

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103124\
 Data File : VW030872.D
 Acq On : 31 Oct 2024 19:38
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 4.91g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 01 03:17:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 01 03:09:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	322994	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	310008	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	146277	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	98495	19.400	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.600%
7) Chloroethane-d5	2.899	69	92321	24.023	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.080%
11) 1,1-Dichloroethene-d2	4.021	65	40106	18.993	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.960%
21) 2-Butanone-d5	7.075	46	62160	68.034	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.060%#
24) Chloroform-d	7.648	84	259917	28.139	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.560%
26) 1,2-Dichloroethane-d4	8.307	65	138034	28.738	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.960%
32) Benzene-d6	8.276	84	449738	24.995	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	9.270	67	142157	26.918	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.680%
41) Toluene-d8	10.319	98	422884	25.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.000%
43) trans-1,3-Dichloroprop...	10.575	79	60754	27.474	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.880%
47) 2-Hexanone-d5	10.922	63	52715	77.500	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.000%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	120848	31.159	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.640%#
66) 1,2-Dichlorobenzene-d4	13.848	152	141782	28.646	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	82816	20.068	ug/L	97
3) Chloromethane	2.222	50	108138	22.546	ug/L	100
5) Vinyl chloride	2.375	62	134885	22.868	ug/L	97
6) Bromomethane	2.789	94	92990	23.953	ug/L	95
8) Chloroethane	2.936	64	84095	23.323	ug/L	96
9) Trichlorofluoromethane	3.265	101	112702	21.355	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	44477	9.367	ug/L #	24
12) 1,1-Dichloroethene	4.045	96	83255	19.212	ug/L	97
13) Acetone	4.118	43	46201	34.540	ug/L	100
14) Carbon disulfide	4.393	76	282826	19.986	ug/L	99
15) Methyl Acetate	4.673	43	38550	23.331	ug/L	97
16) Methylene chloride	4.917	84	99478	20.372	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	95296	20.380	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	145513	22.235	ug/L	100
19) 1,1-Dichloroethane	6.216	63	181645	20.901	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	125843	25.231	ug/L	99
22) 2-Butanone	7.167	43	68350	47.404	ug/L	98
23) Bromochloromethane	7.514	128	55356	25.370	ug/L	91
25) Chloroform	7.679	83	234142	25.211	ug/L	98

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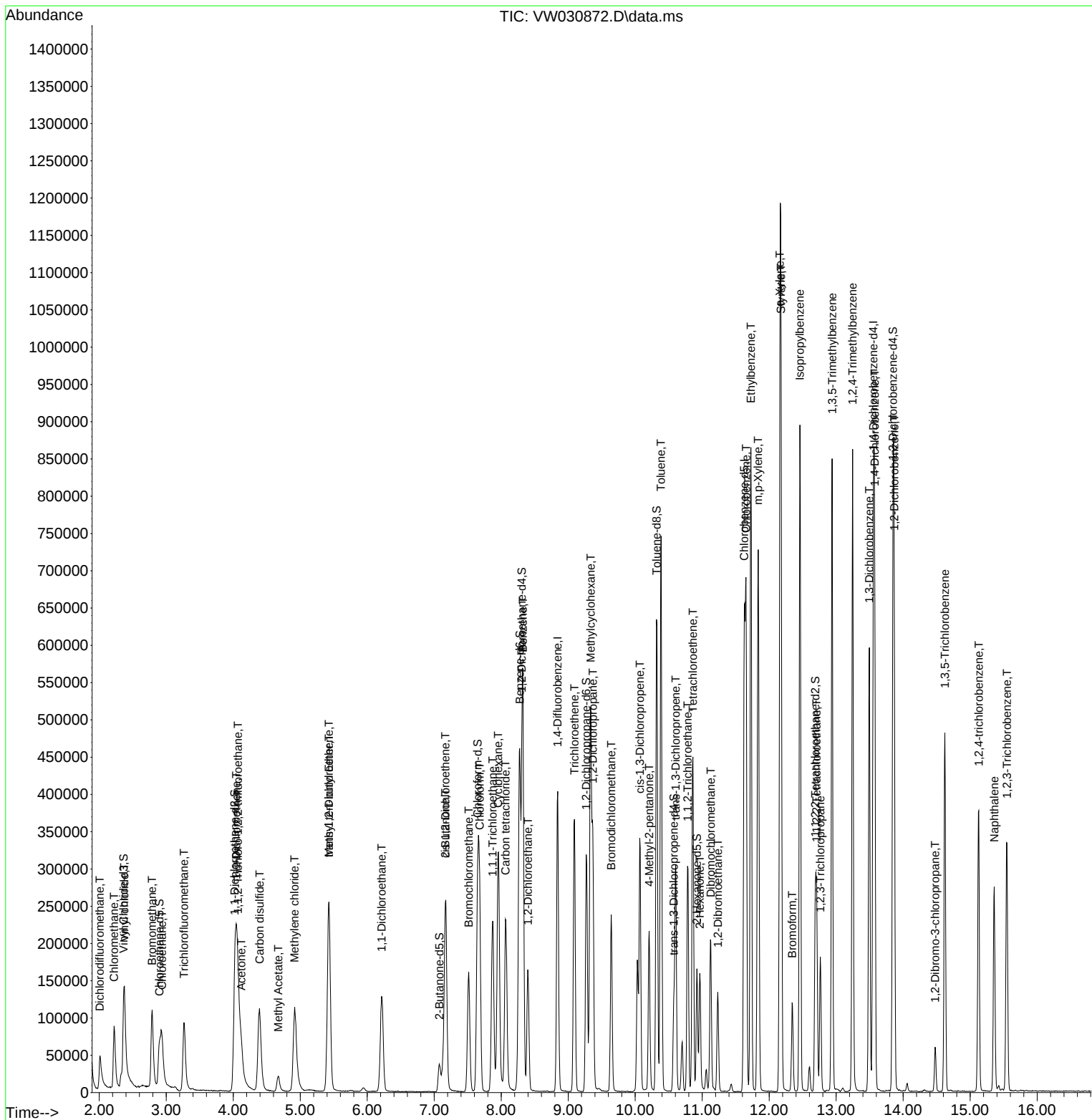
Instrument :
 MSVOA_W
 ClientSampleId :

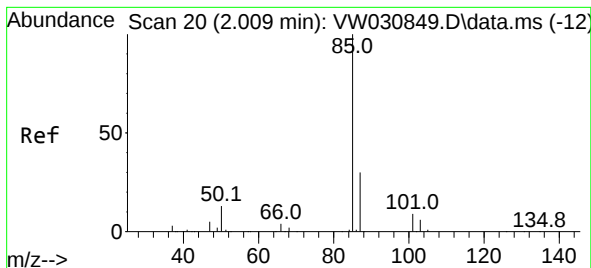
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 Quant Title : SFAM01.0
 QLast Update : Fri Nov 01 03:09:59 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	148004	24.156	ug/L	100
29) Cyclohexane	7.953	56	174528	23.128	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	186764	22.694	ug/L	99
31) Carbon tetrachloride	8.063	117	168294	22.897	ug/L	98
33) Benzene	8.325	78	469004	23.248	ug/L	100
34) Trichloroethene	9.093	95	126692	22.573	ug/L	99
35) Methylcyclohexane	9.337	83	205742	23.293	ug/L	98
37) 1,2-Dichloropropane	9.367	63	119538	23.725	ug/L	100
38) Bromodichloromethane	9.642	83	148041	22.084	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	191897	25.250	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	135083	55.807	ug/L	98
42) Toluene	10.386	91	527180	24.494	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	160716	25.165	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	91227	25.052	ug/L	96
46) Tetrachloroethene	10.861	164	99394	24.011	ug/L	93
48) 2-Hexanone	10.965	43	99270	50.150	ug/L	98
49) Dibromochloromethane	11.129	129	102360	25.192	ug/L	96
50) 1,2-Dibromoethane	11.233	107	87346	25.706	ug/L	96
51) Chlorobenzene	11.654	112	329005	23.747	ug/L	96
52) Ethylbenzene	11.727	91	585411	23.837	ug/L	99
53) m,p-Xylene	11.837	106	224539	24.405	ug/L	99
54) o-Xylene	12.160	106	204014	23.984	ug/L	94
55) Styrene	12.178	104	353762	24.328	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	106638	25.968	ug/L	95
59) Bromoform	12.343	173	51393	25.007	ug/L	98
60) Isopropylbenzene	12.458	105	540238	23.849	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	69774	24.513	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	415038	23.224	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	421191	24.071	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	226812	23.003	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	262720	25.804	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	224728	25.900	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	14380	22.657	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	140474	21.604	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	109241	20.870	ug/L	98
71) Naphthalene	15.360	128	221319	24.473	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	104202	22.963	ug/L	99

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

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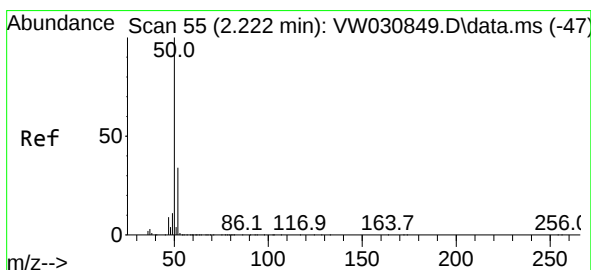
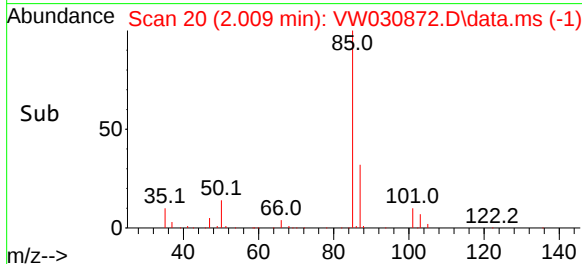
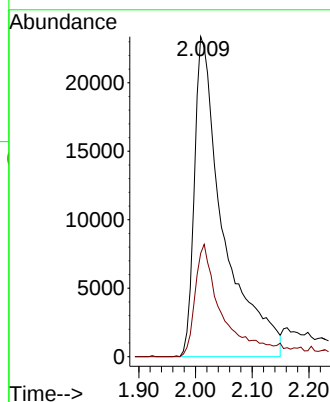
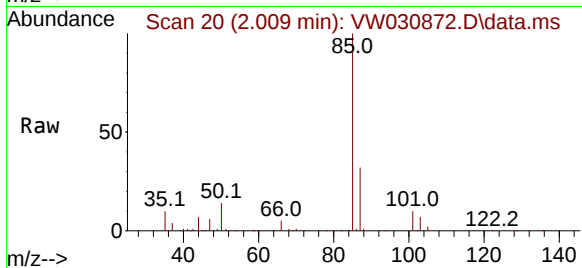




#2
Dichlorodifluoromethane
Concen: 20.068 ug/L
RT: 2.009 min Scan# 20
Delta R.T. 0.000 min
Lab File: VW030872.D
Acq: 31 Oct 2024 19:38

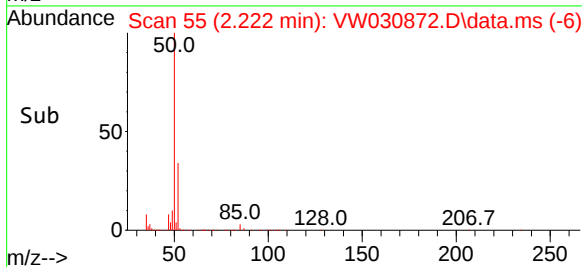
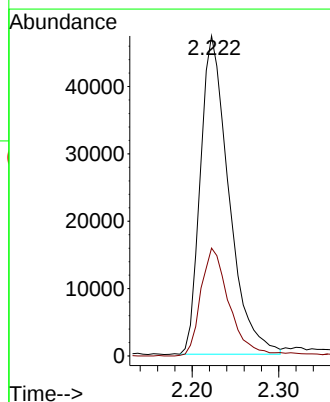
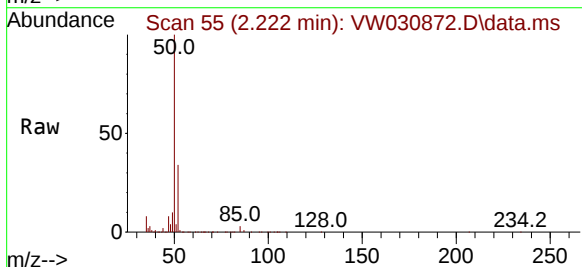
Instrument :
MSVOA_W
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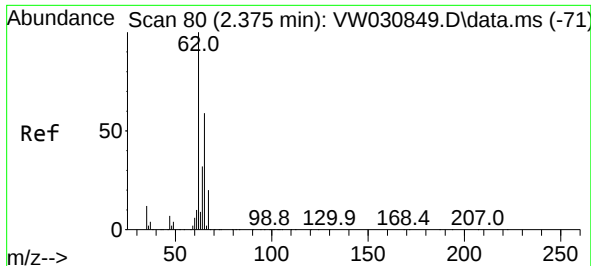
Tgt Ion: 85 Resp: 82816
Ion Ratio Lower Upper
85 100
87 28.2 23.8 35.6



#3
Chloromethane
Concen: 22.546 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW030872.D
Acq: 31 Oct 2024 19:38

Tgt Ion: 50 Resp: 108138
Ion Ratio Lower Upper
50 100
52 33.7 23.7 43.9

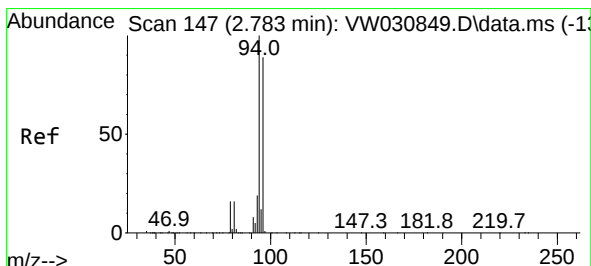
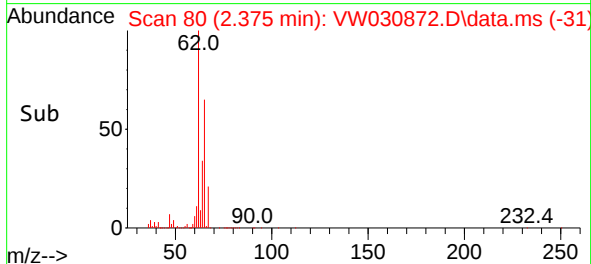
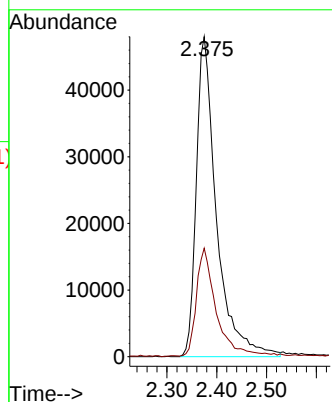
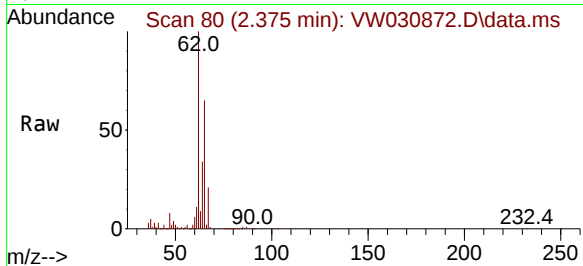




#5
 Vinyl chloride
 Concen: 22.868 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030872.D
 Acq: 31 Oct 2024 19:38

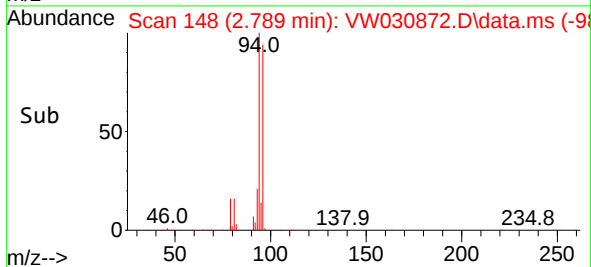
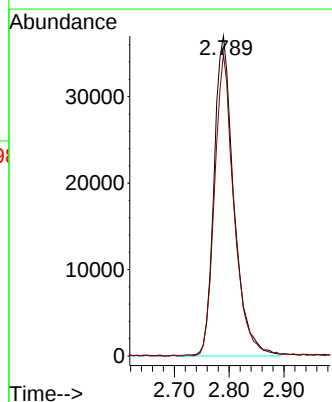
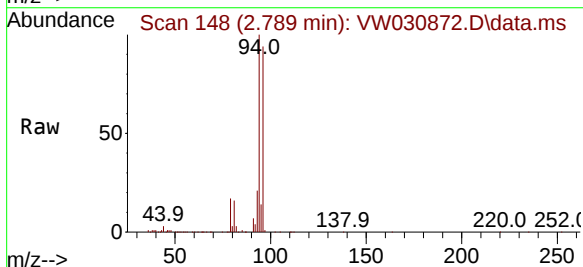
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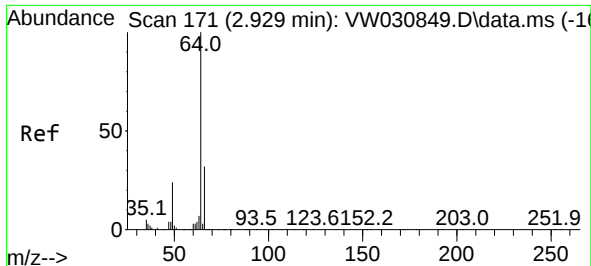
Tgt Ion: 62 Resp: 134885
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.6 42.0



