

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
 Data File : VW030106.D
 Acq On : 29 Aug 2024 17:44
 Operator : SY/MD
 Sample : P3733-10MS
 Misc : 7.63g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A44A3MS

Quant Time: Aug 29 21:35:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 29 21:32:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	278134	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	278579	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	131223	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	54423	13.149	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.600%
7) Chloroethane-d5	2.893	69	52586	17.901	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	4.027	65	26595	15.039	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.160%
21) 2-Butanone-d5	7.081	46	45747	55.446	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.900%
24) Chloroform-d	7.648	84	156159	20.820	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.280%
26) 1,2-Dichloroethane-d4	8.301	65	92959	24.408	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.640%
32) Benzene-d6	8.276	84	291799	17.745	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.000%
36) 1,2-Dichloropropane-d6	9.270	67	99975	20.752	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.000%
41) Toluene-d8	10.319	98	260811	17.426	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.720%
43) trans-1,3-Dichloroprop...	10.575	79	36703	18.520	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.080%
47) 2-Hexanone-d5	10.922	63	38355	52.018	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	90938	25.637	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.560%
66) 1,2-Dichlorobenzene-d4	13.849	152	89711	18.901	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	25218	7.883	ug/L	92
3) Chloromethane	2.229	50	58845	15.824	ug/L	93
5) Vinyl chloride	2.375	62	48854	11.115	ug/L #	1
6) Bromomethane	2.790	94	39343	14.403	ug/L	97
8) Chloroethane	2.930	64	31823	12.564	ug/L #	83
9) Trichlorofluoromethane	3.265	101	38867	10.211	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	29964	8.228	ug/L	98
12) 1,1-Dichloroethene	4.045	96	40960	11.489	ug/L	89
13) Acetone	4.125	43	29168	38.651	ug/L	100
14) Carbon disulfide	4.393	76	162193	14.665	ug/L	98
15) Methyl Acetate	4.667	43	15808	10.744	ug/L	100
16) Methylene chloride	4.917	84	68794	14.973	ug/L	90
17) trans-1,2-Dichloroethene	5.429	96	52895	13.416	ug/L	90
18) Methyl tert-butyl Ether	5.429	73	103312	17.134	ug/L	97
19) 1,1-Dichloroethane	6.216	63	115654	15.785	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	62926	14.440	ug/L	94
22) 2-Butanone	7.173	43	42492	39.349	ug/L	96
23) Bromochloromethane	7.514	128	30781	16.653	ug/L	86
25) Chloroform	7.673	83	119077	15.889	ug/L	98

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 Response via : Initial Calibration

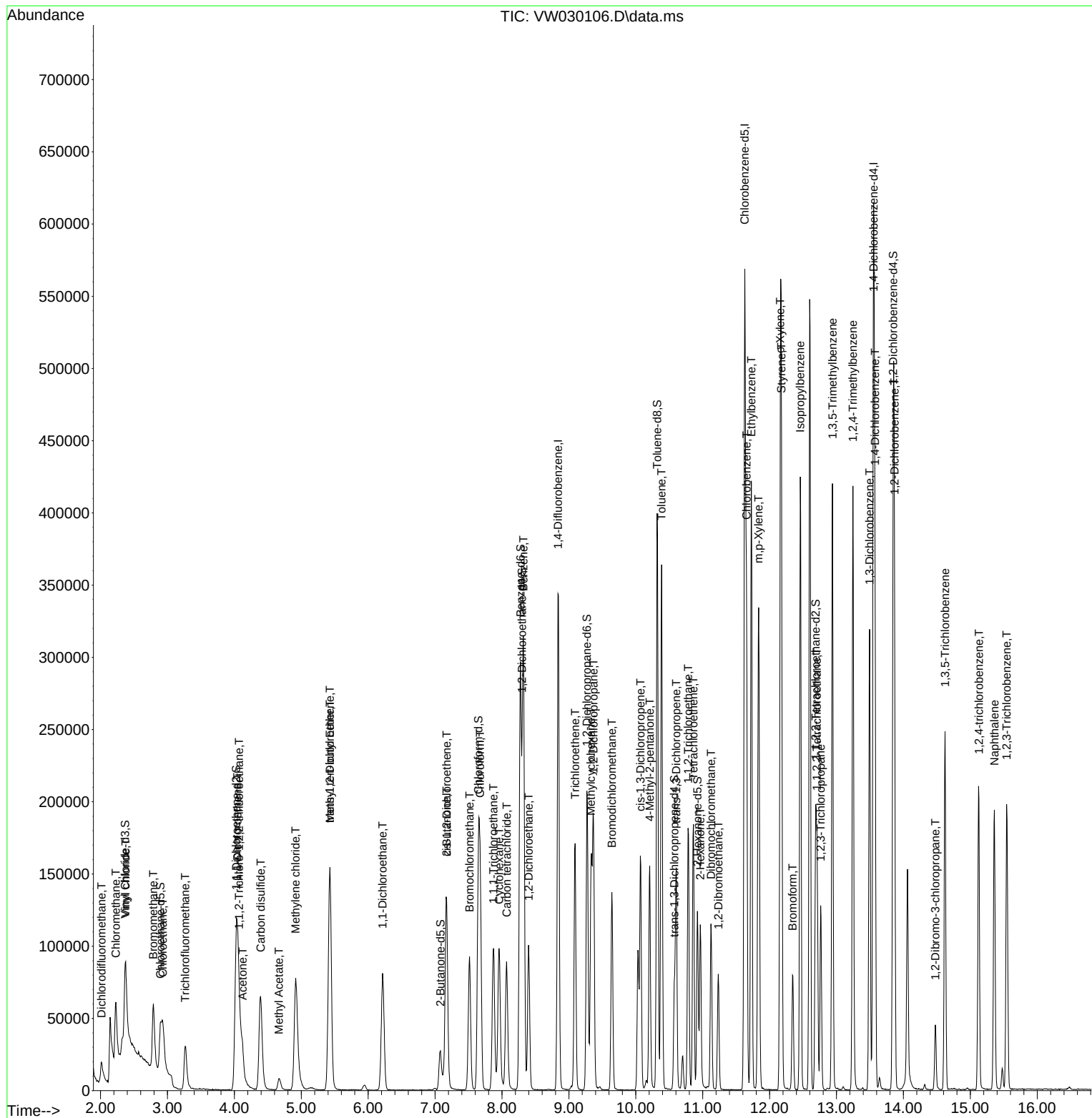
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	89834	18.727	ug/L	96
29) Cyclohexane	7.959	56	52667	7.830	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	79852	12.238	ug/L	98
31) Carbon tetrachloride	8.069	117	66579	11.357	ug/L	98
33) Benzene	8.319	78	248776	13.938	ug/L	100
34) Trichloroethene	9.093	95	59190	12.316	ug/L	94
35) Methylcyclohexane	9.331	83	58991	7.494	ug/L	93
37) 1,2-Dichloropropane	9.368	63	73253	16.207	ug/L	99
38) Bromodichloromethane	9.642	83	91000	15.957	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	95622	13.745	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	103070	45.812	ug/L	93
42) Toluene	10.386	91	262987	13.836	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	85309	15.155	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	56430	17.034	ug/L	98
46) Tetrachloroethene	10.861	164	40595	11.129	ug/L	90
48) 2-Hexanone	10.965	43	73333	45.850	ug/L	91
49) Dibromochloromethane	11.123	129	59809	16.992	ug/L	97
50) 1,2-Dibromoethane	11.233	107	53014	17.132	ug/L	95
51) Chlorobenzene	11.654	112	166891	13.732	ug/L	97
52) Ethylbenzene	11.727	91	281875	13.088	ug/L	97
53) m,p-Xylene	11.837	106	103398	12.865	ug/L	99
54) o-Xylene	12.160	106	103133	13.369	ug/L	100
55) Styrene	12.178	104	151615	11.730	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	72874	19.535	ug/L	99
59) Bromoform	12.343	173	34960	17.890	ug/L	99
60) Isopropylbenzene	12.459	105	258778	12.361	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	53253	19.959	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	211171	13.566	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	212289	12.939	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	121496	13.613	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	121851	13.515	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	114844	14.385	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	12298	21.532	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.623	180	70725	12.138	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	61875	12.269	ug/L	98
71) Naphthalene	15.360	128	158441	16.453	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	59827	13.515	ug/L	94

