

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101824\
 Data File : VW030673.D
 Acq On : 18 Oct 2024 18:40
 Operator : SY/MD
 Sample : P4429-18MSD
 Misc : 5.05g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4F56MSD

Quant Time: Oct 19 00:30:56 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	260882	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	244148	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	121722	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	68281	16.651	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.600%
7) Chloroethane-d5	2.899	69	62542	20.149	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	4.021	65	30501	17.883	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.520%
21) 2-Butanone-d5	7.081	46	32683	44.288	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.580%
24) Chloroform-d	7.654	84	162050	21.720	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.880%
26) 1,2-Dichloroethane-d4	8.307	65	81949	21.123	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.480%
32) Benzene-d6	8.276	84	292796	20.663	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.640%
36) 1,2-Dichloropropane-d6	9.276	67	89215	21.450	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.800%
41) Toluene-d8	10.319	98	260524	20.140	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.560%
43) trans-1,3-Dichloroprop...	10.581	79	33775	19.393	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.560%
47) 2-Hexanone-d5	10.922	63	25490	47.583	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.160%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	70009	22.920	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.680%
66) 1,2-Dichlorobenzene-d4	13.854	152	90544	21.984	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	69548	20.866	ug/L	98
3) Chloromethane	2.222	50	86101	22.226	ug/L	100
5) Vinyl chloride	2.375	62	111873	23.483	ug/L	93
6) Bromomethane	2.795	94	76738	24.472	ug/L	92
8) Chloroethane	2.936	64	72254	24.810	ug/L	94
9) Trichlorofluoromethane	3.271	101	99392	23.316	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	90882	23.697	ug/L	98
12) 1,1-Dichloroethene	4.051	96	81973	23.420	ug/L	85
13) Acetone	4.118	43	38622	35.748	ug/L	96
14) Carbon disulfide	4.393	76	237345	20.765	ug/L	100
15) Methyl Acetate	4.679	43	31576	23.660	ug/L	98
16) Methylene chloride	4.923	84	92660	23.494	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	89924	23.809	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	137281	25.971	ug/L	99
19) 1,1-Dichloroethane	6.222	63	177231	25.248	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	99992	24.821	ug/L	97
22) 2-Butanone	7.173	43	45837	39.359	ug/L	97
23) Bromochloromethane	7.514	128	42233	23.964	ug/L	94
25) Chloroform	7.679	83	187151	24.949	ug/L	98

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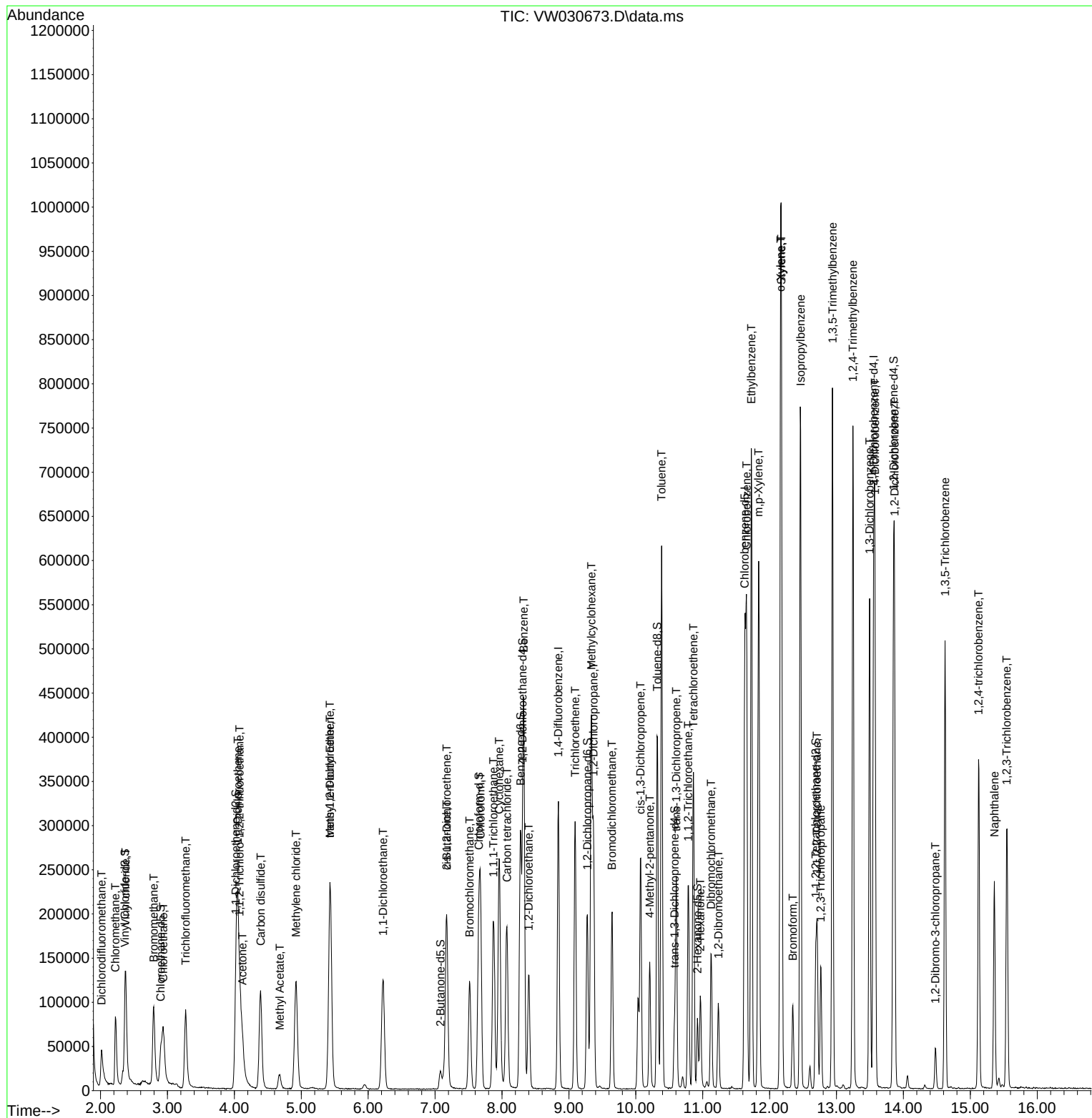
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	116763	23.594	ug/L	100
29) Cyclohexane	7.959	56	141273	23.771	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	155243	23.953	ug/L	98
31) Carbon tetrachloride	8.075	117	136724	23.619	ug/L	97
33) Benzene	8.325	78	390813	24.598	ug/L	100
34) Trichloroethene	9.093	95	103393	23.391	ug/L	98
35) Methylcyclohexane	9.337	83	161972	23.284	ug/L	99
37) 1,2-Dichloropropane	9.367	63	101966	25.696	ug/L	100
38) Bromodichloromethane	9.642	83	132193	25.039	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	147323	24.614	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	92276	48.405	ug/L	98
42) Toluene	10.386	91	432123	25.494	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	122648	24.385	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	69535	24.246	ug/L	95
46) Tetrachloroethene	10.861	164	75728	23.229	ug/L	97
48) 2-Hexanone	10.965	43	66249	42.496	ug/L	98
49) Dibromochloromethane	11.123	129	76866	24.021	ug/L	92
50) 1,2-Dibromoethane	11.233	107	61985	23.163	ug/L	97
51) Chlorobenzene	11.654	112	262209	24.031	ug/L	97
52) Ethylbenzene	11.727	91	494321	25.558	ug/L	96
53) m,p-Xylene	11.837	106	181814	25.092	ug/L	92
54) o-Xylene	12.166	106	169297	25.272	ug/L	90
55) Styrene	12.178	104	298022	26.023	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	77638	24.006	ug/L	97
59) Bromoform	12.349	173	40624	23.754	ug/L	100
60) Isopropylbenzene	12.464	105	481196	25.527	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	54091	22.837	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	394810	26.548	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	380337	26.121	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	203719	24.829	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	202382	23.888	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	182675	25.301	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	11469	21.716	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	133330	24.642	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	106220	24.386	ug/L	99
71) Naphthalene	15.360	128	182172	24.208	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	92063	24.380	ug/L	98

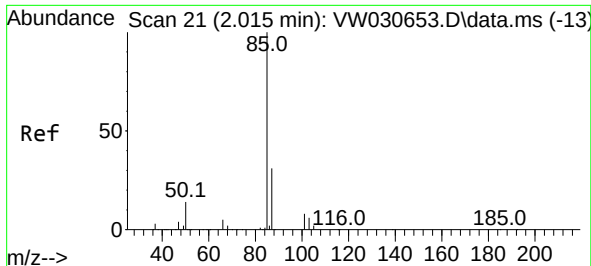
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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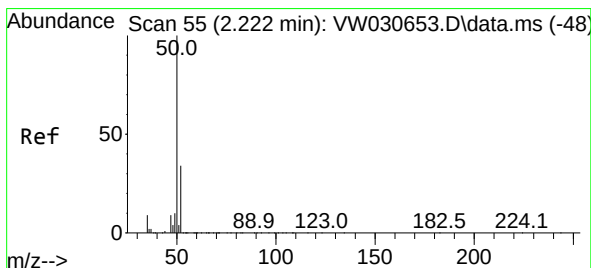
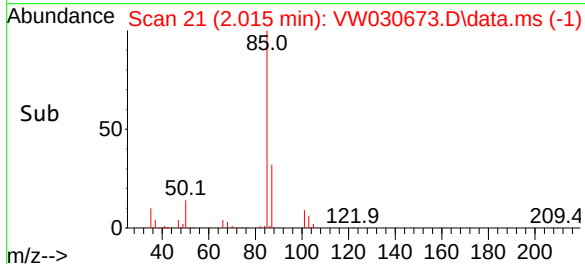
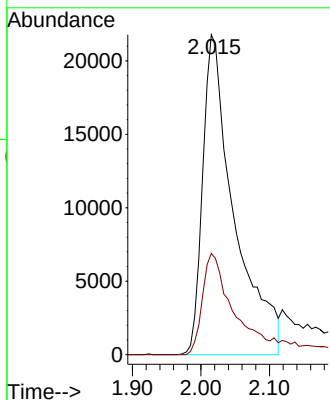
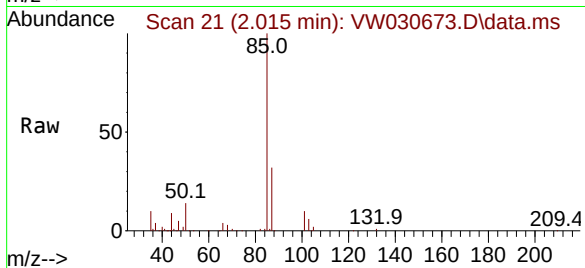




#2
 Dichlorodifluoromethane
 Concen: 20.866 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030673.D
 Acq: 18 Oct 2024 18:40

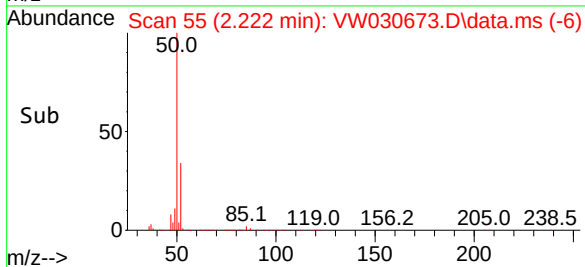
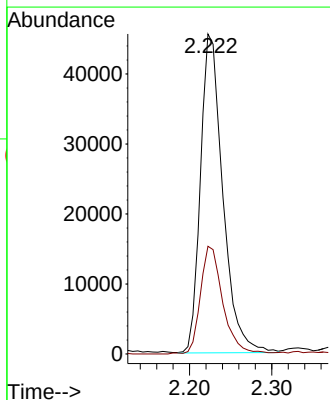
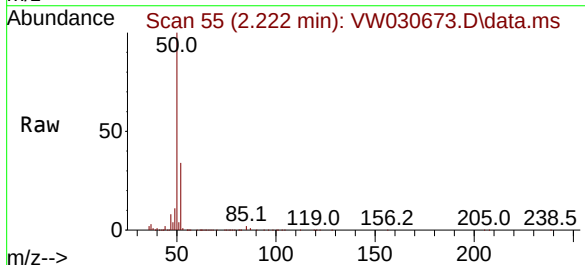
Instrument :
 MSVOA_W
 ClientSampleId :
 A4F56MSD

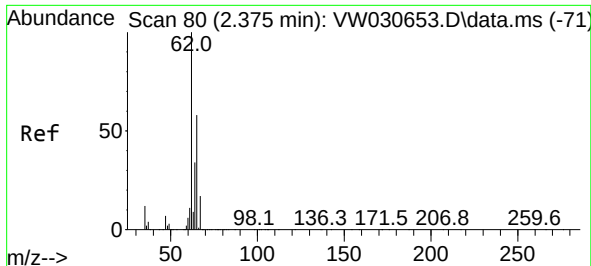
Tgt Ion: 85 Resp: 69548
 Ion Ratio Lower Upper
 85 100
 87 30.8 23.8 35.6



#3
 Chloromethane
 Concen: 22.226 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030673.D
 Acq: 18 Oct 2024 18:40

Tgt Ion: 50 Resp: 86101
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.7 43.9

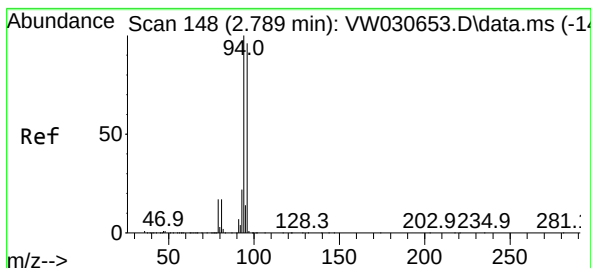
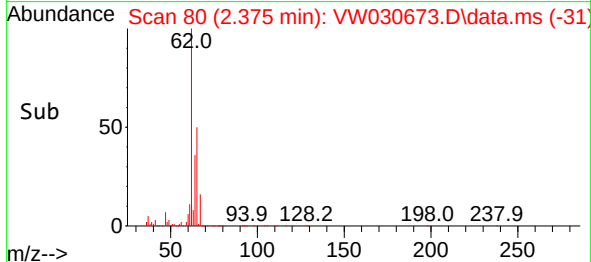
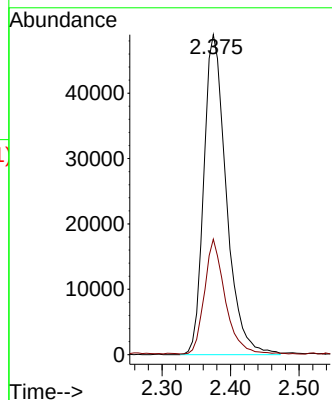
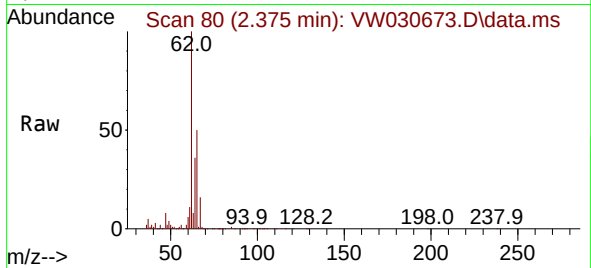




#5
 Vinyl chloride
 Concen: 23.483 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030673.D
 Acq: 18 Oct 2024 18:40

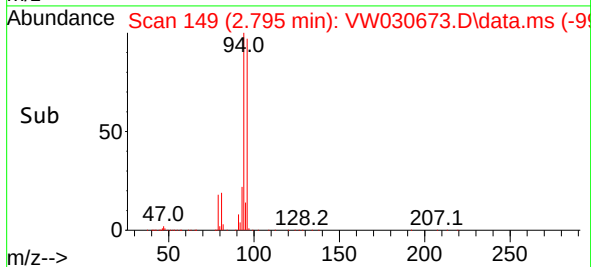
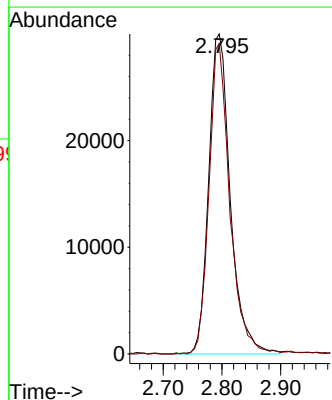
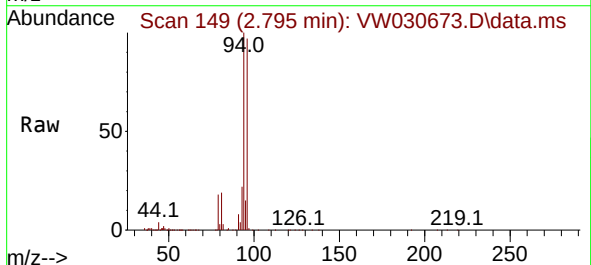
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 ClientSampleId :
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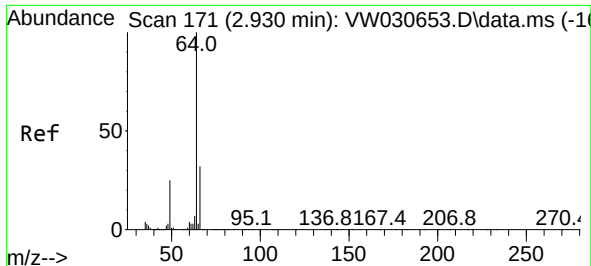
Tgt Ion: 62 Resp: 111873
 Ion Ratio Lower Upper
 62 100
 64 36.1 22.6 42.0



