

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102424\
 Data File : VW030753.D
 Acq On : 24 Oct 2024 18:42
 Operator : SY/MD
 Sample : PP4492-05MSD
 Misc : 4.63g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 25 01:46:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 25 01:42:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	436651	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	289346	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	75317	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	73345	10.686	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	42.760%
7) Chloroethane-d5	2.899	69	83729	16.116	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.480%
11) 1,1-Dichloroethene-d2	4.021	65	33007	11.562	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.240%
21) 2-Butanone-d5	7.081	46	46880	37.954	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.900%
24) Chloroform-d	7.654	84	262705	21.038	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.160%
26) 1,2-Dichloroethane-d4	8.307	65	121586	18.724	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.880%
32) Benzene-d6	8.276	84	374650	22.309	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.240%
36) 1,2-Dichloropropane-d6	9.276	67	131233	26.624	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.480%
41) Toluene-d8	10.325	98	271237	17.692	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.760%
43) trans-1,3-Dichloroprop...	10.575	79	40060	19.409	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.640%
47) 2-Hexanone-d5	10.922	63	34267	53.975	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.960%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	86503	23.896	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	50529	19.828	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	138262	24.783	ug/L	96
3) Chloromethane	2.229	50	154835	23.880	ug/L	97
5) Vinyl chloride	2.375	62	205218	25.736	ug/L	100
6) Bromomethane	2.789	94	126366	24.077	ug/L	97
8) Chloroethane	2.942	64	136494	28.002	ug/L	98
9) Trichlorofluoromethane	3.271	101	197537	27.686	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	167984	26.169	ug/L	98
13) Acetone	4.119	43	45955	25.413	ug/L	97
14) Carbon disulfide	4.393	76	336328	17.581	ug/L	99
15) Methyl Acetate	4.667	43	41159	18.426	ug/L	95
16) Methylene chloride	4.923	84	172748	26.169	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	163599	25.880	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	282414	31.921	ug/L	99
19) 1,1-Dichloroethane	6.222	63	346897	29.526	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	194420	28.834	ug/L	98
22) 2-Butanone	7.167	43	73239	37.573	ug/L	97
23) Bromochloromethane	7.514	128	76845	26.052	ug/L	93
25) Chloroform	7.679	83	359893	28.664	ug/L	99
27) 1,2-Dichloroethane	8.398	62	209703	25.317	ug/L	100

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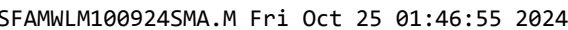
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 ClientSampleId :

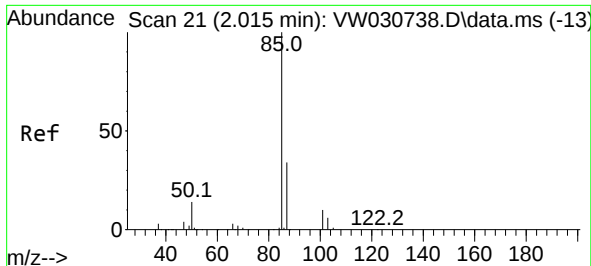
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 Quant Title : SFAM01.0
 QLast Update : Fri Oct 25 01:42:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	233198	33.109	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	288428	37.551	ug/L	100
31) Carbon tetrachloride	8.075	117	242135	35.295	ug/L	99
33) Benzene	8.325	78	701761	37.270	ug/L	100
34) Trichloroethene	9.093	95	176160	33.628	ug/L	97
35) Methylcyclohexane	9.337	83	221153	26.826	ug/L	99
37) 1,2-Dichloropropane	9.368	63	178720	38.004	ug/L	100
38) Bromodichloromethane	9.642	83	226527	36.205	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	207788	29.293	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	163442	72.344	ug/L	100
42) Toluene	10.386	91	685932	34.146	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	168265	28.229	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	113306	33.337	ug/L	97
46) Tetrachloroethene	10.861	164	105950	27.422	ug/L	97
48) 2-Hexanone	10.965	43	110635	59.882	ug/L	94
49) Dibromochloromethane	11.123	129	117680	31.031	ug/L	95
50) 1,2-Dibromoethane	11.233	107	93754	29.562	ug/L	87
51) Chlorobenzene	11.654	112	347270	26.855	ug/L	96
52) Ethylbenzene	11.727	91	623528	27.202	ug/L	99
53) m,p-Xylene	11.837	106	220397	25.665	ug/L	94
54) o-Xylene	12.160	106	212489	26.765	ug/L	96
55) Styrene	12.178	104	322068	23.730	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	97699	25.490	ug/L	100
59) Bromoform	12.349	173	53556	50.611	ug/L	99
60) Isopropylbenzene	12.458	105	515659	44.210	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	76810	52.409	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	342131	37.181	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	312885	34.728	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	144354	28.433	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	138453	26.411	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	122679	27.460	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	11785	36.063	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	51205	15.295	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	33521	12.437	ug/L	98
71) Naphthalene	15.360	128	74130	15.920	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	23867	10.215	ug/L	98

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

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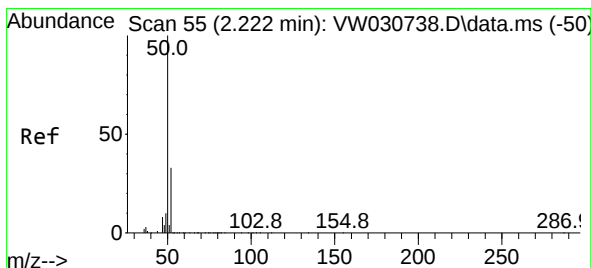
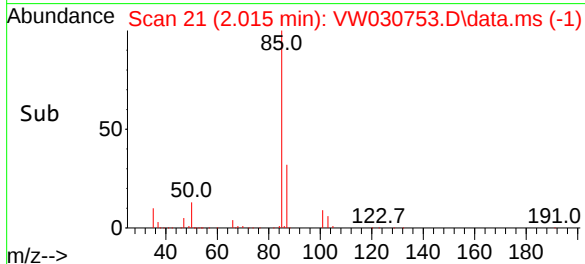
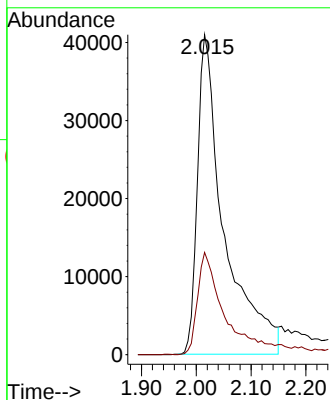
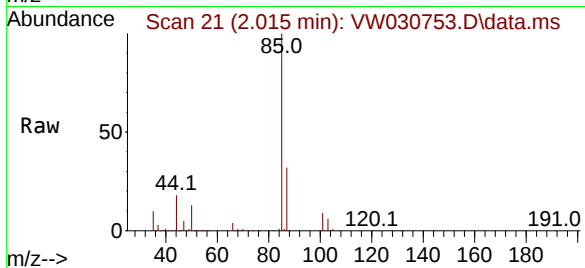




#2
 Dichlorodifluoromethane
 Concen: 24.783 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030753.D
 Acq: 24 Oct 2024 18:42

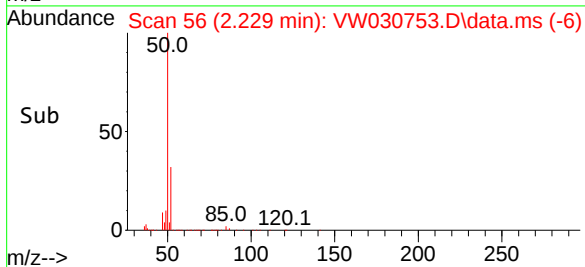
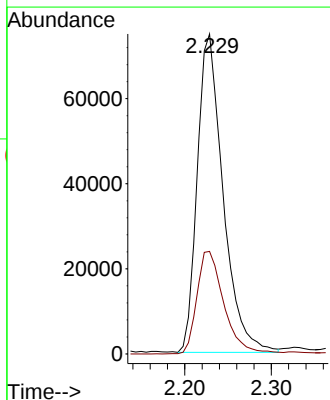
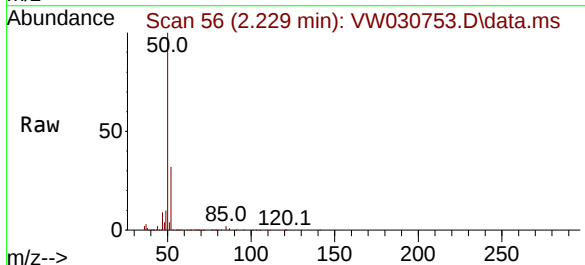
Instrument :
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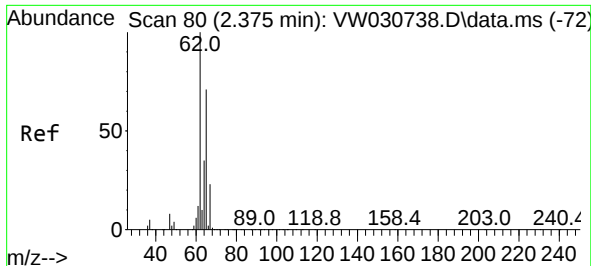
Tgt Ion: 85 Resp: 138262
 Ion Ratio Lower Upper
 85 100
 87 27.5 23.8 35.6



#3
 Chloromethane
 Concen: 23.880 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW030753.D
 Acq: 24 Oct 2024 18:42

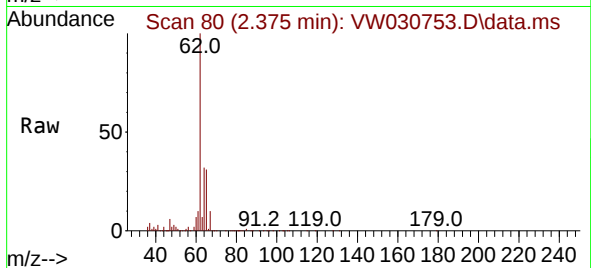
Tgt Ion: 50 Resp: 154835
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.7 43.9



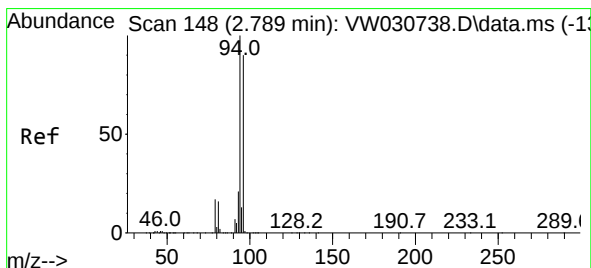
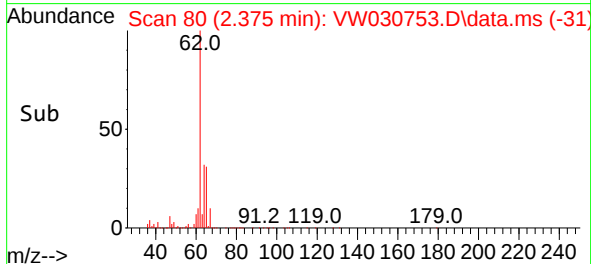
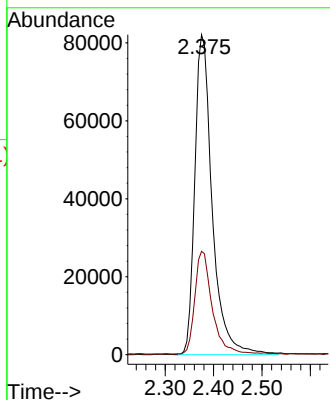


#5
 Vinyl chloride
 Concen: 25.736 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030753.D
 Acq: 24 Oct 2024 18:42

Instrument :
 MSVOA_W
 ClientSampleId :

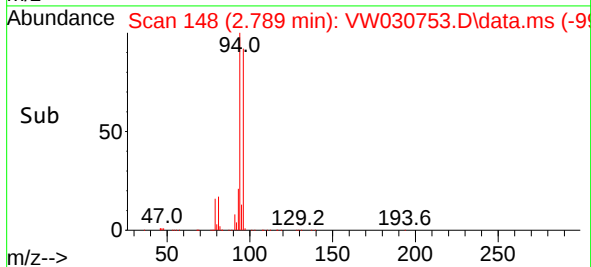
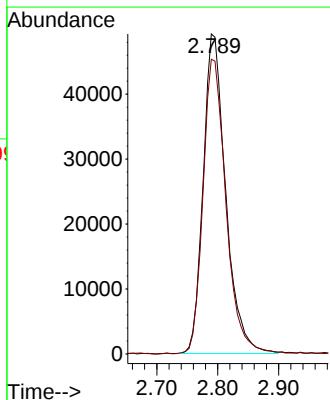
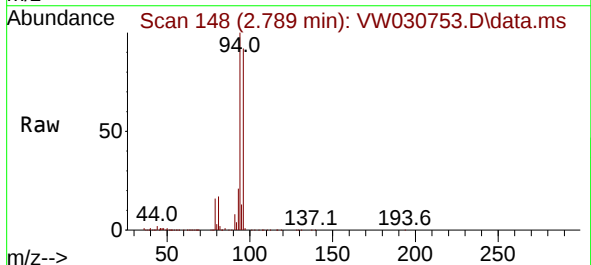


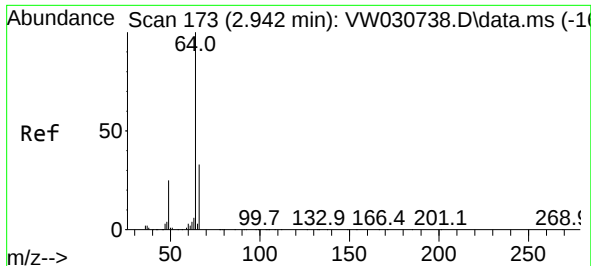
Tgt Ion: 62 Resp: 205218
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.6 42.0



#6
 Bromomethane
 Concen: 24.077 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW030753.D
 Acq: 24 Oct 2024 18:42

Tgt Ion: 94 Resp: 126366
 Ion Ratio Lower Upper
 94 100
 96 92.1 62.6 116.2

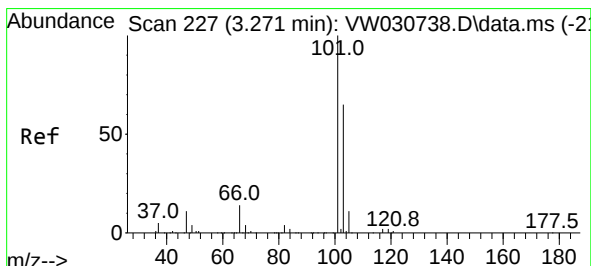
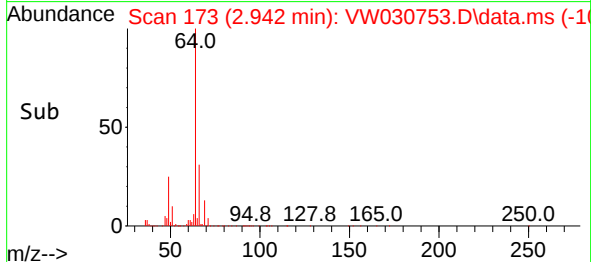
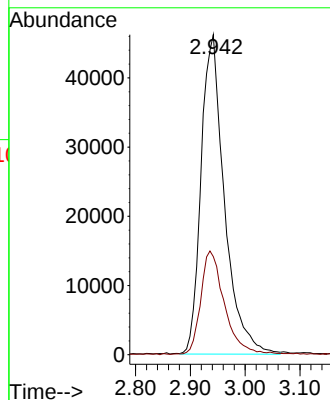
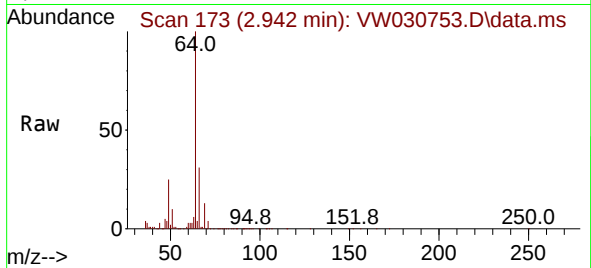




#8
Chloroethane
Concen: 28.002 ug/L
RT: 2.942 min Scan# 173
Delta R.T. 0.000 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