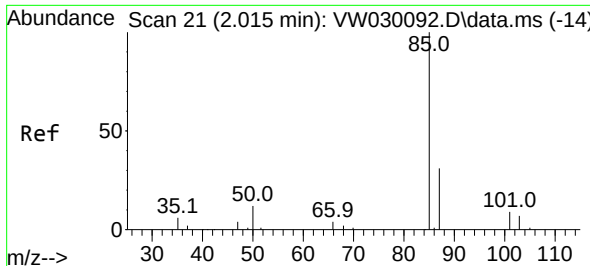
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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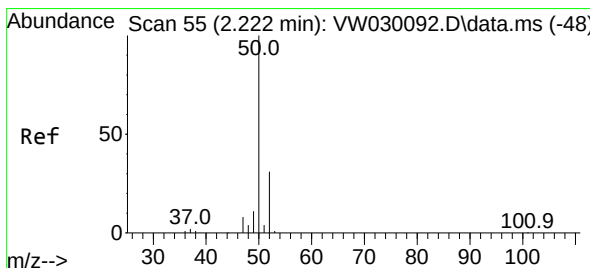
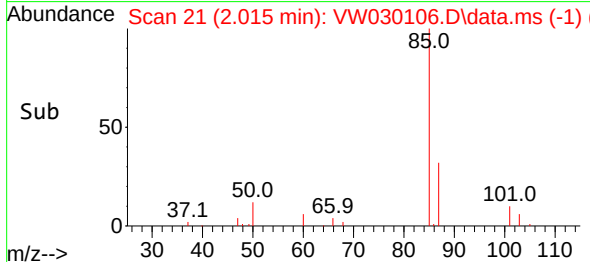
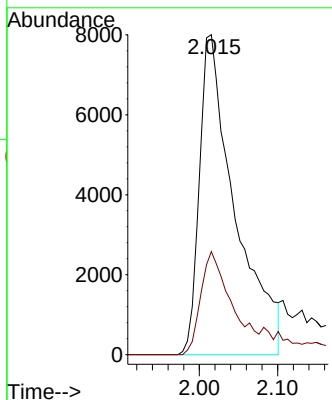
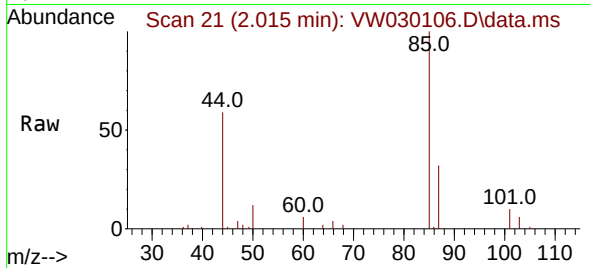




#2
 Dichlorodifluoromethane
 Concen: 7.883 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030106.D
 Acq: 29 Aug 2024 17:44

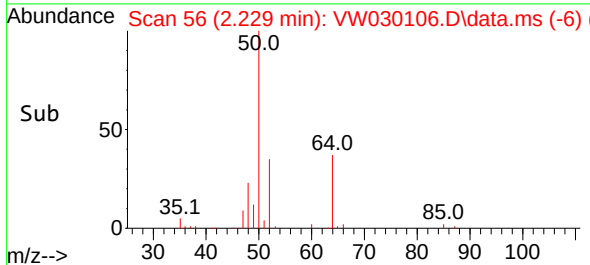
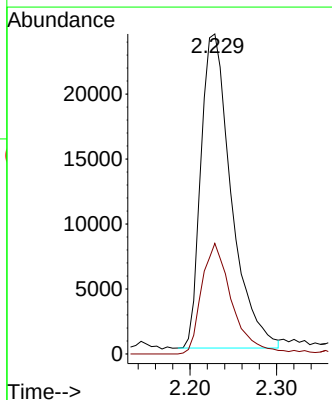
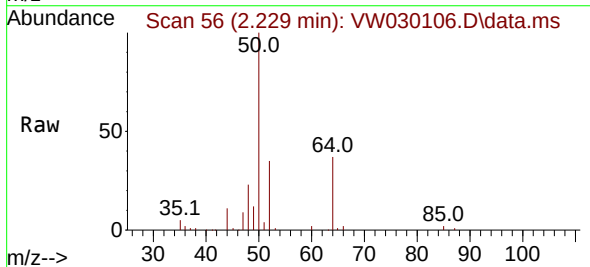
Instrument :
 MSVOA_W
 ClientSampleId :
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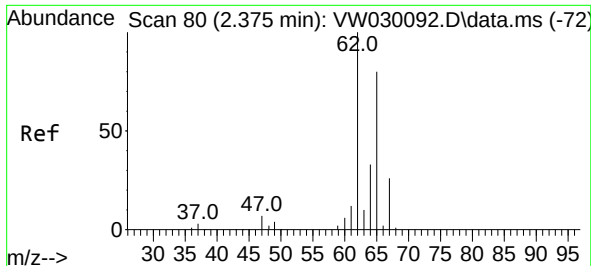
Tgt Ion: 85 Resp: 25218
 Ion Ratio Lower Upper
 85 100
 87 25.6 24.2 36.2



#3
 Chloromethane
 Concen: 15.824 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW030106.D
 Acq: 29 Aug 2024 17:44

Tgt Ion: 50 Resp: 58845
 Ion Ratio Lower Upper
 50 100
 52 34.5 21.6 40.2

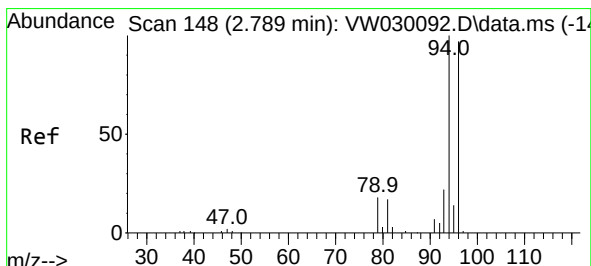
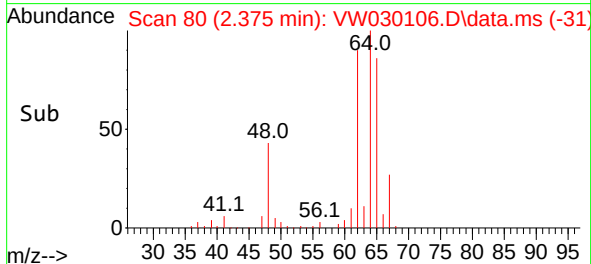
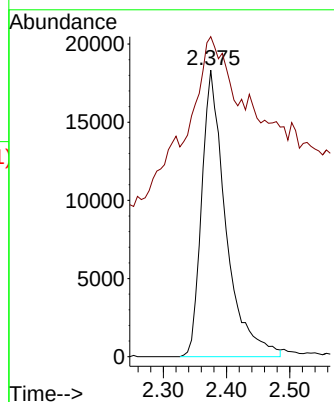
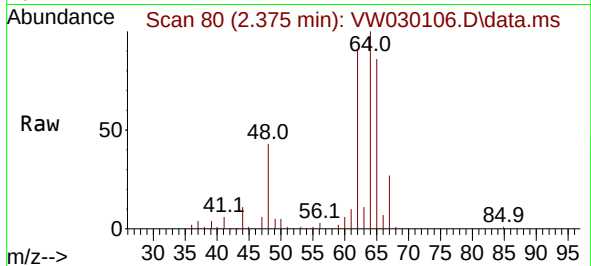




#5
 Vinyl chloride
 Concen: 11.115 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030106.D
 Acq: 29 Aug 2024 17:44

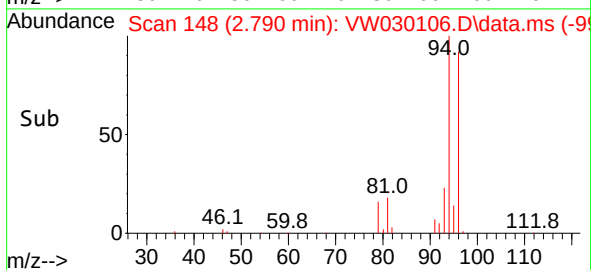
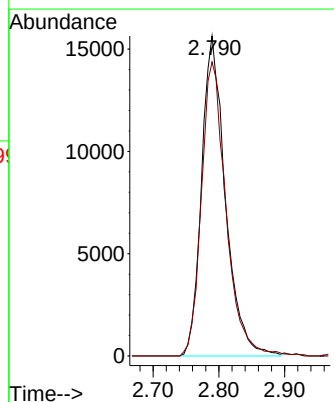
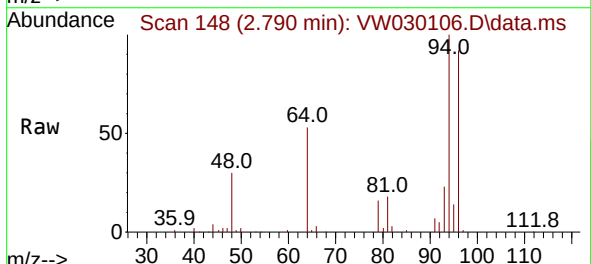
Instrument :
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 ClientSampleId :
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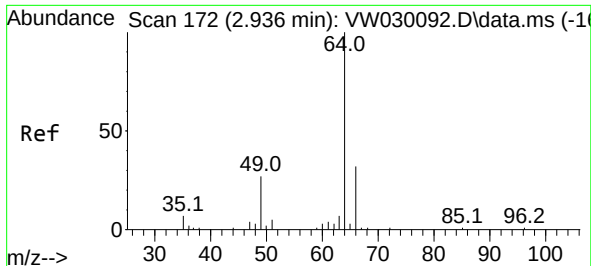
Tgt Ion: 62 Resp: 48854
 Ion Ratio Lower Upper
 62 100
 64 111.7 24.4 45.4#



#6
 Bromomethane
 Concen: 14.403 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW030106.D
 Acq: 29 Aug 2024 17:44

