

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102324\
 Data File : VW030734.D
 Acq On : 23 Oct 2024 19:16
 Operator : SY/MD
 Sample : P4436-17MS
 Misc : 5.69g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4F40MS

Quant Time: Oct 24 01:40:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 24 01:34:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	411774	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	329435	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	122712	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	70496	10.892	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	43.560%
7) Chloroethane-d5	2.905	69	76864	15.689	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.760%
11) 1,1-Dichloroethene-d2	4.027	65	30484	11.324	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.280%
21) 2-Butanone-d5	7.075	46	57354	49.239	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.480%
24) Chloroform-d	7.654	84	243769	20.701	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	8.306	65	124213	20.285	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.120%
32) Benzene-d6	8.276	84	352502	18.436	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.760%
36) 1,2-Dichloropropane-d6	9.276	67	130341	23.225	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.920%
41) Toluene-d8	10.324	98	274652	15.735	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	62.960%
43) trans-1,3-Dichloroprop...	10.574	79	44259	18.834	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.320%
47) 2-Hexanone-d5	10.922	63	43318	59.929	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.860%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	106021	25.724	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	88614	21.342	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	71748	13.638	ug/L	95
3) Chloromethane	2.222	50	83985	13.735	ug/L	99
5) Vinyl chloride	2.375	62	109670	14.585	ug/L	98
6) Bromomethane	2.789	94	72335	14.615	ug/L	96
8) Chloroethane	2.936	64	73365	15.960	ug/L	100
9) Trichlorofluoromethane	3.271	101	99258	14.752	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	92997	15.363	ug/L #	76
12) 1,1-Dichloroethene	4.045	96	82065	14.855	ug/L	90
13) Acetone	4.118	43	44918	26.340	ug/L	96
14) Carbon disulfide	4.393	76	202390	11.219	ug/L	99
15) Methyl Acetate	4.673	43	30644	14.547	ug/L	98
16) Methylene chloride	4.923	84	95133	15.282	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	87409	14.663	ug/L	95
18) Methyl tert-butyl Ether	5.435	73	146605	17.572	ug/L	99
19) 1,1-Dichloroethane	6.222	63	183511	16.563	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	102390	16.103	ug/L	97
22) 2-Butanone	7.166	43	47035	25.588	ug/L	97
23) Bromochloromethane	7.520	128	42583	15.309	ug/L	95
25) Chloroform	7.679	83	196502	16.596	ug/L	96

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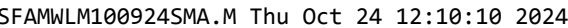
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 ClientSampleId :
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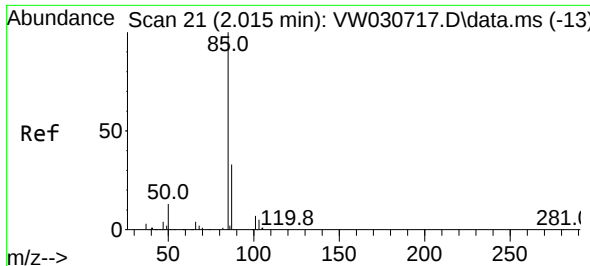
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	120764	15.460	ug/L	100
29) Cyclohexane	7.959	56	123857	15.445	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	150532	17.213	ug/L	99
31) Carbon tetrachloride	8.075	117	128383	16.437	ug/L	99
33) Benzene	8.325	78	379237	17.690	ug/L	100
34) Trichloroethene	9.093	95	95607	16.030	ug/L	98
35) Methylcyclohexane	9.337	83	133542	14.227	ug/L	99
37) 1,2-Dichloropropane	9.367	63	101283	18.916	ug/L	100
38) Bromodichloromethane	9.648	83	128931	18.099	ug/L	97
39) cis-1,3-Dichloropropene	10.074	75	135477	16.775	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	95402	37.089	ug/L	99
42) Toluene	10.385	91	469234	20.516	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	109540	16.141	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	68376	17.670	ug/L	97
46) Tetrachloroethene	10.861	164	58734	13.352	ug/L	98
48) 2-Hexanone	10.965	43	65065	30.931	ug/L	96
49) Dibromochloromethane	11.129	129	72477	16.786	ug/L	90
50) 1,2-Dibromoethane	11.233	107	59231	16.404	ug/L	99
51) Chlorobenzene	11.653	112	224017	15.215	ug/L	98
52) Ethylbenzene	11.727	91	379070	14.525	ug/L	97
53) m,p-Xylene	11.836	106	138721	14.188	ug/L	99
54) o-Xylene	12.166	106	134611	14.892	ug/L	90
55) Styrene	12.178	104	226383	14.650	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.714	83	71918	16.481	ug/L	99
59) Bromoform	12.348	173	34852	20.215	ug/L	98
60) Isopropylbenzene	12.458	105	338467	17.811	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	51170	21.429	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	248685	16.587	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	253846	17.293	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	130199	15.740	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	128497	15.045	ug/L	96
67) 1,2-Dichlorobenzene	13.866	146	119401	16.404	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	9715	18.247	ug/L	92
69) 1,3,5-Trichlorobenzene	14.622	180	67304	12.339	ug/L	94
70) 1,2,4-trichlorobenzene	15.128	180	44766	10.195	ug/L	98
71) Naphthalene	15.360	128	92874	12.242	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	36682	9.636	ug/L	96

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

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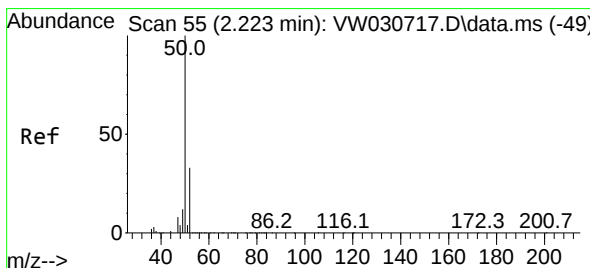
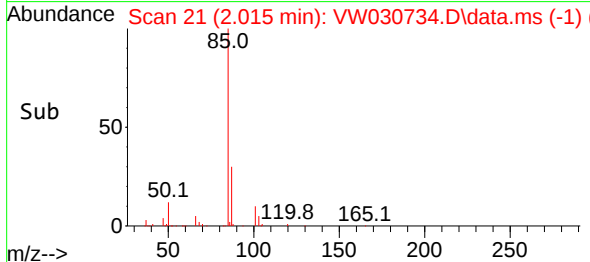
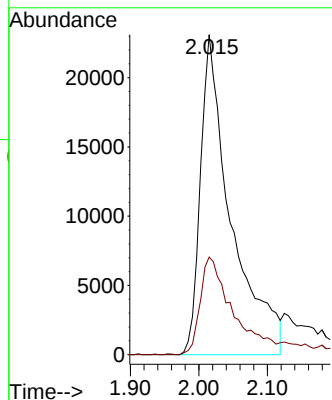
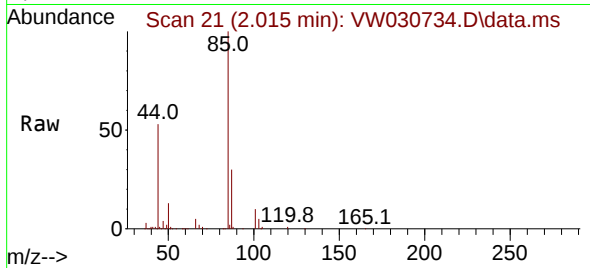




#2
Dichlorodifluoromethane
Concen: 13.638 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW030734.D
Acq: 23 Oct 2024 19:16

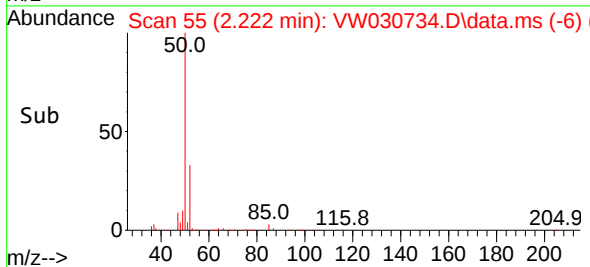
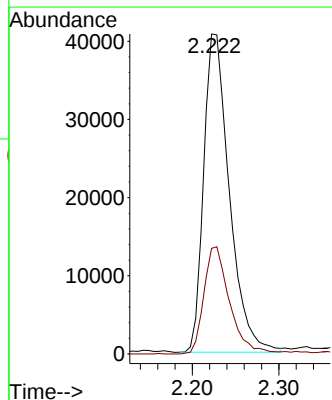
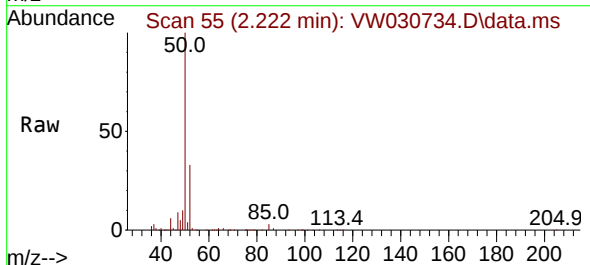
Instrument :
MSVOA_W
ClientSampleId :
A4F40MS

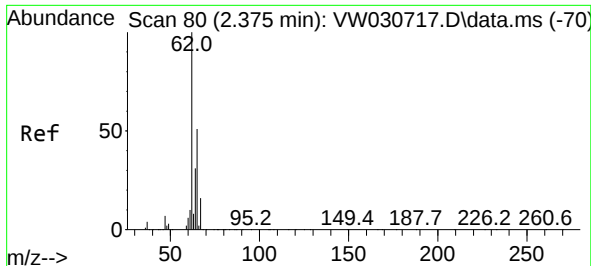
Tgt Ion: 85 Resp: 71748
Ion Ratio Lower Upper
85 100
87 32.5 23.8 35.6



#3
Chloromethane
Concen: 13.735 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW030734.D
Acq: 23 Oct 2024 19:16

Tgt Ion: 50 Resp: 83985
Ion Ratio Lower Upper
50 100
52 33.0 23.7 43.9

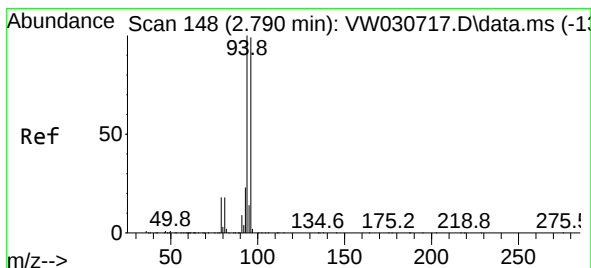
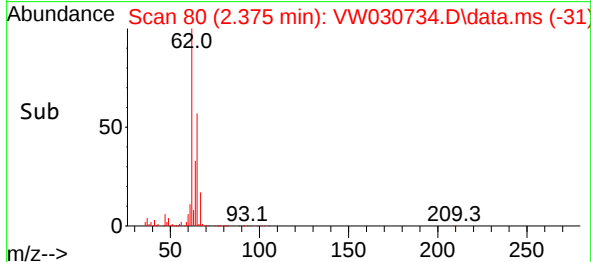
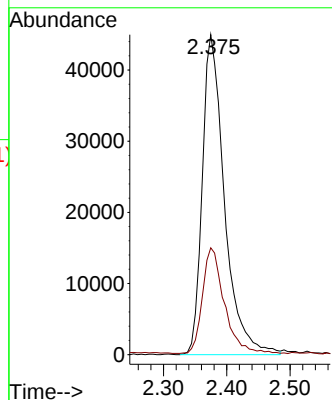
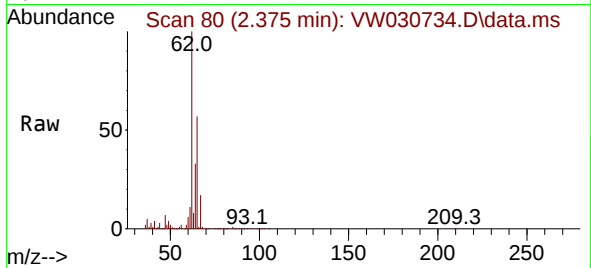




#5
 Vinyl chloride
 Concen: 14.585 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW030734.D
 Acq: 23 Oct 2024 19:16

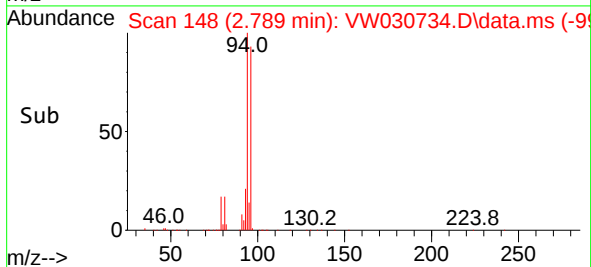
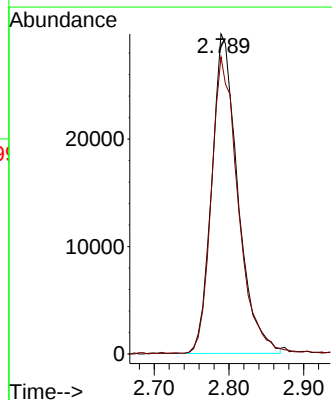
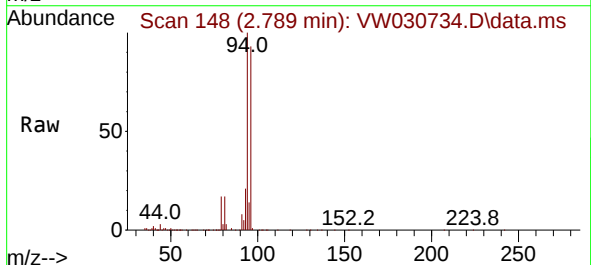
Instrument :
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 ClientSampleId :
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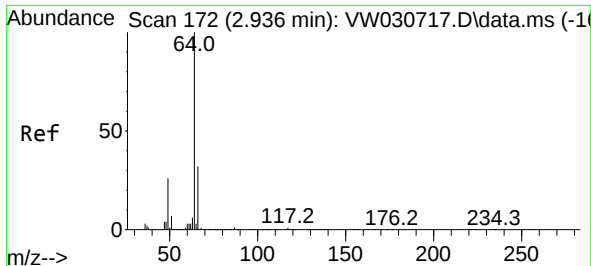
Tgt Ion: 62 Resp: 109670
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.6 42.0



#6
 Bromomethane
 Concen: 14.615 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW030734.D
 Acq: 23 Oct 2024 19:16

Tgt Ion: 94 Resp: 72335
 Ion Ratio Lower Upper
 94 100
 96 92.8 62.6 116.2

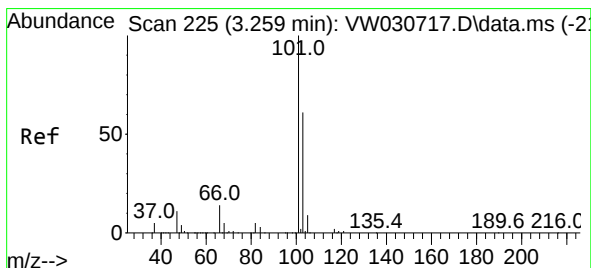
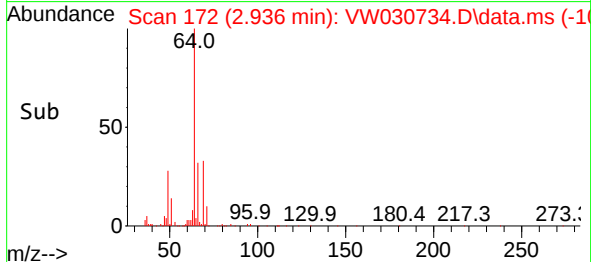
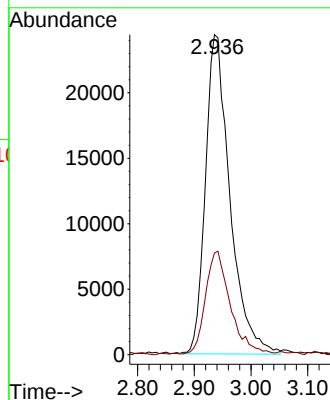
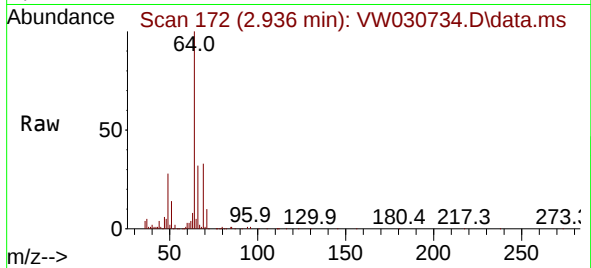




#8
Chloroethane
Concen: 15.960 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW030734.D
Acq: 23 Oct 2024 19:16