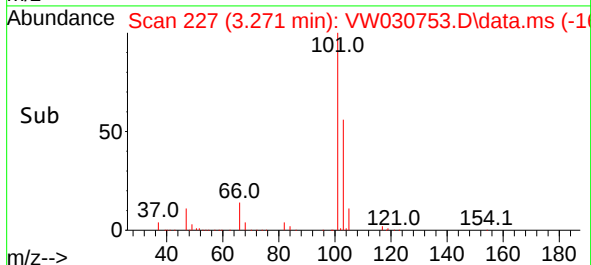
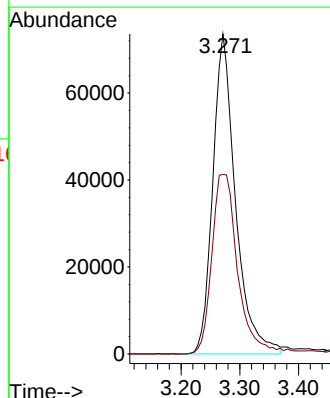
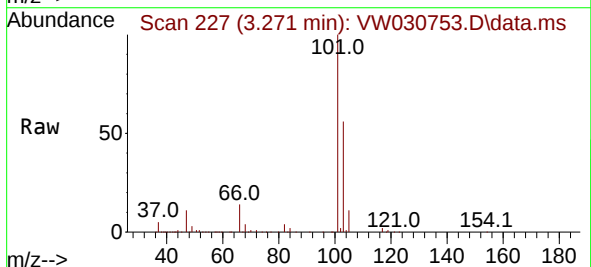
Instrument :
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ClientSampleId :

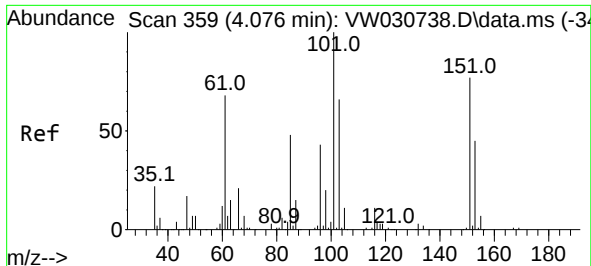
Tgt Ion: 64 Resp: 136494
Ion Ratio Lower Upper
64 100
66 30.6 22.3 41.5



#9
Trichlorofluoromethane
Concen: 27.686 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

Tgt Ion: 101 Resp: 197537
Ion Ratio Lower Upper
101 100
103 63.5 51.1 76.7

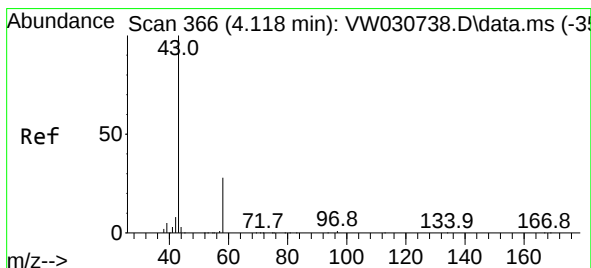
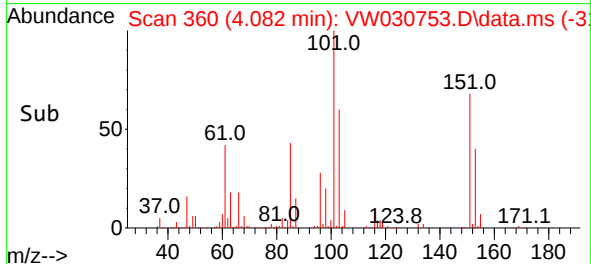
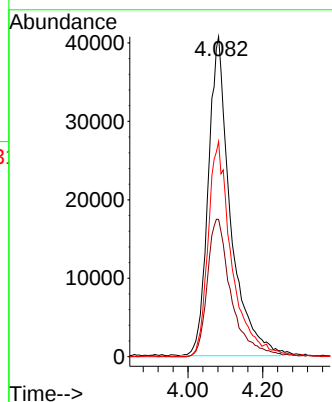
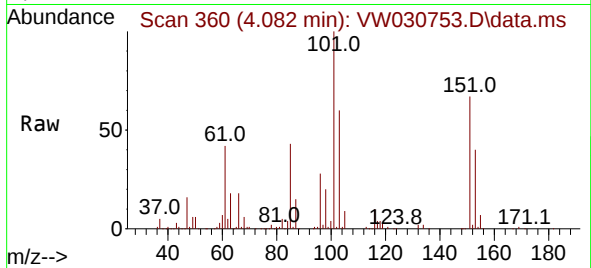




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.169 ug/L
 RT: 4.082 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: VW030753.D
 Acq: 24 Oct 2024 18:42

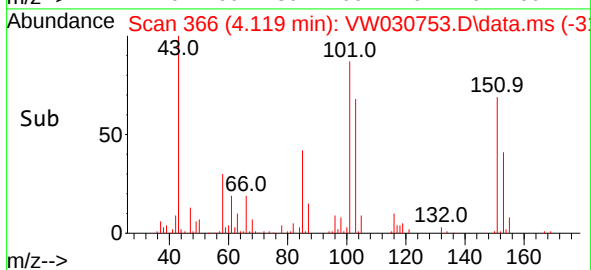
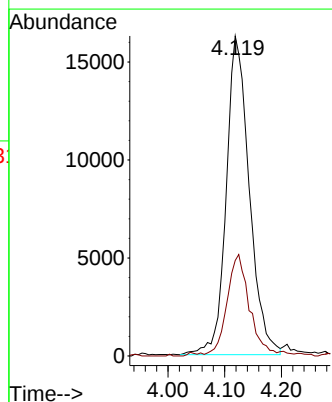
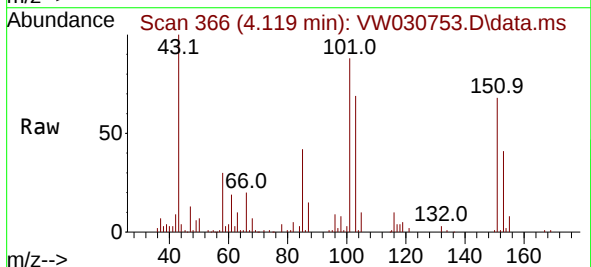
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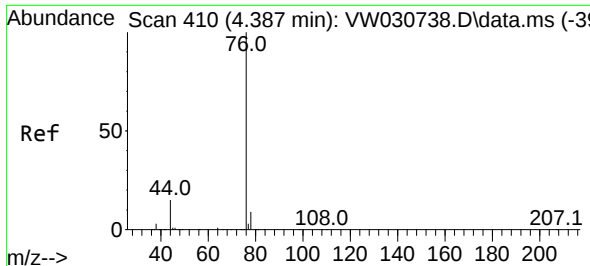
Tgt Ion:101 Resp: 167984
 Ion Ratio Lower Upper
 101 100
 85 46.3 35.7 53.5
 151 69.4 56.1 84.1



#13
 Acetone
 Concen: 25.413 ug/L
 RT: 4.119 min Scan# 366
 Delta R.T. 0.000 min
 Lab File: VW030753.D
 Acq: 24 Oct 2024 18:42

Tgt Ion: 43 Resp: 45955
 Ion Ratio Lower Upper
 43 100
 58 30.6 0.0 57.6

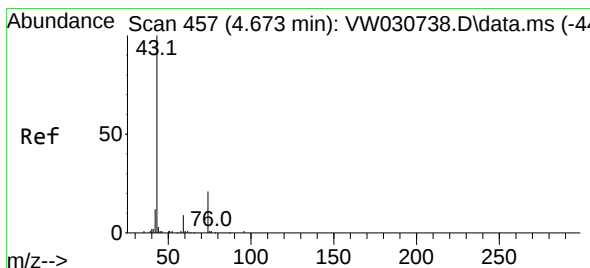
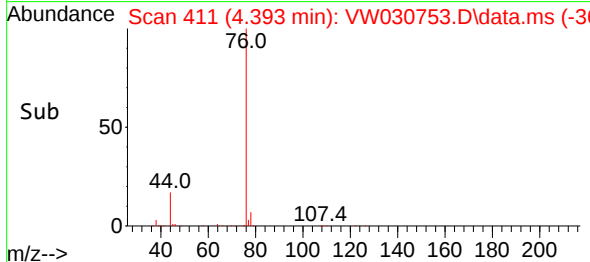
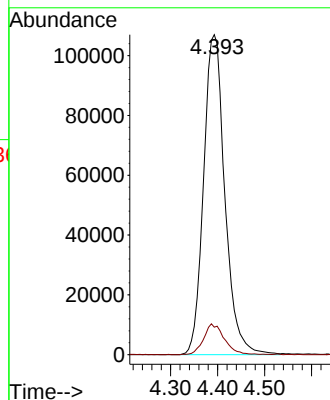
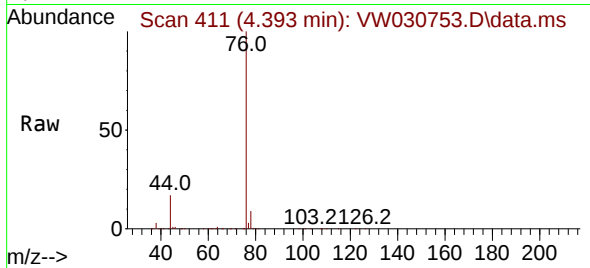




#14
Carbon disulfide
Concen: 17.581 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

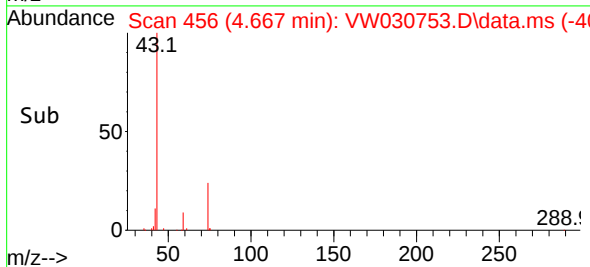
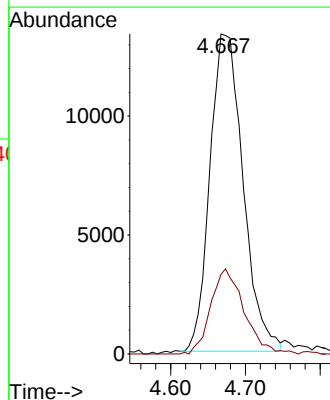
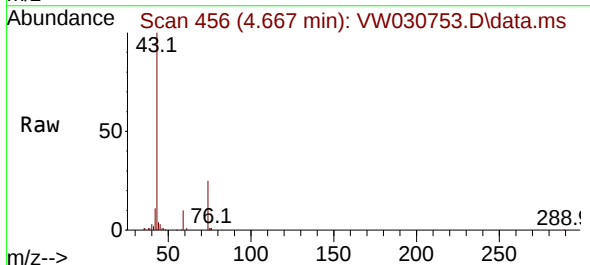
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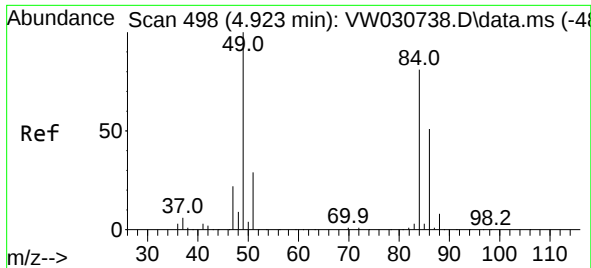
Tgt Ion: 76 Resp: 336328
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7



#15
Methyl Acetate
Concen: 18.426 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

Tgt Ion: 43 Resp: 41159
Ion Ratio Lower Upper
43 100
74 26.5 19.3 28.9

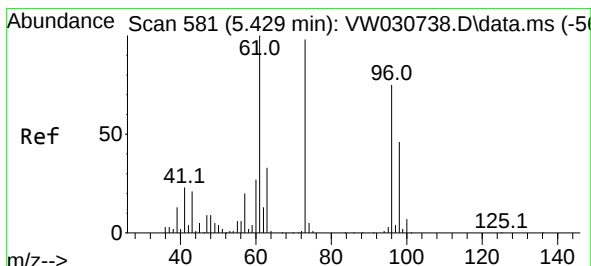
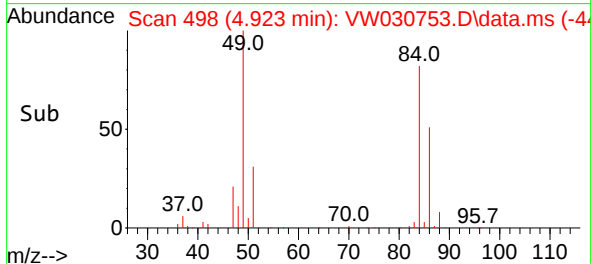
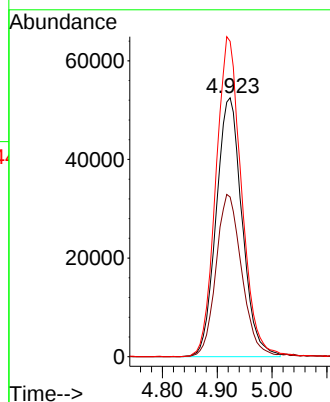
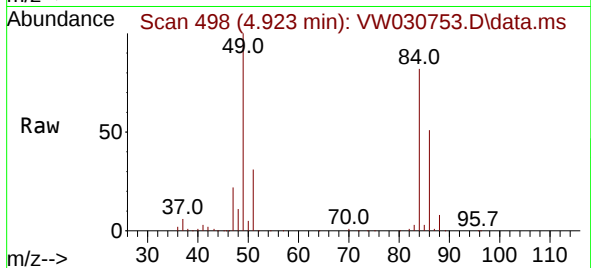




#16
Methylene chloride
Concen: 26.169 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

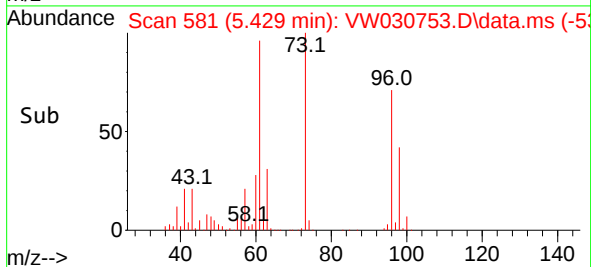
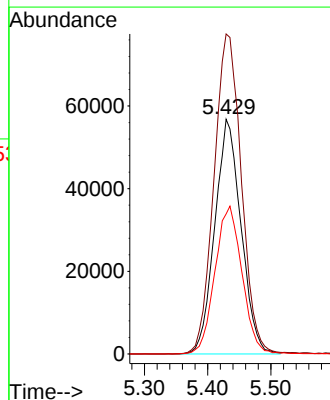
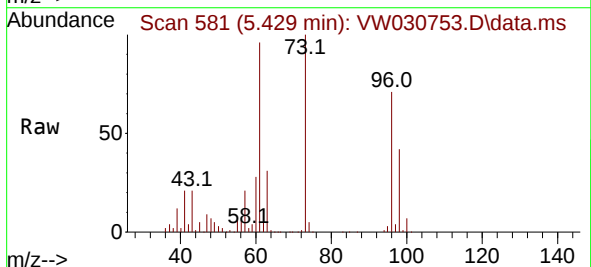
Instrument :
MSVOA_W
ClientSampleId :

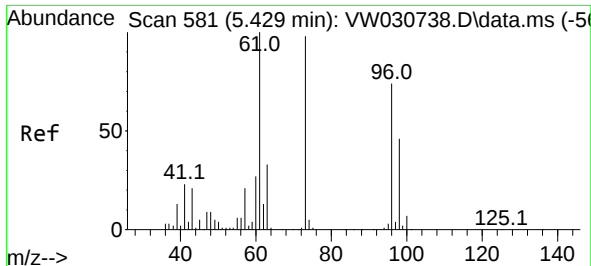
Tgt Ion: 84 Resp: 172748
Ion Ratio Lower Upper
84 100
86 61.7 43.8 81.3
49 121.9 88.3 164.1



#17
trans-1,2-Dichloroethene
Concen: 25.880 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

Tgt Ion: 96 Resp: 163599
Ion Ratio Lower Upper
96 100
61 136.3 96.9 179.9
98 59.6 42.2 78.4