Tgt Ion: 94 Resp: 39343
 Ion Ratio Lower Upper
 94 100
 96 91.8 62.4 115.8

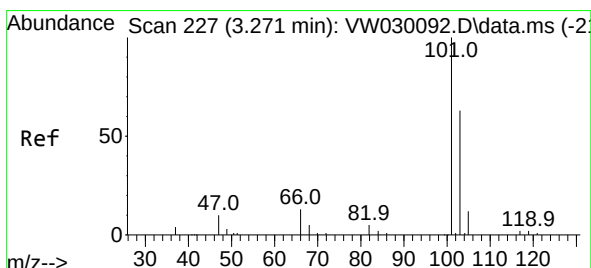
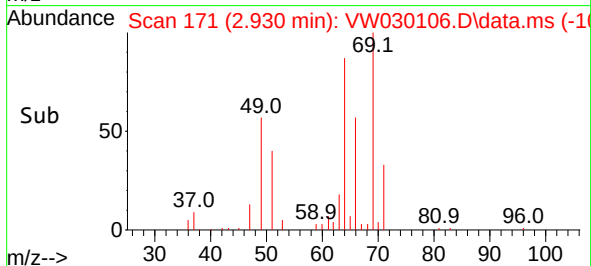
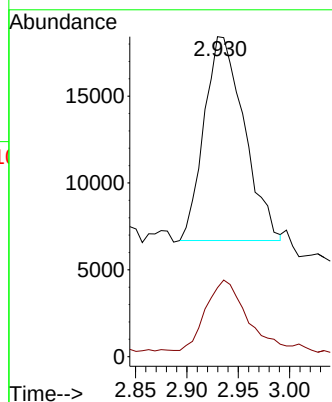
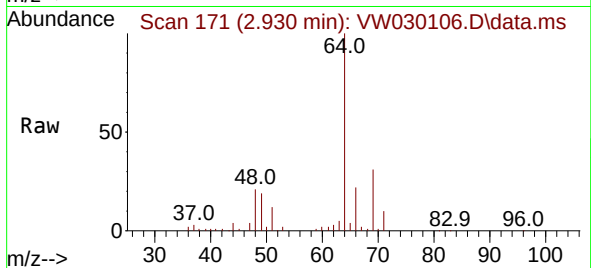




#8
Chloroethane
Concen: 12.564 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW030106.D
Acq: 29 Aug 2024 17:44

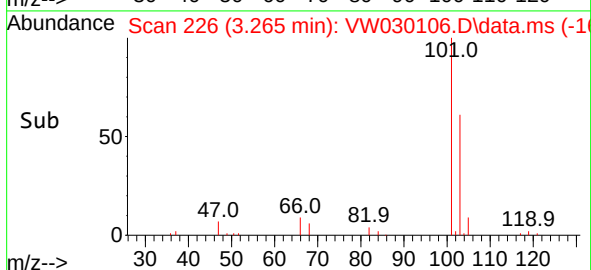
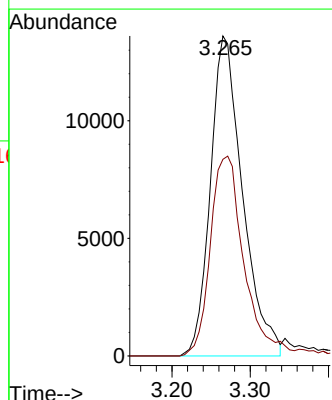
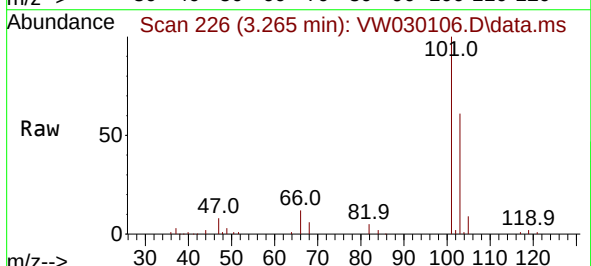
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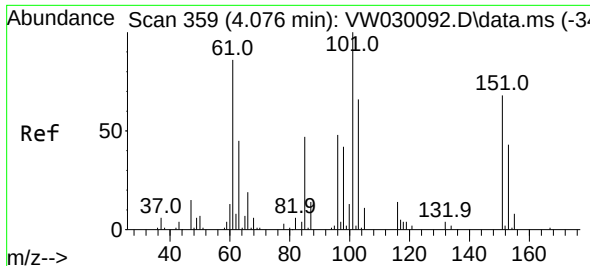
Tgt Ion: 64 Resp: 31823
Ion Ratio Lower Upper
64 100
66 21.6 21.7 40.3#



#9
Trichlorofluoromethane
Concen: 10.211 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030106.D
Acq: 29 Aug 2024 17:44

Tgt Ion:101 Resp: 38867
Ion Ratio Lower Upper
101 100
103 65.0 50.7 76.1

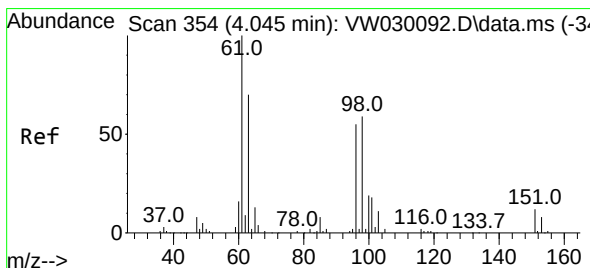
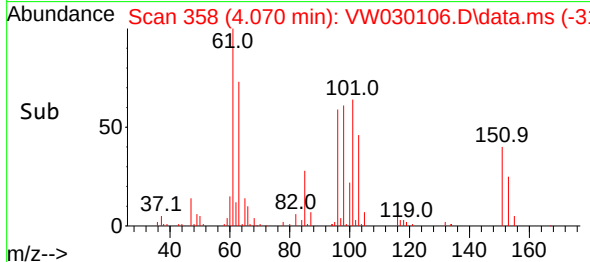
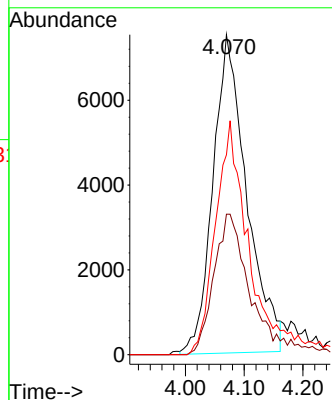
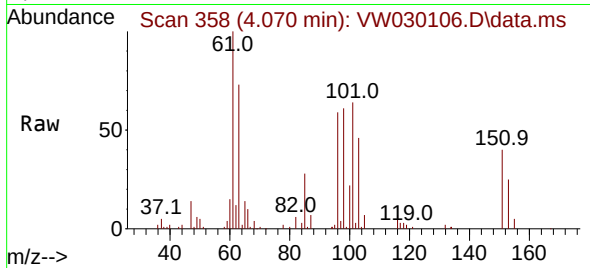




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 8.228 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW030106.D
 Acq: 29 Aug 2024 17:44

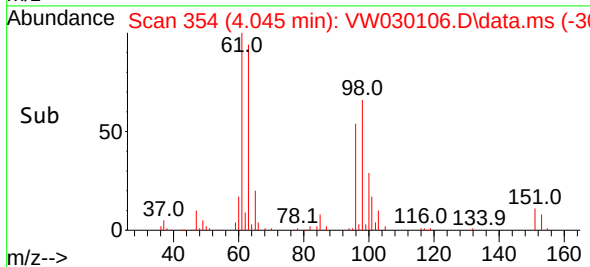
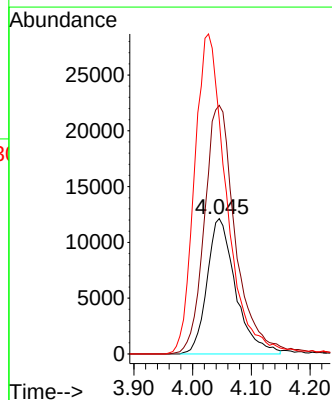
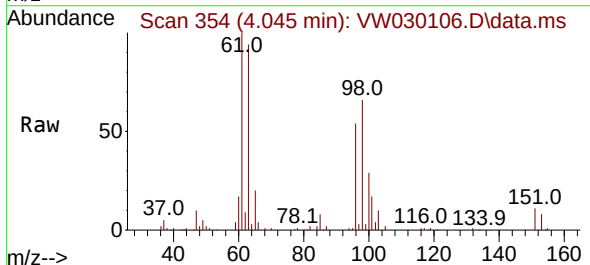
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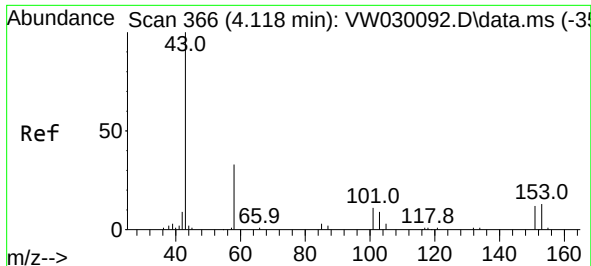
Tgt Ion:101 Resp: 29964
 Ion Ratio Lower Upper
 101 100
 85 44.3 34.7 52.1
 151 70.8 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 11.489 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW030106.D
 Acq: 29 Aug 2024 17:44

Tgt Ion: 96 Resp: 40960
 Ion Ratio Lower Upper
 96 100
 61 183.6 126.0 234.0
 63 173.4 101.8 189.2





#13

Acetone

Concen: 38.651 ug/L

RT: 4.125 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW030106.D

Acq: 29 Aug 2024 17:44

Instrument :

MSVOA_W

ClientSampleId :