#6
 Bromomethane
 Concen: 24.472 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW030673.D
 Acq: 18 Oct 2024 18:40

Tgt Ion: 94 Resp: 76738
 Ion Ratio Lower Upper
 94 100
 96 97.0 62.6 116.2

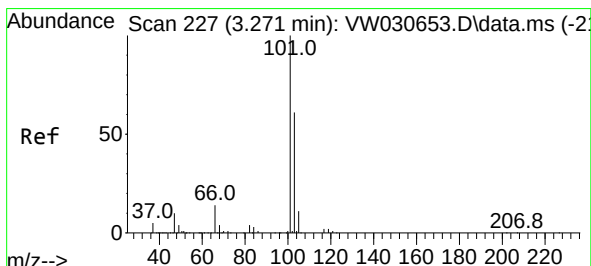
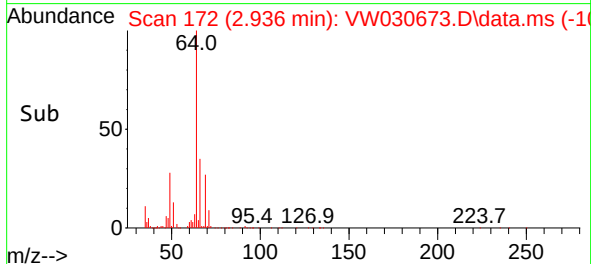
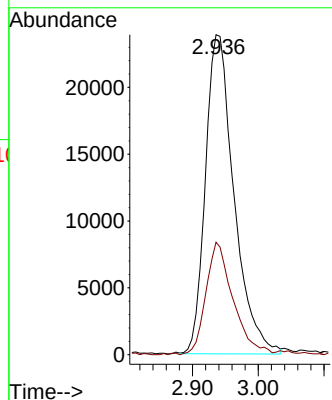
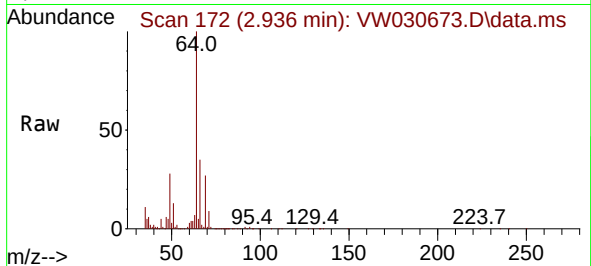




#8
Chloroethane
Concen: 24.810 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW030673.D
Acq: 18 Oct 2024 18:40

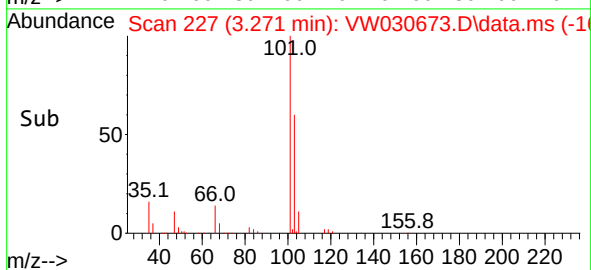
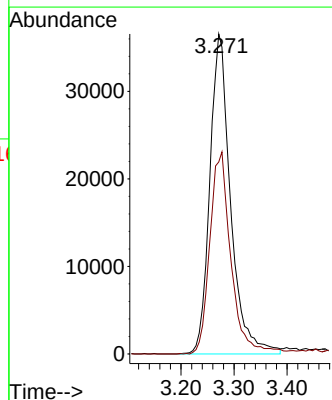
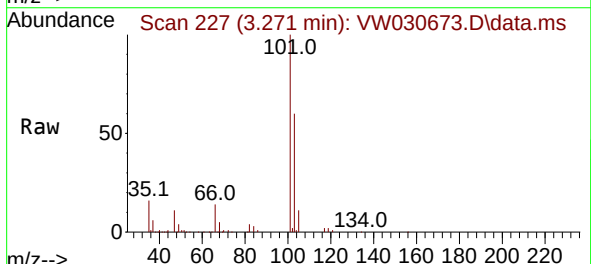
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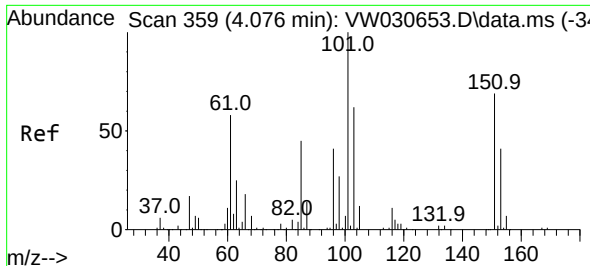
Tgt Ion: 64 Resp: 72254
Ion Ratio Lower Upper
64 100
66 35.2 22.3 41.5



#9
Trichlorofluoromethane
Concen: 23.316 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW030673.D
Acq: 18 Oct 2024 18:40

Tgt Ion:101 Resp: 99392
Ion Ratio Lower Upper
101 100
103 62.4 51.1 76.7

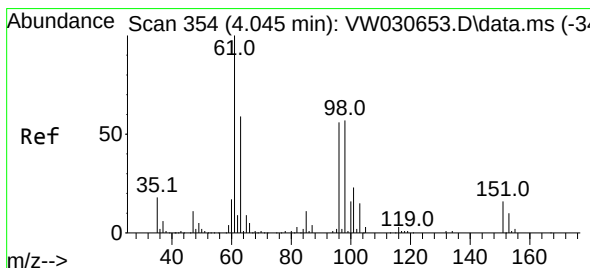
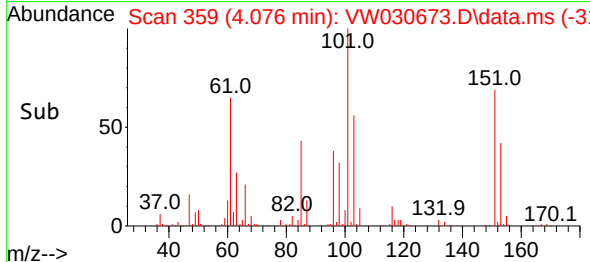
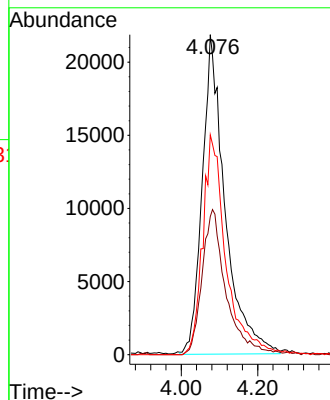
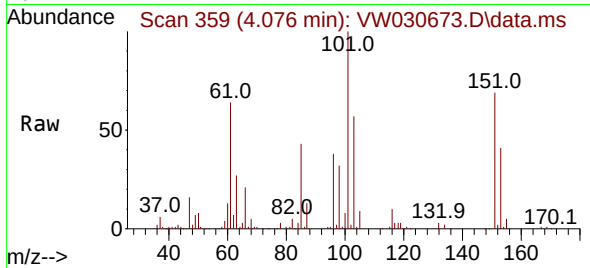




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.697 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW030673.D
 Acq: 18 Oct 2024 18:40

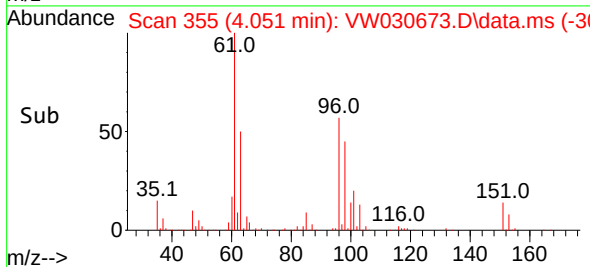
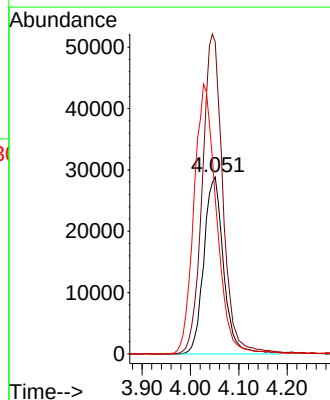
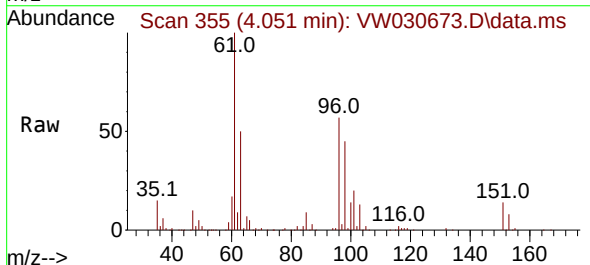
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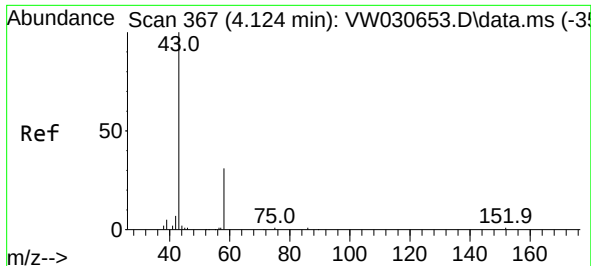
Tgt Ion: 101 Resp: 90882
 Ion Ratio Lower Upper
 101 100
 85 44.8 35.7 53.5
 151 67.1 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 23.420 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW030673.D
 Acq: 18 Oct 2024 18:40

Tgt Ion: 96 Resp: 81973
 Ion Ratio Lower Upper
 96 100
 61 176.3 121.3 225.3
 63 87.7 87.6 162.8





#13

Acetone

Concen: 35.748 ug/L

RT: 4.118 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW030673.D

Acq: 18 Oct 2024 18:40

Instrument :

MSVOA_W

ClientSampleId :

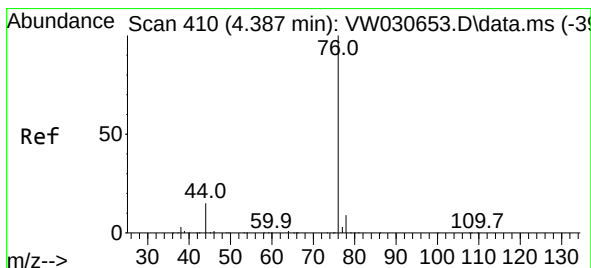
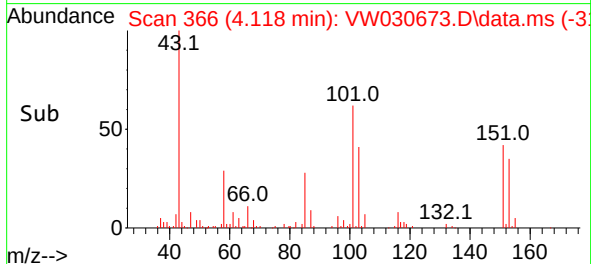
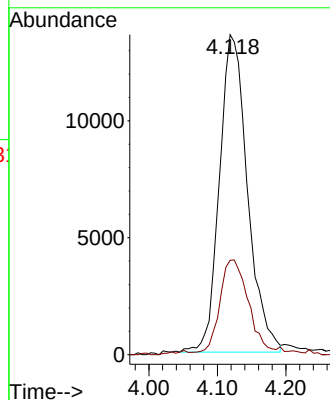
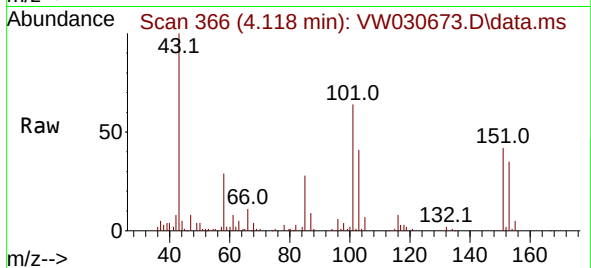
A4F56MSD

Tgt Ion: 43 Resp: 38622

Ion Ratio Lower Upper

43 100

58 30.9 0.0 57.6



#14

Carbon disulfide

Concen: 20.765 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW030673.D

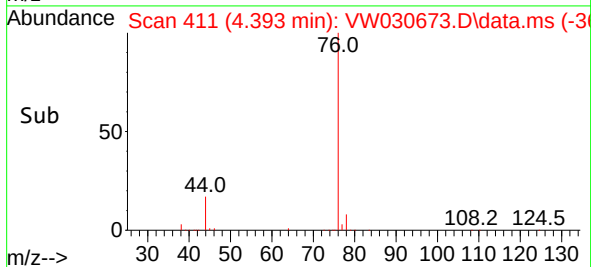
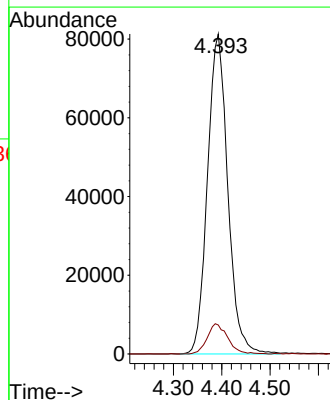
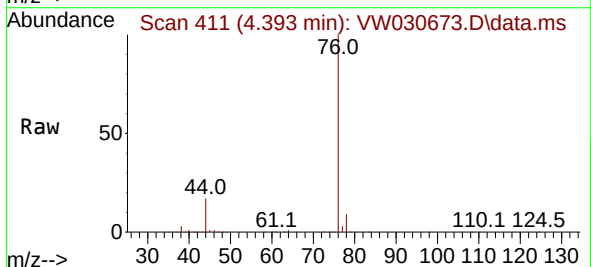
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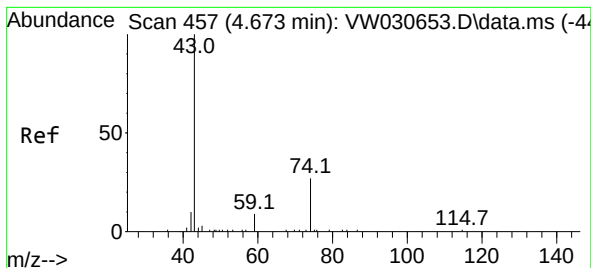
Tgt Ion: 76 Resp: 237345

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7





#15

Methyl Acetate

Concen: 23.660 ug/L

RT: 4.679 min Scan# 4

Delta R.T. 0.006 min

Lab File: VW030673.D

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ClientSampleId :

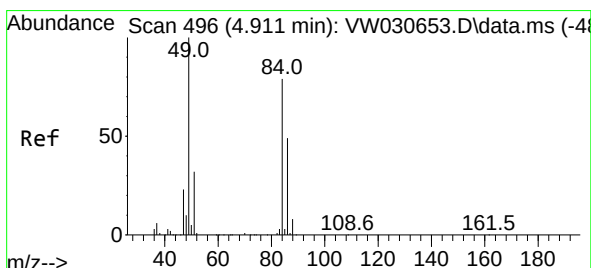
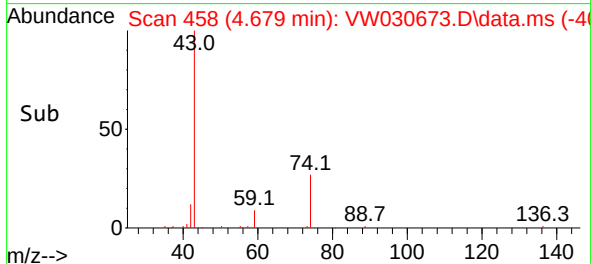
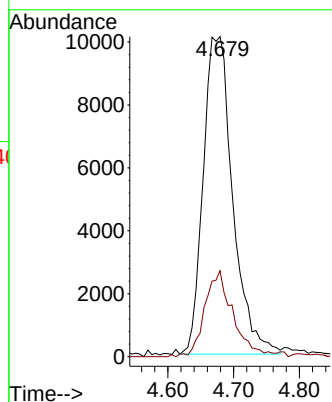
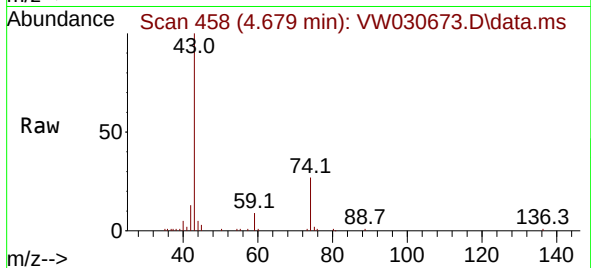
A4F56MSD