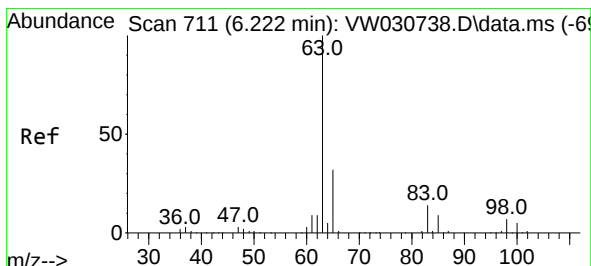
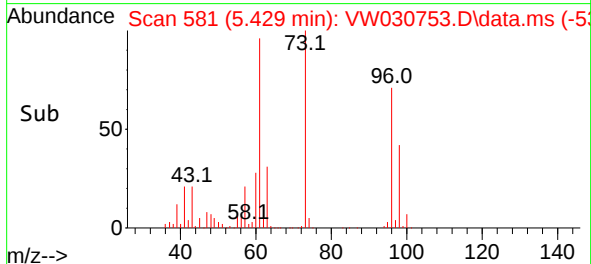
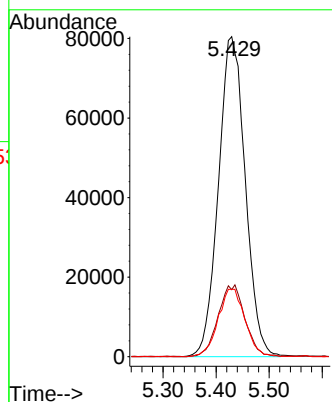
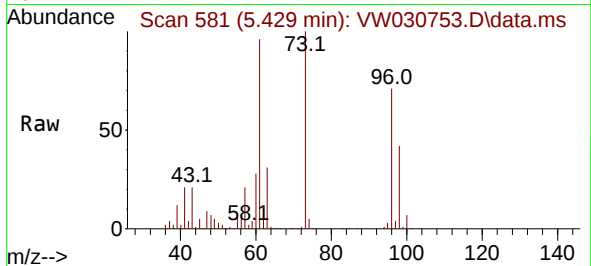




#18
Methyl tert-butyl Ether
Concen: 31.921 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

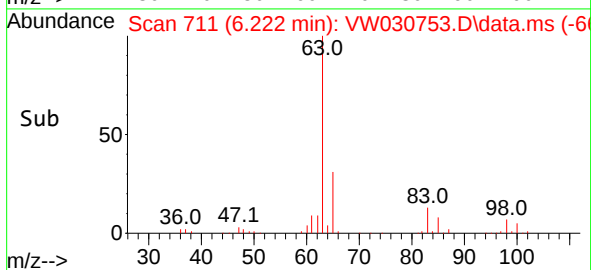
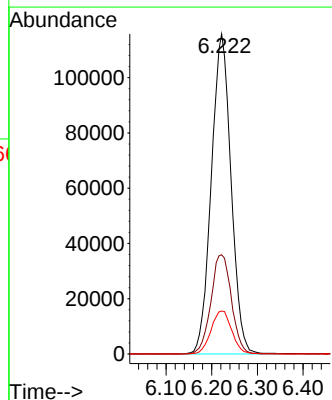
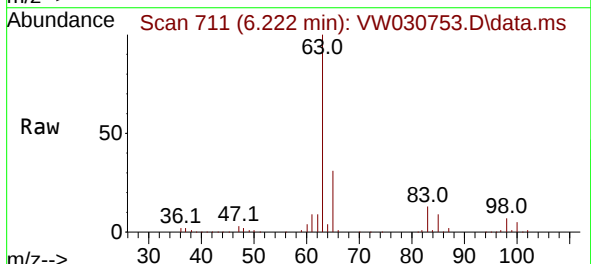
Instrument :
MSVOA_W
ClientSampleId :

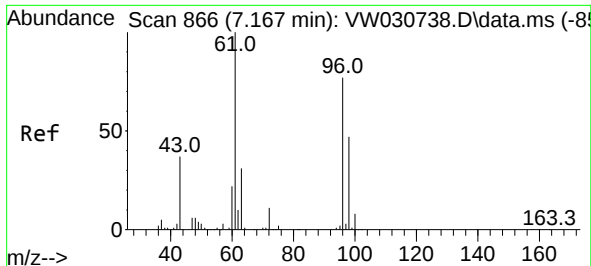
Tgt Ion: 73 Resp: 282414
Ion Ratio Lower Upper
73 100
43 22.5 18.1 27.1
57 21.3 17.7 26.5



#19
1,1-Dichloroethane
Concen: 29.526 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.000 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

Tgt Ion: 63 Resp: 346897
Ion Ratio Lower Upper
63 100
65 31.0 22.5 41.9
83 13.4 9.8 18.2

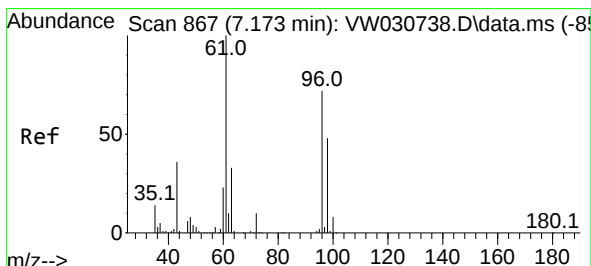
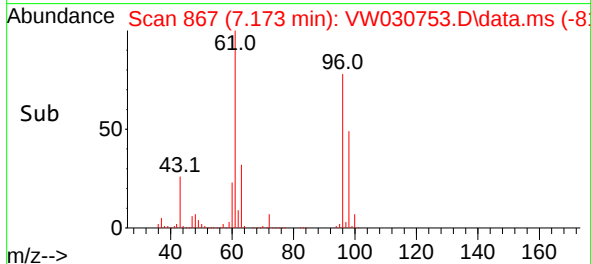
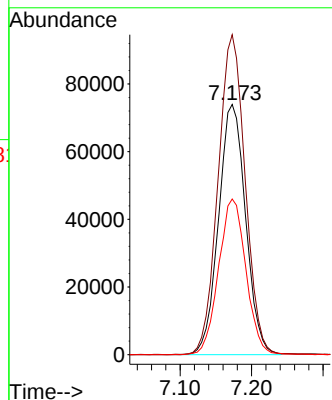
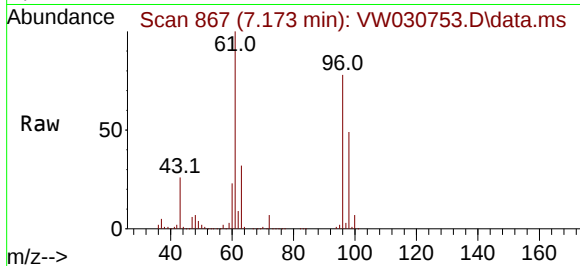




#20
 cis-1,2-Dichloroethene
 Concen: 28.834 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VW030753.D
 Acq: 24 Oct 2024 18:42

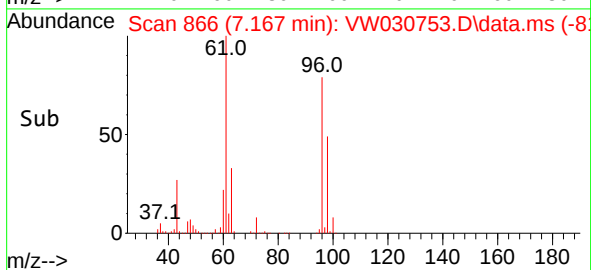
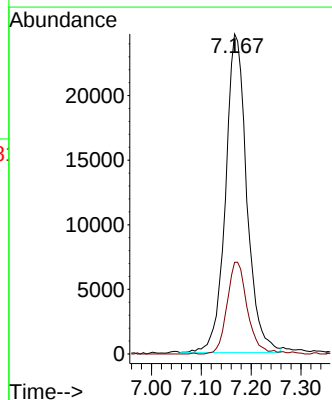
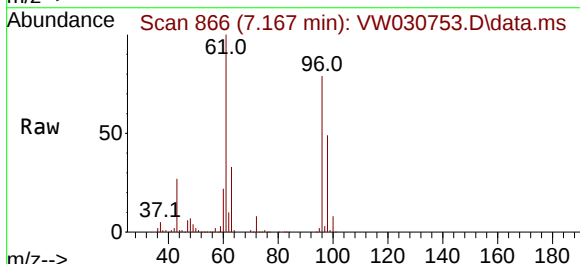
Instrument :
 MSVOA_W
 ClientSampleId :

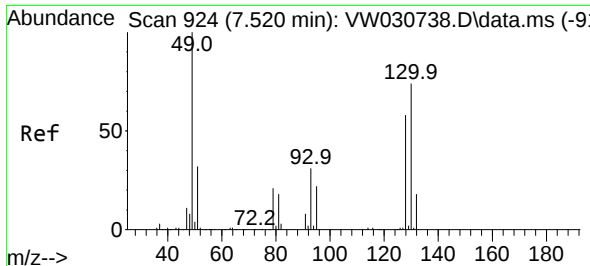
Tgt Ion: 96 Resp: 194420
 Ion Ratio Lower Upper
 96 100
 61 127.9 88.3 163.9
 98 62.2 41.3 76.7



#22
 2-Butanone
 Concen: 37.573 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.006 min
 Lab File: VW030753.D
 Acq: 24 Oct 2024 18:42

Tgt Ion: 43 Resp: 73239
 Ion Ratio Lower Upper
 43 100
 72 27.0 14.4 43.0

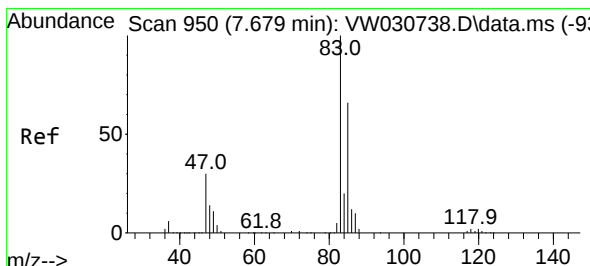
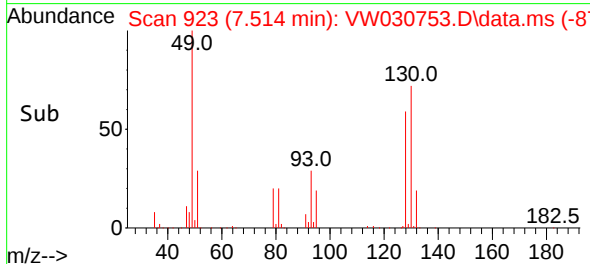
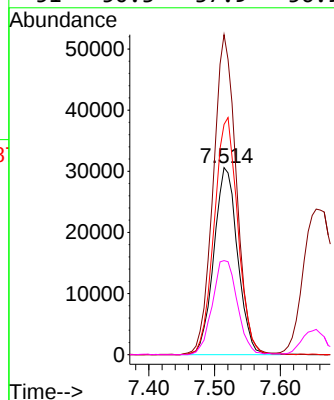
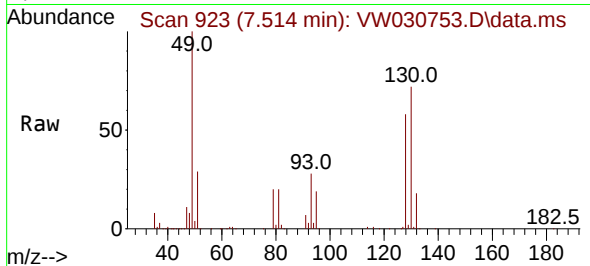




#23
Bromochloromethane
Concen: 26.052 ug/L
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

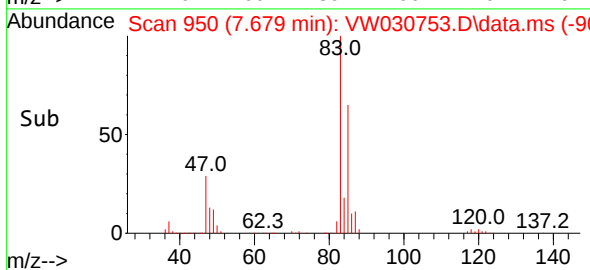
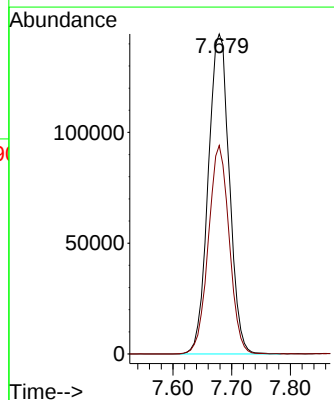
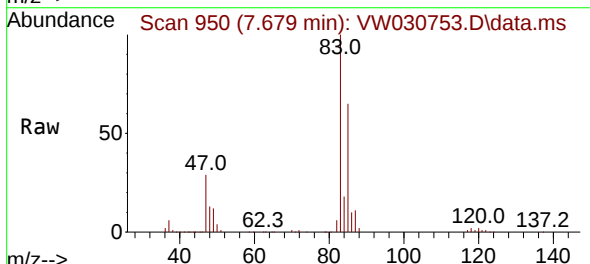
Instrument :
MSVOA_W
ClientSampleId :

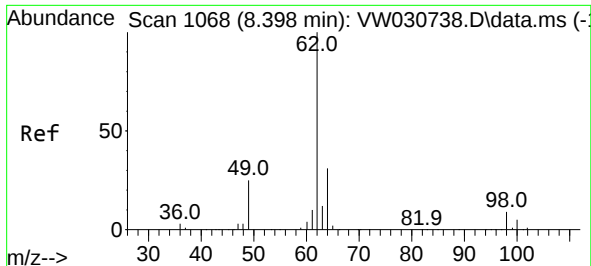
Tgt Ion:128 Resp: 76845
Ion Ratio Lower Upper
128 100
49 171.1 110.1 204.5
130 123.2 82.9 153.9
51 50.3 37.9 56.9



#25
Chloroform
Concen: 28.664 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

Tgt Ion: 83 Resp: 359893
Ion Ratio Lower Upper
83 100
85 65.2 45.1 83.7





#27

1,2-Dichloroethane

Concen: 25.317 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030753.D

Acq: 24 Oct 2024 18:42

Instrument :

MSVOA_W

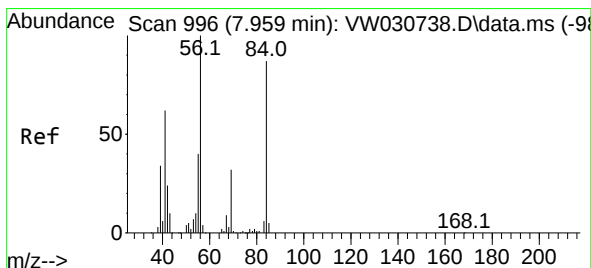
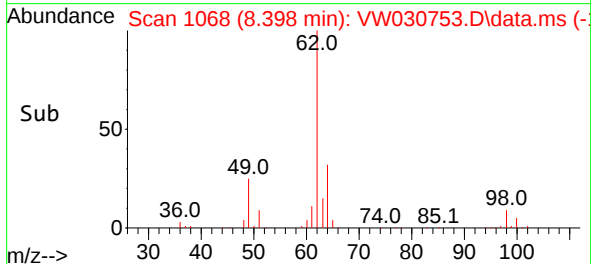
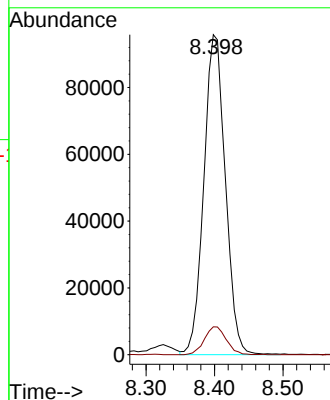
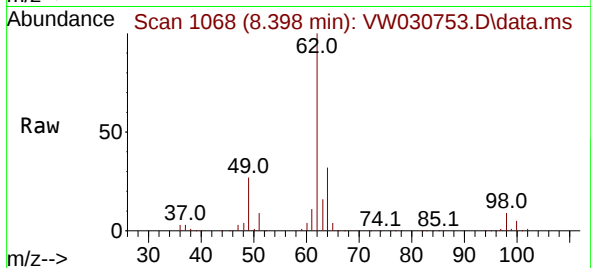
ClientSampleId :