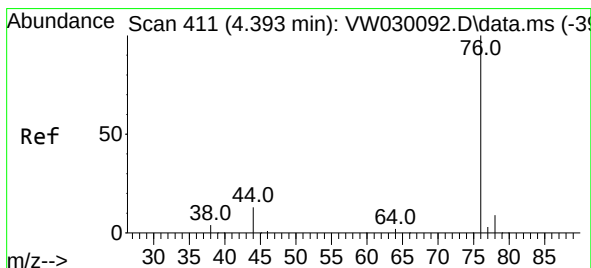
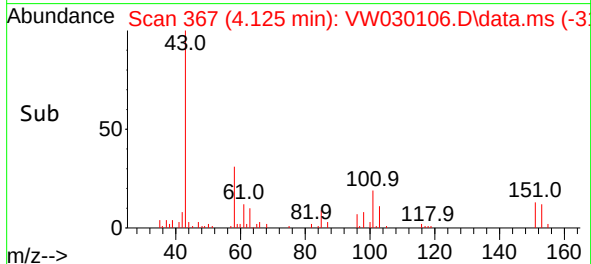
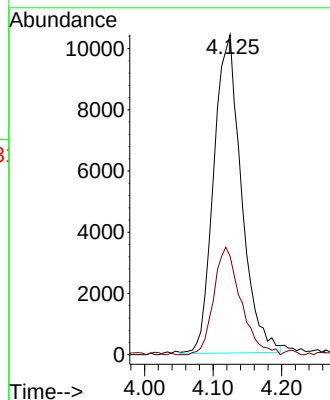
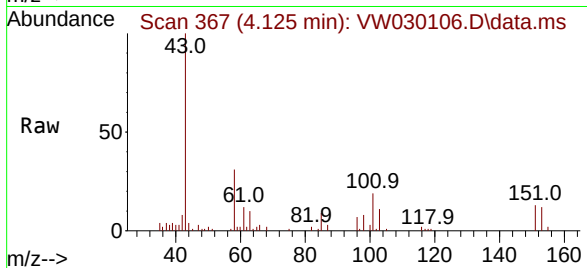
A44A3MS

Tgt Ion: 43 Resp: 29168

Ion Ratio Lower Upper

43 100

58 33.0 0.0 66.4



#14

Carbon disulfide

Concen: 14.665 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

Lab File: VW030106.D

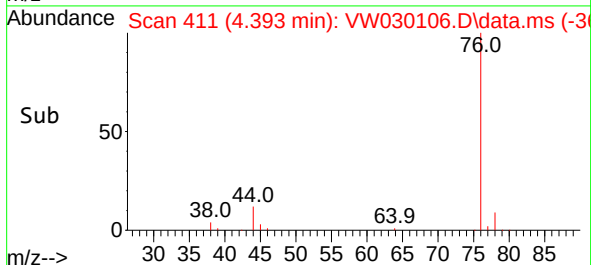
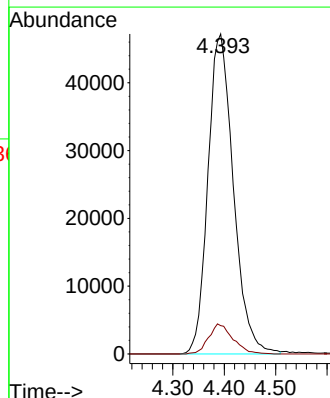
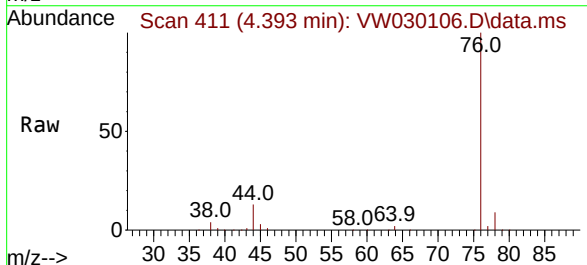
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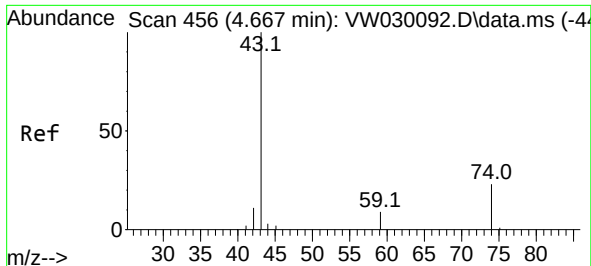
Tgt Ion: 76 Resp: 162193

Ion Ratio Lower Upper

76 100

78 8.8 6.6 9.8

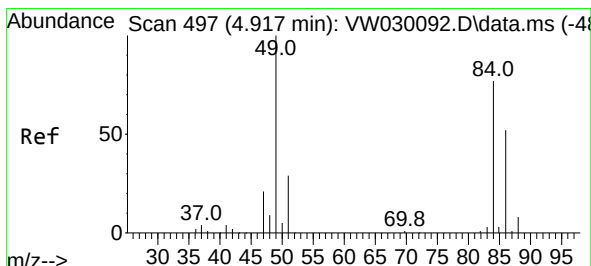
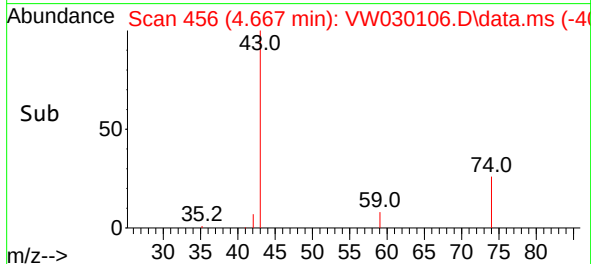
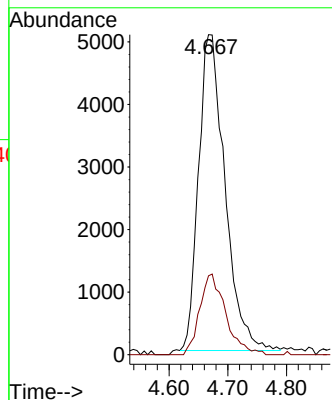
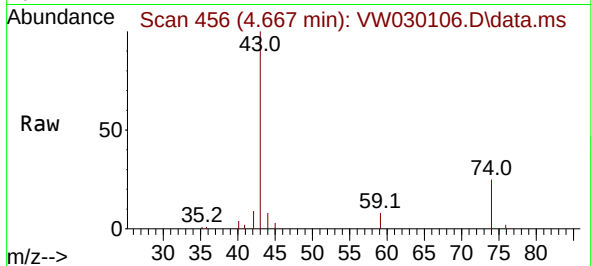




#15
Methyl Acetate
Concen: 10.744 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW030106.D
Acq: 29 Aug 2024 17:44

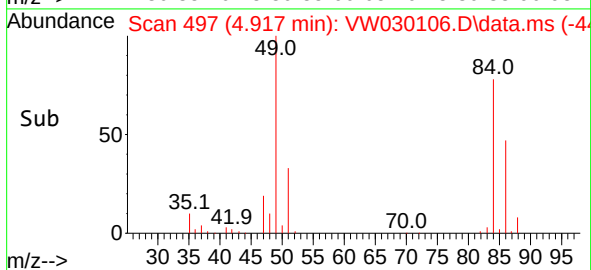
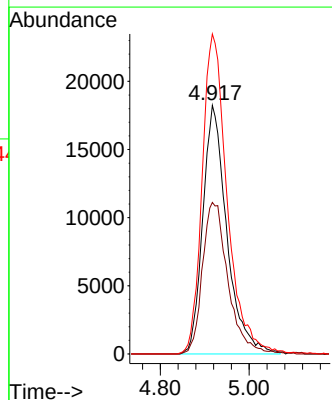
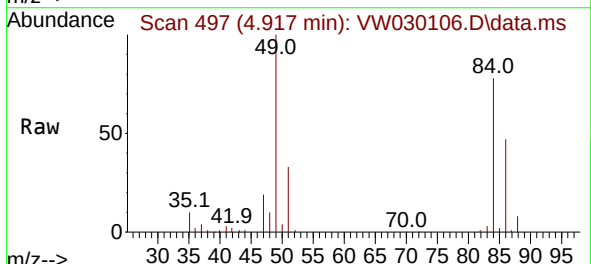
Instrument :
MSVOA_W
ClientSampleId :
A44A3MS

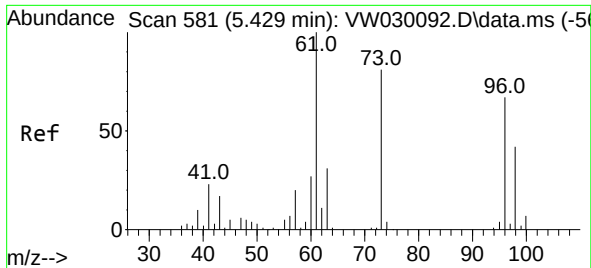
Tgt Ion: 43 Resp: 15808
Ion Ratio Lower Upper
43 100
74 25.1 19.9 29.9



#16
Methylene chloride
Concen: 14.973 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW030106.D
Acq: 29 Aug 2024 17:44

Tgt Ion: 84 Resp: 68794
Ion Ratio Lower Upper
84 100
86 60.9 44.2 82.2
49 128.7 79.9 148.3