Tgt Ion: 43 Resp: 31576

Ion Ratio Lower Upper

43 100

74 25.0 19.3 28.9



#16

Methylene chloride

Concen: 23.494 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.012 min

Lab File: VW030673.D

Acq: 18 Oct 2024 18:40

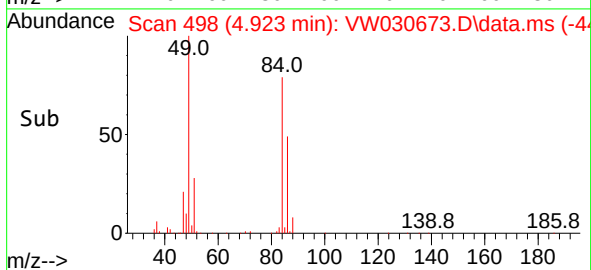
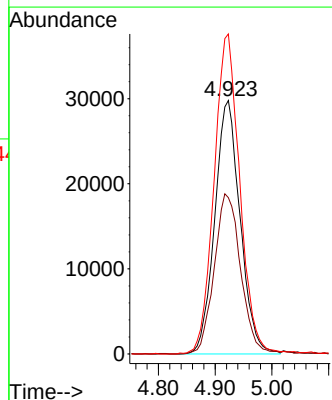
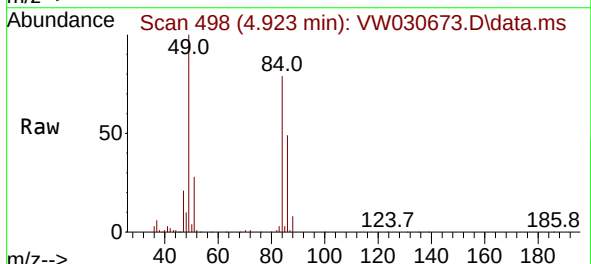
Tgt Ion: 84 Resp: 92660

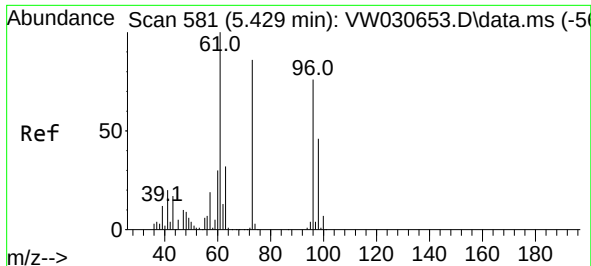
Ion Ratio Lower Upper

84 100

86 61.7 43.8 81.3

49 126.2 88.3 164.1

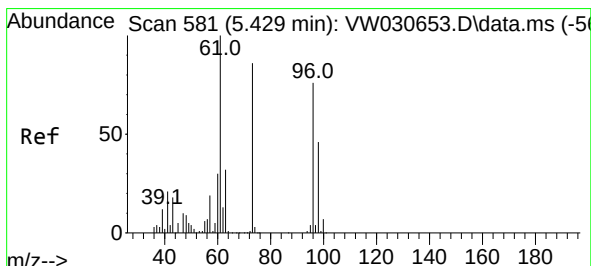
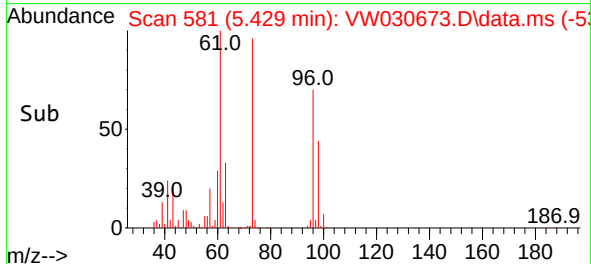
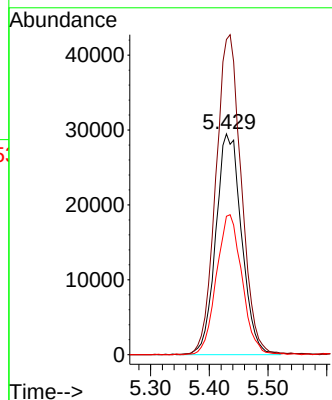
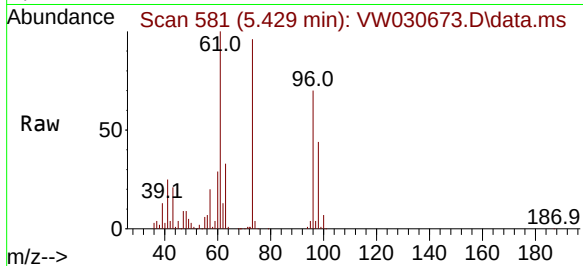




#17
 trans-1,2-Dichloroethene
 Concen: 23.809 ug/L
 RT: 5.429 min Scan# 581
 Delta R.T. 0.000 min
 Lab File: VW030673.D
 Acq: 18 Oct 2024 18:40

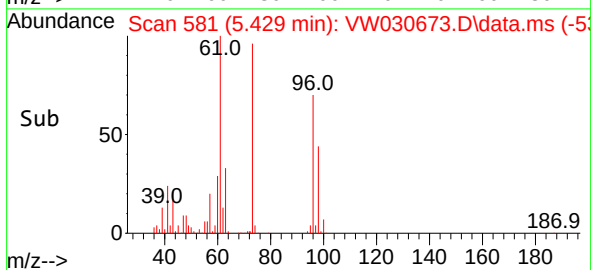
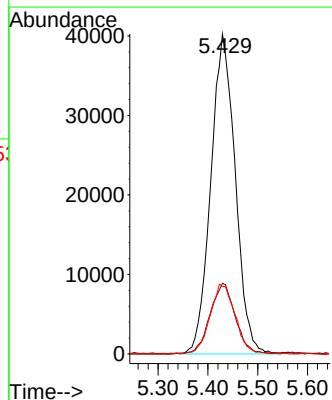
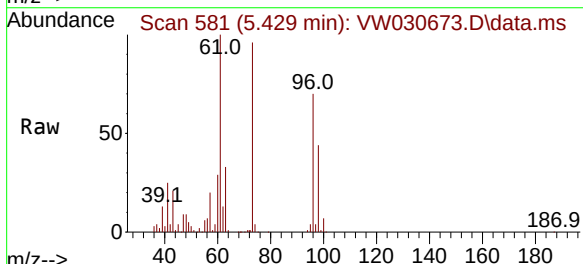
Instrument :
 MSVOA_W
 ClientSampleId :
 A4F56MSD

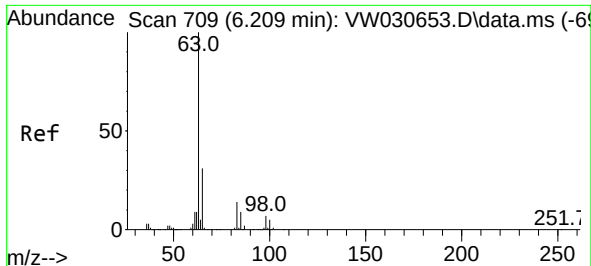
Tgt Ion:	96	Resp:	89924
Ion	Ratio	Lower	Upper
96	100		
61	142.7	96.9	179.9
98	62.7	42.2	78.4



#18
 Methyl tert-butyl Ether
 Concen: 25.971 ug/L
 RT: 5.429 min Scan# 581
 Delta R.T. 0.000 min
 Lab File: VW030673.D
 Acq: 18 Oct 2024 18:40

Tgt Ion:	73	Resp:	137281
Ion	Ratio	Lower	Upper
73	100		
43	22.0	18.1	27.1
57	22.1	17.7	26.5





#19

1,1-Dichloroethane

Concen: 25.248 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.012 min

Lab File: VW030673.D

Acq: 18 Oct 2024 18:40

Instrument :

MSVOA_W

ClientSampleId :

A4F56MSD

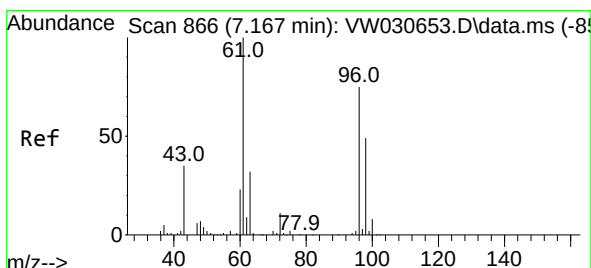
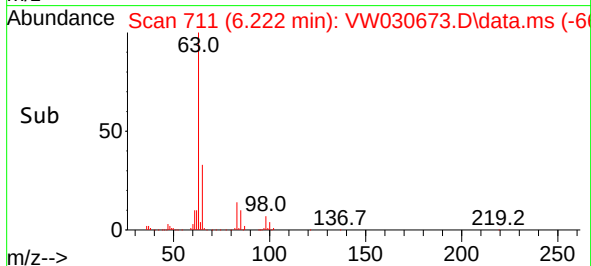
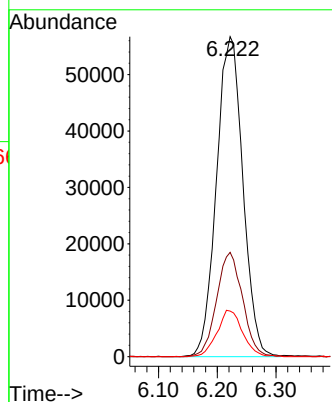
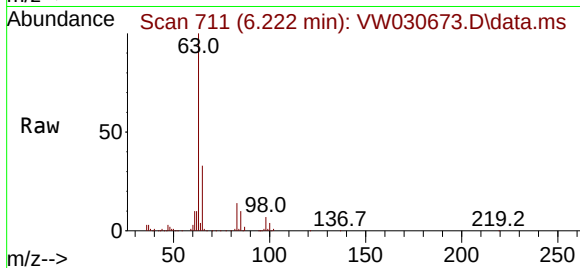
Tgt Ion: 63 Resp: 177231

Ion Ratio Lower Upper

63 100

65 32.6 22.5 41.9

83 14.3 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 24.821 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW030673.D

Acq: 18 Oct 2024 18:40

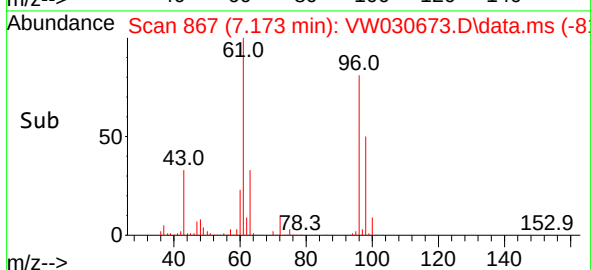
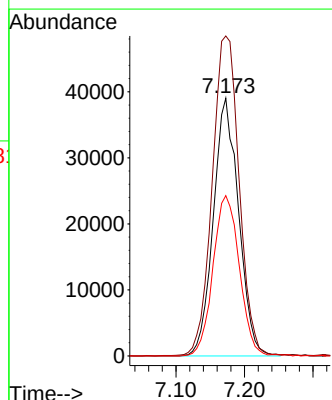
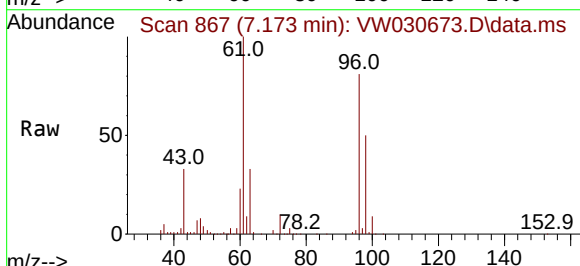
Tgt Ion: 96 Resp: 99992

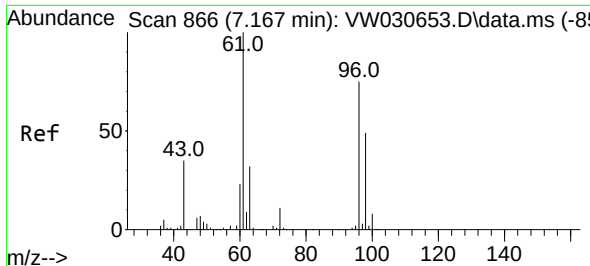
Ion Ratio Lower Upper

96 100

61 124.2 88.3 163.9

98 62.2 41.3 76.7

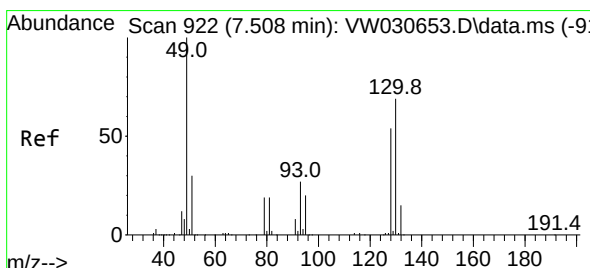
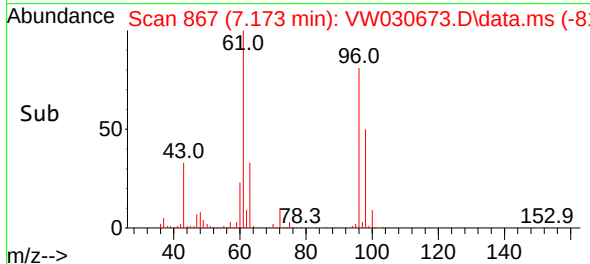
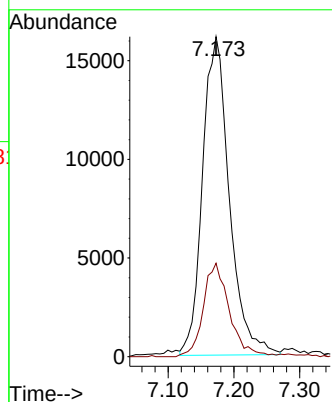
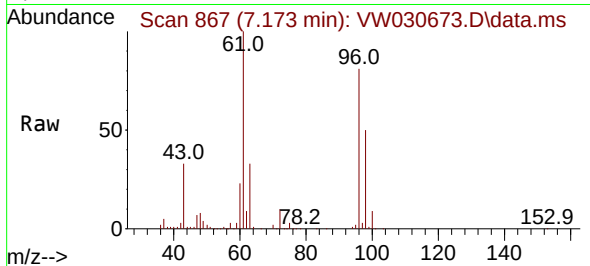




#22
2-Butanone
Concen: 39.359 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW030673.D
Acq: 18 Oct 2024 18:40

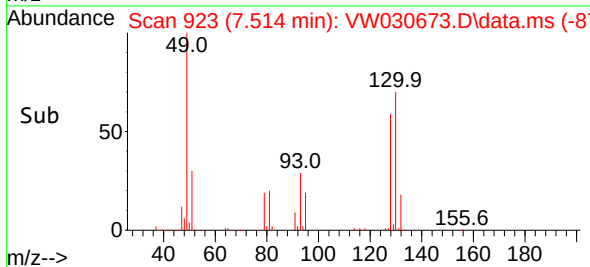
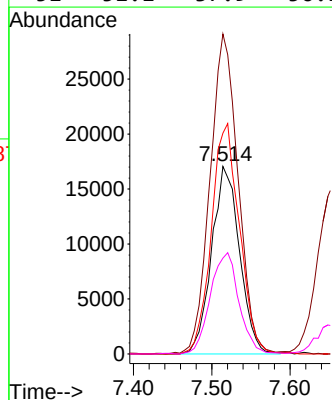
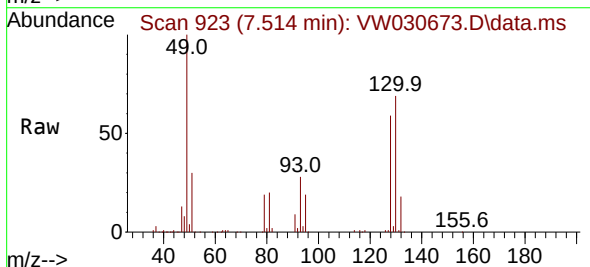
Instrument :
MSVOA_W
ClientSampleId :
A4F56MSD

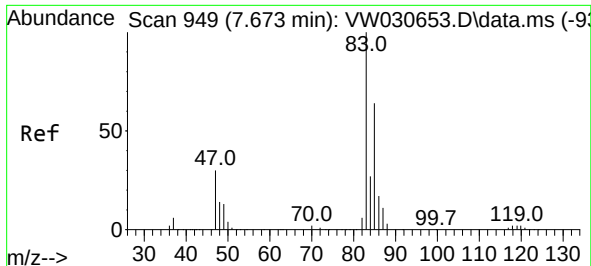
Tgt Ion: 43 Resp: 45837
Ion Ratio Lower Upper
43 100
72 27.0 14.4 43.0



#23
Bromochloromethane
Concen: 23.964 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW030673.D
Acq: 18 Oct 2024 18:40

Tgt Ion: 128 Resp: 42233
Ion Ratio Lower Upper
128 100
49 170.6 110.1 204.5
130 117.8 82.9 153.9
51 51.1 37.9 56.9

