	ug/L	96
49) Dibromochloromethane	11.129	129	74952	23.546	ug/L	98
50) 1,2-Dibromoethane	11.233	107	65373	24.557	ug/L	92
51) Chlorobenzene	11.654	112	251464	23.167	ug/L	98
52) Ethylbenzene	11.727	91	459742	23.895	ug/L	96
53) m,p-Xylene	11.837	106	172680	23.956	ug/L	96
54) o-Xylene	12.166	106	163576	24.546	ug/L	88
55) Styrene	12.178	104	279150	24.503	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	83982	26.104	ug/L	99
59) Bromoform	12.349	173	40204	23.262	ug/L	99
60) Isopropylbenzene	12.465	105	466602	24.493	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	59425	24.825	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	372123	24.760	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	365765	24.856	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	200728	24.207	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	200002	23.359	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	176216	24.150	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	12771	23.927	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	132995	24.322	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	105647	24.000	ug/L	99
71) Naphthalene	15.360	128	195931	25.763	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	93944	24.617	ug/L	97

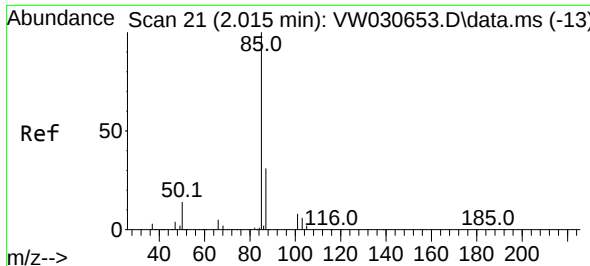
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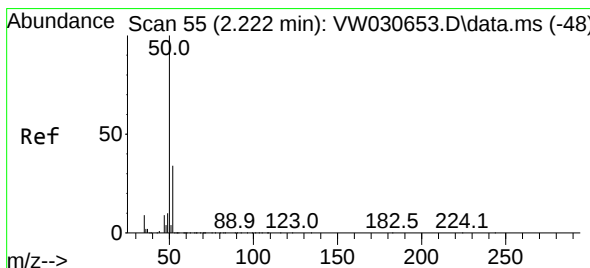
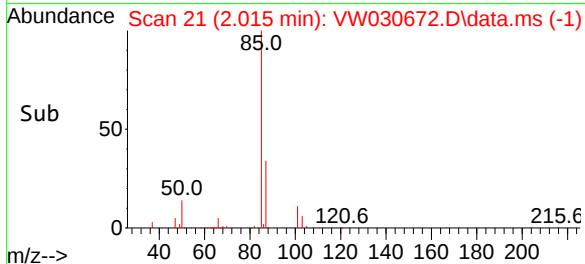
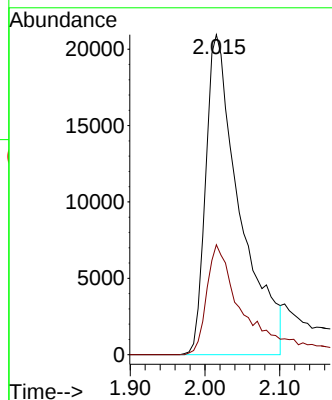
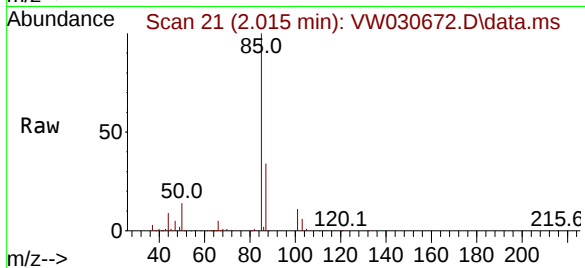




#2
Dichlorodifluoromethane
Concen: 20.027 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

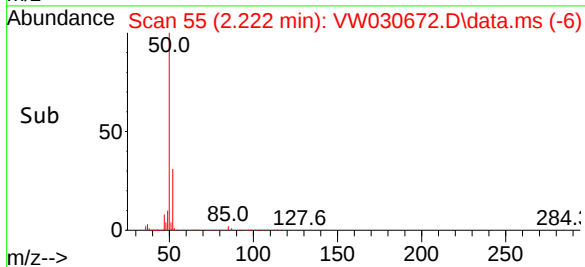
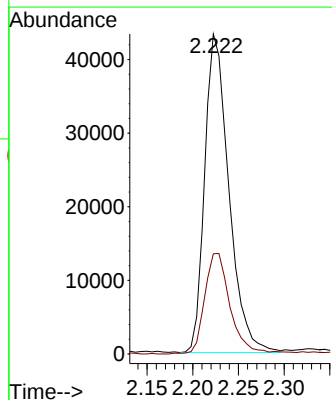
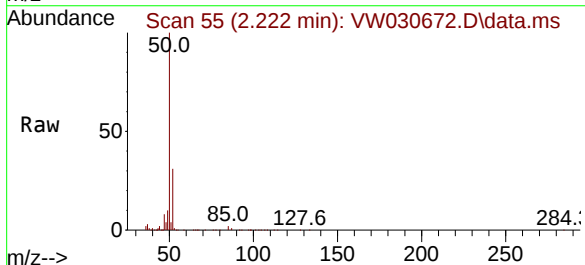
Instrument :
MSVOA_W
ClientSampleId :
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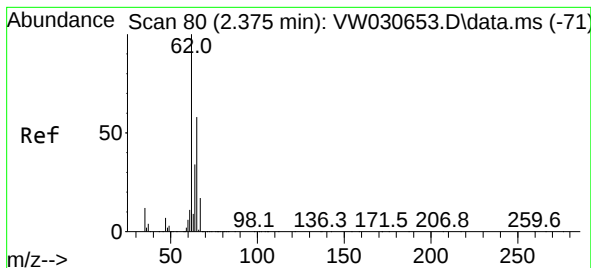
Tgt Ion: 85 Resp: 66290
Ion Ratio Lower Upper
85 100
87 33.5 23.8 35.6



#3
Chloromethane
Concen: 20.681 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

Tgt Ion: 50 Resp: 79562
Ion Ratio Lower Upper
50 100
52 31.3 23.7 43.9





#5

Vinyl chloride

Concen: 22.511 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW030672.D

Acq: 18 Oct 2024 18:16

Instrument :

MSVOA_W

ClientSampleId :

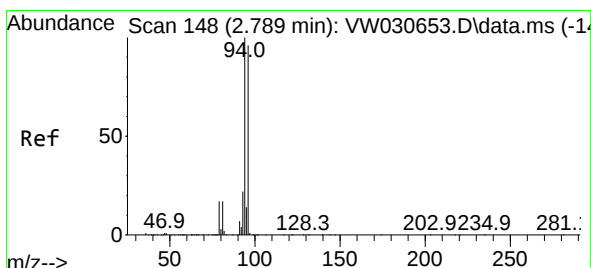
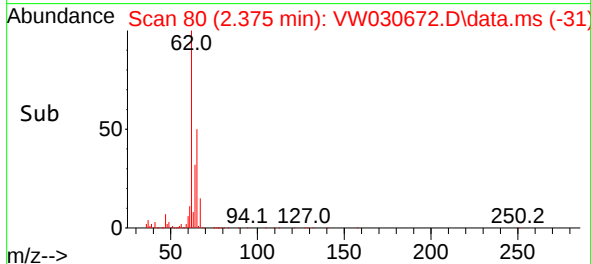
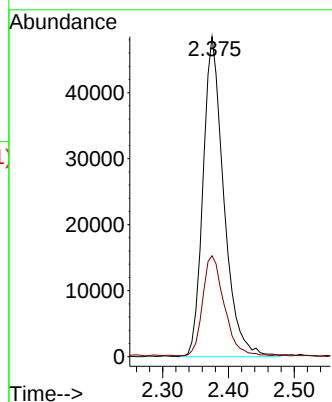
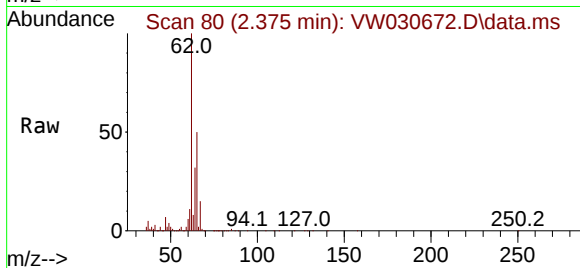
A4F56MS

Tgt Ion: 62 Resp: 106502

Ion Ratio Lower Upper

62 100

64 31.6 22.6 42.0



#6

Bromomethane

Concen: 22.654 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW030672.D

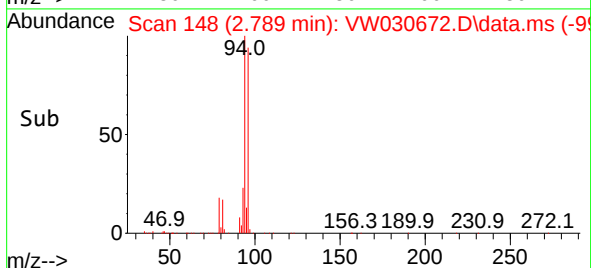
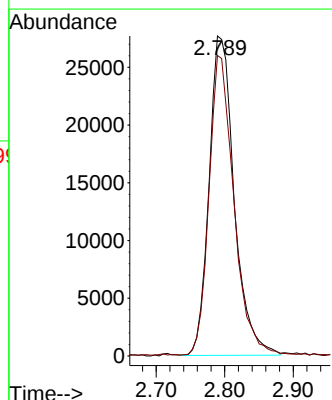
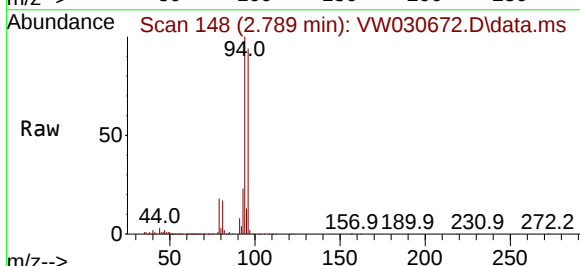
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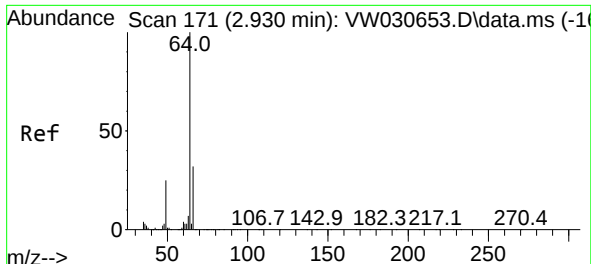
Tgt Ion: 94 Resp: 70545

Ion Ratio Lower Upper

94 100

96 93.9 62.6 116.2

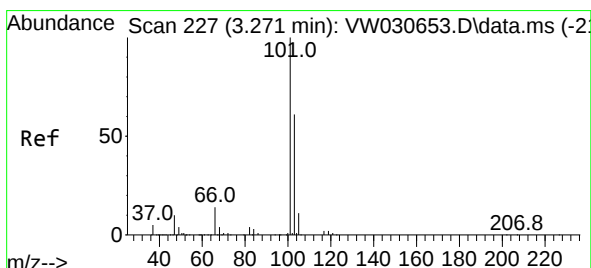
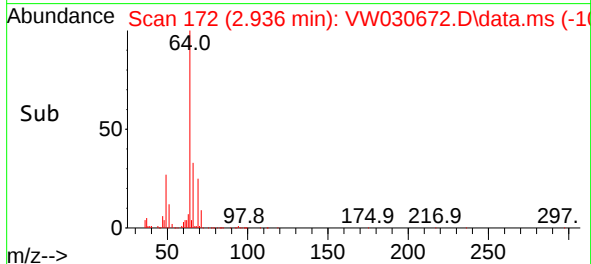
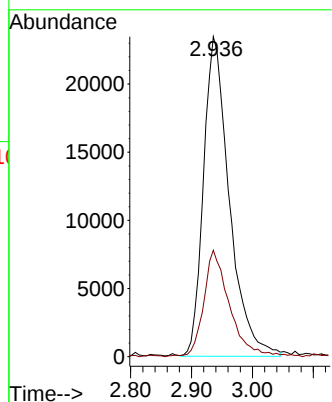
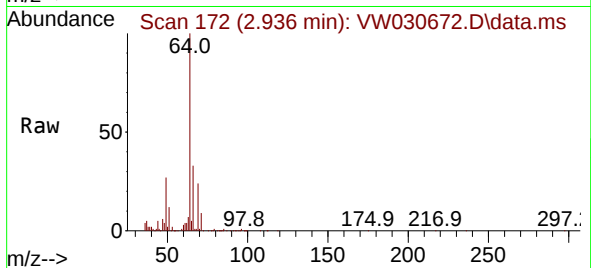




#8
Chloroethane
Concen: 23.943 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

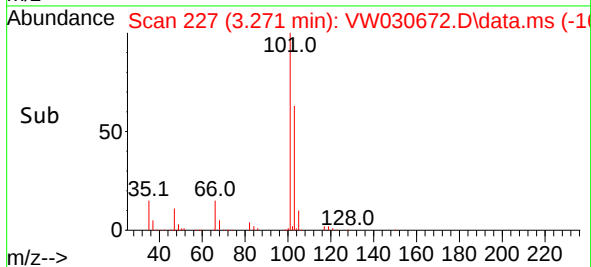
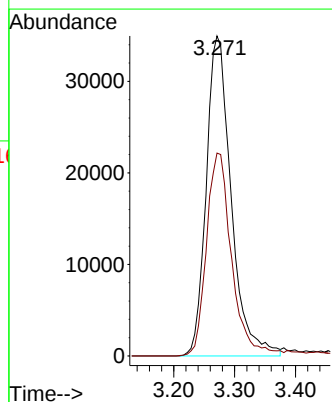
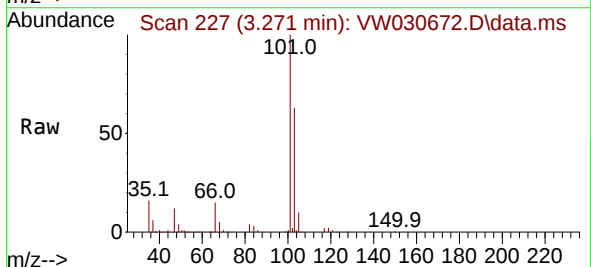
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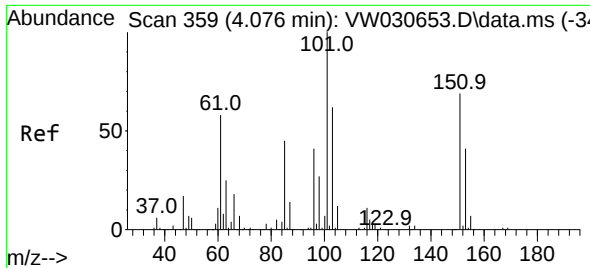
Tgt Ion: 64 Resp: 69246
Ion Ratio Lower Upper
64 100
66 33.3 22.3 41.5



#9
Trichlorofluoromethane
Concen: 23.472 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

Tgt Ion:101 Resp: 99365
Ion Ratio Lower Upper
101 100
103 63.5 51.1 76.7

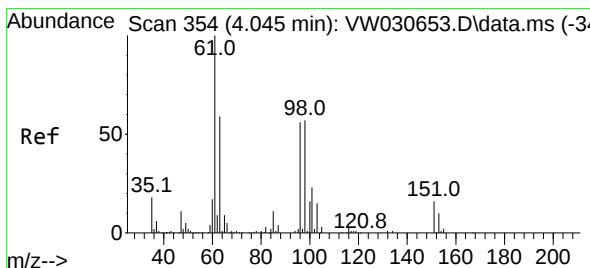
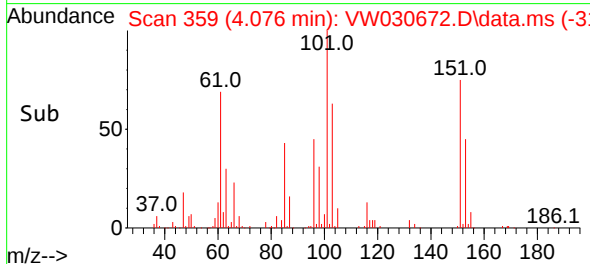
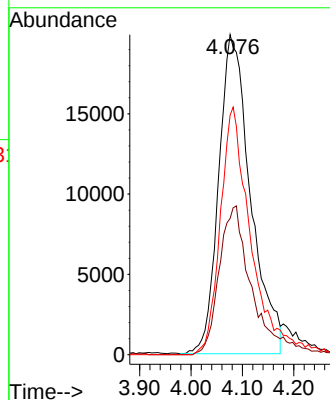
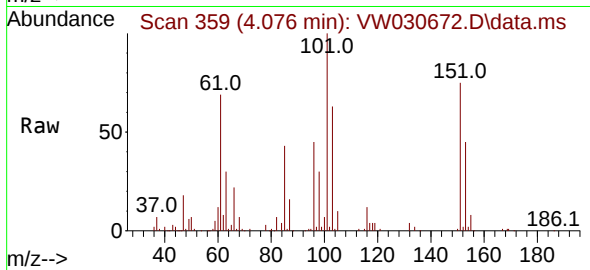