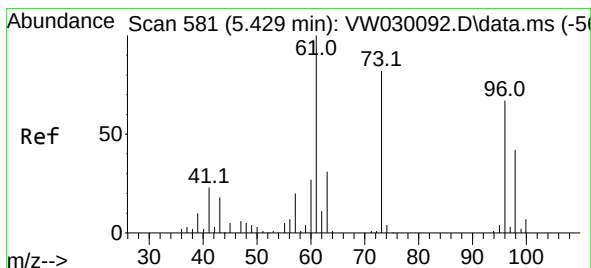
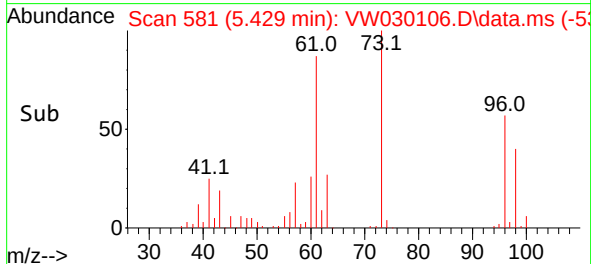
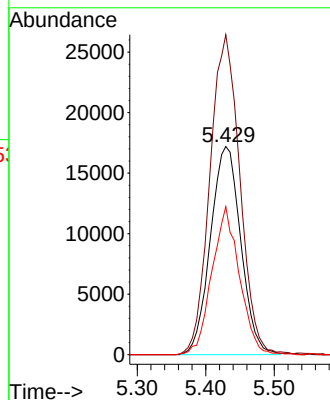
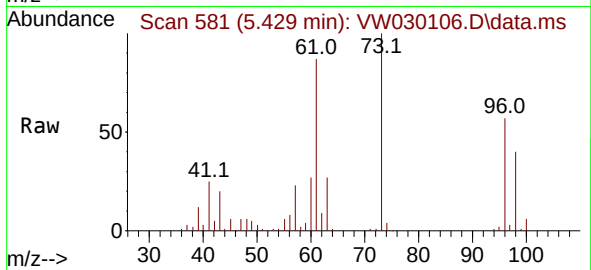




#17
trans-1,2-Dichloroethene
Concen: 13.416 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030106.D
Acq: 29 Aug 2024 17:44

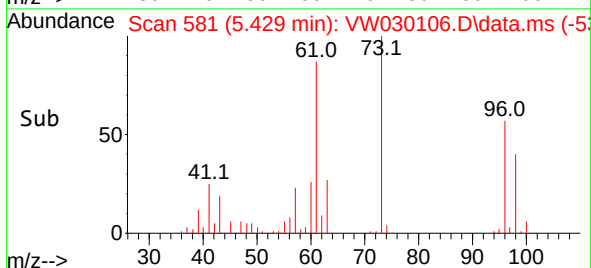
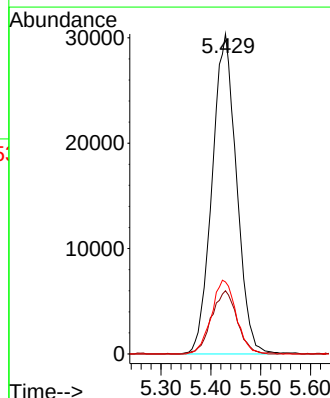
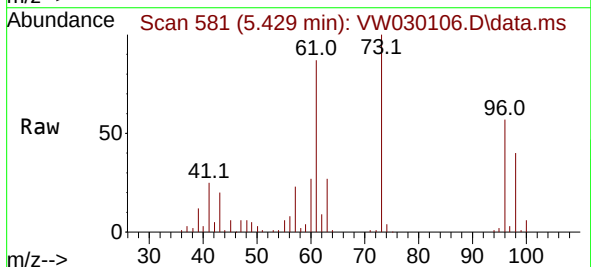
Instrument :
MSVOA_W
ClientSampleId :
A44A3MS

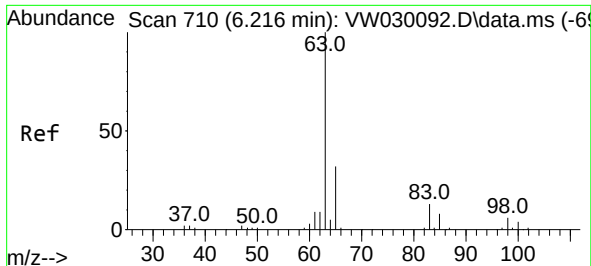
Tgt Ion: 96 Resp: 52895
Ion Ratio Lower Upper
96 100
61 153.7 98.3 182.7
98 71.1 45.3 84.1



#18
Methyl tert-butyl Ether
Concen: 17.134 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030106.D
Acq: 29 Aug 2024 17:44

Tgt Ion: 73 Resp: 103312
Ion Ratio Lower Upper
73 100
43 20.8 15.4 23.2
57 23.3 17.4 26.0

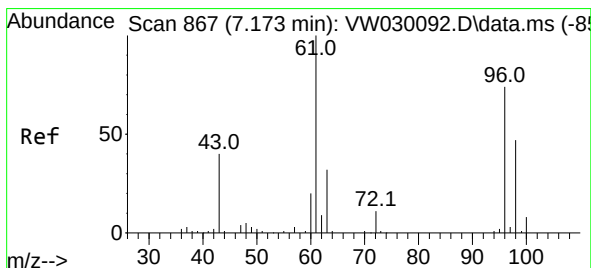
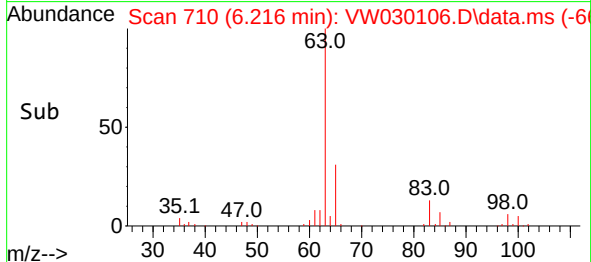
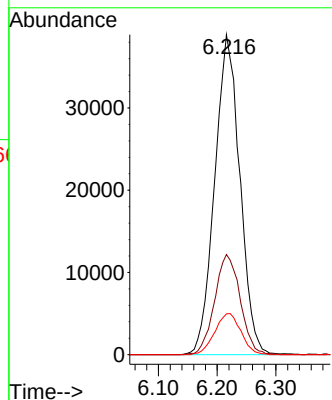
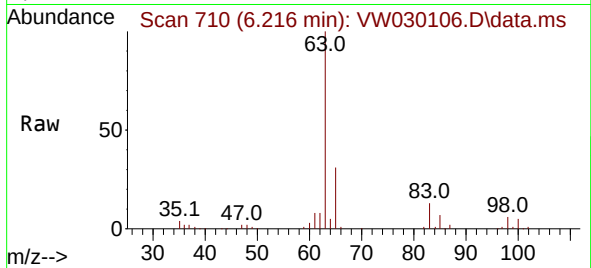




#19
 1,1-Dichloroethane
 Concen: 15.785 ug/L
 RT: 6.216 min Scan# 710
 Delta R.T. 0.000 min
 Lab File: VW030106.D
 Acq: 29 Aug 2024 17:44

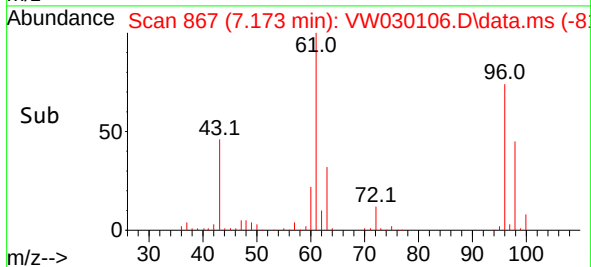
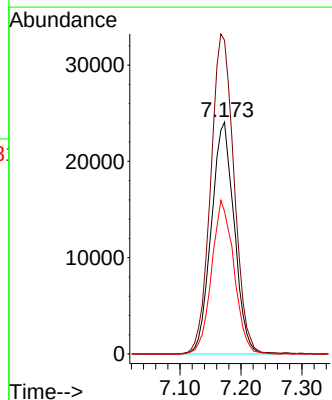
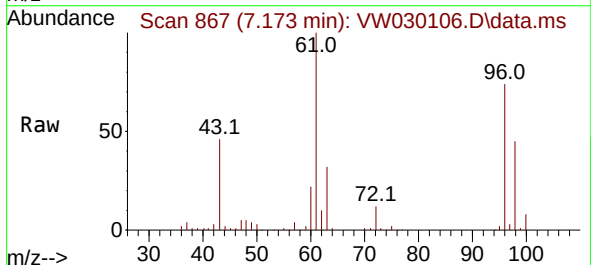
Instrument :
 MSVOA_W
 ClientSampleId :
 A44A3MS

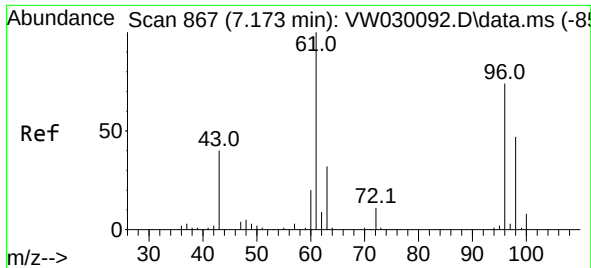
Tgt Ion: 63 Resp: 115654
 Ion Ratio Lower Upper
 63 100
 65 31.3 21.6 40.0
 83 12.8 9.7 17.9



