

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102124\
 Data File : VW030689.D
 Acq On : 21 Oct 2024 18:49
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 22 03:19:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 22 01:33:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	279632	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	264796	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	129214	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	78062	17.760	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.040%
7) Chloroethane-d5	2.899	69	71559	21.508	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.040%
11) 1,1-Dichloroethene-d2	4.027	65	34253	18.736	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.960%
21) 2-Butanone-d5	7.075	46	51166	64.685	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.360%
24) Chloroform-d	7.648	84	197351	24.678	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.720%
26) 1,2-Dichloroethane-d4	8.307	65	107999	25.971	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.880%
32) Benzene-d6	8.276	84	344391	22.409	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.640%
36) 1,2-Dichloropropane-d6	9.270	67	110555	24.509	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.040%
41) Toluene-d8	10.319	98	316047	22.527	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.120%
43) trans-1,3-Dichloroprop...	10.575	79	44924	23.784	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.120%
47) 2-Hexanone-d5	10.922	63	39685	68.305	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.620%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	100944	30.471	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.880%#
66) 1,2-Dichlorobenzene-d4	13.849	152	107694	24.632	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	68238	19.100	ug/L	93
3) Chloromethane	2.223	50	86372	20.801	ug/L	99
5) Vinyl chloride	2.375	62	112438	22.019	ug/L	99
6) Bromomethane	2.790	94	76426	22.739	ug/L	99
8) Chloroethane	2.942	64	73678	23.603	ug/L	93
9) Trichlorofluoromethane	3.271	101	92606	20.268	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	91250	22.197	ug/L	97
12) 1,1-Dichloroethene	4.045	96	82985	22.119	ug/L	96
13) Acetone	4.119	43	41463	35.804	ug/L	95
14) Carbon disulfide	4.387	76	234705	19.158	ug/L	98
15) Methyl Acetate	4.673	43	40015	27.973	ug/L	99
16) Methylene chloride	4.917	84	95905	22.686	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	93329	23.054	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	156646	27.648	ug/L	99
19) 1,1-Dichloroethane	6.222	63	185212	24.616	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	105574	24.450	ug/L	92
22) 2-Butanone	7.167	43	55494	44.456	ug/L	99
23) Bromochloromethane	7.514	128	45557	24.117	ug/L	89
25) Chloroform	7.679	83	199959	24.869	ug/L	97

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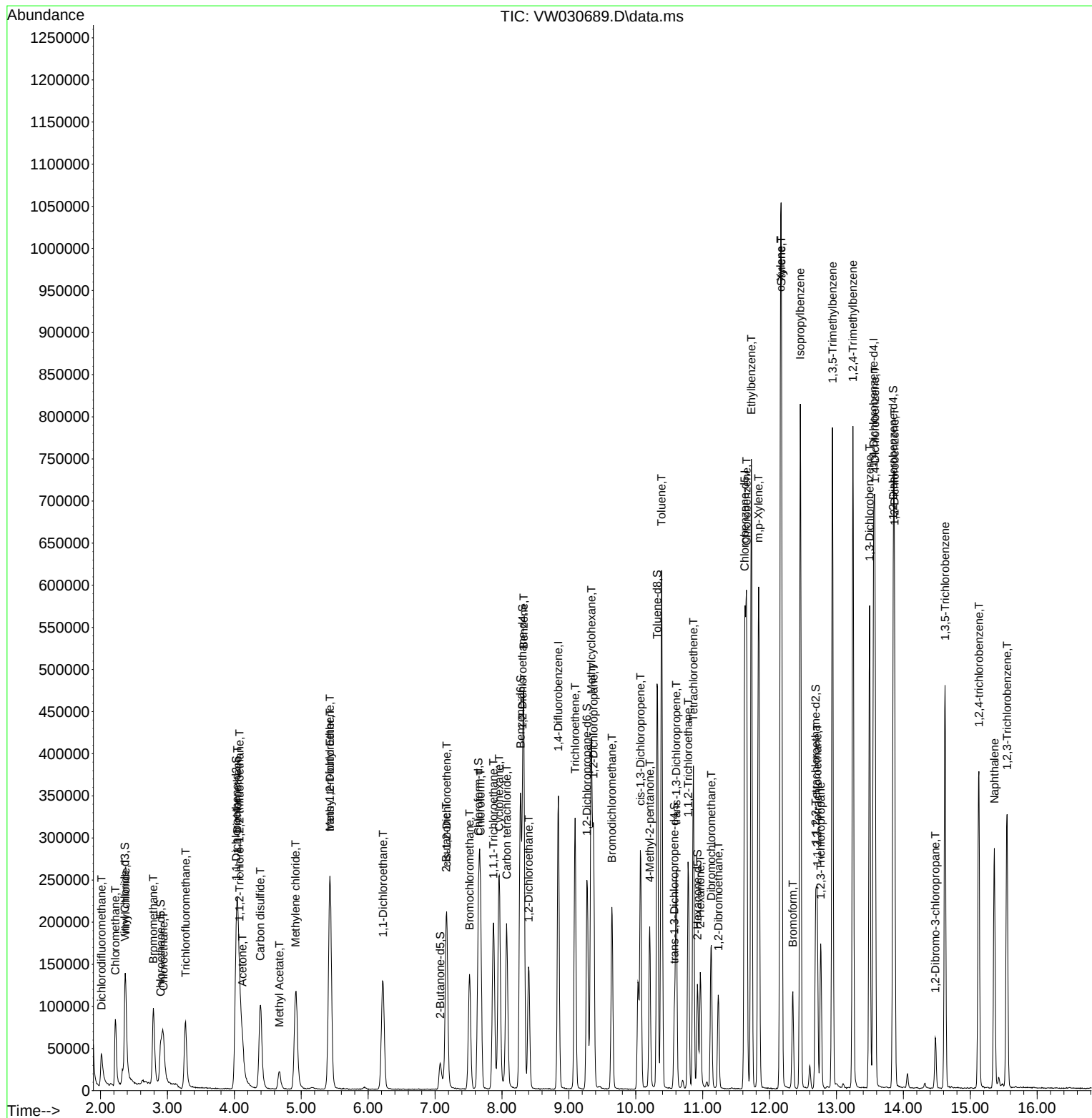
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	132430	24.966	ug/L	99
29) Cyclohexane	7.959	56	137864	21.388	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	155899	22.178	ug/L	99
31) Carbon tetrachloride	8.069	117	137129	21.842	ug/L	98
33) Benzene	8.325	78	403456	23.414	ug/L	100
34) Trichloroethene	9.093	95	105688	22.046	ug/L	99
35) Methylcyclohexane	9.337	83	164276	21.774	ug/L	97
37) 1,2-Dichloropropane	9.368	63	106695	24.791	ug/L	100
38) Bromodichloromethane	9.642	83	140500	24.537	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	157675	24.289	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	122230	59.119	ug/L	99
42) Toluene	10.386	91	439181	23.890	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	133434	24.461	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	80361	25.836	ug/L	98
46) Tetrachloroethene	10.861	164	76404	21.609	ug/L	96
48) 2-Hexanone	10.965	43	85137	50.353	ug/L	99
49) Dibromochloromethane	11.130	129	86472	24.916	ug/L	93
50) 1,2-Dibromoethane	11.233	107	74020	25.504	ug/L	100
51) Chlorobenzene	11.654	112	277459	23.446	ug/L	99
52) Ethylbenzene	11.727	91	497541	23.718	ug/L	99
53) m,p-Xylene	11.837	106	183389	23.335	ug/L	96
54) o-Xylene	12.166	106	180522	24.846	ug/L	100
55) Styrene	12.178	104	312997	25.200	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.715	83	96572	27.532	ug/L	97
59) Bromoform	12.349	173	47932	26.403	ug/L	99
60) Isopropylbenzene	12.459	105	490728	24.524	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	68805	27.365	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	397074	25.152	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	400888	25.936	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	216299	24.833	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	214498	23.850	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	191805	25.025	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	14809	26.415	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	141848	24.696	ug/L	92
70) 1,2,4-trichlorobenzene	15.129	180	110089	23.809	ug/L	97
71) Naphthalene	15.360	128	227945	28.534	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	99820	24.902	ug/L	100

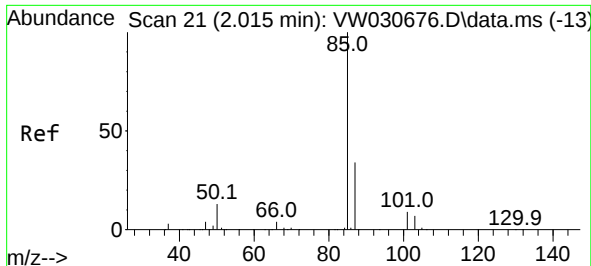
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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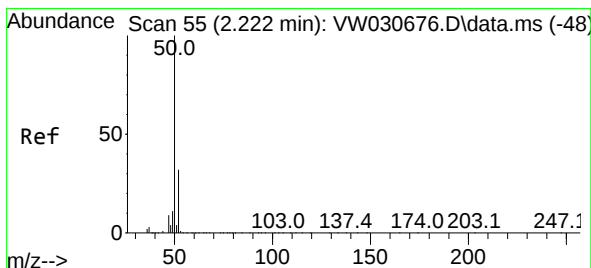
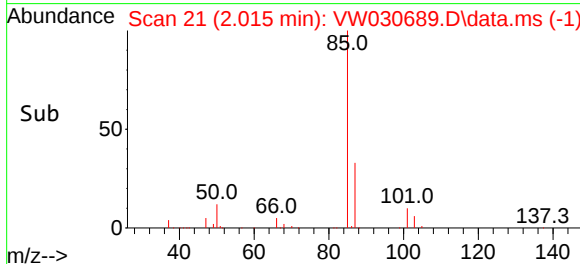
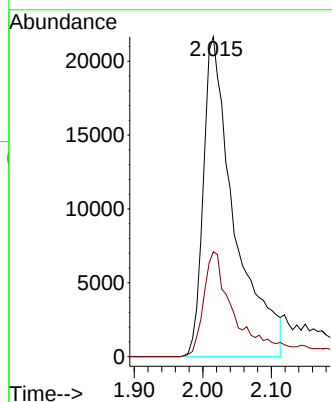
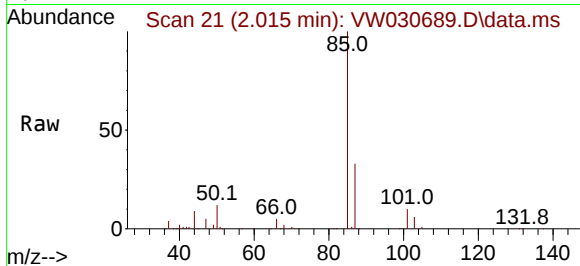




#2
Dichlorodifluoromethane
Concen: 19.100 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49

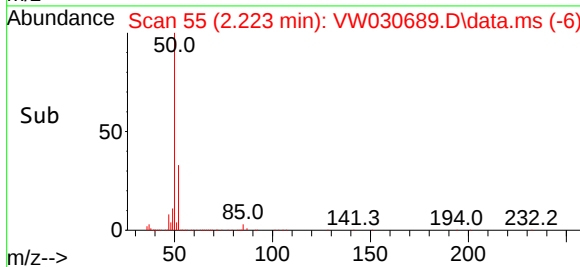
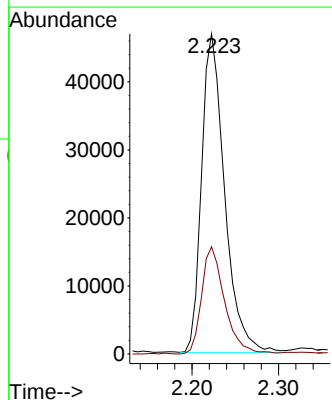
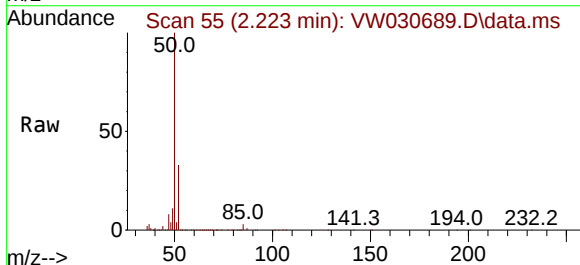
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MSVOA_W
ClientSampleId :

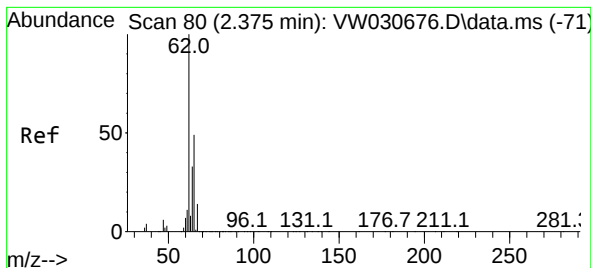
Tgt Ion: 85 Resp: 68238
Ion Ratio Lower Upper
85 100
87 26.0 23.8 35.6



#3
Chloromethane
Concen: 20.801 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49

Tgt Ion: 50 Resp: 86372
Ion Ratio Lower Upper
50 100
52 33.5 23.7 43.9





#5

Vinyl chloride

Concen: 22.019 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW030689.D

Acq: 21 Oct 2024 18:49

Instrument :

MSVOA_W

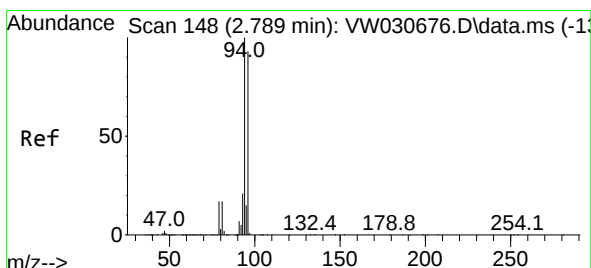
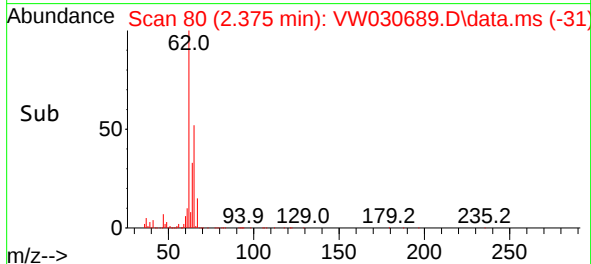
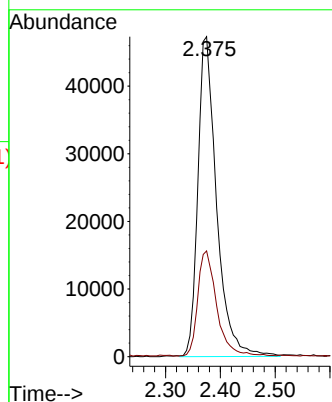
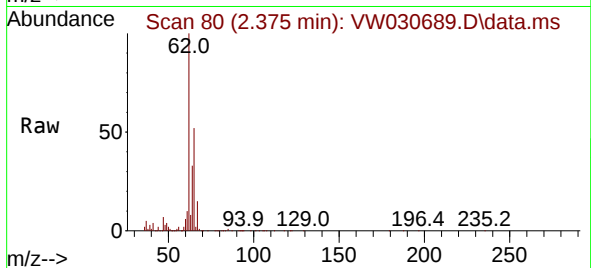
ClientSampleId :

Tgt Ion: 62 Resp: 112438

Ion Ratio Lower Upper

62 100

64 33.0 22.6 42.0



#6

Bromomethane

Concen: 22.739 ug/L

RT: 2.790 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW030689.D

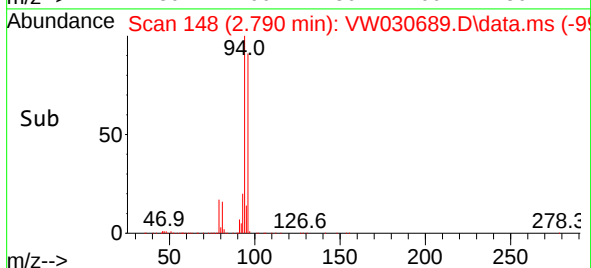
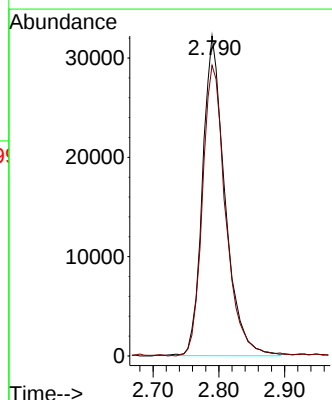
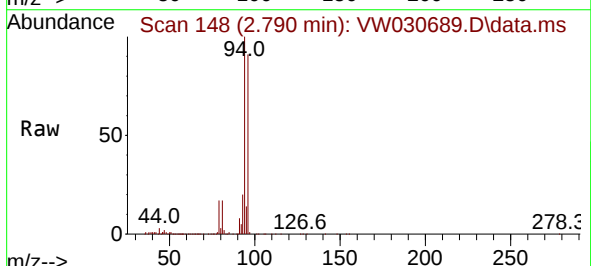
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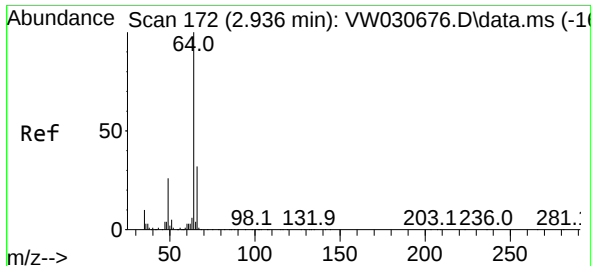
Tgt Ion: 94 Resp: 76426