Tgt Ion: 62 Resp: 209703

Ion Ratio Lower Upper

62 100

98 8.7 7.0 10.6



#29

Cyclohexane

Concen: 33.109 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW030753.D

Acq: 24 Oct 2024 18:42

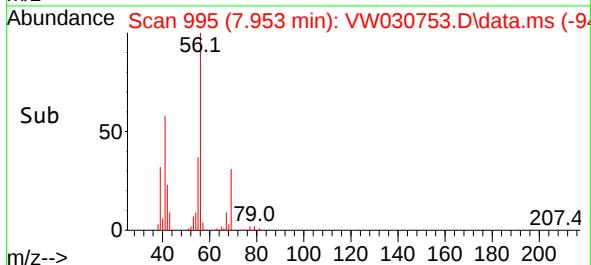
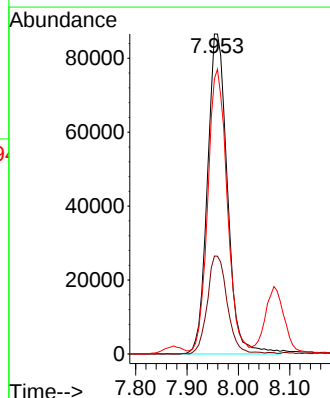
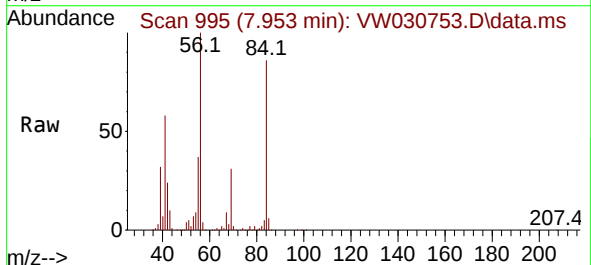
Tgt Ion: 56 Resp: 233198

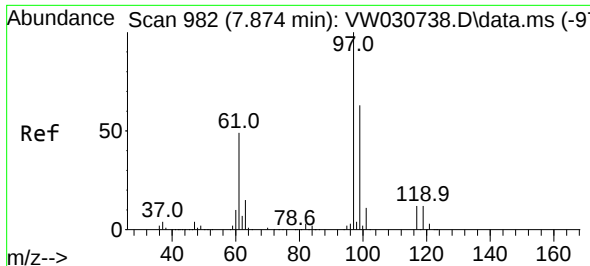
Ion Ratio Lower Upper

56 100

69 30.4 25.4 38.0

84 86.3 72.3 108.5

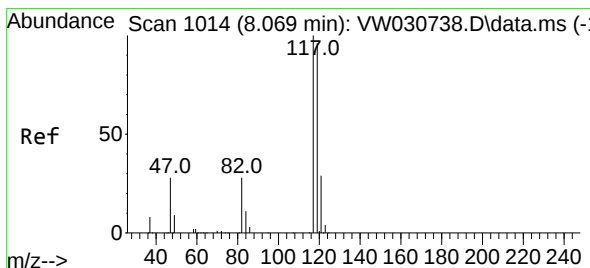
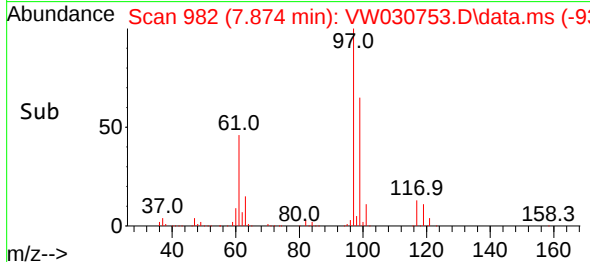
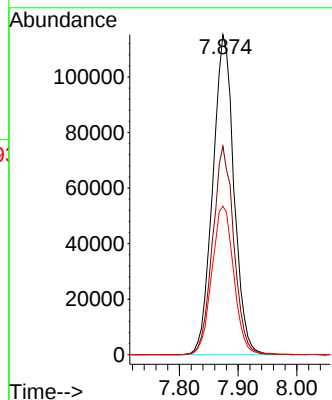
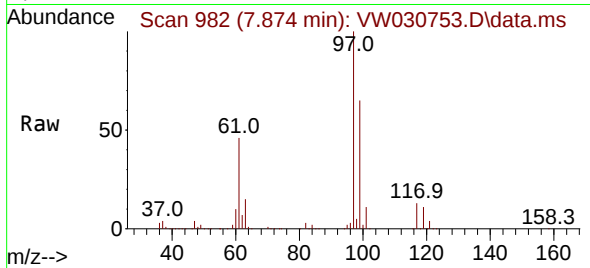




#30
1,1,1-Trichloroethane
Concen: 37.551 ug/L
RT: 7.874 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

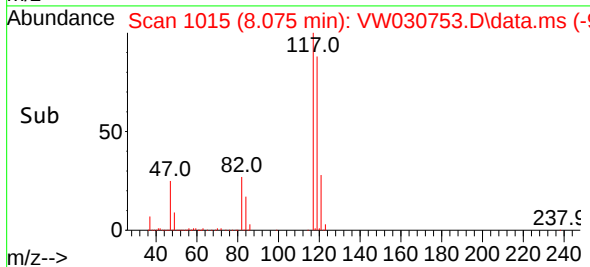
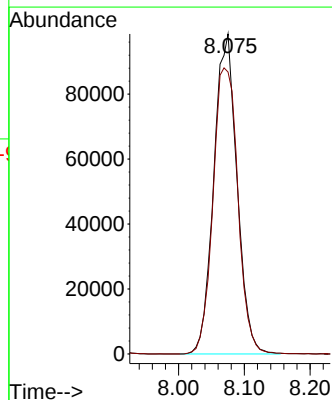
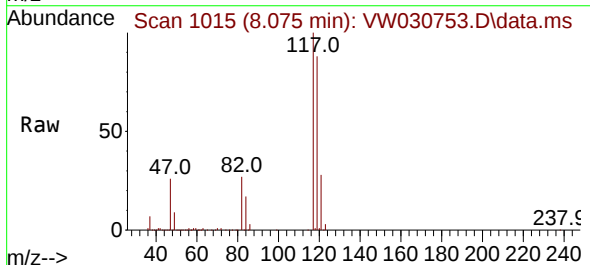
Instrument :
MSVOA_W
ClientSampleId :

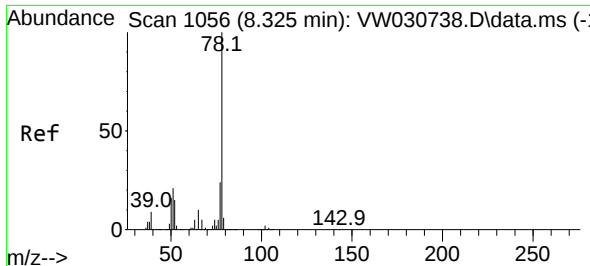
Tgt Ion: 97 Resp: 288428
Ion Ratio Lower Upper
97 100
99 65.1 52.3 78.5
61 48.2 38.5 57.7



#31
Carbon tetrachloride
Concen: 35.295 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

Tgt Ion: 117 Resp: 242135
Ion Ratio Lower Upper
117 100
119 95.9 77.8 116.8

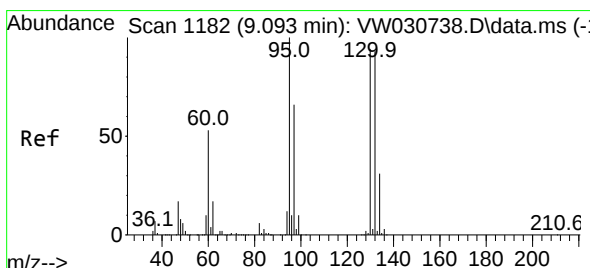
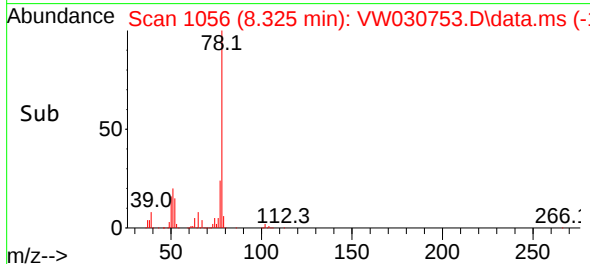
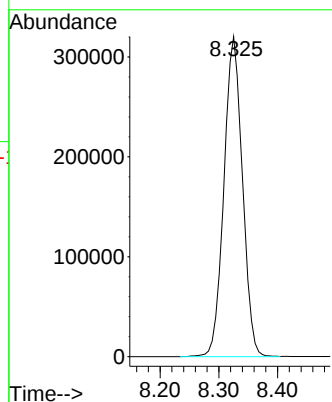
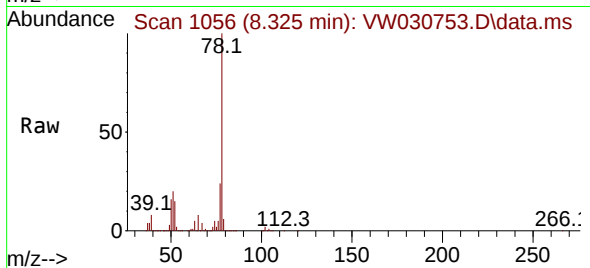




#33
Benzene
Concen: 37.270 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

Instrument :
MSVOA_W
ClientSampleId :

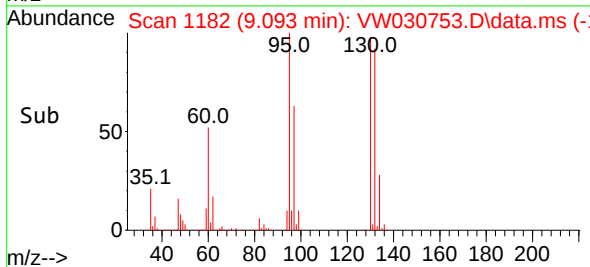
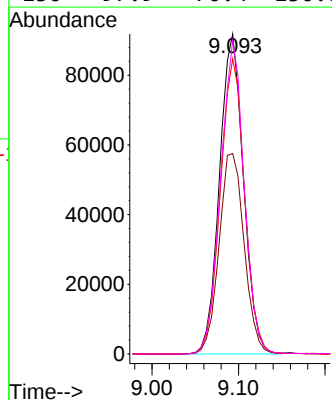
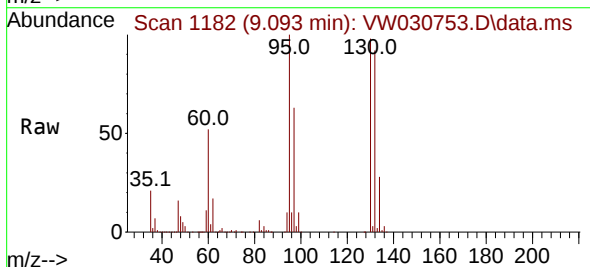
Tgt Ion: 78 Resp: 701761

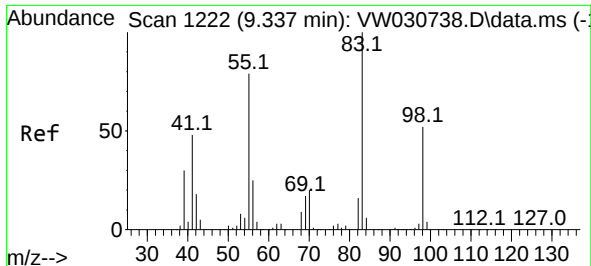


#34
Trichloroethene
Concen: 33.628 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

Tgt Ion: 95 Resp: 176160

Ion	Ratio	Lower	Upper
95	100		
97	62.6	45.9	85.3
132	92.2	66.4	123.2
130	97.9	70.4	130.8

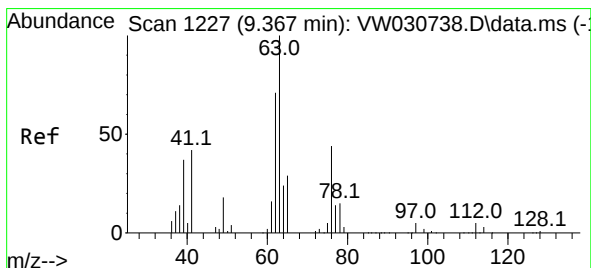
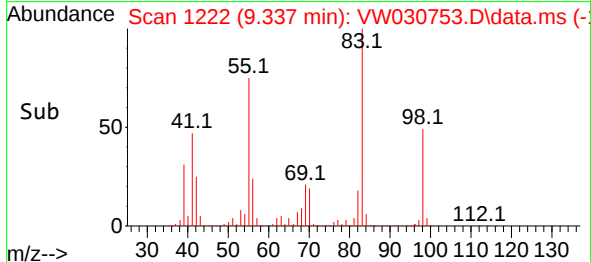
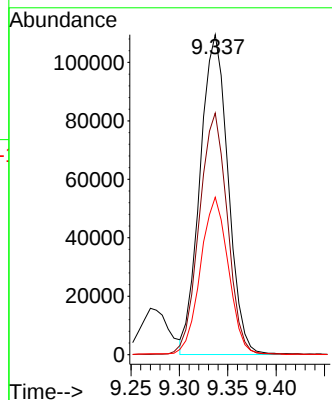
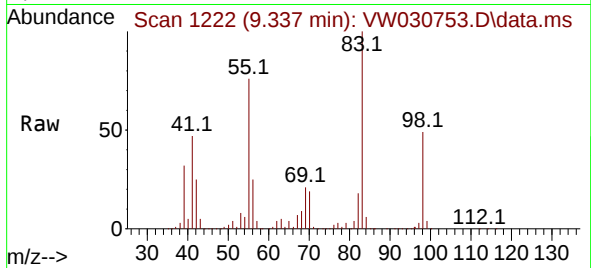




#35
Methylcyclohexane
Concen: 26.826 ug/L
RT: 9.337 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

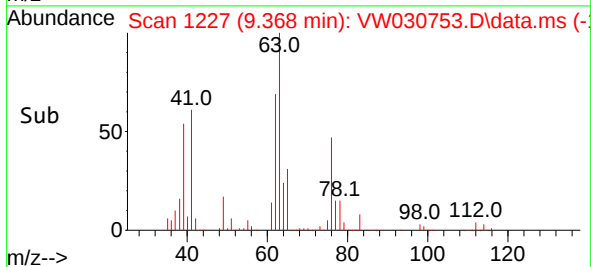
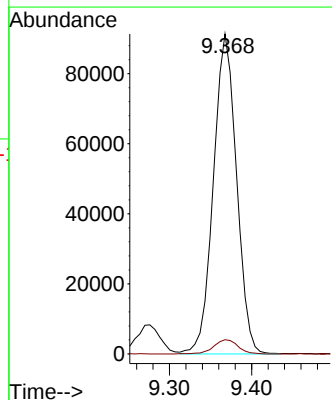
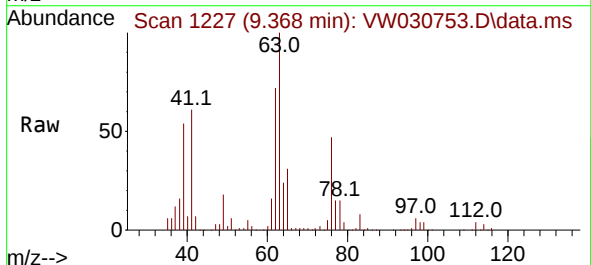
Instrument :
MSVOA_W
ClientSampleId :

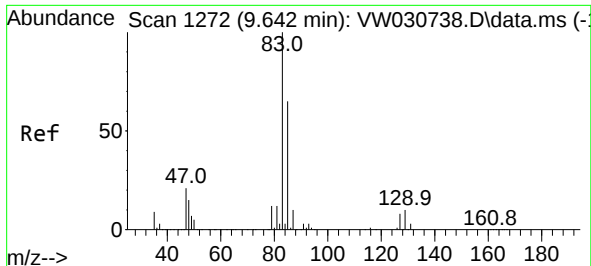
Tgt Ion: 83 Resp: 221153
Ion Ratio Lower Upper
83 100
55 75.5 61.8 92.8
98 49.1 39.3 58.9



#37
1,2-Dichloropropane
Concen: 38.004 ug/L
RT: 9.368 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

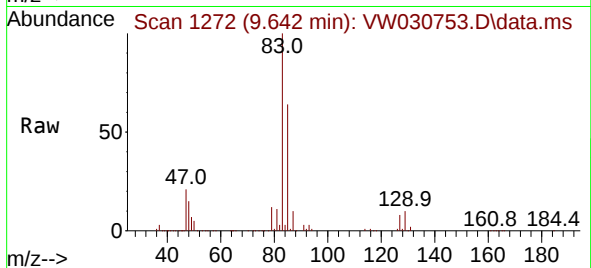
Tgt Ion: 63 Resp: 178720
Ion Ratio Lower Upper
63 100
112 4.6 3.7 5.5