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.436 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW030672.D
 Acq: 18 Oct 2024 18:16

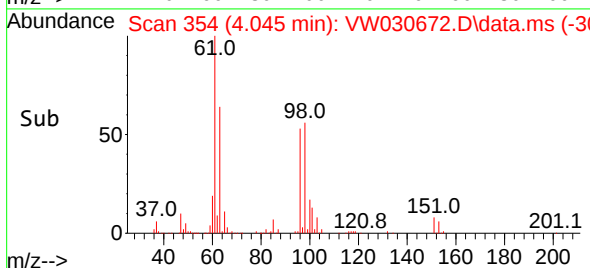
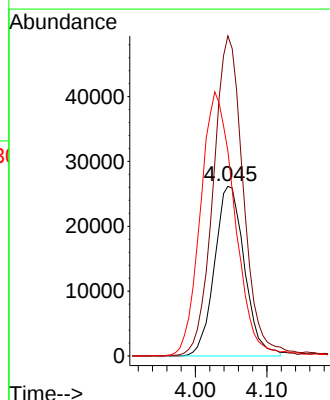
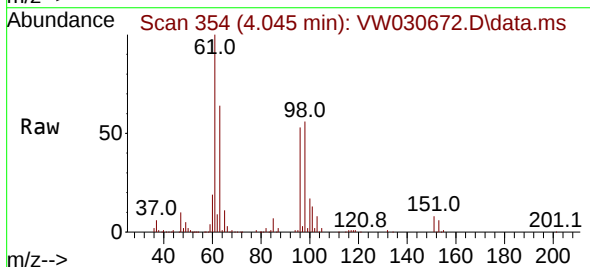
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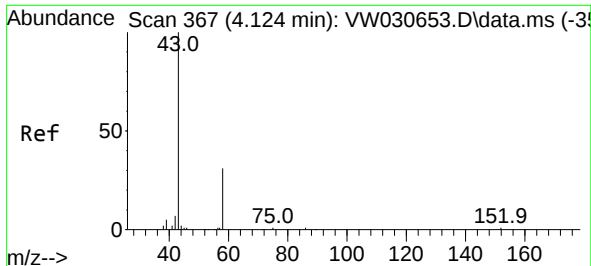
Tgt Ion:101 Resp: 85452
 Ion Ratio Lower Upper
 101 100
 85 45.3 35.7 53.5
 151 70.0 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 21.790 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW030672.D
 Acq: 18 Oct 2024 18:16

Tgt Ion: 96 Resp: 75740
 Ion Ratio Lower Upper
 96 100
 61 188.6 121.3 225.3
 63 120.8 87.6 162.8





#13

Acetone

Concen: 43.114 ug/L

RT: 4.118 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW030672.D

Acq: 18 Oct 2024 18:16

Instrument :

MSVOA_W

ClientSampleId :

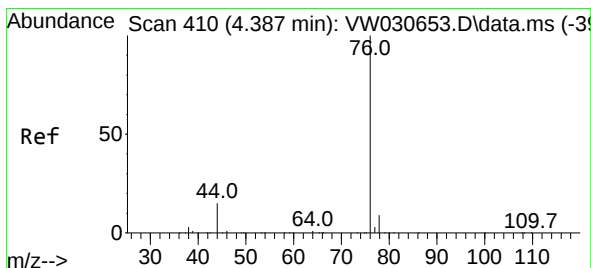
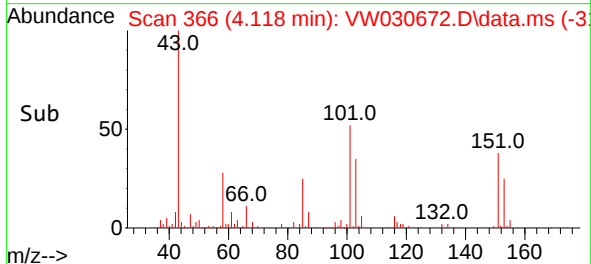
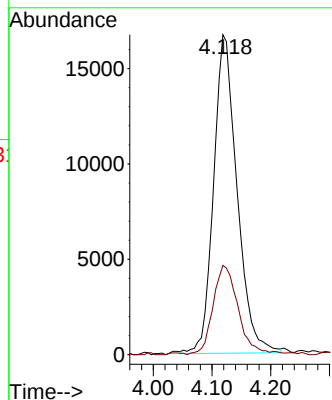
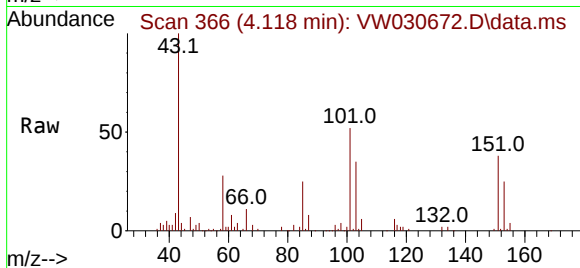
A4F56MS

Tgt Ion: 43 Resp: 46258

Ion Ratio Lower Upper

43 100

58 29.8 0.0 57.6



#14

Carbon disulfide

Concen: 19.949 ug/L

RT: 4.387 min Scan# 410

Delta R.T. 0.000 min

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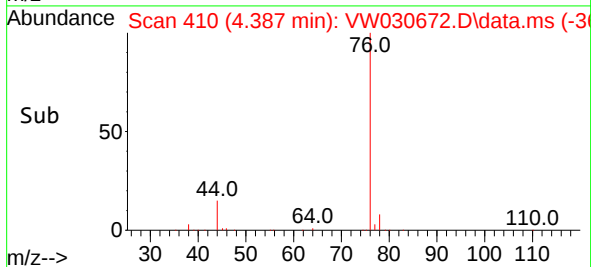
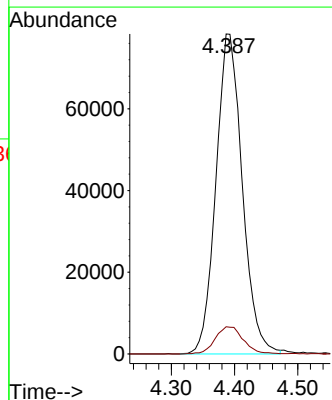
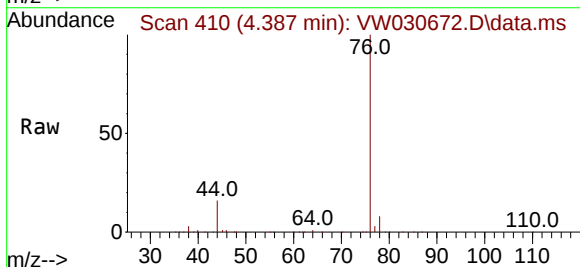
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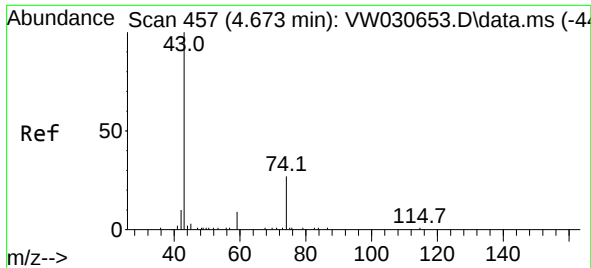
Tgt Ion: 76 Resp: 226441

Ion Ratio Lower Upper

76 100

78 8.5 7.1 10.7

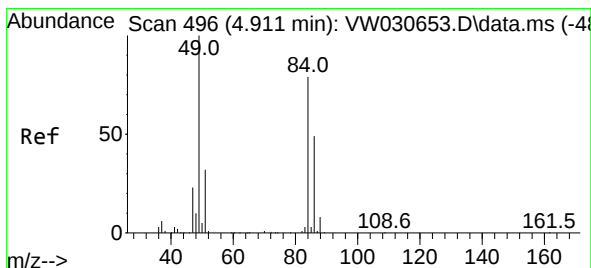
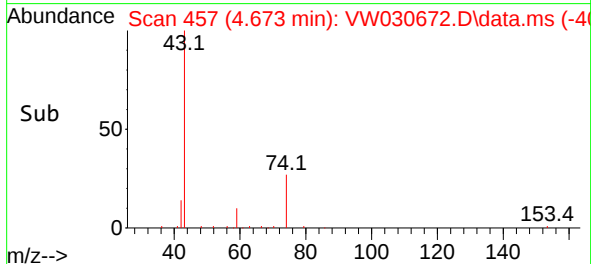
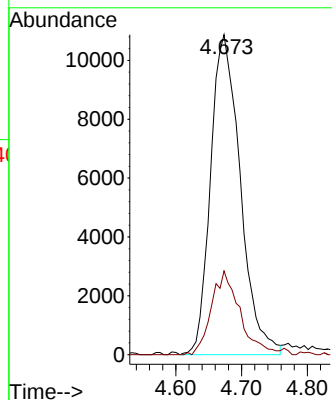
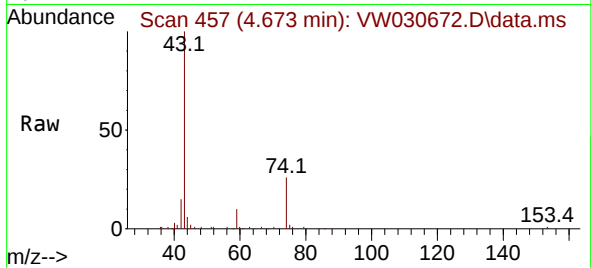




#15
Methyl Acetate
Concen: 25.830 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

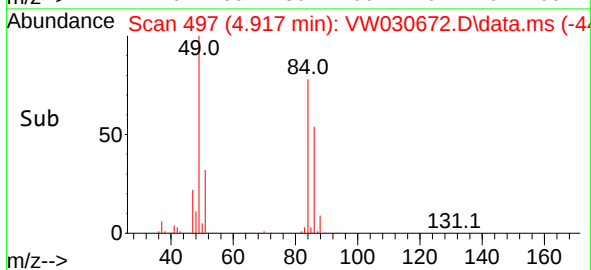
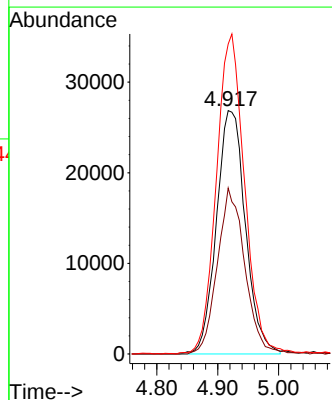
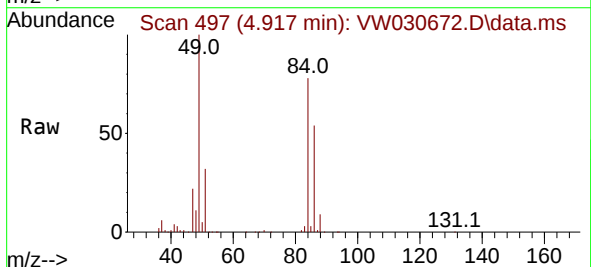
Instrument :
MSVOA_W
ClientSampleId :
A4F56MS

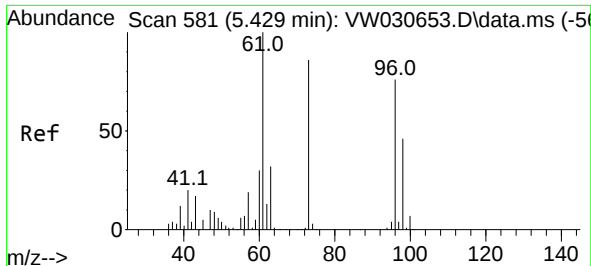
Tgt Ion: 43 Resp: 34234
Ion Ratio Lower Upper
43 100
74 24.8 19.3 28.9



#16
Methylene chloride
Concen: 22.634 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

Tgt Ion: 84 Resp: 88652
Ion Ratio Lower Upper
84 100
86 68.2 43.8 81.3
49 127.4 88.3 164.1

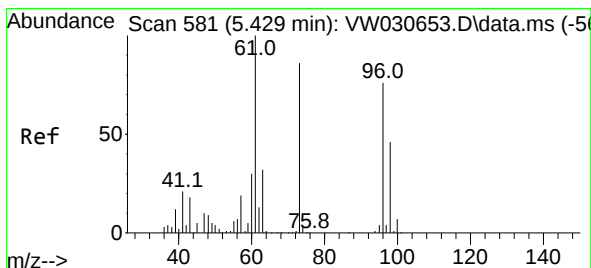
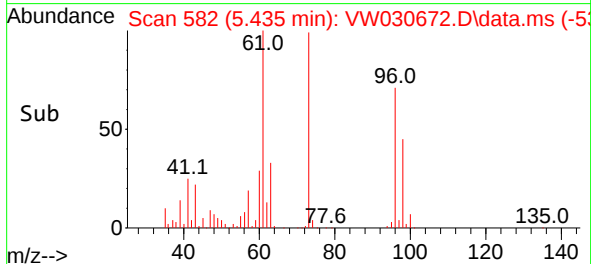
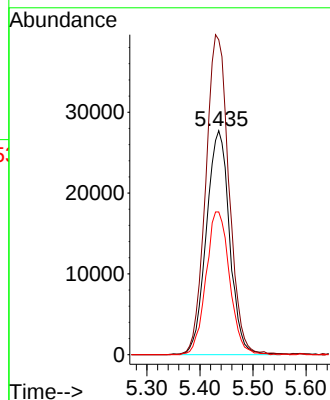
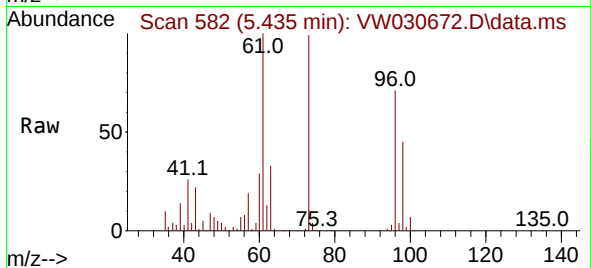




#17
trans-1,2-Dichloroethene
Concen: 22.466 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

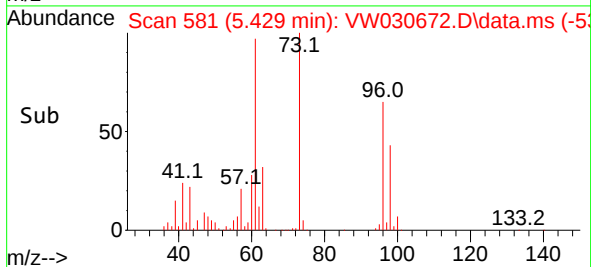
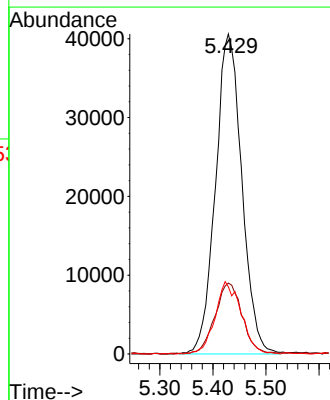
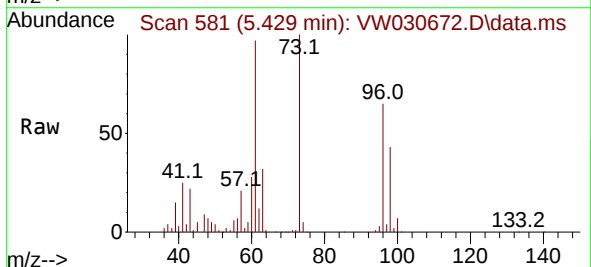
Instrument :
MSVOA_W
ClientSampleId :
A4F56MS