#6
 Bromomethane
 Concen: 23.953 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VW030872.D
 Acq: 31 Oct 2024 19:38

Tgt Ion: 94 Resp: 92990
 Ion Ratio Lower Upper
 94 100
 96 94.3 62.6 116.2

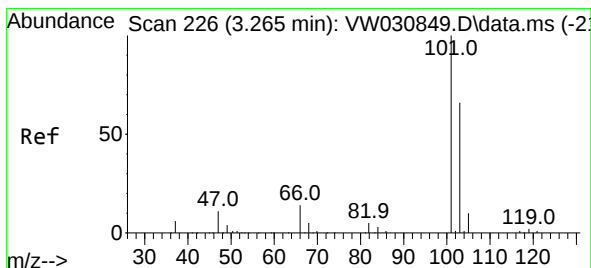
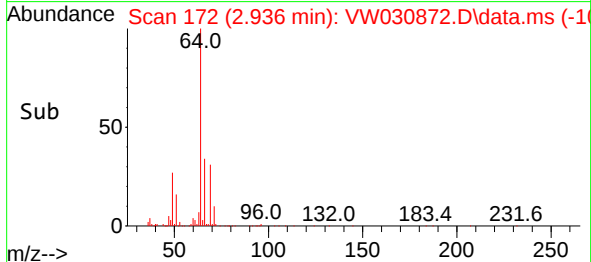
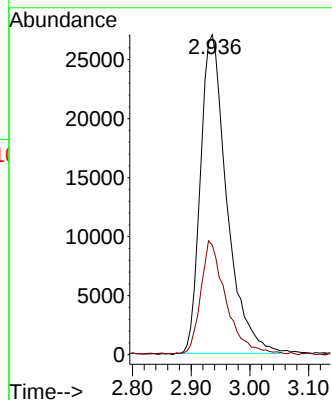
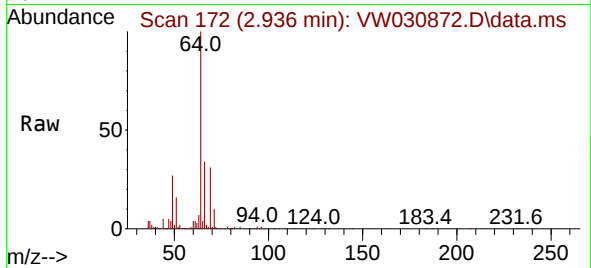




#8
Chloroethane
Concen: 23.323 ug/L
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW030872.D
Acq: 31 Oct 2024 19:38

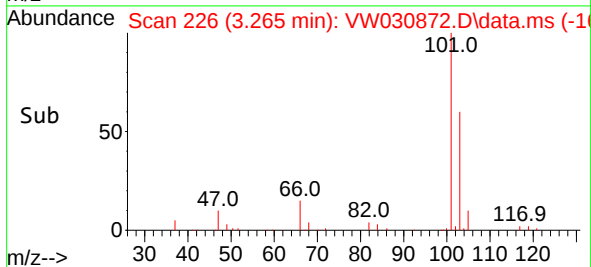
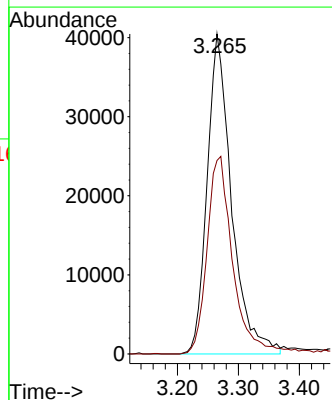
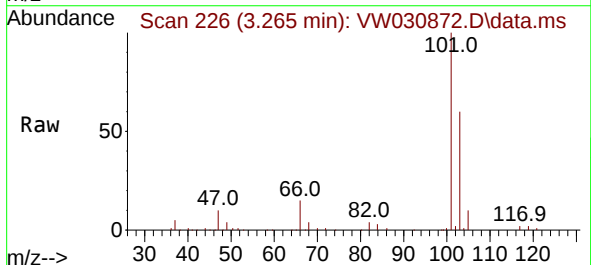
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ClientSampleId :

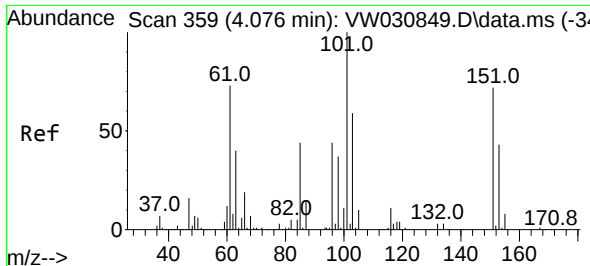
Tgt Ion: 64 Resp: 84095
Ion Ratio Lower Upper
64 100
66 34.3 22.3 41.5



#9
Trichlorofluoromethane
Concen: 21.355 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW030872.D
Acq: 31 Oct 2024 19:38

Tgt Ion:101 Resp: 112702
Ion Ratio Lower Upper
101 100
103 63.5 51.1 76.7

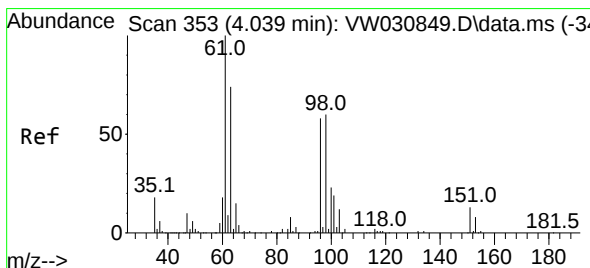
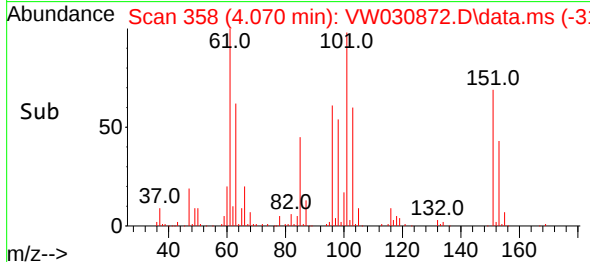
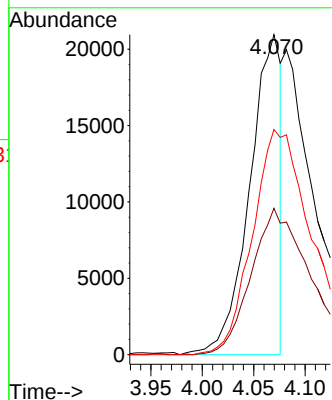
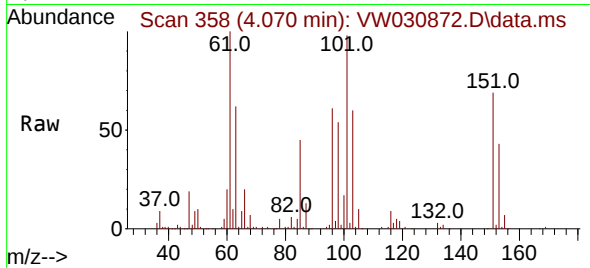




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.367 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW030872.D
 Acq: 31 Oct 2024 19:38

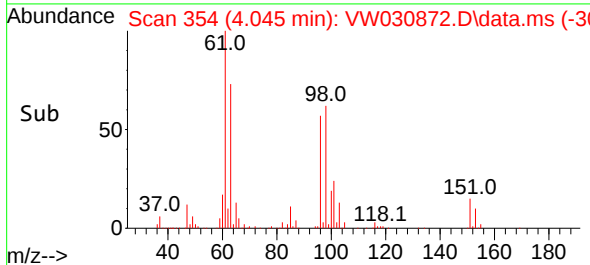
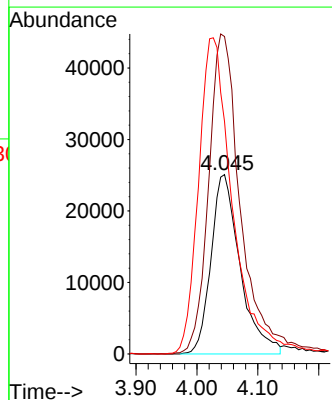
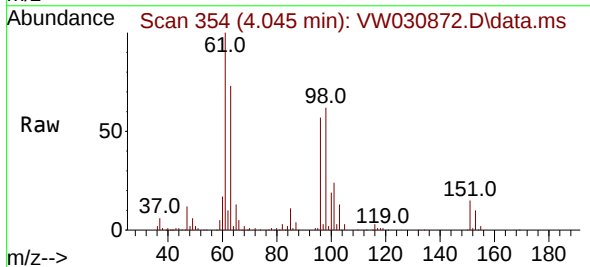
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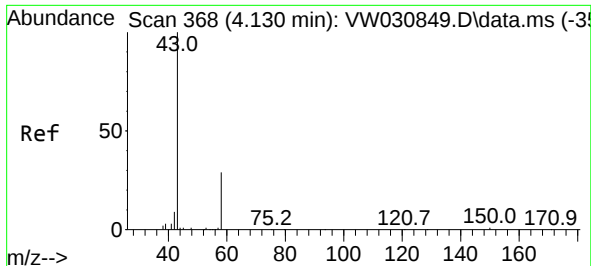
Tgt Ion:101 Resp: 44477
 Ion Ratio Lower Upper
 101 100
 85 85.6 35.7 53.5#
 151 138.9 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 19.212 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW030872.D
 Acq: 31 Oct 2024 19:38

Tgt Ion: 96 Resp: 83255
 Ion Ratio Lower Upper
 96 100
 61 176.9 121.3 225.3
 63 129.6 87.6 162.8

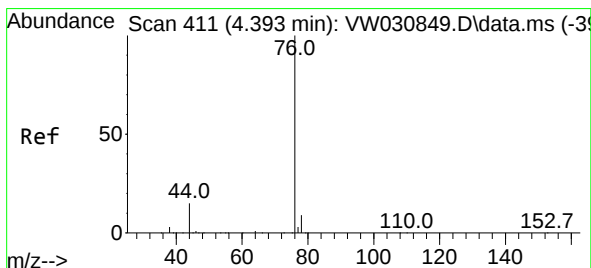
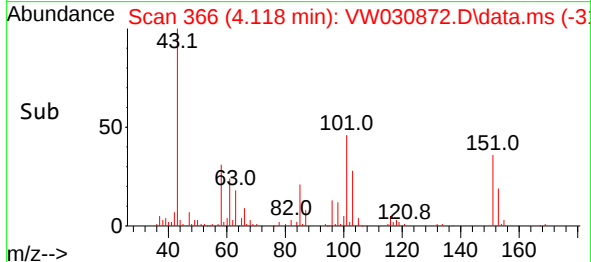
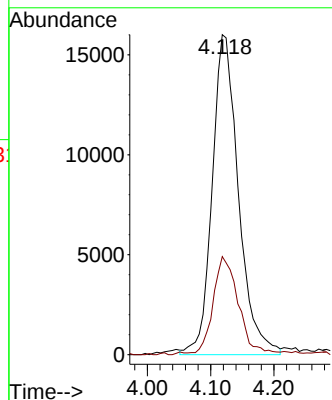
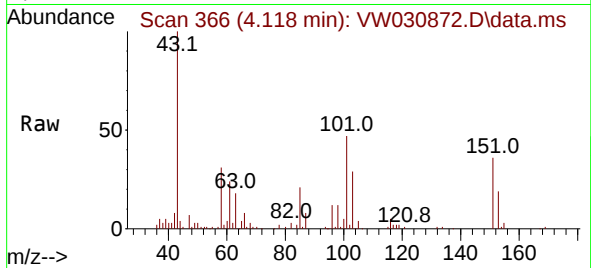




#13
Acetone
Concen: 34.540 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW030872.D
Acq: 31 Oct 2024 19:38

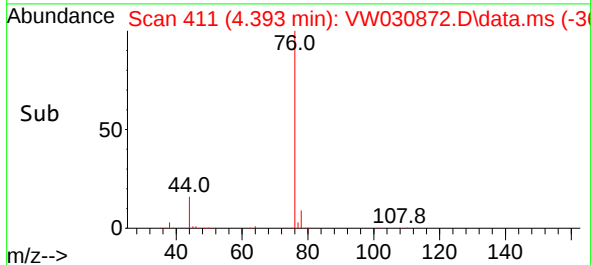
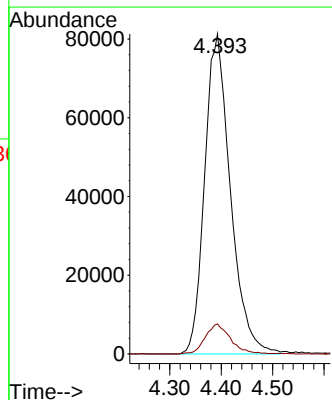
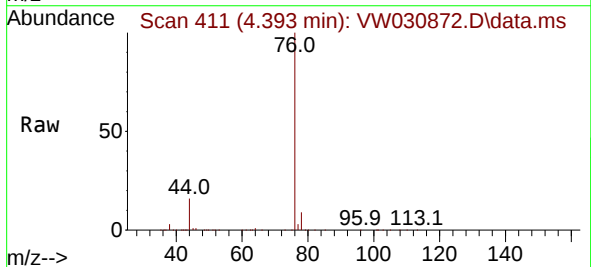
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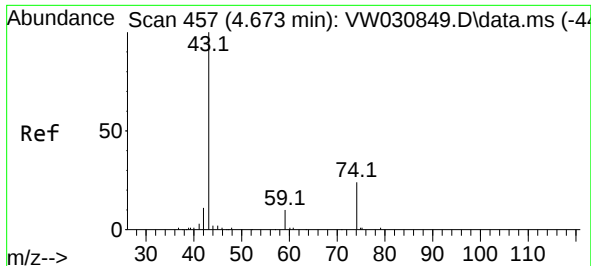
Tgt Ion: 43 Resp: 46201
Ion Ratio Lower Upper
43 100
58 28.9 0.0 57.6



#14
Carbon disulfide
Concen: 19.986 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW030872.D
Acq: 31 Oct 2024 19:38

Tgt Ion: 76 Resp: 282826
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7

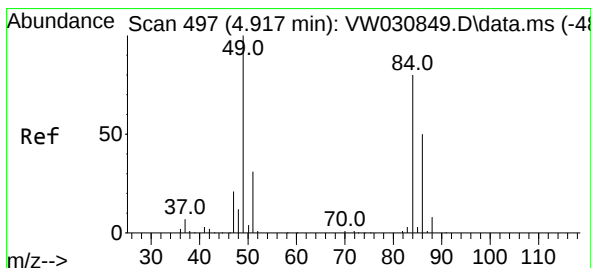
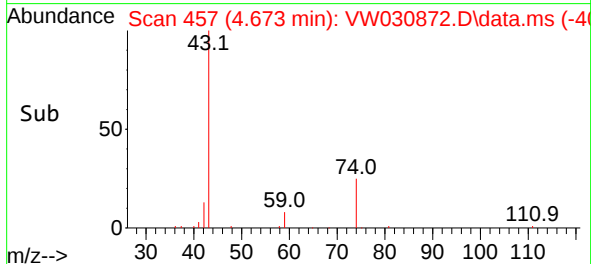
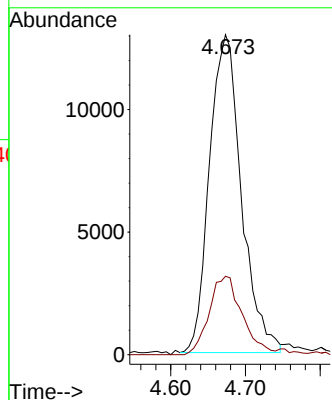
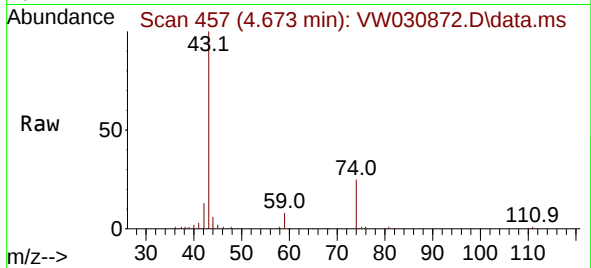




#15
Methyl Acetate
Concen: 23.331 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW030872.D
Acq: 31 Oct 2024 19:38