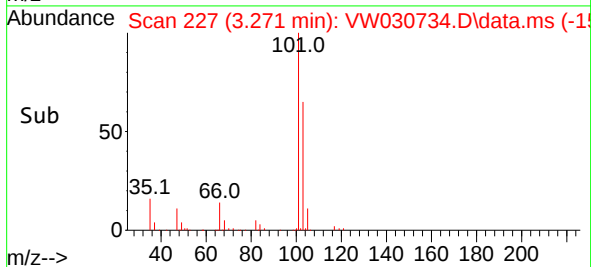
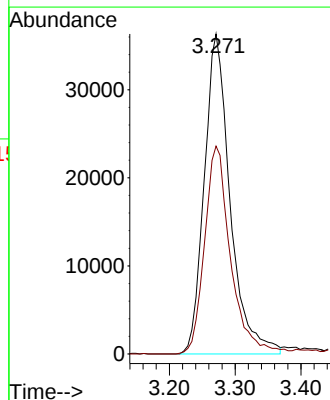
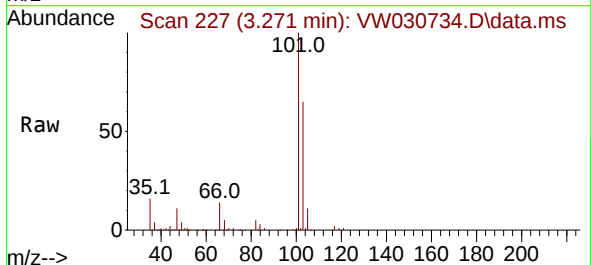
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ClientSampleId :
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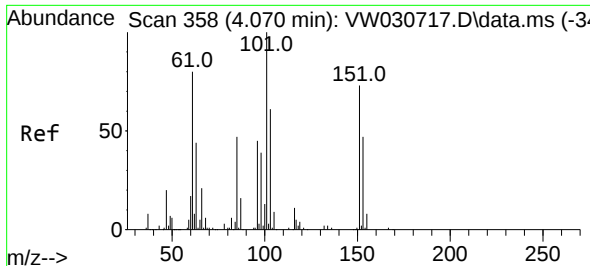
Tgt Ion: 64 Resp: 73365
Ion Ratio Lower Upper
64 100
66 31.7 22.3 41.5



#9
Trichlorofluoromethane
Concen: 14.752 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.012 min
Lab File: VW030734.D
Acq: 23 Oct 2024 19:16

Tgt Ion:101 Resp: 99258
Ion Ratio Lower Upper
101 100
103 65.4 51.1 76.7

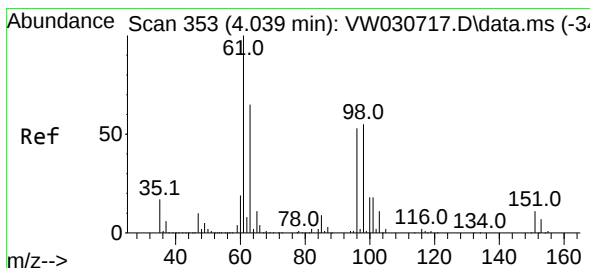
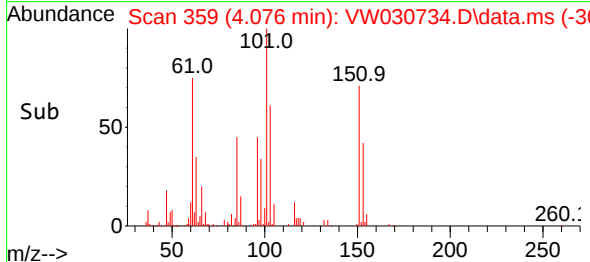
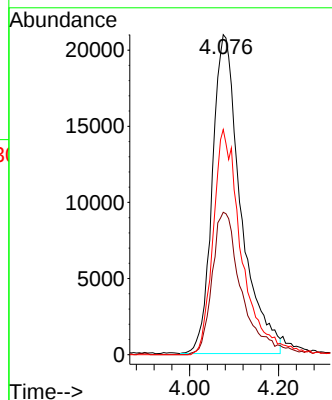
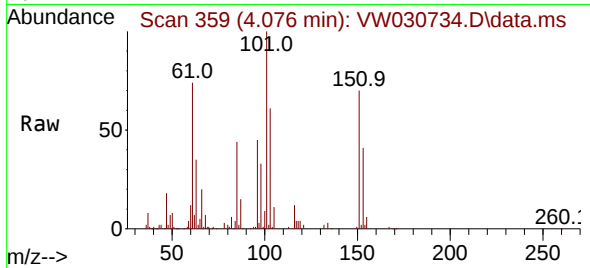




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 15.363 ug/L
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW030734.D
 Acq: 23 Oct 2024 19:16

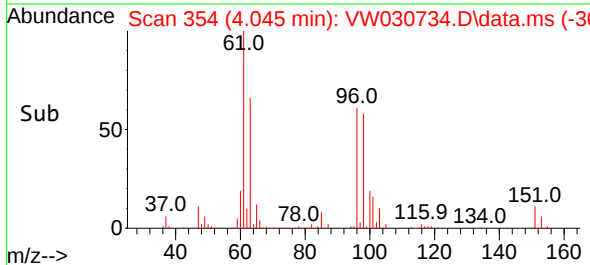
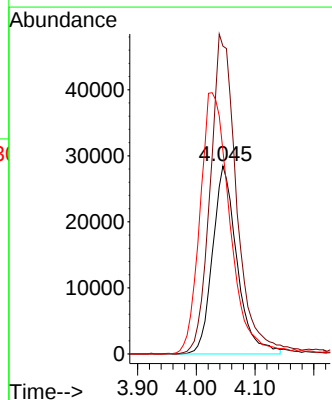
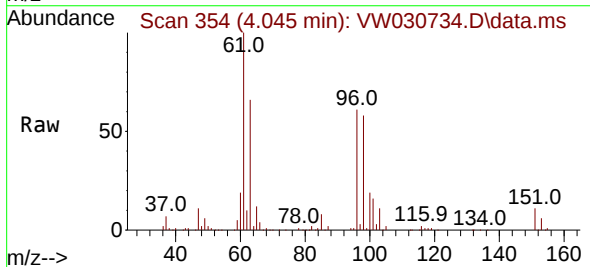
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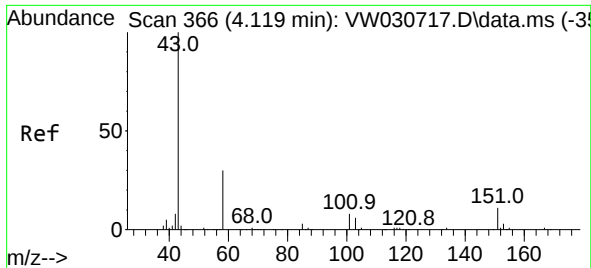
Tgt Ion:101 Resp: 92997
 Ion Ratio Lower Upper
 101 100
 85 43.6 35.7 53.5
 151 38.3 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 14.855 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW030734.D
 Acq: 23 Oct 2024 19:16

Tgt Ion: 96 Resp: 82065
 Ion Ratio Lower Upper
 96 100
 61 163.8 121.3 225.3
 63 108.1 87.6 162.8





#13

Acetone

Concen: 26.340 ug/L

RT: 4.118 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW030734.D

Acq: 23 Oct 2024 19:16

Instrument :

MSVOA_W

ClientSampleId :

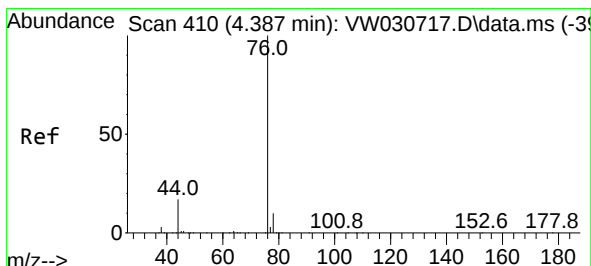
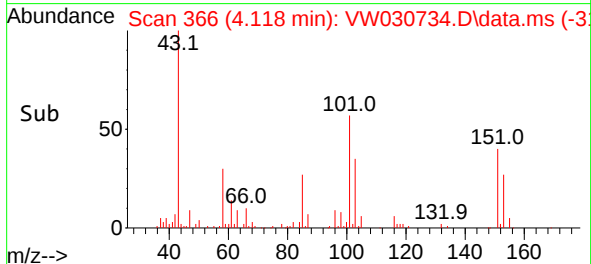
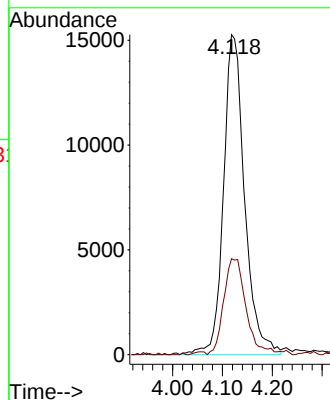
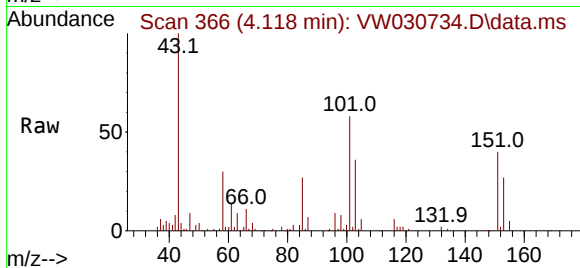
A4F40MS

Tgt Ion: 43 Resp: 44918

Ion Ratio Lower Upper

43 100

58 31.0 0.0 57.6



#14

Carbon disulfide

Concen: 11.219 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW030734.D

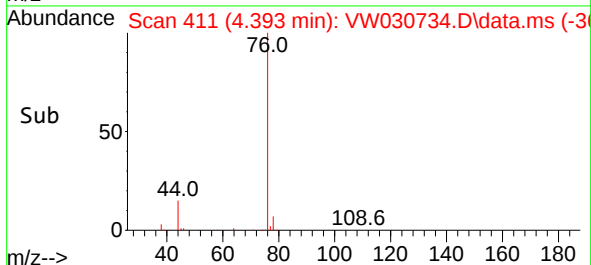
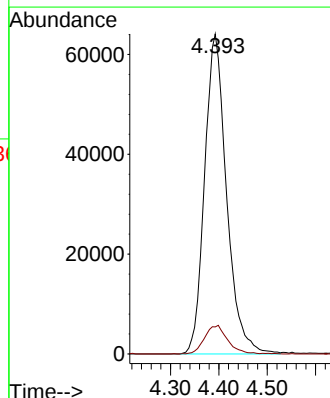
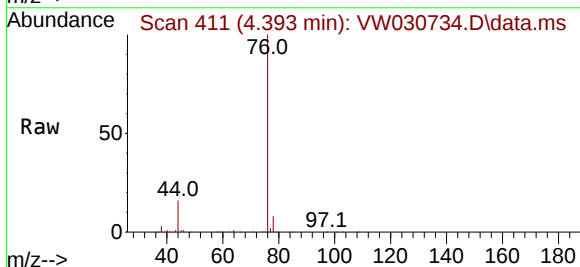
Acq: 23 Oct 2024 19:16

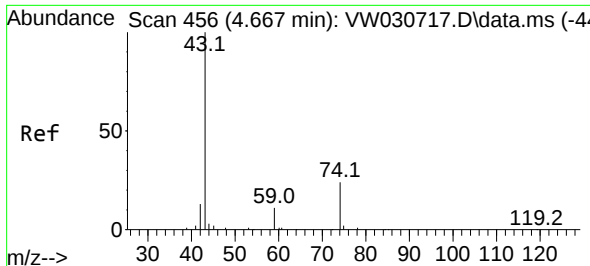
Tgt Ion: 76 Resp: 202390

Ion Ratio Lower Upper

76 100

78 8.5 7.1 10.7

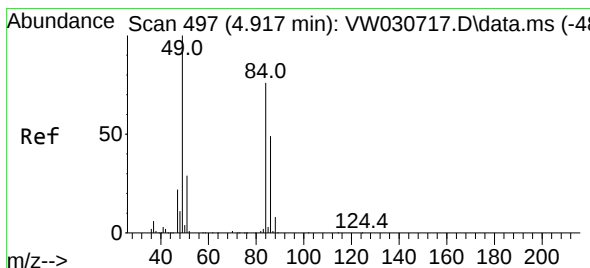
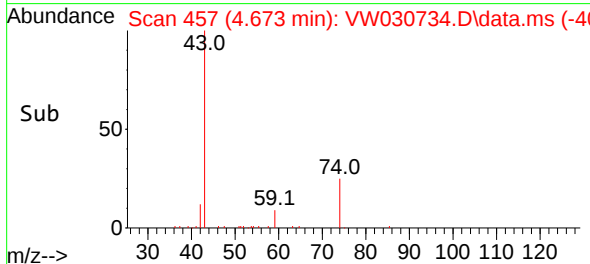
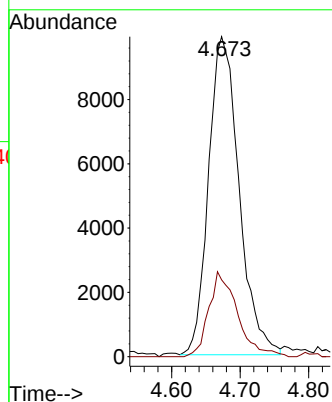
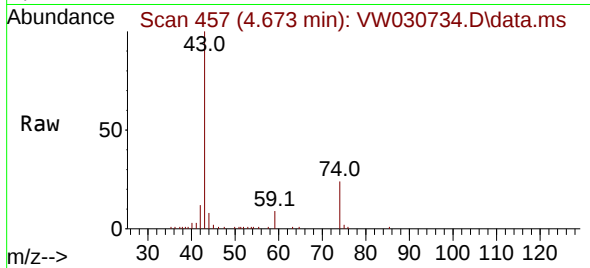




#15
Methyl Acetate
Concen: 14.547 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW030734.D
Acq: 23 Oct 2024 19:16

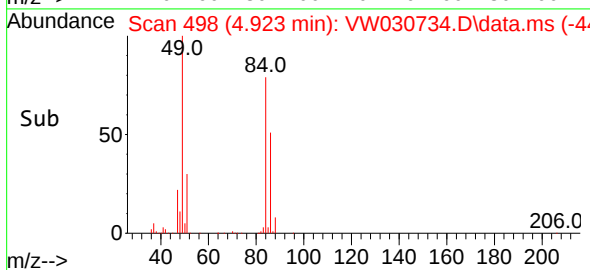
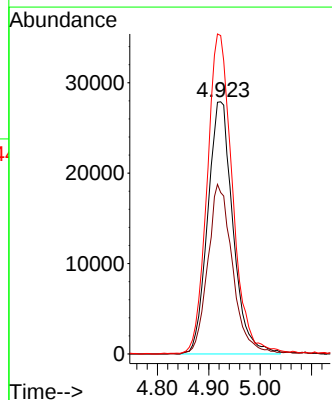
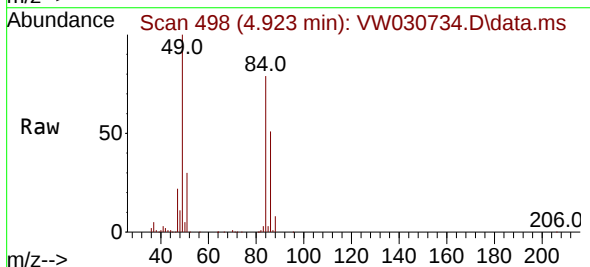
Instrument :
MSVOA_W
ClientSampleId :
A4F40MS

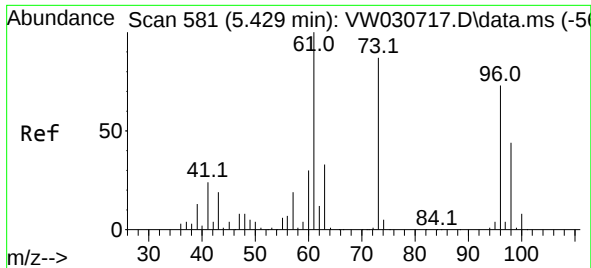
Tgt Ion: 43 Resp: 30644
Ion Ratio Lower Upper
43 100
74 25.1 19.3 28.9



#16
Methylene chloride
Concen: 15.282 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW030734.D
Acq: 23 Oct 2024 19:16

Tgt Ion: 84 Resp: 95133
Ion Ratio Lower Upper
84 100
86 64.0 43.8 81.3
49 126.3 88.3 164.1