#20
 cis-1,2-Dichloroethene
 Concen: 14.440 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.000 min
 Lab File: VW030106.D
 Acq: 29 Aug 2024 17:44

Tgt Ion: 96 Resp: 62926
 Ion Ratio Lower Upper
 96 100
 61 135.4 99.6 185.0
 98 61.5 46.5 86.5

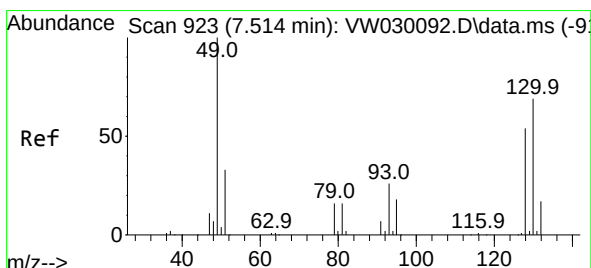
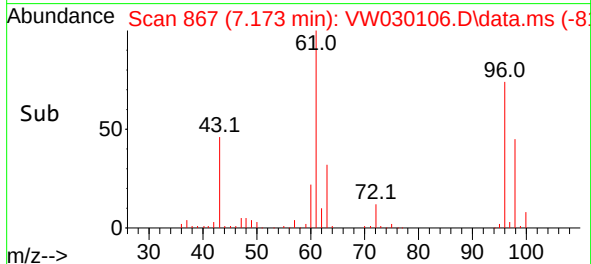
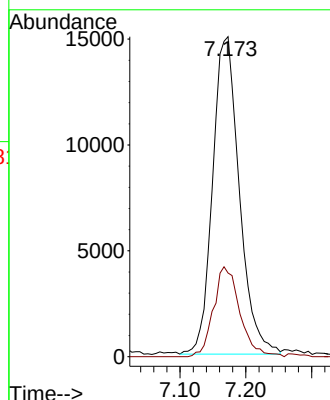
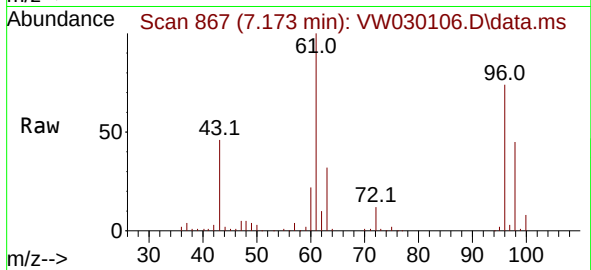




#22
2-Butanone
Concen: 39.349 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW030106.D
Acq: 29 Aug 2024 17:44

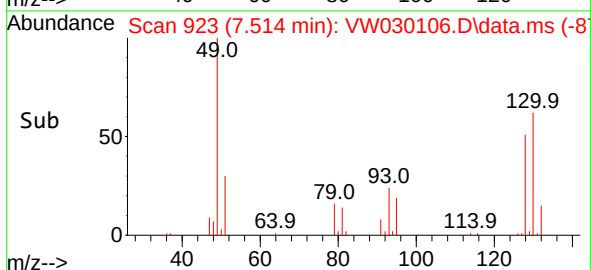
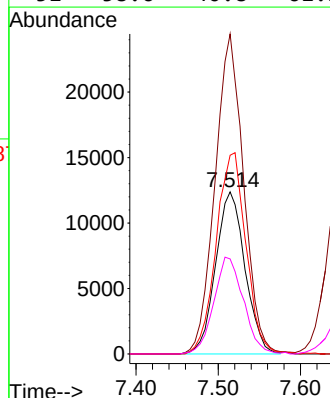
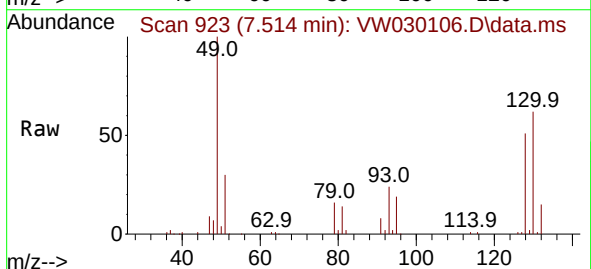
Instrument :
MSVOA_W
ClientSampleId :
A44A3MS

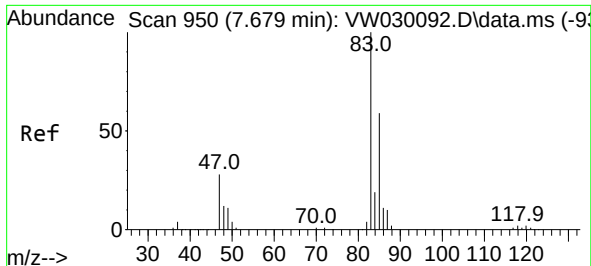
Tgt Ion: 43 Resp: 42492
Ion Ratio Lower Upper
43 100
72 27.8 15.0 45.1



#23
Bromochloromethane
Concen: 16.653 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW030106.D
Acq: 29 Aug 2024 17:44

Tgt Ion: 128 Resp: 30781
Ion Ratio Lower Upper
128 100
49 197.4 117.3 217.9
130 122.6 89.3 165.9
51 58.6 40.8 61.2

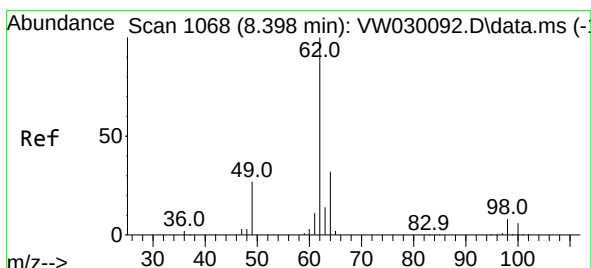
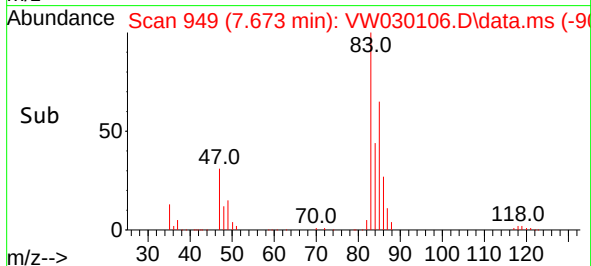
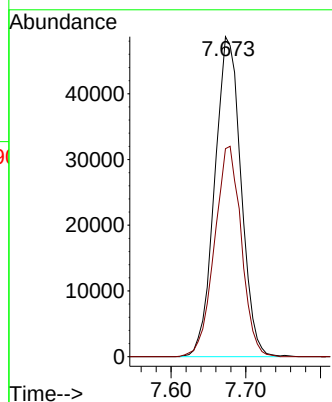
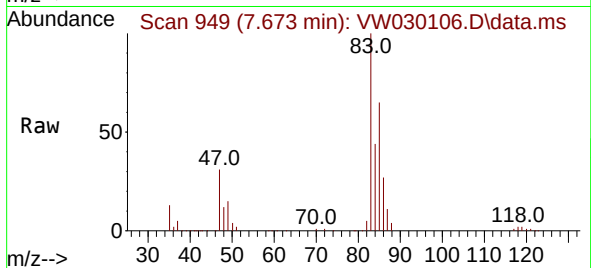




#25
Chloroform
Concen: 15.889 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW030106.D
Acq: 29 Aug 2024 17:44

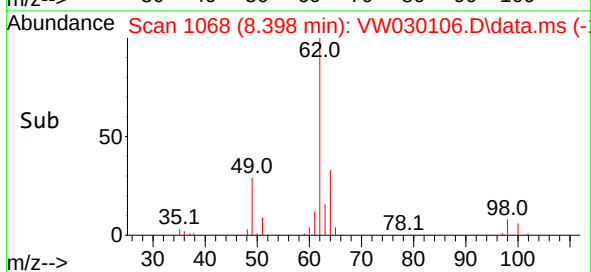
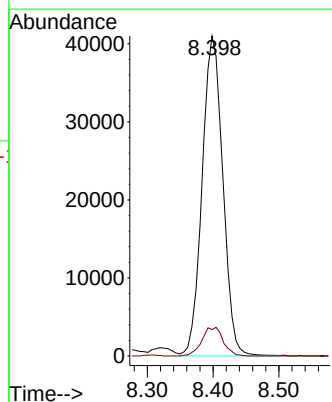
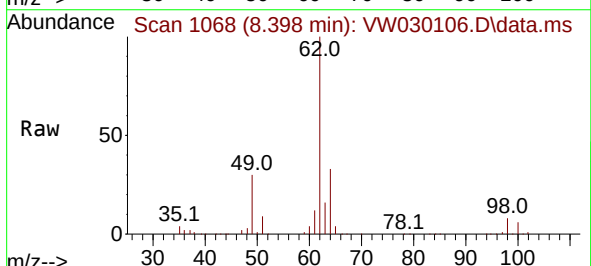
Instrument :
MSVOA_W
ClientSampleId :
A44A3MS

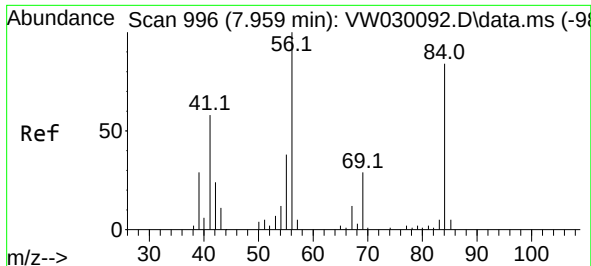
Tgt Ion: 83 Resp: 119077
Ion Ratio Lower Upper
83 100
85 65.0 44.4 82.4