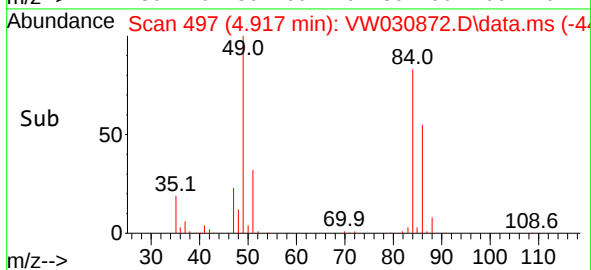
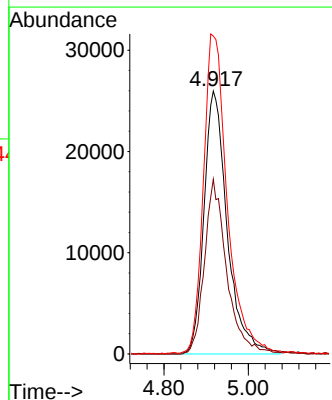
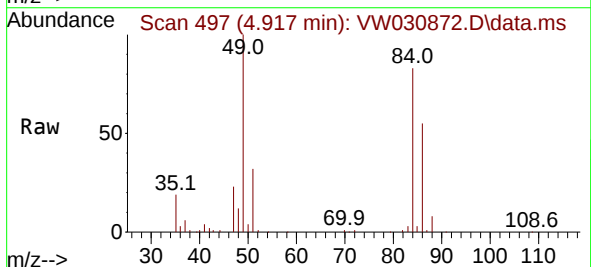
Instrument :
MSVOA_W
ClientSampleId :

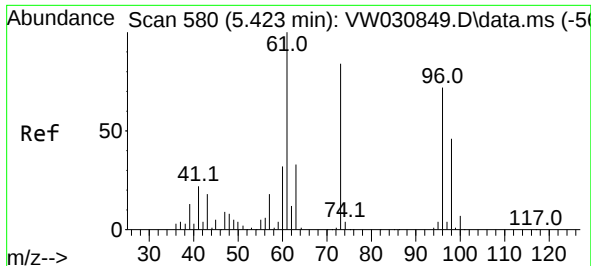
Tgt Ion: 43 Resp: 38550
Ion Ratio Lower Upper
43 100
74 25.4 19.3 28.9



#16
Methylene chloride
Concen: 20.372 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW030872.D
Acq: 31 Oct 2024 19:38

Tgt Ion: 84 Resp: 99478
Ion Ratio Lower Upper
84 100
86 66.5 43.8 81.3
49 121.0 88.3 164.1

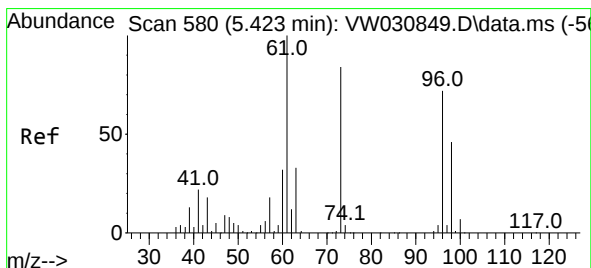
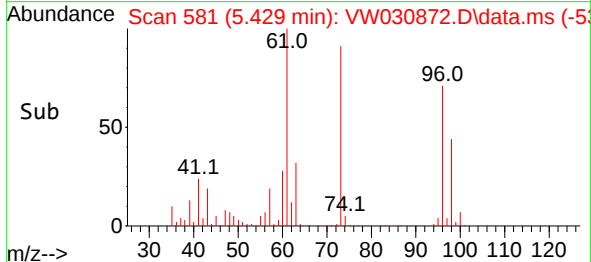
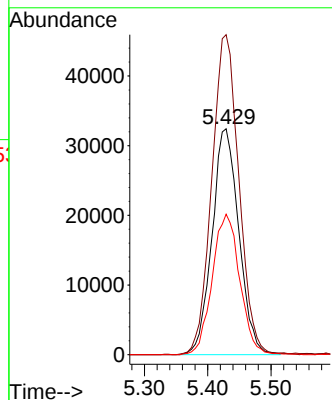
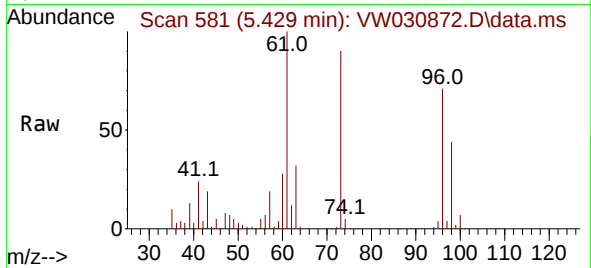




#17
trans-1,2-Dichloroethene
Concen: 20.380 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW030872.D
Acq: 31 Oct 2024 19:38

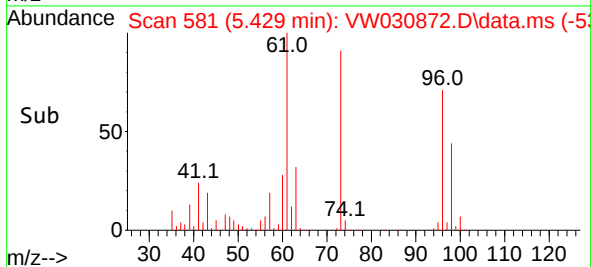
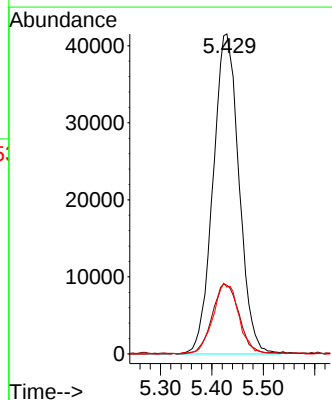
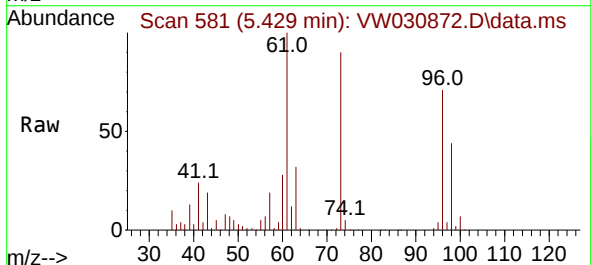
Instrument :
MSVOA_W
ClientSampleId :

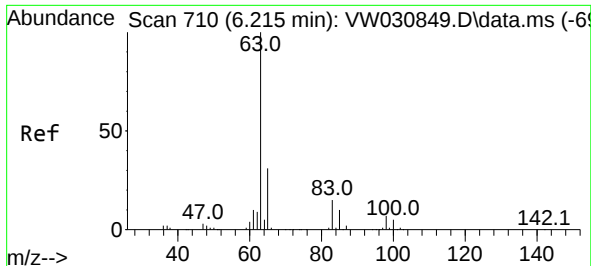
Tgt Ion: 96 Resp: 95296
Ion Ratio Lower Upper
96 100
61 141.6 96.9 179.9
98 62.2 42.2 78.4



#18
Methyl tert-butyl Ether
Concen: 22.235 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW030872.D
Acq: 31 Oct 2024 19:38

Tgt Ion: 73 Resp: 145513
Ion Ratio Lower Upper
73 100
43 22.7 18.1 27.1
57 21.9 17.7 26.5





#19

1,1-Dichloroethane

Concen: 20.901 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW030872.D

Acq: 31 Oct 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :

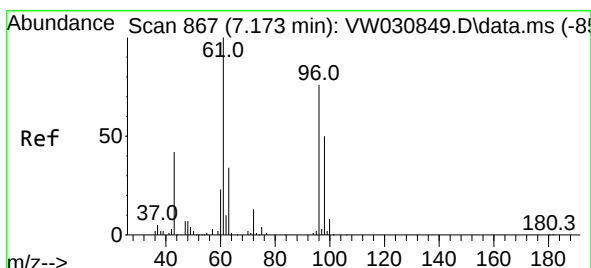
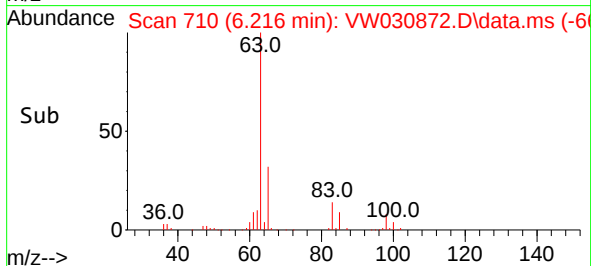
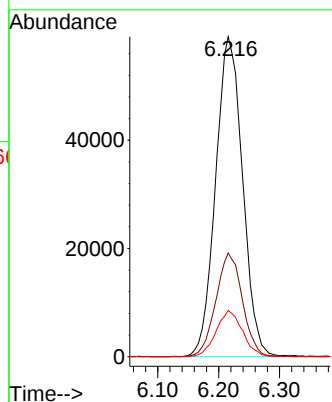
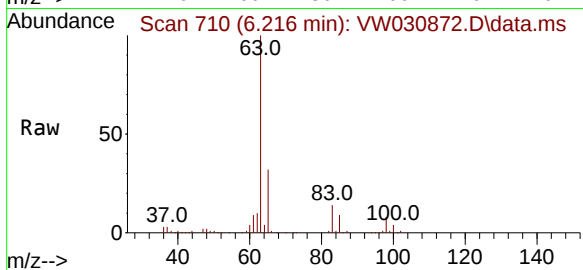
Tgt Ion: 63 Resp: 181645

Ion Ratio Lower Upper

63 100

65 32.4 22.5 41.9

83 14.5 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 25.231 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW030872.D

Acq: 31 Oct 2024 19:38

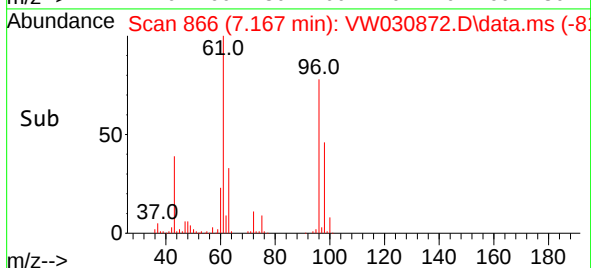
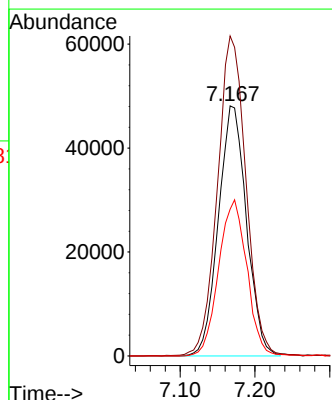
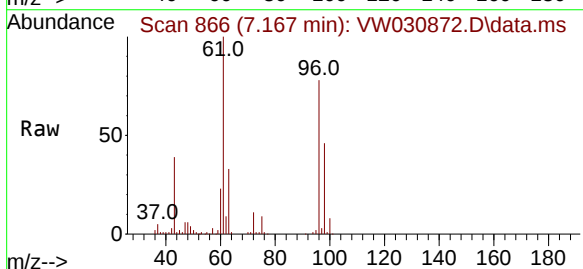
Tgt Ion: 96 Resp: 125843

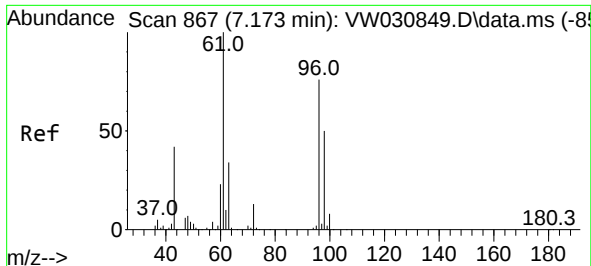
Ion Ratio Lower Upper

96 100

61 127.9 88.3 163.9

98 58.7 41.3 76.7

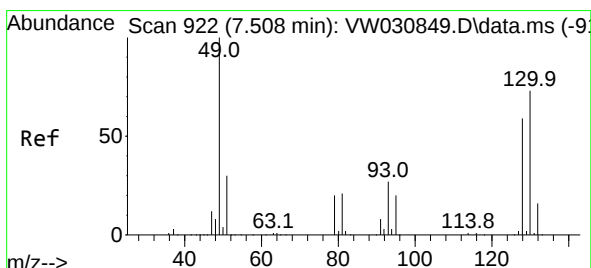
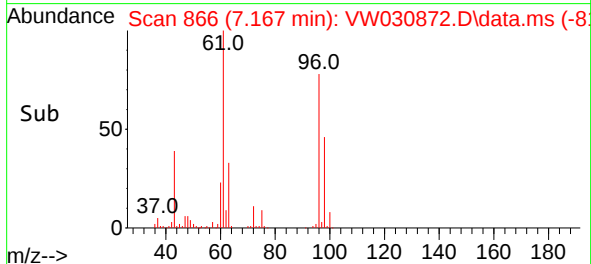
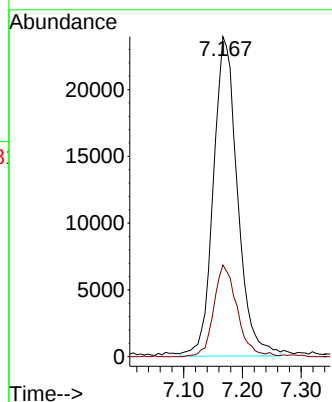
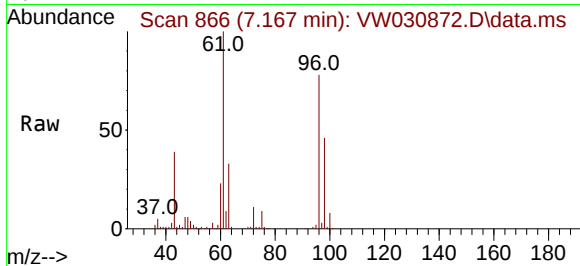




#22
2-Butanone
Concen: 47.404 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW030872.D
Acq: 31 Oct 2024 19:38

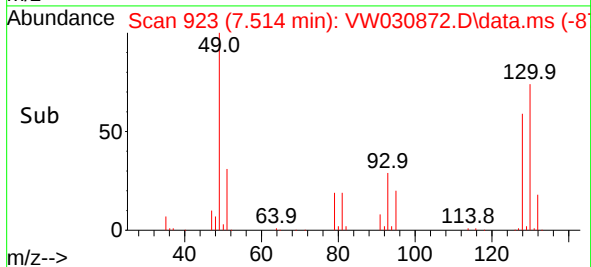
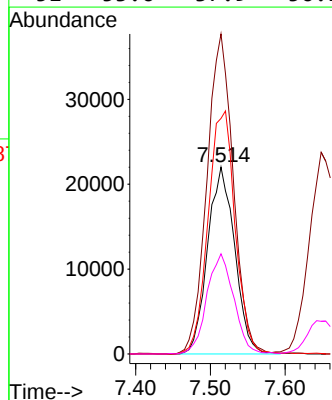
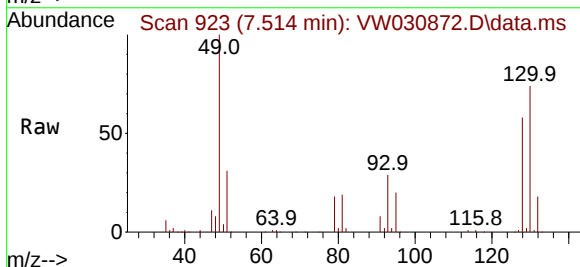
Instrument :
MSVOA_W
ClientSampleId :

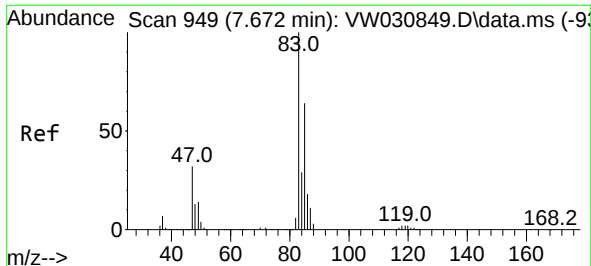
Tgt Ion: 43 Resp: 68350
Ion Ratio Lower Upper
43 100
72 27.5 14.4 43.0



#23
Bromochloromethane
Concen: 25.370 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW030872.D
Acq: 31 Oct 2024 19:38

Tgt Ion: 128 Resp: 55356
Ion Ratio Lower Upper
128 100
49 171.3 110.1 204.5
130 126.1 82.9 153.9
51 53.6 37.9 56.9