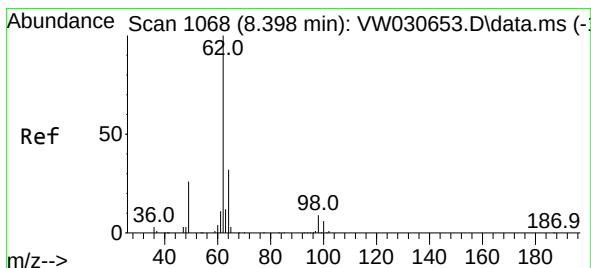
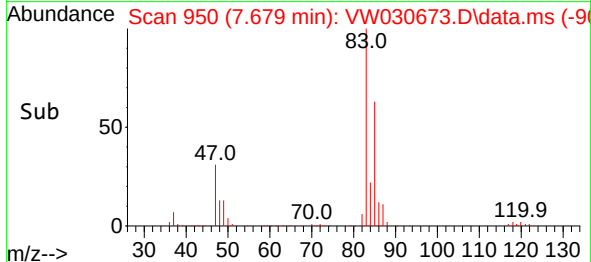
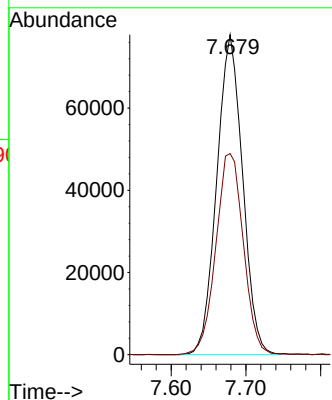
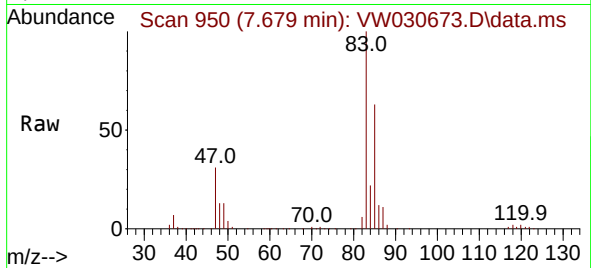




#25
Chloroform
Concen: 24.949 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW030673.D
Acq: 18 Oct 2024 18:40

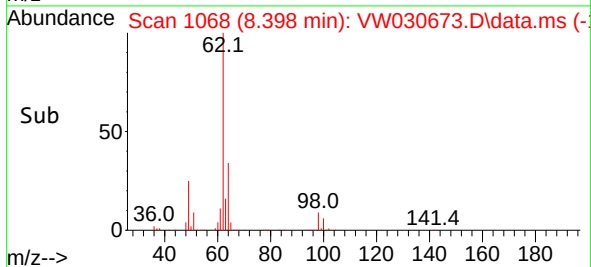
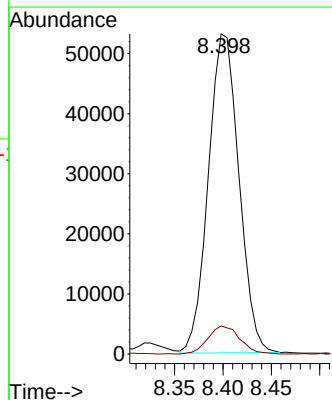
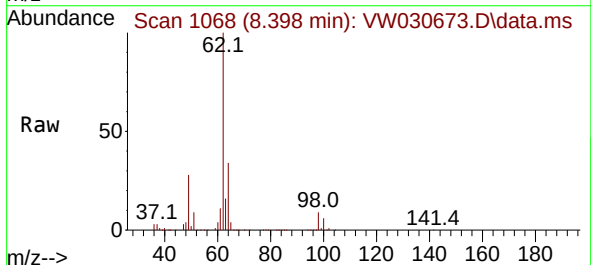
Instrument :
MSVOA_W
ClientSampleId :
A4F56MSD

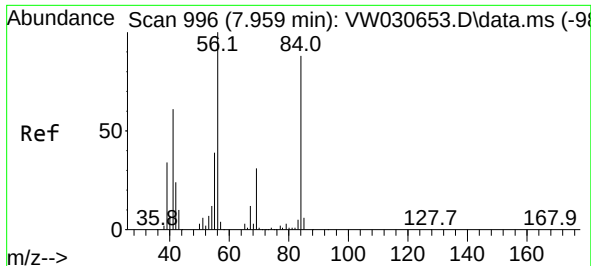
Tgt Ion: 83 Resp: 187151
Ion Ratio Lower Upper
83 100
85 62.8 45.1 83.7



#27
1,2-Dichloroethane
Concen: 23.594 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW030673.D
Acq: 18 Oct 2024 18:40

Tgt Ion: 62 Resp: 116763
Ion Ratio Lower Upper
62 100
98 8.8 7.0 10.6

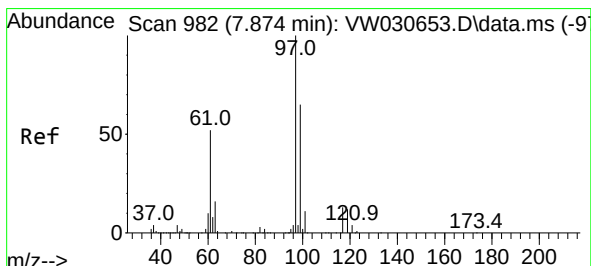
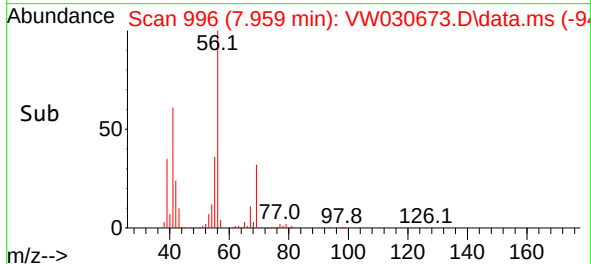
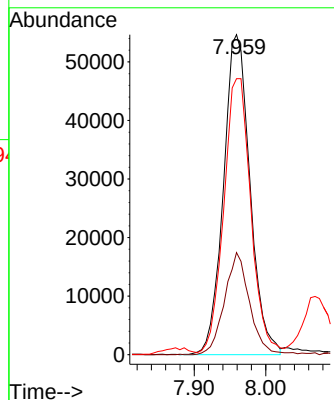
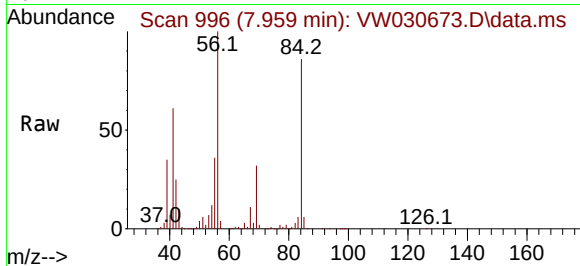




#29
Cyclohexane
Concen: 23.771 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW030673.D
Acq: 18 Oct 2024 18:40

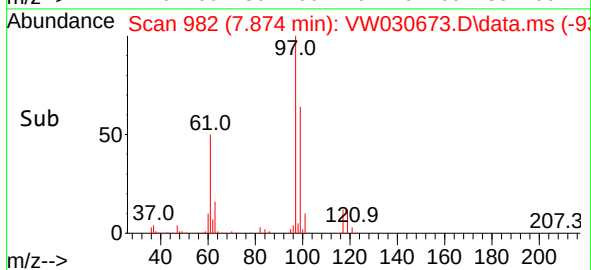
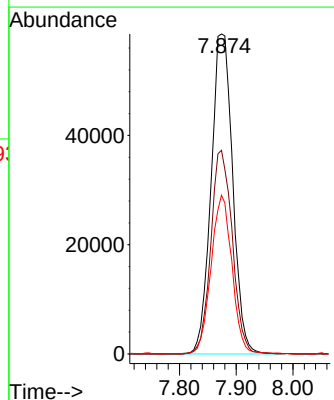
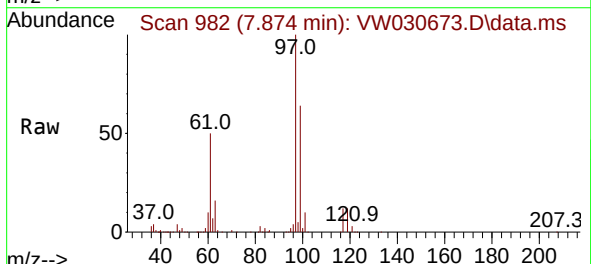
Instrument :
MSVOA_W
ClientSampleId :
A4F56MSD

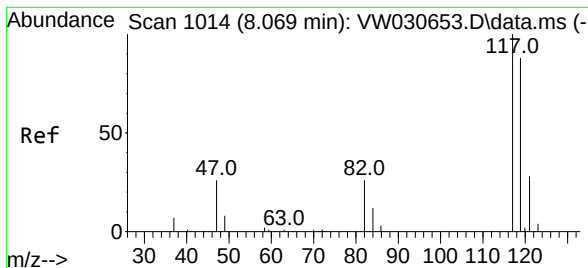
Tgt Ion: 56 Resp: 141273
Ion Ratio Lower Upper
56 100
69 29.8 25.4 38.0
84 87.4 72.3 108.5



#30
1,1,1-Trichloroethane
Concen: 23.953 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW030673.D
Acq: 18 Oct 2024 18:40

Tgt Ion: 97 Resp: 155243
Ion Ratio Lower Upper
97 100
99 63.0 52.3 78.5
61 48.0 38.5 57.7





#31

Carbon tetrachloride

Concen: 23.619 ug/L

RT: 8.075 min Scan# 1014

Delta R.T. 0.006 min

Lab File: VW030673.D

Acq: 18 Oct 2024 18:40

Instrument :

MSVOA_W

ClientSampleId :

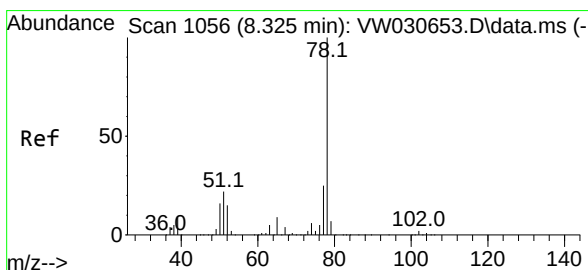
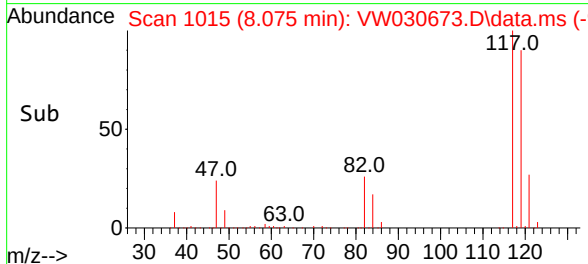
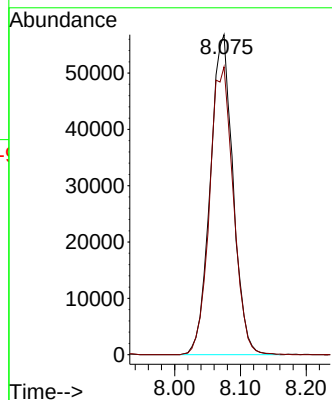
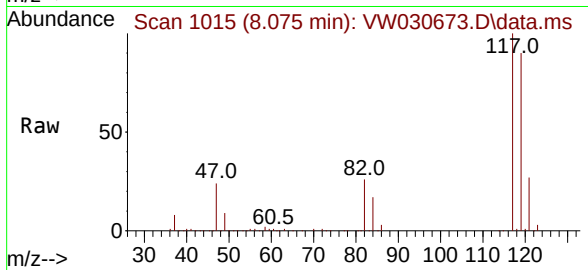
A4F56MSD

Tgt Ion:117 Resp: 136724

Ion Ratio Lower Upper

117 100

119 93.9 77.8 116.8



#33

Benzene

Concen: 24.598 ug/L

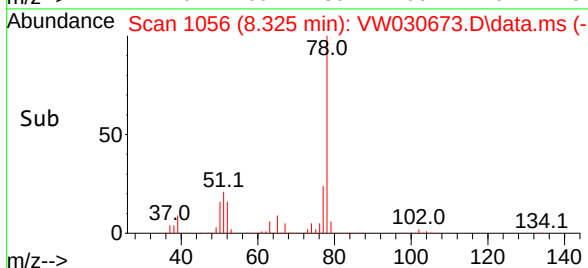
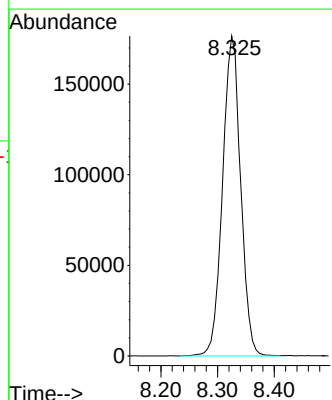
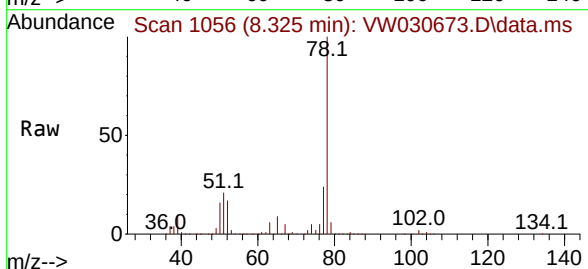
RT: 8.325 min Scan# 1056

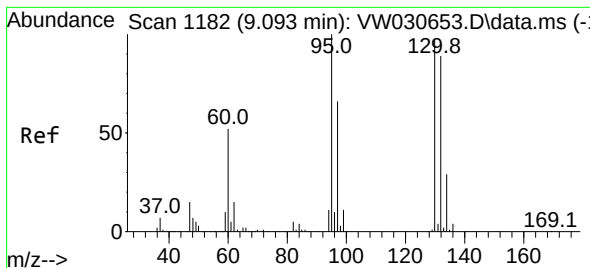
Delta R.T. 0.000 min

Lab File: VW030673.D

Acq: 18 Oct 2024 18:40

Tgt Ion: 78 Resp: 390813





#34

Trichloroethene

Concen: 23.391 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030673.D

Acq: 18 Oct 2024 18:40

Instrument :

MSVOA_W

ClientSampleId :

A4F56MSD

Tgt Ion: 95 Resp: 103393

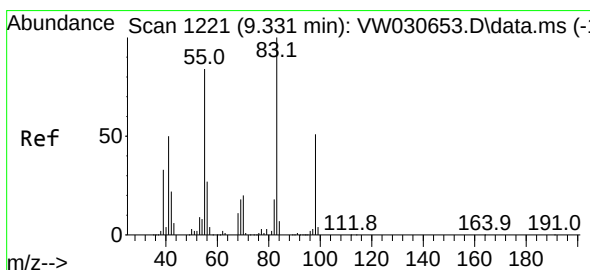
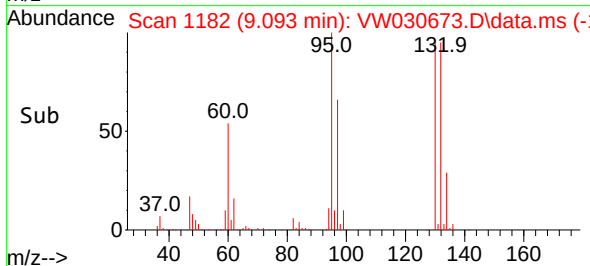
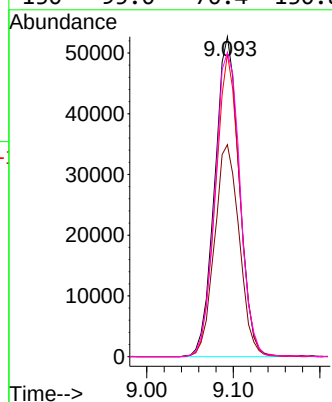
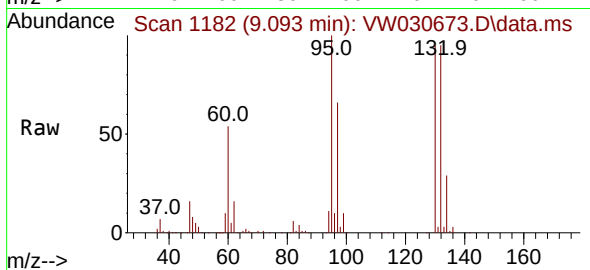
Ion Ratio Lower Upper

95 100

97 66.2 45.9 85.3

132 94.7 66.4 123.2

130 95.0 70.4 130.8



#35

Methylcyclohexane

Concen: 23.284 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030673.D

Acq: 18 Oct 2024 18:40

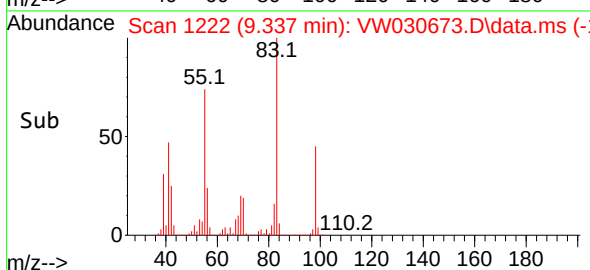
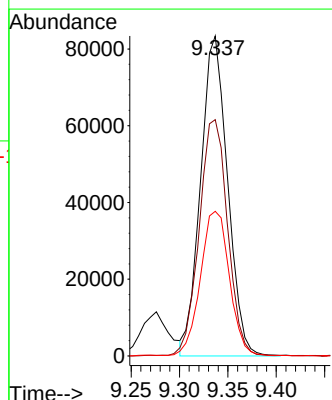
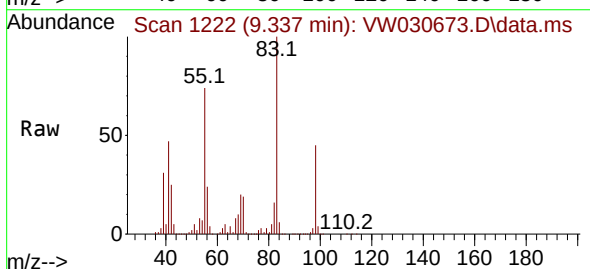
Tgt Ion: 83 Resp: 161972