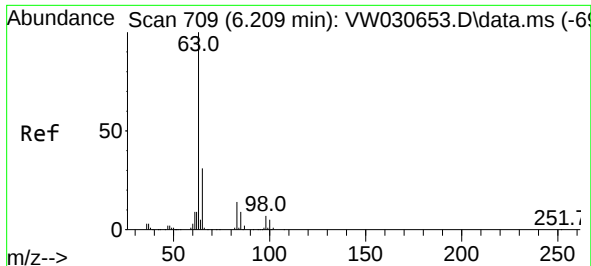
Tgt Ion: 96 Resp: 84262
Ion Ratio Lower Upper
96 100
61 140.6 96.9 179.9
98 63.7 42.2 78.4



#18
Methyl tert-butyl Ether
Concen: 26.673 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

Tgt Ion: 73 Resp: 140014
Ion Ratio Lower Upper
73 100
43 22.3 18.1 27.1
57 22.3 17.7 26.5

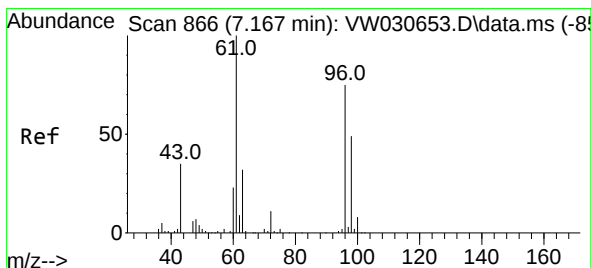
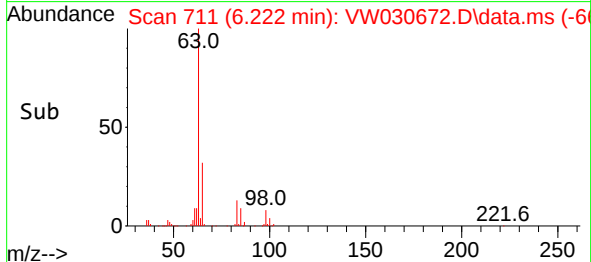
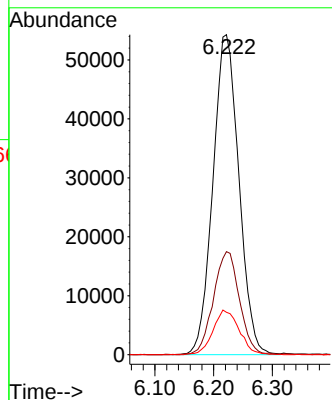
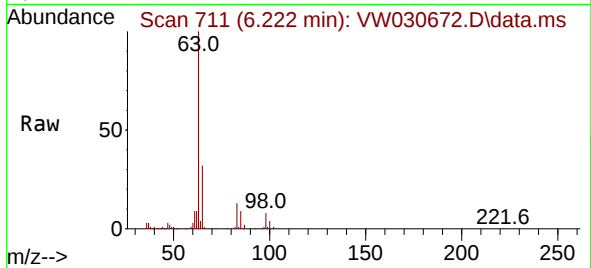




#19
1,1-Dichloroethane
Concen: 23.921 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.012 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

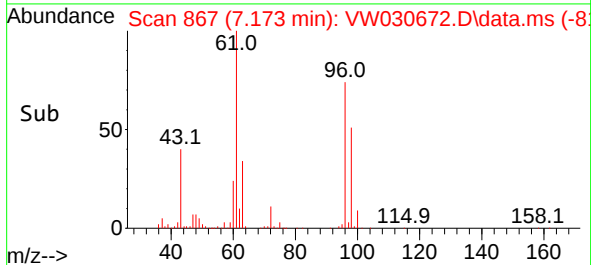
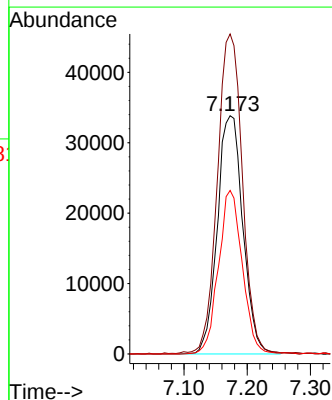
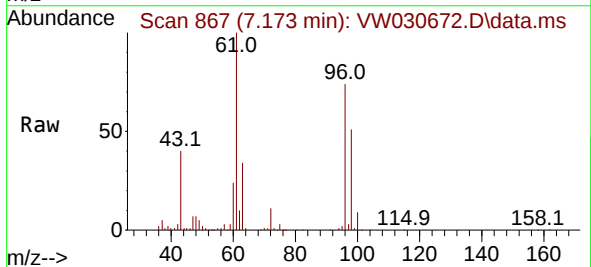
Instrument :
MSVOA_W
ClientSampleId :
A4F56MS

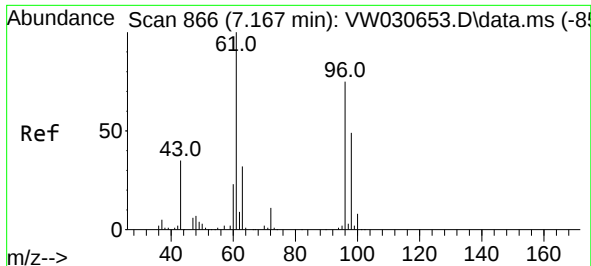
Tgt Ion: 63 Resp: 166754
Ion Ratio Lower Upper
63 100
65 32.2 22.5 41.9
83 13.3 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 23.650 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

Tgt Ion: 96 Resp: 94614
Ion Ratio Lower Upper
96 100
61 134.3 88.3 163.9
98 68.6 41.3 76.7

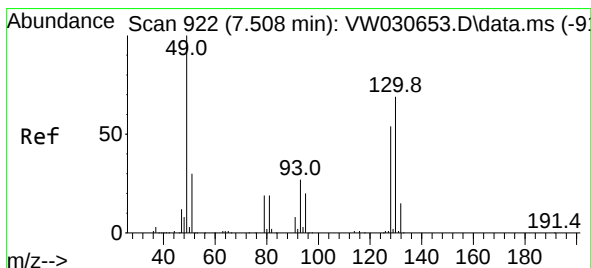
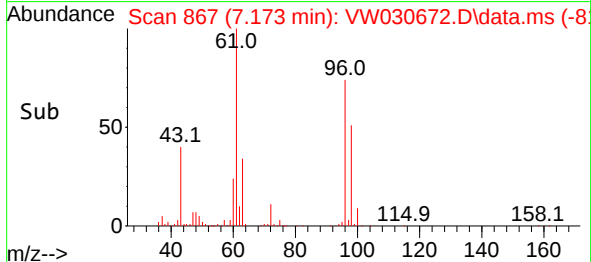
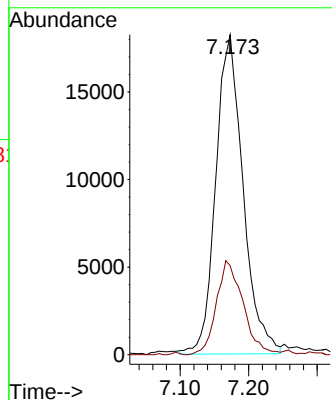
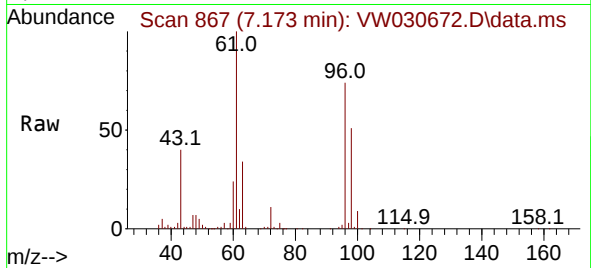




#22
2-Butanone
Concen: 43.635 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

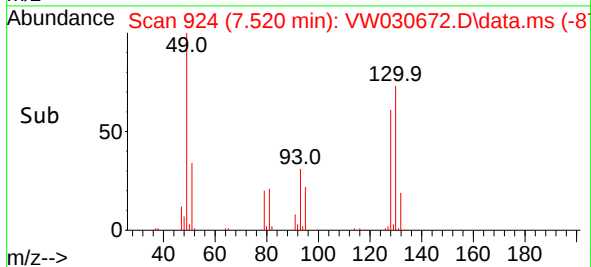
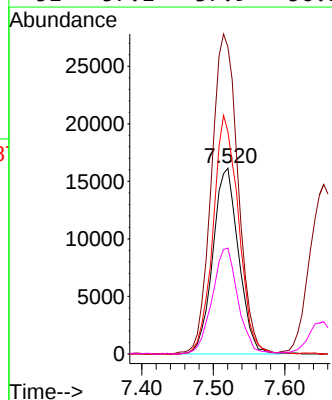
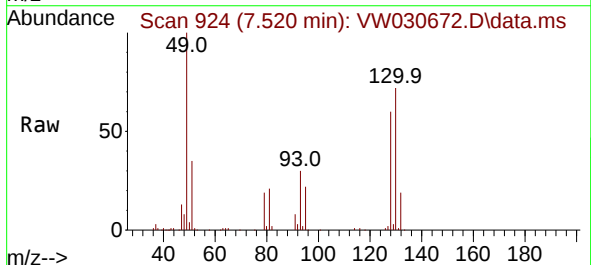
Instrument :
MSVOA_W
ClientSampleId :
A4F56MS

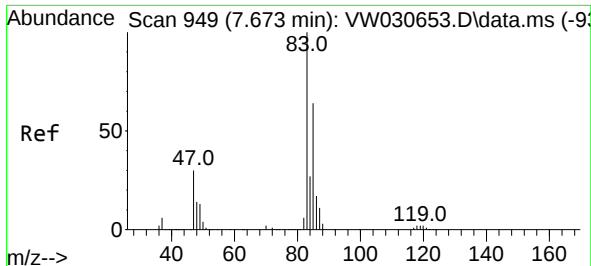
Tgt Ion: 43 Resp: 50466
Ion Ratio Lower Upper
43 100
72 28.7 14.4 43.0



#23
Bromochloromethane
Concen: 23.068 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.012 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

Tgt Ion: 128 Resp: 40373
Ion Ratio Lower Upper
128 100
49 165.4 110.1 204.5
130 119.8 82.9 153.9
51 57.1 37.9 56.9#

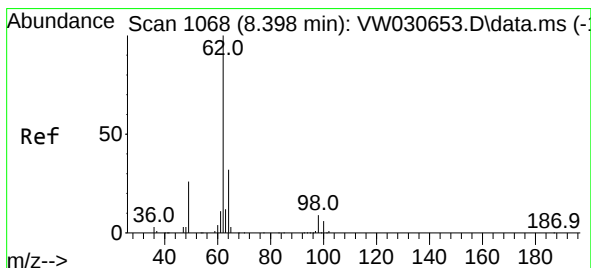
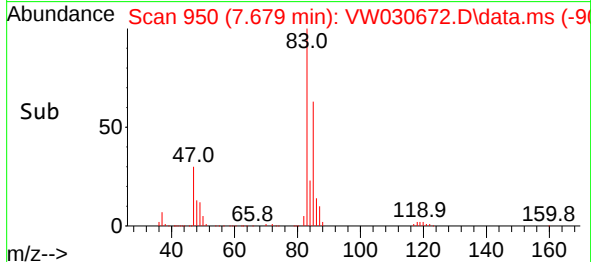
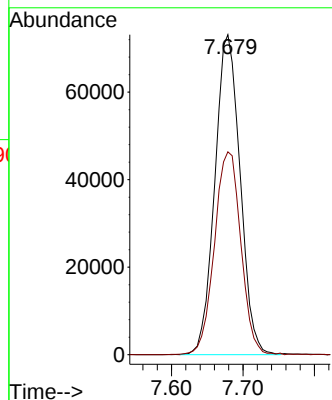
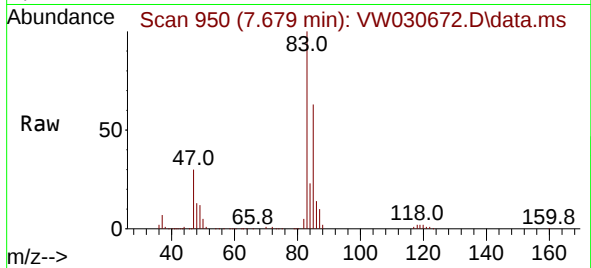




#25
Chloroform
Concen: 24.106 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

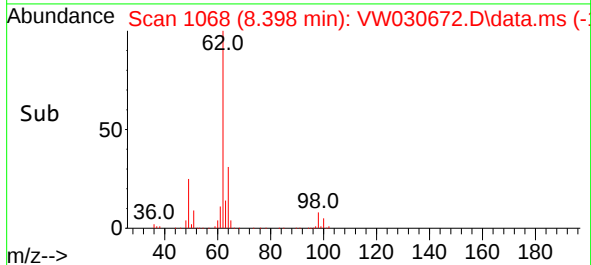
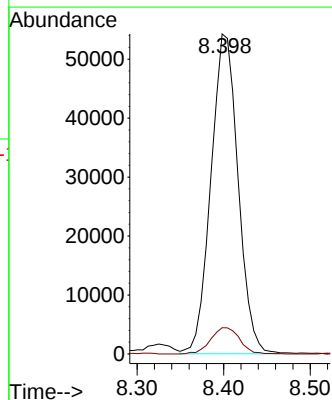
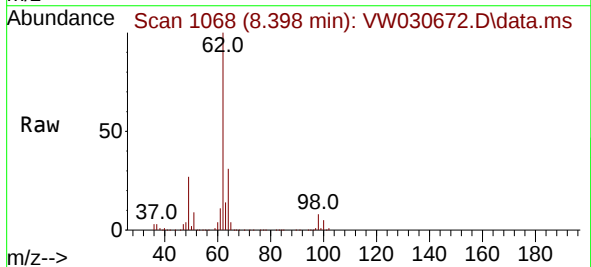
Instrument :
MSVOA_W
ClientSampleId :
A4F56MS

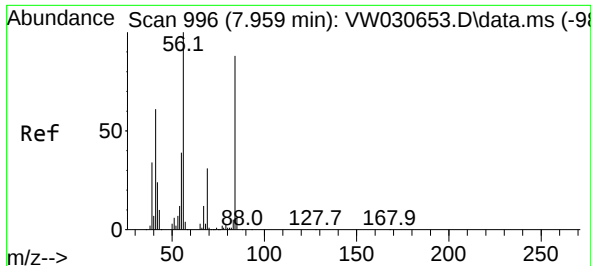
Tgt Ion: 83 Resp: 179577
Ion Ratio Lower Upper
83 100
85 63.4 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.076 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

Tgt Ion: 62 Resp: 118322
Ion Ratio Lower Upper
62 100
98 8.2 7.0 10.6





#29

Cyclohexane

Concen: 23.035 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW030672.D

Acq: 18 Oct 2024 18:16

Instrument :

MSVOA_W

ClientSampleId :