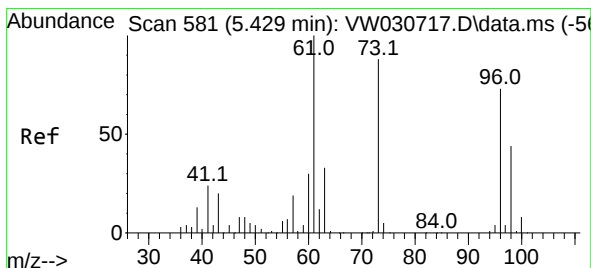
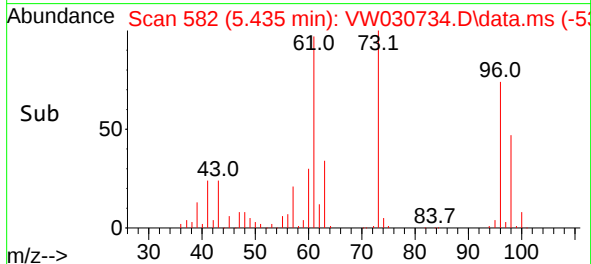
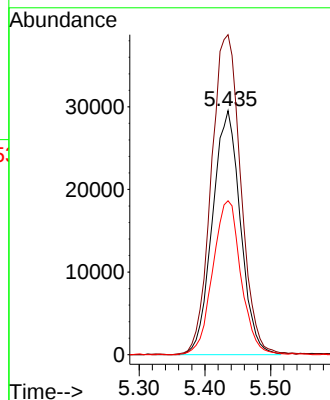
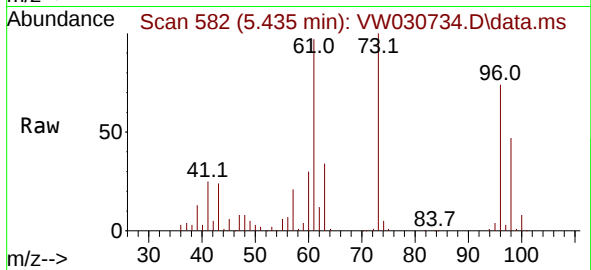




#17
trans-1,2-Dichloroethene
Concen: 14.663 ug/L
RT: 5.435 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW030734.D
Acq: 23 Oct 2024 19:16

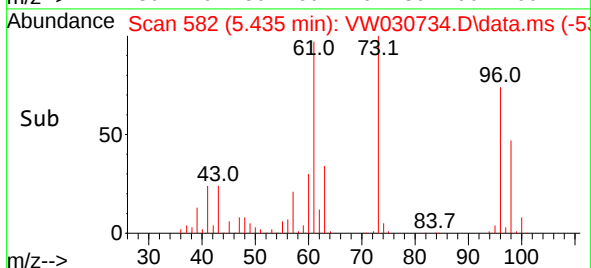
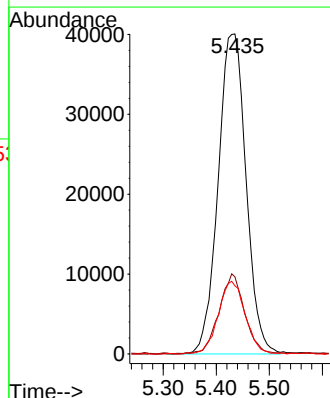
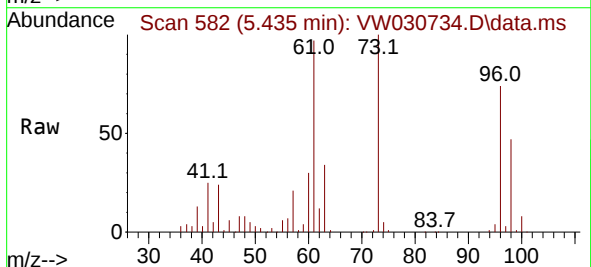
Instrument :
MSVOA_W
ClientSampleId :
A4F40MS

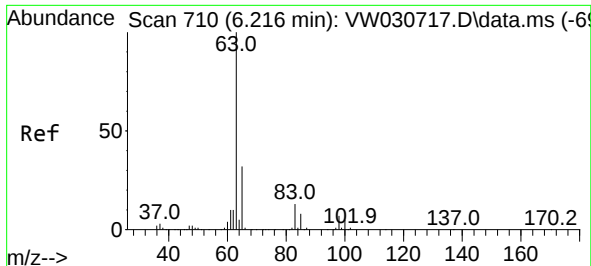
Tgt Ion: 96 Resp: 87409
Ion Ratio Lower Upper
96 100
61 131.1 96.9 179.9
98 63.1 42.2 78.4



#18
Methyl tert-butyl Ether
Concen: 17.572 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW030734.D
Acq: 23 Oct 2024 19:16

Tgt Ion: 73 Resp: 146605
Ion Ratio Lower Upper
73 100
43 22.8 18.1 27.1
57 21.8 17.7 26.5





#19

1,1-Dichloroethane

Concen: 16.563 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW030734.D

Acq: 23 Oct 2024 19:16

Instrument :

MSVOA_W

ClientSampleId :

A4F40MS

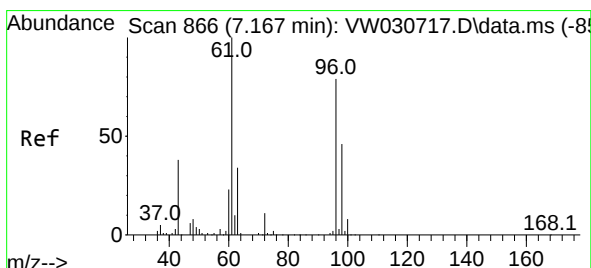
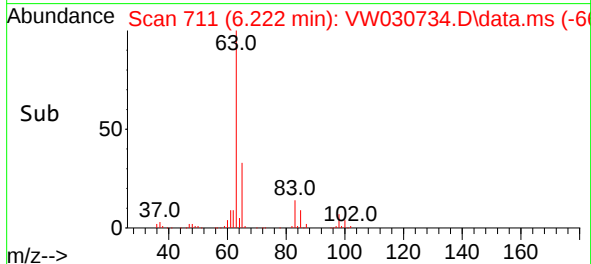
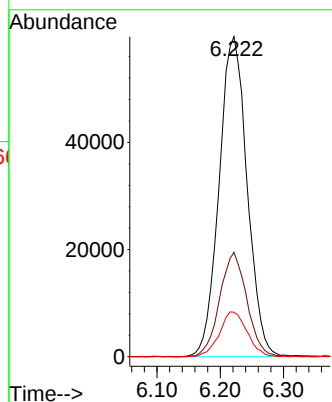
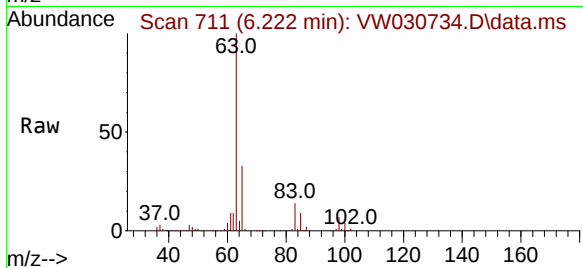
Tgt Ion: 63 Resp: 183511

Ion Ratio Lower Upper

63 100

65 32.6 22.5 41.9

83 13.9 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 16.103 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW030734.D

Acq: 23 Oct 2024 19:16

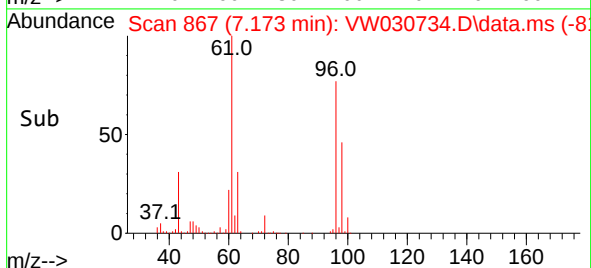
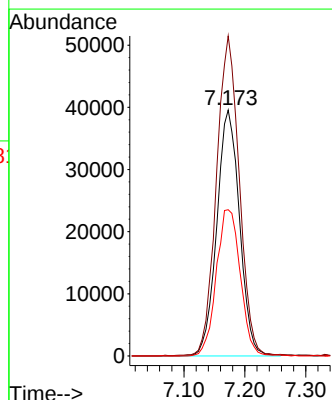
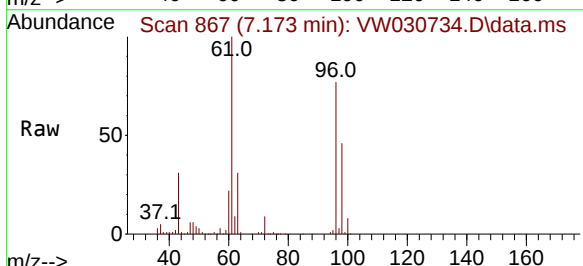
Tgt Ion: 96 Resp: 102390

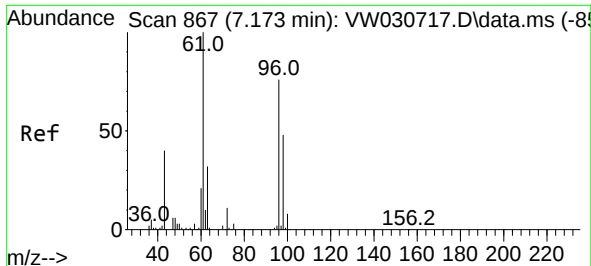
Ion Ratio Lower Upper

96 100

61 130.1 88.3 163.9

98 59.5 41.3 76.7

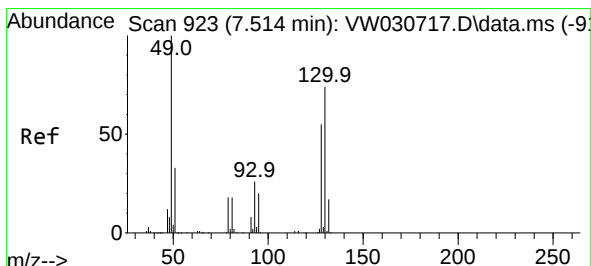
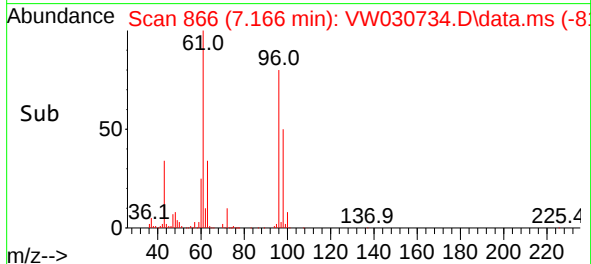
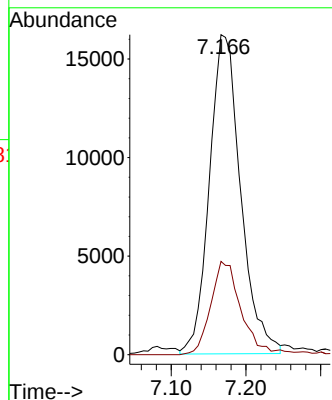
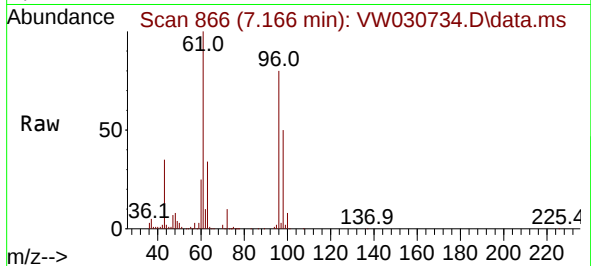




#22
2-Butanone
Concen: 25.588 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW030734.D
Acq: 23 Oct 2024 19:16

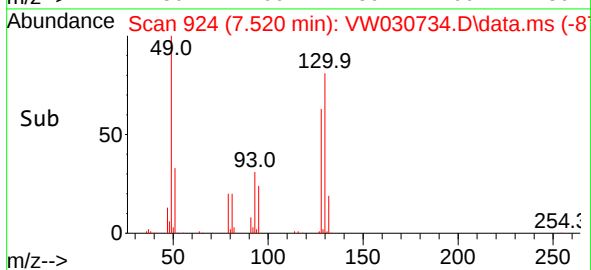
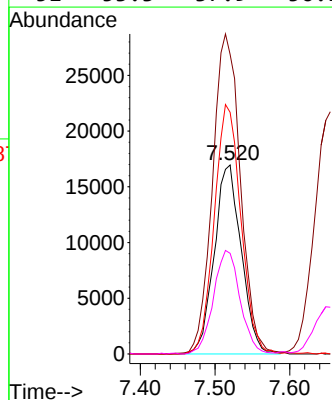
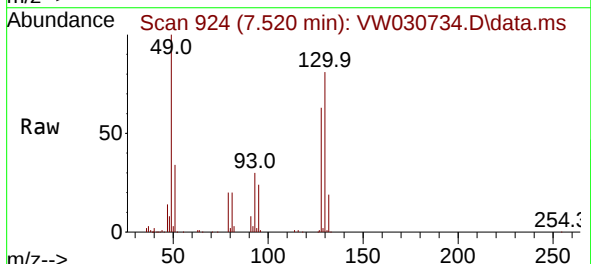
Instrument :
MSVOA_W
ClientSampleId :
A4F40MS

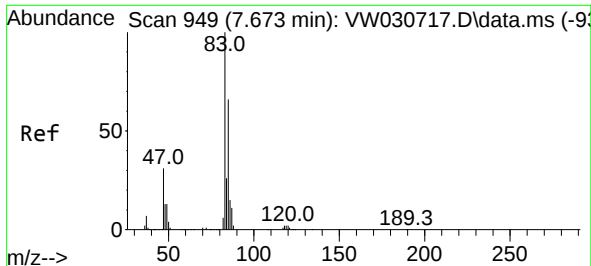
Tgt Ion: 43 Resp: 47035
Ion Ratio Lower Upper
43 100
72 27.3 14.4 43.0



#23
Bromochloromethane
Concen: 15.309 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW030734.D
Acq: 23 Oct 2024 19:16

Tgt Ion:128 Resp: 42583
Ion Ratio Lower Upper
128 100
49 158.5 110.1 204.5
130 127.9 82.9 153.9
51 53.3 37.9 56.9

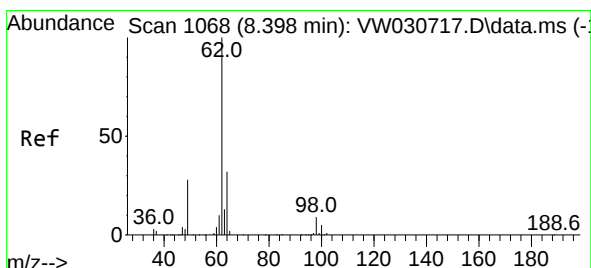
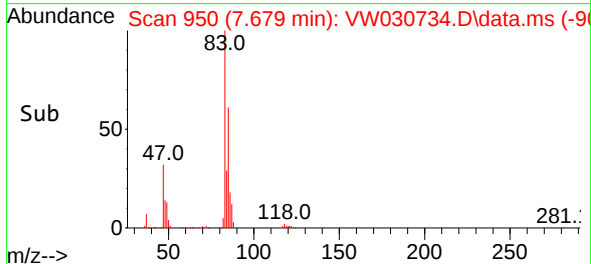
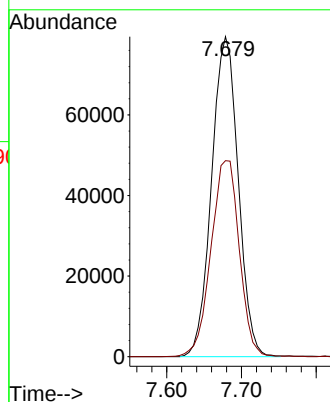
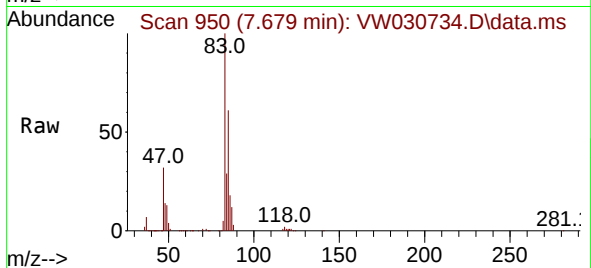




#25
Chloroform
Concen: 16.596 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW030734.D
Acq: 23 Oct 2024 19:16

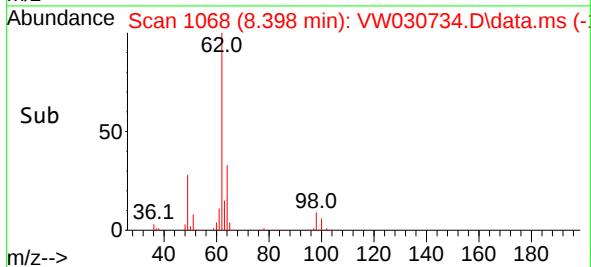
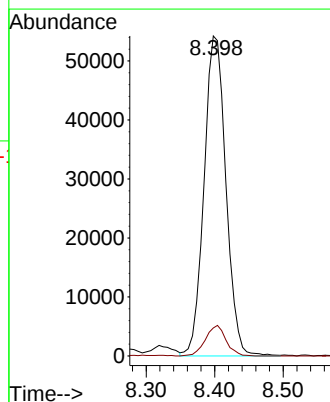
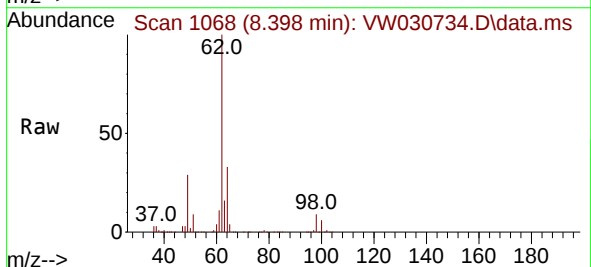
Instrument :
MSVOA_W
ClientSampleId :
A4F40MS