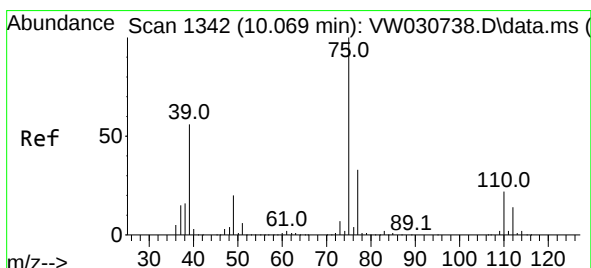
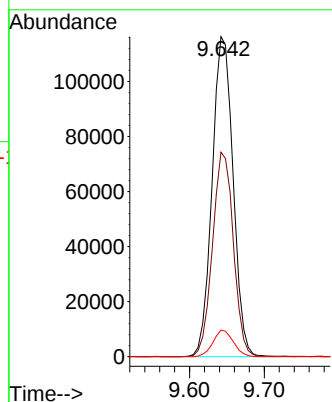
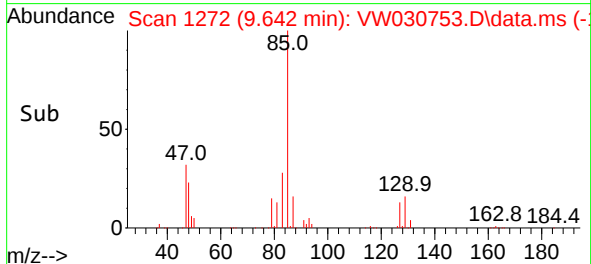


#38
Bromodichloromethane
Concen: 36.205 ug/L
RT: 9.642 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

Instrument :
MSVOA_W
ClientSampleId :

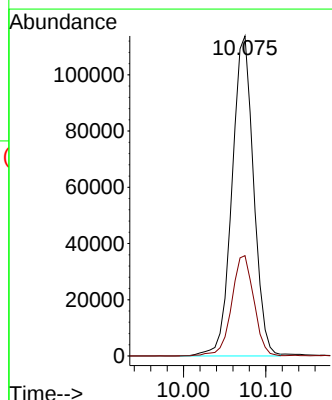
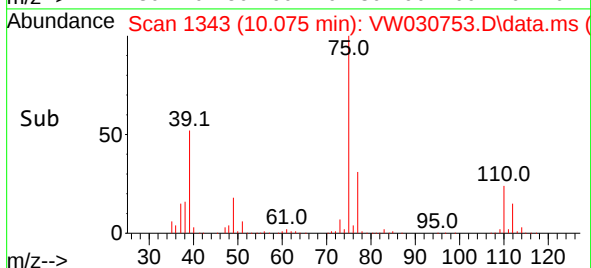
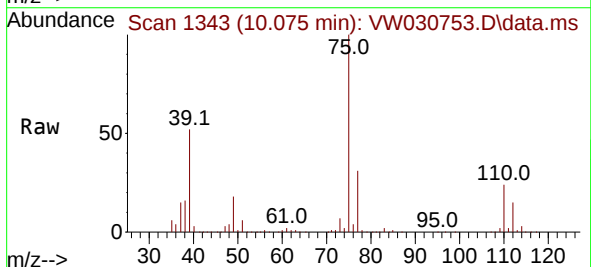


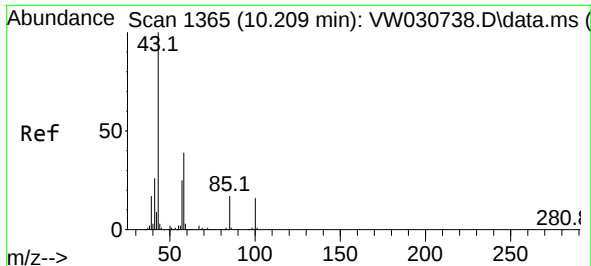
Tgt Ion: 83 Resp: 226527
Ion Ratio Lower Upper
83 100
85 63.9 44.2 82.0
127 8.3 6.2 9.4



#39
cis-1,3-Dichloropropene
Concen: 29.293 ug/L
RT: 10.075 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

Tgt Ion: 75 Resp: 207788
Ion Ratio Lower Upper
75 100
77 31.3 21.1 39.1

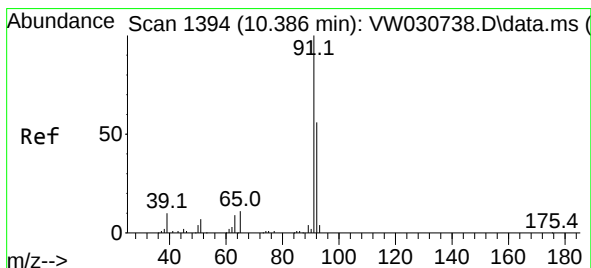
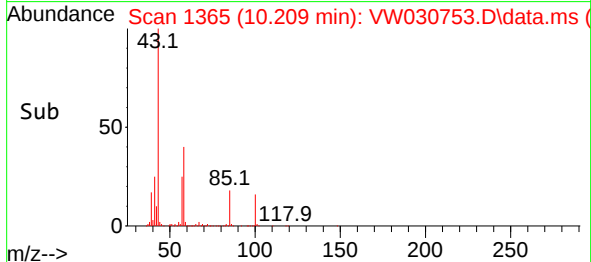
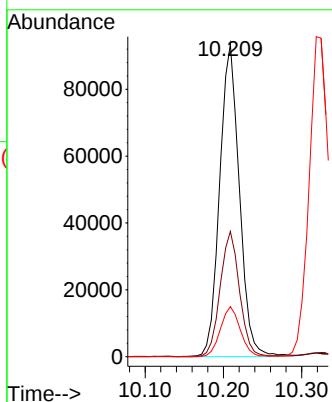
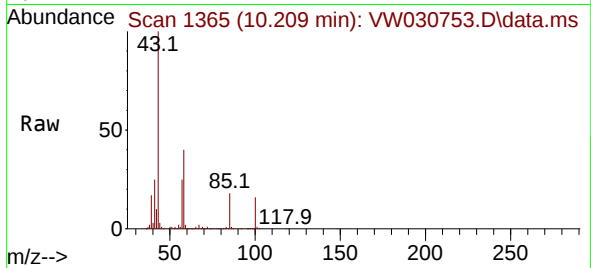




#40
4-Methyl-2-pentanone
Concen: 72.344 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

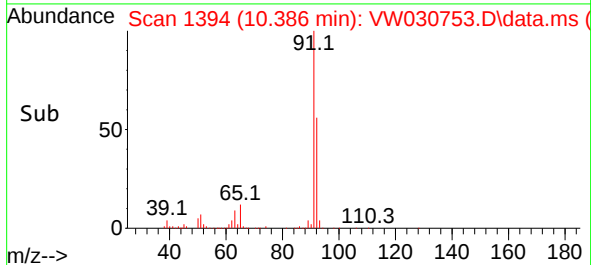
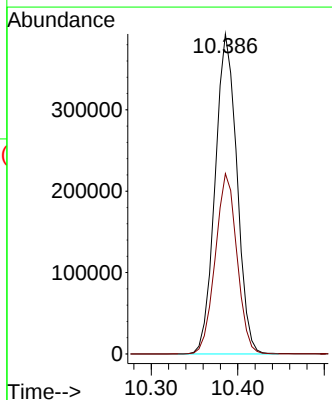
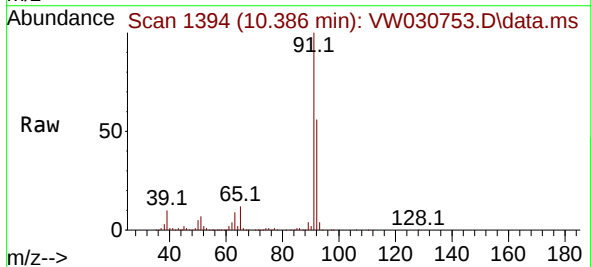
Instrument :
MSVOA_W
ClientSampleId :

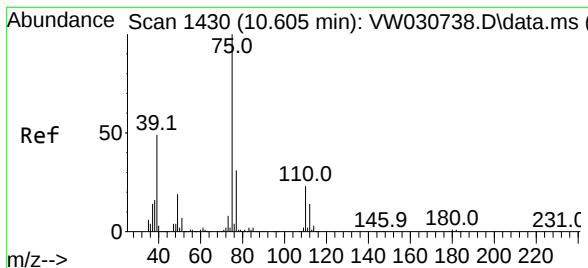
Tgt Ion: 43 Resp: 163442
Ion Ratio Lower Upper
43 100
58 39.4 31.4 47.2
100 16.1 13.1 19.7



#42
Toluene
Concen: 34.146 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

Tgt Ion: 91 Resp: 685932
Ion Ratio Lower Upper
91 100
92 56.3 40.3 74.8





#44

trans-1,3-Dichloropropene

Concen: 28.229 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030753.D

Acq: 24 Oct 2024 18:42

Instrument :

MSVOA_W

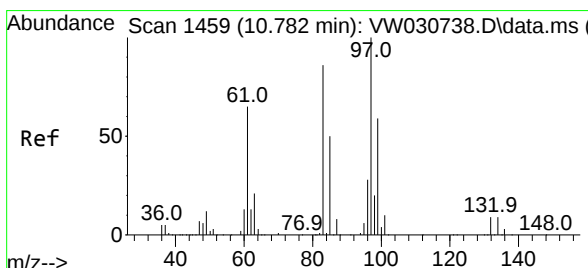
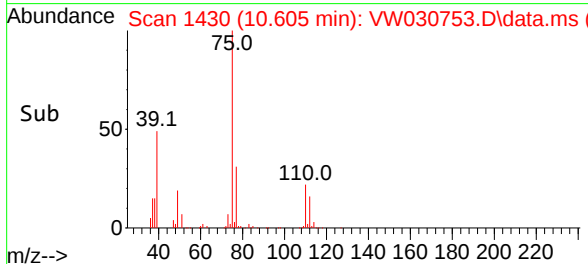
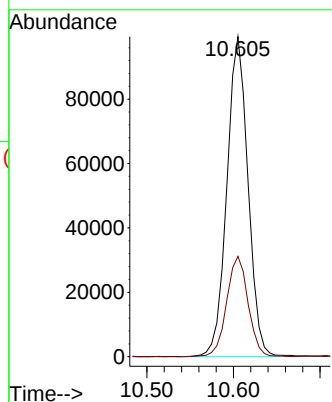
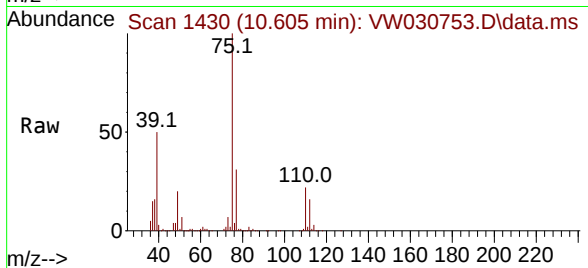
ClientSampleId :

Tgt Ion: 75 Resp: 168265

Ion Ratio Lower Upper

75 100

77 31.3 21.6 40.2



#45

1,1,2-Trichloroethane

Concen: 33.337 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW030753.D

Acq: 24 Oct 2024 18:42

Tgt Ion: 97 Resp: 113306

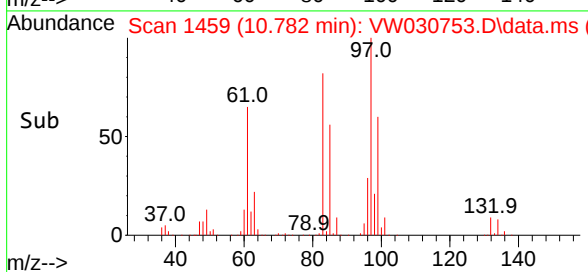
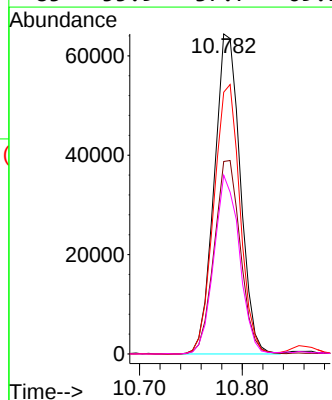
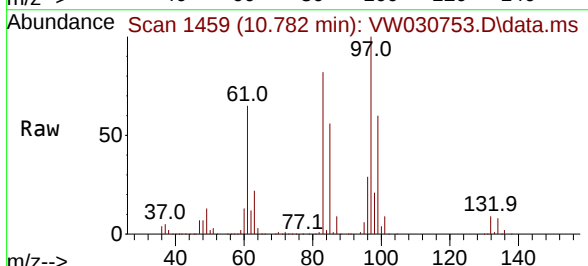
Ion Ratio Lower Upper

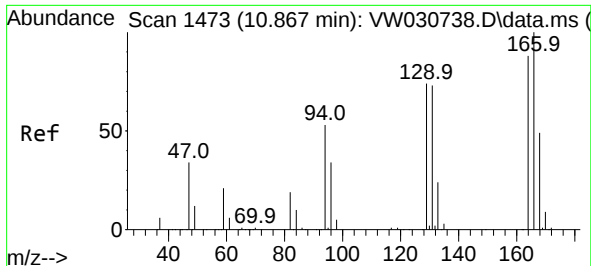
97 100

99 60.1 41.2 76.6

83 81.8 59.6 110.6

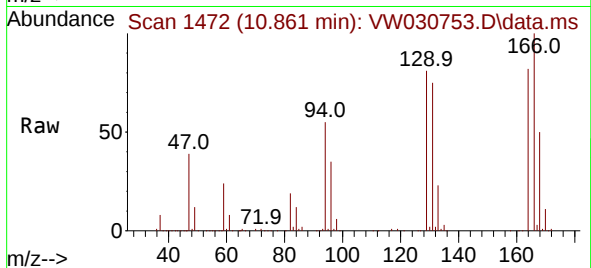
85 55.9 37.7 69.9



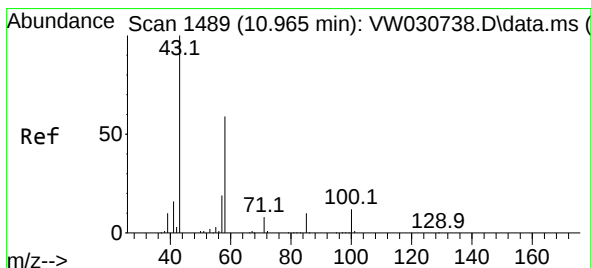
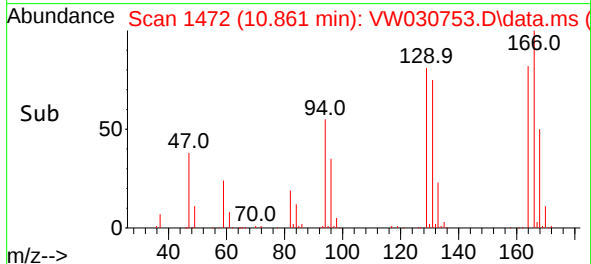
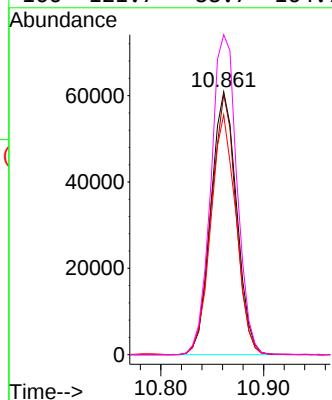


#46
Tetrachloroethene
Concen: 27.422 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

Instrument :
MSVOA_W
ClientSampleId :