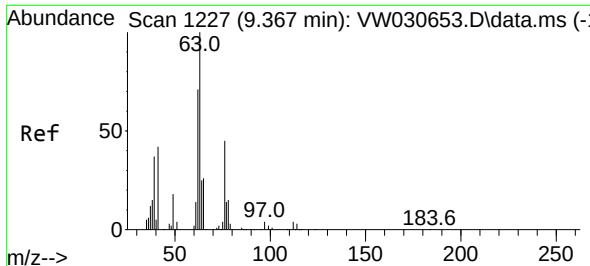
Ion Ratio Lower Upper

83 100

55 77.9 61.8 92.8

98 48.7 39.3 58.9





#37

1,2-Dichloropropane

Concen: 25.696 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030673.D

Acq: 18 Oct 2024 18:40

Instrument :

MSVOA_W

ClientSampleId :

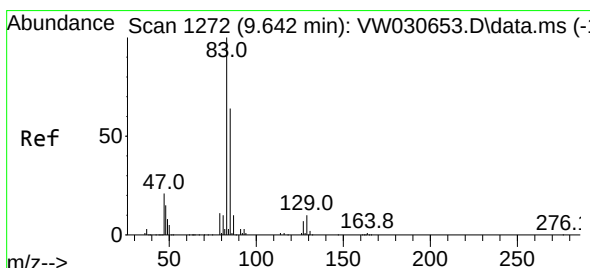
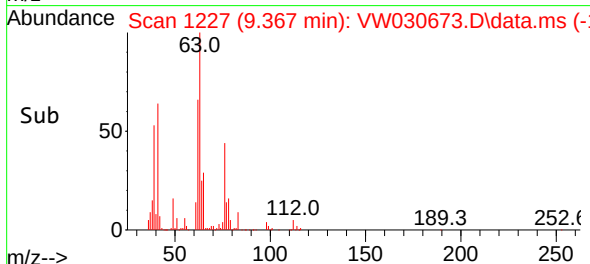
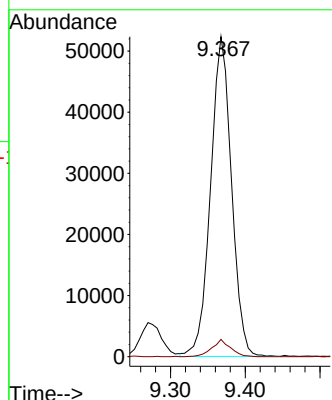
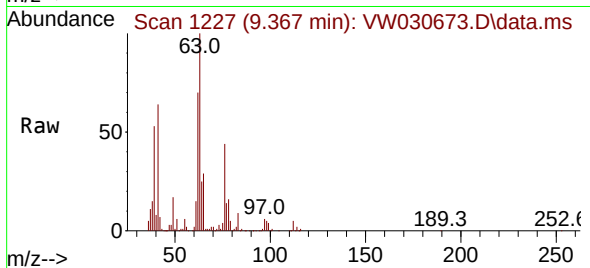
A4F56MSD

Tgt Ion: 63 Resp: 101966

Ion Ratio Lower Upper

63 100

112 4.7 3.7 5.5



#38

Bromodichloromethane

Concen: 25.039 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030673.D

Acq: 18 Oct 2024 18:40

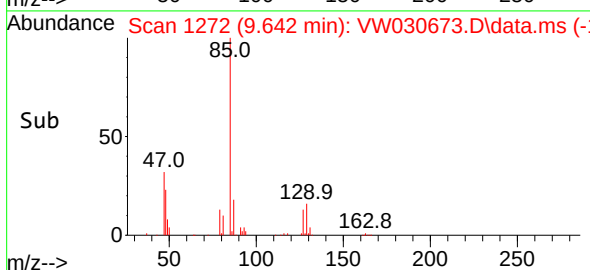
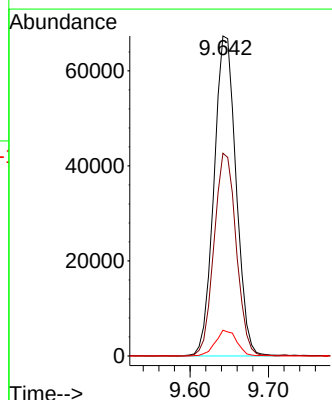
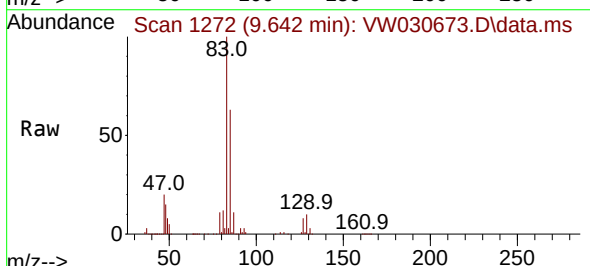
Tgt Ion: 83 Resp: 132193

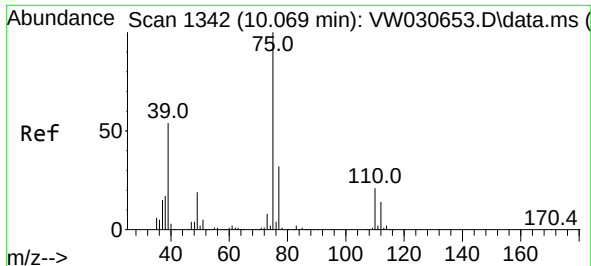
Ion Ratio Lower Upper

83 100

85 63.3 44.2 82.0

127 8.1 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 24.614 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030673.D

Acq: 18 Oct 2024 18:40

Instrument :

MSVOA_W

ClientSampleId :

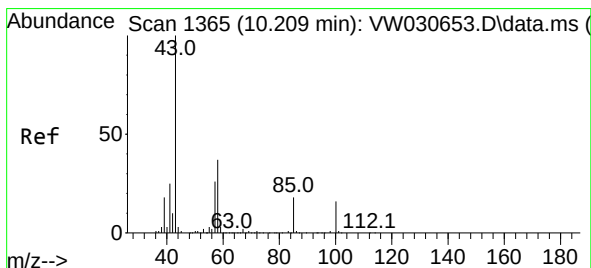
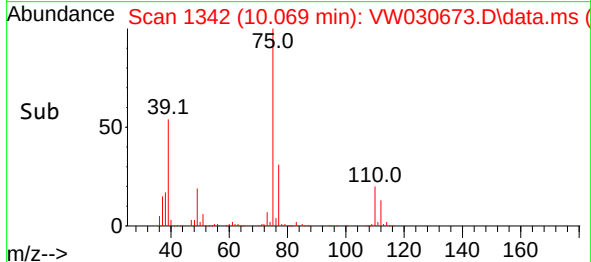
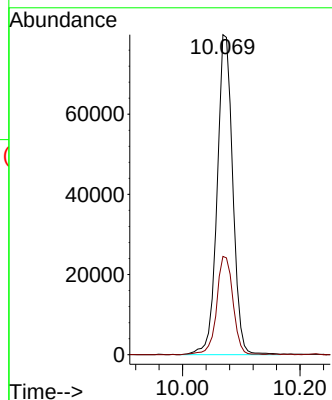
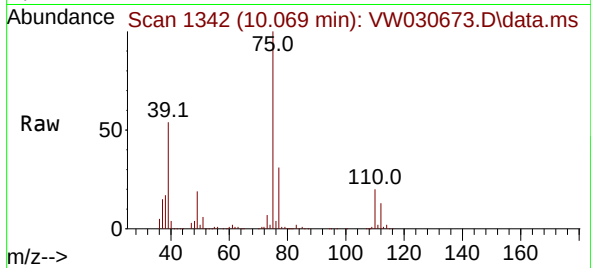
A4F56MSD

Tgt Ion: 75 Resp: 147323

Ion Ratio Lower Upper

75 100

77 30.7 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 48.405 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030673.D

Acq: 18 Oct 2024 18:40

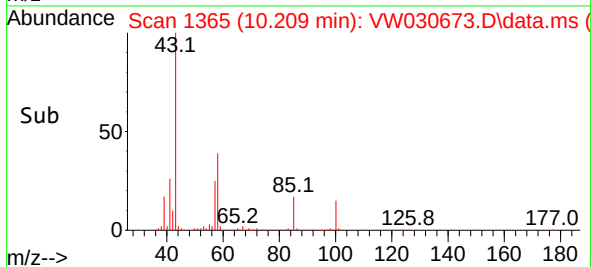
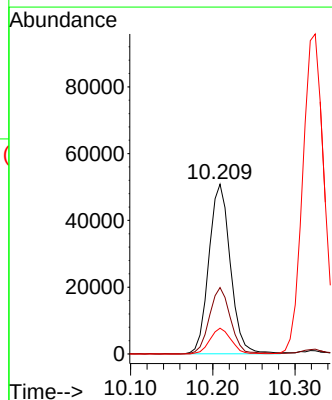
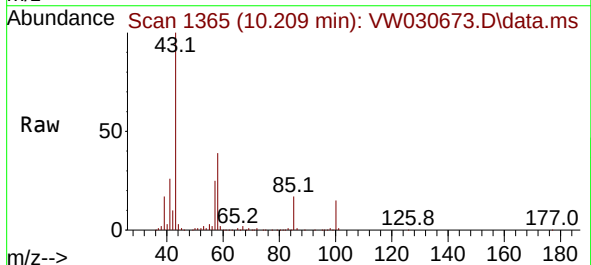
Tgt Ion: 43 Resp: 92276

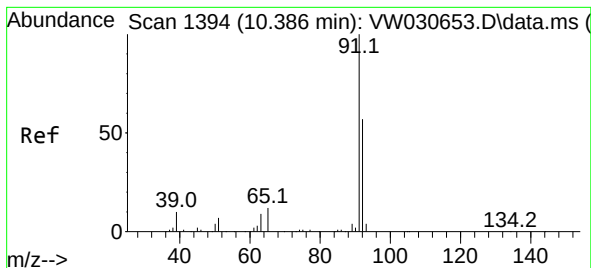
Ion Ratio Lower Upper

43 100

58 38.3 31.4 47.2

100 15.1 13.1 19.7





#42

Toluene

Concen: 25.494 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030673.D

Acq: 18 Oct 2024 18:40

Instrument :

MSVOA_W

ClientSampleId :

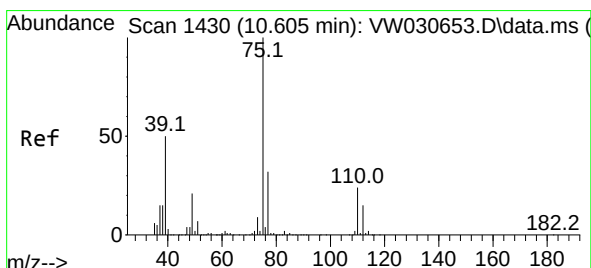
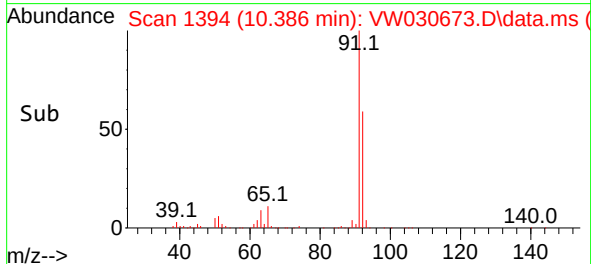
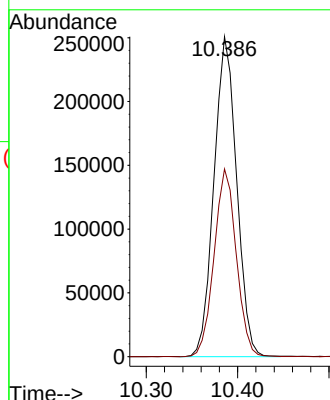
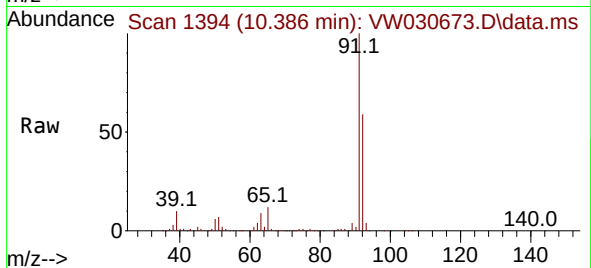
A4F56MSD

Tgt Ion: 91 Resp: 432123

Ion Ratio Lower Upper

91 100

92 58.7 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 24.385 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030673.D

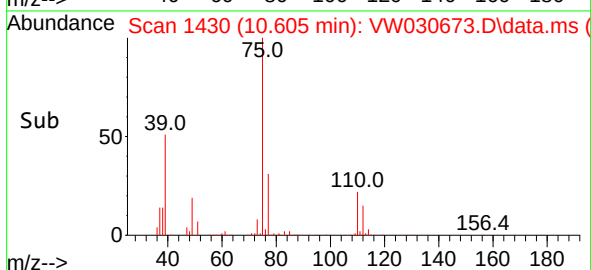
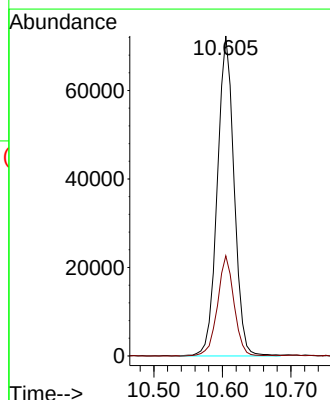
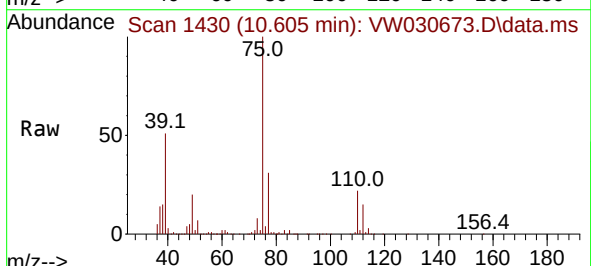
Acq: 18 Oct 2024 18:40

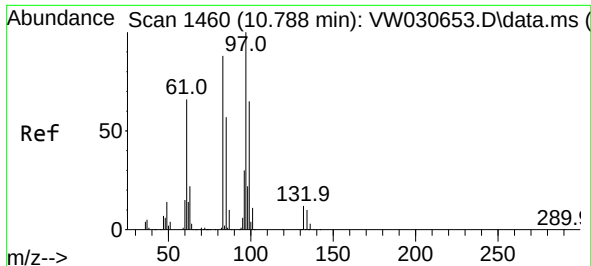
Tgt Ion: 75 Resp: 122648

Ion Ratio Lower Upper

75 100

77 31.3 21.6 40.2

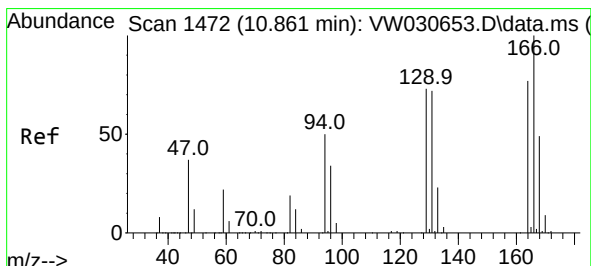
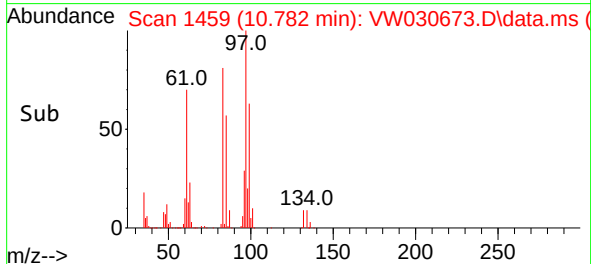
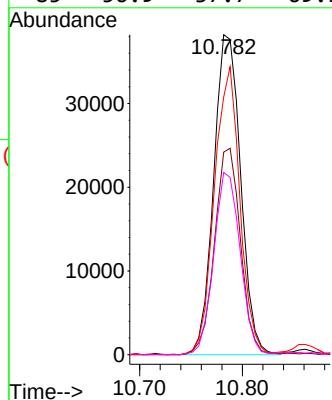
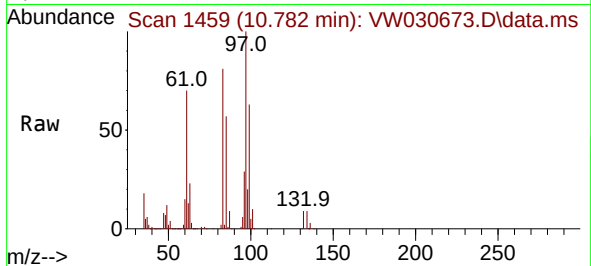




#45
1,1,2-Trichloroethane
Concen: 24.246 ug/L
RT: 10.782 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW030673.D
Acq: 18 Oct 2024 18:40