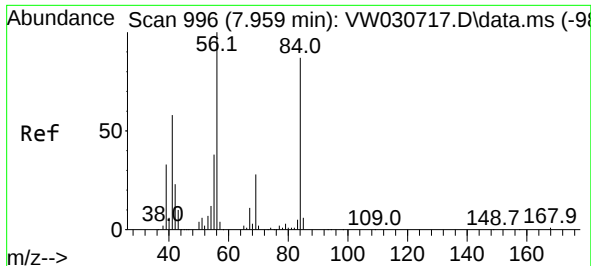
Tgt Ion: 83 Resp: 196502
Ion Ratio Lower Upper
83 100
85 61.3 45.1 83.7



#27
1,2-Dichloroethane
Concen: 15.460 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW030734.D
Acq: 23 Oct 2024 19:16

Tgt Ion: 62 Resp: 120764
Ion Ratio Lower Upper
62 100
98 8.8 7.0 10.6

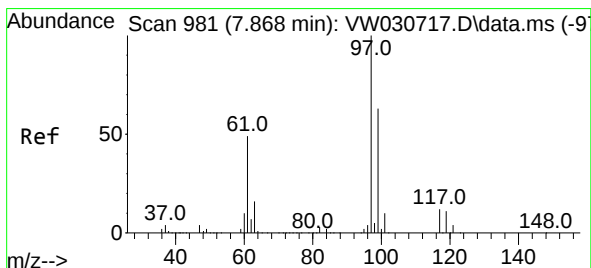
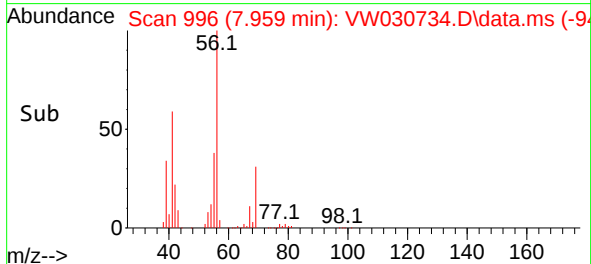
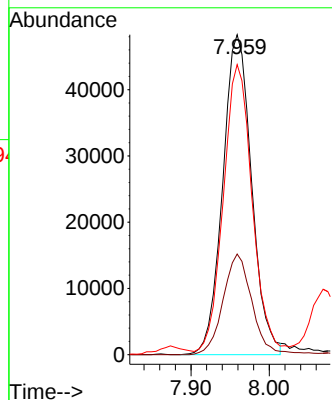
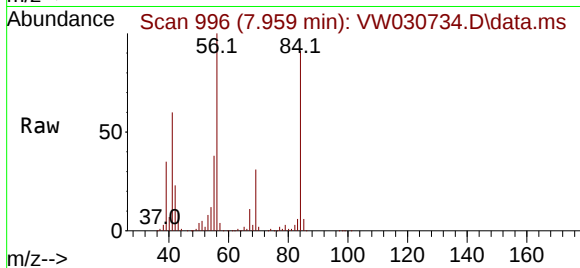




#29
Cyclohexane
Concen: 15.445 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW030734.D
Acq: 23 Oct 2024 19:16

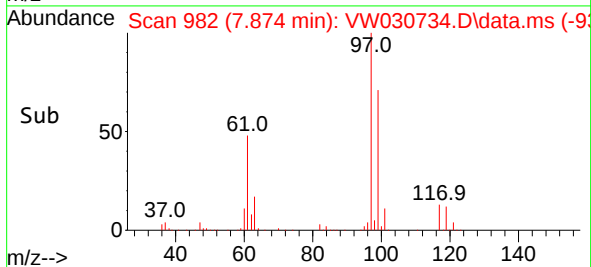
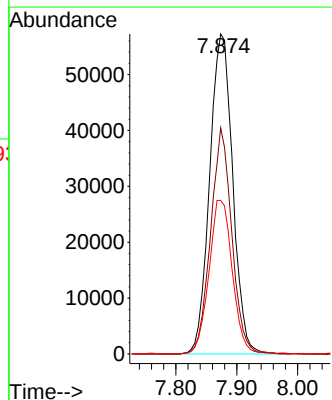
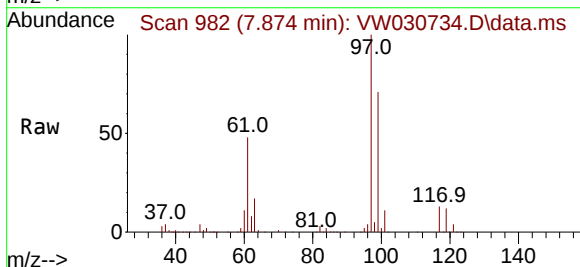
Instrument :
MSVOA_W
ClientSampleId :
A4F40MS

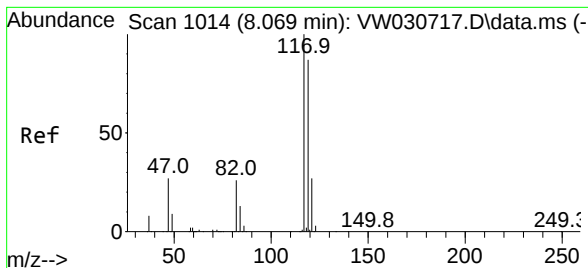
Tgt Ion: 56 Resp: 123857
Ion Ratio Lower Upper
56 100
69 31.6 25.4 38.0
84 90.8 72.3 108.5



#30
1,1,1-Trichloroethane
Concen: 17.213 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW030734.D
Acq: 23 Oct 2024 19:16

Tgt Ion: 97 Resp: 150532
Ion Ratio Lower Upper
97 100
99 64.8 52.3 78.5
61 48.5 38.5 57.7





#31

Carbon tetrachloride

Concen: 16.437 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW030734.D

Acq: 23 Oct 2024 19:16

Instrument :

MSVOA_W

ClientSampleId :

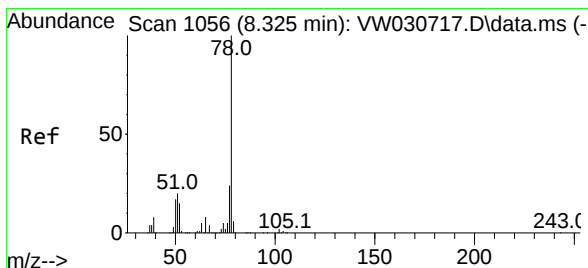
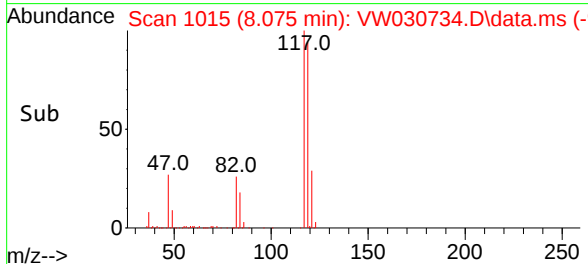
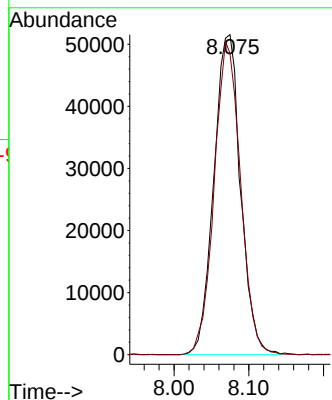
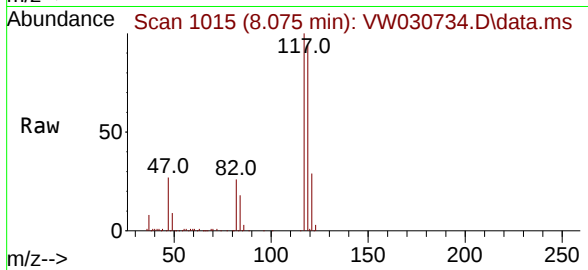
A4F40MS

Tgt Ion:117 Resp: 128383

Ion Ratio Lower Upper

117 100

119 96.3 77.8 116.8



#33

Benzene

Concen: 17.690 ug/L

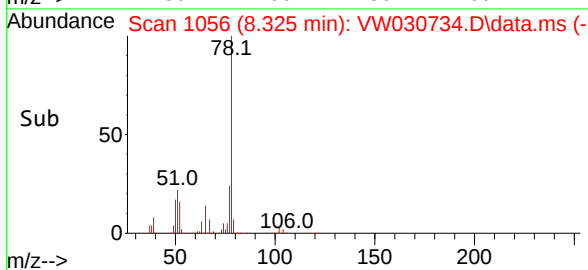
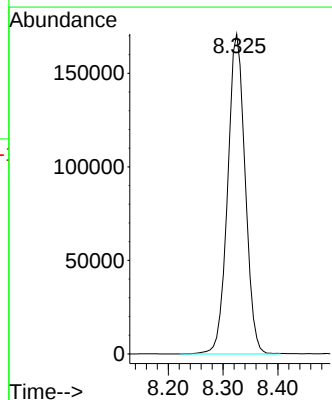
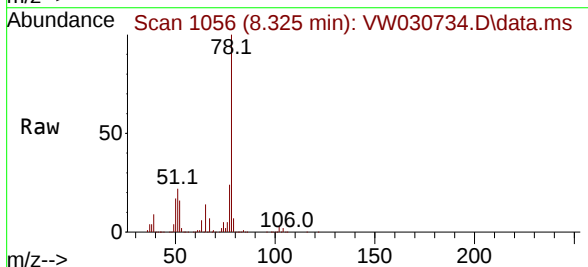
RT: 8.325 min Scan# 1056

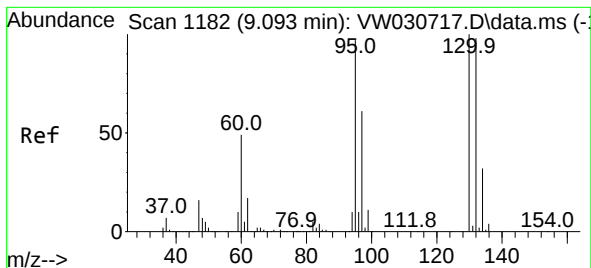
Delta R.T. -0.000 min

Lab File: VW030734.D

Acq: 23 Oct 2024 19:16

Tgt Ion: 78 Resp: 379237





#34

Trichloroethene

Concen: 16.030 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW030734.D

Acq: 23 Oct 2024 19:16

Instrument :

MSVOA_W

ClientSampleId :

A4F40MS

Tgt Ion: 95 Resp: 95607

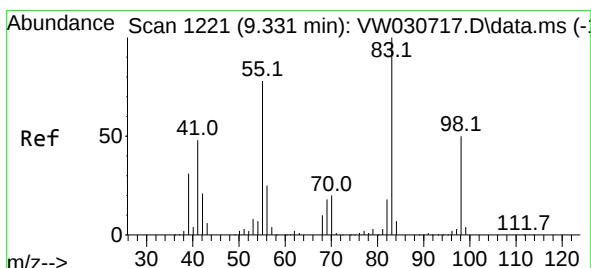
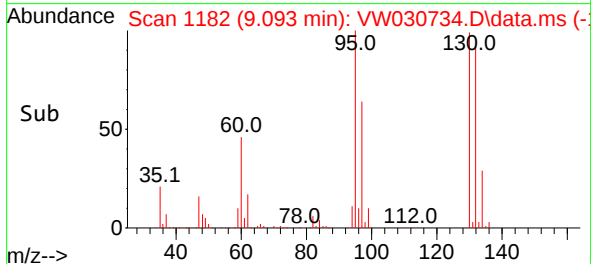
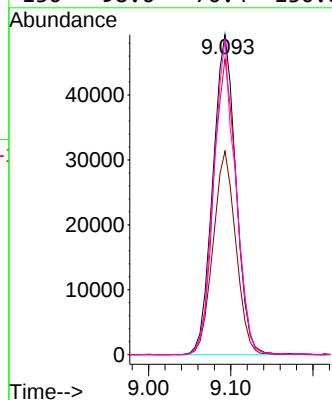
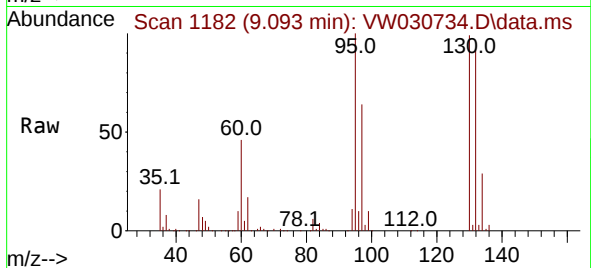
Ion Ratio Lower Upper

95 100

97 63.6 45.9 85.3

132 92.5 66.4 123.2

130 98.6 70.4 130.8



#35

Methylcyclohexane

Concen: 14.227 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030734.D

Acq: 23 Oct 2024 19:16

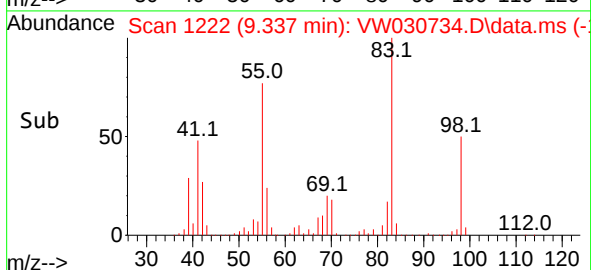
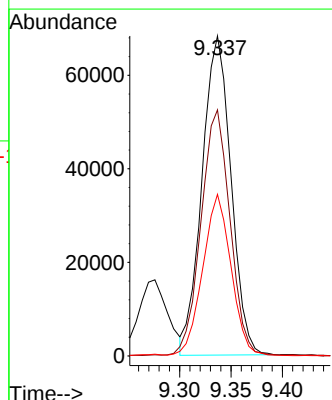
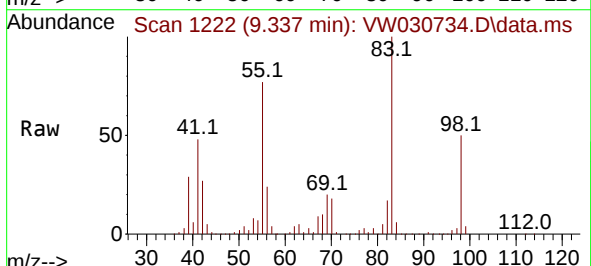
Tgt Ion: 83 Resp: 133542

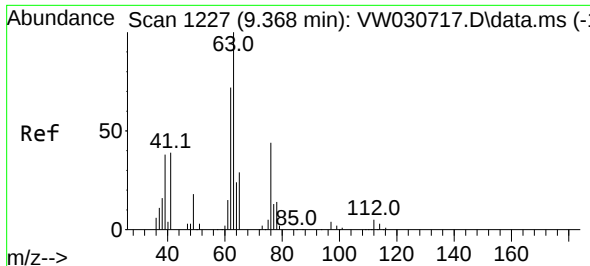
Ion Ratio Lower Upper

83 100

55 77.7 61.8 92.8

98 49.8 39.3 58.9





#37

1,2-Dichloropropane

Concen: 18.916 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW030734.D

Acq: 23 Oct 2024 19:16

Instrument :

MSVOA_W

ClientSampleId :

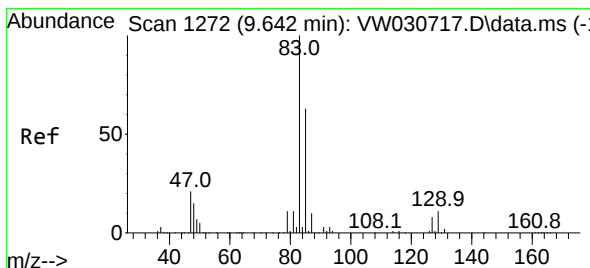
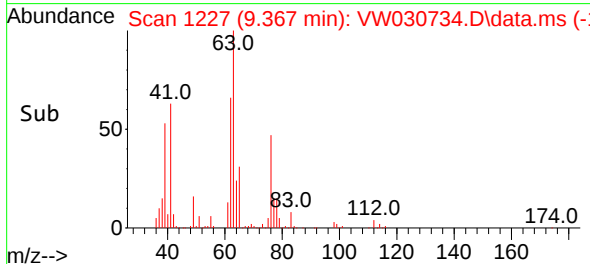
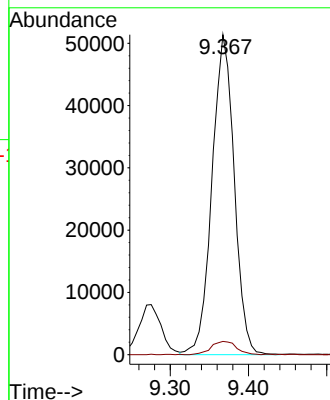
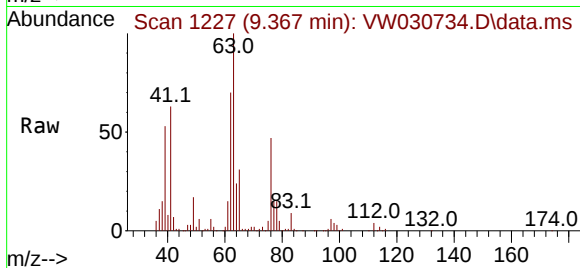
A4F40MS