Ion Ratio Lower Upper

94 100

96 90.8 62.6 116.2

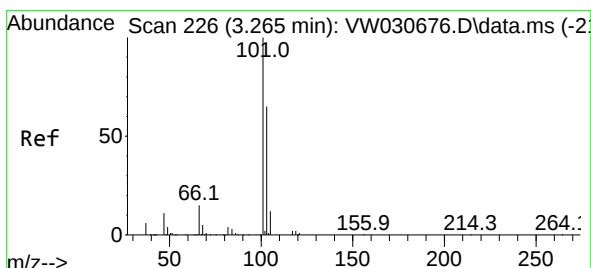
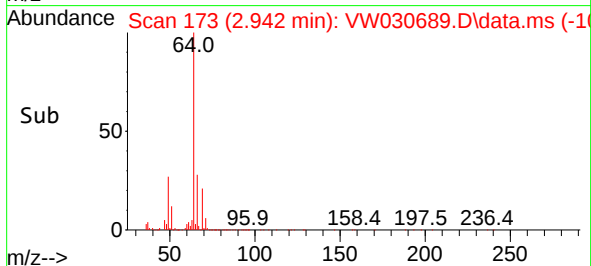
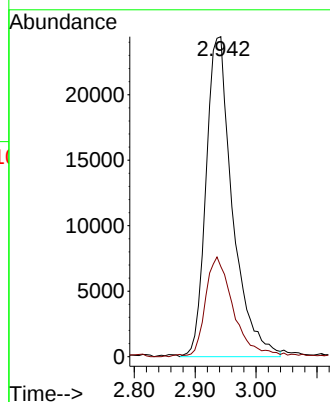
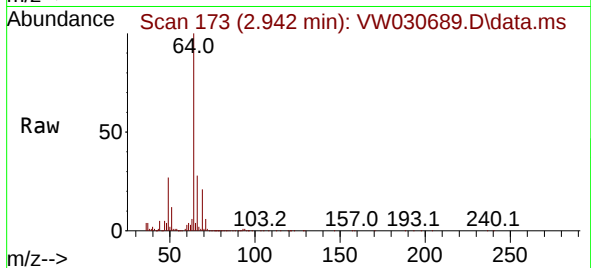




#8
Chloroethane
Concen: 23.603 ug/L
RT: 2.942 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49

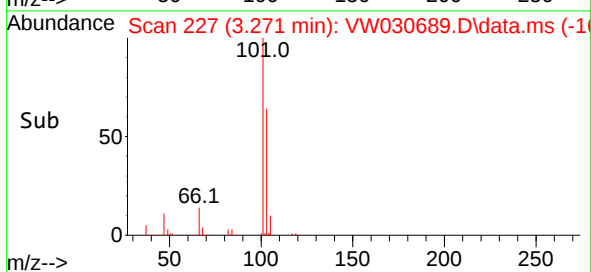
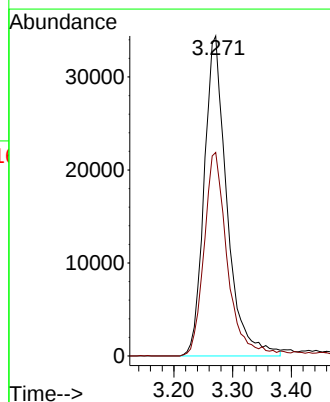
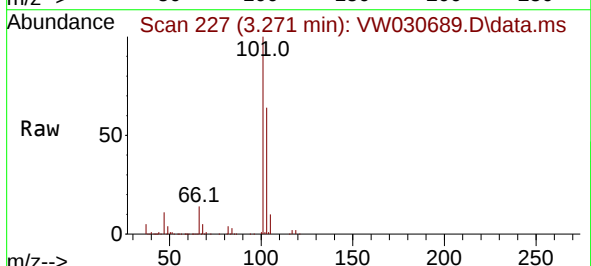
Instrument :
MSVOA_W
ClientSampleId :

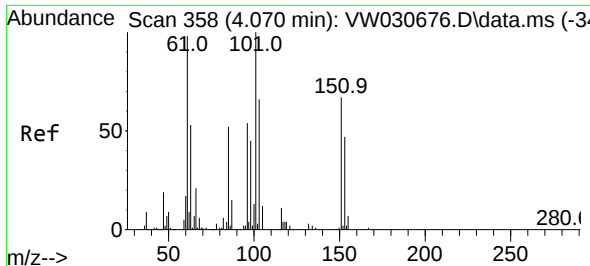
Tgt Ion: 64 Resp: 73678
Ion Ratio Lower Upper
64 100
66 28.2 22.3 41.5



#9
Trichlorofluoromethane
Concen: 20.268 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49

Tgt Ion: 101 Resp: 92606
Ion Ratio Lower Upper
101 100
103 63.5 51.1 76.7

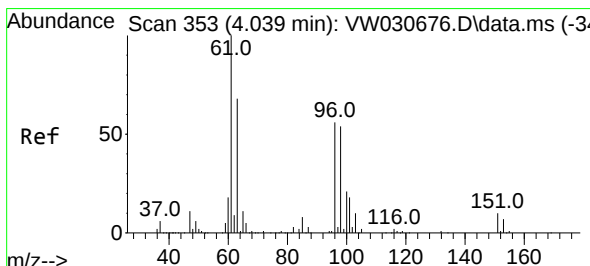
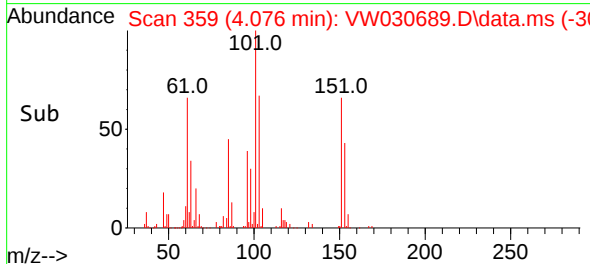
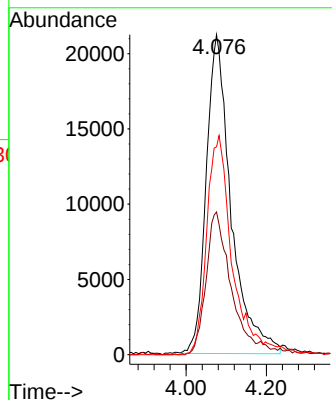
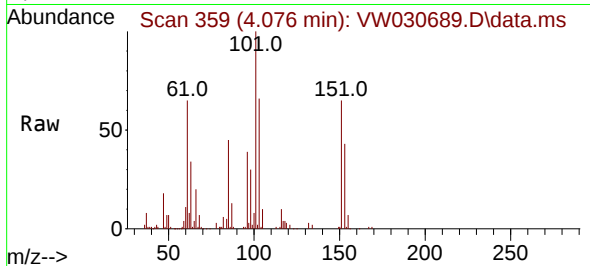




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.197 ug/L
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW030689.D
 Acq: 21 Oct 2024 18:49

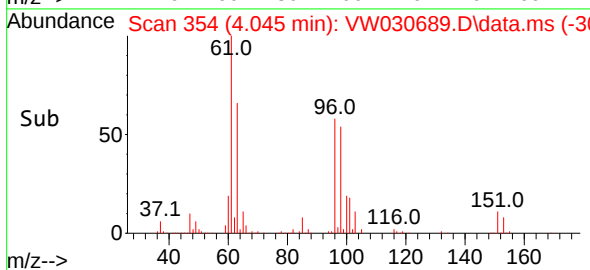
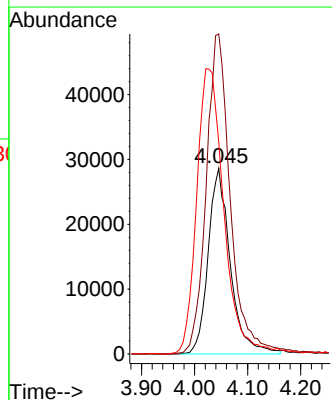
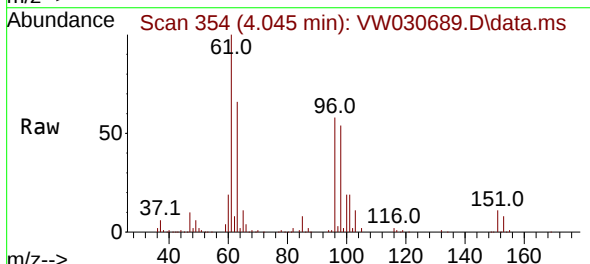
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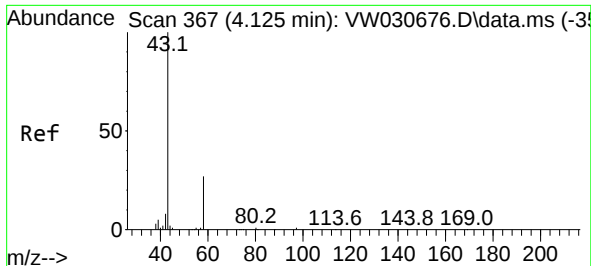
Tgt Ion:101 Resp: 91250
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.7 53.5
 151 66.2 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 22.119 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW030689.D
 Acq: 21 Oct 2024 18:49

Tgt Ion: 96 Resp: 82985
 Ion Ratio Lower Upper
 96 100
 61 172.4 121.3 225.3
 63 114.2 87.6 162.8

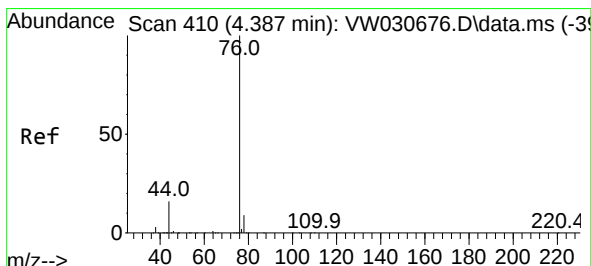
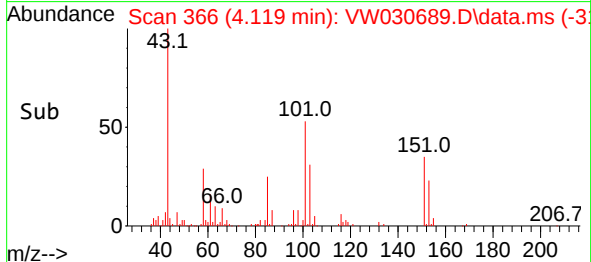
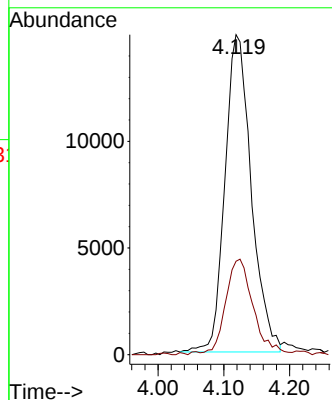
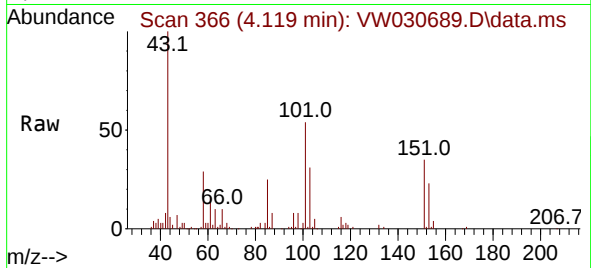




#13
Acetone
Concen: 35.804 ug/L
RT: 4.119 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49

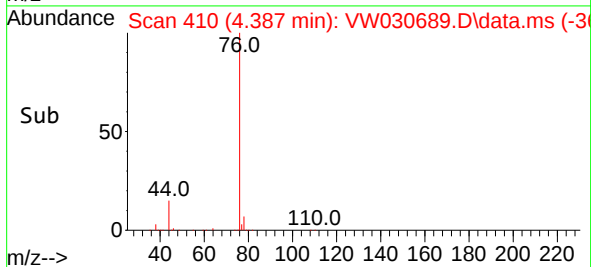
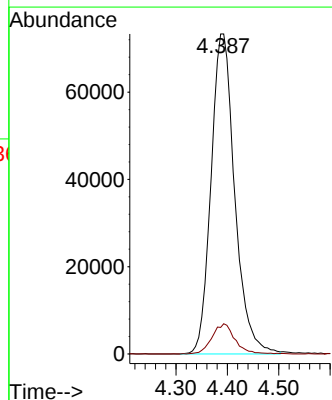
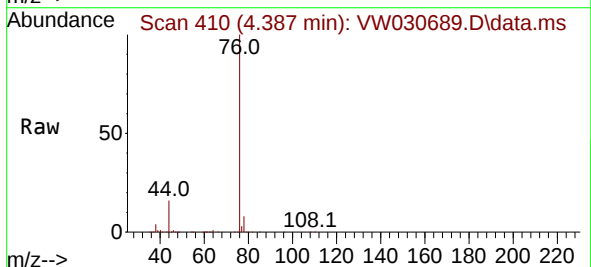
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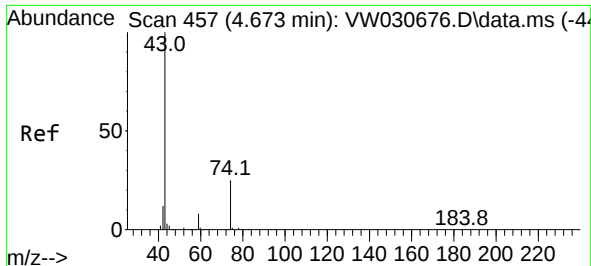
Tgt Ion: 43 Resp: 41463
Ion Ratio Lower Upper
43 100
58 31.4 0.0 57.6



#14
Carbon disulfide
Concen: 19.158 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
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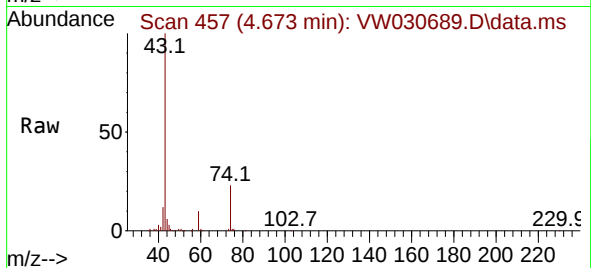
Tgt Ion: 76 Resp: 234705
Ion Ratio Lower Upper
76 100
78 8.3 7.1 10.7



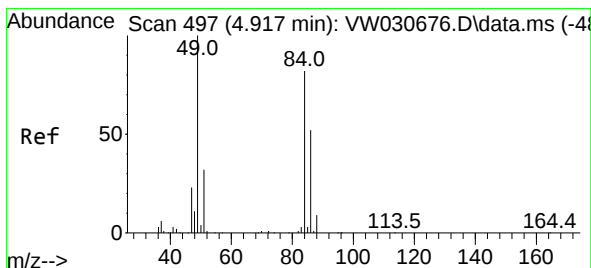
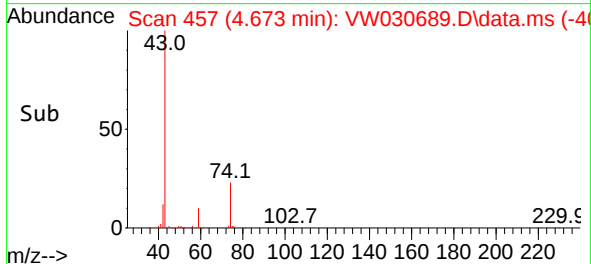
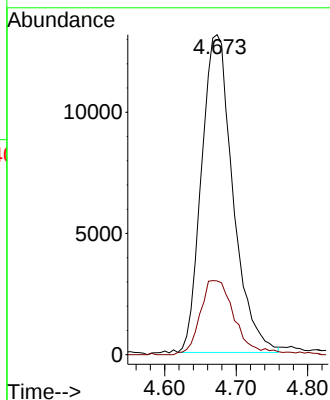


#15
Methyl Acetate
Concen: 27.973 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49

Instrument :
MSVOA_W
ClientSampleId :