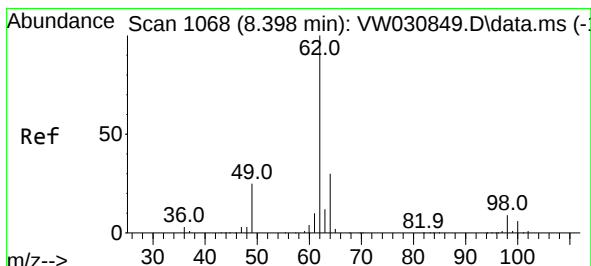
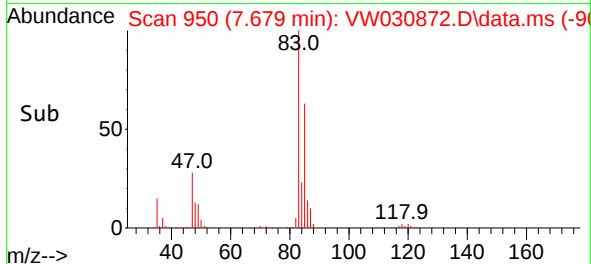
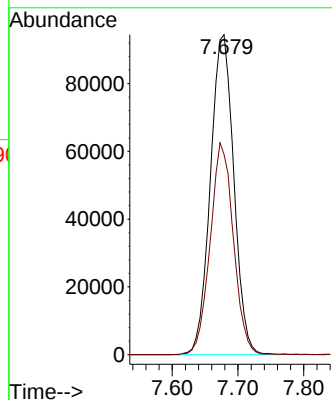
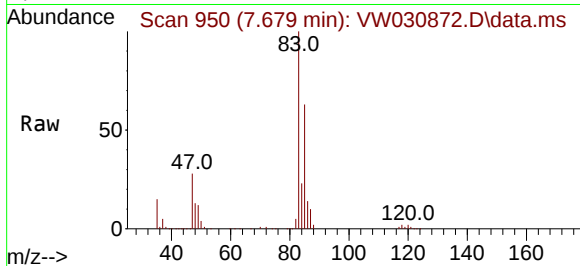




#25
Chloroform
Concen: 25.211 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW030872.D
Acq: 31 Oct 2024 19:38

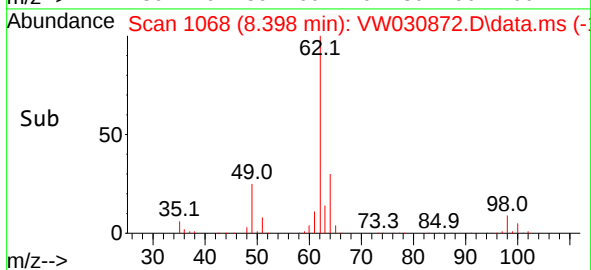
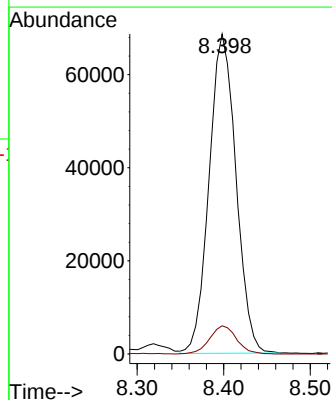
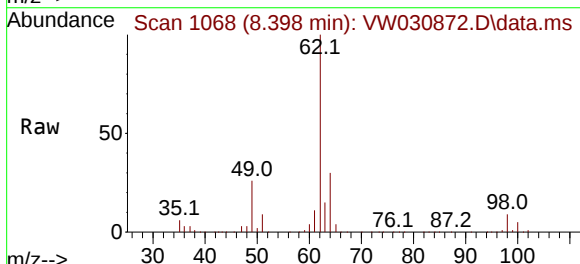
Instrument :
MSVOA_W
ClientSampleId :

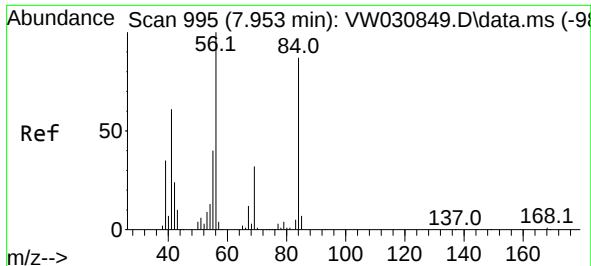
Tgt Ion: 83 Resp: 234142
Ion Ratio Lower Upper
83 100
85 62.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.156 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW030872.D
Acq: 31 Oct 2024 19:38

Tgt Ion: 62 Resp: 148004
Ion Ratio Lower Upper
62 100
98 8.8 7.0 10.6





#29

Cyclohexane

Concen: 23.128 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

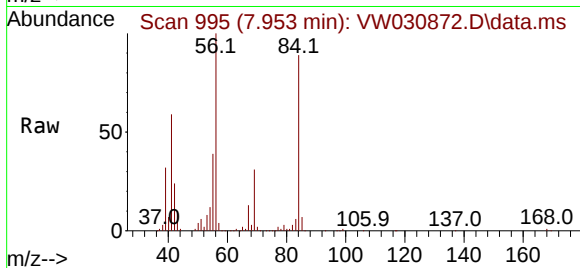
Lab File: VW030872.D

Acq: 31 Oct 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :



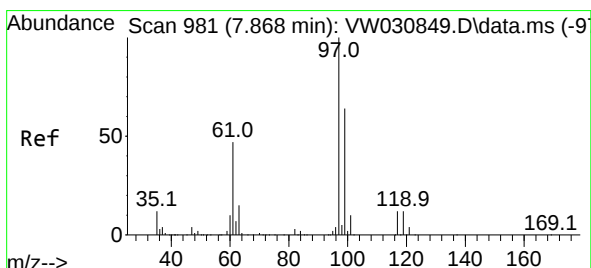
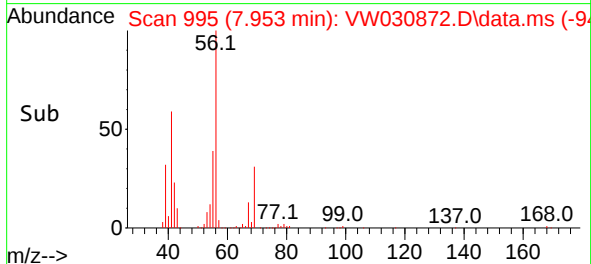
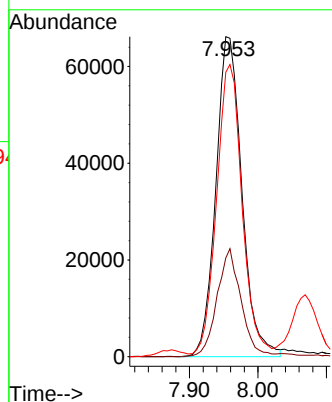
Tgt Ion: 56 Resp: 174528

Ion Ratio Lower Upper

56 100

69 30.9 25.4 38.0

84 89.0 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 22.694 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW030872.D

Acq: 31 Oct 2024 19:38

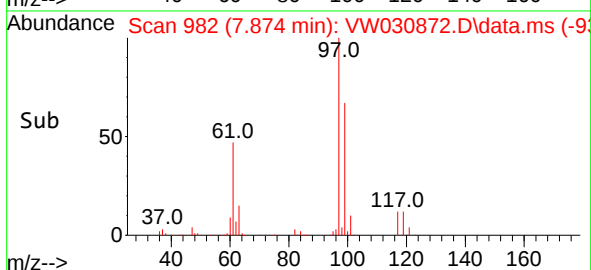
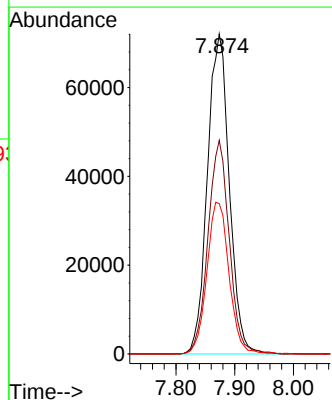
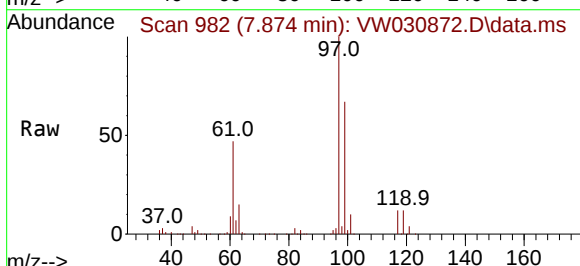
Tgt Ion: 97 Resp: 186764

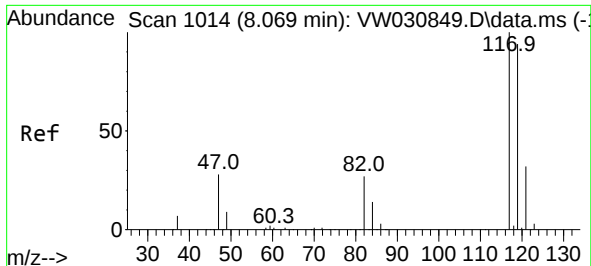
Ion Ratio Lower Upper

97 100

99 64.6 52.3 78.5

61 47.9 38.5 57.7

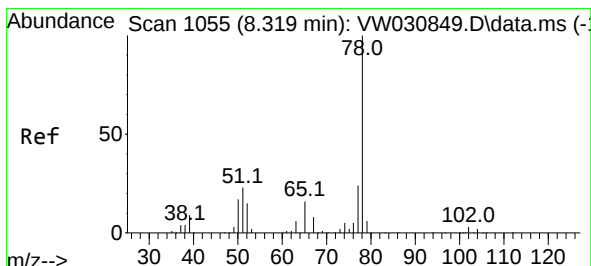
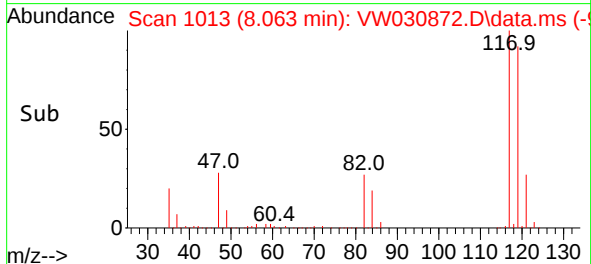
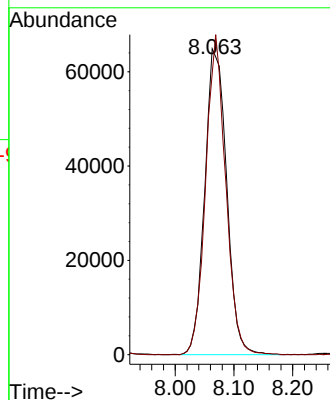
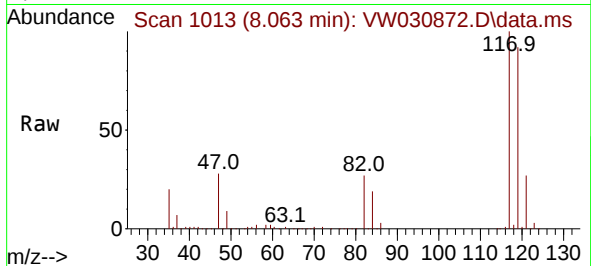




#31
Carbon tetrachloride
Concen: 22.897 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW030872.D
Acq: 31 Oct 2024 19:38

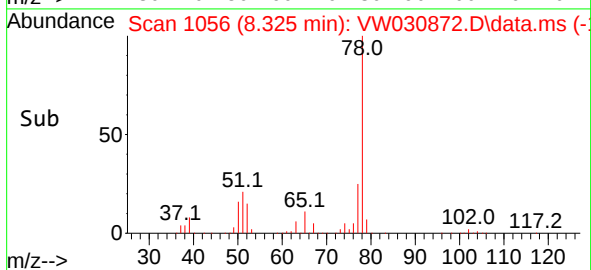
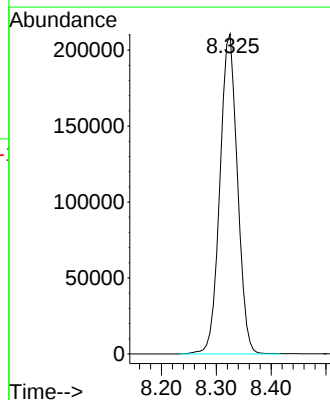
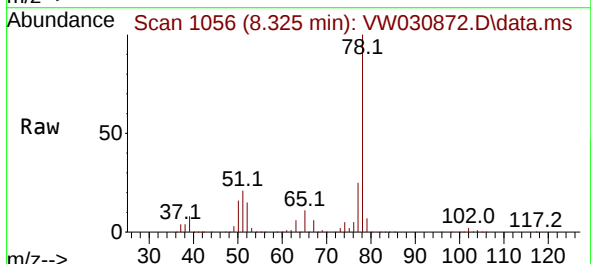
Instrument :
MSVOA_W
ClientSampleId :

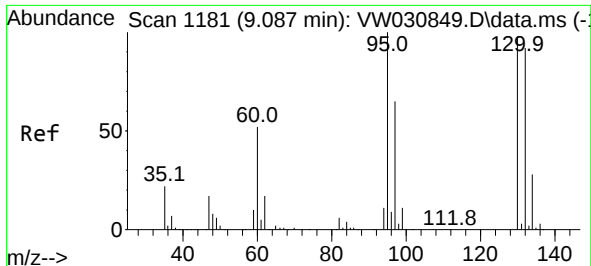
Tgt Ion:117 Resp: 168294
Ion Ratio Lower Upper
117 100
119 95.8 77.8 116.8



#33
Benzene
Concen: 23.248 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW030872.D
Acq: 31 Oct 2024 19:38

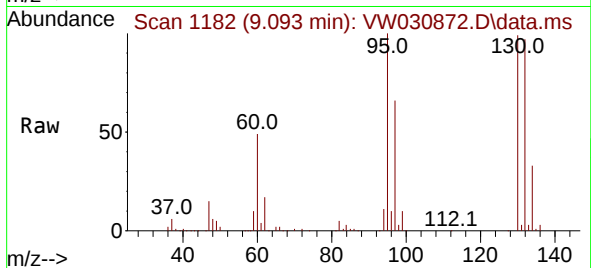
Tgt Ion: 78 Resp: 469004



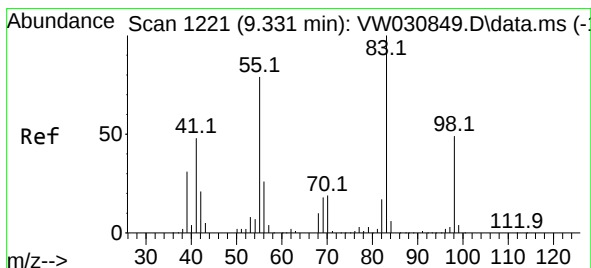
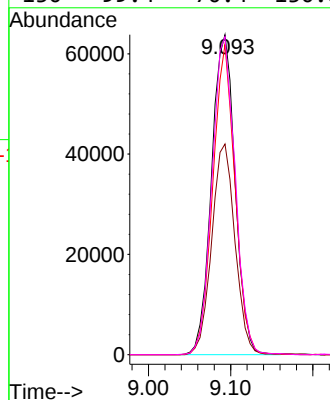
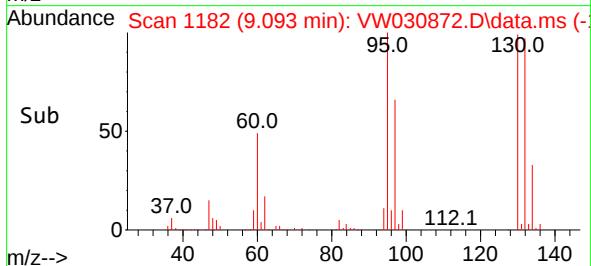


#34
Trichloroethene
Concen: 22.573 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW030872.D
Acq: 31 Oct 2024 19:38

Instrument :
MSVOA_W
ClientSampleId :

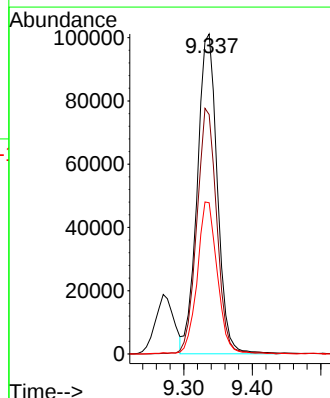
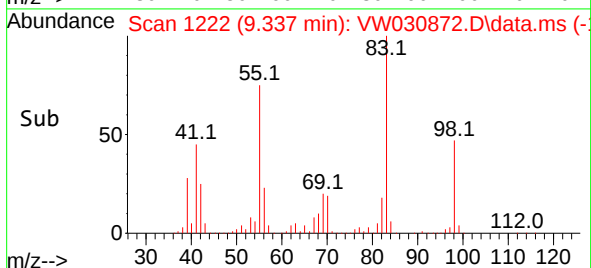
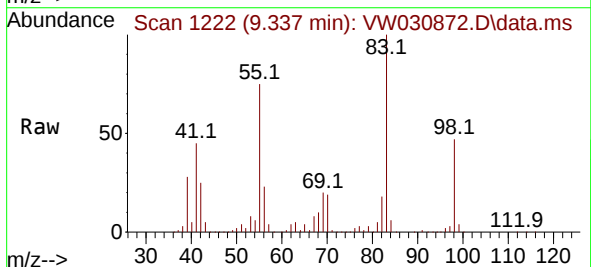


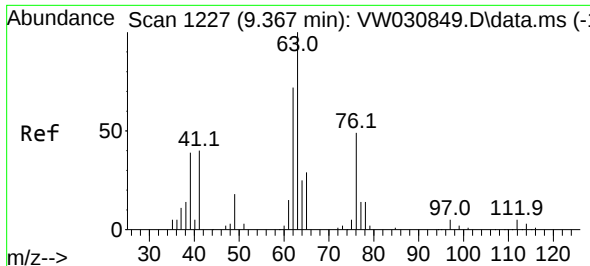
Tgt Ion: 95 Resp: 126692
Ion Ratio Lower Upper
95 100
97 65.9 45.9 85.3
132 97.0 66.4 123.2
130 99.4 70.4 130.8