Tgt Ion: 63 Resp: 101283

Ion Ratio Lower Upper

63 100

112 4.7 3.7 5.5



#38

Bromodichloromethane

Concen: 18.099 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW030734.D

Acq: 23 Oct 2024 19:16

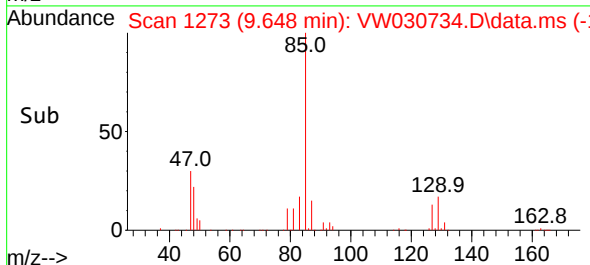
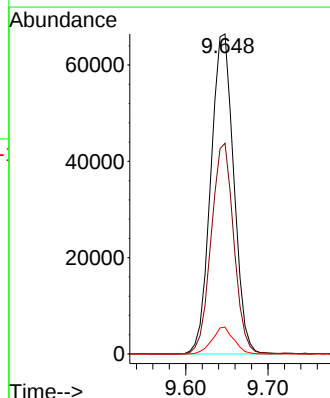
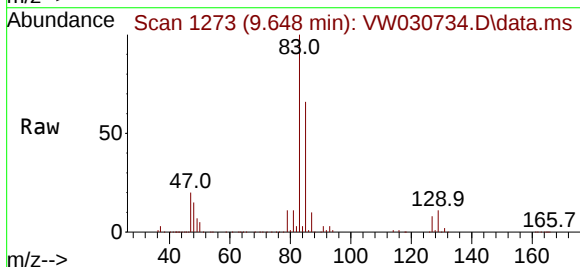
Tgt Ion: 83 Resp: 128931

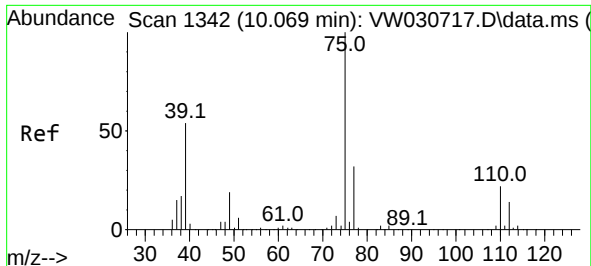
Ion Ratio Lower Upper

83 100

85 65.8 44.2 82.0

127 8.4 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 16.775 ug/L

RT: 10.074 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030734.D

Acq: 23 Oct 2024 19:16

Instrument :

MSVOA_W

ClientSampleId :

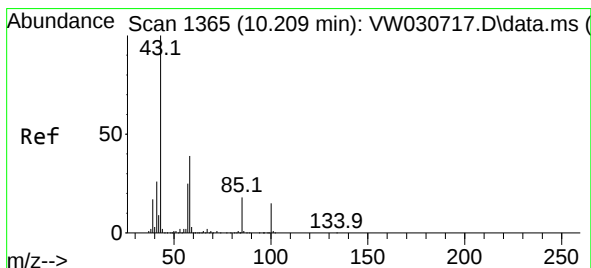
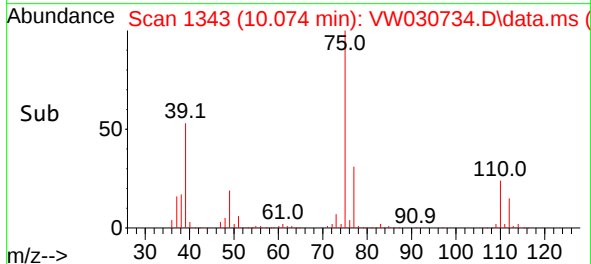
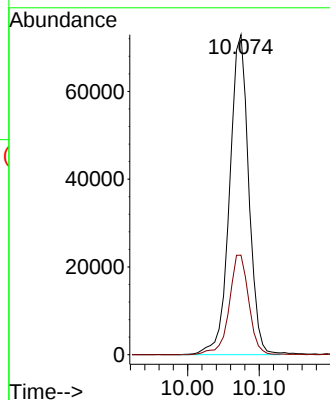
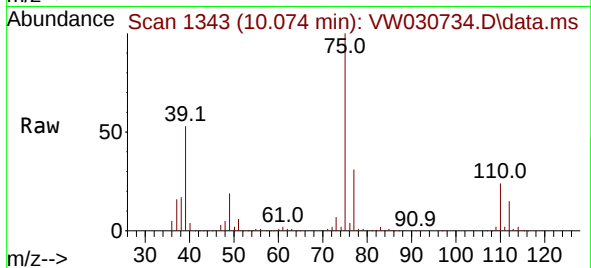
A4F40MS

Tgt Ion: 75 Resp: 135477

Ion Ratio Lower Upper

75 100

77 31.1 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 37.089 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030734.D

Acq: 23 Oct 2024 19:16

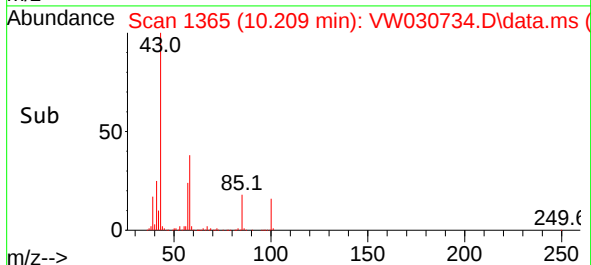
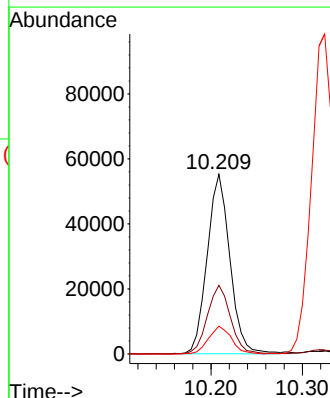
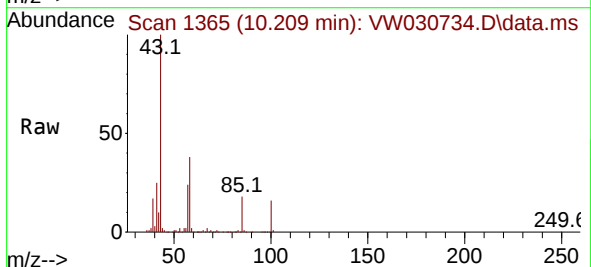
Tgt Ion: 43 Resp: 95402

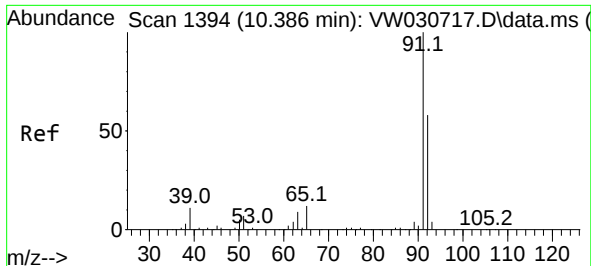
Ion Ratio Lower Upper

43 100

58 38.8 31.4 47.2

100 15.6 13.1 19.7

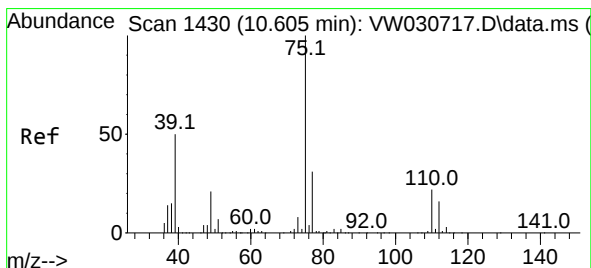
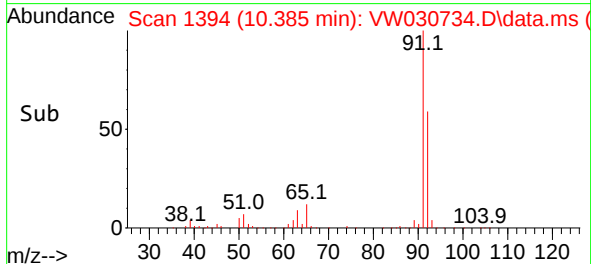
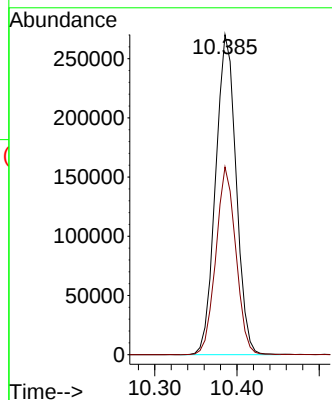
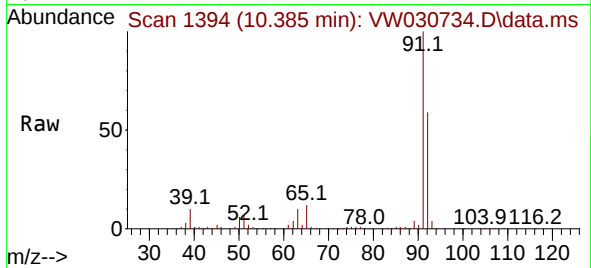




#42
Toluene
Concen: 20.516 ug/L
RT: 10.385 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW030734.D
Acq: 23 Oct 2024 19:16

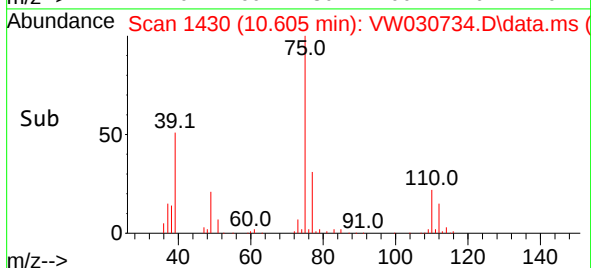
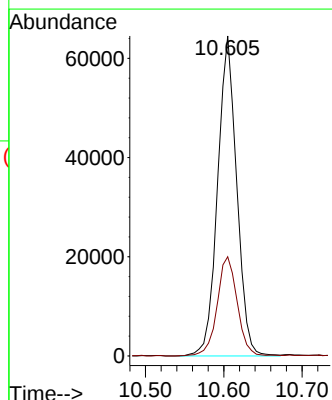
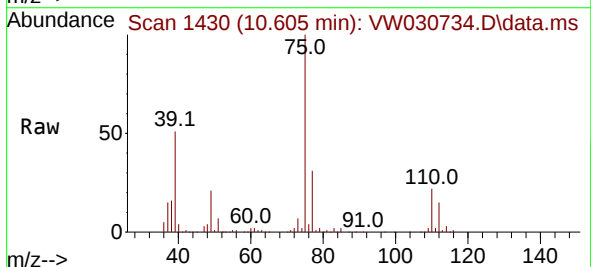
Instrument :
MSVOA_W
ClientSampleId :
A4F40MS

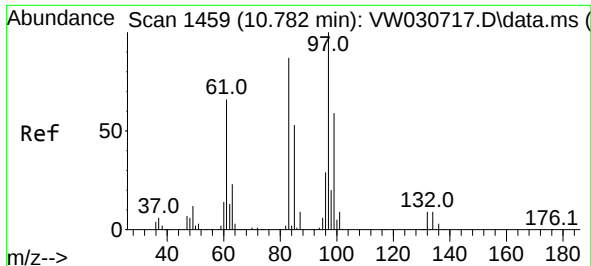
Tgt Ion: 91 Resp: 469234
Ion Ratio Lower Upper
91 100
92 58.6 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 16.141 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW030734.D
Acq: 23 Oct 2024 19:16

Tgt Ion: 75 Resp: 109540
Ion Ratio Lower Upper
75 100
77 31.0 21.6 40.2



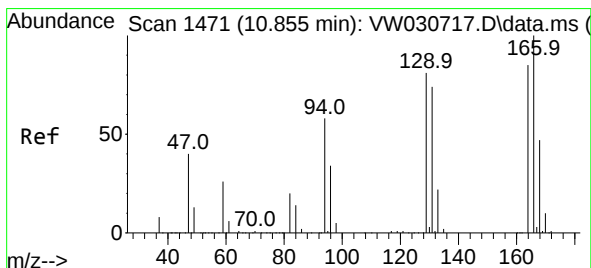
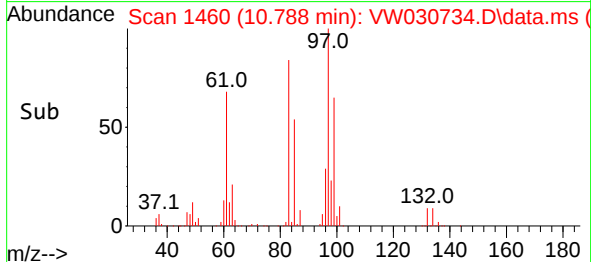
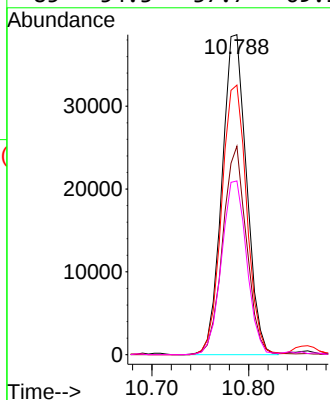
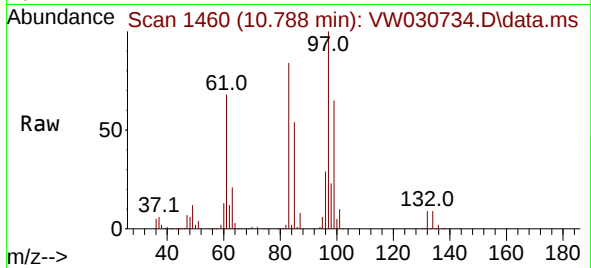


#45
1,1,2-Trichloroethane
Concen: 17.670 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW030734.D
Acq: 23 Oct 2024 19:16

Instrument :
MSVOA_W
ClientSampleId :
A4F40MS

Tgt Ion: 97 Resp: 68376

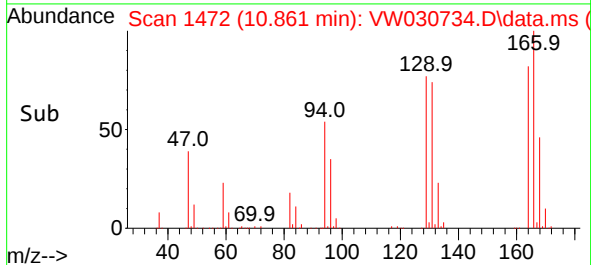
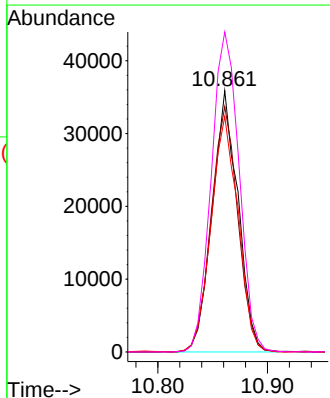
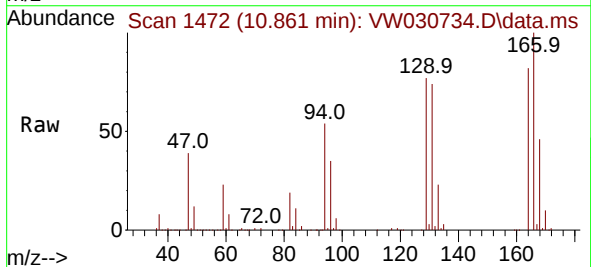
Ion	Ratio	Lower	Upper
97	100		
99	65.2	41.2	76.6
83	84.3	59.6	110.6
85	54.3	37.7	69.9