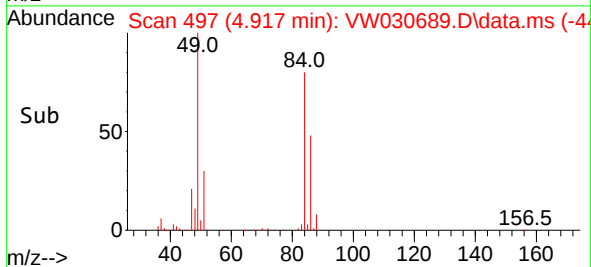
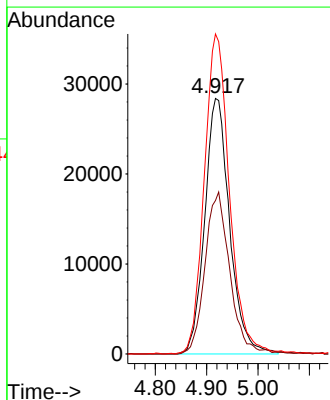
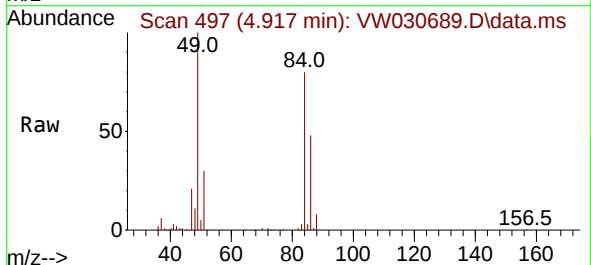


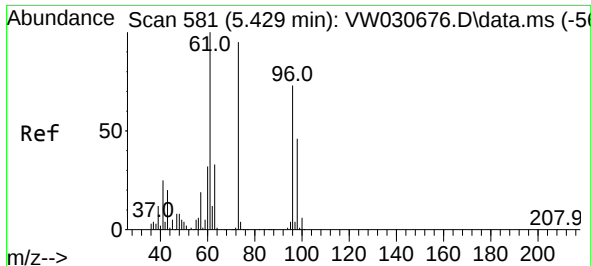
Tgt Ion: 43 Resp: 40015
Ion Ratio Lower Upper
43 100
74 24.7 19.3 28.9



#16
Methylene chloride
Concen: 22.686 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49

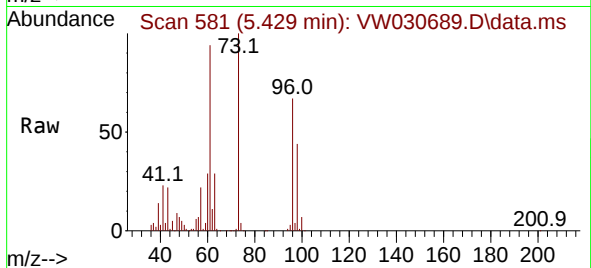
Tgt Ion: 84 Resp: 95905
Ion Ratio Lower Upper
84 100
86 60.0 43.8 81.3
49 125.2 88.3 164.1



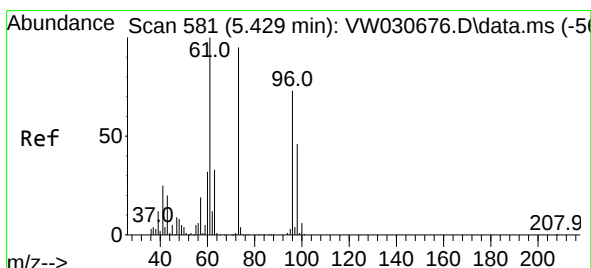
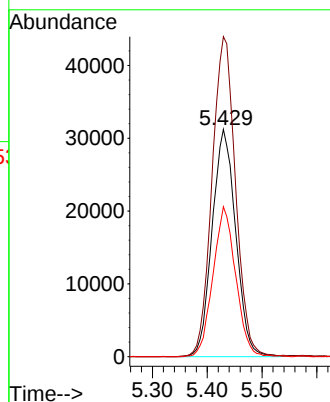
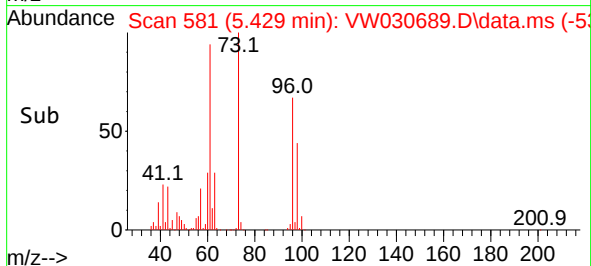


#17
trans-1,2-Dichloroethene
Concen: 23.054 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49

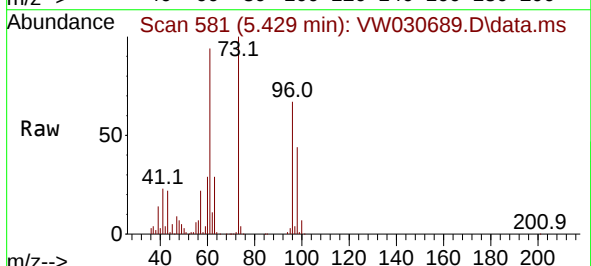
Instrument :
MSVOA_W
ClientSampleId :



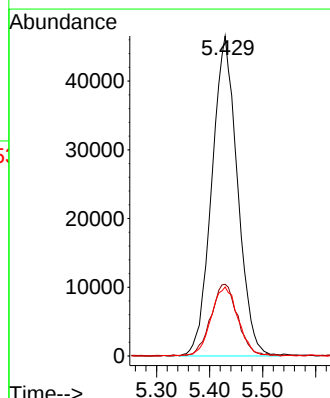
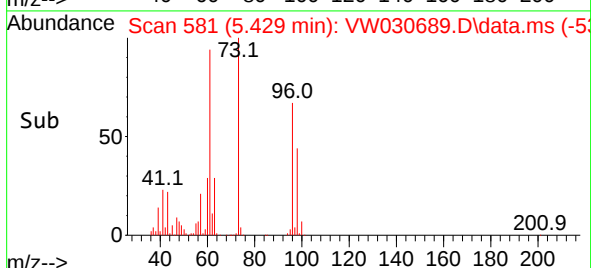
Tgt Ion: 96 Resp: 93329
Ion Ratio Lower Upper
96 100
61 140.8 96.9 179.9
98 65.9 42.2 78.4

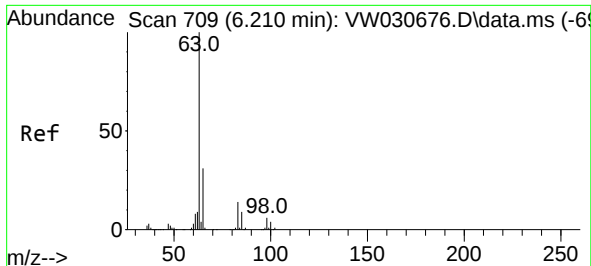


#18
Methyl tert-butyl Ether
Concen: 27.648 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49



Tgt Ion: 73 Resp: 156646
Ion Ratio Lower Upper
73 100
43 23.1 18.1 27.1
57 22.6 17.7 26.5

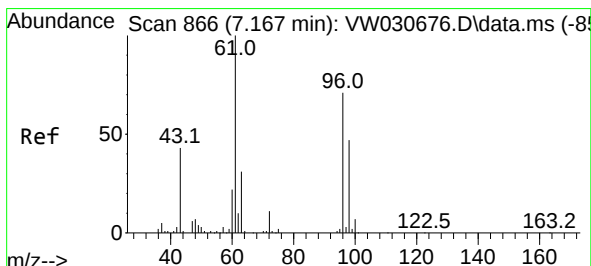
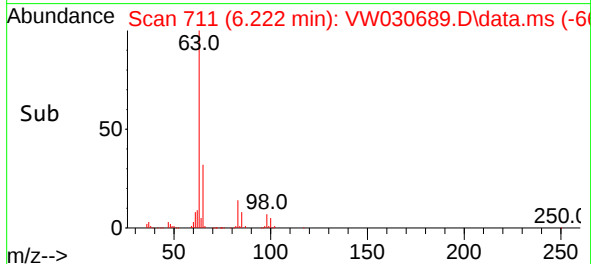
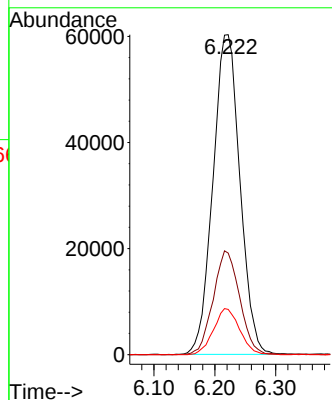
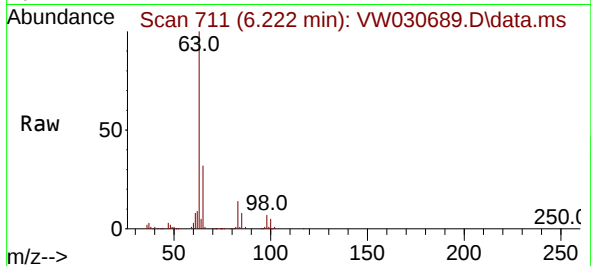




#19
1,1-Dichloroethane
Concen: 24.616 ug/L
RT: 6.222 min Scan# 710
Delta R.T. 0.012 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49

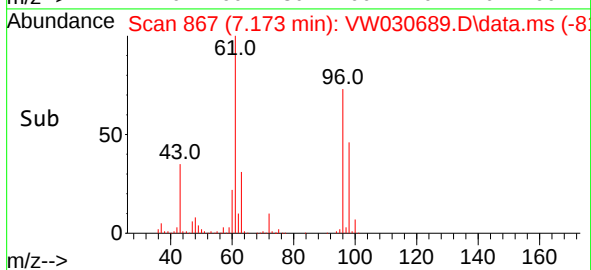
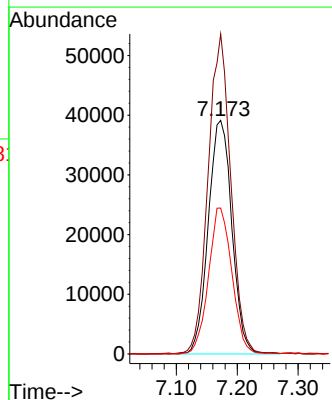
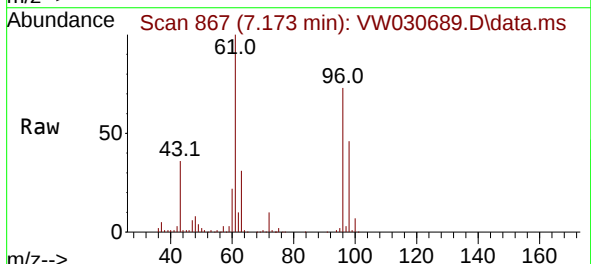
Instrument :
MSVOA_W
ClientSampleId :

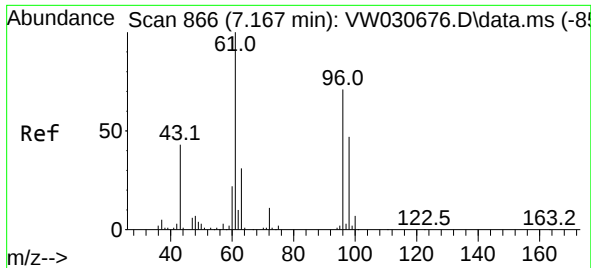
Tgt Ion: 63 Resp: 185212
Ion Ratio Lower Upper
63 100
65 31.7 22.5 41.9
83 14.2 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 24.450 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49

Tgt Ion: 96 Resp: 105574
Ion Ratio Lower Upper
96 100
61 137.0 88.3 163.9
98 62.5 41.3 76.7

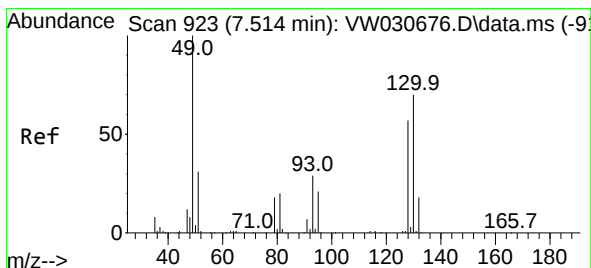
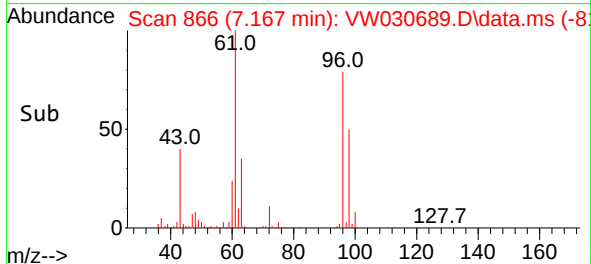
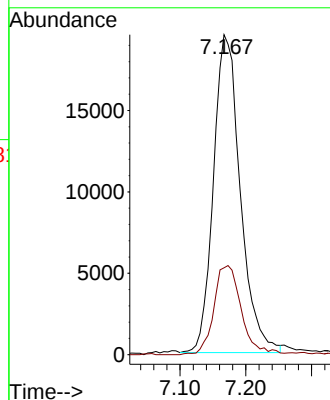
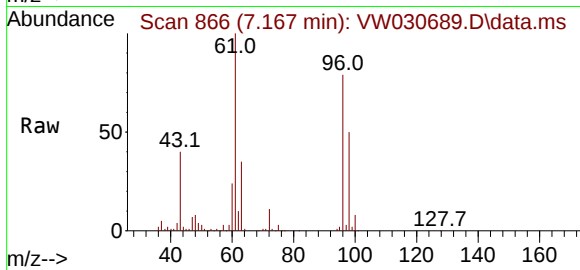




#22
2-Butanone
Concen: 44.456 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49

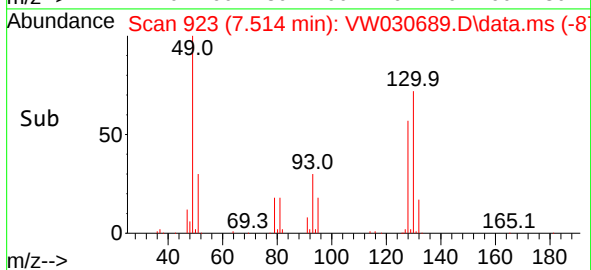
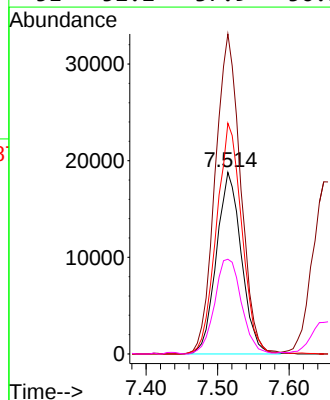
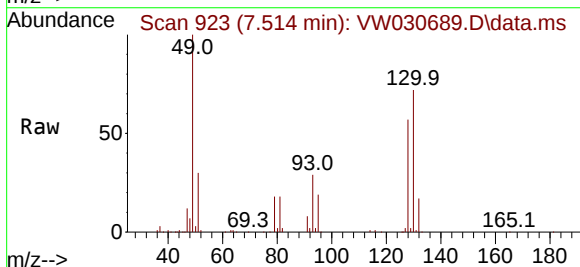
Instrument :
MSVOA_W
ClientSampleId :

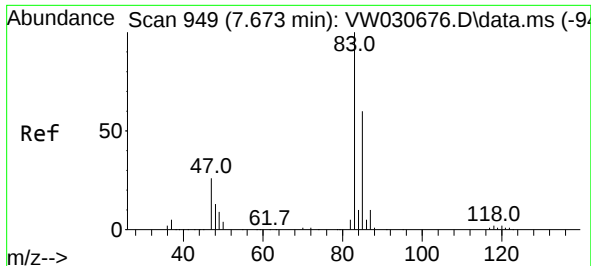
Tgt Ion: 43 Resp: 55494
Ion Ratio Lower Upper
43 100
72 27.9 14.4 43.0



#23
Bromochloromethane
Concen: 24.117 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49

Tgt Ion: 128 Resp: 45557
Ion Ratio Lower Upper
128 100
49 176.2 110.1 204.5
130 127.0 82.9 153.9
51 52.2 37.9 56.9