#35
Methylcyclohexane
Concen: 23.293 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW030872.D
Acq: 31 Oct 2024 19:38

Tgt Ion: 83 Resp: 205742
Ion Ratio Lower Upper
83 100
55 75.9 61.8 92.8
98 47.4 39.3 58.9





#37

1,2-Dichloropropane

Concen: 23.725 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030872.D

Acq: 31 Oct 2024 19:38

Instrument :

MSVOA_W

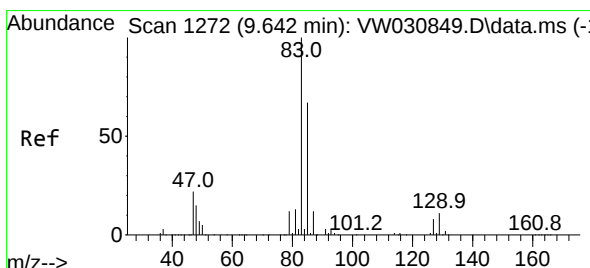
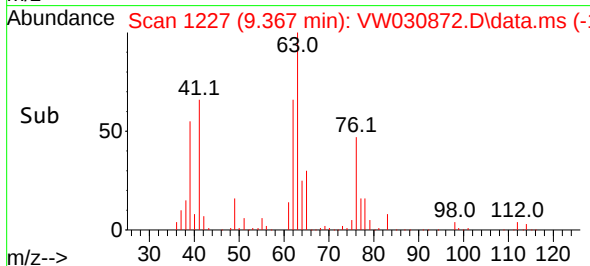
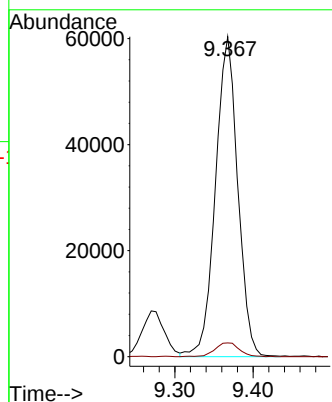
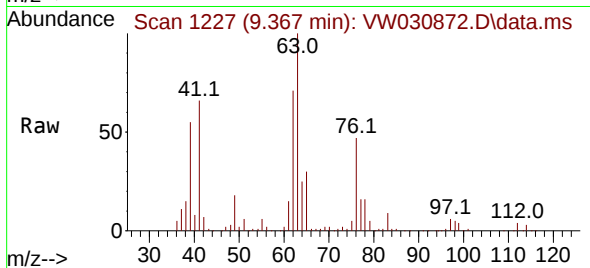
ClientSampleId :

Tgt Ion: 63 Resp: 119538

Ion Ratio Lower Upper

63 100

112 4.7 3.7 5.5



#38

Bromodichloromethane

Concen: 22.084 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030872.D

Acq: 31 Oct 2024 19:38

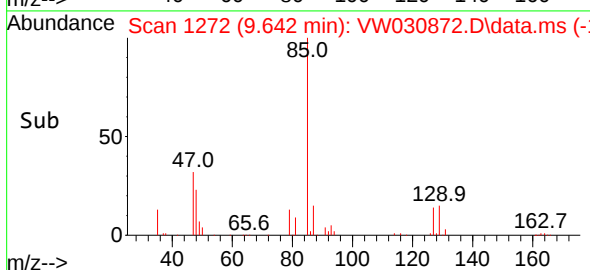
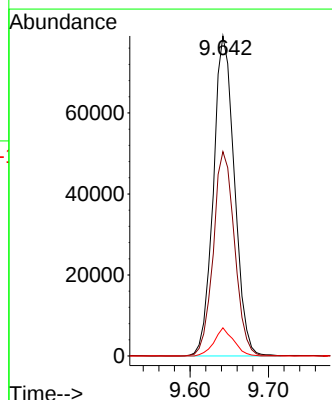
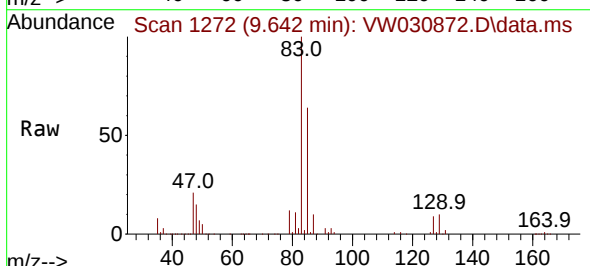
Tgt Ion: 83 Resp: 148041

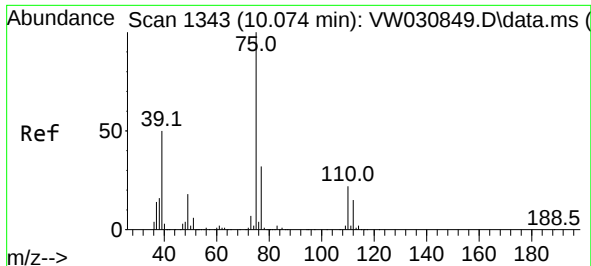
Ion Ratio Lower Upper

83 100

85 63.9 44.2 82.0

127 8.8 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 25.250 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW030872.D

Acq: 31 Oct 2024 19:38

Instrument :

MSVOA_W

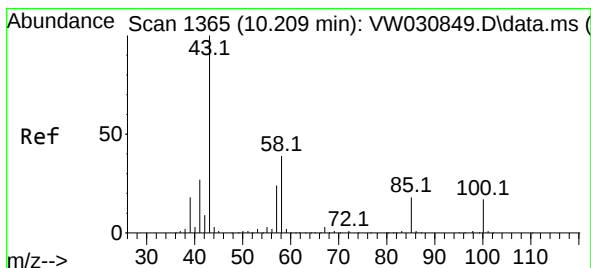
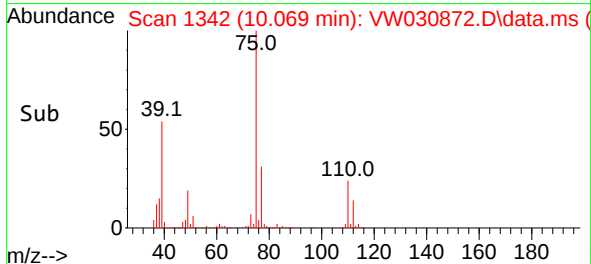
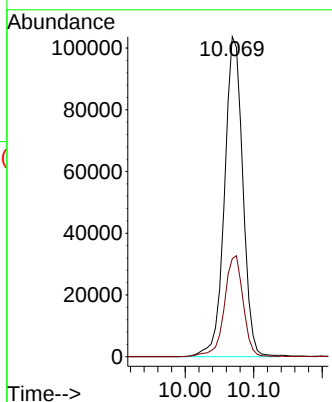
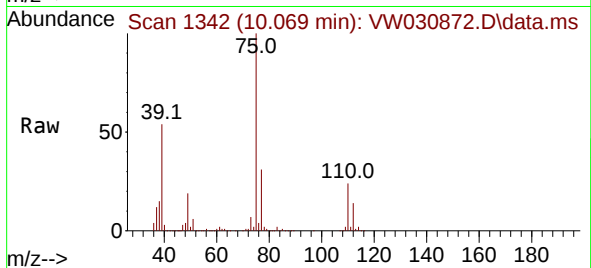
ClientSampleId :

Tgt Ion: 75 Resp: 191897

Ion Ratio Lower Upper

75 100

77 30.7 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 55.807 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030872.D

Acq: 31 Oct 2024 19:38

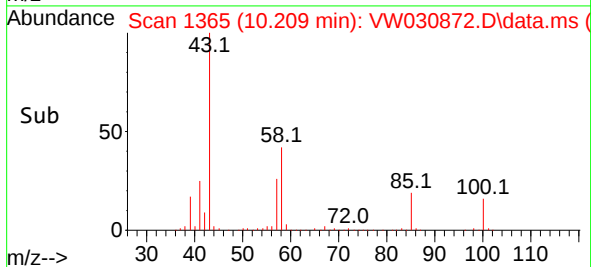
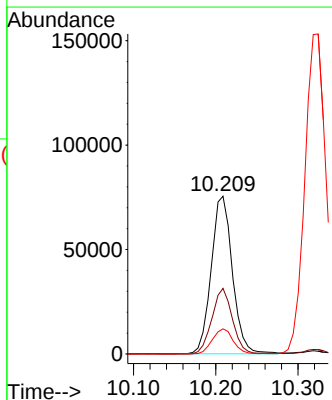
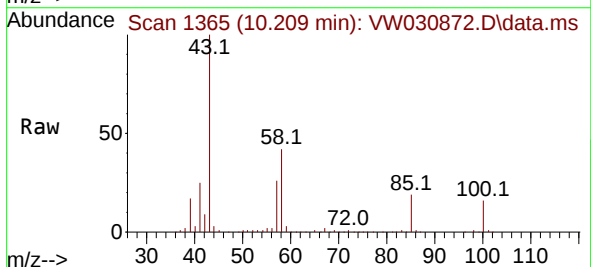
Tgt Ion: 43 Resp: 135083

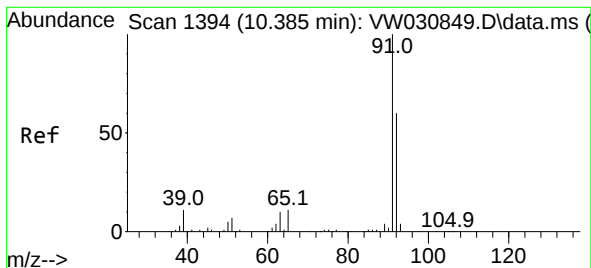
Ion Ratio Lower Upper

43 100

58 40.4 31.4 47.2

100 15.8 13.1 19.7





#42

Toluene

Concen: 24.494 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030872.D

Acq: 31 Oct 2024 19:38

Instrument :

MSVOA_W

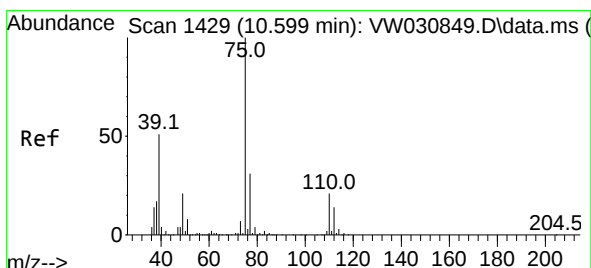
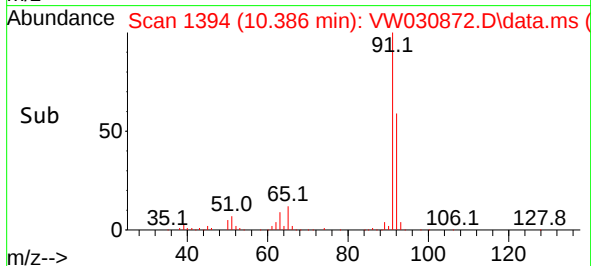
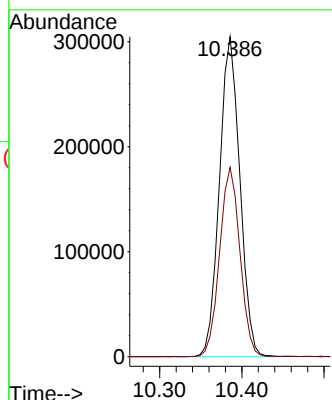
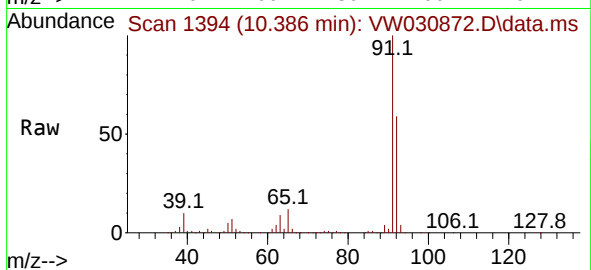
ClientSampleId :

Tgt Ion: 91 Resp: 527180

Ion Ratio Lower Upper

91 100

92 59.1 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 25.165 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VW030872.D

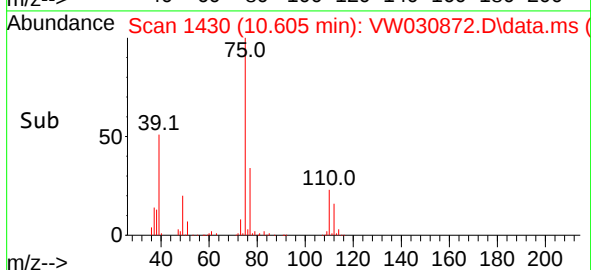
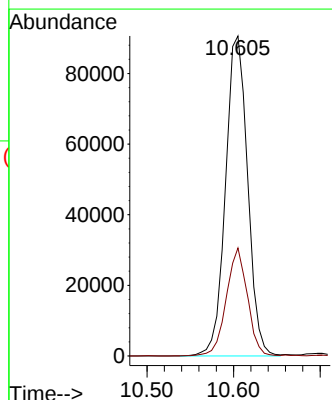
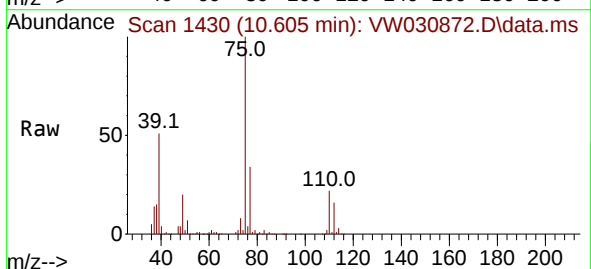
Acq: 31 Oct 2024 19:38

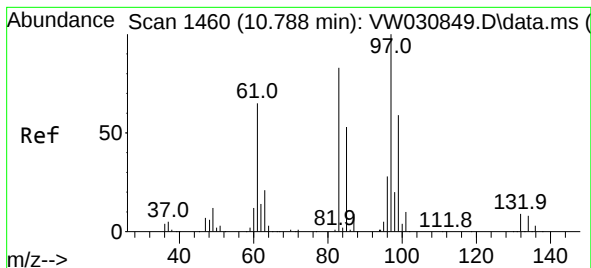
Tgt Ion: 75 Resp: 160716

Ion Ratio Lower Upper

75 100

77 33.8 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 25.052 ug/L

RT: 10.782 min Scan# 14

Delta R.T. -0.006 min

Lab File: VW030872.D

Acq: 31 Oct 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 91227

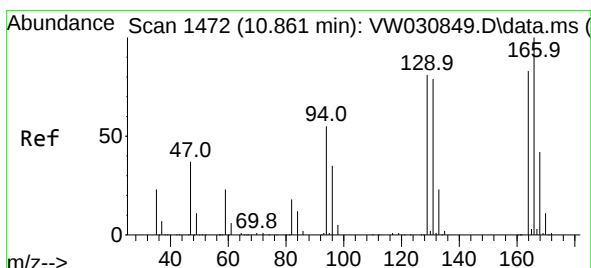
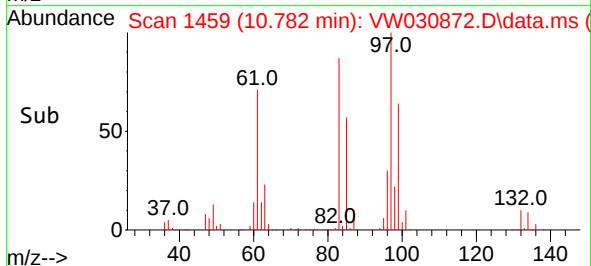
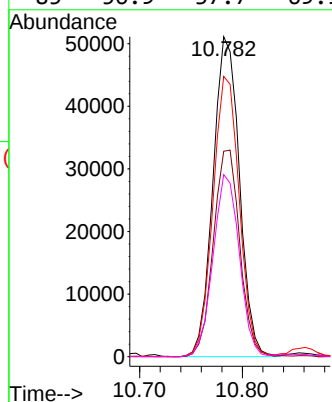
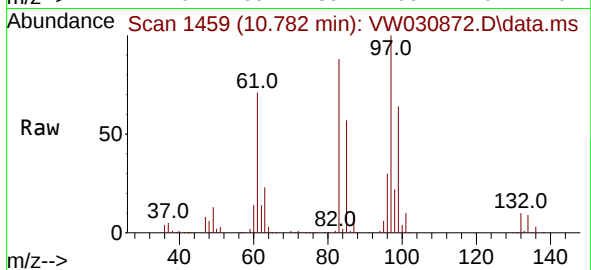
Ion Ratio Lower Upper