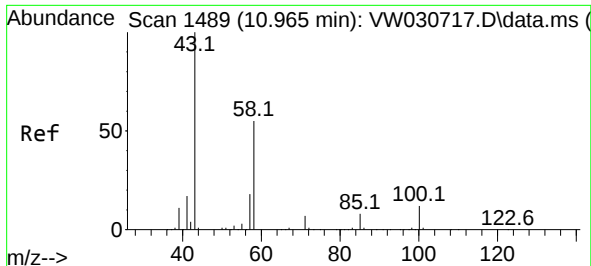


#46
Tetrachloroethene
Concen: 13.352 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VW030734.D
Acq: 23 Oct 2024 19:16

Tgt Ion: 164 Resp: 58734

Ion	Ratio	Lower	Upper
164	100		
129	93.8	66.6	123.6
131	90.1	63.7	118.3
166	122.4	88.7	164.7

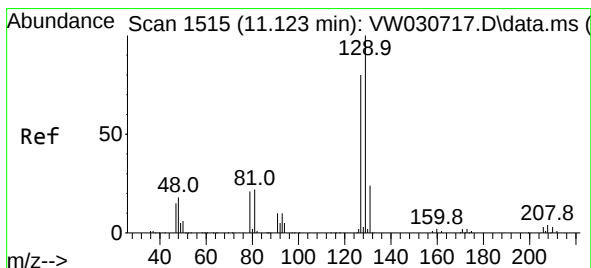
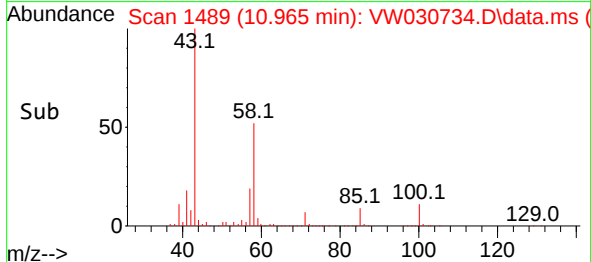
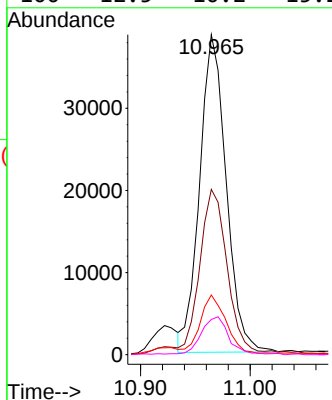
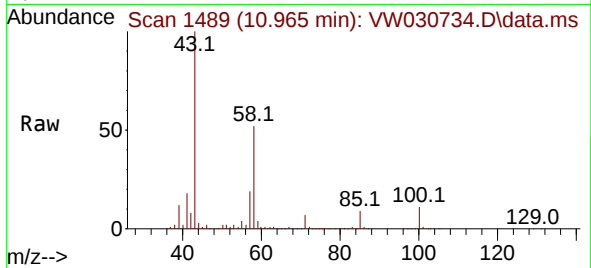




#48
2-Hexanone
Concen: 30.931 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW030734.D
Acq: 23 Oct 2024 19:16

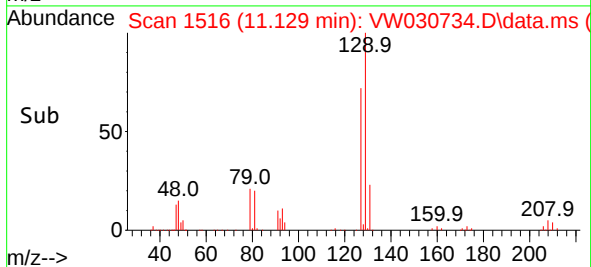
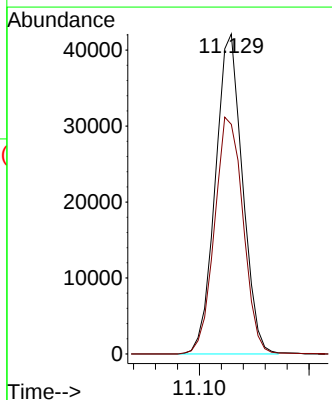
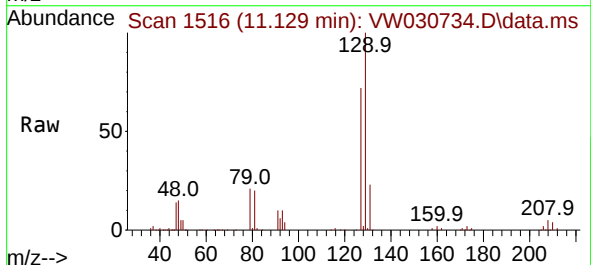
Instrument :
MSVOA_W
ClientSampleId :
A4F40MS

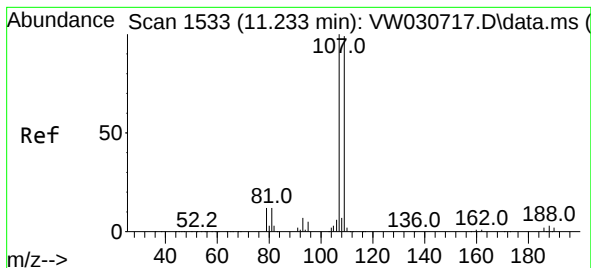
Tgt Ion: 43	Resp: 65065
Ion Ratio	Lower Upper
43 100	
58 52.4	44.6 67.0
57 18.7	15.8 23.8
100 12.5	10.2 15.2



#49
Dibromochloromethane
Concen: 16.786 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW030734.D
Acq: 23 Oct 2024 19:16

Tgt Ion:129	Resp:	72477	
Ion	Ratio	Lower	Upper
129	100		
127	71.8	56.5	104.9





#50

1,2-Dibromoethane

Concen: 16.404 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW030734.D

Acq: 23 Oct 2024 19:16

Instrument :

MSVOA_W

ClientSampleId :

A4F40MS

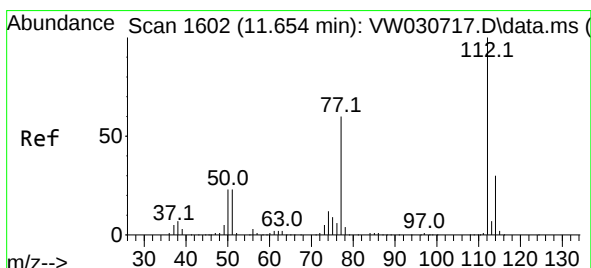
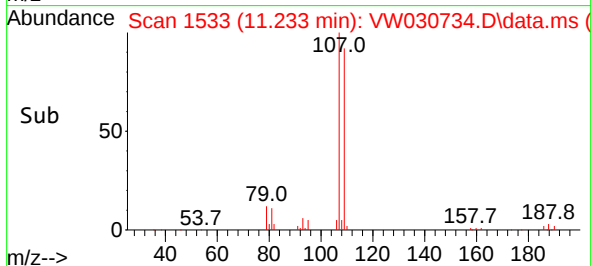
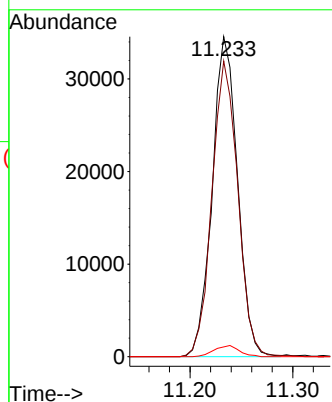
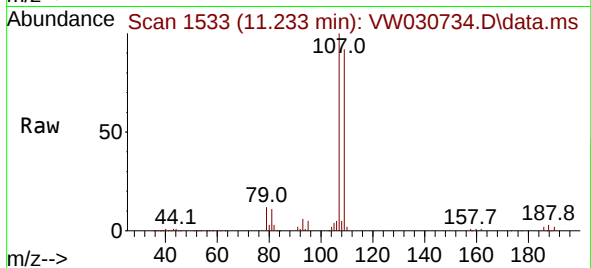
Tgt Ion:107 Resp: 59231

Ion Ratio Lower Upper

107 100

109 92.4 63.8 118.6

188 3.0 2.6 3.8



#51

Chlorobenzene

Concen: 15.215 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW030734.D

Acq: 23 Oct 2024 19:16

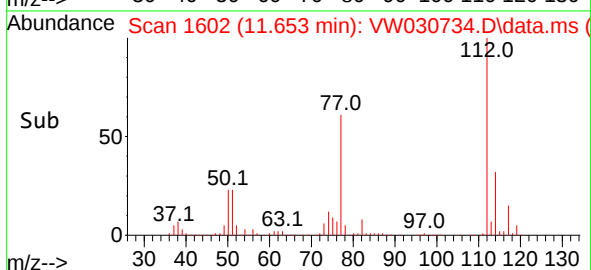
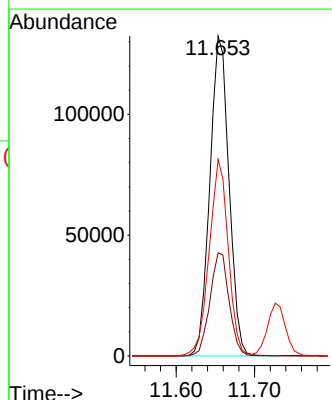
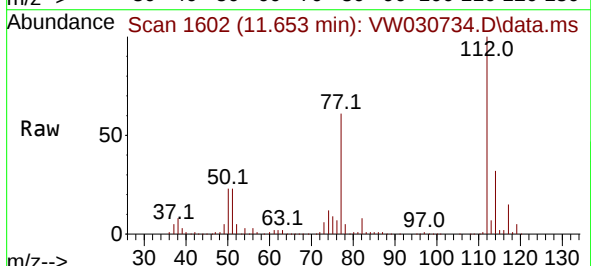
Tgt Ion:112 Resp: 224017

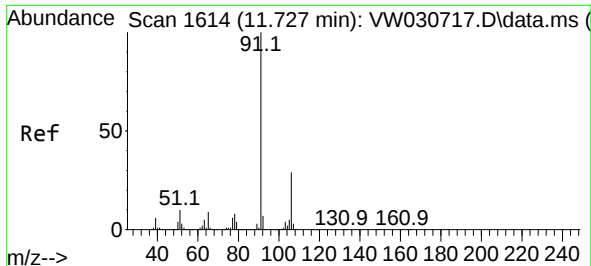
Ion Ratio Lower Upper

112 100

114 32.2 22.4 41.6

77 61.4 47.1 70.7

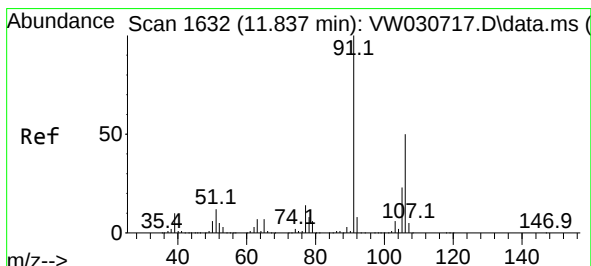
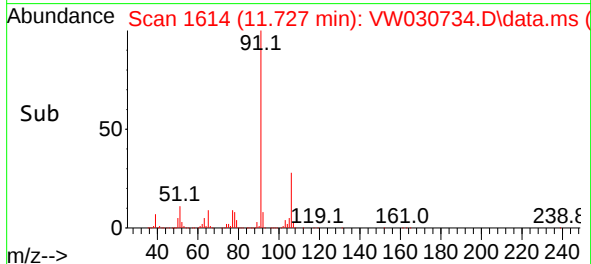
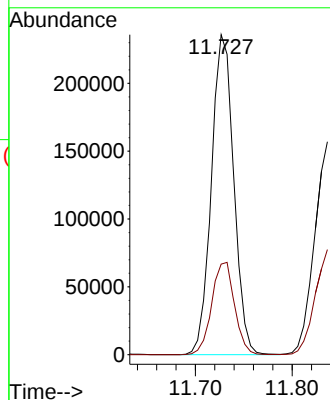
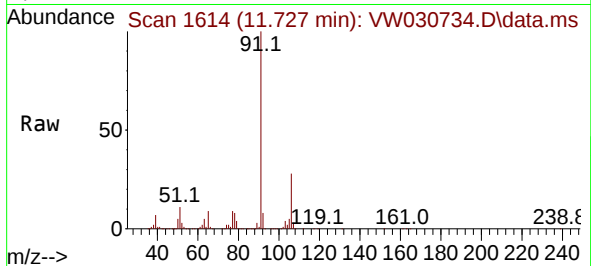




#52
Ethylbenzene
Concen: 14.525 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW030734.D
Acq: 23 Oct 2024 19:16

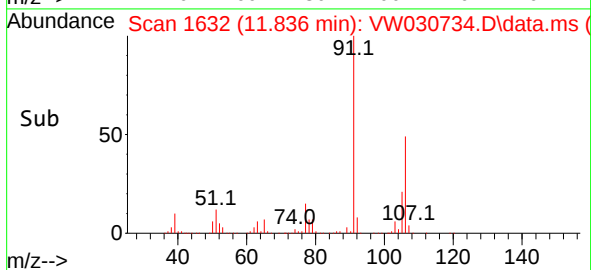
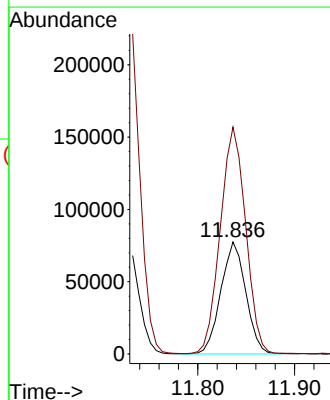
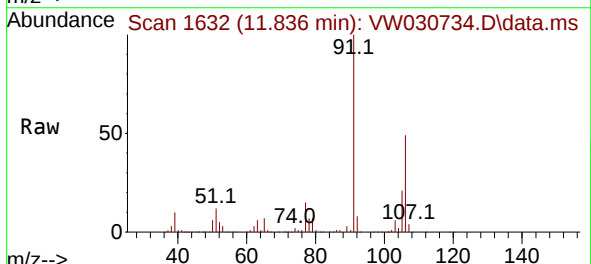
Instrument :
MSVOA_W
ClientSampleId :
A4F40MS

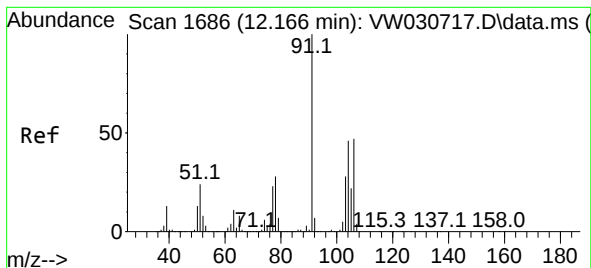
Tgt Ion: 91 Resp: 379070
Ion Ratio Lower Upper
91 100
106 28.3 21.1 39.1



#53
m,p-Xylene
Concen: 14.188 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW030734.D
Acq: 23 Oct 2024 19:16

Tgt Ion: 106 Resp: 138721
Ion Ratio Lower Upper
106 100
91 202.7 140.6 261.2





#54

o-Xylene

Concen: 14.892 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030734.D

Acq: 23 Oct 2024 19:16

Instrument :

MSVOA_W

ClientSampleId :

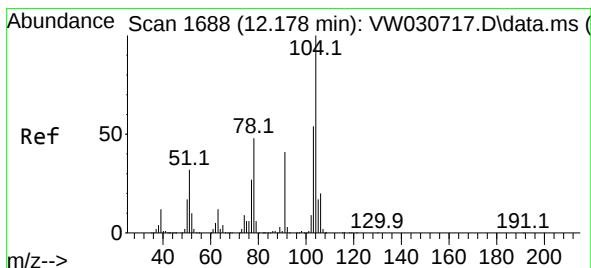
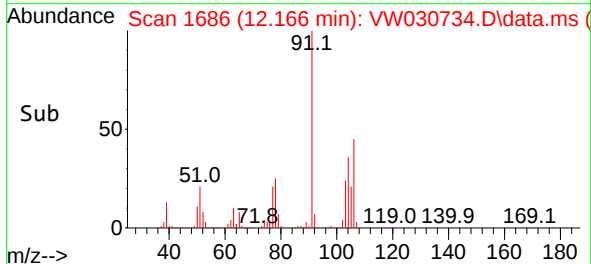
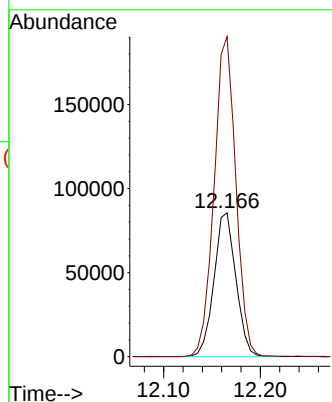
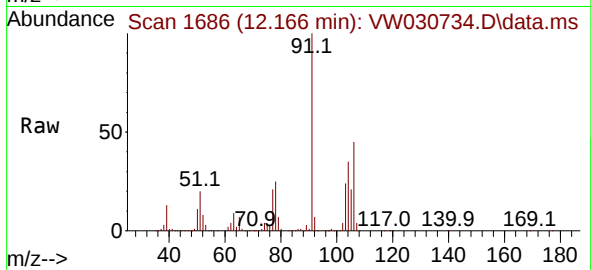
A4F40MS