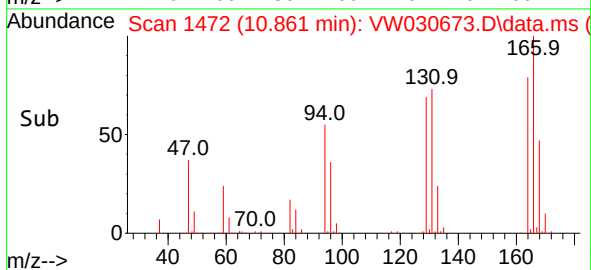
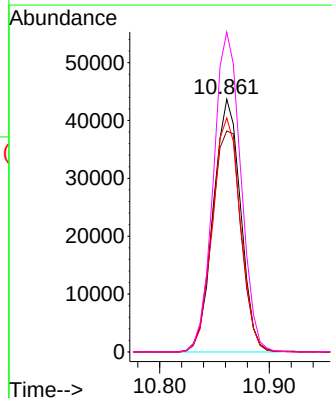
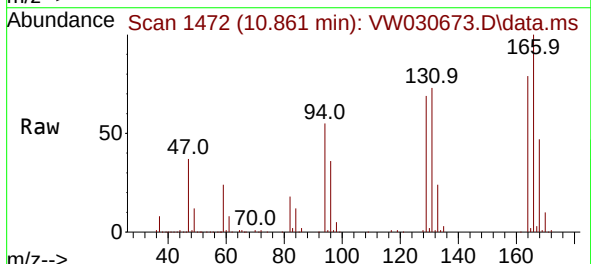
Instrument :
MSVOA_W
ClientSampleId :
A4F56MSD

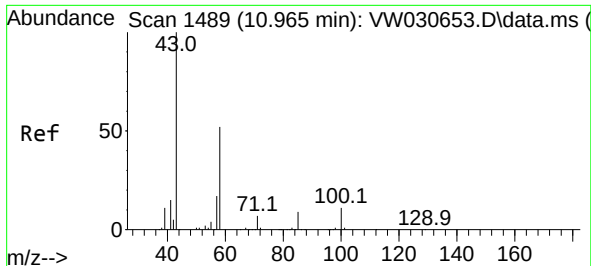
Tgt Ion: 97	Resp: 69535
Ion Ratio	Lower Upper
97 100	
99 63.3	41.2 76.6
83 80.5	59.6 110.6
85 56.9	37.7 69.9



#46
Tetrachloroethene
Concen: 23.229 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW030673.D
Acq: 18 Oct 2024 18:40

Tgt	Ion:164	Resp:	75728
Ion	Ratio	Lower	Upper
164	100		
129	87.4	66.6	123.6
131	92.6	63.7	118.3
166	126.5	88.7	164.7



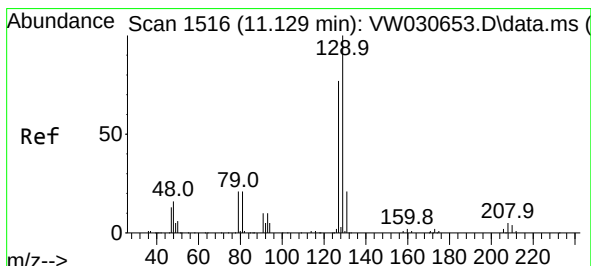
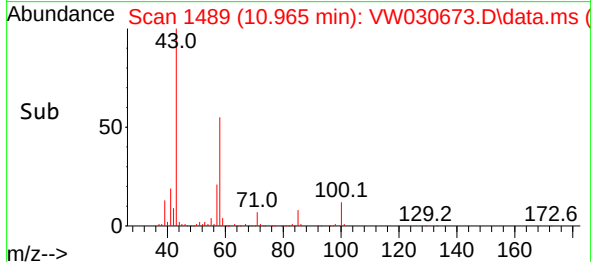
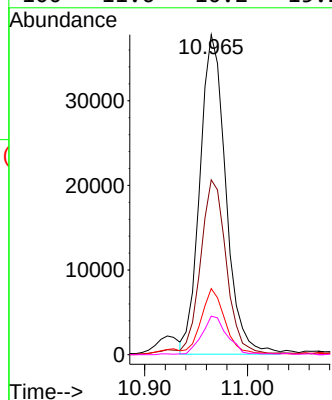
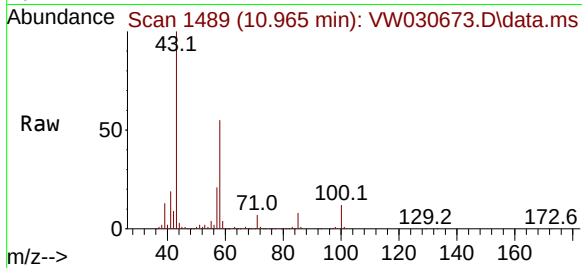


#48
2-Hexanone
Concen: 42.496 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030673.D
Acq: 18 Oct 2024 18:40

Instrument :
MSVOA_W
ClientSampleId :
A4F56MSD

Tgt Ion: 43 Resp: 66249

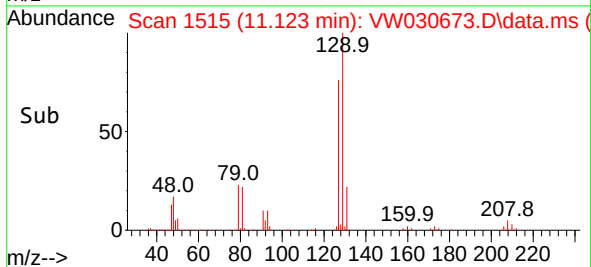
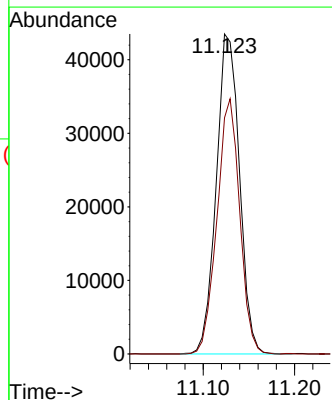
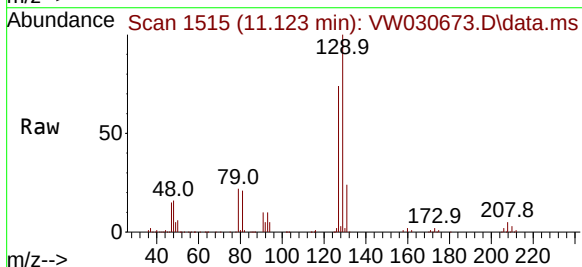
Ion	Ratio	Lower	Upper
43	100		
58	54.0	44.6	67.0
57	19.5	15.8	23.8
100	11.6	10.2	15.2

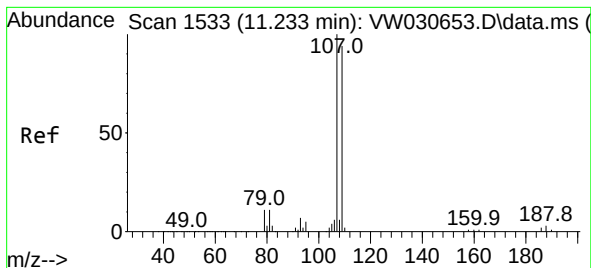


#49
Dibromochloromethane
Concen: 24.021 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW030673.D
Acq: 18 Oct 2024 18:40

Tgt Ion: 129 Resp: 76866

Ion	Ratio	Lower	Upper
129	100		
127	73.8	56.5	104.9

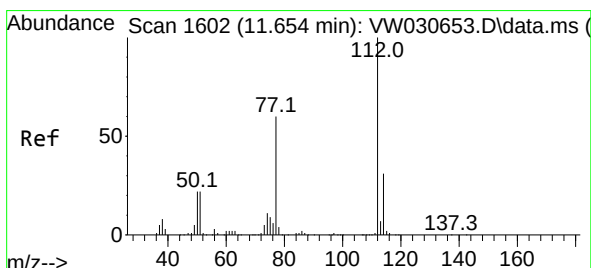
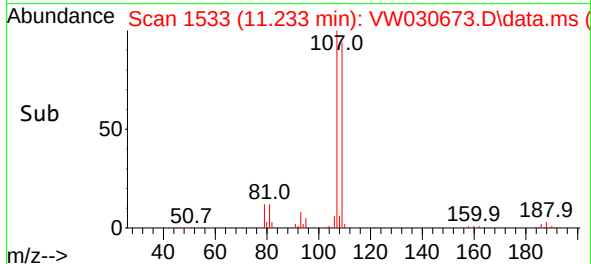
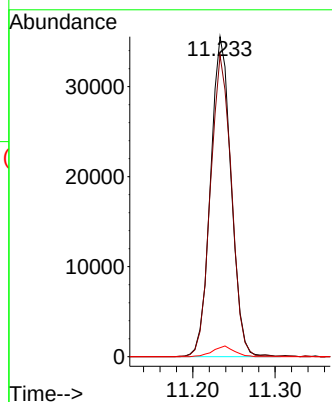
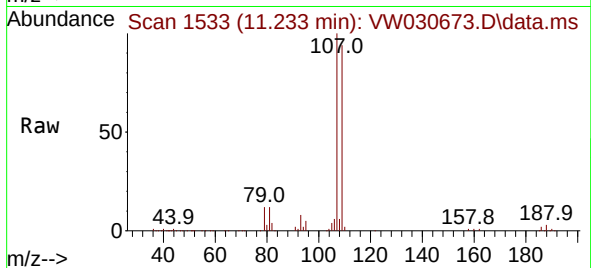




#50
1,2-Dibromoethane
Concen: 23.163 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW030673.D
Acq: 18 Oct 2024 18:40

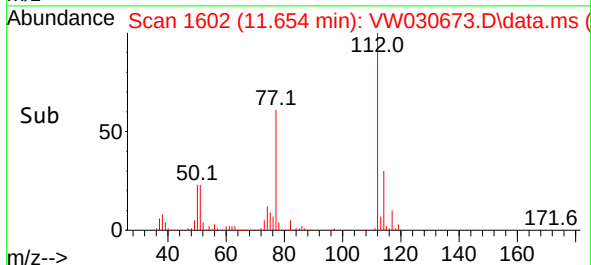
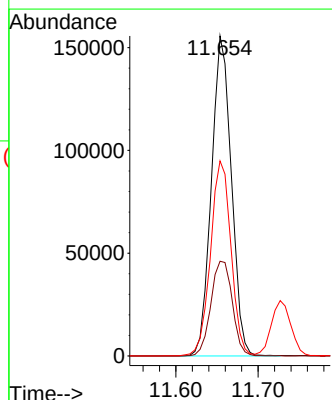
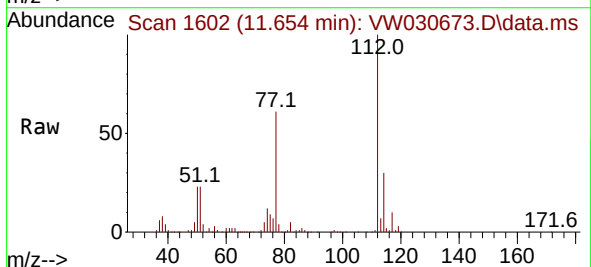
Instrument :
MSVOA_W
ClientSampleId :
A4F56MSD

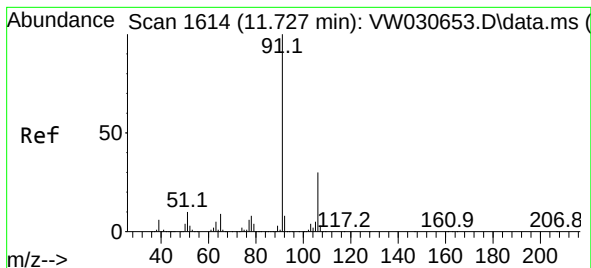
Tgt Ion:	107	Resp:	61985
Ion	Ratio	Lower	Upper
107	100		
109	94.2	63.8	118.6
188	2.8	2.6	3.8



#51
Chlorobenzene
Concen: 24.031 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW030673.D
Acq: 18 Oct 2024 18:40

Tgt Ion:	112	Resp:	262209
Ion	Ratio	Lower	Upper
112	100		
114	29.6	22.4	41.6
77	60.9	47.1	70.7

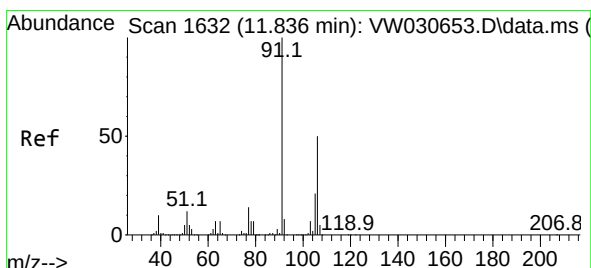
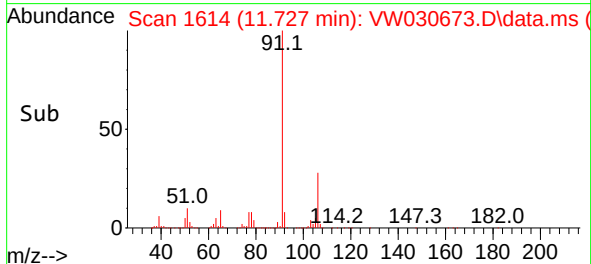
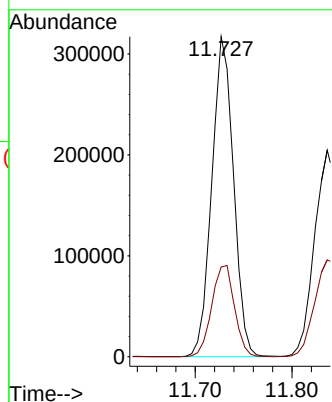
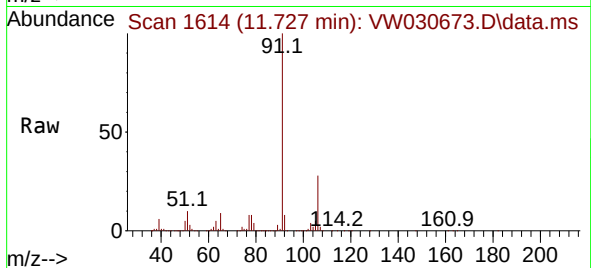




#52
Ethylbenzene
Concen: 25.558 ug/L
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW030673.D
Acq: 18 Oct 2024 18:40

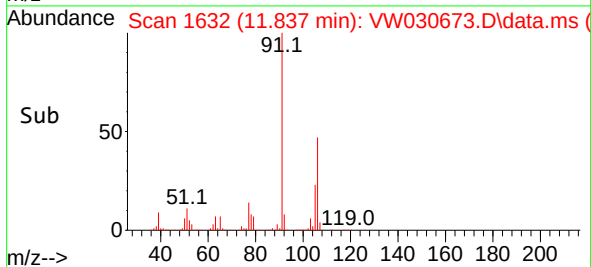
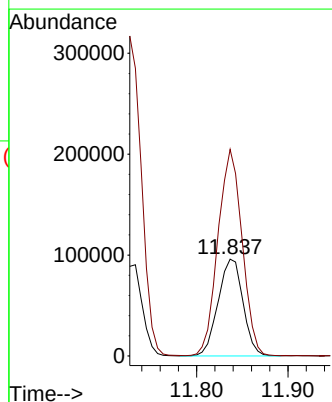
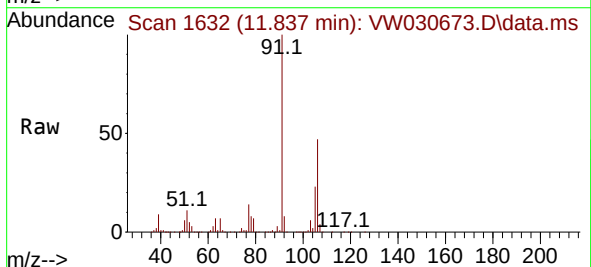
Instrument :
MSVOA_W
ClientSampleId :
A4F56MSD

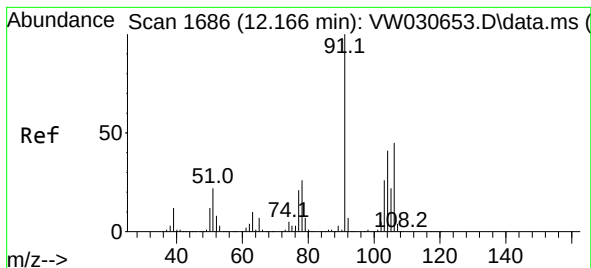
Tgt Ion: 91 Resp: 494321
Ion Ratio Lower Upper
91 100
106 28.0 21.1 39.1



#53
m,p-Xylene
Concen: 25.092 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030673.D
Acq: 18 Oct 2024 18:40

Tgt Ion:106 Resp: 181814
Ion Ratio Lower Upper
106 100
91 213.3 140.6 261.2





#54

o-Xylene

Concen: 25.272 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030673.D

Acq: 18 Oct 2024 18:40

Instrument :

MSVOA_W

ClientSampleId :