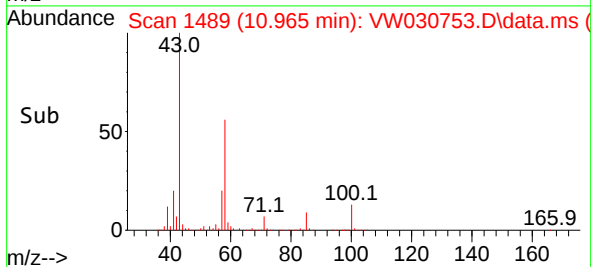
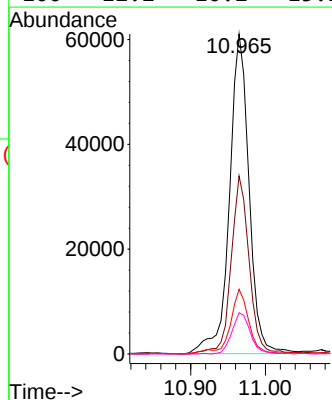
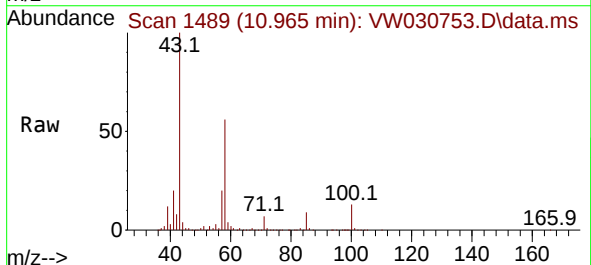


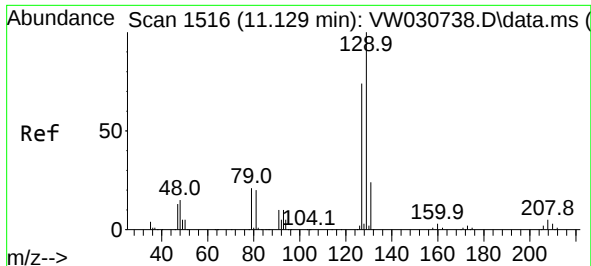
Tgt Ion:164 Resp: 105950
Ion Ratio Lower Upper
164 100
129 99.1 66.6 123.6
131 91.2 63.7 118.3
166 121.7 88.7 164.7



#48
2-Hexanone
Concen: 59.882 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

Tgt Ion: 43 Resp: 110635
Ion Ratio Lower Upper
43 100
58 51.1 44.6 67.0
57 17.2 15.8 23.8
100 12.2 10.2 15.2





#49

Dibromochloromethane

Concen: 31.031 ug/L

RT: 11.123 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030753.D

Acq: 24 Oct 2024 18:42

Instrument :

MSVOA_W

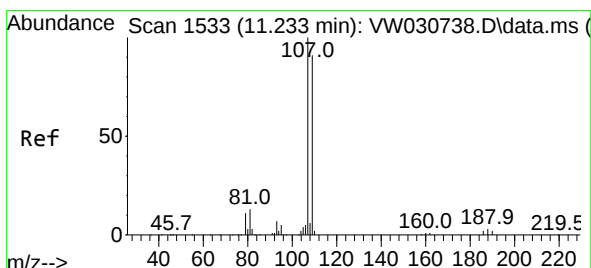
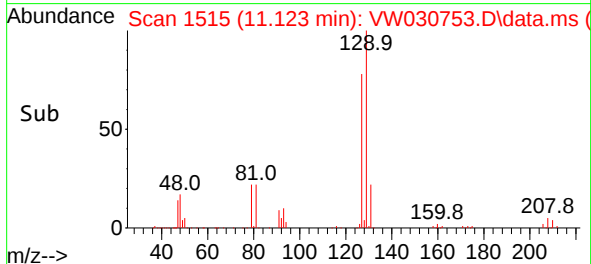
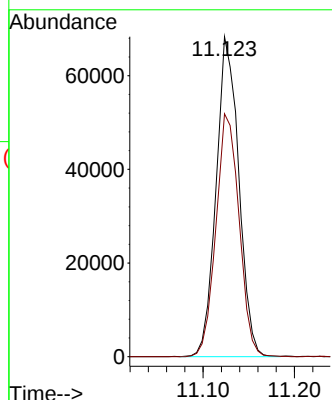
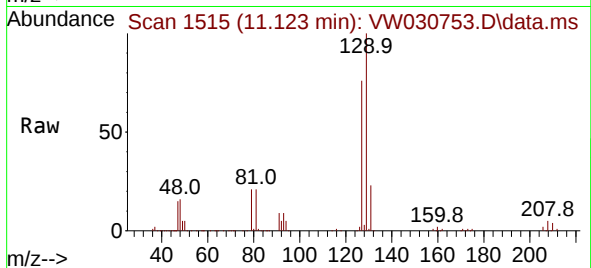
ClientSampleId :

Tgt Ion:129 Resp: 117680

Ion Ratio Lower Upper

129 100

127 75.9 56.5 104.9



#50

1,2-Dibromoethane

Concen: 29.562 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030753.D

Acq: 24 Oct 2024 18:42

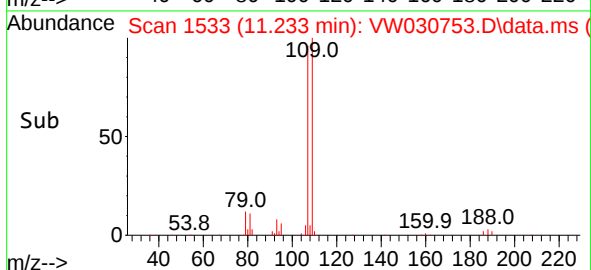
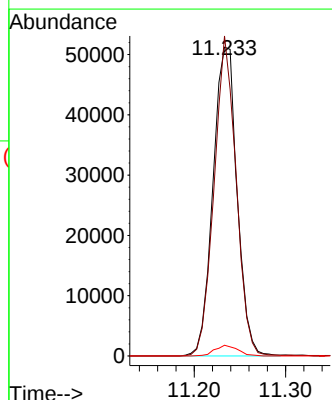
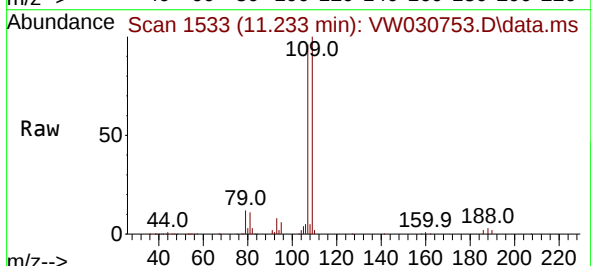
Tgt Ion:107 Resp: 93754

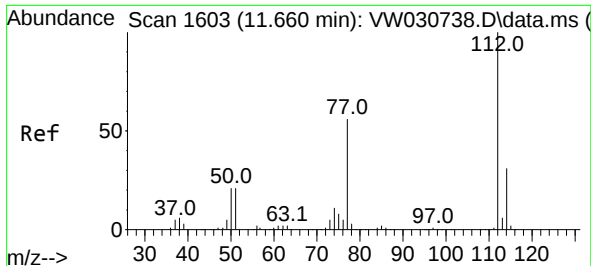
Ion Ratio Lower Upper

107 100

109 103.6 63.8 118.6

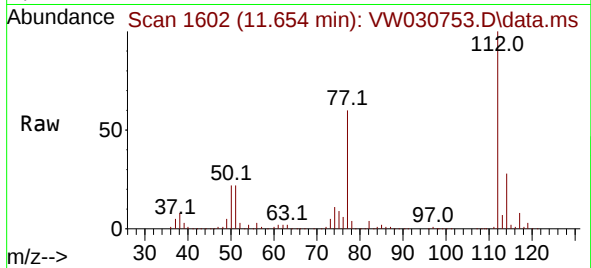
188 3.5 2.6 3.8



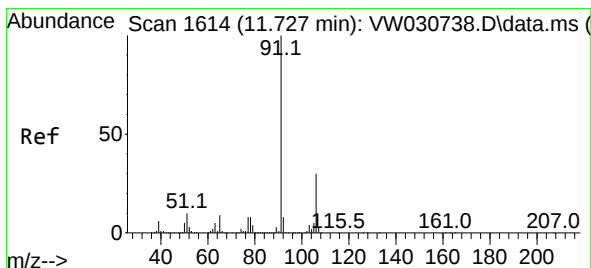
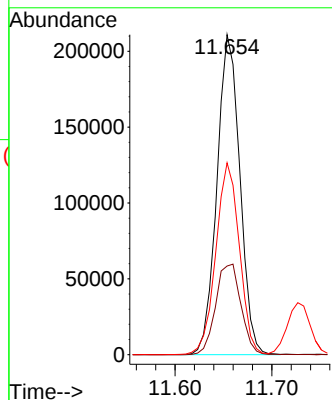
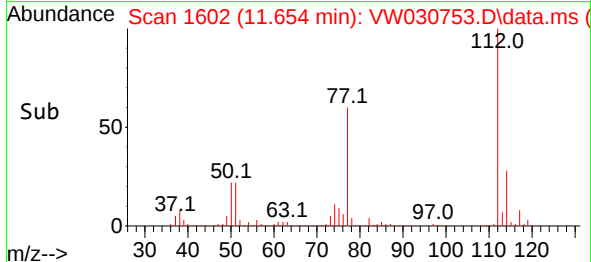


#51
Chlorobenzene
Concen: 26.855 ug/L
RT: 11.654 min Scan# 1160
Delta R.T. -0.006 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

Instrument :
MSVOA_W
ClientSampleId :

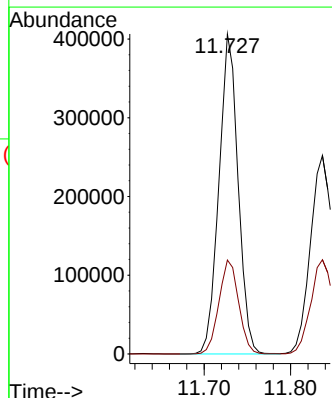
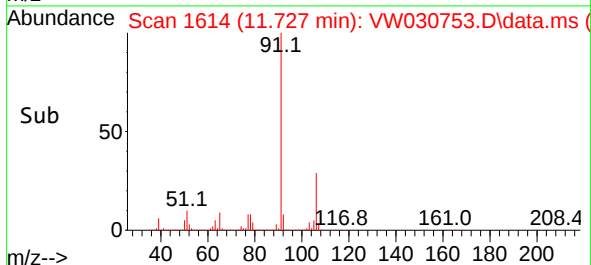
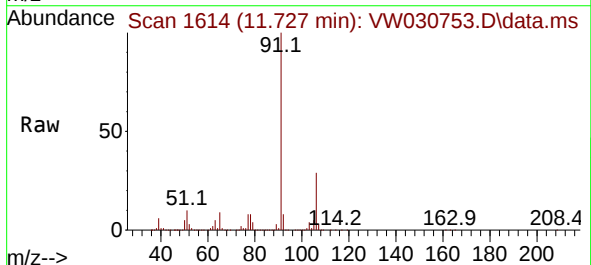


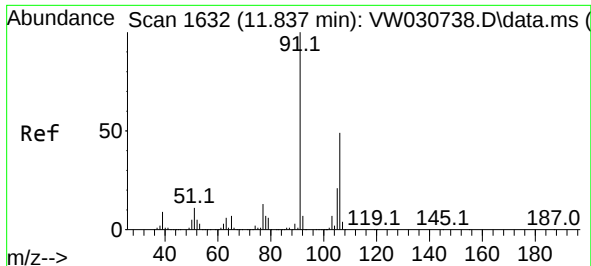
Tgt Ion:112 Resp: 347270
Ion Ratio Lower Upper
112 100
114 27.7 22.4 41.6
77 60.0 47.1 70.7



#52
Ethylbenzene
Concen: 27.202 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

Tgt Ion: 91 Resp: 623528
Ion Ratio Lower Upper
91 100
106 29.3 21.1 39.1

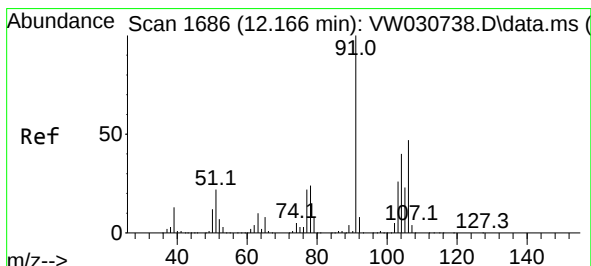
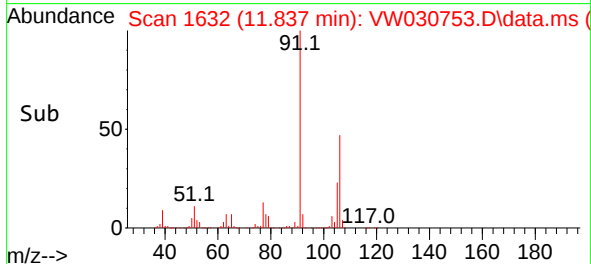
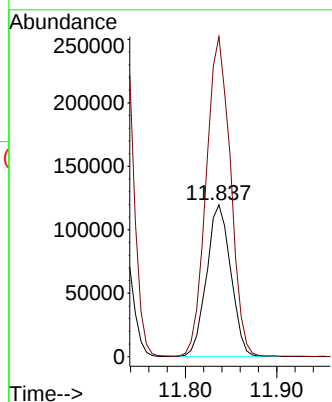
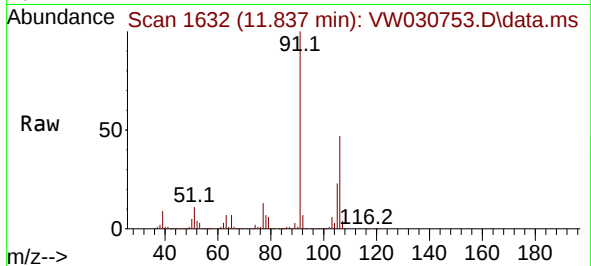




#53
m,p-Xylene
Concen: 25.665 ug/L
RT: 11.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

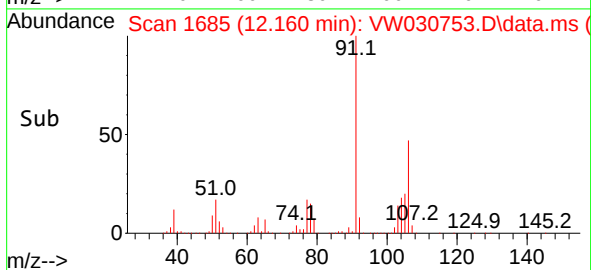
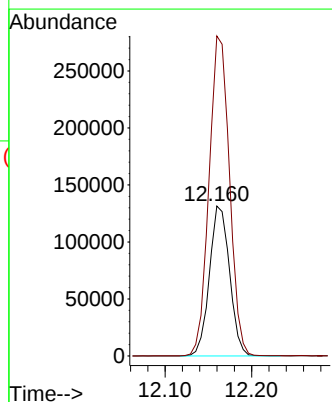
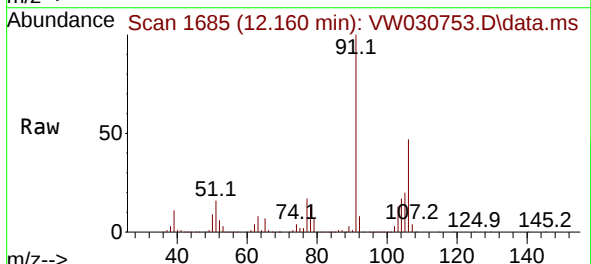
Instrument :
MSVOA_W
ClientSampleId :

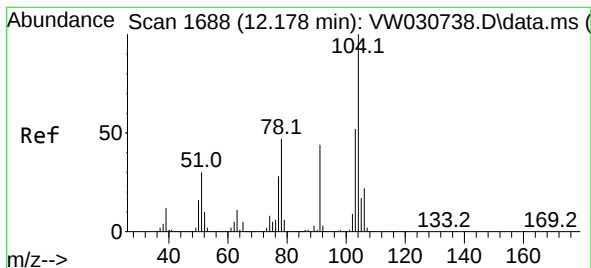
Tgt Ion:106 Resp: 220397
Ion Ratio Lower Upper
106 100
91 210.8 140.6 261.2



#54
o-Xylene
Concen: 26.765 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

Tgt Ion:106 Resp: 212489
Ion Ratio Lower Upper
106 100
91 213.3 144.5 268.4





#55

Styrene

Concen: 23.730 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030753.D

Acq: 24 Oct 2024 18:42

Instrument :