Tgt Ion:106 Resp: 134611

Ion Ratio Lower Upper

106 100

91 222.5 144.5 268.4



#55

Styrene

Concen: 14.650 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW030734.D

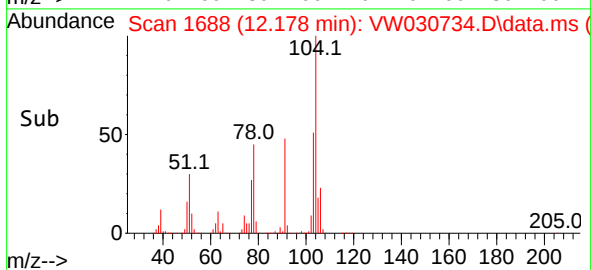
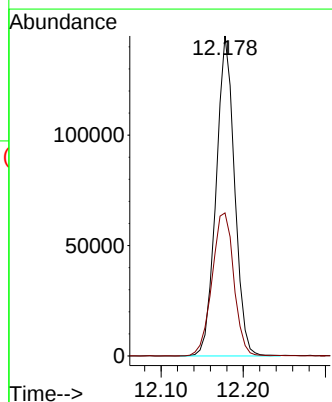
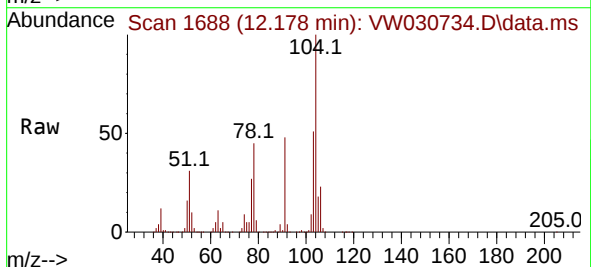
Acq: 23 Oct 2024 19:16

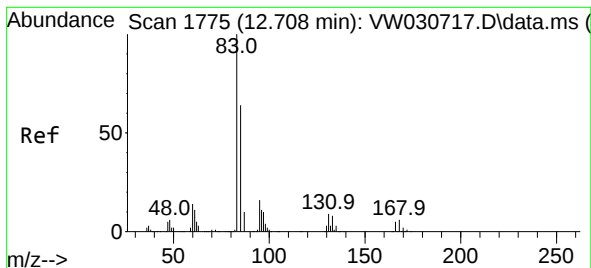
Tgt Ion:104 Resp: 226383

Ion Ratio Lower Upper

104 100

78 44.7 34.3 63.7

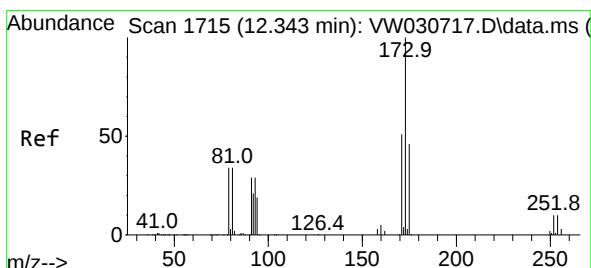
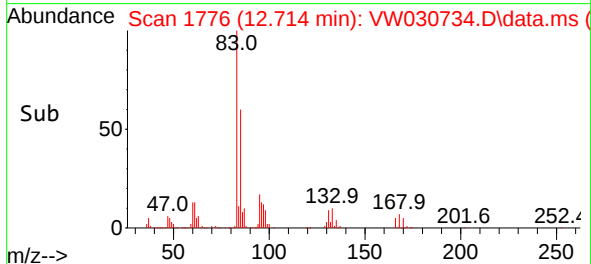
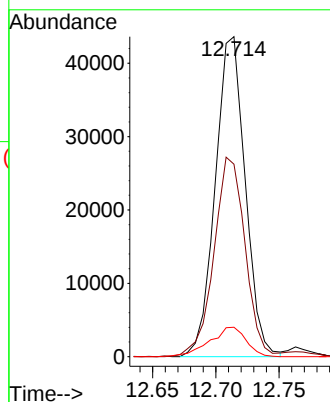
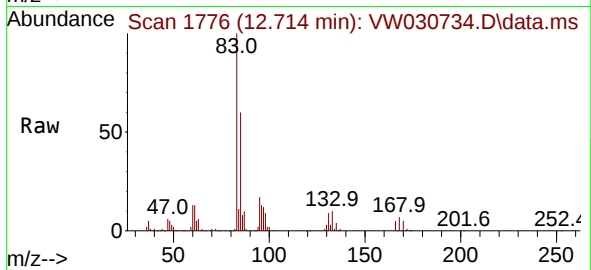




#57
1,1,2-Tetrachloroethane
Concen: 16.481 ug/L
RT: 12.714 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VW030734.D
Acq: 23 Oct 2024 19:16

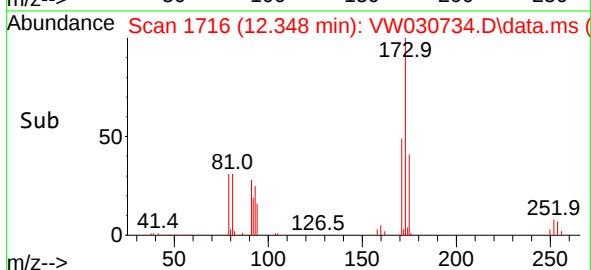
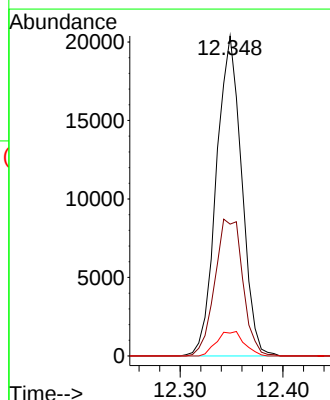
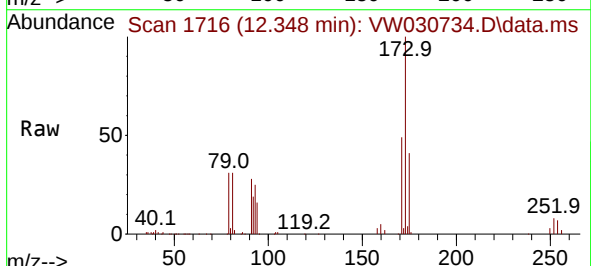
Instrument :
MSVOA_W
ClientSampleId :
A4F40MS

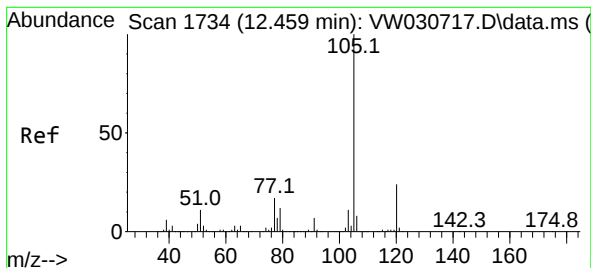
Tgt Ion: 83 Resp: 71918
Ion Ratio Lower Upper
83 100
85 60.1 42.6 79.2
131 9.2 7.4 11.0



#59
Bromoform
Concen: 20.215 ug/L
RT: 12.348 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW030734.D
Acq: 23 Oct 2024 19:16

Tgt Ion: 173 Resp: 34852
Ion Ratio Lower Upper
173 100
175 47.2 39.0 58.4
254 8.3 7.7 11.5





#60

Isopropylbenzene

Concen: 17.811 ug/L

RT: 12.458 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW030734.D

Acq: 23 Oct 2024 19:16

Instrument :

MSVOA_W

ClientSampleId :

A4F40MS

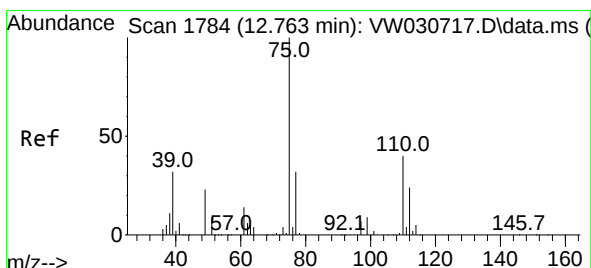
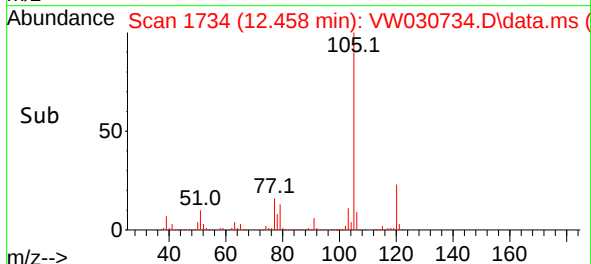
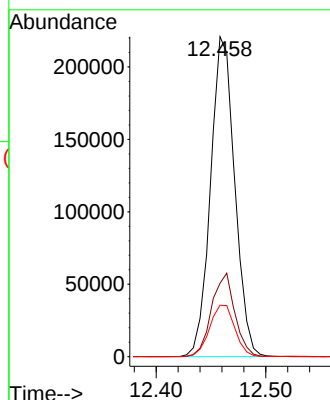
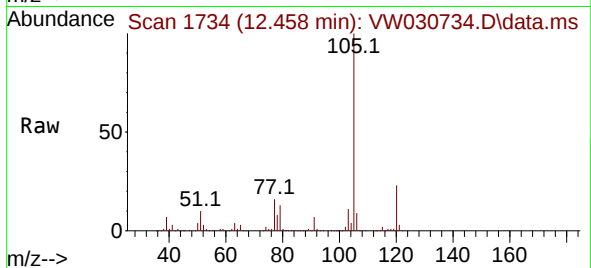
Tgt Ion:105 Resp: 338467

Ion Ratio Lower Upper

105 100

120 25.3 20.6 31.0

77 16.9 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 21.429 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW030734.D

Acq: 23 Oct 2024 19:16

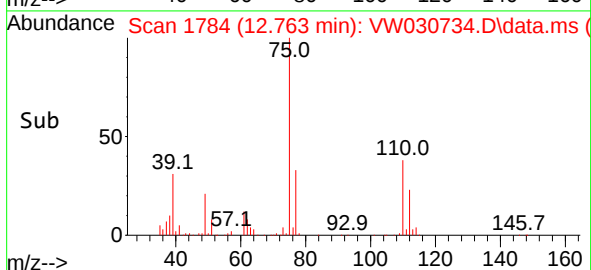
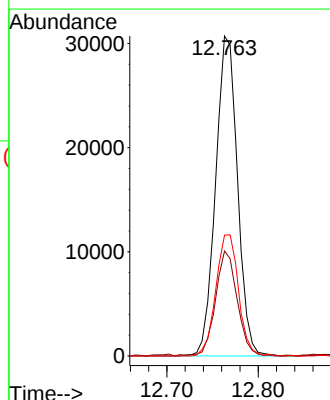
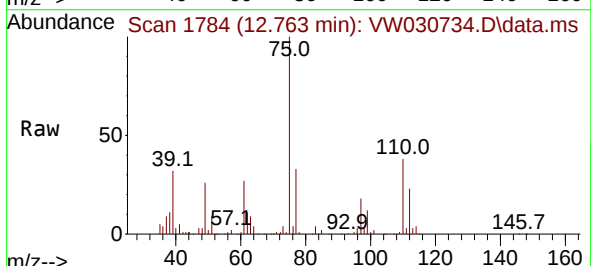
Tgt Ion: 75 Resp: 51170

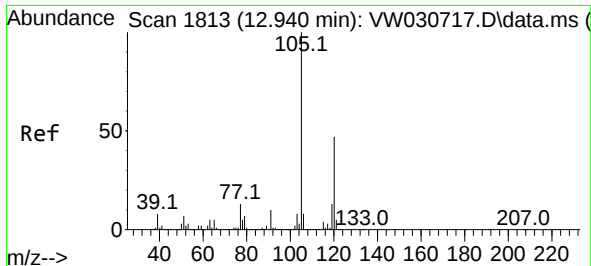
Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5

110 39.1 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 16.587 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW030734.D

Acq: 23 Oct 2024 19:16

Instrument :

MSVOA_W

ClientSampleId :

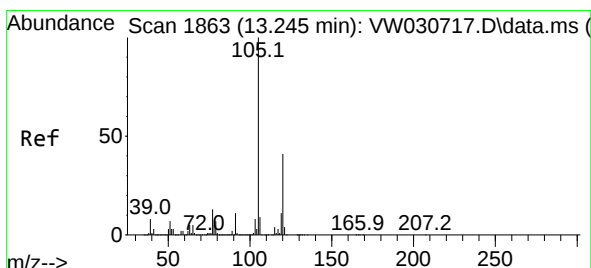
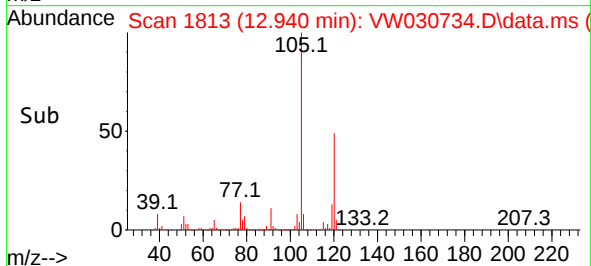
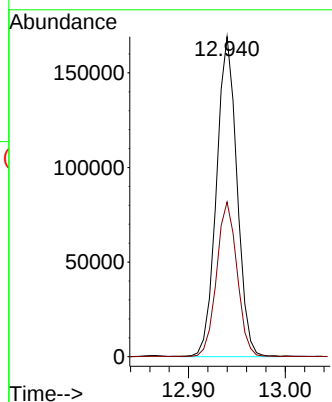
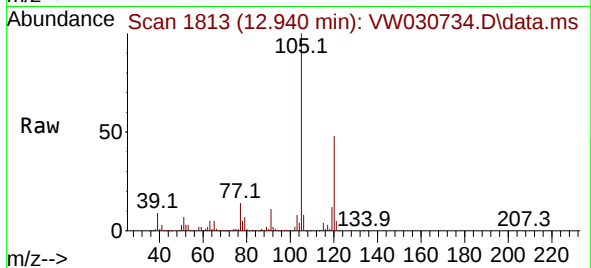
A4F40MS

Tgt Ion:105 Resp: 248685

Ion Ratio Lower Upper

105 100

120 48.4 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 17.293 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW030734.D

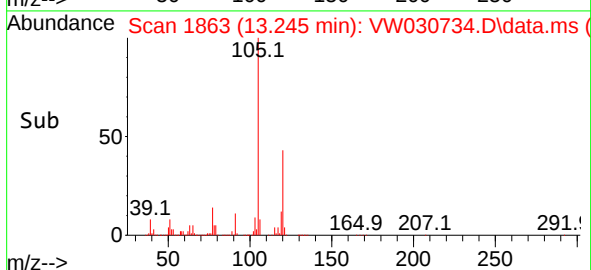
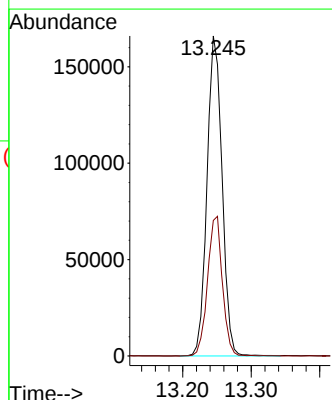
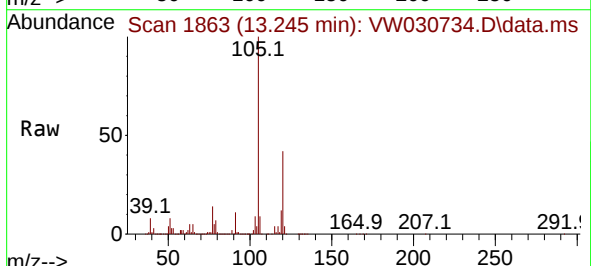
Acq: 23 Oct 2024 19:16