97 100

99 64.2 41.2 76.6

83 87.6 59.6 110.6

85 56.9 37.7 69.9



#46

Tetrachloroethene

Concen: 24.011 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030872.D

Acq: 31 Oct 2024 19:38

Tgt Ion:164 Resp: 99394

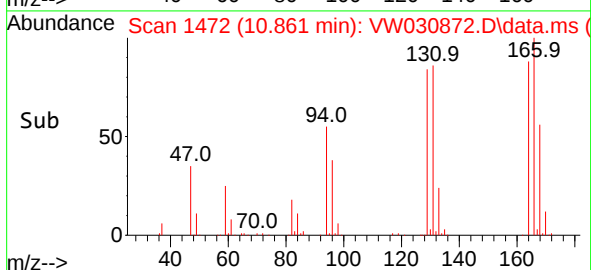
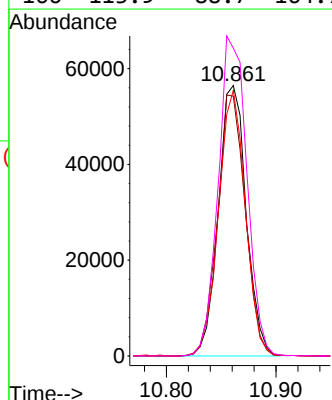
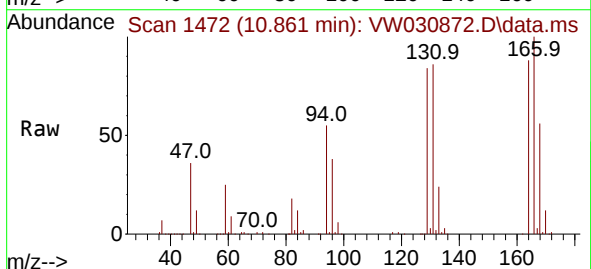
Ion Ratio Lower Upper

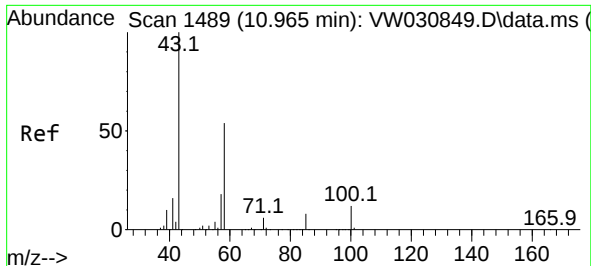
164 100

129 96.1 66.6 123.6

131 98.2 63.7 118.3

166 113.9 88.7 164.7

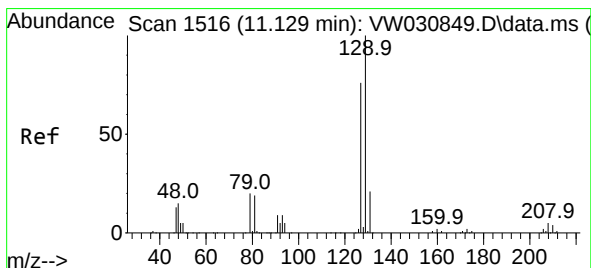
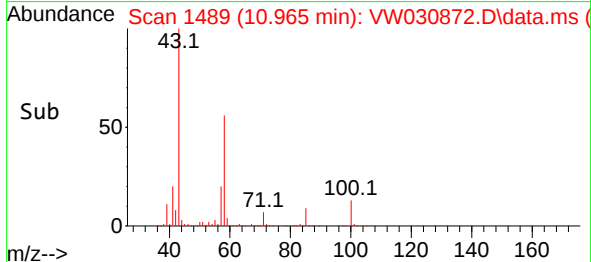
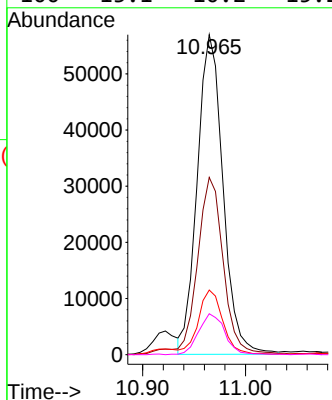
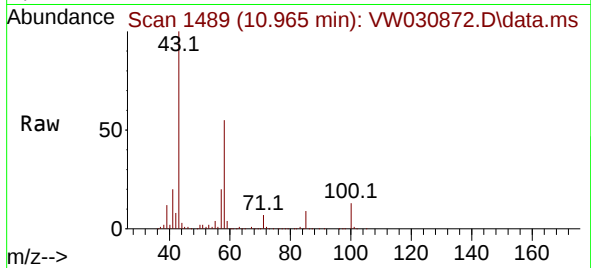




#48
2-Hexanone
Concen: 50.150 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030872.D
Acq: 31 Oct 2024 19:38

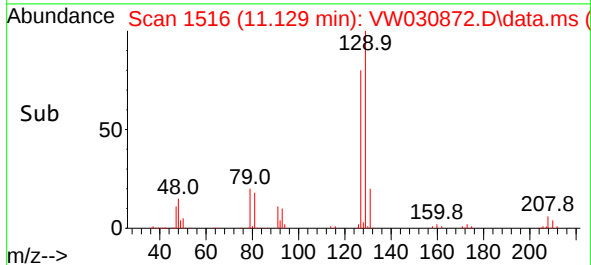
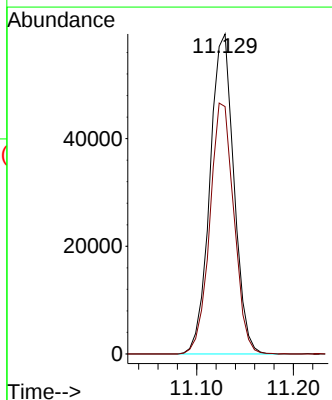
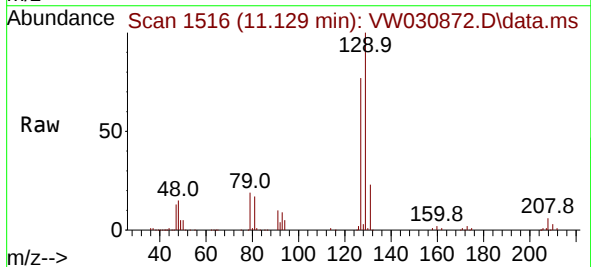
Instrument :
MSVOA_W
ClientSampleId :

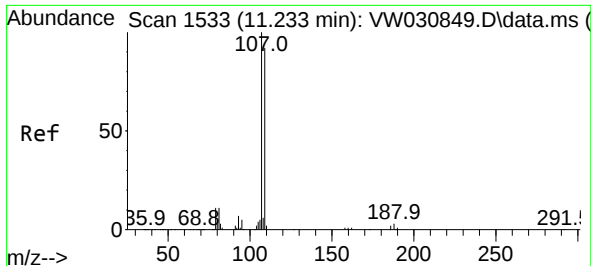
Tgt Ion: 43	Resp: 99270
Ion Ratio	Lower Upper
43	100
58	54.6 44.6 67.0
57	18.5 15.8 23.8
100	13.1 10.2 15.2



#49
Dibromochloromethane
Concen: 25.192 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW030872.D
Acq: 31 Oct 2024 19:38

Tgt Ion: 129	Resp: 102360
Ion Ratio	Lower Upper
129	100
127	77.3 56.5 104.9





#50

1,2-Dibromoethane

Concen: 25.706 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030872.D

Acq: 31 Oct 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :

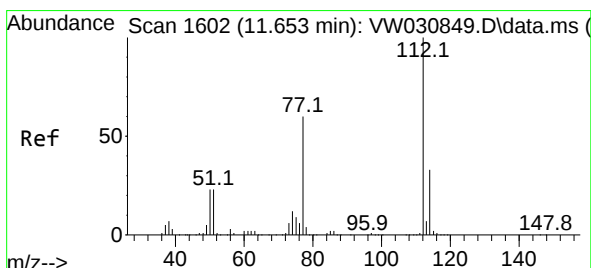
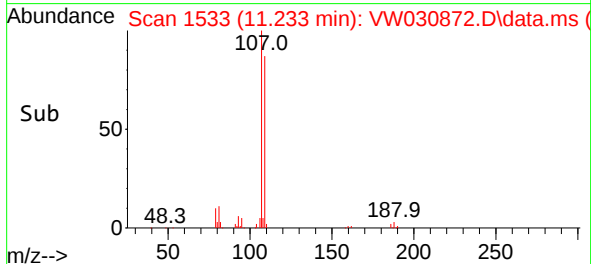
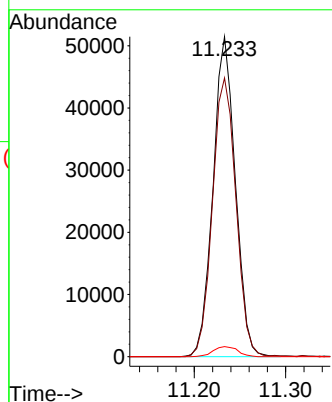
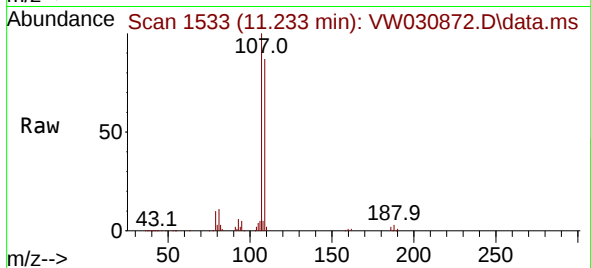
Tgt Ion:107 Resp: 87346

Ion Ratio Lower Upper

107 100

109 87.1 63.8 118.6

188 3.2 2.6 3.8



#51

Chlorobenzene

Concen: 23.747 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW030872.D

Acq: 31 Oct 2024 19:38

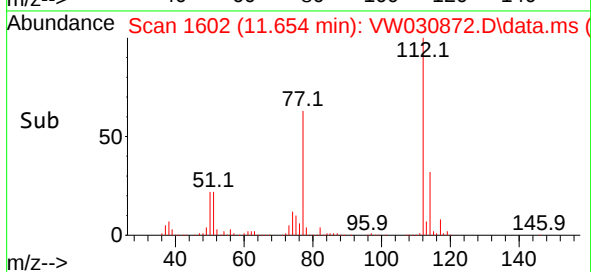
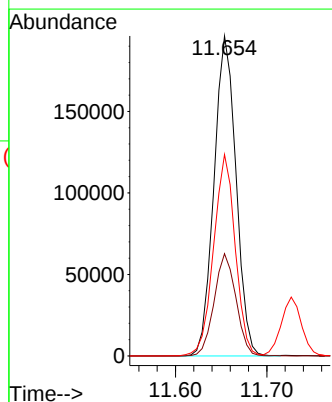
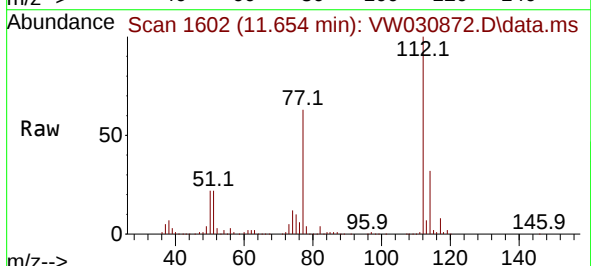
Tgt Ion:112 Resp: 329005

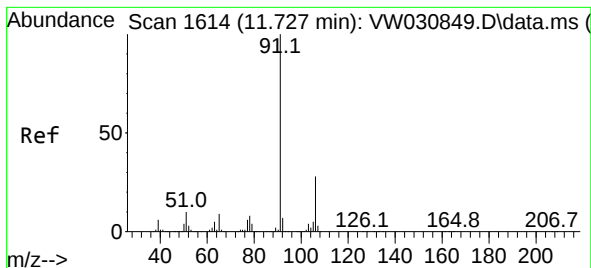
Ion Ratio Lower Upper

112 100

114 32.0 22.4 41.6

77 62.9 47.1 70.7

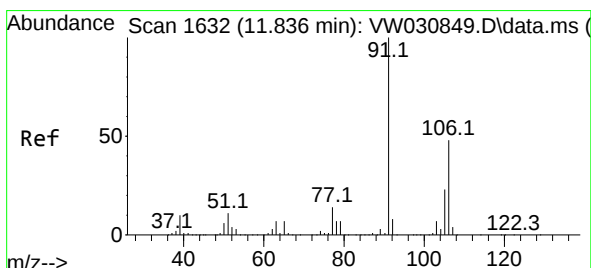
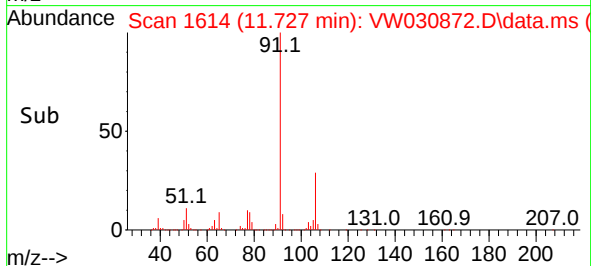
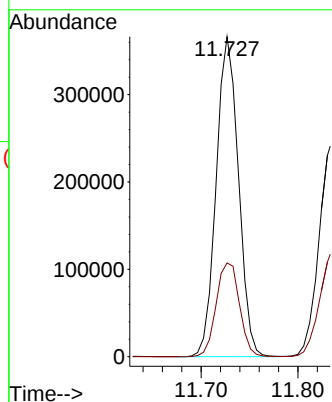
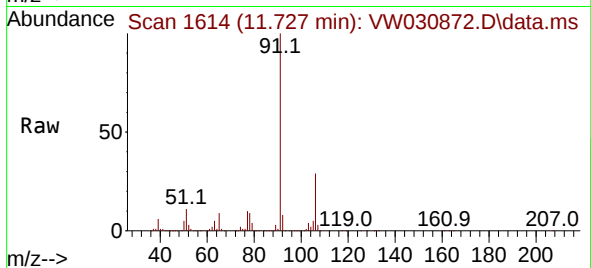




#52
Ethylbenzene
Concen: 23.837 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030872.D
Acq: 31 Oct 2024 19:38

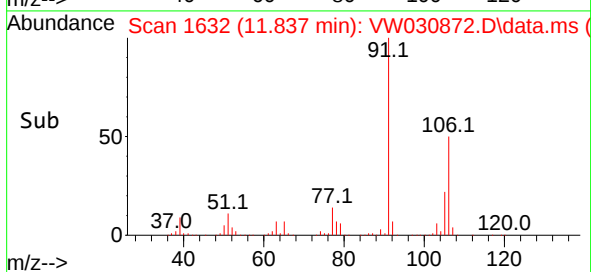
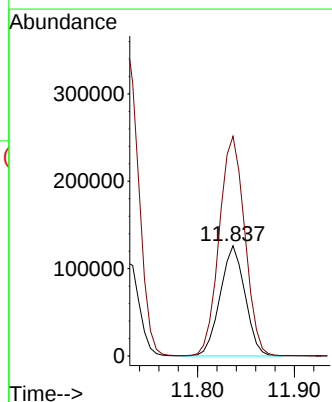
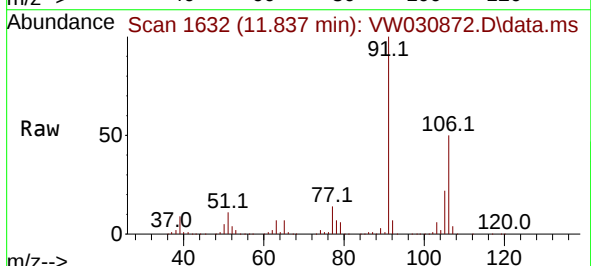
Instrument :
MSVOA_W
ClientSampleId :

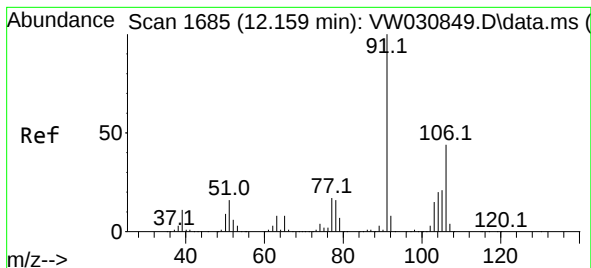
Tgt Ion: 91 Resp: 585411
Ion Ratio Lower Upper
91 100
106 29.3 21.1 39.1



#53
m,p-Xylene
Concen: 24.405 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030872.D
Acq: 31 Oct 2024 19:38

Tgt Ion:106 Resp: 224539
Ion Ratio Lower Upper
106 100
91 199.3 140.6 261.2





#54

o-Xylene

Concen: 23.984 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030872.D

Acq: 31 Oct 2024 19:38

Instrument :