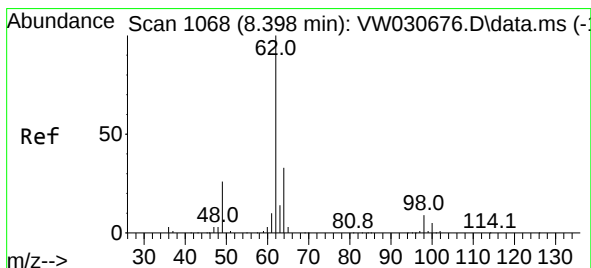
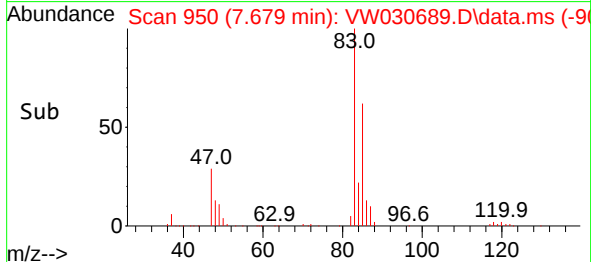
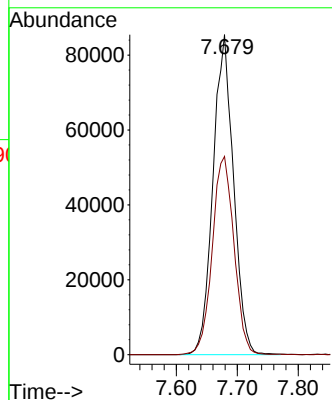
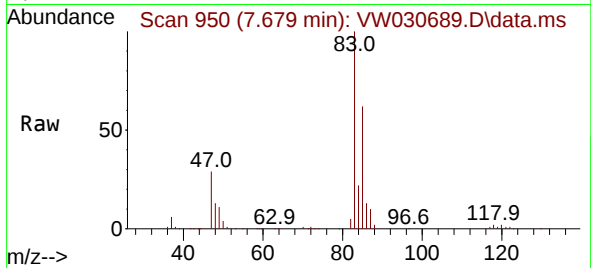




#25
Chloroform
Concen: 24.869 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49

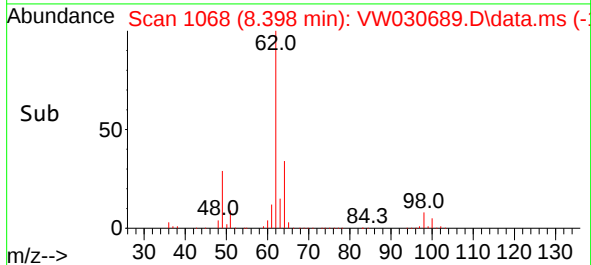
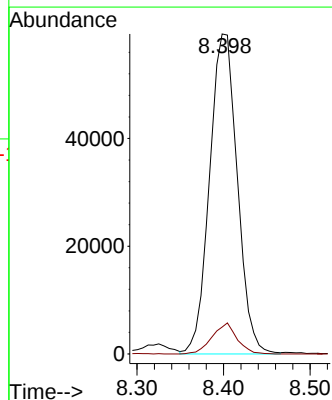
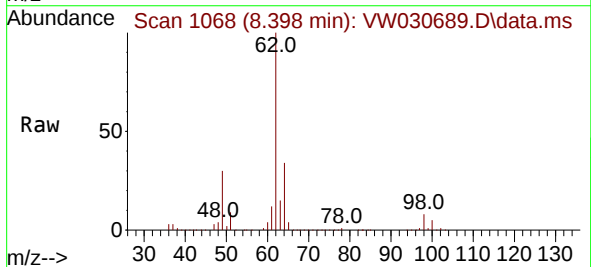
Instrument :
MSVOA_W
ClientSampleId :

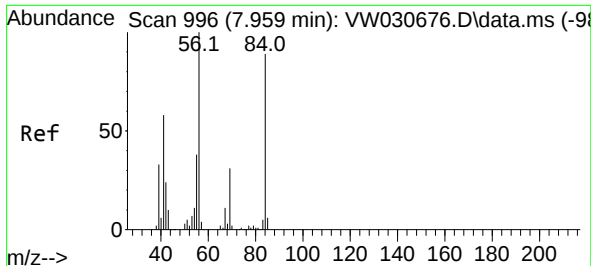
Tgt Ion: 83 Resp: 199959
Ion Ratio Lower Upper
83 100
85 62.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.966 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49

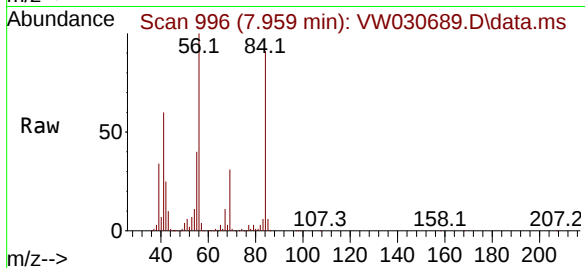
Tgt Ion: 62 Resp: 132430
Ion Ratio Lower Upper
62 100
98 8.4 7.0 10.6



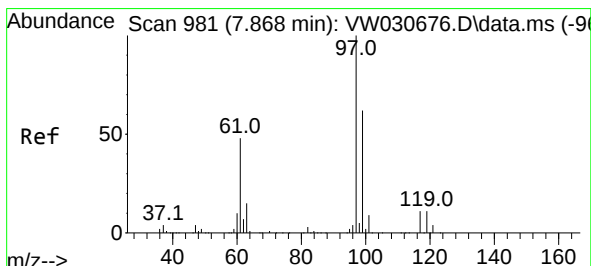
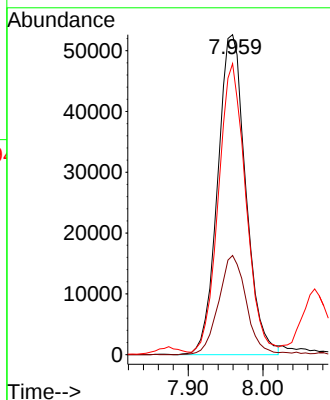
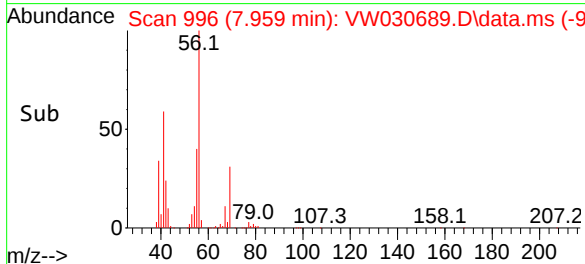


#29
Cyclohexane
Concen: 21.388 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49

Instrument :
MSVOA_W
ClientSampleId :

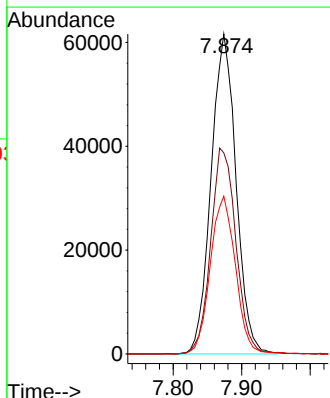
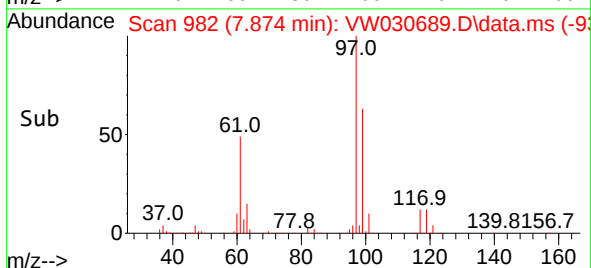
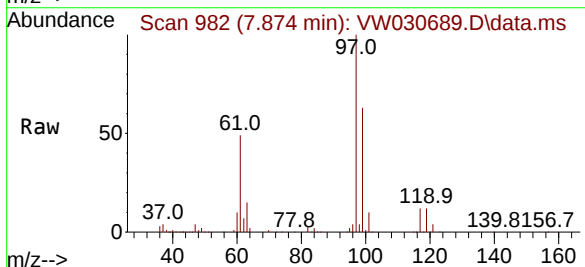


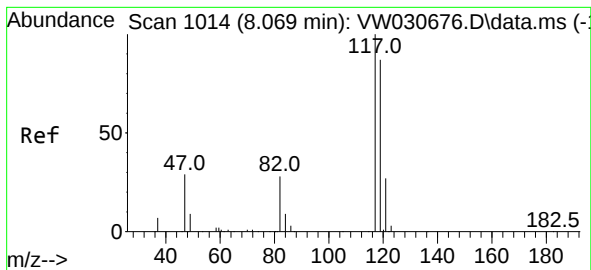
Tgt Ion: 56 Resp: 137864
Ion Ratio Lower Upper
56 100
69 30.3 25.4 38.0
84 87.8 72.3 108.5



#30
1,1,1-Trichloroethane
Concen: 22.178 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49

Tgt Ion: 97 Resp: 155899
Ion Ratio Lower Upper
97 100
99 64.6 52.3 78.5
61 49.6 38.5 57.7





#31

Carbon tetrachloride

Concen: 21.842 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW030689.D

Acq: 21 Oct 2024 18:49

Instrument :

MSVOA_W

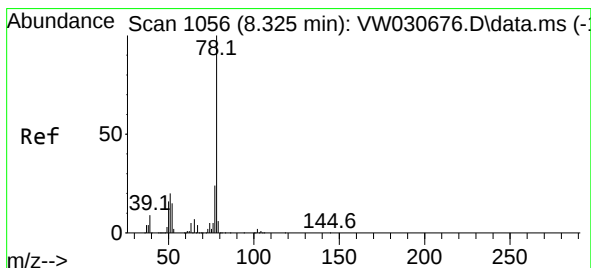
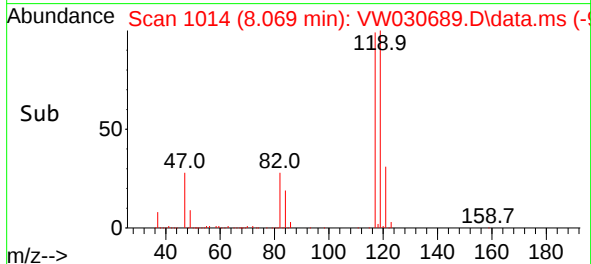
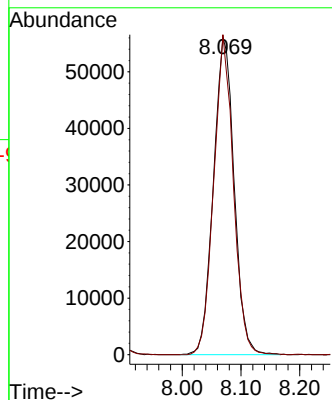
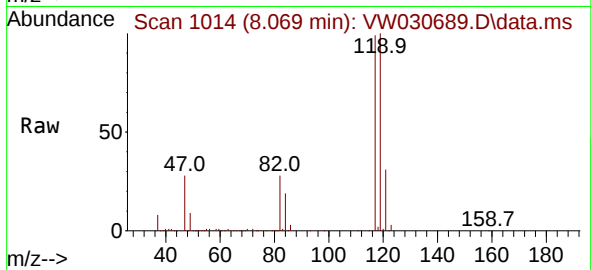
ClientSampleId :

Tgt Ion:117 Resp: 137129

Ion Ratio Lower Upper

117 100

119 95.5 77.8 116.8



#33

Benzene

Concen: 23.414 ug/L

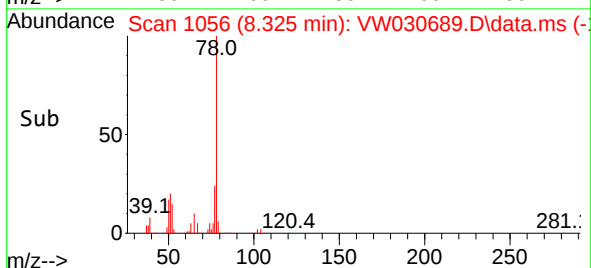
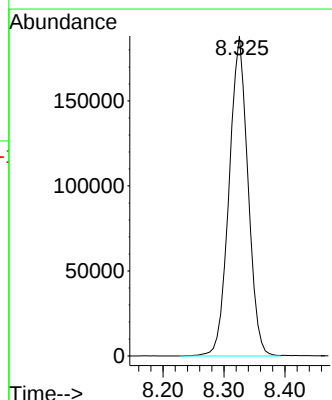
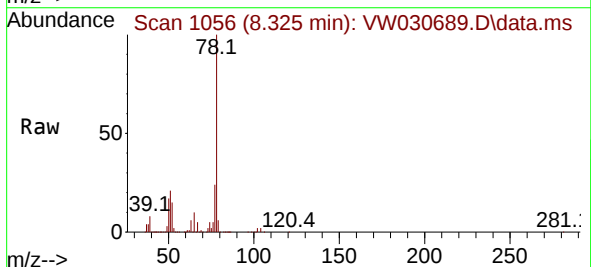
RT: 8.325 min Scan# 1056

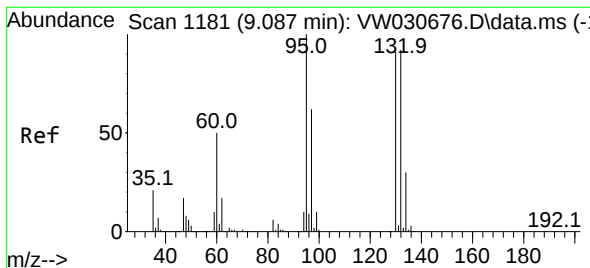
Delta R.T. 0.000 min

Lab File: VW030689.D

Acq: 21 Oct 2024 18:49

Tgt Ion: 78 Resp: 403456





#34

Trichloroethene

Concen: 22.046 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW030689.D

Acq: 21 Oct 2024 18:49

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 105688

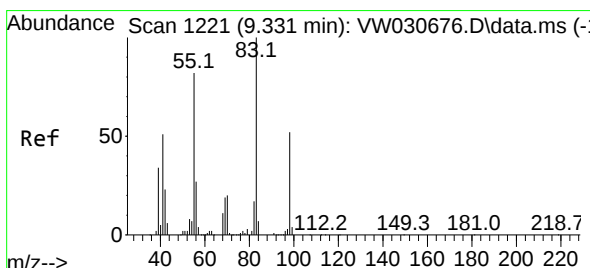
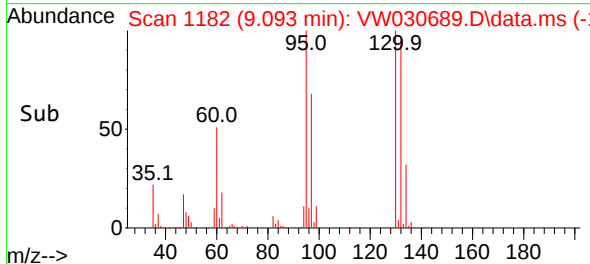
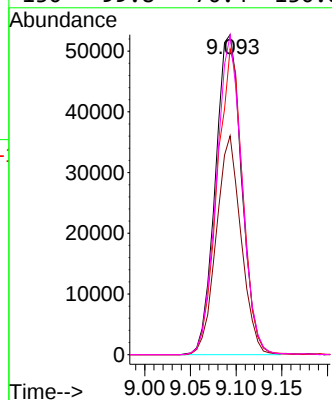
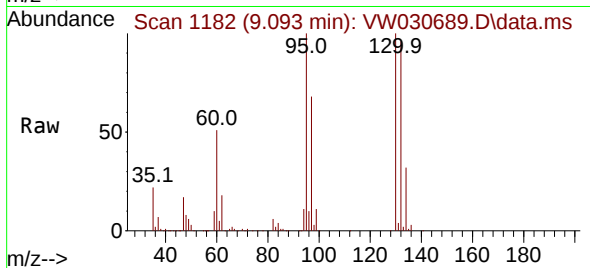
Ion Ratio Lower Upper

95 100

97 68.4 45.9 85.3

132 95.6 66.4 123.2

130 99.8 70.4 130.8



#35

Methylcyclohexane

Concen: 21.774 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030689.D

Acq: 21 Oct 2024 18:49

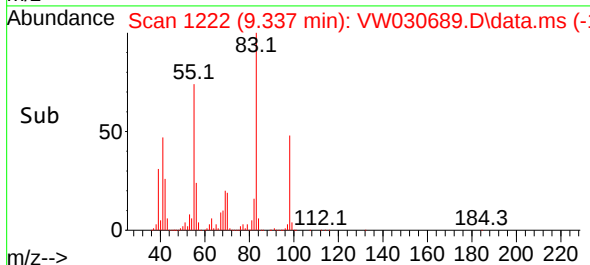
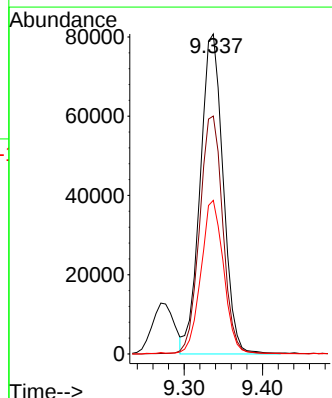
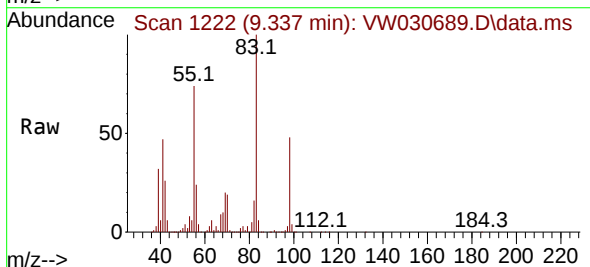
Tgt Ion: 83 Resp: 164276