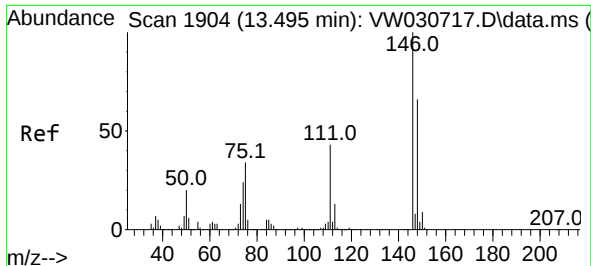
Tgt Ion:105 Resp: 253846

Ion Ratio Lower Upper

105 100

120 43.1 35.8 53.6

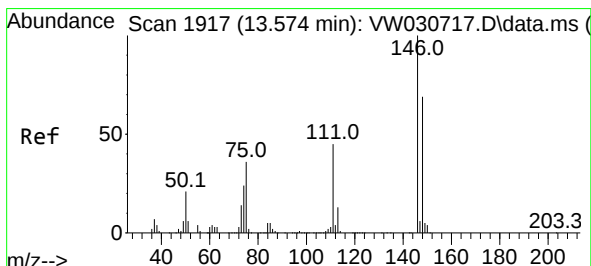
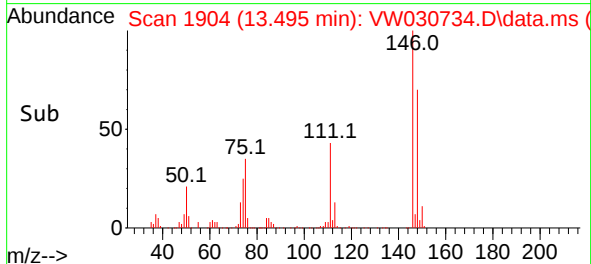
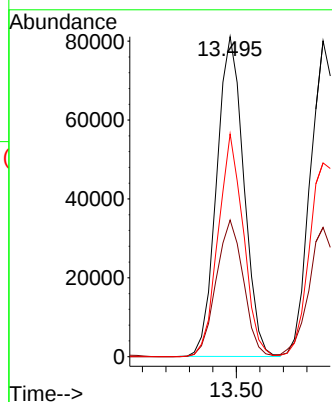
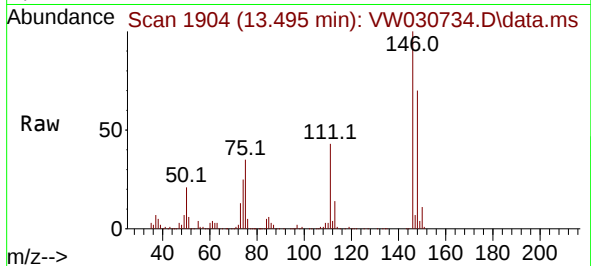




#64
1,3-Dichlorobenzene
Concen: 15.740 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW030734.D
Acq: 23 Oct 2024 19:16

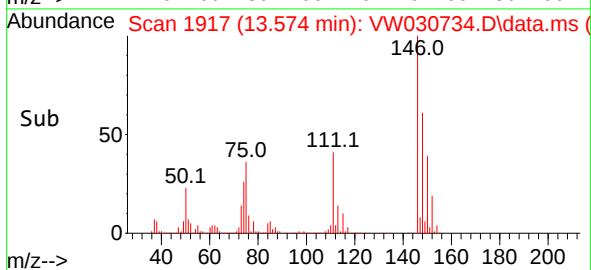
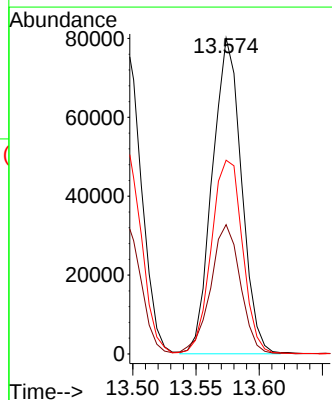
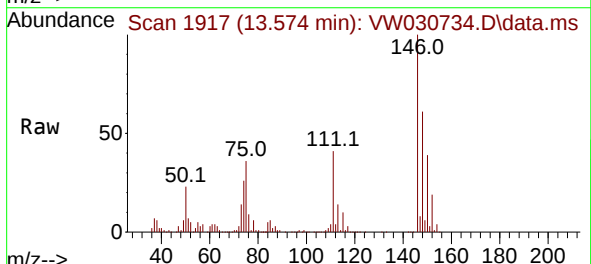
Instrument :
MSVOA_W
ClientSampleId :
A4F40MS

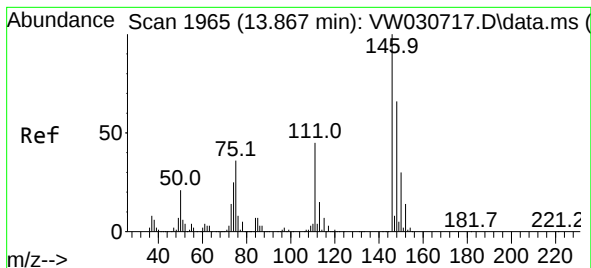
Tgt Ion:146 Resp: 130199
Ion Ratio Lower Upper
146 100
111 42.7 31.2 58.0
148 69.6 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 15.045 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW030734.D
Acq: 23 Oct 2024 19:16

Tgt Ion:146 Resp: 128497
Ion Ratio Lower Upper
146 100
111 40.9 26.8 49.8
148 61.3 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 16.404 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW030734.D

Acq: 23 Oct 2024 19:16

Instrument :

MSVOA_W

ClientSampleId :

A4F40MS

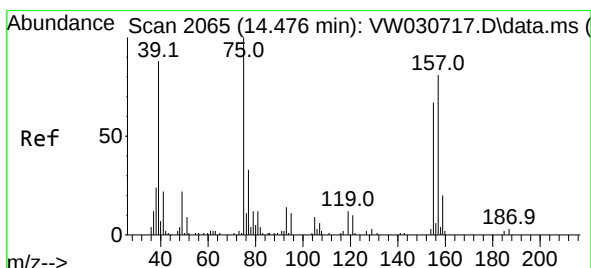
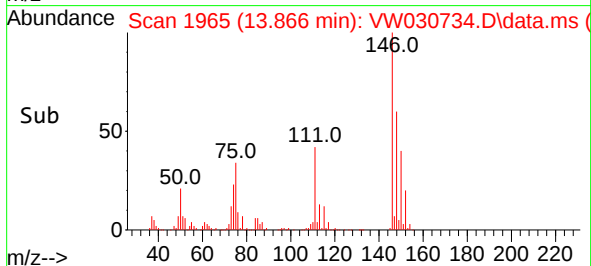
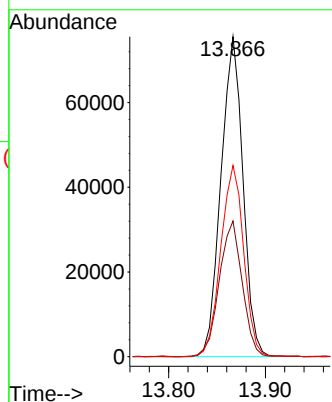
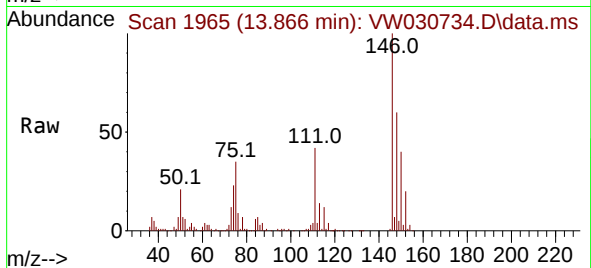
Tgt Ion:146 Resp: 119401

Ion Ratio Lower Upper

146 100

111 42.4 34.6 52.0

148 59.7 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 18.247 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW030734.D

Acq: 23 Oct 2024 19:16

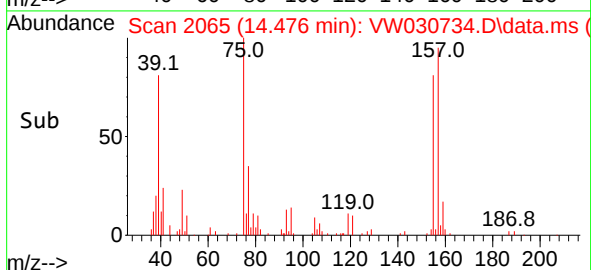
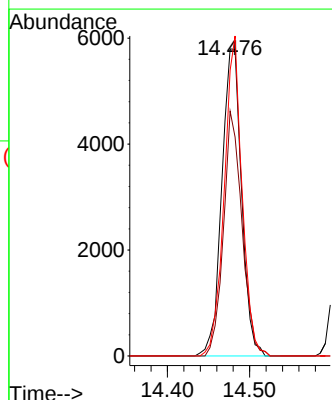
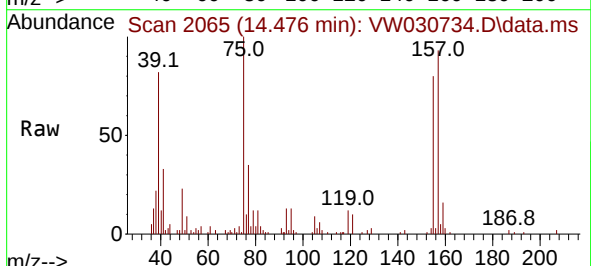
Tgt Ion: 75 Resp: 9715

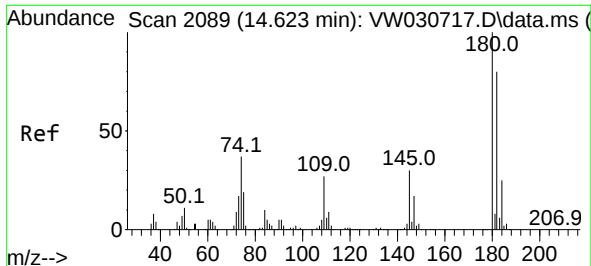
Ion Ratio Lower Upper

75 100

155 79.8 57.9 86.9

157 93.0 69.0 103.6

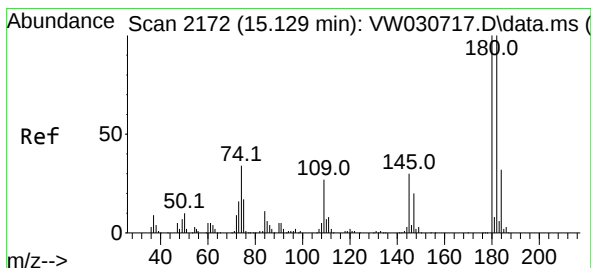
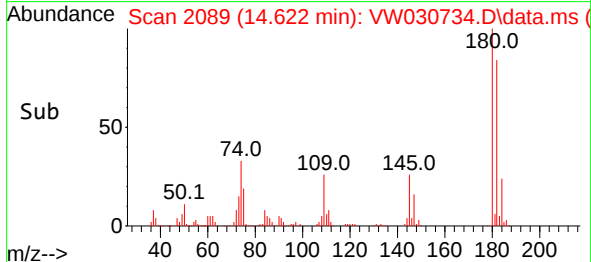
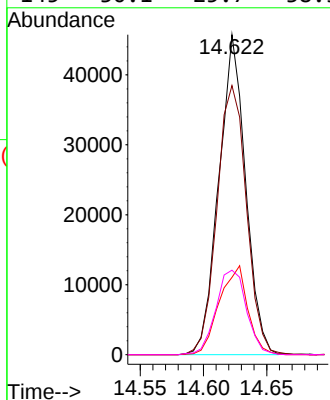
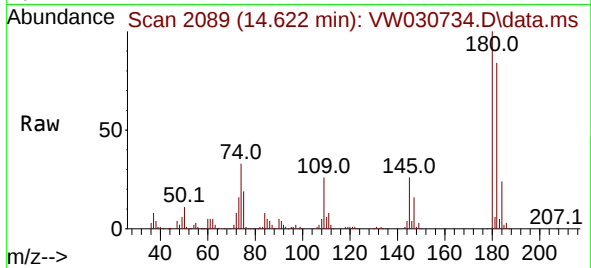




#69
1,3,5-Trichlorobenzene
Concen: 12.339 ug/L
RT: 14.622 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW030734.D
Acq: 23 Oct 2024 19:16

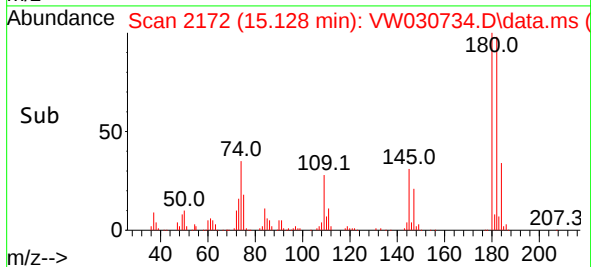
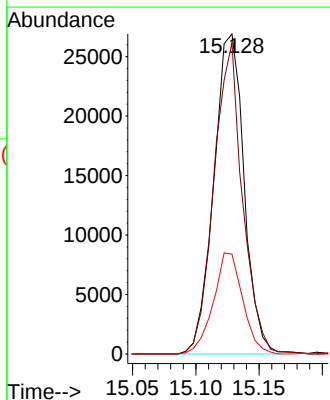
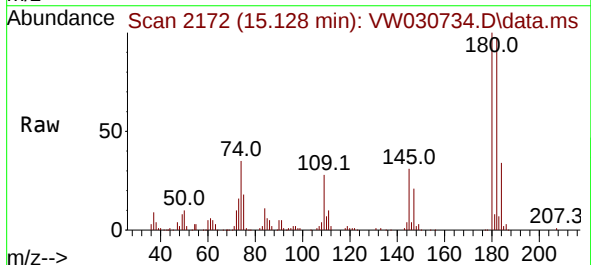
Instrument :
MSVOA_W
ClientSampleId :
A4F40MS

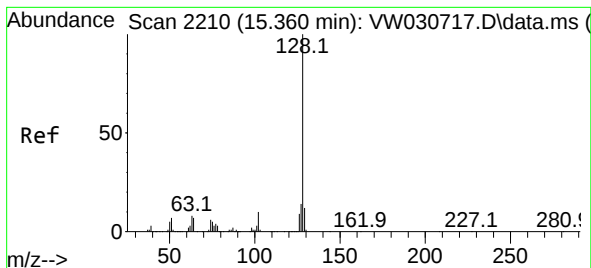
Tgt Ion:180 Resp: 67304
Ion Ratio Lower Upper
180 100
182 92.6 79.9 119.9
184 29.5 25.2 37.8
145 30.1 25.7 38.5



#70
1,2,4-trichlorobenzene
Concen: 10.195 ug/L
RT: 15.128 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW030734.D
Acq: 23 Oct 2024 19:16

Tgt Ion:180 Resp: 44766
Ion Ratio Lower Upper
180 100
182 91.7 75.2 112.8
145 30.7 25.4 38.2





#71

Naphthalene

Concen: 12.242 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW030734.D

Acq: 23 Oct 2024 19:16

Instrument :

MSVOA_W

ClientSampleId :

A4F40MS

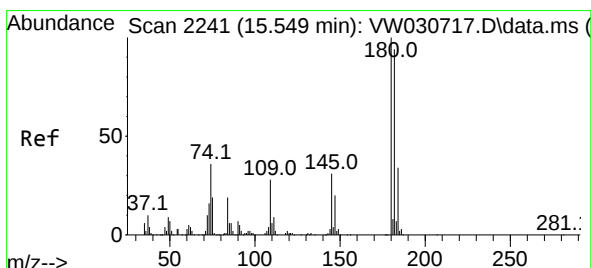
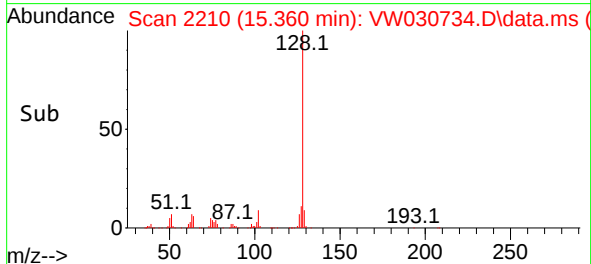
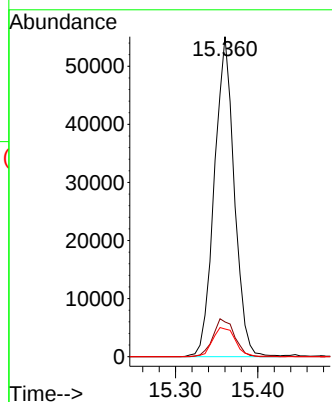
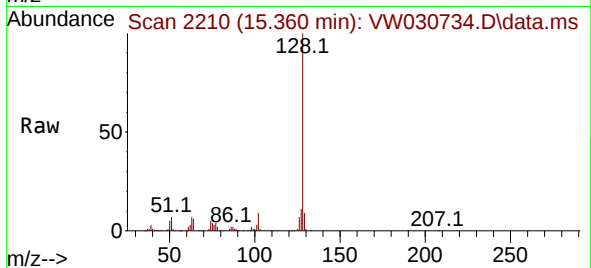
Tgt Ion:128 Resp: 92874

Ion Ratio Lower Upper

128 100

127 12.8 10.9 16.3

129 10.4 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 9.636 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW030734.D

Acq: 23 Oct 2024 19:16

Tgt Ion:180 Resp: 36682

Ion Ratio Lower Upper

180 100

182 91.2 76.2 114.4

145 33.2 27.4 41.2