MSVOA_W

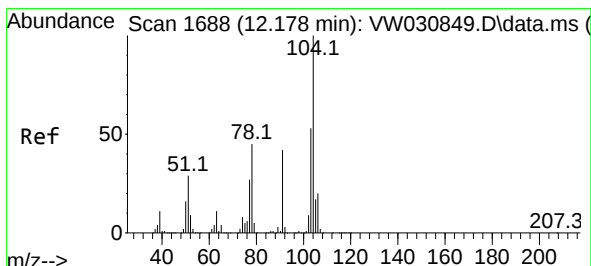
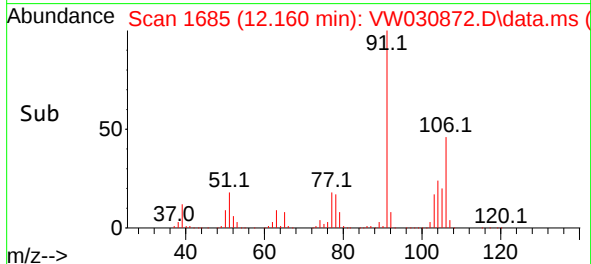
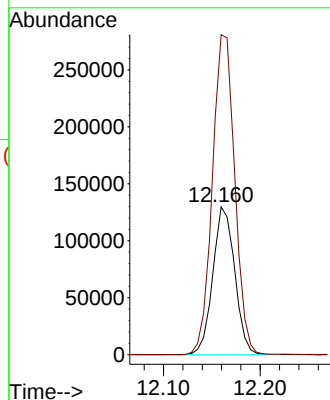
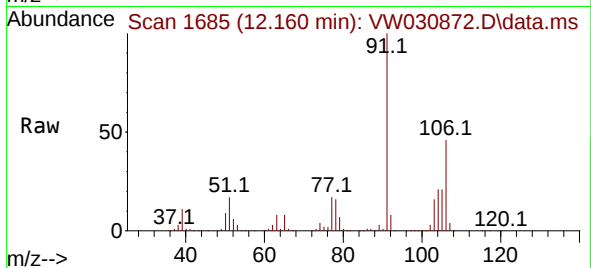
ClientSampleId :

Tgt Ion:106 Resp: 204014

Ion Ratio Lower Upper

106 100

91 216.5 144.5 268.4



#55

Styrene

Concen: 24.328 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030872.D

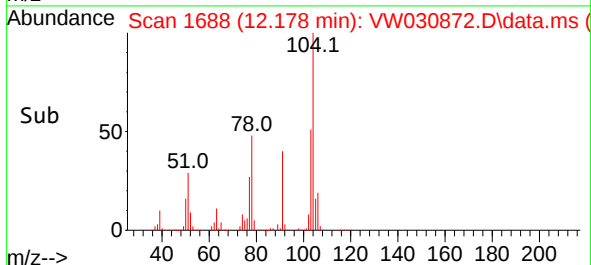
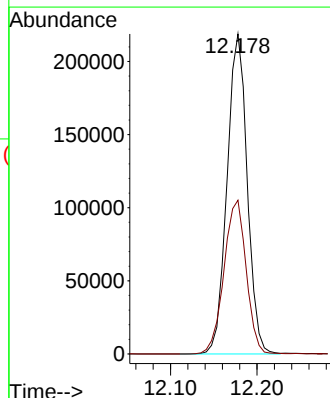
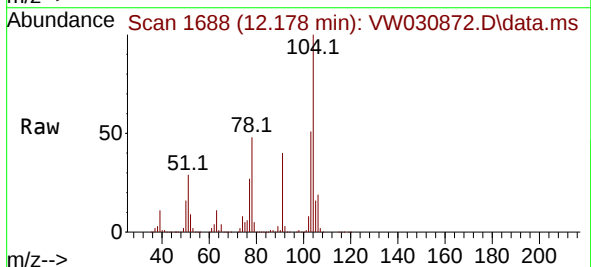
Acq: 31 Oct 2024 19:38

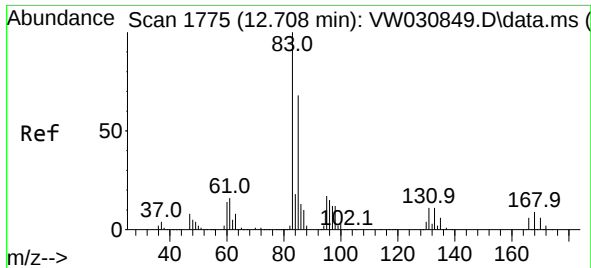
Tgt Ion:104 Resp: 353762

Ion Ratio Lower Upper

104 100

78 48.1 34.3 63.7

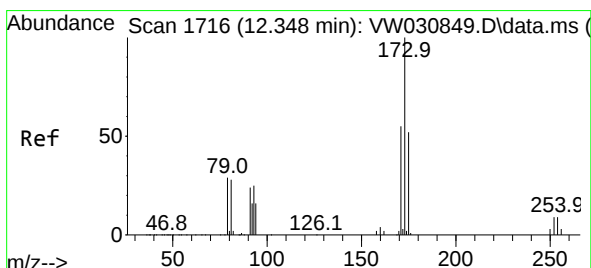
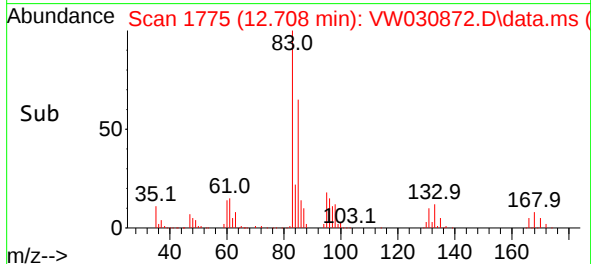
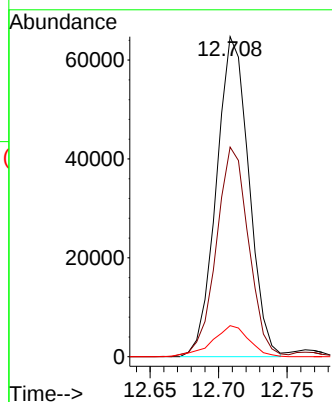
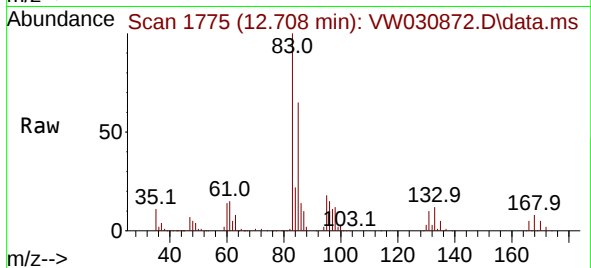




#57
1,1,2,2-Tetrachloroethane
Concen: 25.968 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW030872.D
Acq: 31 Oct 2024 19:38

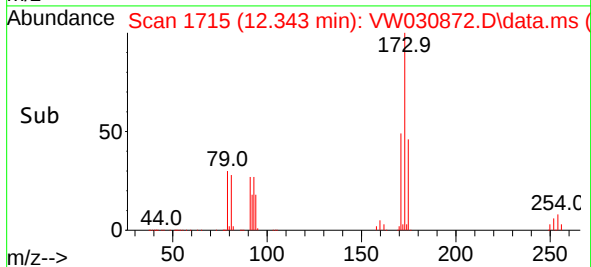
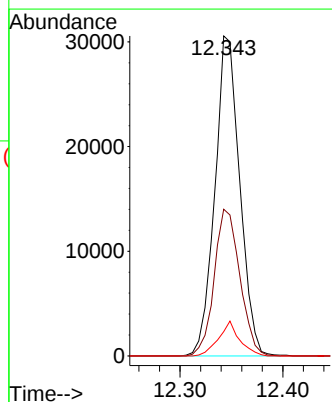
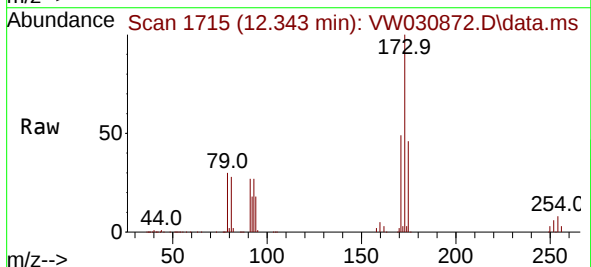
Instrument :
MSVOA_W
ClientSampleId :

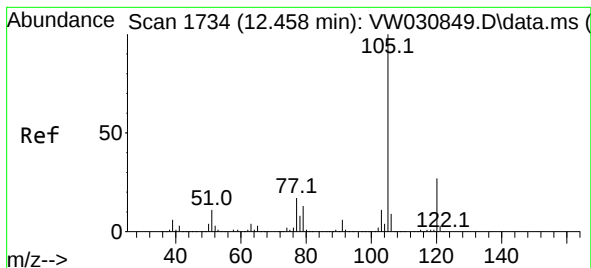
Tgt Ion: 83 Resp: 106638
Ion Ratio Lower Upper
83 100
85 65.5 42.6 79.2
131 9.7 7.4 11.0



#59
Bromoform
Concen: 25.007 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW030872.D
Acq: 31 Oct 2024 19:38

Tgt Ion:173 Resp: 51393
Ion Ratio Lower Upper
173 100
175 47.2 39.0 58.4
254 9.2 7.7 11.5





#60

Isopropylbenzene

Concen: 23.849 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030872.D

Acq: 31 Oct 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :

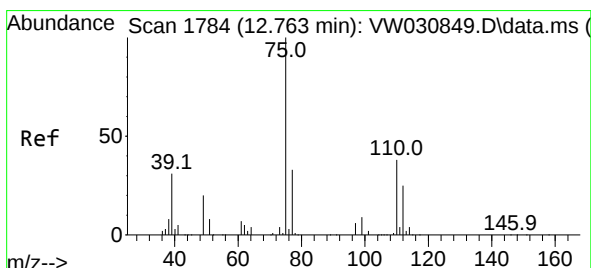
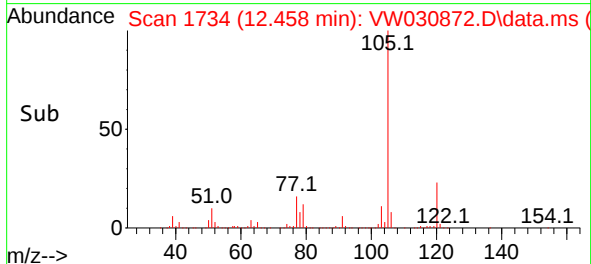
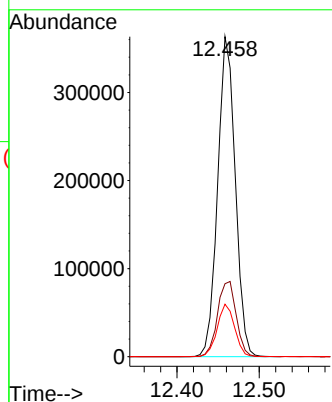
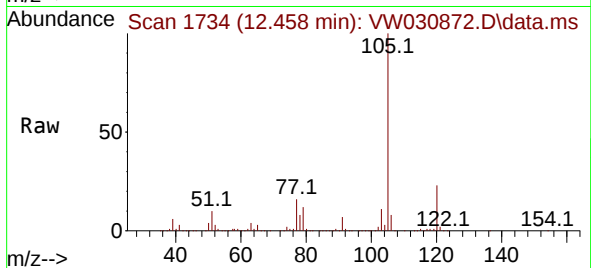
Tgt Ion:105 Resp: 540238

Ion Ratio Lower Upper

105 100

120 25.0 20.6 31.0

77 16.3 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 24.513 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW030872.D

Acq: 31 Oct 2024 19:38

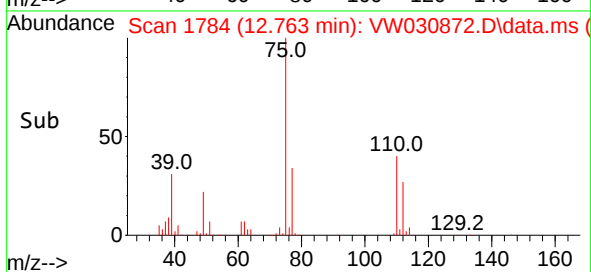
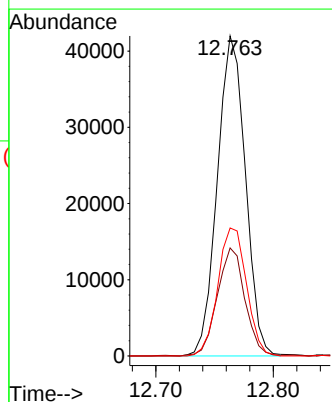
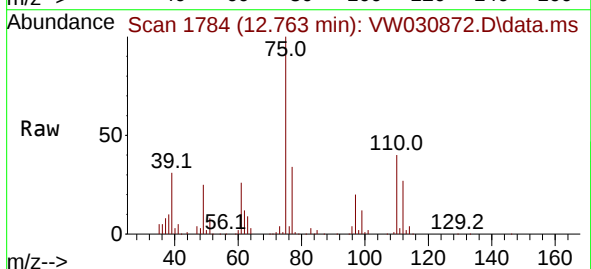
Tgt Ion: 75 Resp: 69774

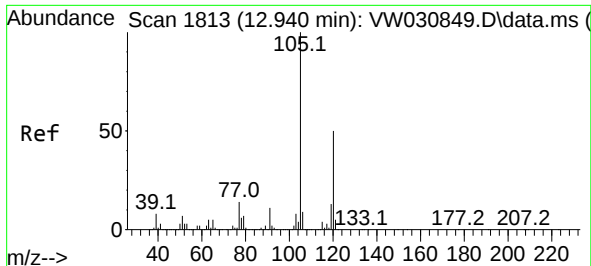
Ion Ratio Lower Upper

75 100

77 33.1 25.7 38.5

110 40.8 32.3 48.5

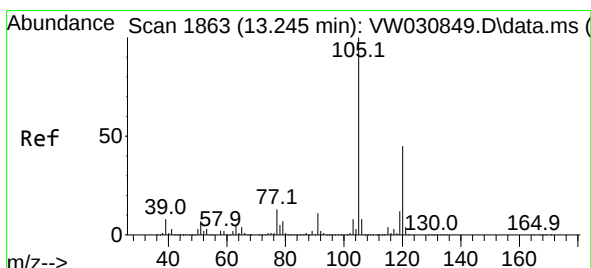
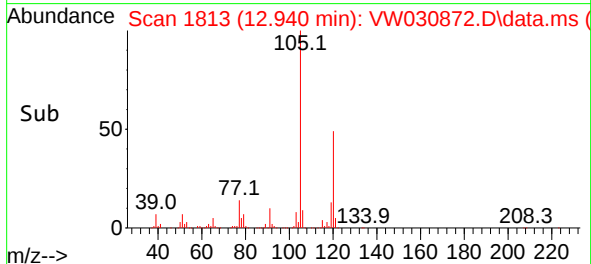
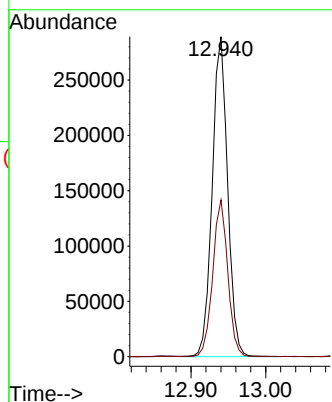
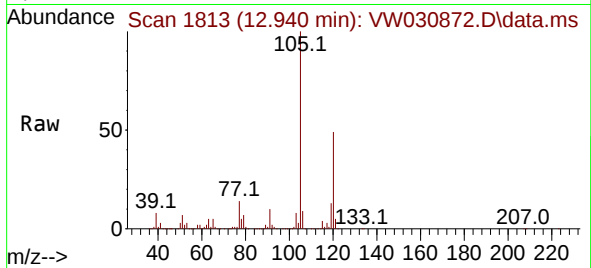




#62
1,3,5-Trimethylbenzene
Concen: 23.224 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030872.D
Acq: 31 Oct 2024 19:38

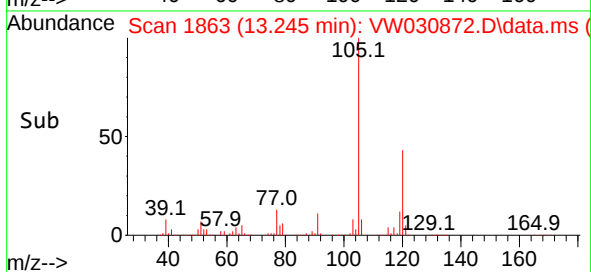
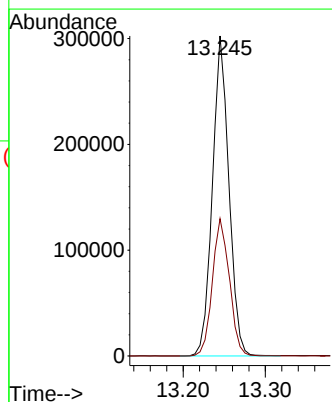
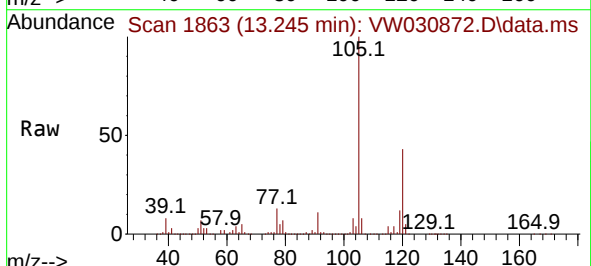
Instrument :
MSVOA_W
ClientSampleId :

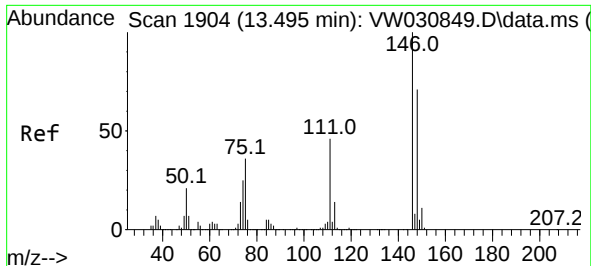
Tgt Ion:105 Resp: 415038
Ion Ratio Lower Upper
105 100
120 47.9 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 24.071 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030872.D
Acq: 31 Oct 2024 19:38