#27
1,2-Dichloroethane
Concen: 18.727 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW030106.D
Acq: 29 Aug 2024 17:44

Tgt Ion: 62 Resp: 89834
Ion Ratio Lower Upper
62 100
98 8.3 7.7 11.5

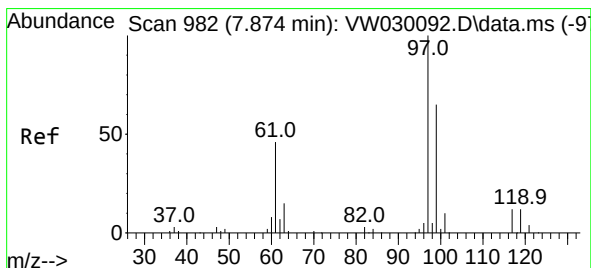
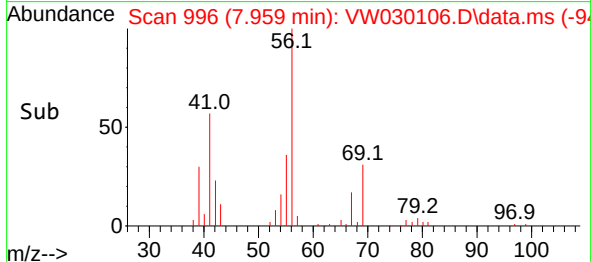
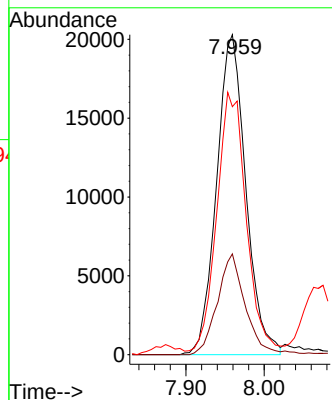
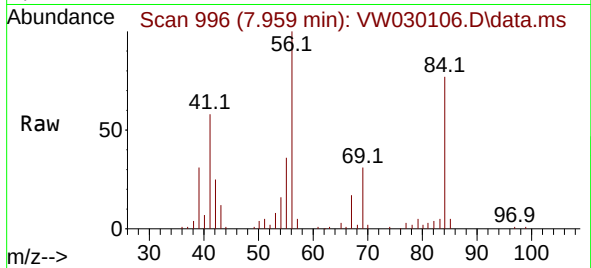




#29
Cyclohexane
Concen: 7.830 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW030106.D
Acq: 29 Aug 2024 17:44

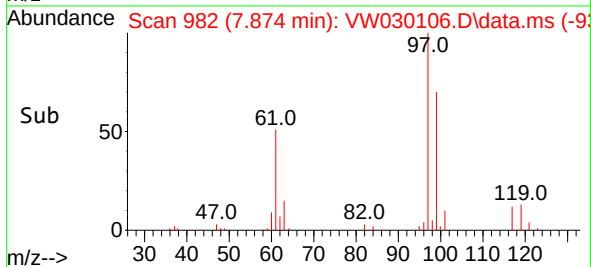
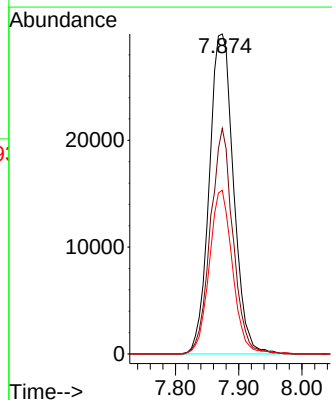
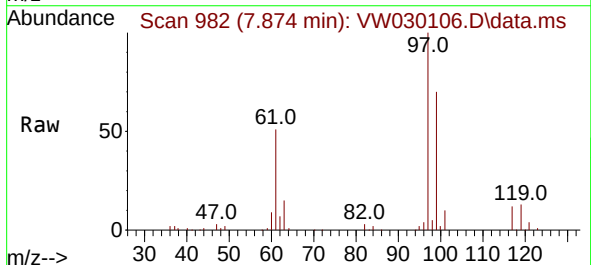
Instrument :
MSVOA_W
ClientSampleId :
A44A3MS

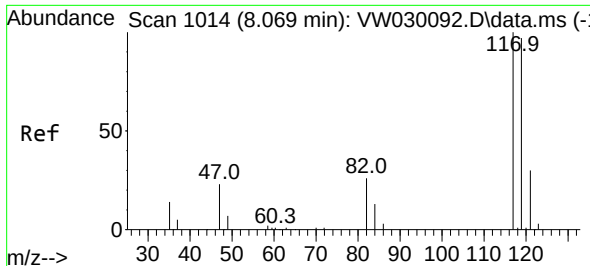
Tgt Ion:	56	Resp:	52667
Ion	Ratio	Lower	Upper
56	100		
69	29.6	24.4	36.6
84	83.0	68.1	102.1



#30
1,1,1-Trichloroethane
Concen: 12.238 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW030106.D
Acq: 29 Aug 2024 17:44

Tgt Ion:	97	Resp:	79852
Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.7	77.5
61	49.1	37.2	55.8

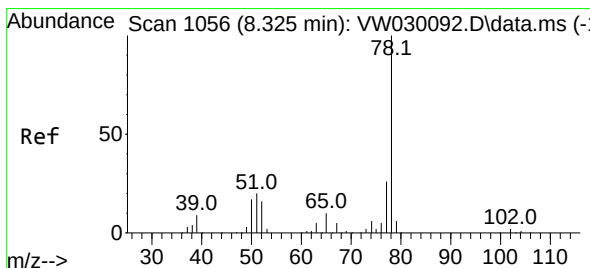
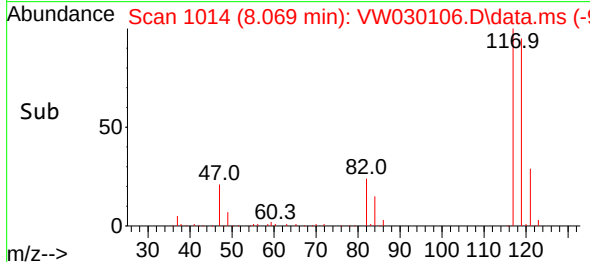
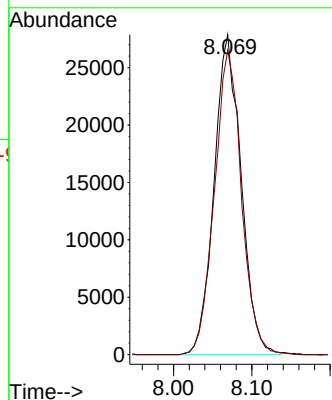
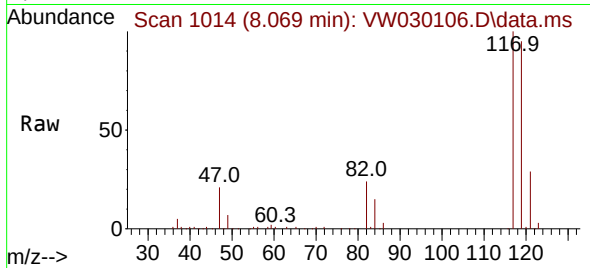




#31
Carbon tetrachloride
Concen: 11.357 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW030106.D
Acq: 29 Aug 2024 17:44

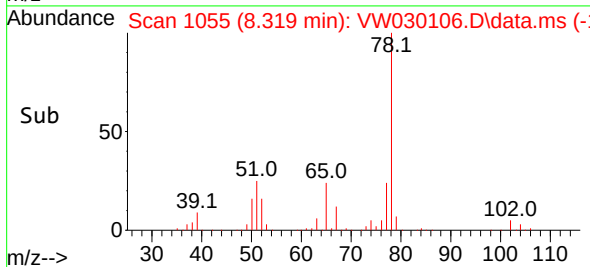
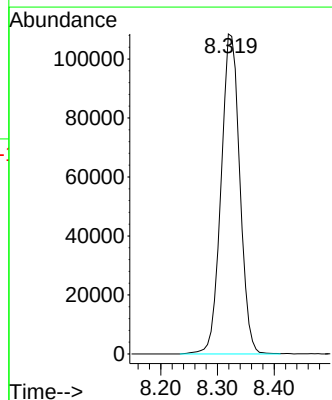
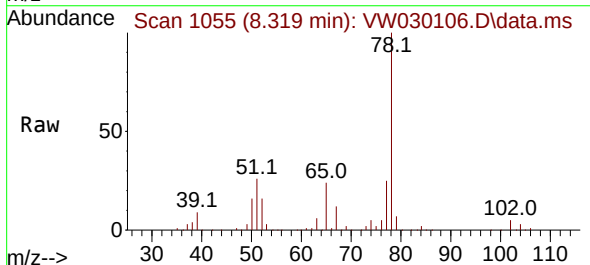
Instrument :
MSVOA_W
ClientSampleId :
A44A3MS