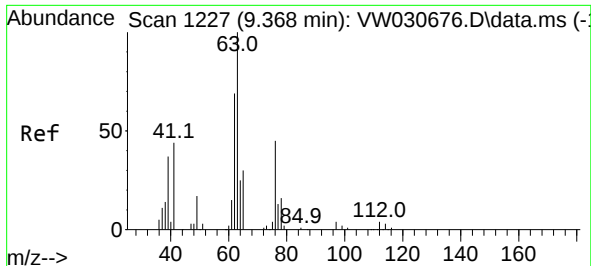
Ion Ratio Lower Upper

83 100

55 75.1 61.8 92.8

98 47.2 39.3 58.9





#37

1,2-Dichloropropane

Concen: 24.791 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030689.D

Acq: 21 Oct 2024 18:49

Instrument :

MSVOA_W

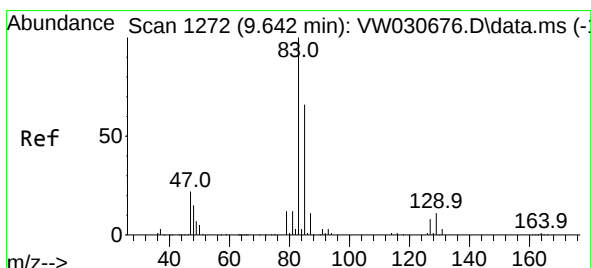
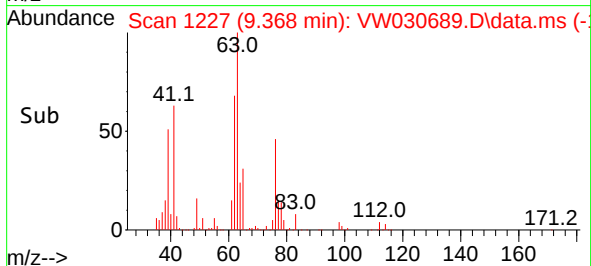
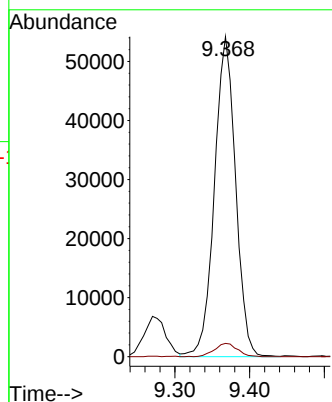
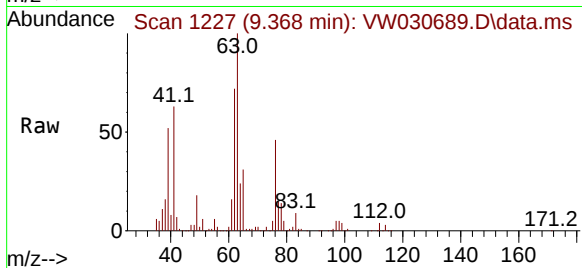
ClientSampleId :

Tgt Ion: 63 Resp: 106695

Ion Ratio Lower Upper

63 100

112 4.5 3.7 5.5



#38

Bromodichloromethane

Concen: 24.537 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030689.D

Acq: 21 Oct 2024 18:49

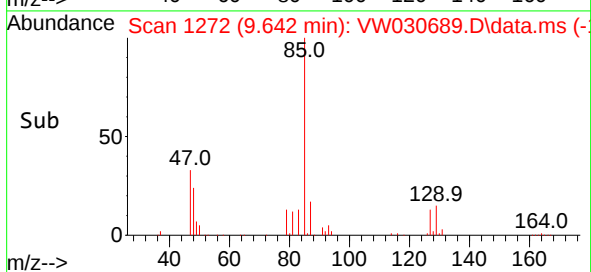
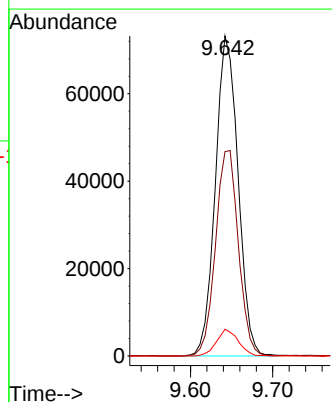
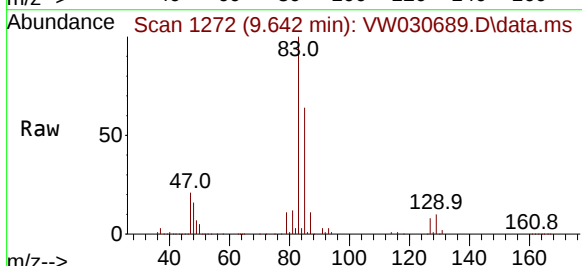
Tgt Ion: 83 Resp: 140500

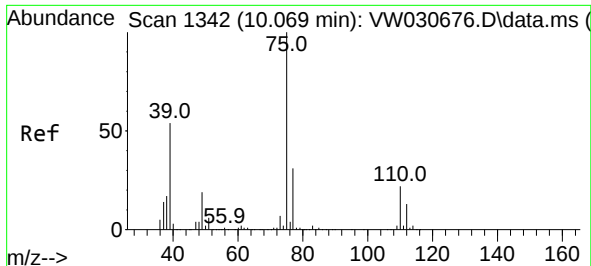
Ion Ratio Lower Upper

83 100

85 63.8 44.2 82.0

127 8.3 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 24.289 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030689.D

Acq: 21 Oct 2024 18:49

Instrument :

MSVOA_W

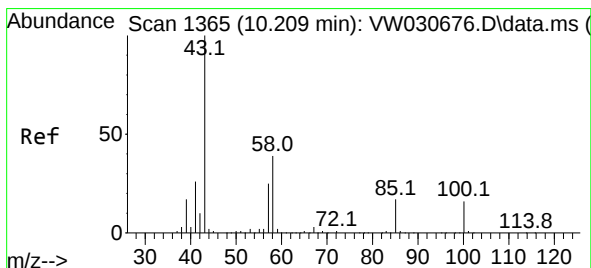
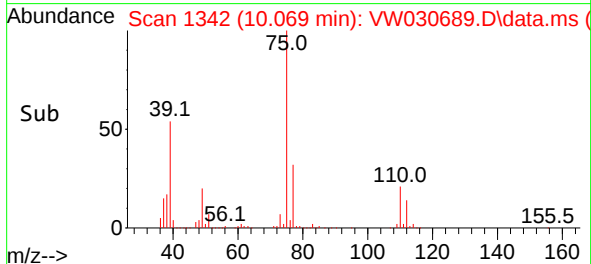
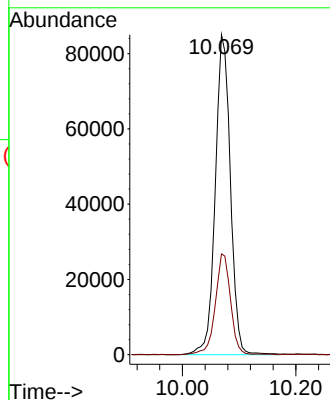
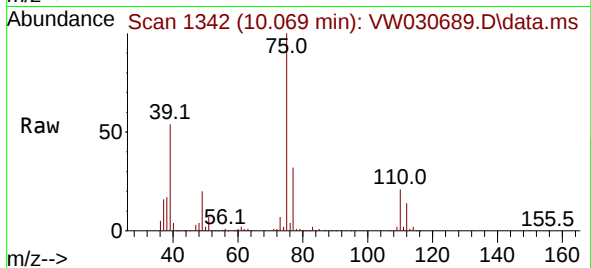
ClientSampleId :

Tgt Ion: 75 Resp: 157675

Ion Ratio Lower Upper

75 100

77 31.5 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 59.119 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030689.D

Acq: 21 Oct 2024 18:49

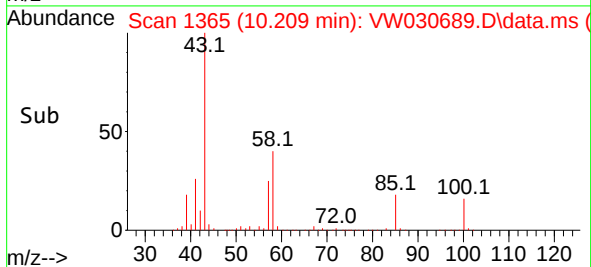
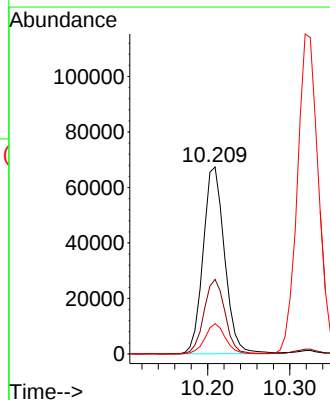
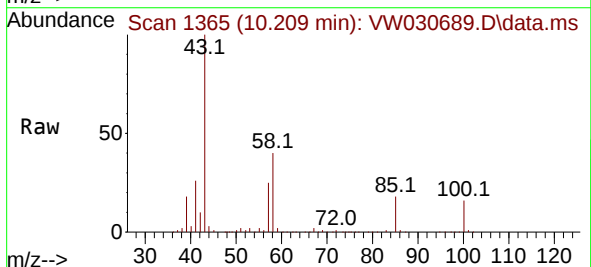
Tgt Ion: 43 Resp: 122230

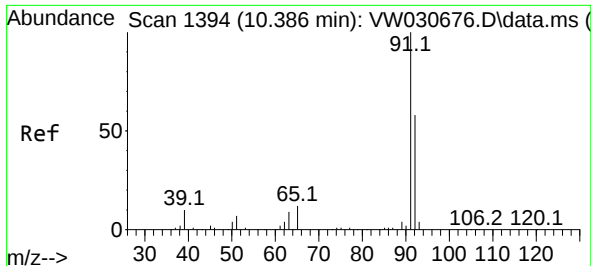
Ion Ratio Lower Upper

43 100

58 39.2 31.4 47.2

100 15.5 13.1 19.7

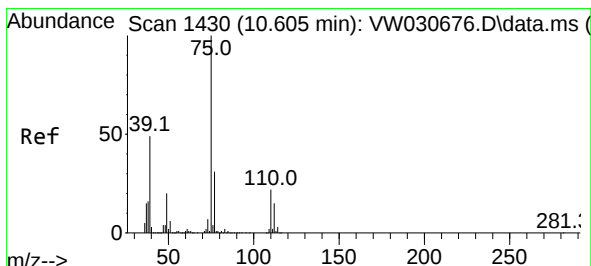
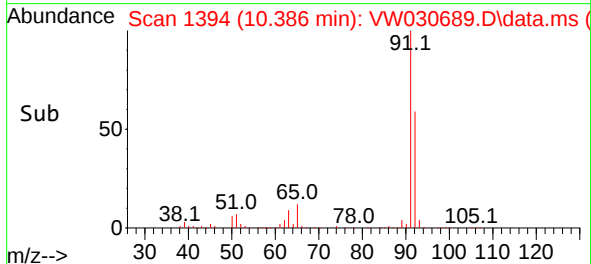
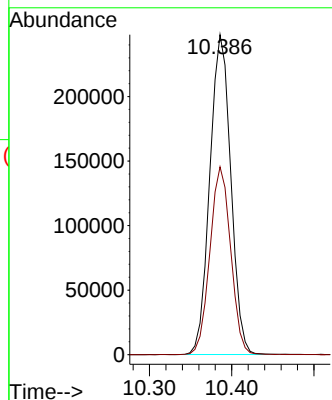
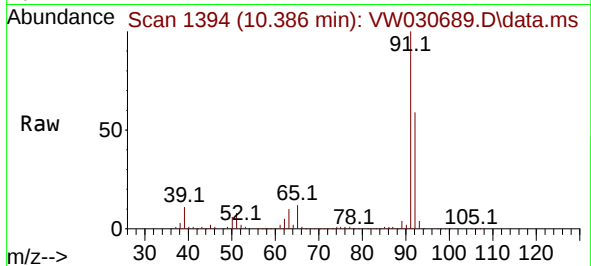




#42
Toluene
Concen: 23.890 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49

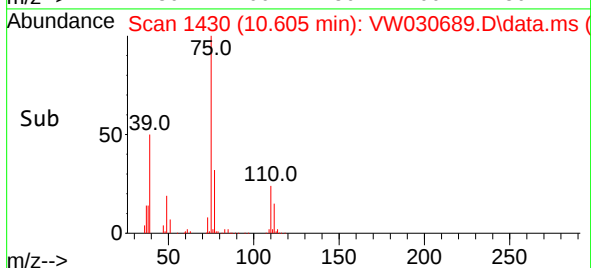
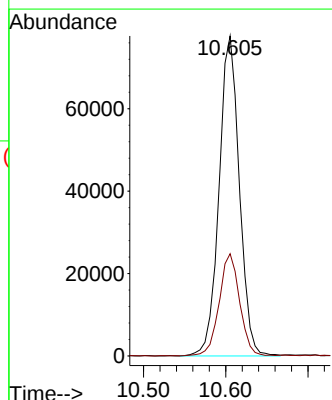
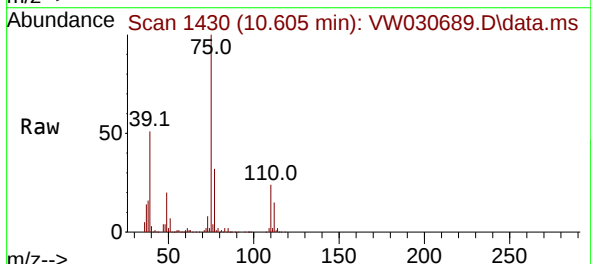
Instrument :
MSVOA_W
ClientSampleId :

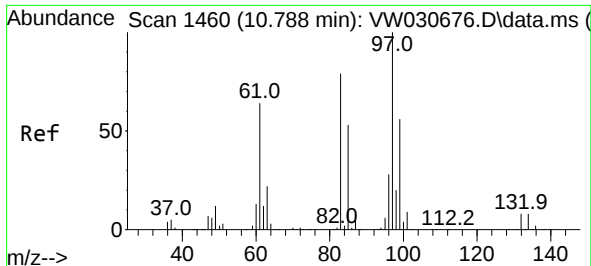
Tgt Ion: 91 Resp: 439181
Ion Ratio Lower Upper
91 100
92 58.7 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 24.461 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49

Tgt Ion: 75 Resp: 133434
Ion Ratio Lower Upper
75 100
77 31.9 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 25.836 ug/L

RT: 10.782 min Scan# 14

Delta R.T. -0.006 min

Lab File: VW030689.D

Acq: 21 Oct 2024 18:49

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 80361

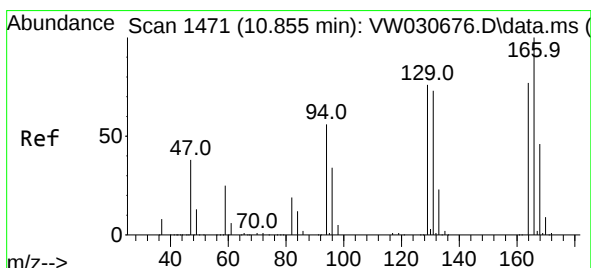
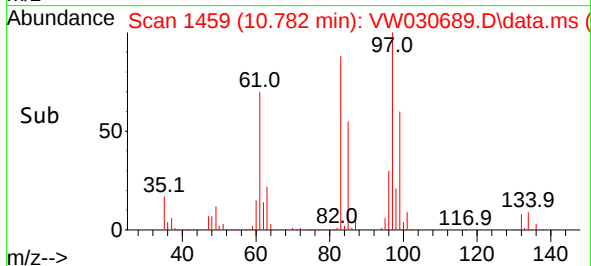
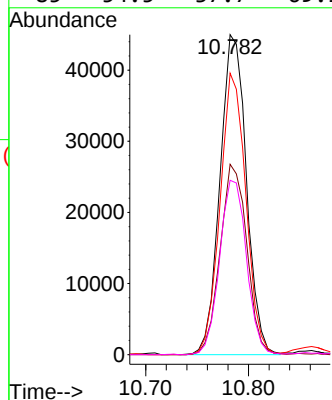
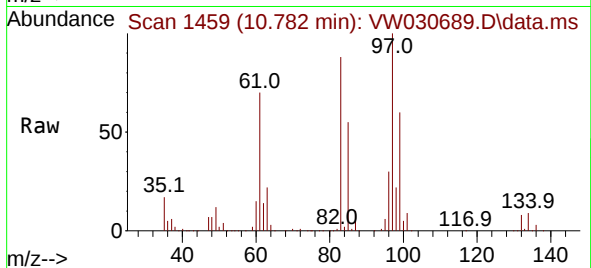
Ion Ratio Lower Upper