MSVOA_W

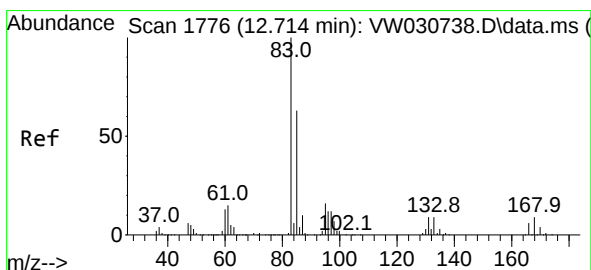
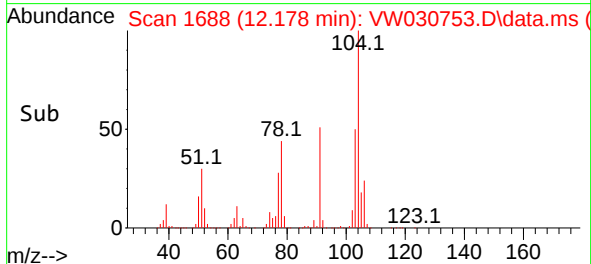
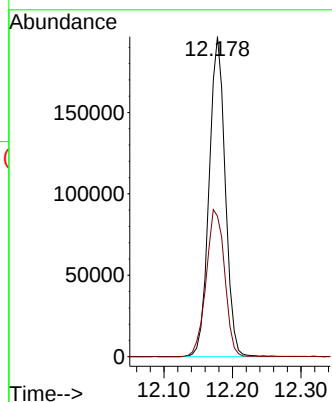
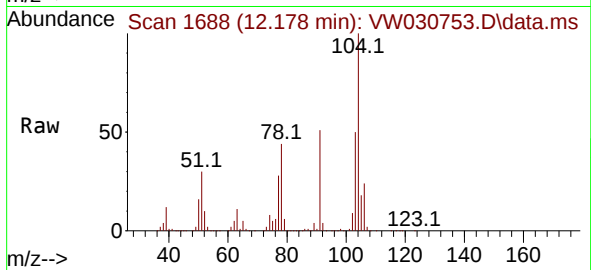
ClientSampleId :

Tgt Ion:104 Resp: 322068

Ion Ratio Lower Upper

104 100

78 43.9 34.3 63.7



#57

1,1,2,2-Tetrachloroethane

Concen: 25.490 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VW030753.D

Acq: 24 Oct 2024 18:42

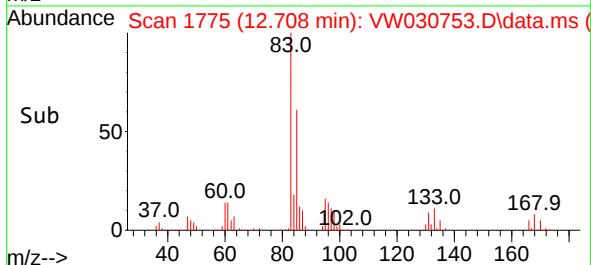
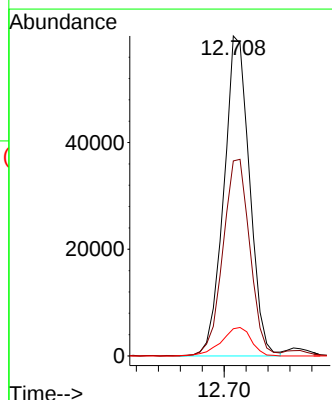
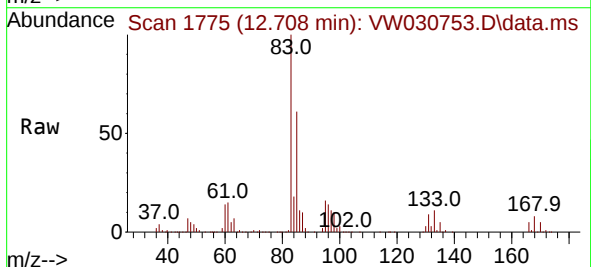
Tgt Ion: 83 Resp: 97699

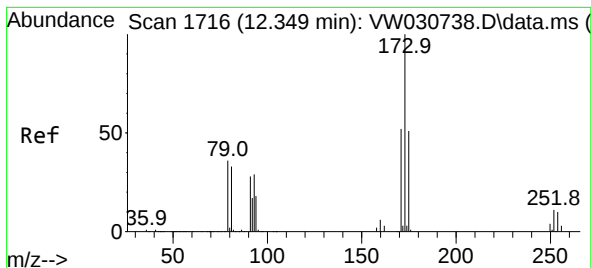
Ion Ratio Lower Upper

83 100

85 61.0 42.6 79.2

131 8.5 7.4 11.0





#59

Bromoform

Concen: 50.611 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

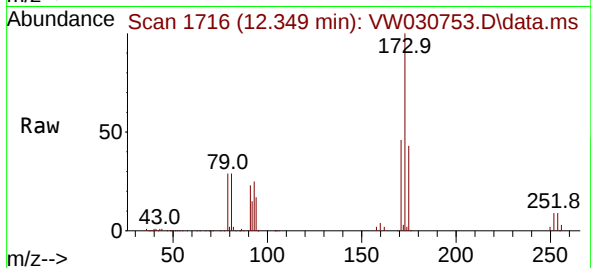
Lab File: VW030753.D

Acq: 24 Oct 2024 18:42

Instrument :

MSVOA_W

ClientSampleId :



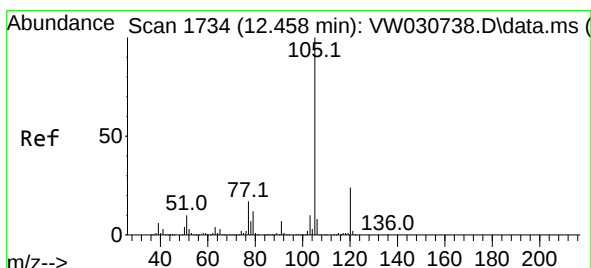
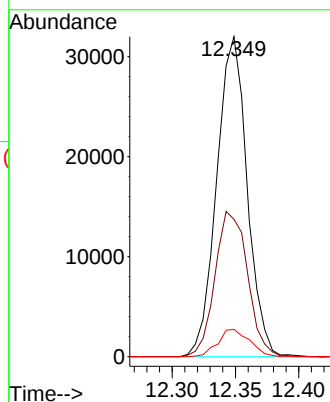
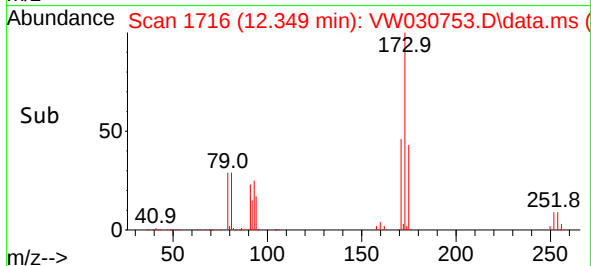
Tgt Ion:173 Resp: 53556

Ion Ratio Lower Upper

173 100

175 48.4 39.0 58.4

254 8.9 7.7 11.5



#60

Isopropylbenzene

Concen: 44.210 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW030753.D

Acq: 24 Oct 2024 18:42

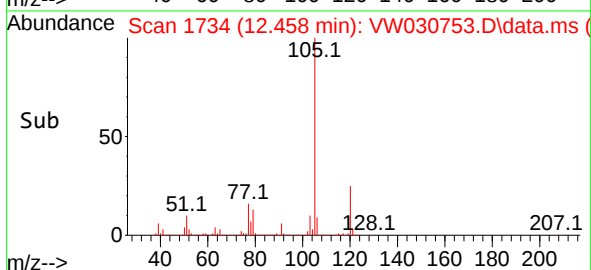
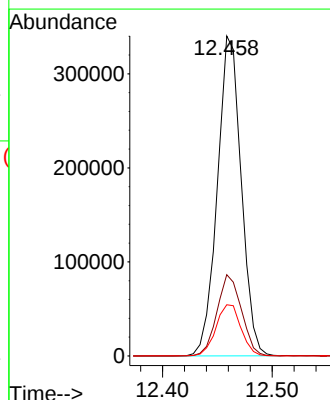
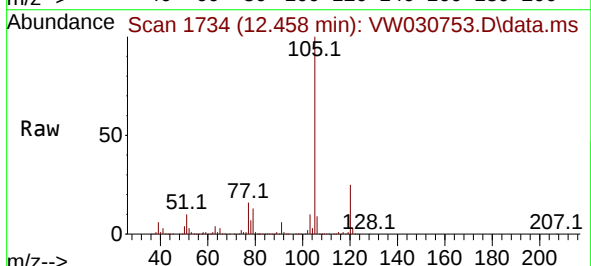
Tgt Ion:105 Resp: 515659

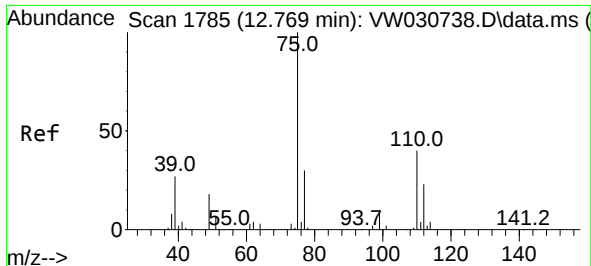
Ion Ratio Lower Upper

105 100

120 26.0 20.6 31.0

77 16.8 13.4 20.0

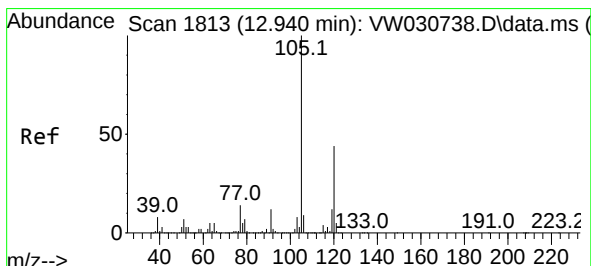
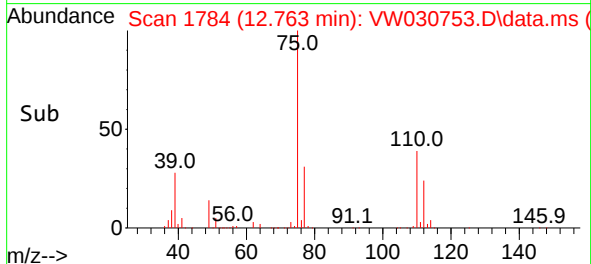
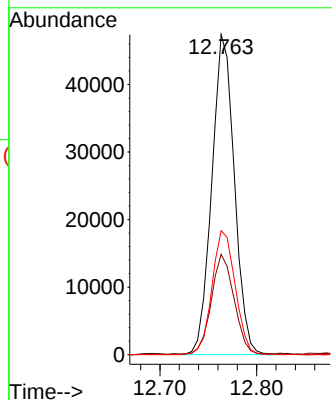
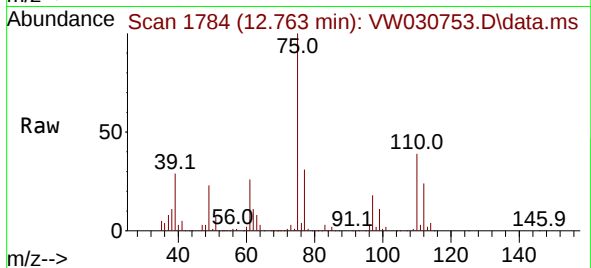




#61
1,2,3-Trichloropropane
Concen: 52.409 ug/L
RT: 12.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

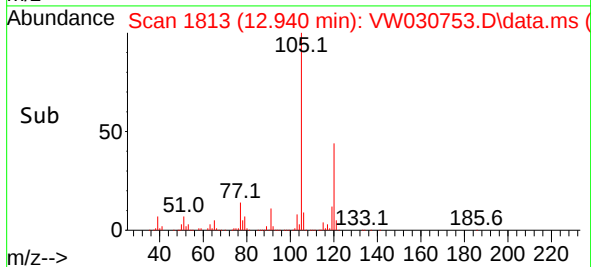
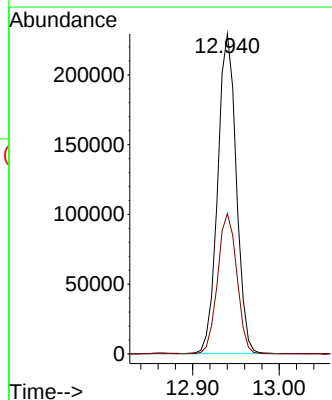
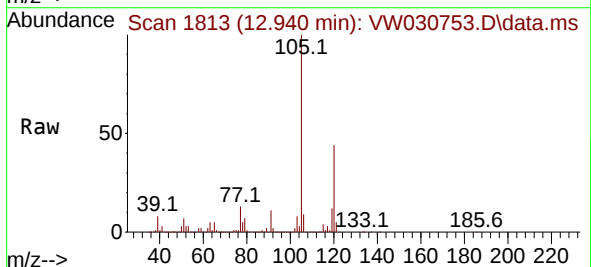
Instrument :
MSVOA_W
ClientSampleId :

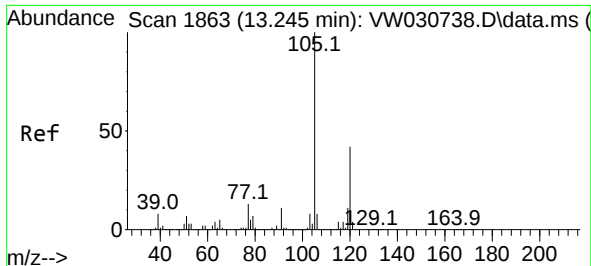
Tgt Ion: 75 Resp: 76810
Ion Ratio Lower Upper
75 100
77 31.3 25.7 38.5
110 39.8 32.3 48.5



#62
1,3,5-Trimethylbenzene
Concen: 37.181 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

Tgt Ion:105 Resp: 342131
Ion Ratio Lower Upper
105 100
120 45.5 38.0 57.0

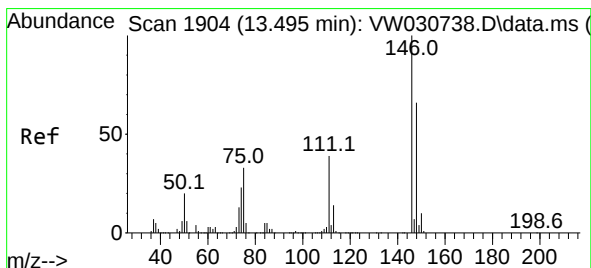
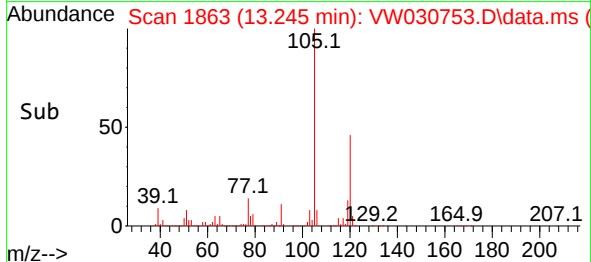
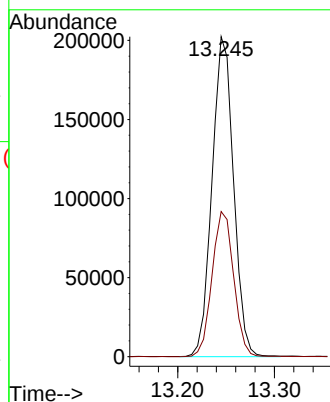
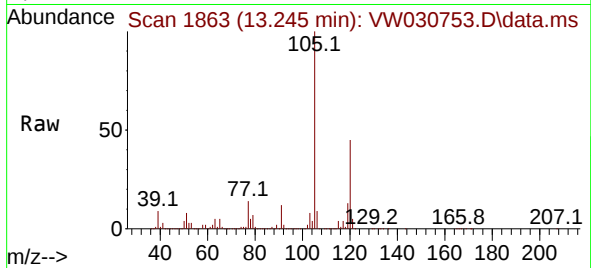




#63
 1,2,4-Trimethylbenzene
 Concen: 34.728 ug/L
 RT: 13.245 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW030753.D
 Acq: 24 Oct 2024 18:42