A4F56MS

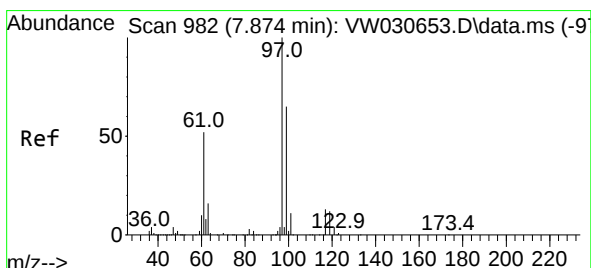
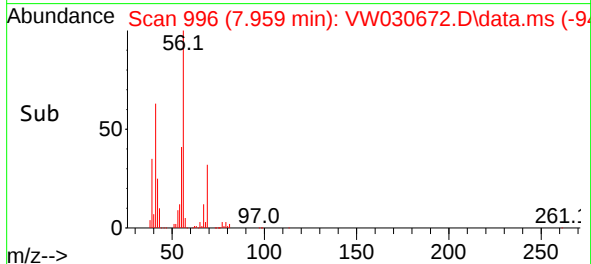
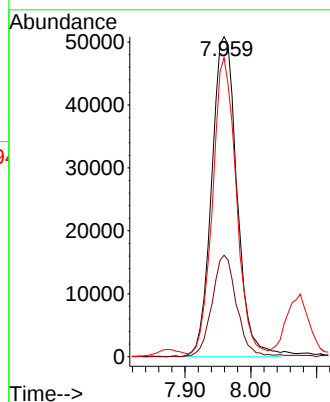
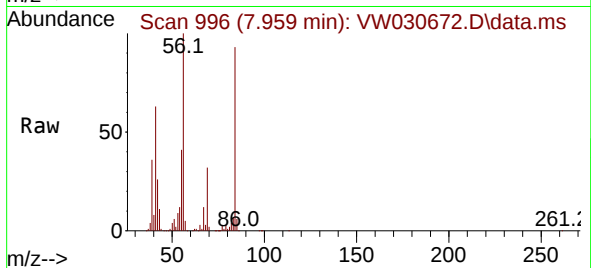
Tgt Ion: 56 Resp: 136183

Ion Ratio Lower Upper

56 100

69 30.5 25.4 38.0

84 87.8 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 22.933 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW030672.D

Acq: 18 Oct 2024 18:16

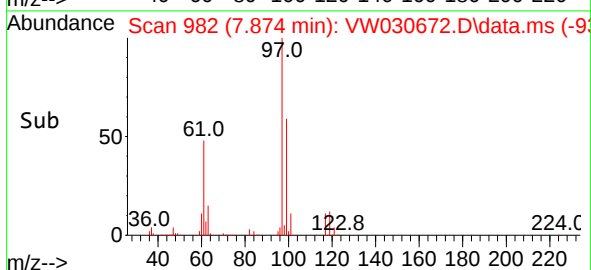
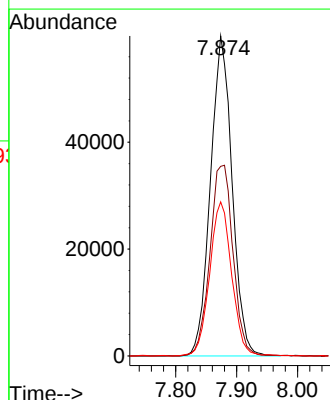
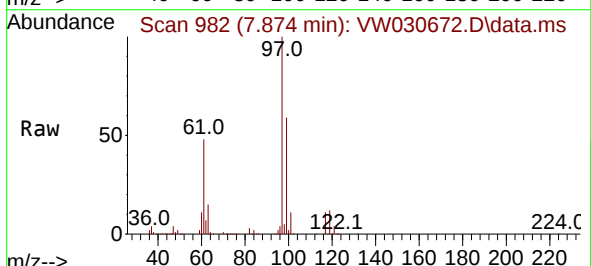
Tgt Ion: 97 Resp: 147854

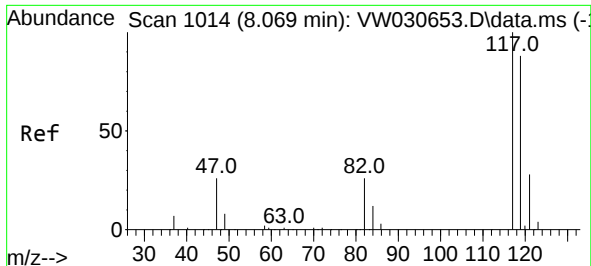
Ion Ratio Lower Upper

97 100

99 63.6 52.3 78.5

61 48.8 38.5 57.7

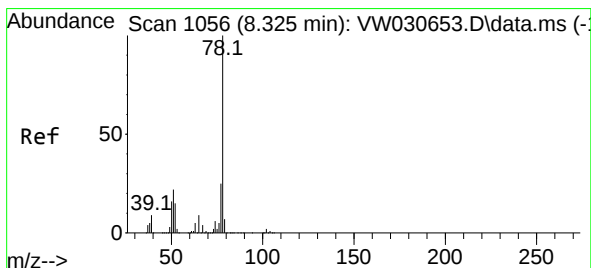
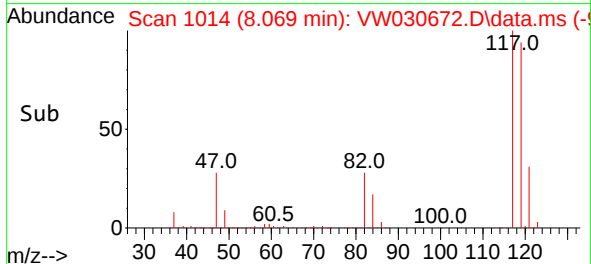
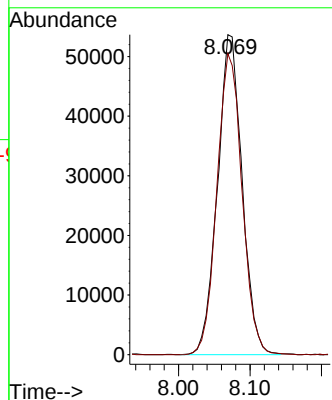
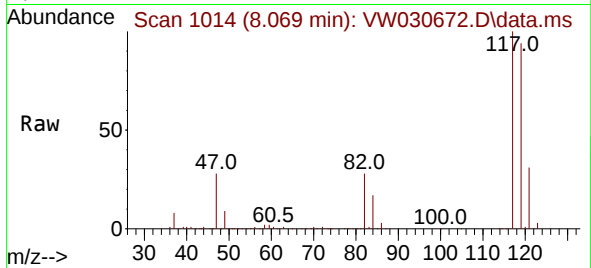




#31
Carbon tetrachloride
Concen: 22.301 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

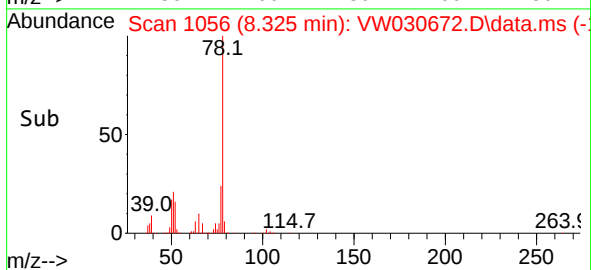
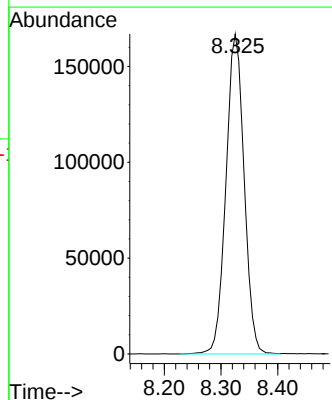
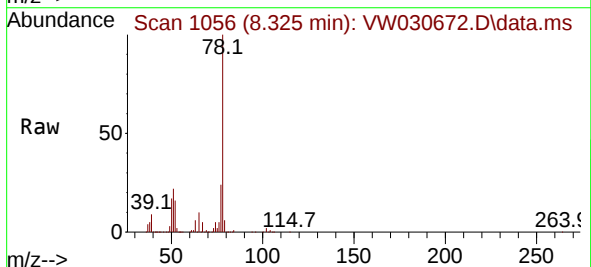
Instrument :
MSVOA_W
ClientSampleId :
A4F56MS

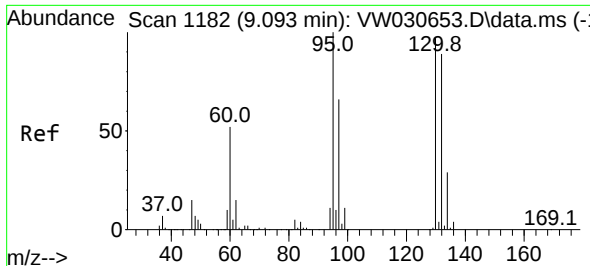
Tgt Ion:117 Resp: 128417
Ion Ratio Lower Upper
117 100
119 96.0 77.8 116.8



#33
Benzene
Concen: 23.473 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

Tgt Ion: 78 Resp: 370998



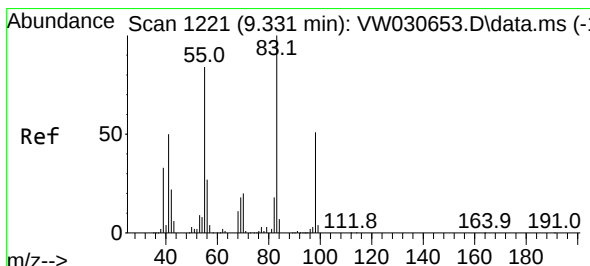
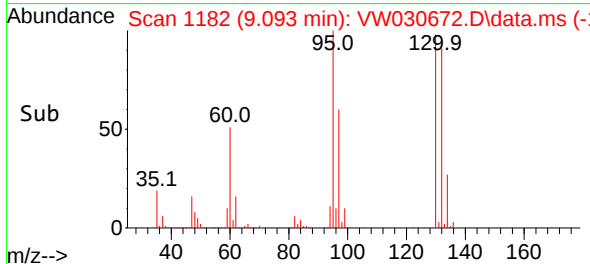
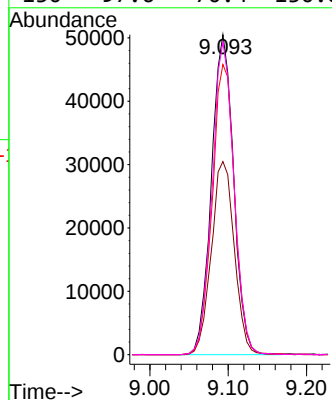
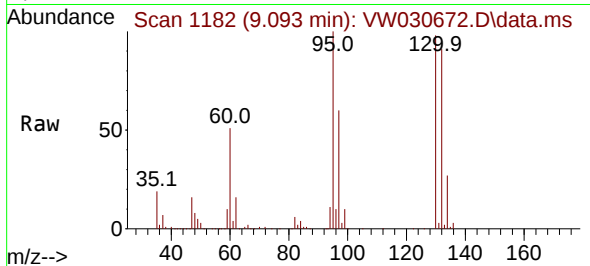


#34
Trichloroethene
Concen: 22.556 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

Instrument :
MSVOA_W
ClientSampleId :
A4F56MS

Tgt Ion: 95 Resp: 99181

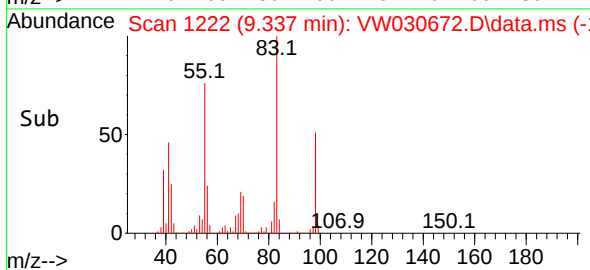
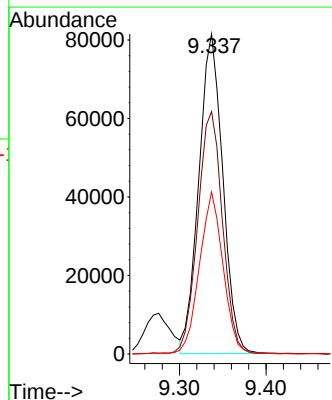
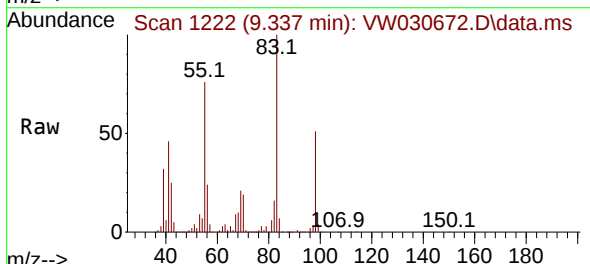
Ion	Ratio	Lower	Upper
95	100		
97	60.3	45.9	85.3
132	90.7	66.4	123.2
130	97.6	70.4	130.8

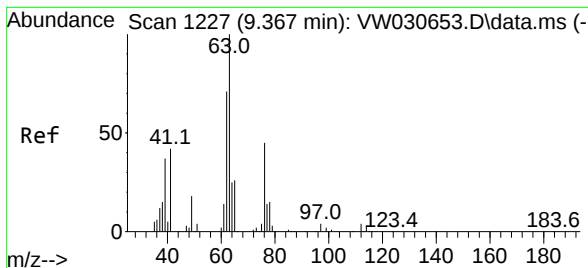


#35
Methylcyclohexane
Concen: 22.603 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

Tgt Ion: 83 Resp: 156411

Ion	Ratio	Lower	Upper
83	100		
55	78.4	61.8	92.8
98	49.9	39.3	58.9





#37

1,2-Dichloropropane

Concen: 24.261 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030672.D

Acq: 18 Oct 2024 18:16

Instrument :

MSVOA_W

ClientSampleId :

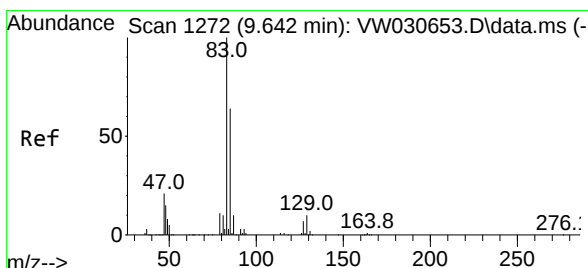
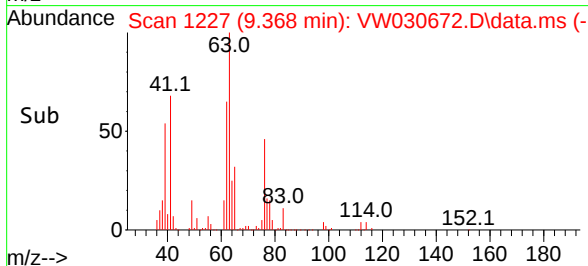
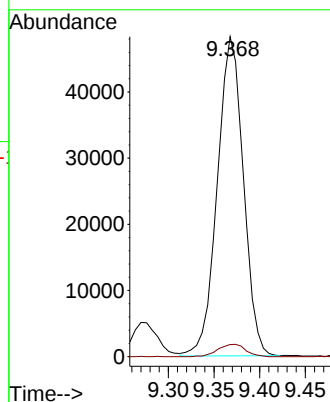
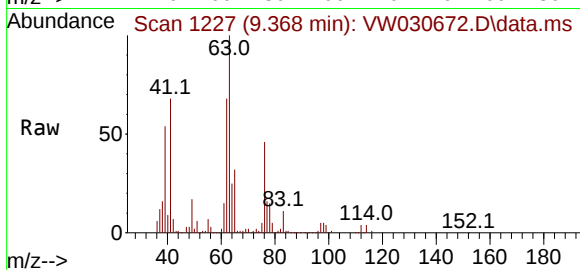
A4F56MS

Tgt Ion: 63 Resp: 95769

Ion Ratio Lower Upper

63 100

112 4.1 3.7 5.5



#38

Bromodichloromethane

Concen: 23.734 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030672.D

Acq: 18 Oct 2024 18:16

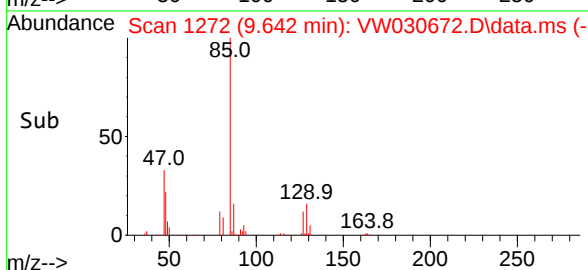
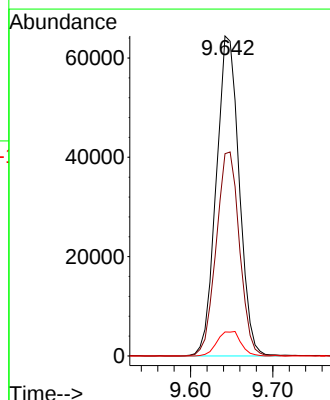
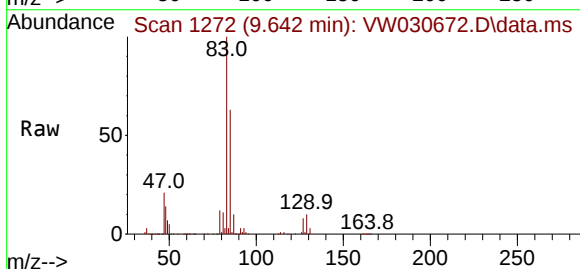
Tgt Ion: 83 Resp: 124651