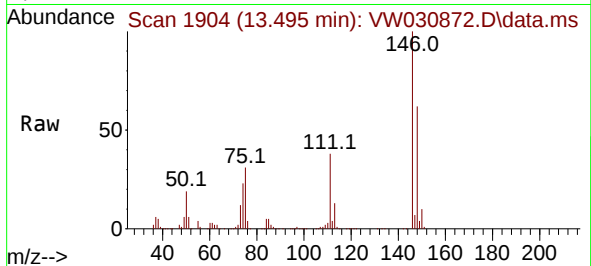
Tgt Ion:105 Resp: 421191
Ion Ratio Lower Upper
105 100
120 44.2 35.8 53.6



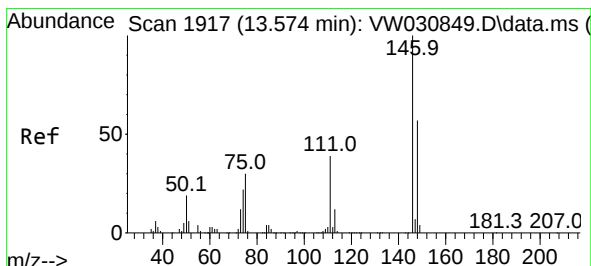
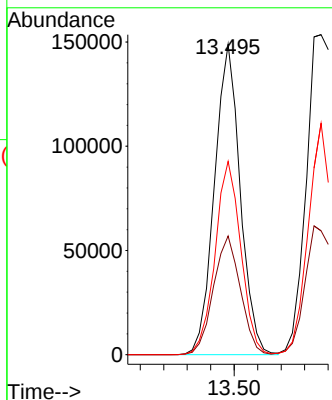
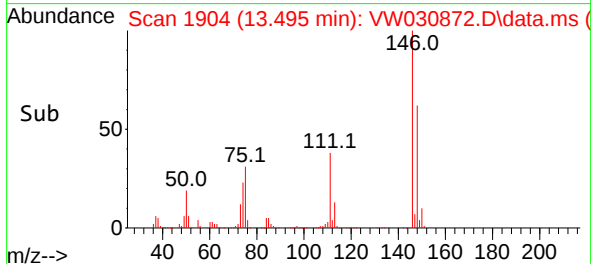


#64
1,3-Dichlorobenzene
Concen: 23.003 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030872.D
Acq: 31 Oct 2024 19:38

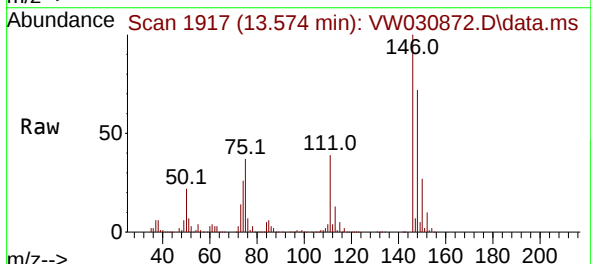
Instrument :
MSVOA_W
ClientSampleId :



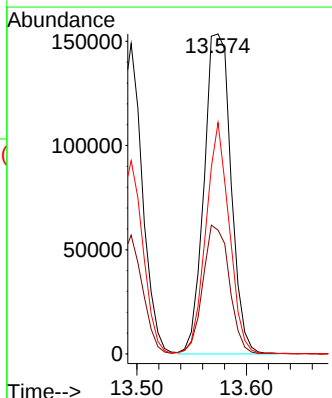
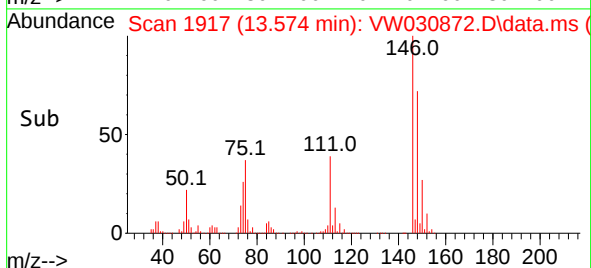
Tgt Ion:146 Resp: 226812
Ion Ratio Lower Upper
146 100
111 38.2 31.2 58.0
148 62.3 45.7 84.9

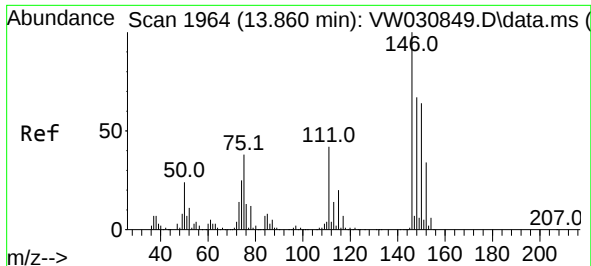


#65
1,4-Dichlorobenzene
Concen: 25.804 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030872.D
Acq: 31 Oct 2024 19:38



Tgt Ion:146 Resp: 262720
Ion Ratio Lower Upper
146 100
111 38.7 26.8 49.8
148 72.3 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 25.900 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW030872.D

Acq: 31 Oct 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :

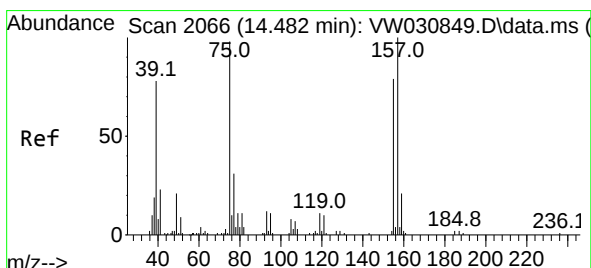
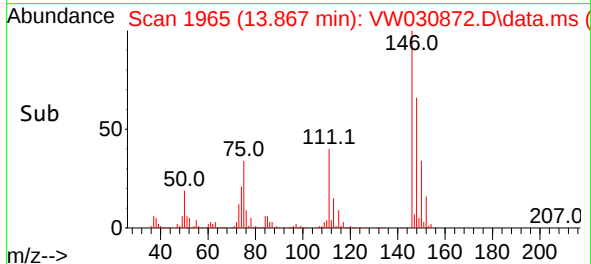
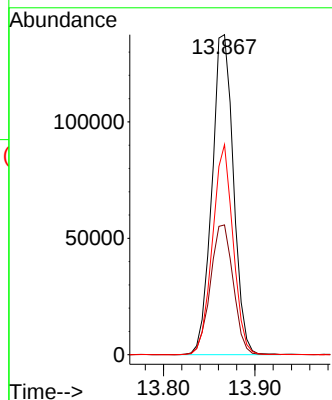
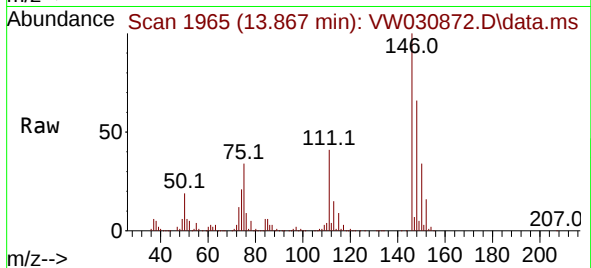
Tgt Ion:146 Resp: 224728

Ion Ratio Lower Upper

146 100

111 40.5 34.6 52.0

148 65.7 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 22.657 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW030872.D

Acq: 31 Oct 2024 19:38

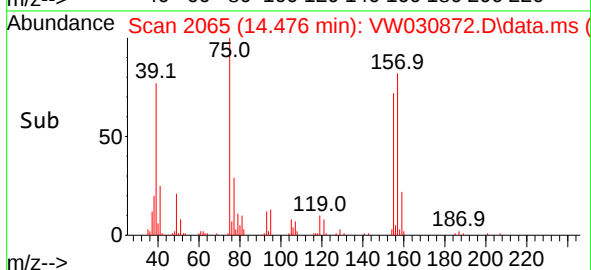
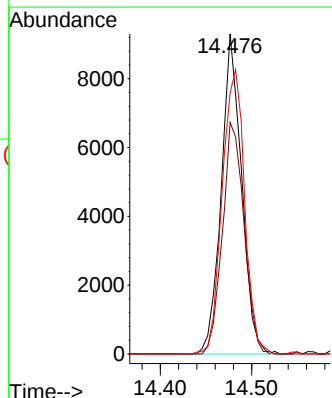
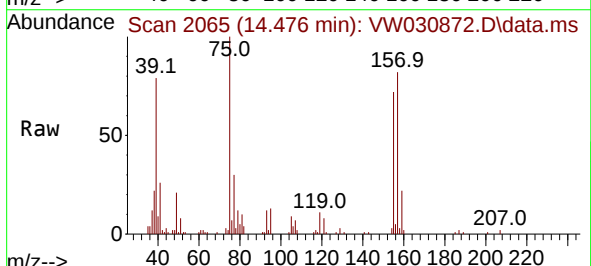
Tgt Ion: 75 Resp: 14380

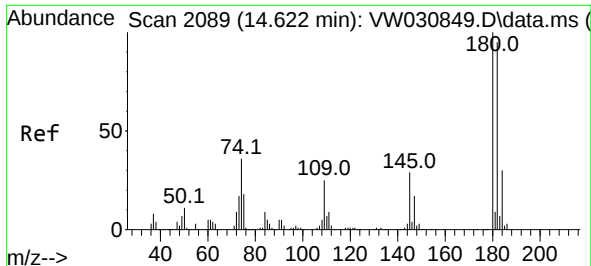
Ion Ratio Lower Upper

75 100

155 72.4 57.9 86.9

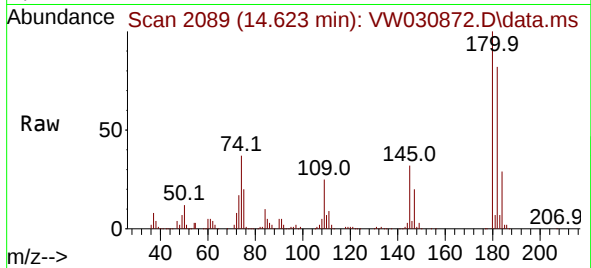
157 81.6 69.0 103.6



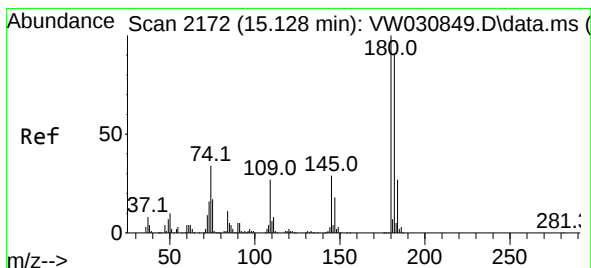
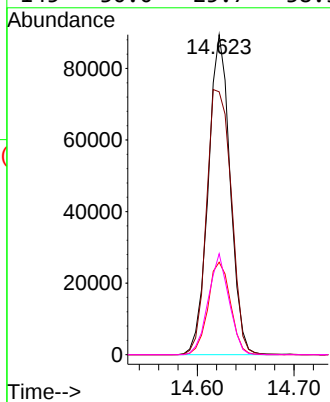
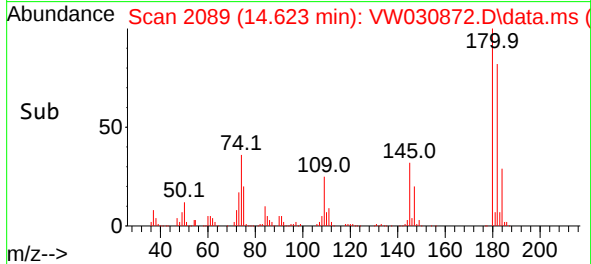


#69
 1,3,5-Trichlorobenzene
 Concen: 21.604 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW030872.D
 Acq: 31 Oct 2024 19:38

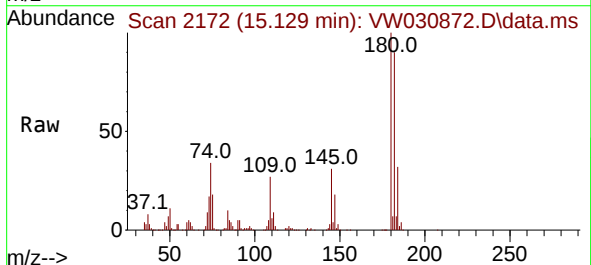
Instrument :
 MSVOA_W
 ClientSampleId :



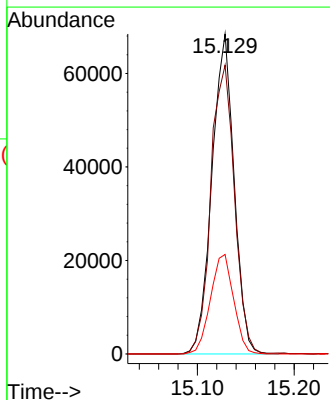
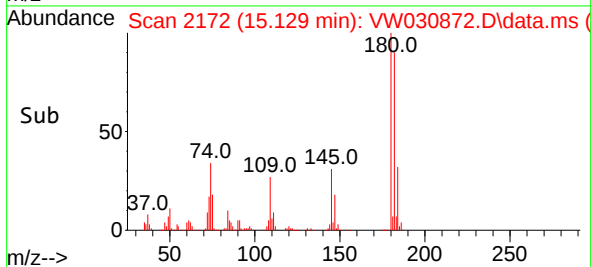
Tgt Ion:	180	Resp:	140474
Ion Ratio	Lower	Upper	
180	100		
182	93.5	79.9	119.9
184	29.7	25.2	37.8
145	30.0	25.7	38.5

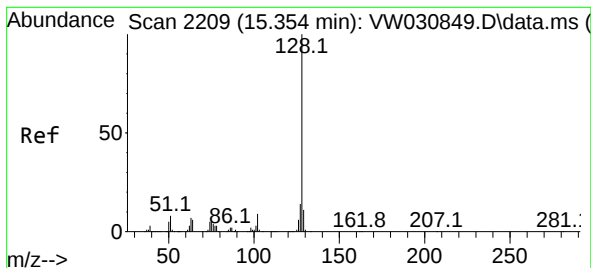


#70
 1,2,4-trichlorobenzene
 Concen: 20.870 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: VW030872.D
 Acq: 31 Oct 2024 19:38



Tgt Ion:	180	Resp:	109241
Ion Ratio	Lower	Upper	
180	100		
182	95.9	75.2	112.8
145	32.4	25.4	38.2





#71

Naphthalene

Concen: 24.473 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW030872.D

Acq: 31 Oct 2024 19:38

Instrument :

MSVOA_W

ClientSampleId :

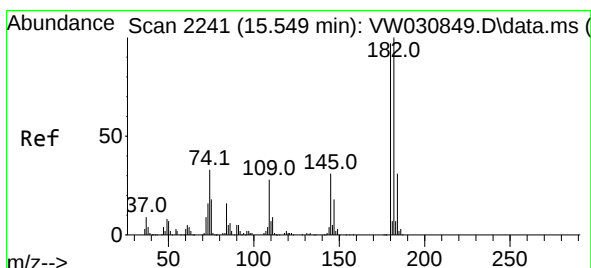
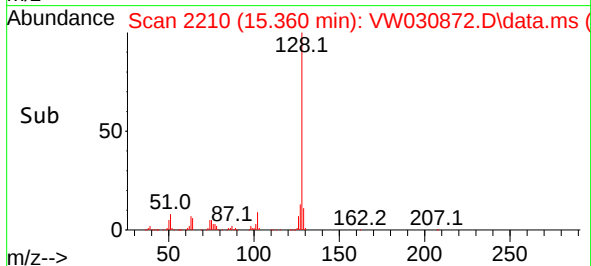
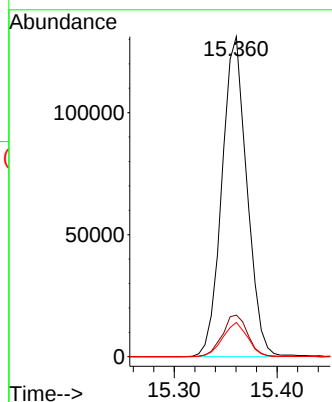
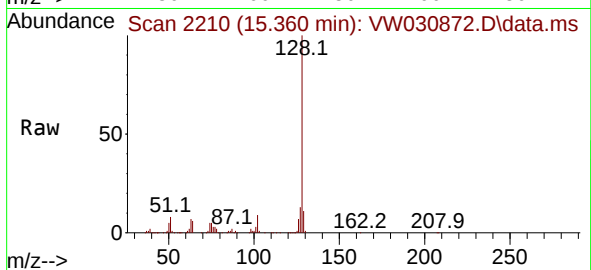
Tgt Ion:128 Resp: 221319

Ion Ratio Lower Upper

128 100

127 13.3 10.9 16.3

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 22.963 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030872.D

Acq: 31 Oct 2024 19:38

Tgt Ion:180 Resp: 104202

Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.4

145 33.0 27.4 41.2