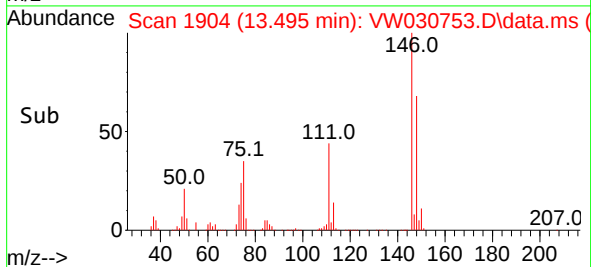
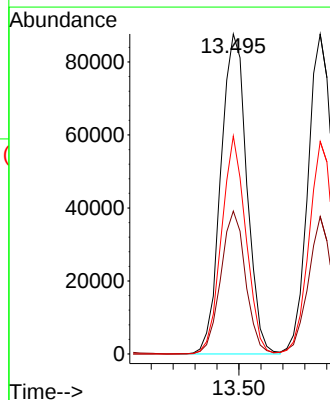
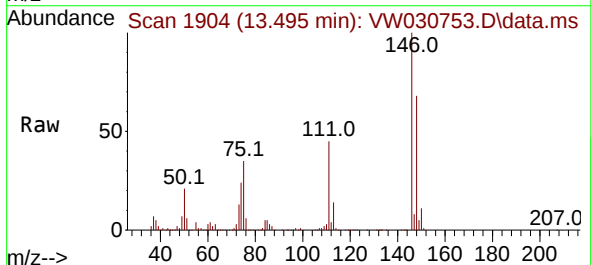
Instrument :
 MSVOA_W
 ClientSampleId :

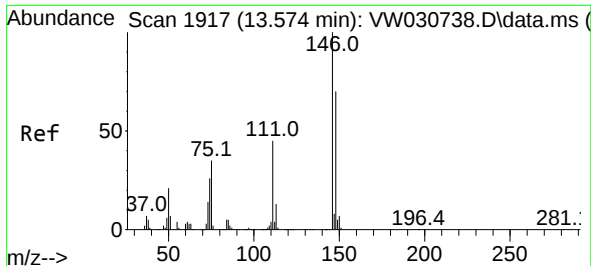
Tgt Ion:105 Resp: 312885
 Ion Ratio Lower Upper
 105 100
 120 45.6 35.8 53.6



#64
 1,3-Dichlorobenzene
 Concen: 28.433 ug/L
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW030753.D
 Acq: 24 Oct 2024 18:42

Tgt Ion:146 Resp: 144354
 Ion Ratio Lower Upper
 146 100
 111 44.6 31.2 58.0
 148 68.1 45.7 84.9

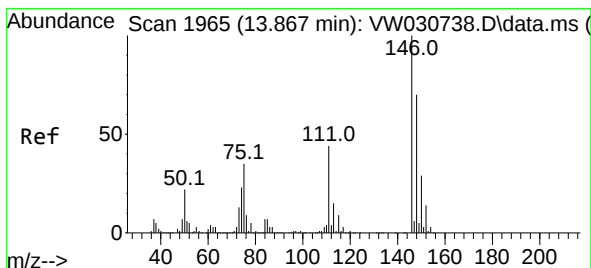
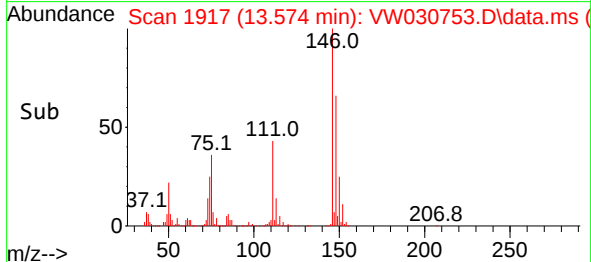
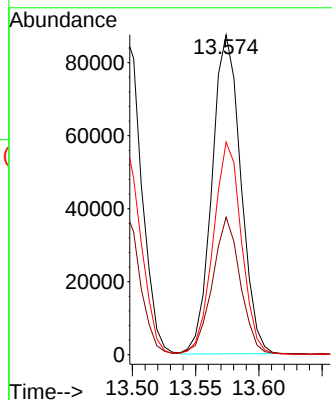
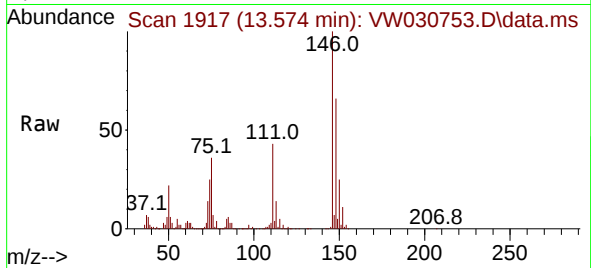




#65
1,4-Dichlorobenzene
Concen: 26.411 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

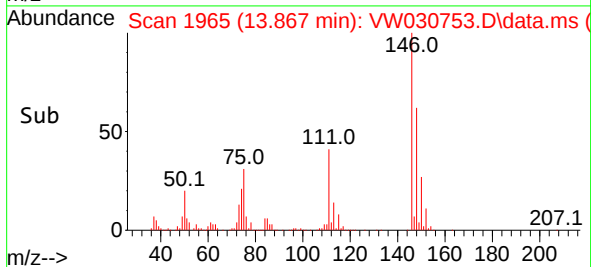
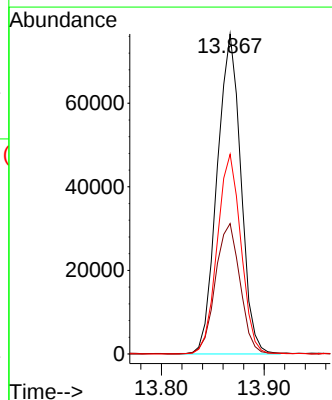
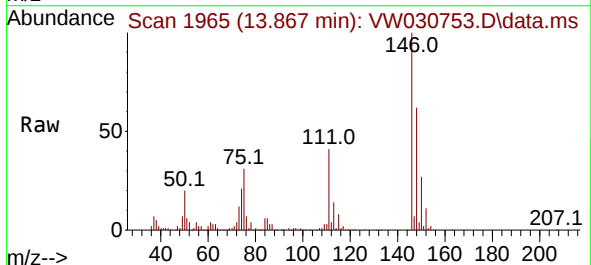
Instrument :
MSVOA_W
ClientSampleId :

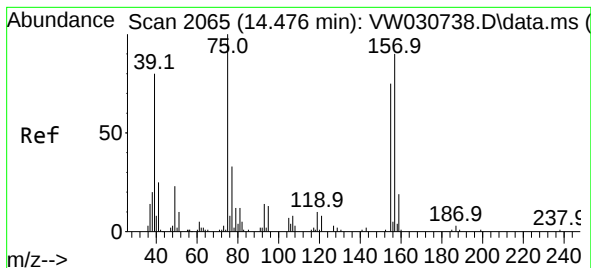
Tgt Ion:146 Resp: 138453
Ion Ratio Lower Upper
146 100
111 42.9 26.8 49.8
148 66.4 41.0 76.2



#67
1,2-Dichlorobenzene
Concen: 27.460 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

Tgt Ion:146 Resp: 122679
Ion Ratio Lower Upper
146 100
111 40.8 34.6 52.0
148 62.4 53.3 79.9

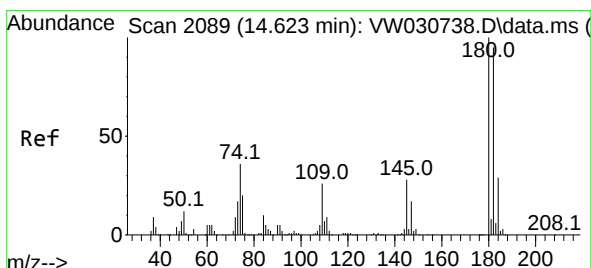
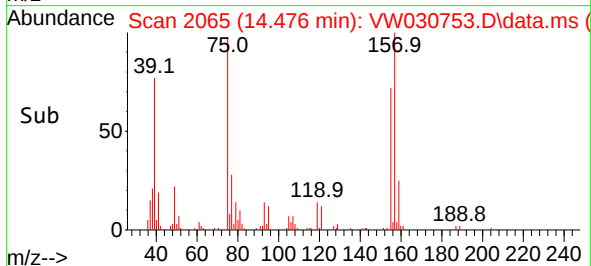
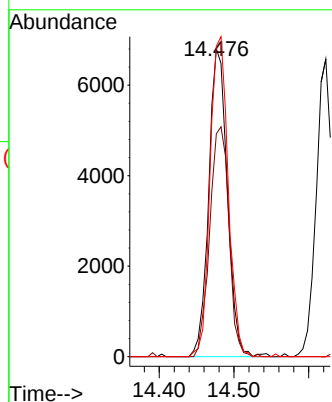
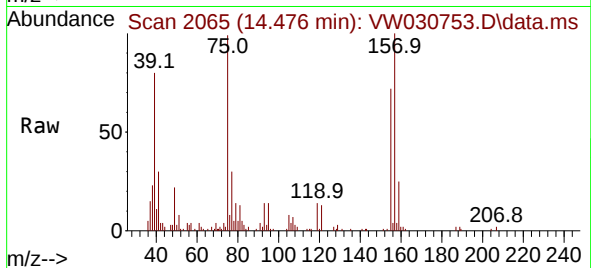




#68
1,2-Dibromo-3-chloropropane
Concen: 36.063 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

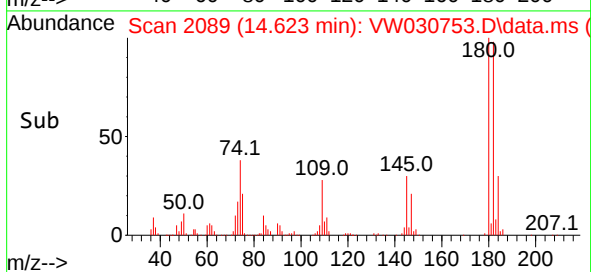
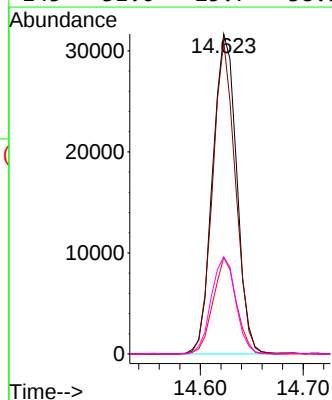
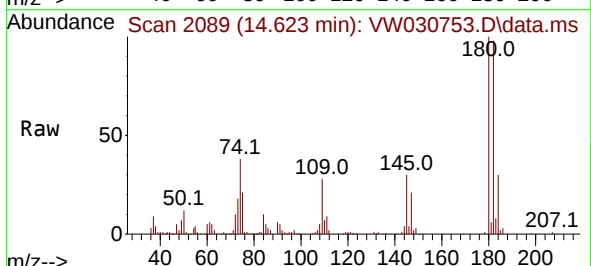
Instrument :
MSVOA_W
ClientSampleId :

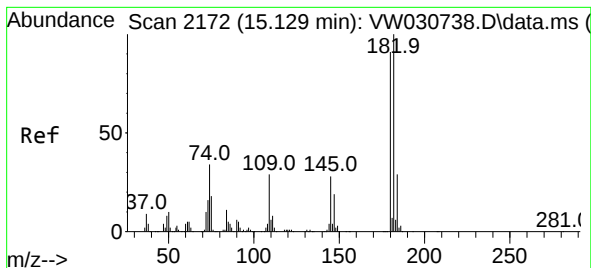
Tgt Ion: 75 Resp: 11785
Ion Ratio Lower Upper
75 100
155 72.4 57.9 86.9
157 100.8 69.0 103.6



#69
1,3,5-Trichlorobenzene
Concen: 15.295 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW030753.D
Acq: 24 Oct 2024 18:42

Tgt Ion:180 Resp: 51205
Ion Ratio Lower Upper
180 100
182 93.2 79.9 119.9
184 29.2 25.2 37.8
145 31.0 25.7 38.5





#70

1,2,4-trichlorobenzene

Concen: 12.437 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW030753.D

Acq: 24 Oct 2024 18:42

Instrument :

MSVOA_W

ClientSampleId :

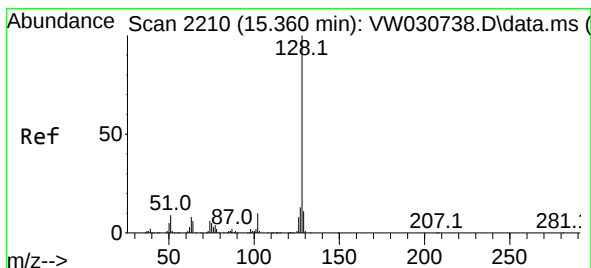
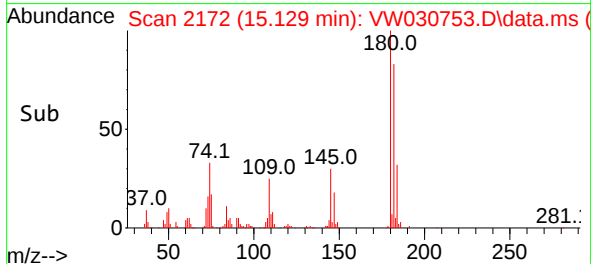
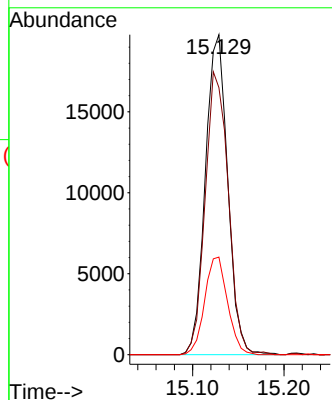
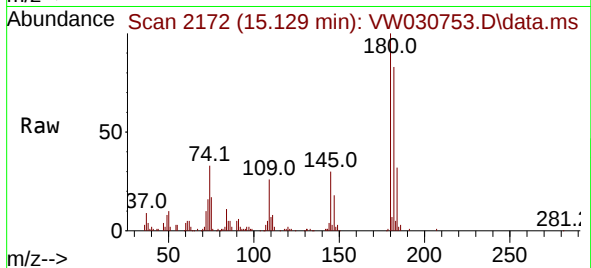
Tgt Ion:180 Resp: 33521

Ion Ratio Lower Upper

180 100

182 91.2 75.2 112.8

145 31.2 25.4 38.2



#71

Naphthalene

Concen: 15.920 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030753.D

Acq: 24 Oct 2024 18:42

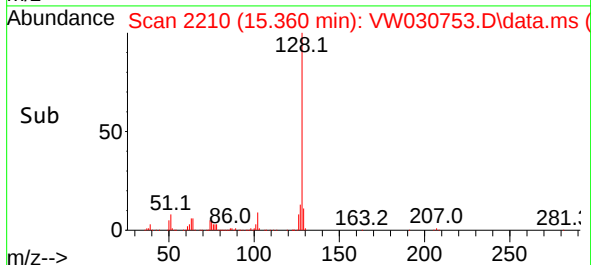
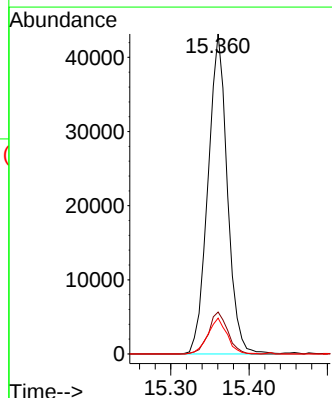
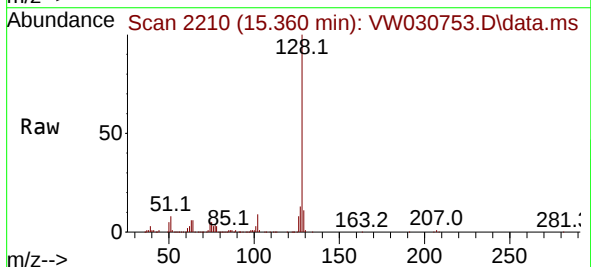
Tgt Ion:128 Resp: 74130

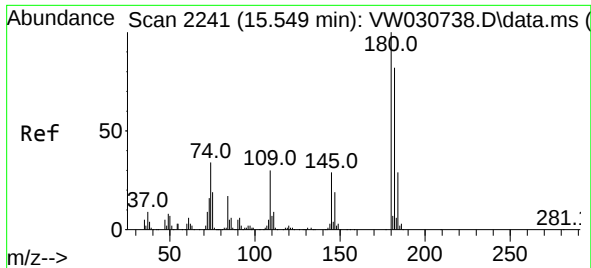
Ion Ratio Lower Upper

128 100

127 13.1 10.9 16.3

129 11.1 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 10.215 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030753.D
 Acq: 24 Oct 2024 18:42

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	180	Resp:	23867
Ion Ratio	Lower	Upper	
180	100		
182	93.3	76.2	114.4
145	33.9	27.4	41.2