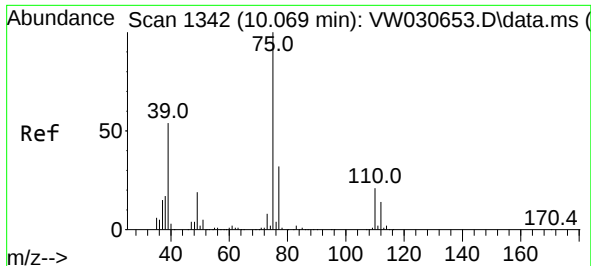
Ion Ratio Lower Upper

83 100

85 63.2 44.2 82.0

127 7.5 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 24.041 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW030672.D

Acq: 18 Oct 2024 18:16

Instrument :

MSVOA_W

ClientSampleId :

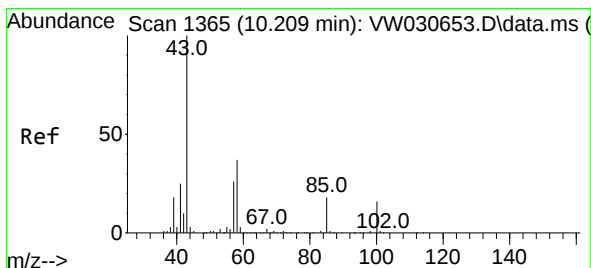
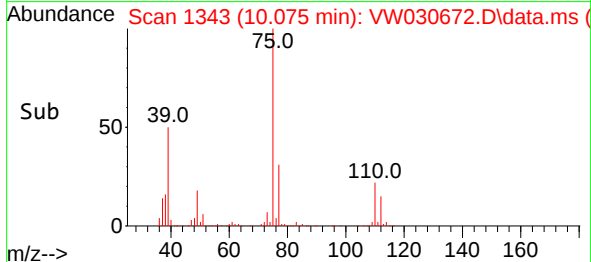
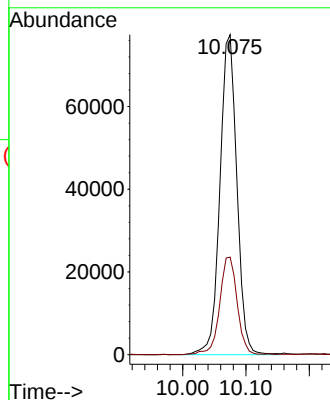
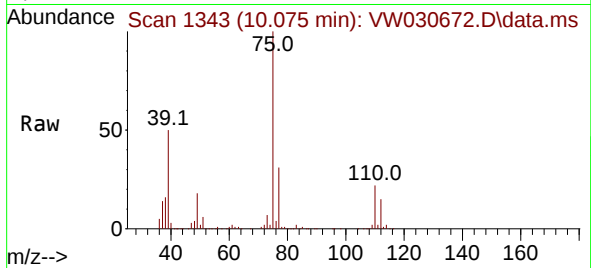
A4F56MS

Tgt Ion: 75 Resp: 143143

Ion Ratio Lower Upper

75 100

77 30.5 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 53.674 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030672.D

Acq: 18 Oct 2024 18:16

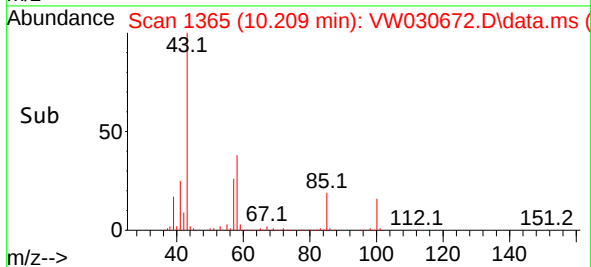
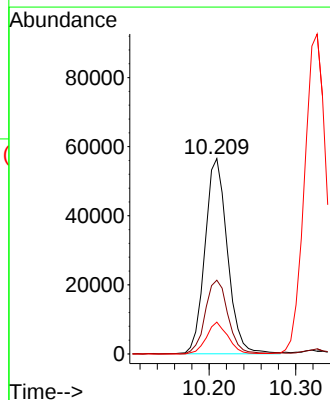
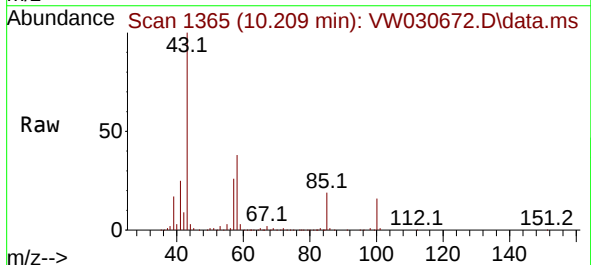
Tgt Ion: 43 Resp: 101785

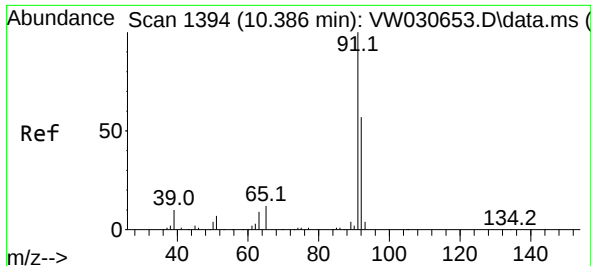
Ion Ratio Lower Upper

43 100

58 38.4 31.4 47.2

100 15.6 13.1 19.7

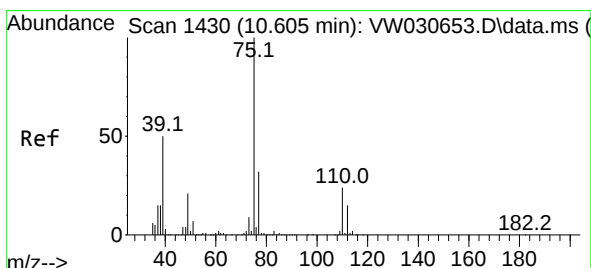
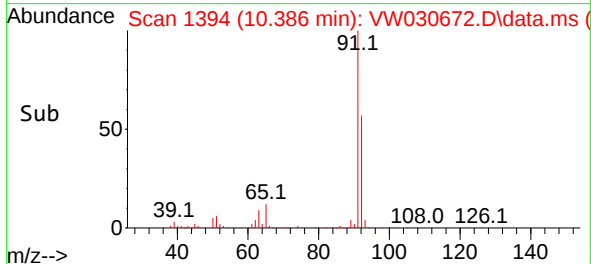
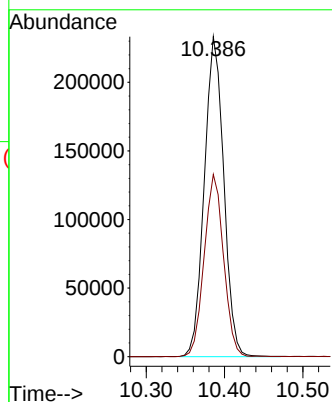
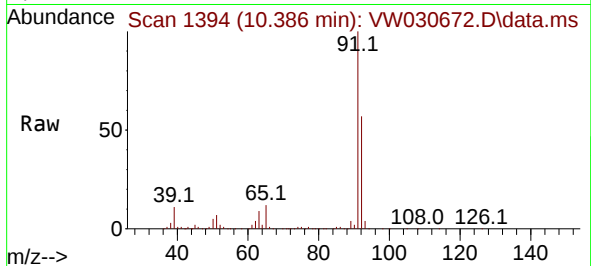




#42
Toluene
Concen: 23.837 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

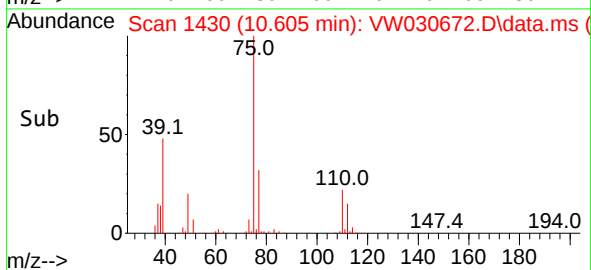
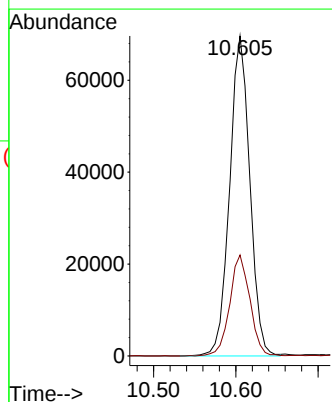
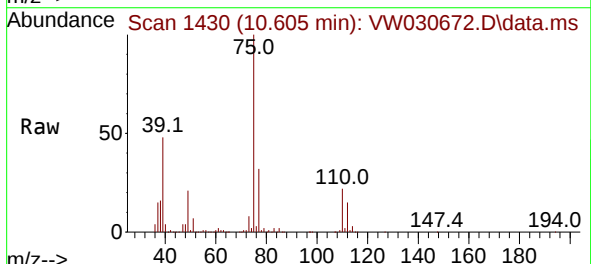
Instrument :
MSVOA_W
ClientSampleId :
A4F56MS

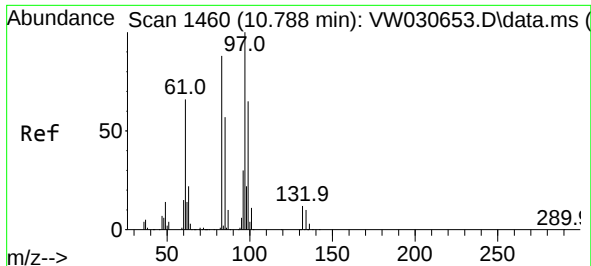
Tgt Ion: 91 Resp: 401939
Ion Ratio Lower Upper
91 100
92 57.0 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 23.828 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

Tgt Ion: 75 Resp: 119223
Ion Ratio Lower Upper
75 100
77 31.6 21.6 40.2

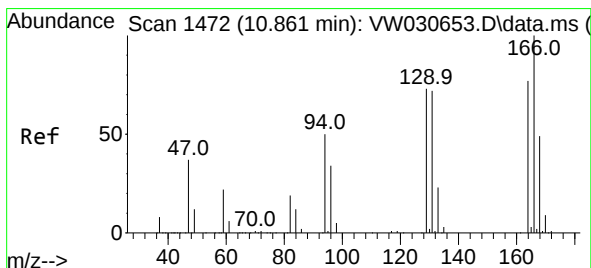
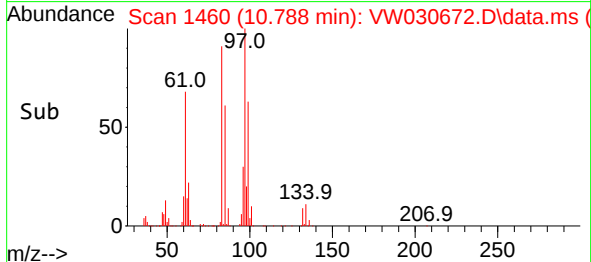
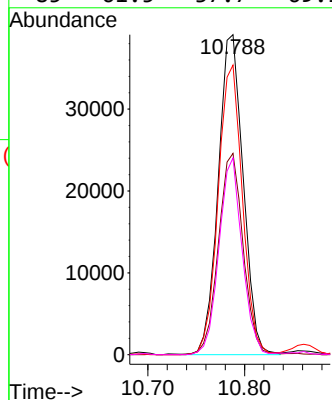
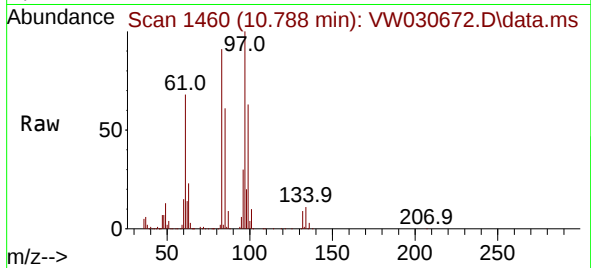




#45
1,1,2-Trichloroethane
Concen: 24.536 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

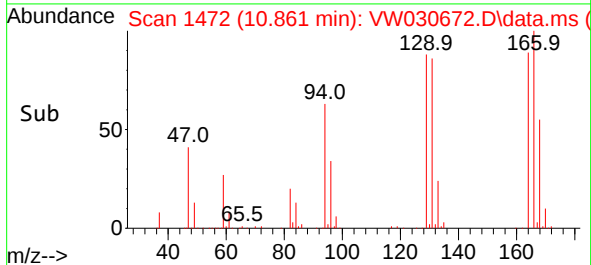
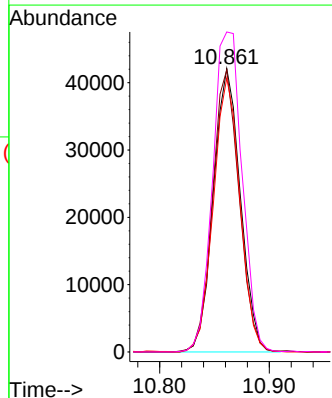
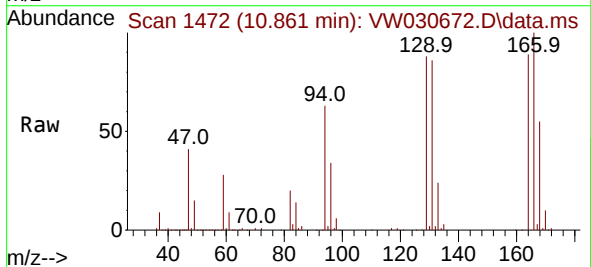
Instrument :
MSVOA_W
ClientSampleId :
A4F56MS

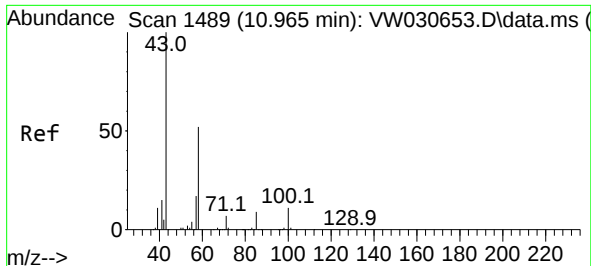
Tgt Ion: 97	Resp: 70000
Ion Ratio	Lower Upper
97 100	
99 62.9	41.2 76.6
83 90.5	59.6 110.6
85 61.5	37.7 69.9



#46
Tetrachloroethene
Concen: 22.191 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

Tgt	Ion:164	Resp:	71969
Ion	Ratio	Lower	Upper
164	100		
129	99.5	66.6	123.6
131	96.7	63.7	118.3
166	112.9	88.7	164.7