97 100

99 59.5 41.2 76.6

83 87.9 59.6 110.6

85 54.5 37.7 69.9



#46

Tetrachloroethene

Concen: 21.609 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW030689.D

Acq: 21 Oct 2024 18:49

Tgt Ion:164 Resp: 76404

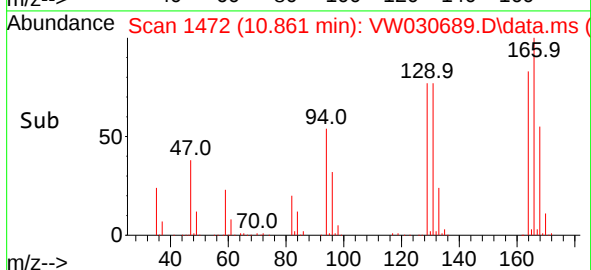
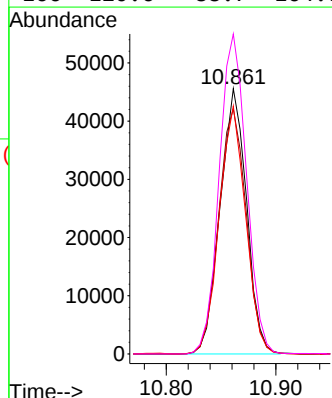
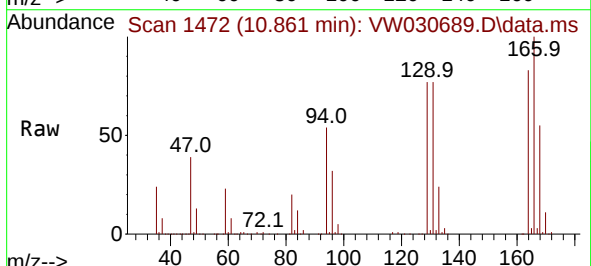
Ion Ratio Lower Upper

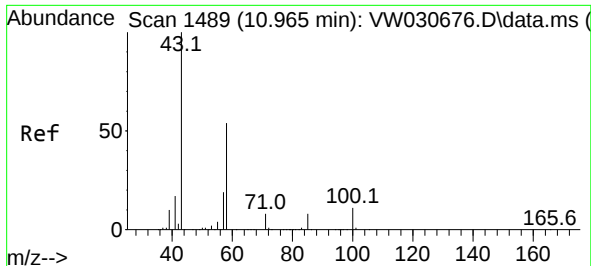
164 100

129 92.4 66.6 123.6

131 93.4 63.7 118.3

166 120.6 88.7 164.7

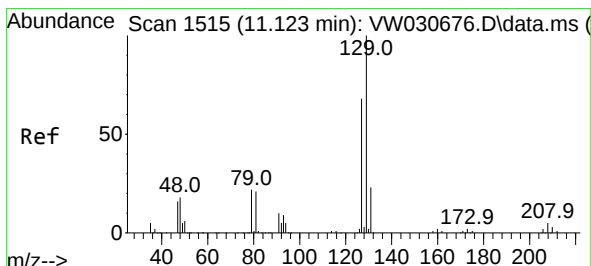
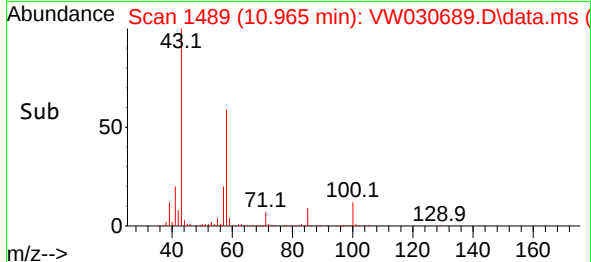
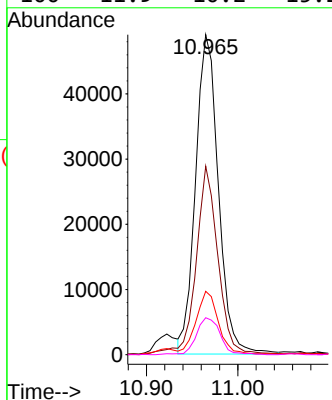
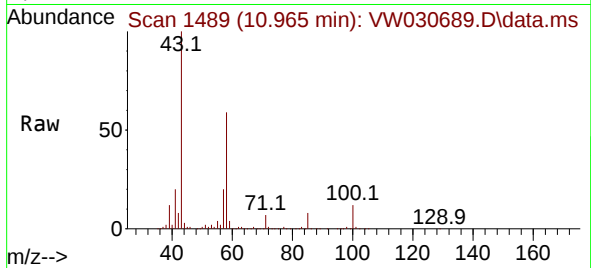




#48
2-Hexanone
Concen: 50.353 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49

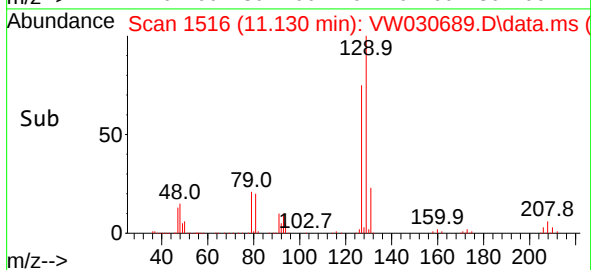
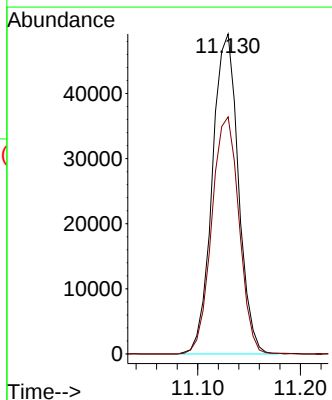
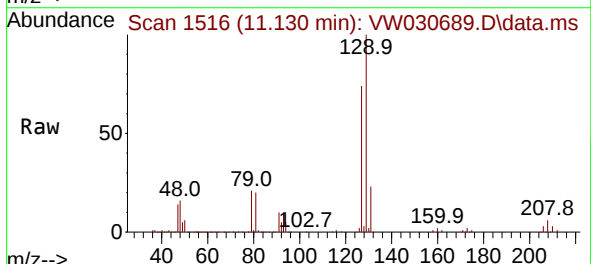
Instrument :
MSVOA_W
ClientSampleId :

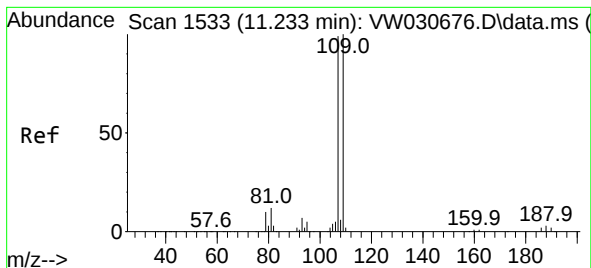
Tgt Ion:	43	Resp:	85137
Ion	Ratio	Lower	Upper
43	100		
58	56.7	44.6	67.0
57	19.2	15.8	23.8
100	11.9	10.2	15.2



#49
Dibromochloromethane
Concen: 24.916 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49

Tgt Ion:	129	Resp:	86472
Ion	Ratio	Lower	Upper
129	100		
127	74.1	56.5	104.9

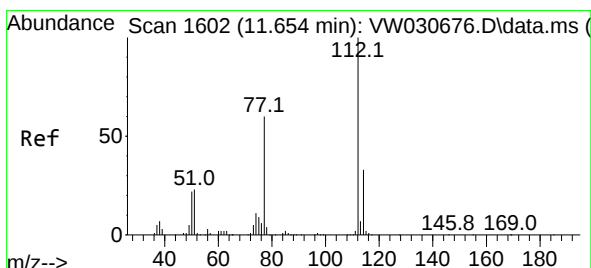
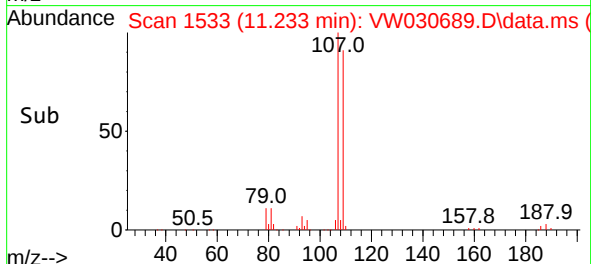
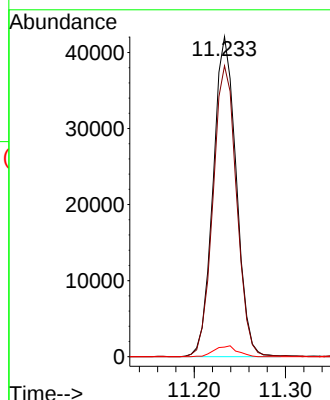
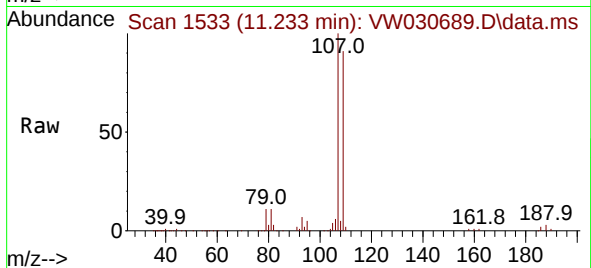




#50
1,2-Dibromoethane
Concen: 25.504 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49

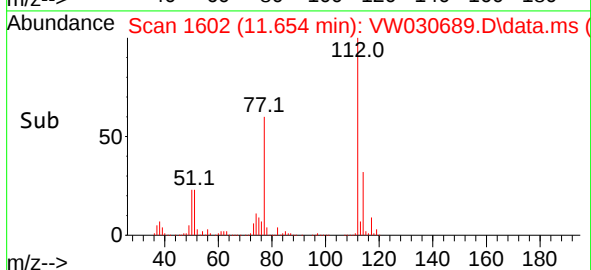
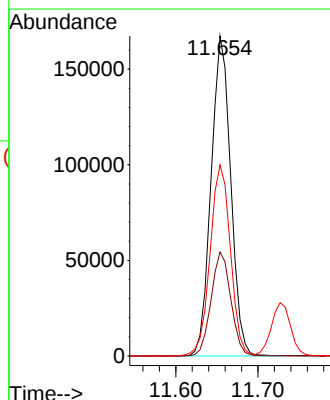
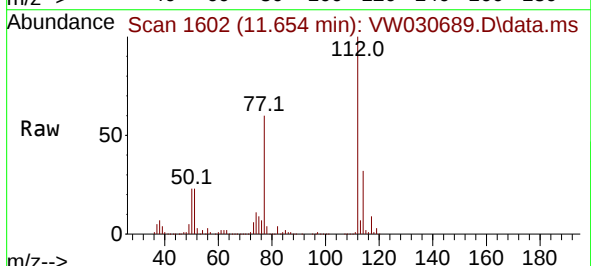
Instrument :
MSVOA_W
ClientSampleId :

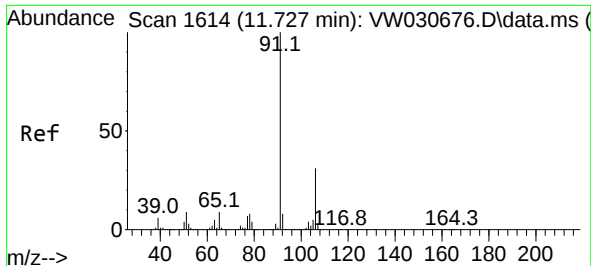
Tgt Ion:107 Resp: 74020
Ion Ratio Lower Upper
107 100
109 90.9 63.8 118.6
188 3.0 2.6 3.8



#51
Chlorobenzene
Concen: 23.446 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49

Tgt Ion:112 Resp: 277459
Ion Ratio Lower Upper
112 100
114 32.5 22.4 41.6
77 59.7 47.1 70.7

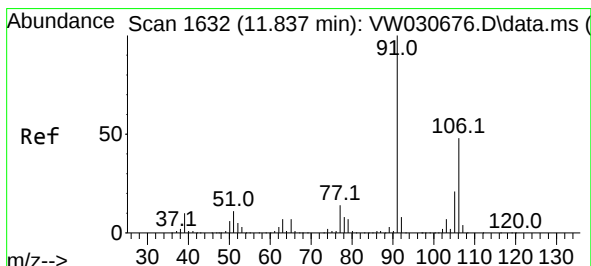
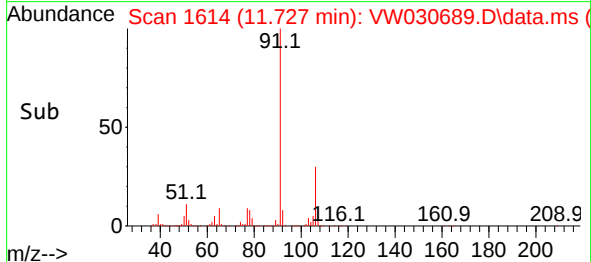
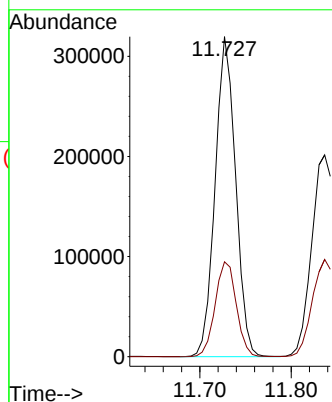
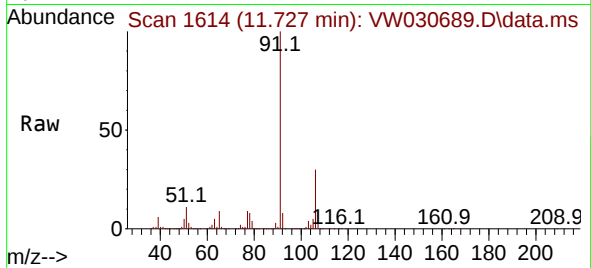




#52
Ethylbenzene
Concen: 23.718 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49

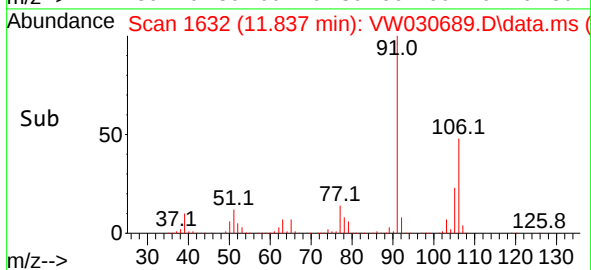
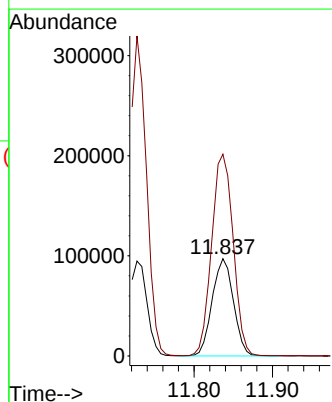
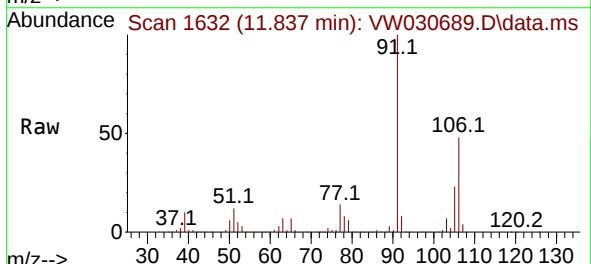
Instrument :
MSVOA_W
ClientSampleId :

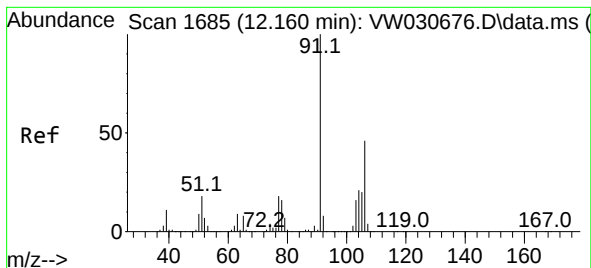
Tgt Ion: 91 Resp: 497541
Ion Ratio Lower Upper
91 100
106 29.7 21.1 39.1



#53
m,p-Xylene
Concen: 23.335 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49

Tgt Ion:106 Resp: 183389
Ion Ratio Lower Upper
106 100
91 207.2 140.6 261.2





#54

o-Xylene

Concen: 24.846 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030689.D

Acq: 21 Oct 2024 18:49

Instrument :