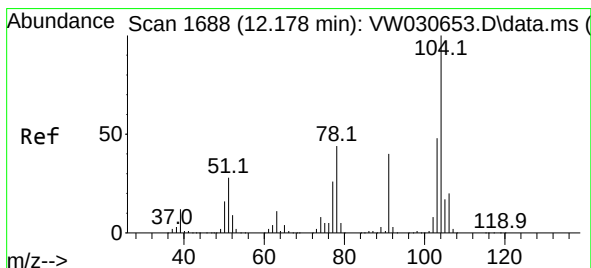
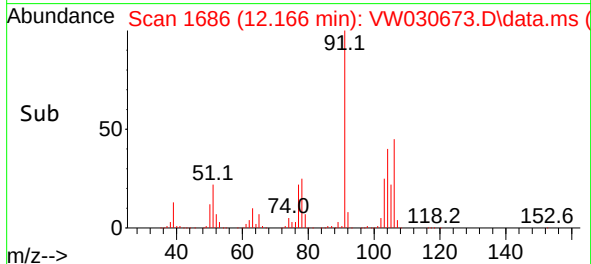
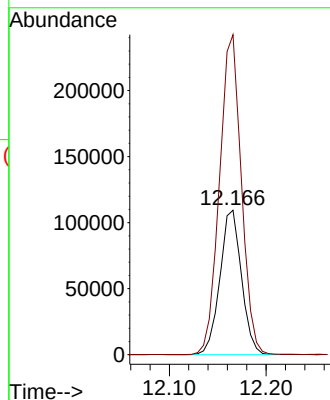
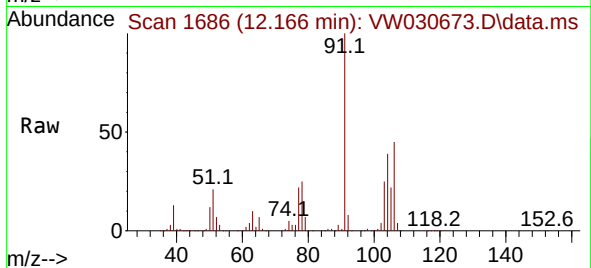
A4F56MSD

Tgt Ion:106 Resp: 169297

Ion Ratio Lower Upper

106 100

91 221.5 144.5 268.4



#55

Styrene

Concen: 26.023 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030673.D

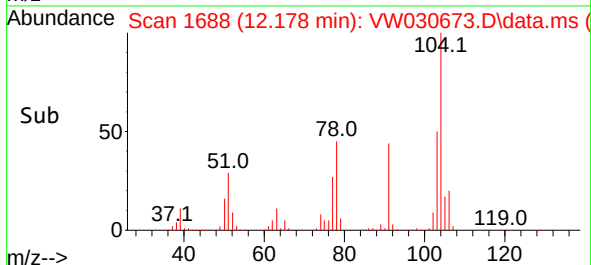
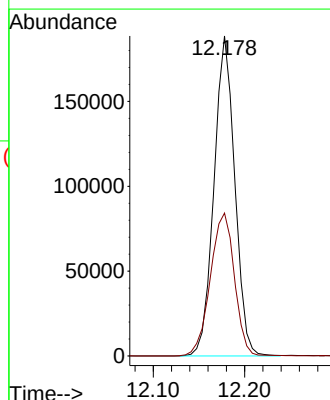
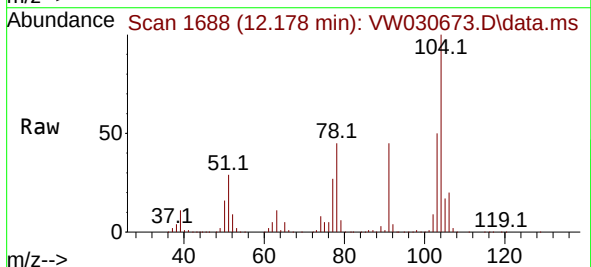
Acq: 18 Oct 2024 18:40

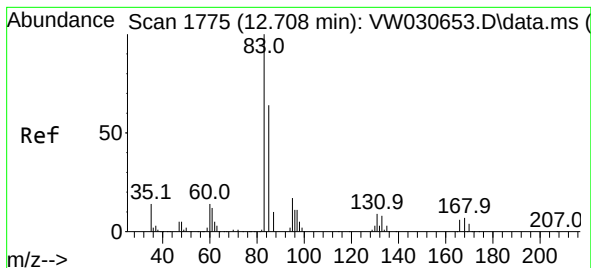
Tgt Ion:104 Resp: 298022

Ion Ratio Lower Upper

104 100

78 44.6 34.3 63.7

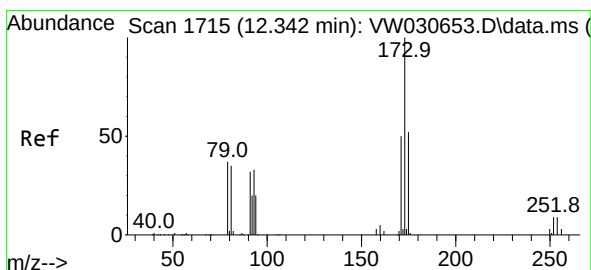
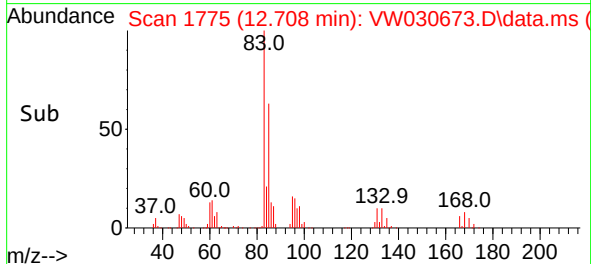
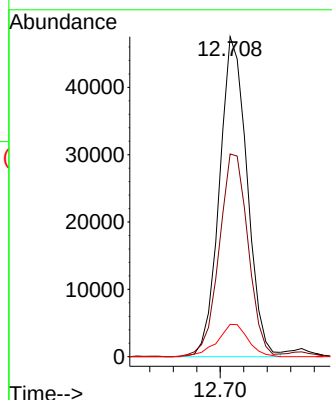
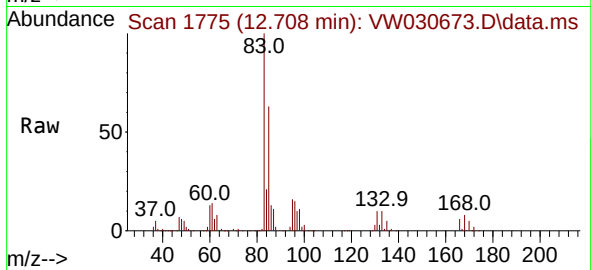




#57
1,1,2,2-Tetrachloroethane
Concen: 24.006 ug/L
RT: 12.708 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030673.D
Acq: 18 Oct 2024 18:40

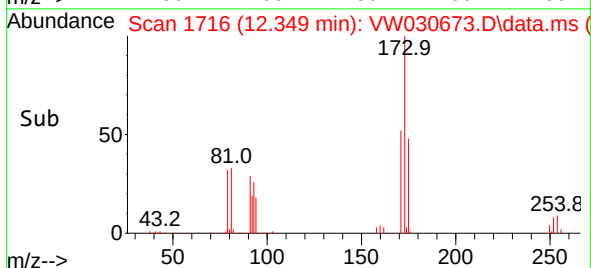
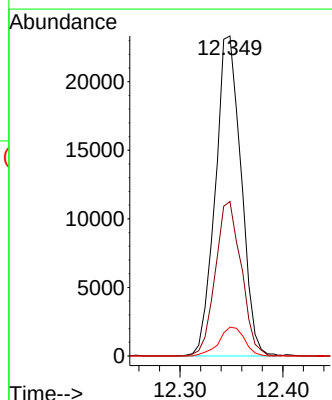
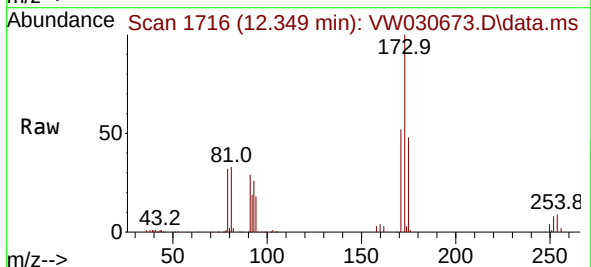
Instrument :
MSVOA_W
ClientSampleId :
A4F56MSD

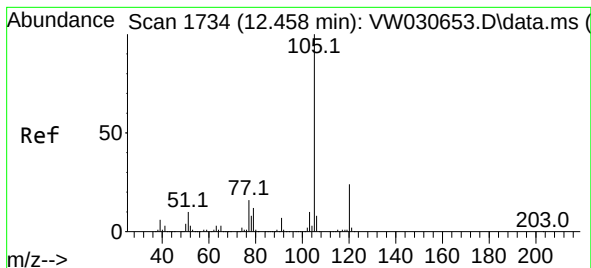
Tgt Ion: 83 Resp: 77638
Ion Ratio Lower Upper
83 100
85 63.3 42.6 79.2
131 10.1 7.4 11.0



#59
Bromoform
Concen: 23.754 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW030673.D
Acq: 18 Oct 2024 18:40

Tgt Ion: 173 Resp: 40624
Ion Ratio Lower Upper
173 100
175 48.6 39.0 58.4
254 8.9 7.7 11.5





#60

Isopropylbenzene

Concen: 25.527 ug/L

RT: 12.464 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030673.D

Acq: 18 Oct 2024 18:40

Instrument :

MSVOA_W

ClientSampleId :

A4F56MSD

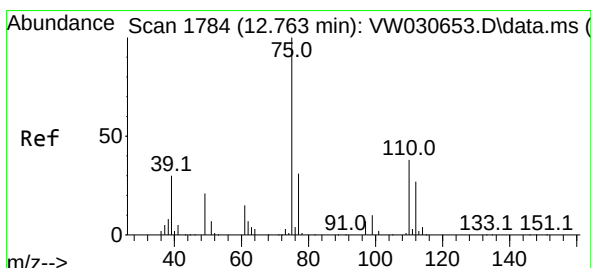
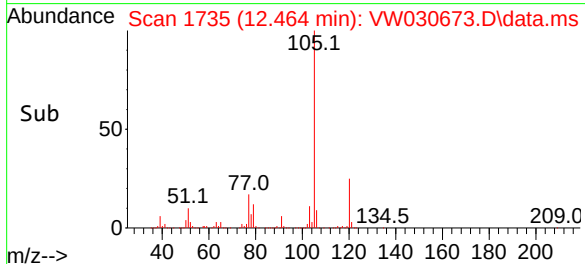
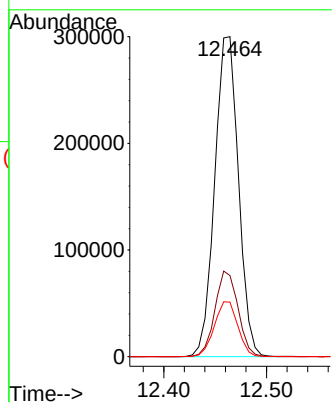
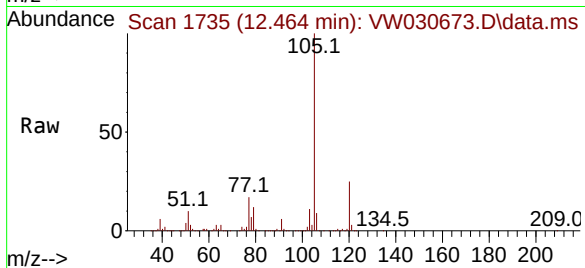
Tgt Ion:105 Resp: 481196

Ion Ratio Lower Upper

105 100

120 26.0 20.6 31.0

77 17.1 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 22.837 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW030673.D

Acq: 18 Oct 2024 18:40

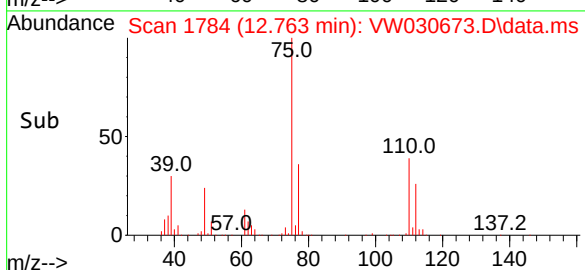
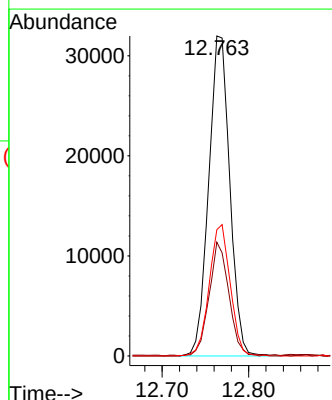
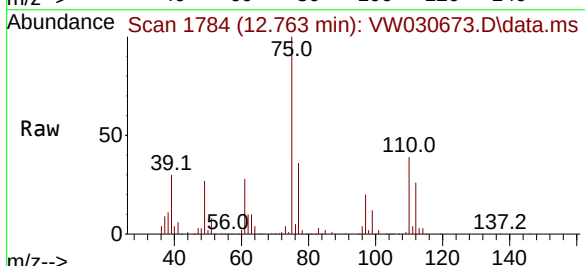
Tgt Ion: 75 Resp: 54091

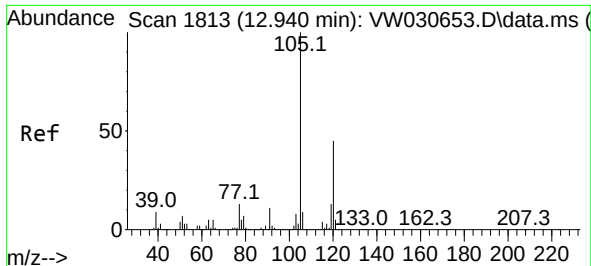
Ion Ratio Lower Upper

75 100

77 33.4 25.7 38.5

110 40.7 32.3 48.5

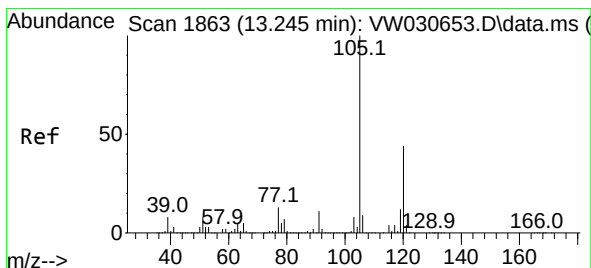
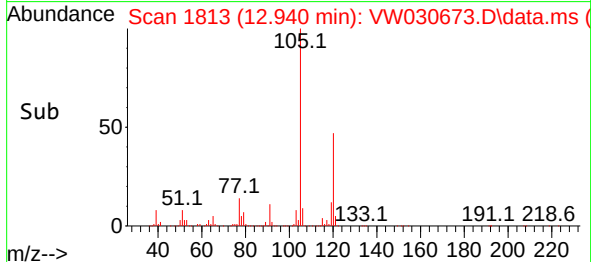
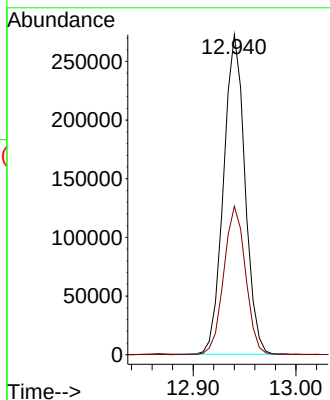
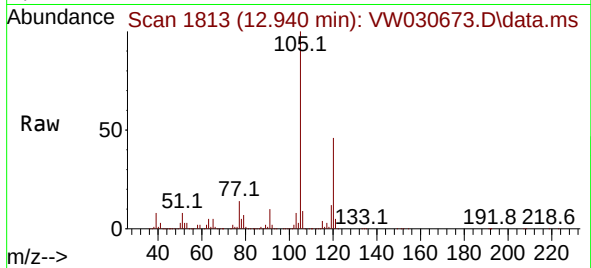




#62
1,3,5-Trimethylbenzene
Concen: 26.548 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030673.D
Acq: 18 Oct 2024 18:40

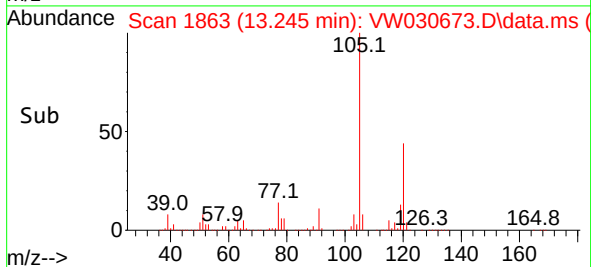
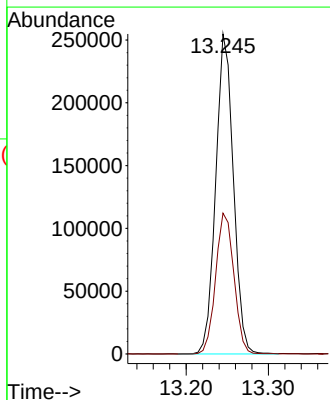
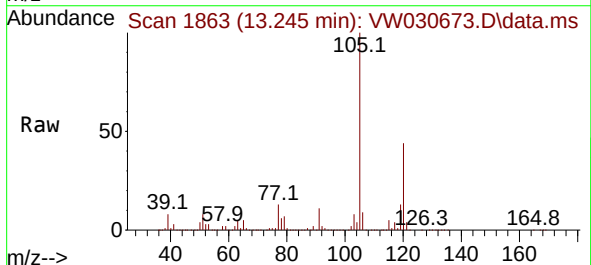
Instrument :
MSVOA_W
ClientSampleId :
A4F56MSD