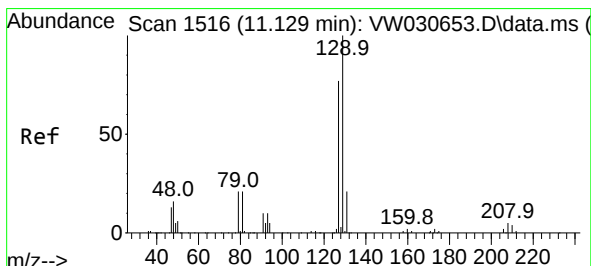
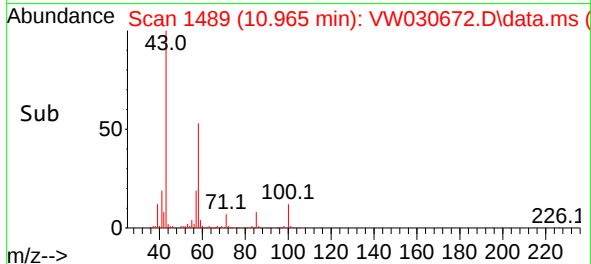
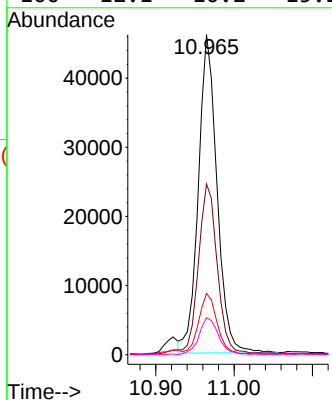
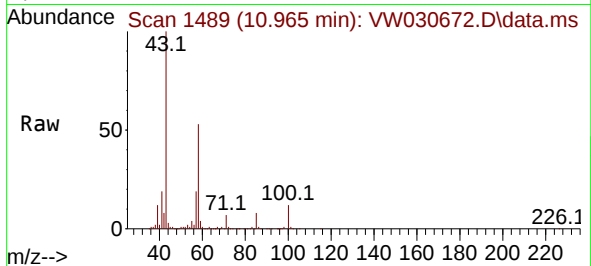




#48
2-Hexanone
Concen: 49.282 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

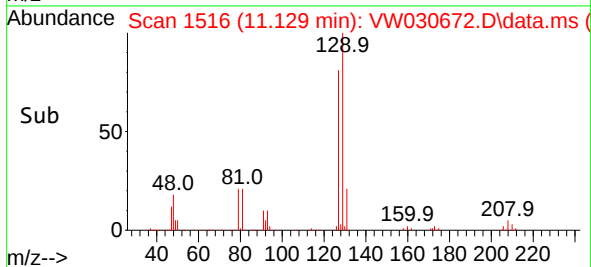
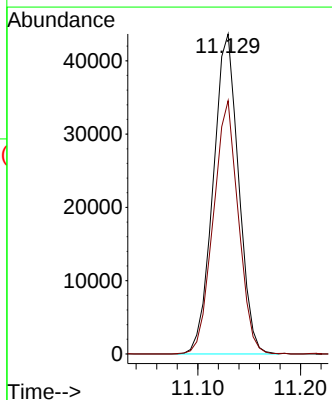
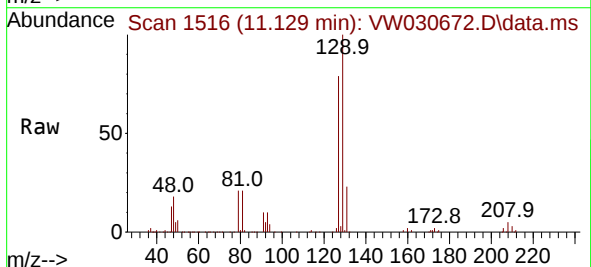
Instrument :
MSVOA_W
ClientSampleId :
A4F56MS

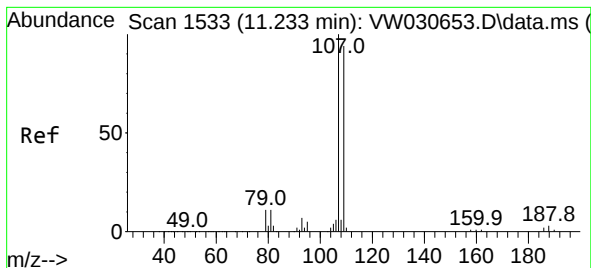
Tgt Ion:	43	Resp:	76427
Ion	Ratio	Lower	Upper
43	100		
58	52.2	44.6	67.0
57	18.5	15.8	23.8
100	12.1	10.2	15.2



#49
Dibromochloromethane
Concen: 23.546 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

Tgt Ion:	129	Resp:	74952
Ion	Ratio	Lower	Upper
129	100		
127	79.1	56.5	104.9





#50

1,2-Dibromoethane

Concen: 24.557 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030672.D

Acq: 18 Oct 2024 18:16

Instrument :

MSVOA_W

ClientSampleId :

A4F56MS

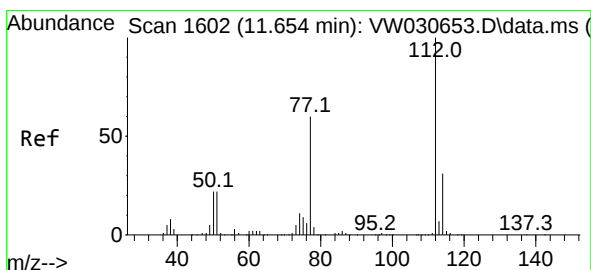
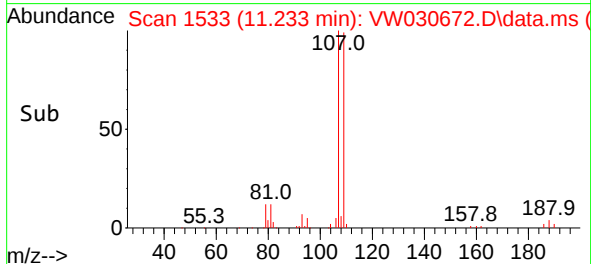
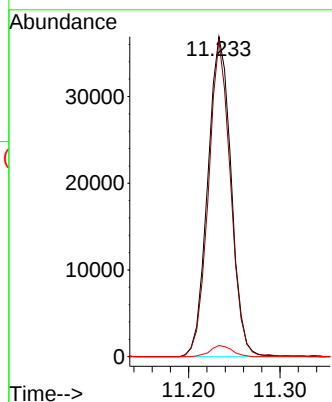
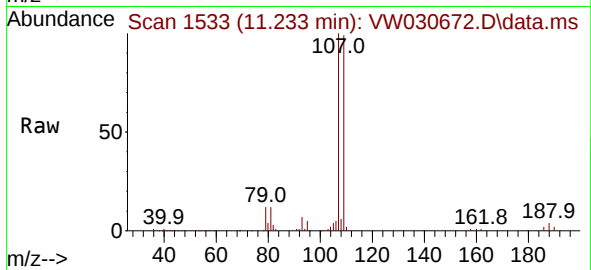
Tgt Ion:107 Resp: 65373

Ion Ratio Lower Upper

107 100

109 98.9 63.8 118.6

188 3.5 2.6 3.8



#51

Chlorobenzene

Concen: 23.167 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW030672.D

Acq: 18 Oct 2024 18:16

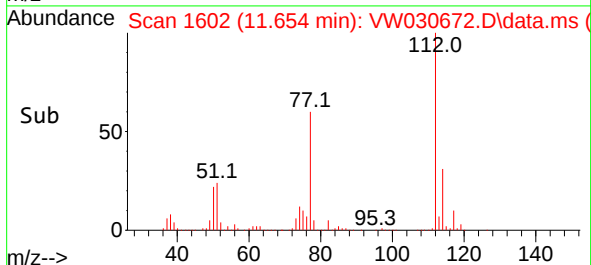
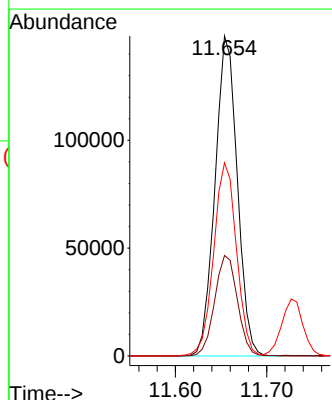
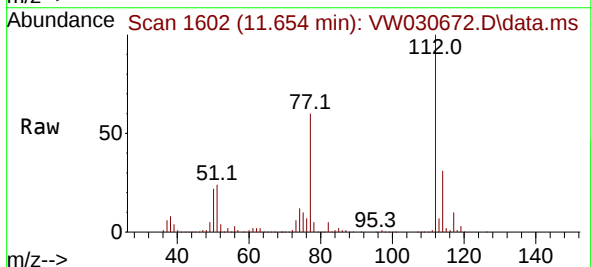
Tgt Ion:112 Resp: 251464

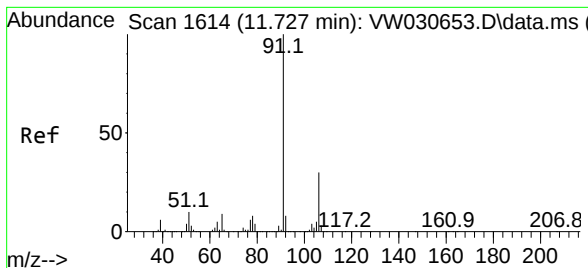
Ion Ratio Lower Upper

112 100

114 31.4 22.4 41.6

77 60.3 47.1 70.7

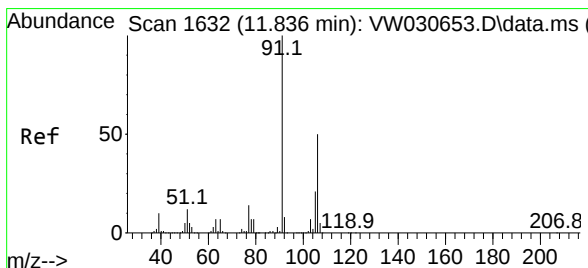
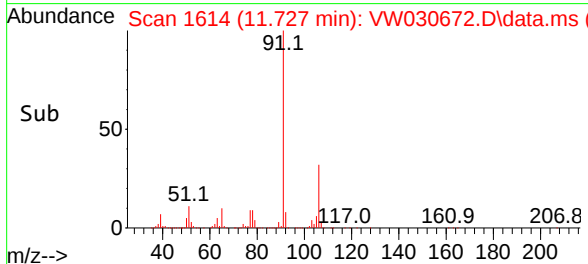
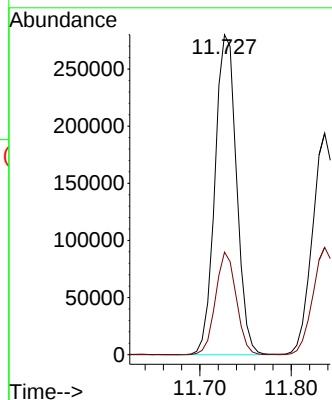
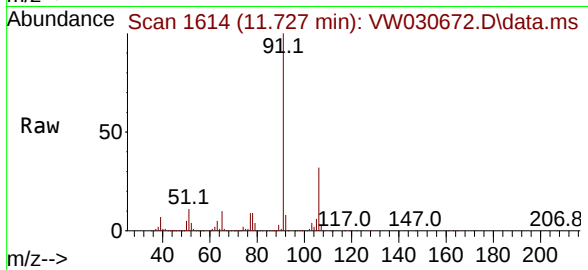




#52
Ethylbenzene
Concen: 23.895 ug/L
RT: 11.727 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

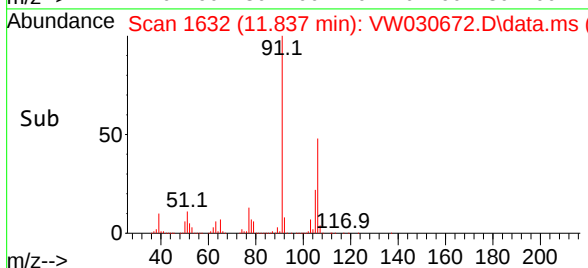
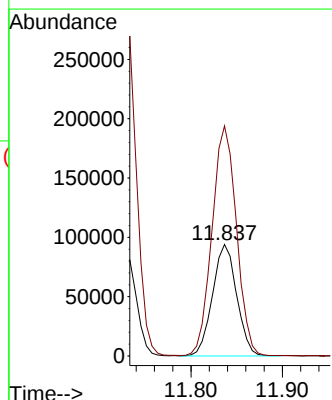
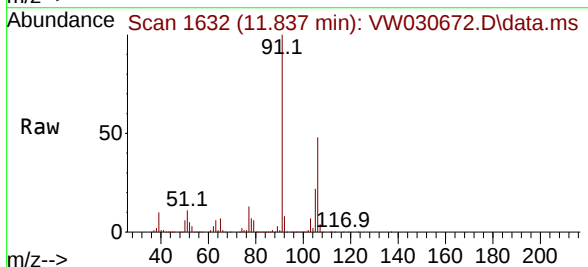
Instrument :
MSVOA_W
ClientSampleId :
A4F56MS

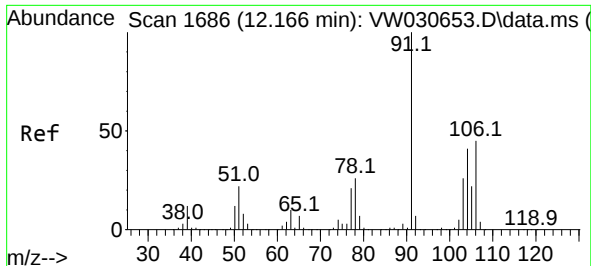
Tgt Ion: 91 Resp: 459742
Ion Ratio Lower Upper
91 100
106 32.1 21.1 39.1



#53
m,p-Xylene
Concen: 23.956 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

Tgt Ion:106 Resp: 172680
Ion Ratio Lower Upper
106 100
91 206.4 140.6 261.2

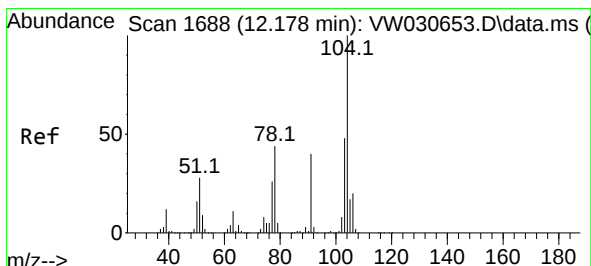
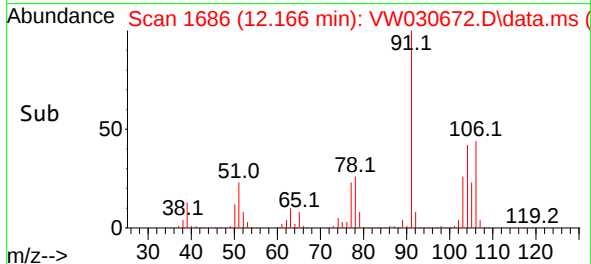
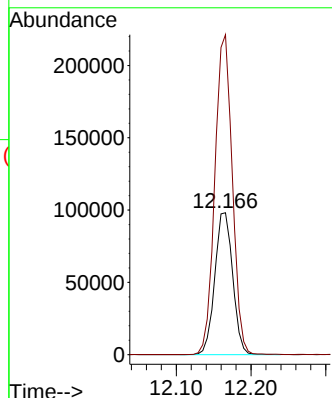
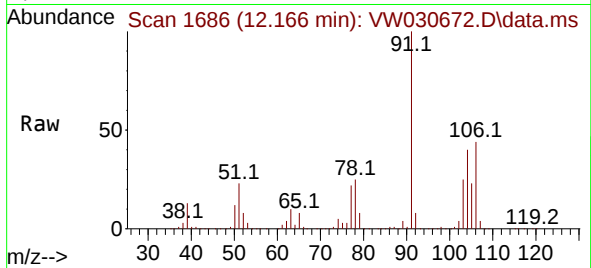




#54
o-Xylene
Concen: 24.546 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

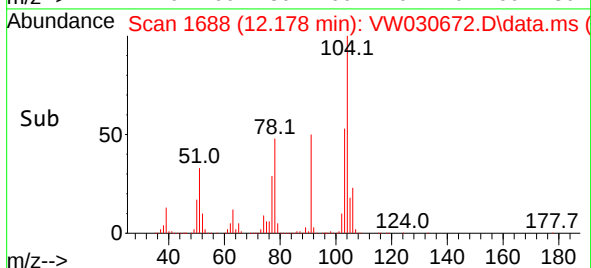
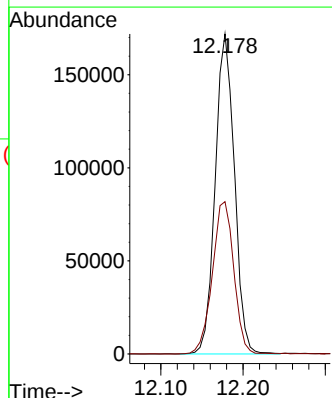
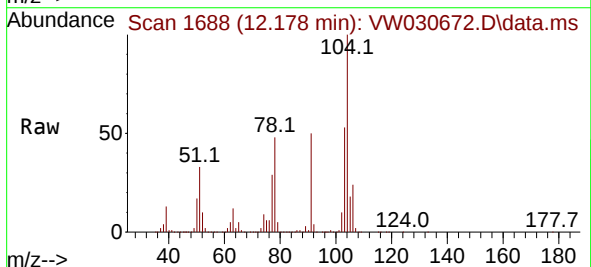
Instrument :
MSVOA_W
ClientSampleId :
A4F56MS