MSVOA_W

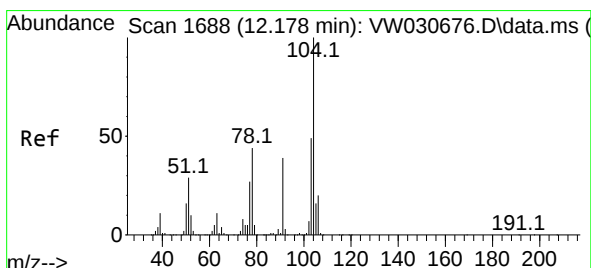
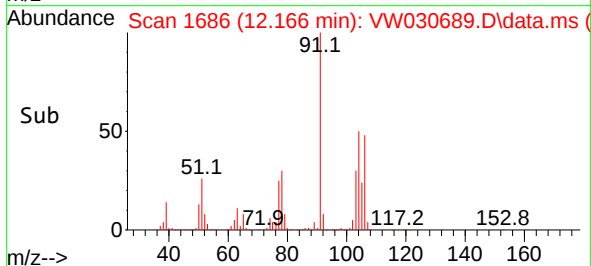
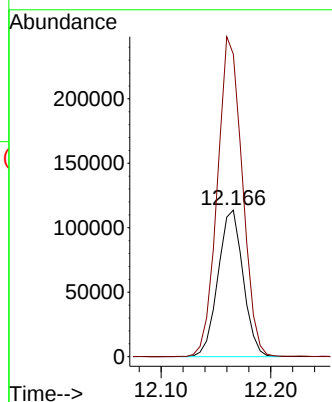
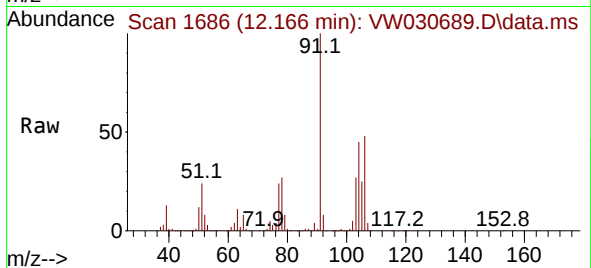
ClientSampleId :

Tgt Ion:106 Resp: 180522

Ion Ratio Lower Upper

106 100

91 206.3 144.5 268.4



#55

Styrene

Concen: 25.200 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030689.D

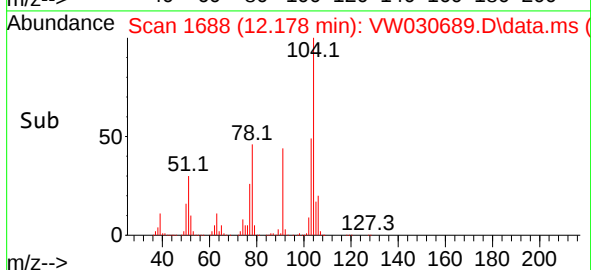
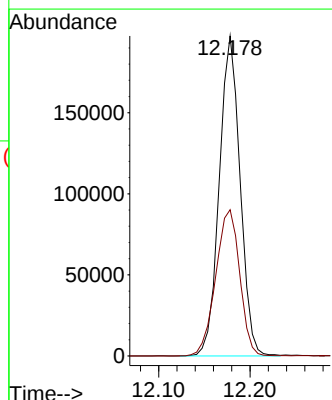
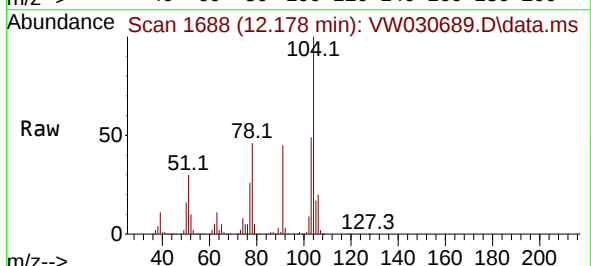
Acq: 21 Oct 2024 18:49

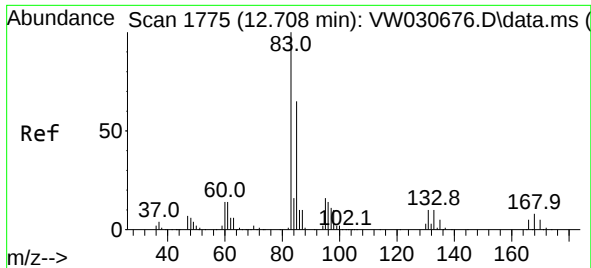
Tgt Ion:104 Resp: 312997

Ion Ratio Lower Upper

104 100

78 45.7 34.3 63.7

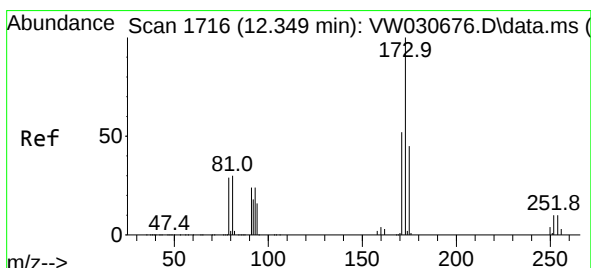
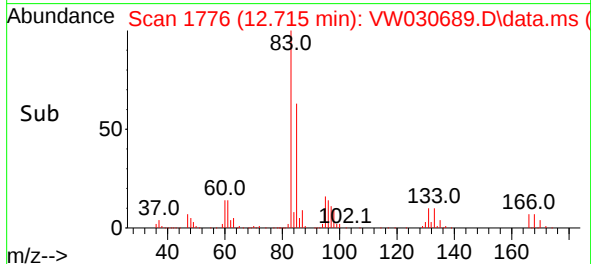
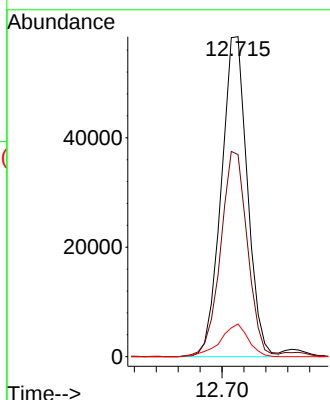
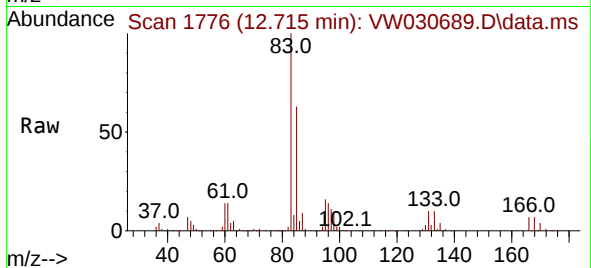




#57
1,1,2,2-Tetrachloroethane
Concen: 27.532 ug/L
RT: 12.715 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49

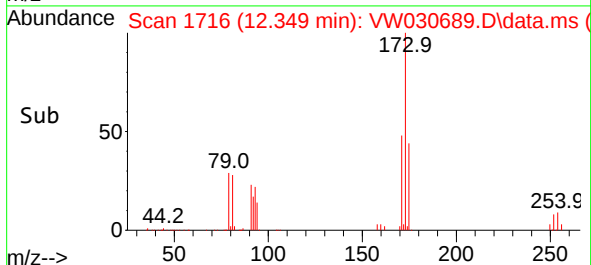
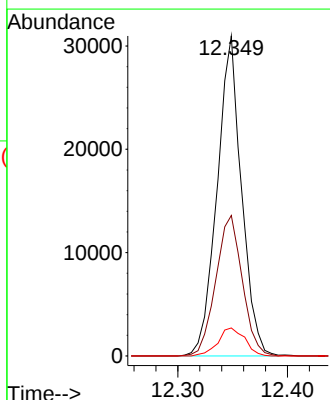
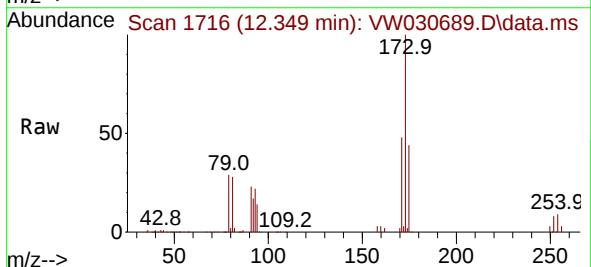
Instrument :
MSVOA_W
ClientSampleId :

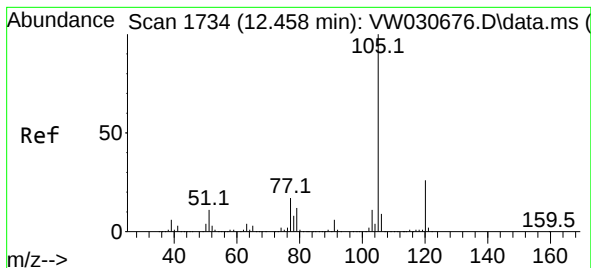
Tgt Ion: 83 Resp: 96572
Ion Ratio Lower Upper
83 100
85 63.1 42.6 79.2
131 10.2 7.4 11.0



#59
Bromoform
Concen: 26.403 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49

Tgt Ion:173 Resp: 47932
Ion Ratio Lower Upper
173 100
175 47.5 39.0 58.4
254 9.6 7.7 11.5





#60

Isopropylbenzene

Concen: 24.524 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

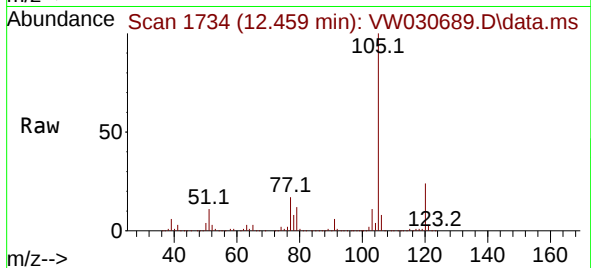
Lab File: VW030689.D

Acq: 21 Oct 2024 18:49

Instrument :

MSVOA_W

ClientSampleId :



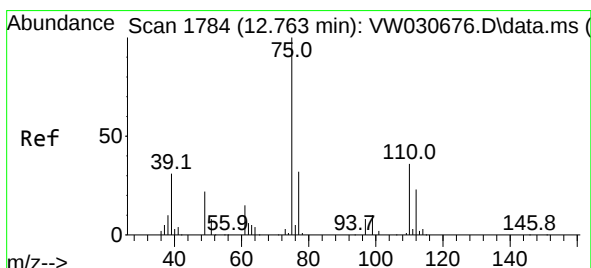
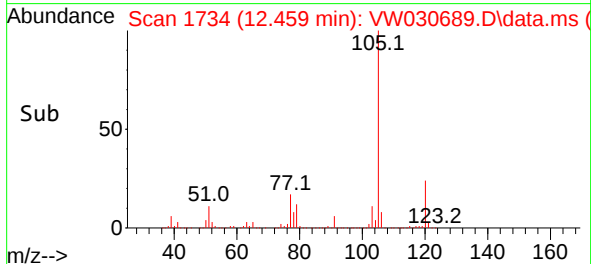
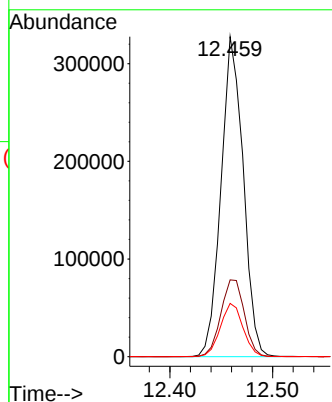
Tgt Ion:105 Resp: 490728

Ion Ratio Lower Upper

105 100

120 25.5 20.6 31.0

77 16.9 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 27.365 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW030689.D

Acq: 21 Oct 2024 18:49

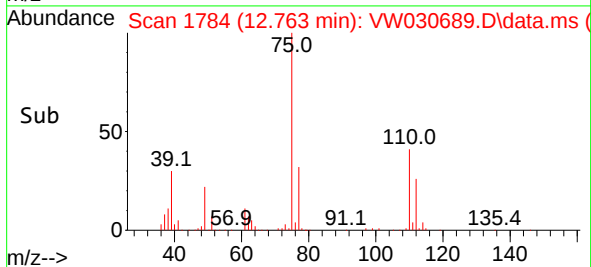
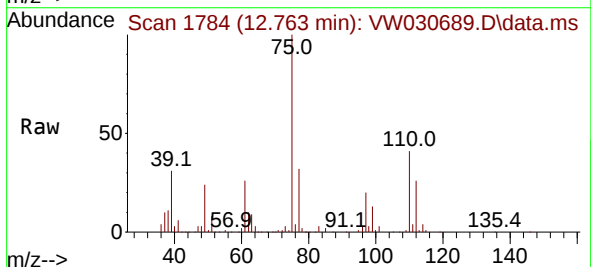
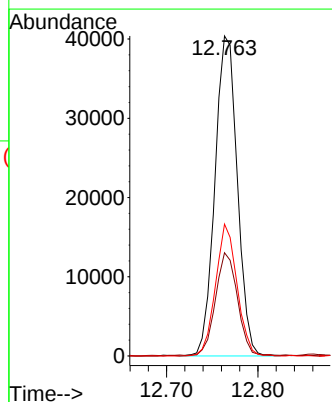
Tgt Ion: 75 Resp: 68805

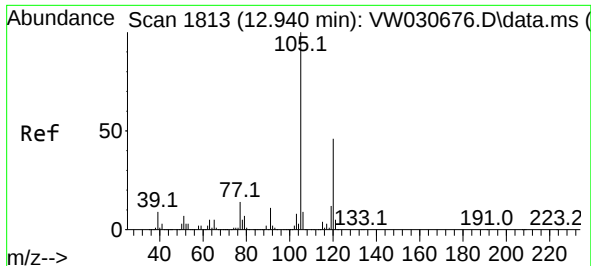
Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5

110 39.4 32.3 48.5

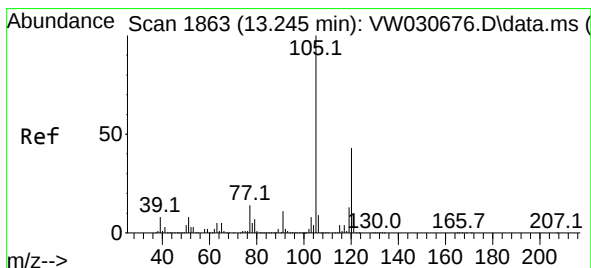
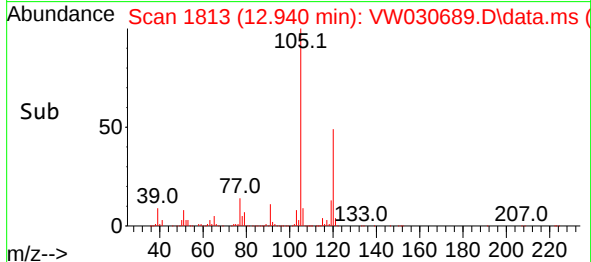
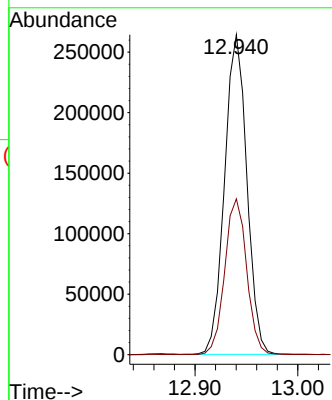
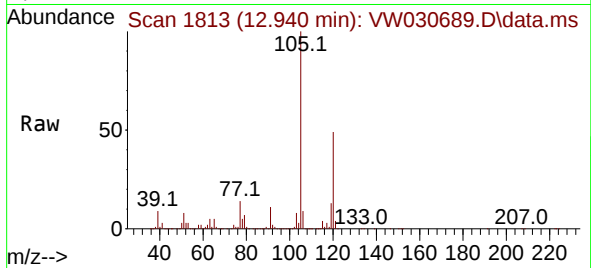




#62
1,3,5-Trimethylbenzene
Concen: 25.152 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49

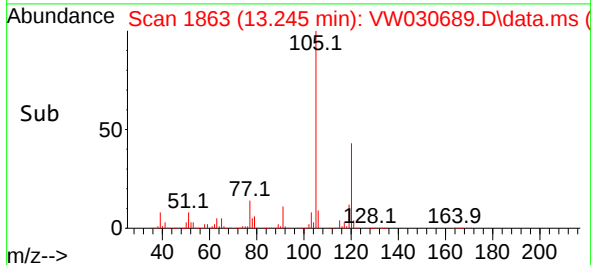
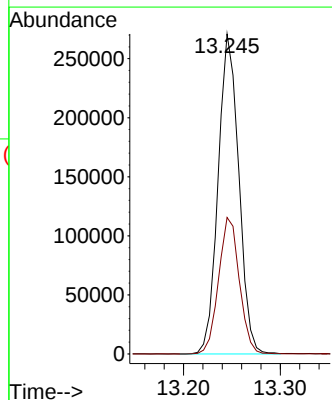
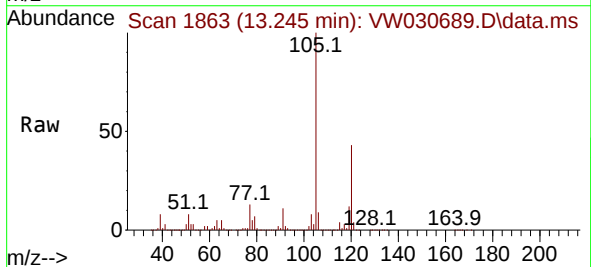
Instrument :
MSVOA_W
ClientSampleId :