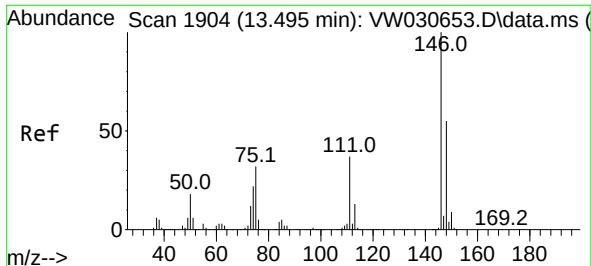
Tgt Ion:105 Resp: 394810
Ion Ratio Lower Upper
105 100
120 47.1 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 26.121 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030673.D
Acq: 18 Oct 2024 18:40

Tgt Ion:105 Resp: 380337
Ion Ratio Lower Upper
105 100
120 45.5 35.8 53.6

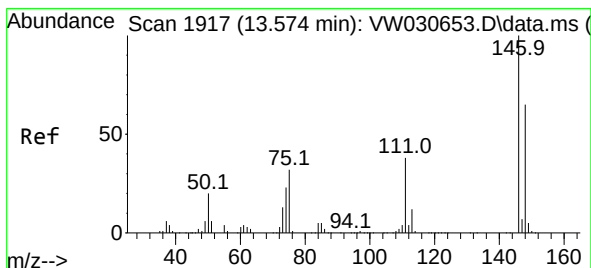
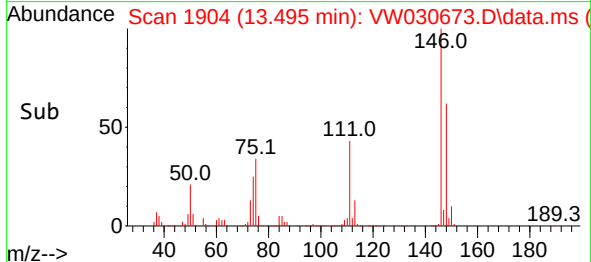
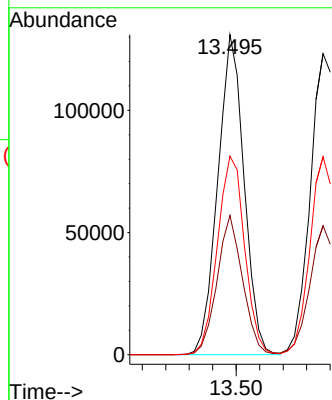
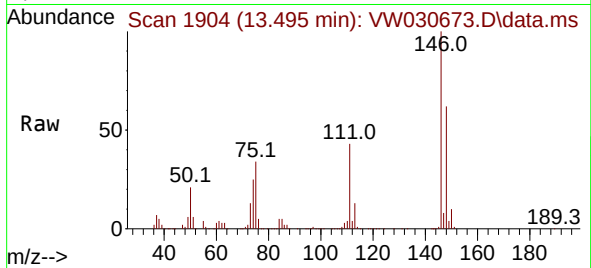




#64
 1,3-Dichlorobenzene
 Concen: 24.829 ug/L
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW030673.D
 Acq: 18 Oct 2024 18:40

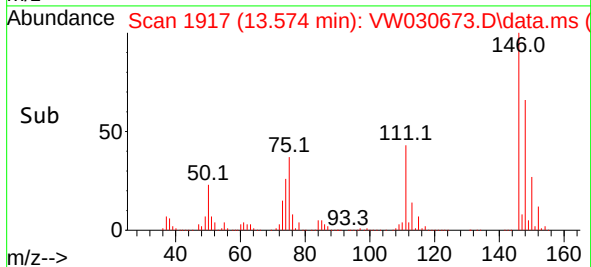
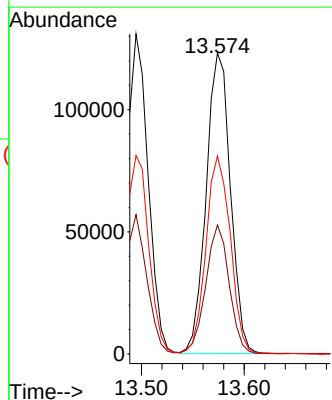
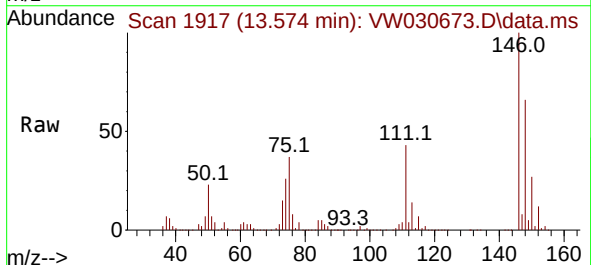
Instrument :
 MSVOA_W
 ClientSampleId :
 A4F56MSD

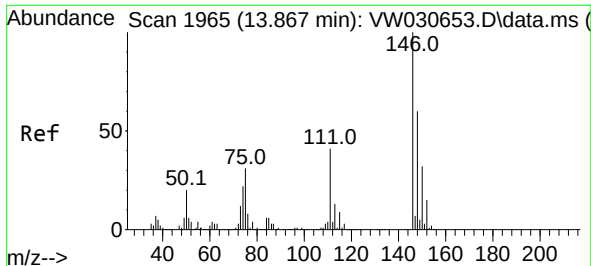
Tgt Ion:146 Resp: 203719
 Ion Ratio Lower Upper
 146 100
 111 43.5 31.2 58.0
 148 62.0 45.7 84.9



#65
 1,4-Dichlorobenzene
 Concen: 23.888 ug/L
 RT: 13.574 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: VW030673.D
 Acq: 18 Oct 2024 18:40

Tgt Ion:146 Resp: 202382
 Ion Ratio Lower Upper
 146 100
 111 42.9 26.8 49.8
 148 65.9 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 25.301 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW030673.D

Acq: 18 Oct 2024 18:40

Instrument :

MSVOA_W

ClientSampleId :

A4F56MSD

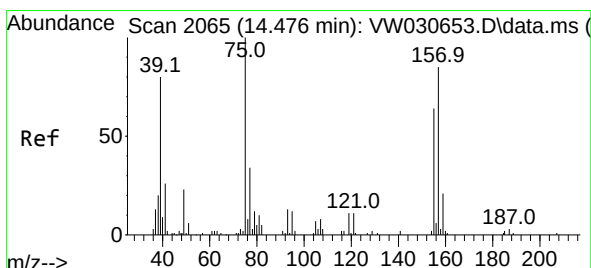
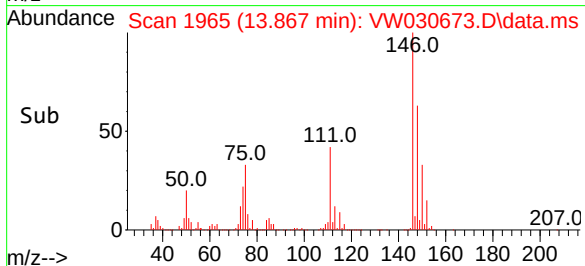
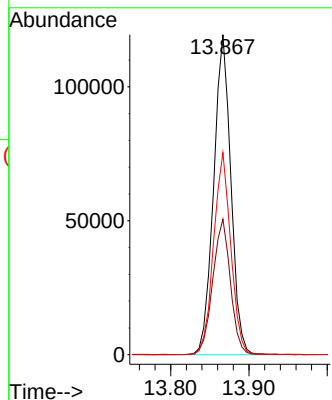
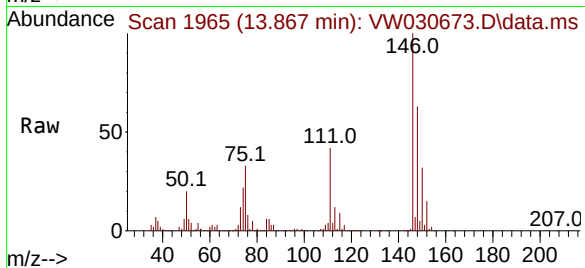
Tgt Ion:146 Resp: 182675

Ion Ratio Lower Upper

146 100

111 42.3 34.6 52.0

148 63.1 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 21.716 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW030673.D

Acq: 18 Oct 2024 18:40

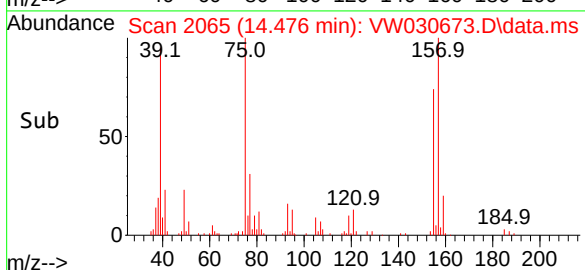
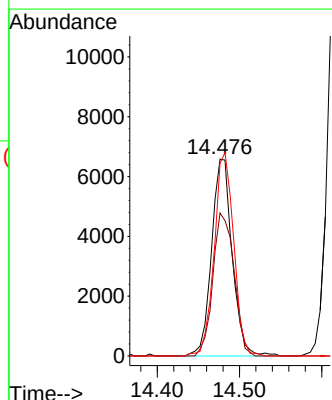
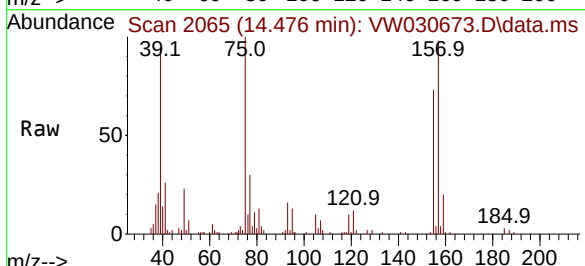
Tgt Ion: 75 Resp: 11469

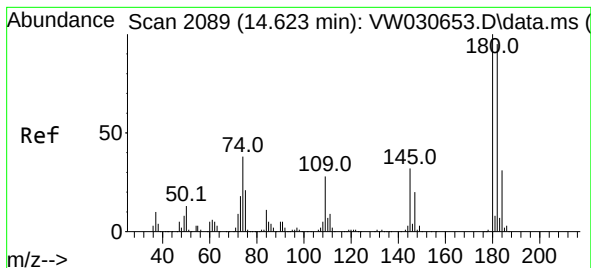
Ion Ratio Lower Upper

75 100

155 72.6 57.9 86.9

157 97.9 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 24.642 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW030673.D

Acq: 18 Oct 2024 18:40

Instrument :

MSVOA_W

ClientSampleId :

A4F56MSD

Tgt Ion:180 Resp: 133330

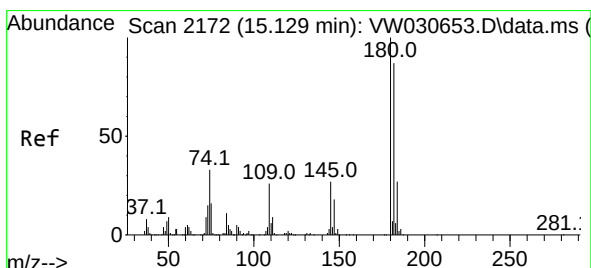
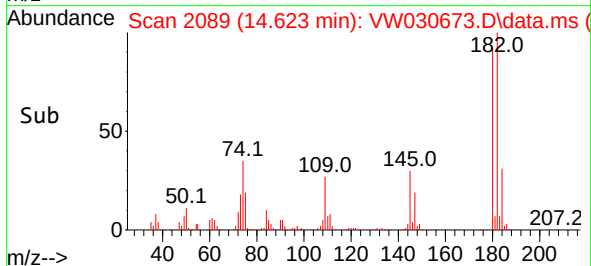
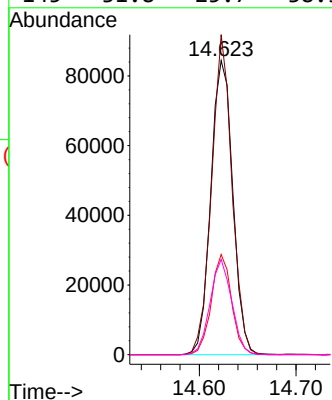
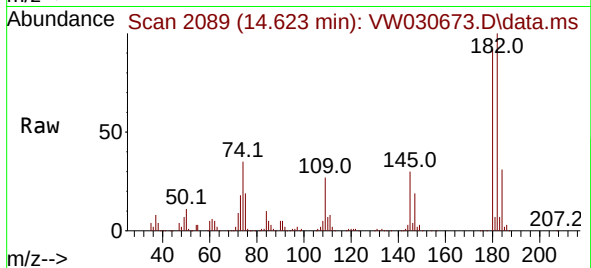
Ion Ratio Lower Upper

180 100

182 100.9 79.9 119.9

184 31.5 25.2 37.8

145 31.8 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 24.386 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW030673.D

Acq: 18 Oct 2024 18:40

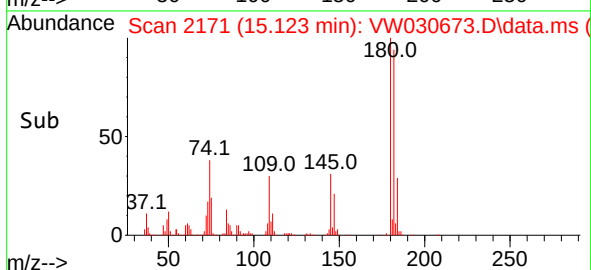
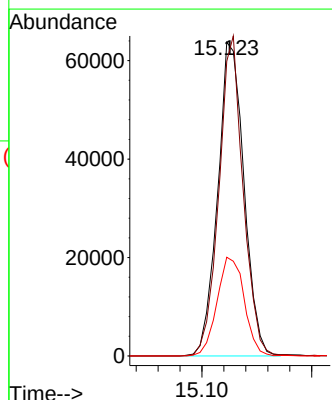
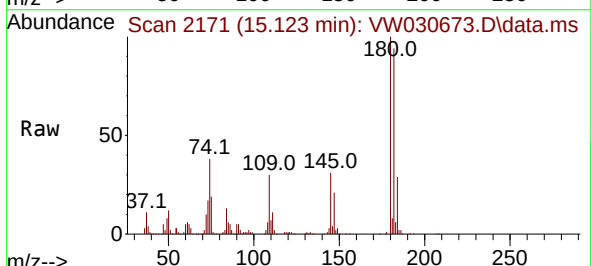
Tgt Ion:180 Resp: 106220

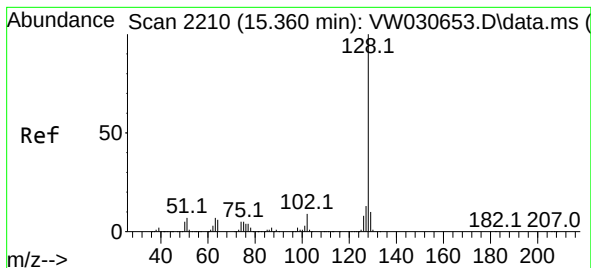
Ion Ratio Lower Upper

180 100

182 93.4 75.2 112.8

145 32.5 25.4 38.2





#71

Naphthalene

Concen: 24.208 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW030673.D

Acq: 18 Oct 2024 18:40

Instrument :

MSVOA_W

ClientSampleId :

A4F56MSD

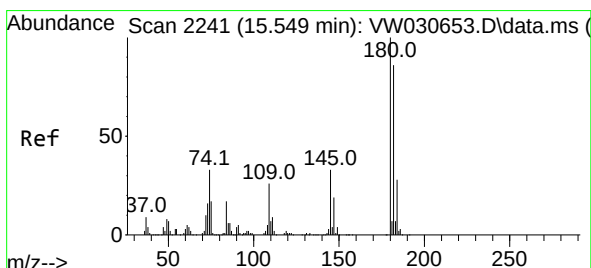
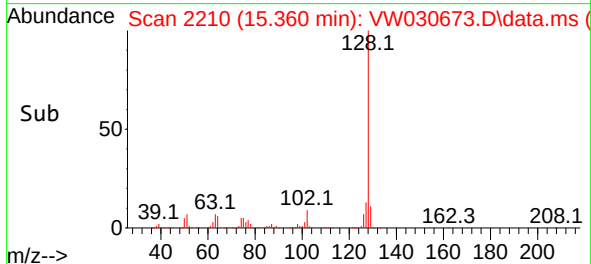
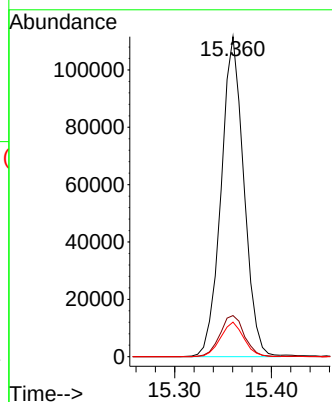
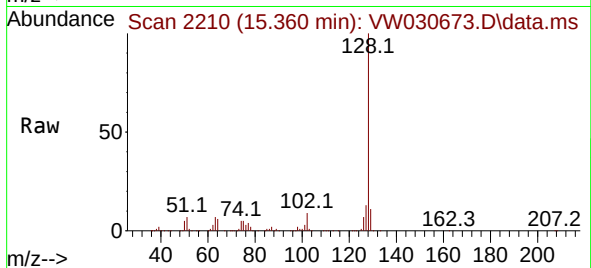
Tgt Ion:128 Resp: 182172

Ion Ratio Lower Upper

128 100

127 13.8 10.9 16.3

129 11.1 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 24.380 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW030673.D

Acq: 18 Oct 2024 18:40

Tgt Ion:180 Resp: 92063

Ion Ratio Lower Upper

180 100

182 97.2 76.2 114.4

145 33.8 27.4 41.2