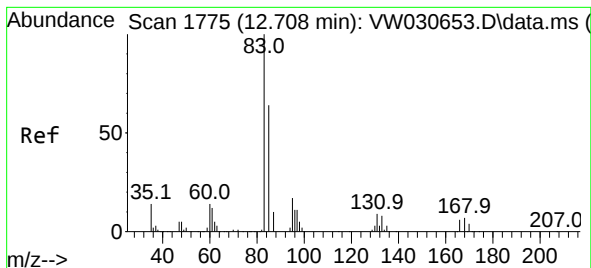
Tgt Ion:106 Resp: 163576
Ion Ratio Lower Upper
106 100
91 225.4 144.5 268.4



#55
Styrene
Concen: 24.503 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

Tgt Ion:104 Resp: 279150
Ion Ratio Lower Upper
104 100
78 47.6 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 26.104 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030672.D

Acq: 18 Oct 2024 18:16

Instrument :

MSVOA_W

ClientSampleId :

A4F56MS

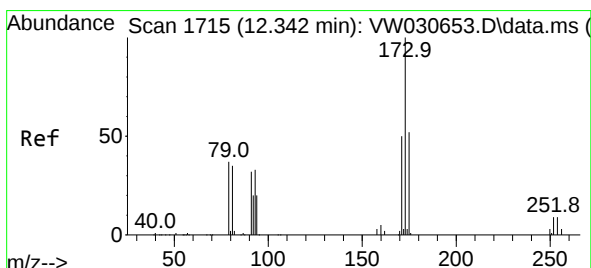
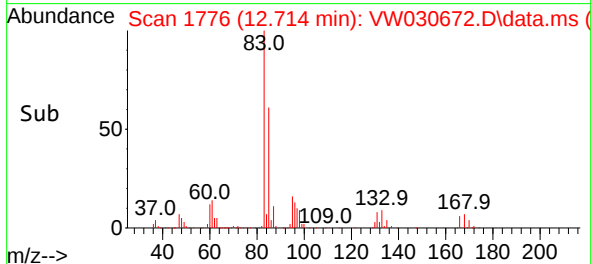
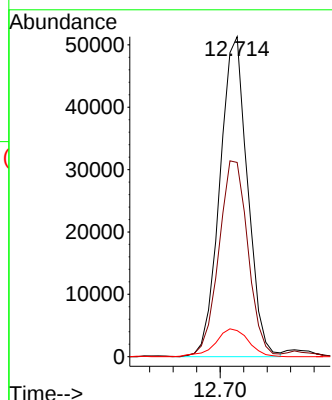
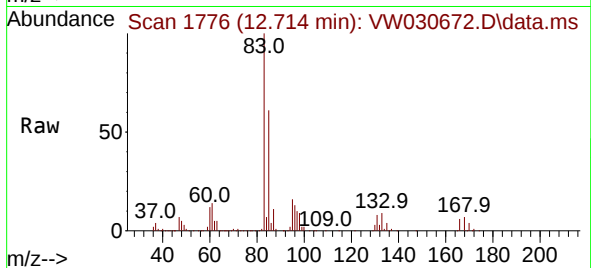
Tgt Ion: 83 Resp: 83982

Ion Ratio Lower Upper

83 100

85 60.7 42.6 79.2

131 8.2 7.4 11.0



#59

Bromoform

Concen: 23.262 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW030672.D

Acq: 18 Oct 2024 18:16

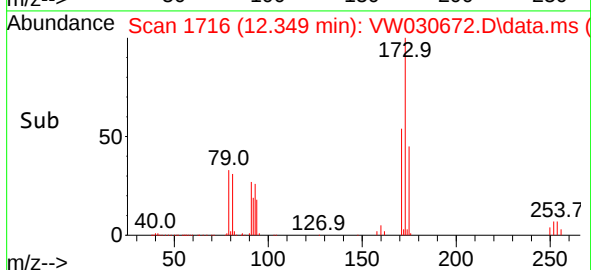
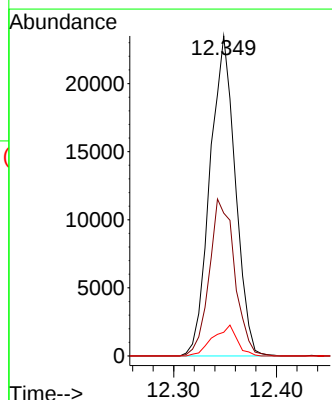
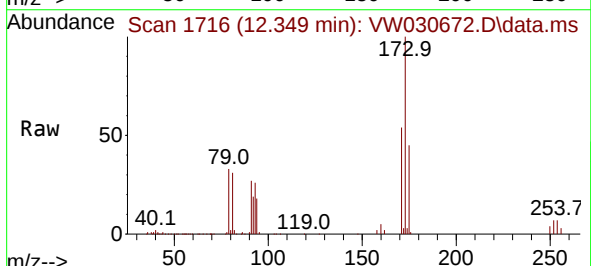
Tgt Ion:173 Resp: 40204

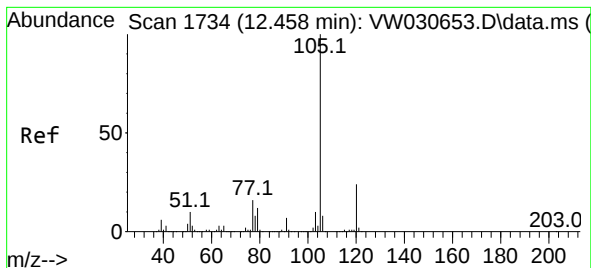
Ion Ratio Lower Upper

173 100

175 49.2 39.0 58.4

254 9.2 7.7 11.5





#60

Isopropylbenzene

Concen: 24.493 ug/L

RT: 12.465 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030672.D

Acq: 18 Oct 2024 18:16

Instrument :

MSVOA_W

ClientSampleId :

A4F56MS

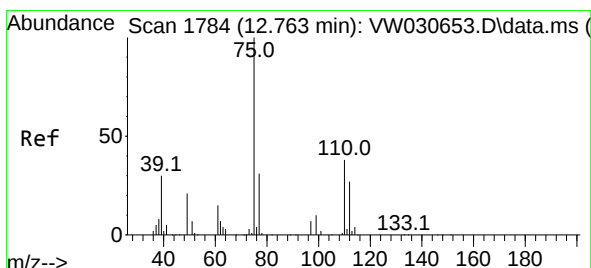
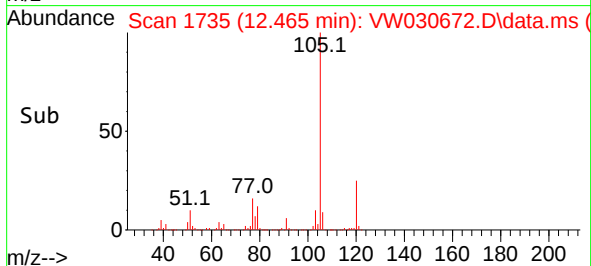
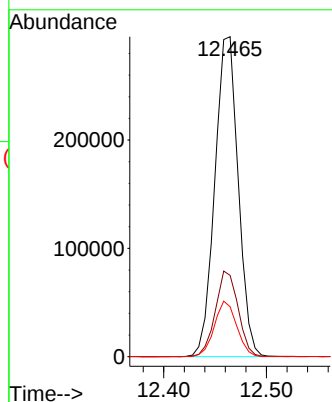
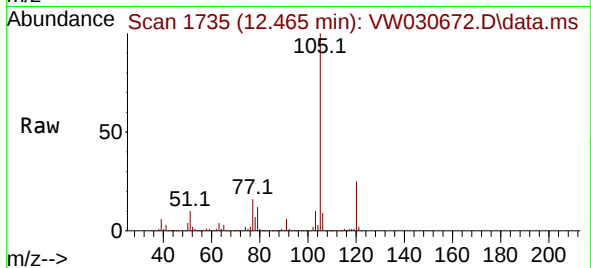
Tgt Ion:105 Resp: 466602

Ion Ratio Lower Upper

105 100

120 26.0 20.6 31.0

77 16.7 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 24.825 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW030672.D

Acq: 18 Oct 2024 18:16

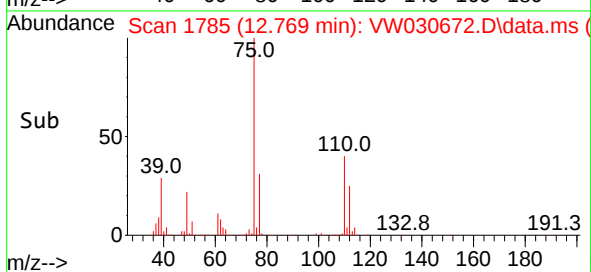
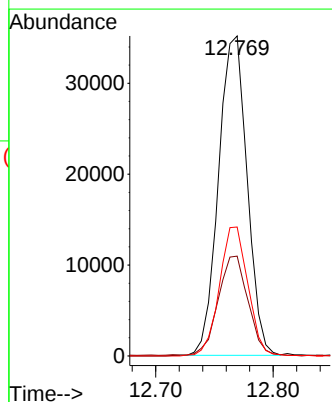
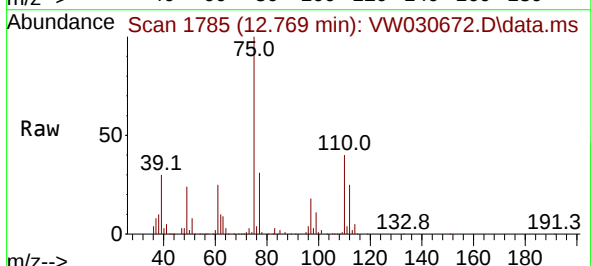
Tgt Ion: 75 Resp: 59425

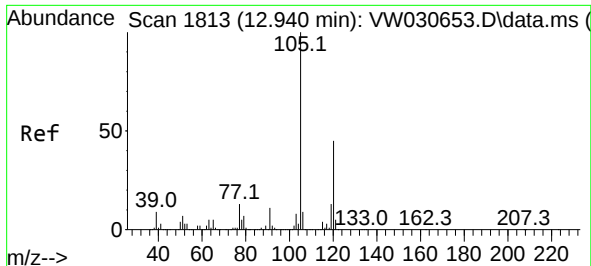
Ion Ratio Lower Upper

75 100

77 32.9 25.7 38.5

110 40.4 32.3 48.5

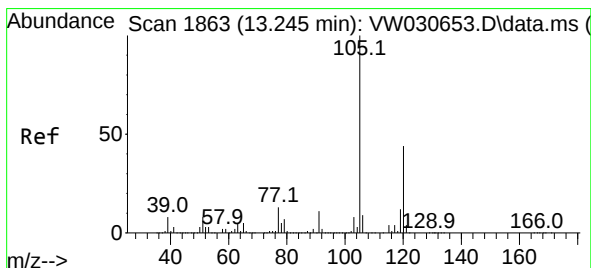
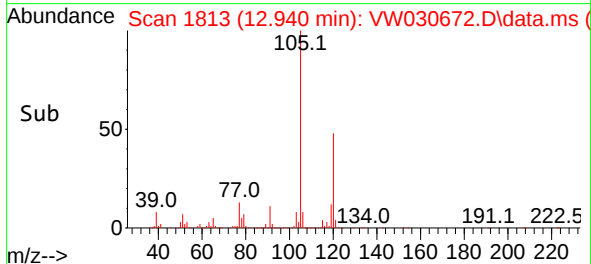
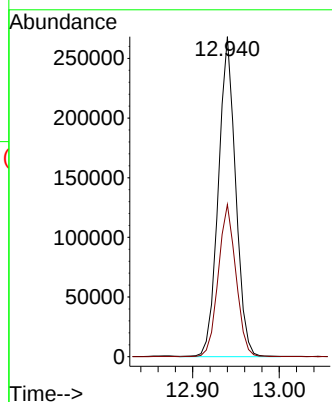
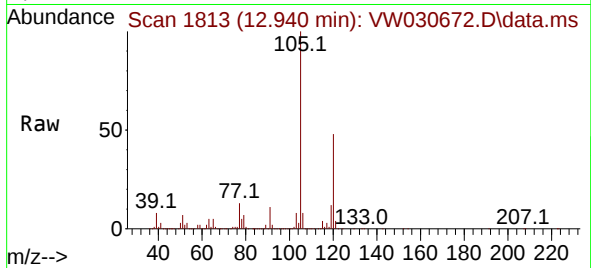




#62
1,3,5-Trimethylbenzene
Concen: 24.760 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

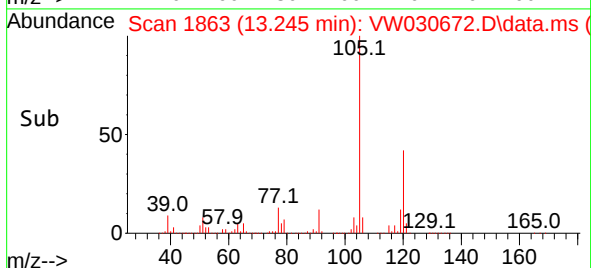
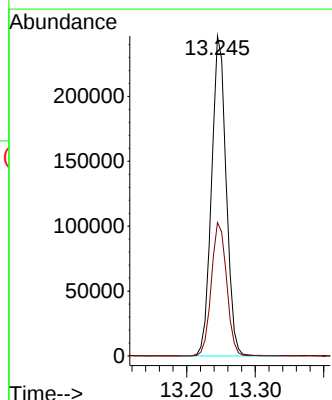
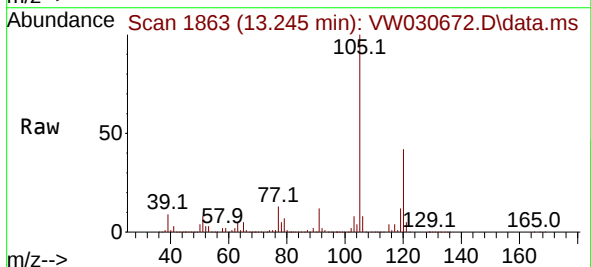
Instrument :
MSVOA_W
ClientSampleId :
A4F56MS

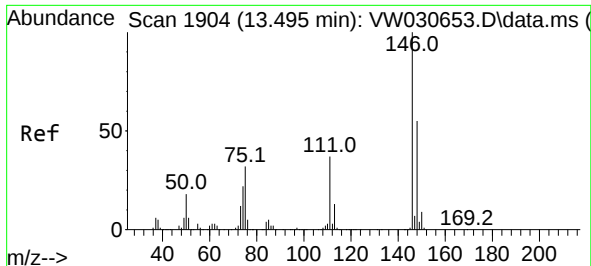
Tgt Ion:105 Resp: 372123
Ion Ratio Lower Upper
105 100
120 48.5 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 24.856 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