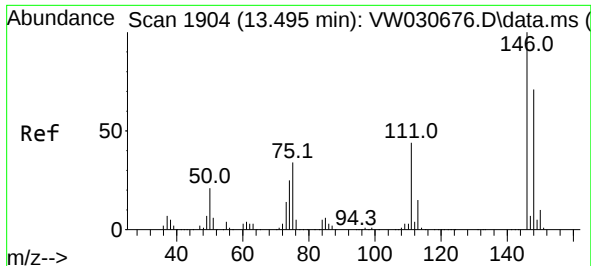
Tgt Ion:105 Resp: 397074
Ion Ratio Lower Upper
105 100
120 48.1 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 25.936 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49

Tgt Ion:105 Resp: 400888
Ion Ratio Lower Upper
105 100
120 43.0 35.8 53.6

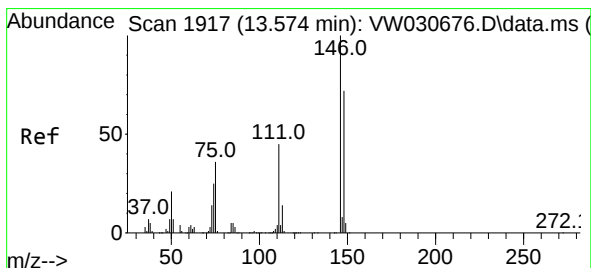
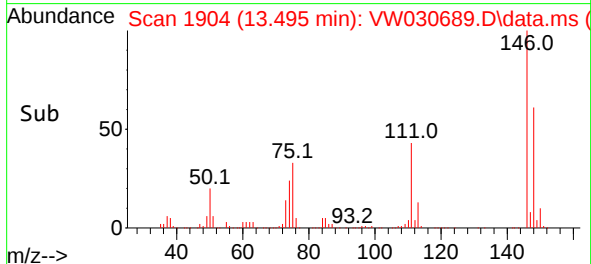
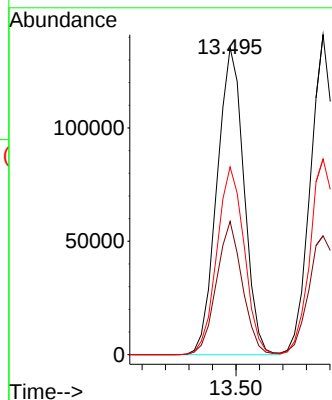
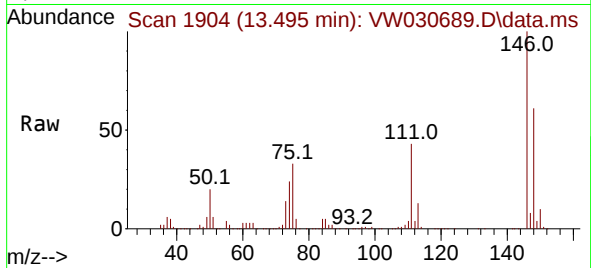




#64
1,3-Dichlorobenzene
Concen: 24.833 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49

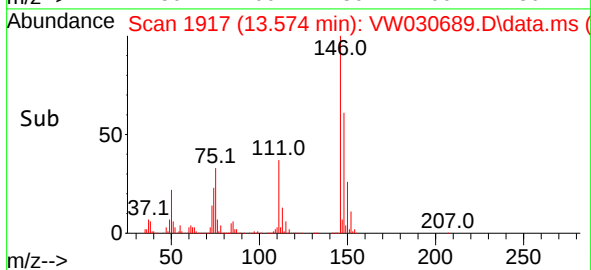
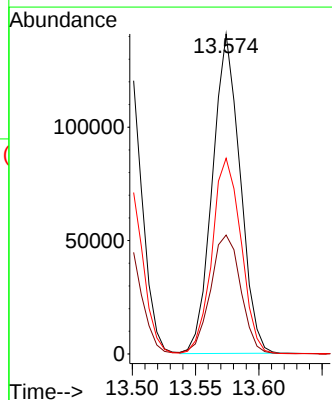
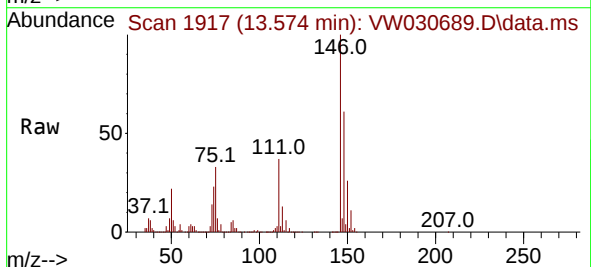
Instrument :
MSVOA_W
ClientSampleId :

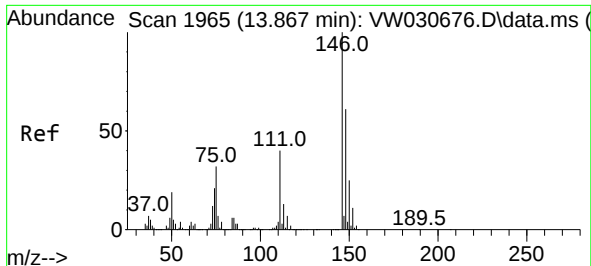
Tgt Ion:146 Resp: 216299
Ion Ratio Lower Upper
146 100
111 43.4 31.2 58.0
148 61.2 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 23.850 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030689.D
Acq: 21 Oct 2024 18:49

Tgt Ion:146 Resp: 214498
Ion Ratio Lower Upper
146 100
111 37.1 26.8 49.8
148 61.2 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 25.025 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW030689.D

Acq: 21 Oct 2024 18:49

Instrument :

MSVOA_W

ClientSampleId :

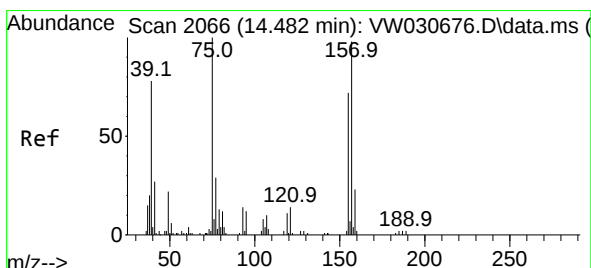
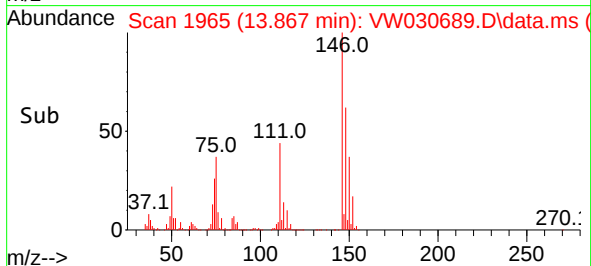
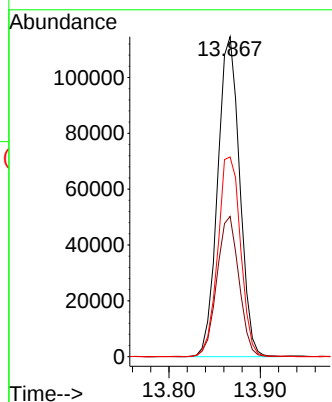
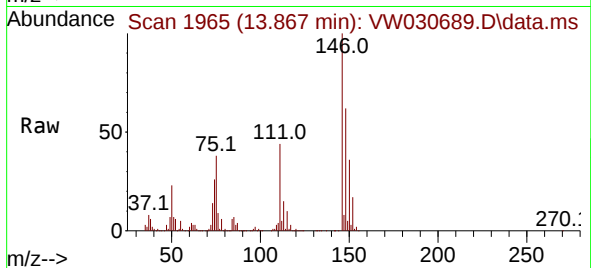
Tgt Ion:146 Resp: 191805

Ion Ratio Lower Upper

146 100

111 43.9 34.6 52.0

148 62.4 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 26.415 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW030689.D

Acq: 21 Oct 2024 18:49

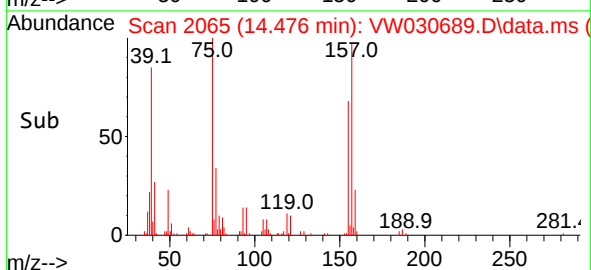
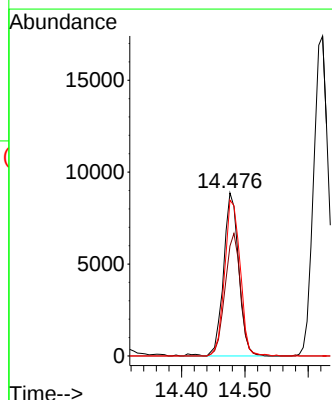
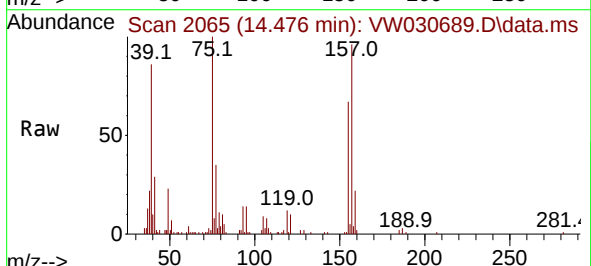
Tgt Ion: 75 Resp: 14809

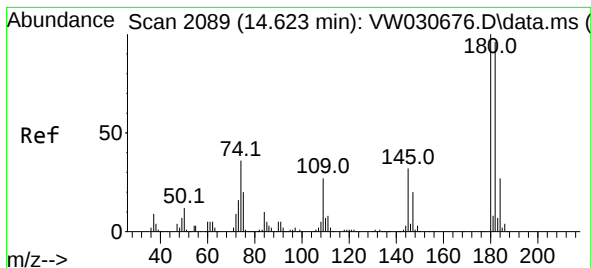
Ion Ratio Lower Upper

75 100

155 67.4 57.9 86.9

157 95.6 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 24.696 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

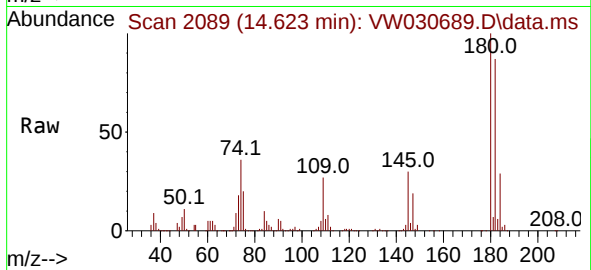
Lab File: VW030689.D

Acq: 21 Oct 2024 18:49

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 141848

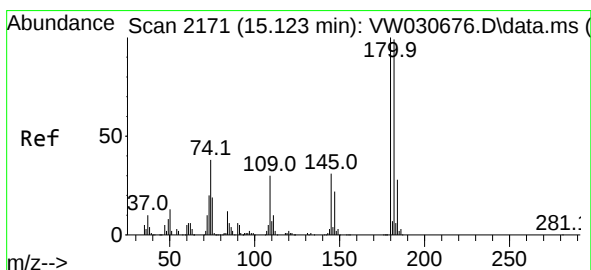
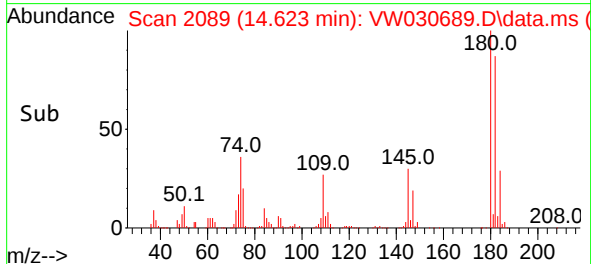
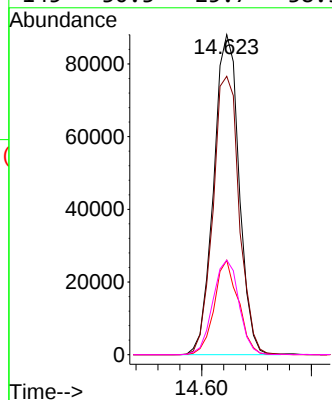
Ion Ratio Lower Upper

180 100

182 89.8 79.9 119.9

184 28.0 25.2 37.8

145 30.3 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 23.809 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW030689.D

Acq: 21 Oct 2024 18:49

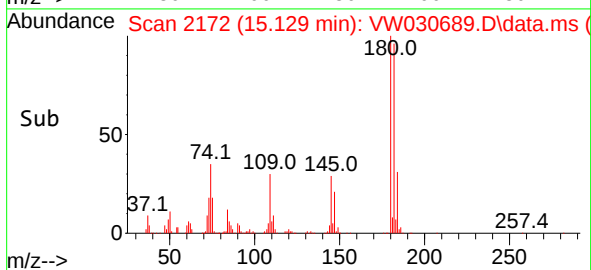
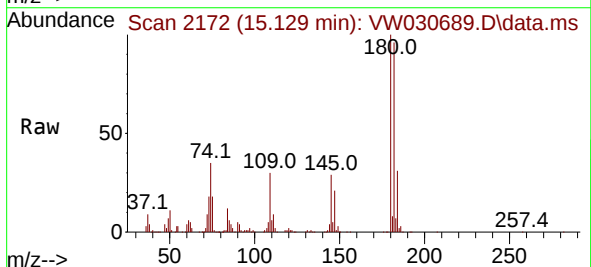
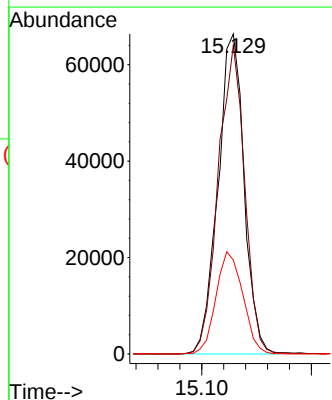
Tgt Ion:180 Resp: 110089

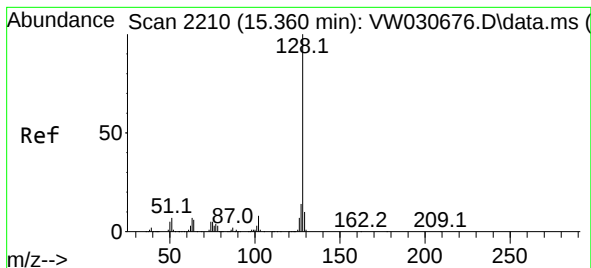
Ion Ratio Lower Upper

180 100

182 97.1 75.2 112.8

145 32.9 25.4 38.2





#71

Naphthalene

Concen: 28.534 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030689.D

Acq: 21 Oct 2024 18:49

Instrument :

MSVOA_W

ClientSampleId :

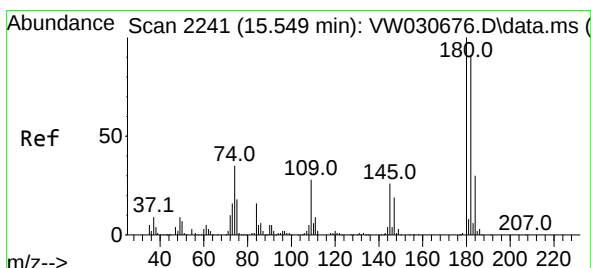
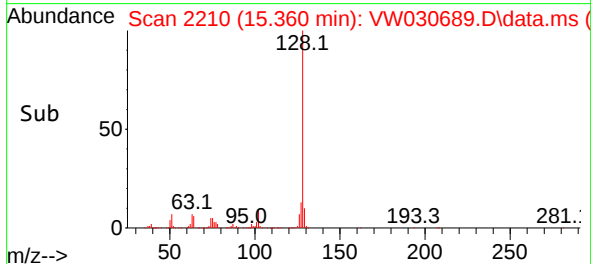
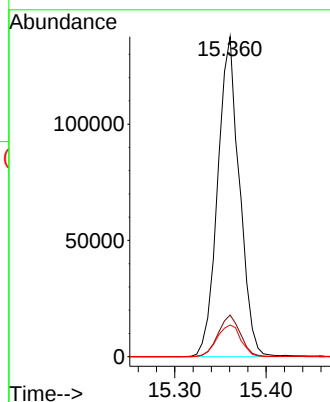
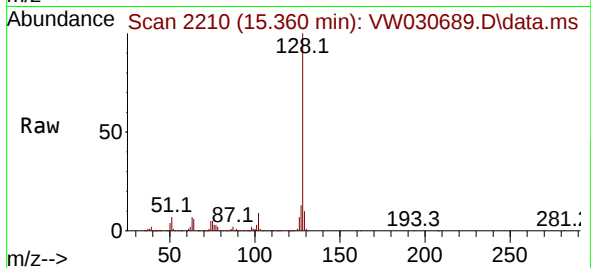
Tgt Ion:128 Resp: 227945

Ion Ratio Lower Upper

128 100

127 13.3 10.9 16.3

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 24.902 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030689.D

Acq: 21 Oct 2024 18:49

Tgt Ion:180 Resp: 99820

Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.4

145 34.6 27.4 41.2