Tgt Ion:105 Resp: 365765
Ion Ratio Lower Upper
105 100
120 43.4 35.8 53.6

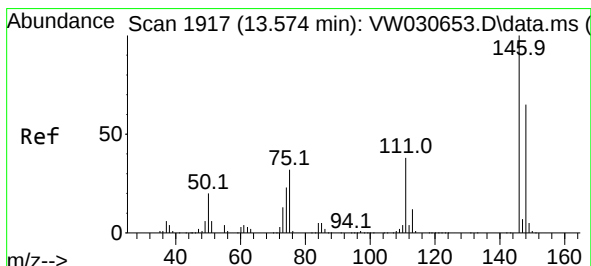
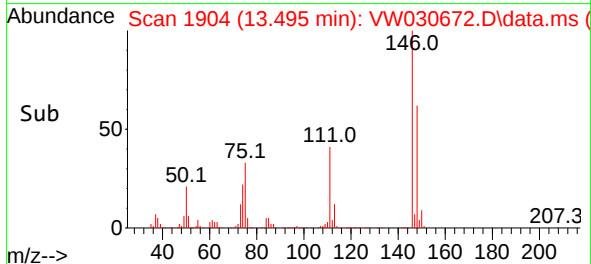
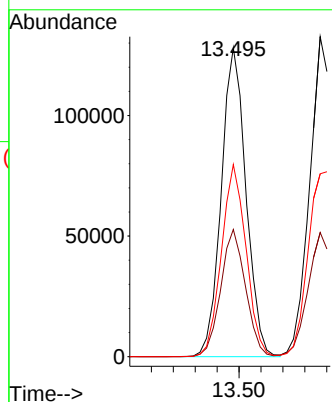
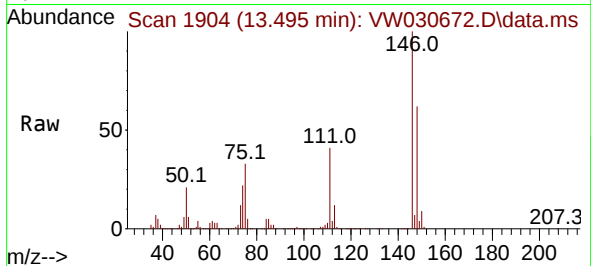




#64
1,3-Dichlorobenzene
Concen: 24.207 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

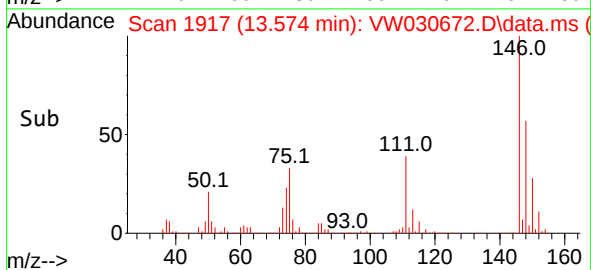
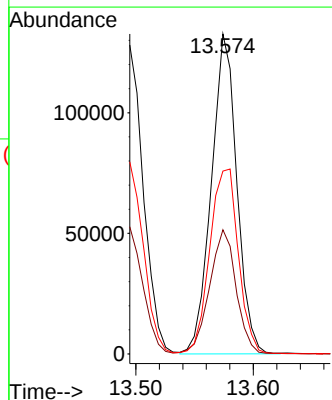
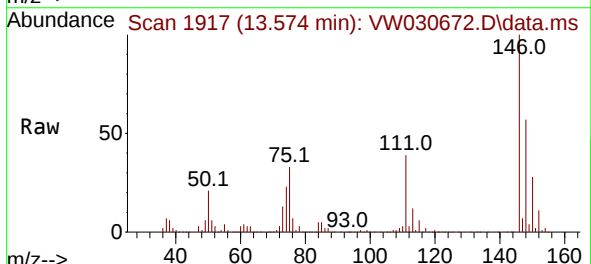
Instrument :
MSVOA_W
ClientSampleId :
A4F56MS

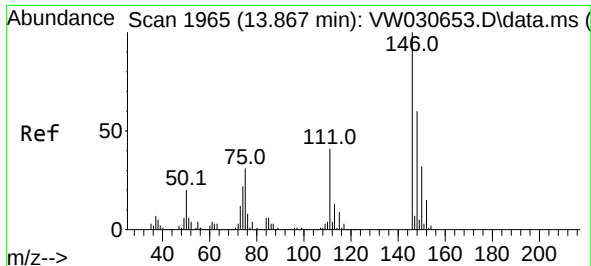
Tgt Ion:146 Resp: 200728
Ion Ratio Lower Upper
146 100
111 41.2 31.2 58.0
148 62.2 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 23.359 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030672.D
Acq: 18 Oct 2024 18:16

Tgt Ion:146 Resp: 200002
Ion Ratio Lower Upper
146 100
111 38.8 26.8 49.8
148 57.2 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 24.150 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW030672.D

Acq: 18 Oct 2024 18:16

Instrument :

MSVOA_W

ClientSampleId :

A4F56MS

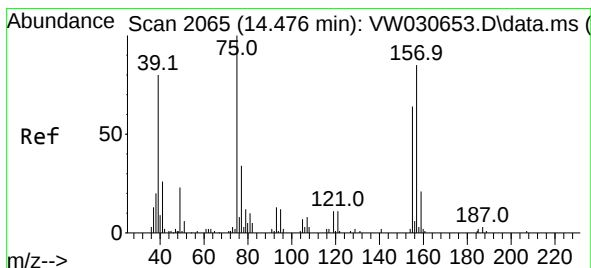
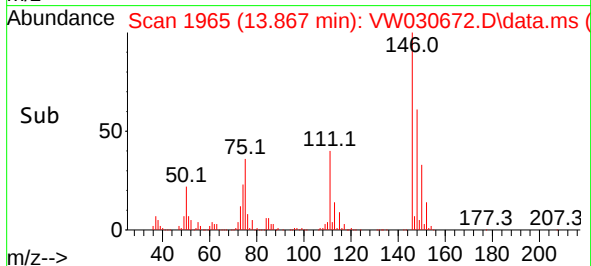
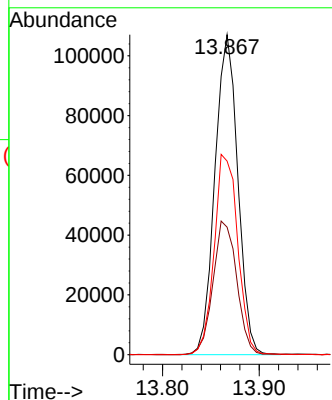
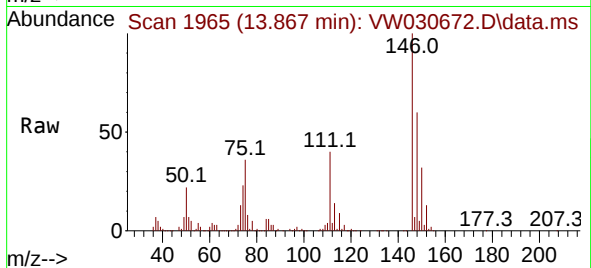
Tgt Ion:146 Resp: 176216

Ion Ratio Lower Upper

146 100

111 39.9 34.6 52.0

148 60.5 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 23.927 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW030672.D

Acq: 18 Oct 2024 18:16

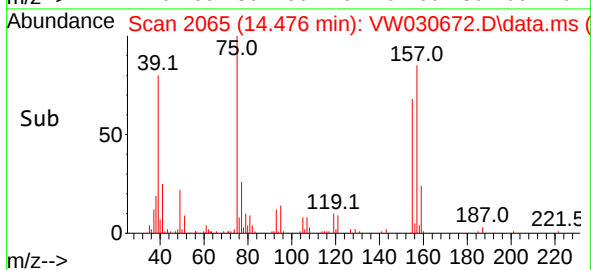
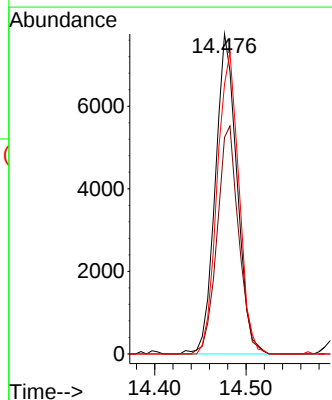
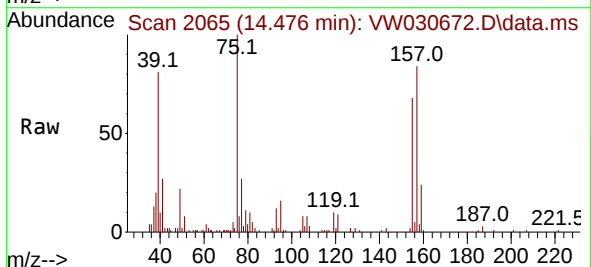
Tgt Ion: 75 Resp: 12771

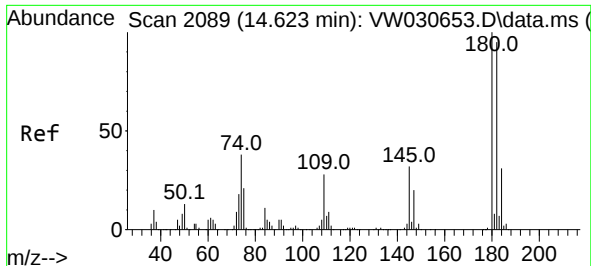
Ion Ratio Lower Upper

75 100

155 67.7 57.9 86.9

157 84.3 69.0 103.6

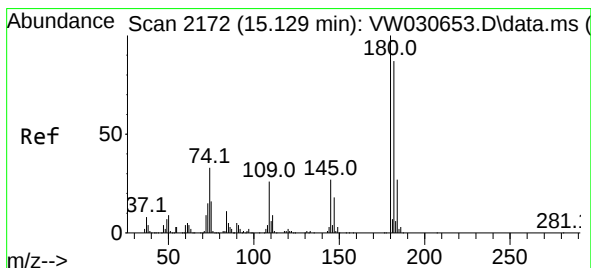
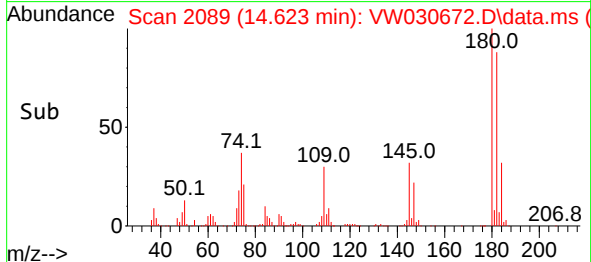
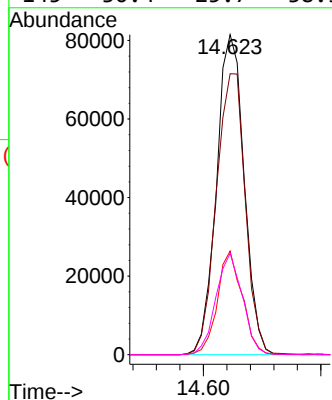
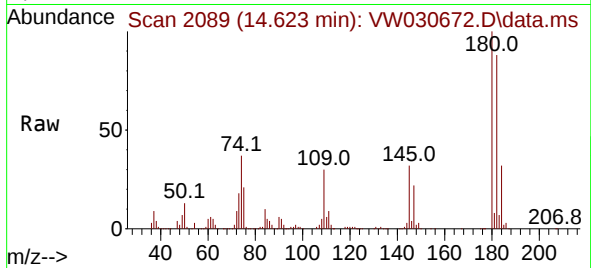




#69
 1,3,5-Trichlorobenzene
 Concen: 24.322 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW030672.D
 Acq: 18 Oct 2024 18:16

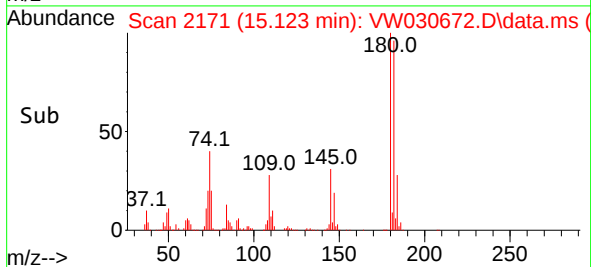
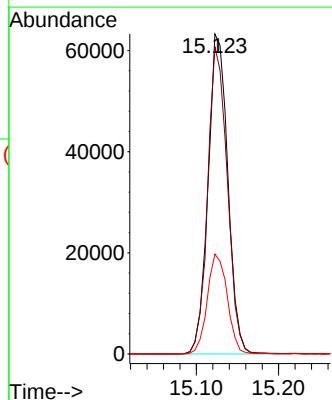
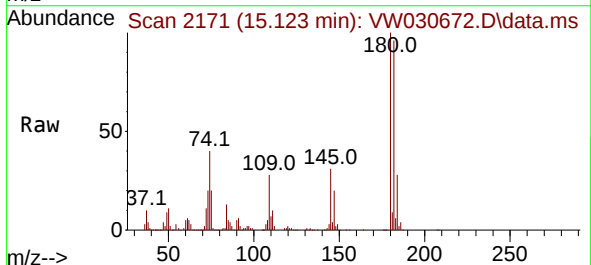
Instrument :
 MSVOA_W
 ClientSampleId :
 A4F56MS

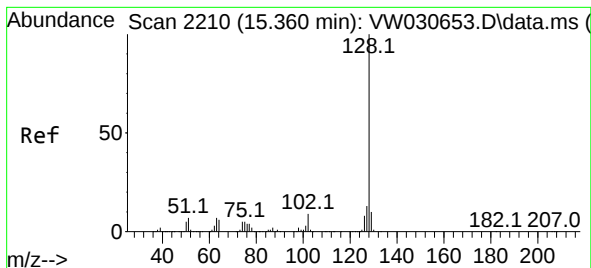
Tgt Ion:	180	Resp:	132995
Ion Ratio	Lower	Upper	
180	100		
182	92.0	79.9	119.9
184	29.3	25.2	37.8
145	30.4	25.7	38.5



#70
 1,2,4-trichlorobenzene
 Concen: 24.000 ug/L
 RT: 15.123 min Scan# 2171
 Delta R.T. -0.006 min
 Lab File: VW030672.D
 Acq: 18 Oct 2024 18:16

Tgt Ion:	180	Resp:	105647
Ion Ratio	Lower	Upper	
180	100		
182	95.1	75.2	112.8
145	31.5	25.4	38.2





#71

Naphthalene

Concen: 25.763 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030672.D

Acq: 18 Oct 2024 18:16

Instrument :

MSVOA_W

ClientSampleId :

A4F56MS

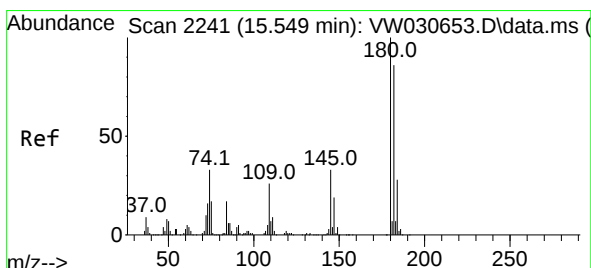
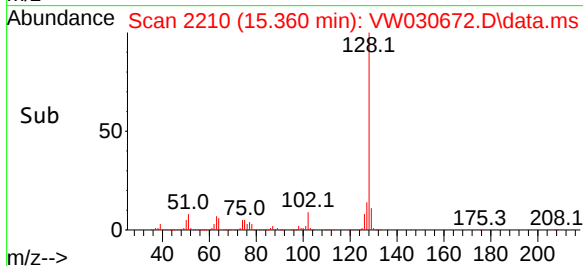
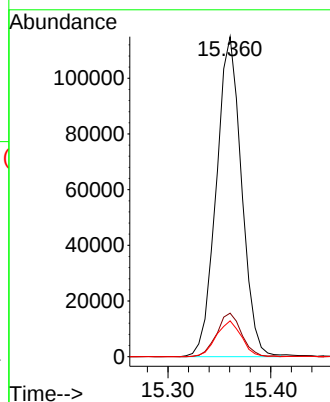
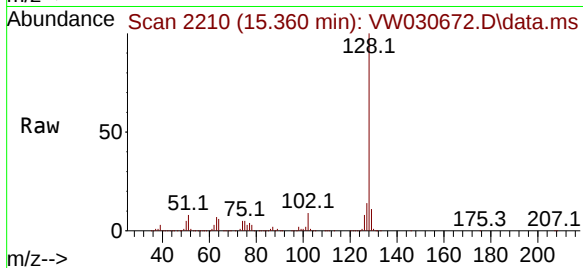
Tgt Ion:128 Resp: 195931

Ion Ratio Lower Upper

128 100

127 13.5 10.9 16.3

129 11.2 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 24.617 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030672.D

Acq: 18 Oct 2024 18:16

Tgt Ion:180 Resp: 93944

Ion Ratio Lower Upper

180 100

182 91.3 76.2 114.4

145 33.4 27.4 41.2