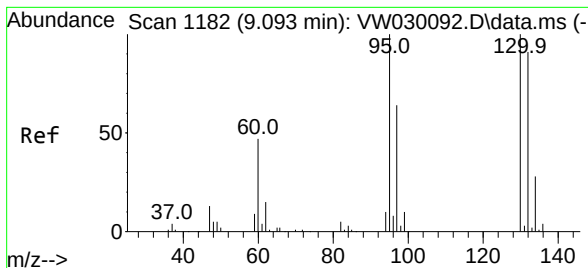
Tgt Ion:117 Resp: 66579
Ion Ratio Lower Upper
117 100
119 95.6 77.7 116.5



#33
Benzene
Concen: 13.938 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW030106.D
Acq: 29 Aug 2024 17:44

Tgt Ion: 78 Resp: 248776





#34

Trichloroethene

Concen: 12.316 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030106.D

Acq: 29 Aug 2024 17:44

Instrument :

MSVOA_W

ClientSampleId :

A44A3MS

Tgt Ion: 95 Resp: 59190

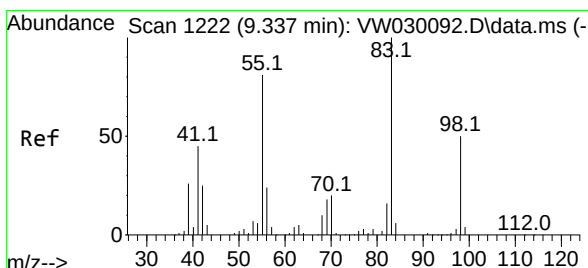
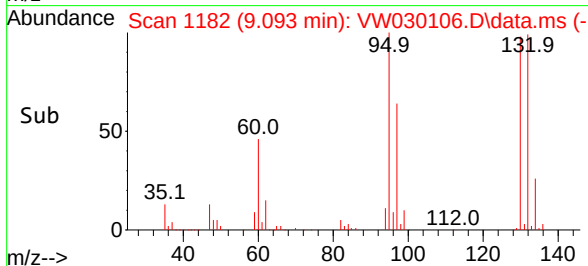
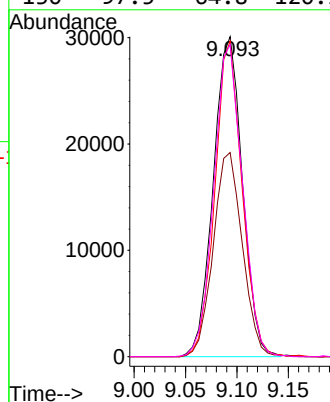
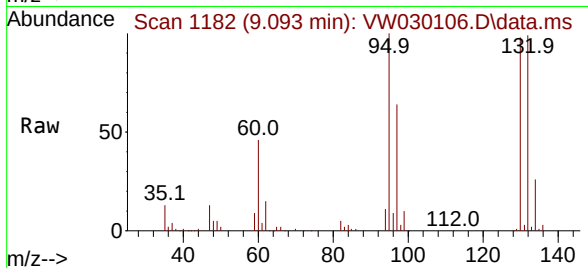
Ion Ratio Lower Upper

95 100

97 63.8 43.3 80.5

132 98.6 63.6 118.0

130 97.5 64.8 120.3



#35

Methylcyclohexane

Concen: 7.494 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW030106.D

Acq: 29 Aug 2024 17:44

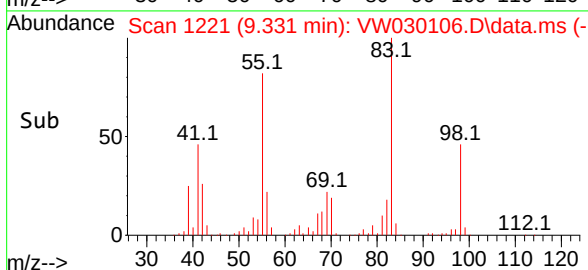
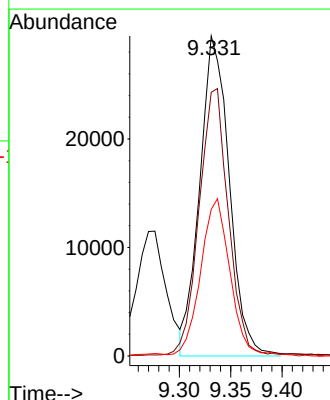
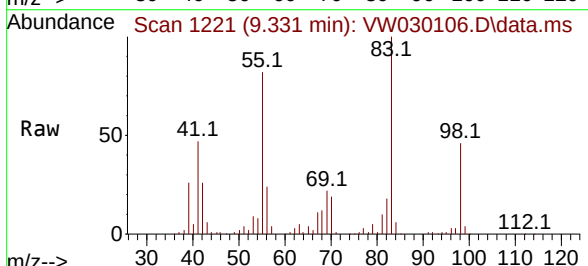
Tgt Ion: 83 Resp: 58991

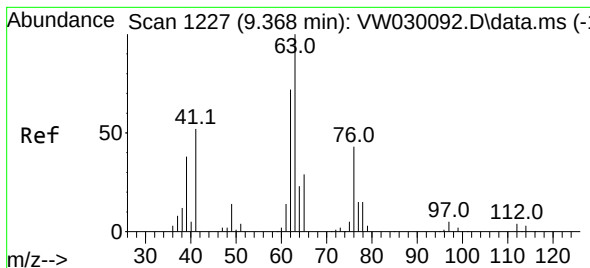
Ion Ratio Lower Upper

83 100

55 82.9 59.0 88.6

98 49.0 38.2 57.4





#37

1,2-Dichloropropane

Concen: 16.207 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030106.D

Acq: 29 Aug 2024 17:44

Instrument :

MSVOA_W

ClientSampleId :

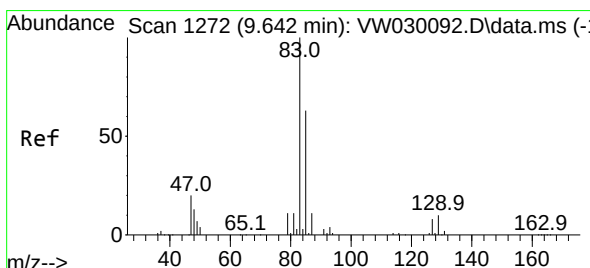
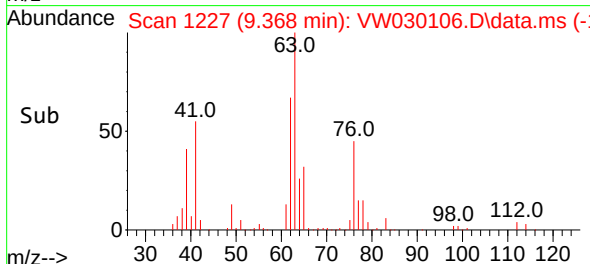
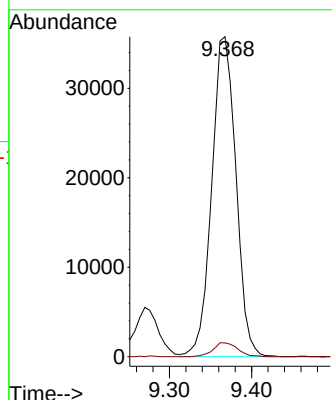
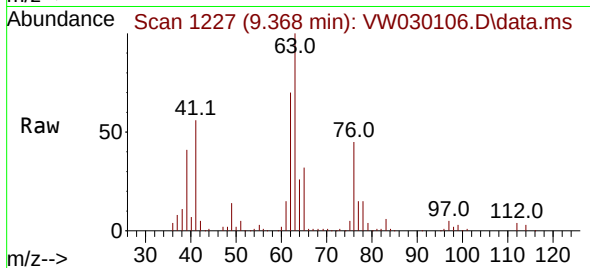
A44A3MS

Tgt Ion: 63 Resp: 73253

Ion Ratio Lower Upper

63 100

112 4.4 3.7 5.5



#38

Bromodichloromethane

Concen: 15.957 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030106.D

Acq: 29 Aug 2024 17:44

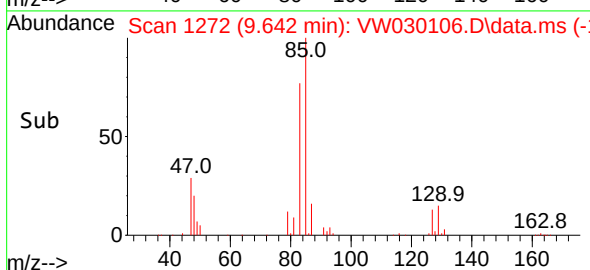
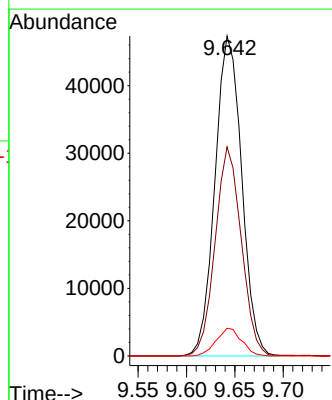
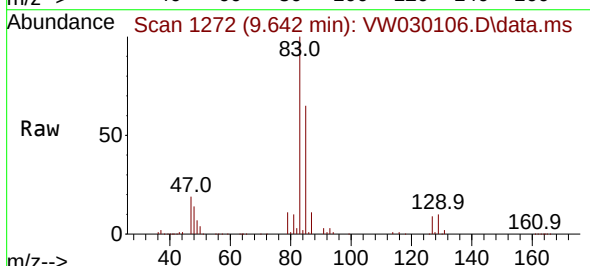
Tgt Ion: 83 Resp: 91000

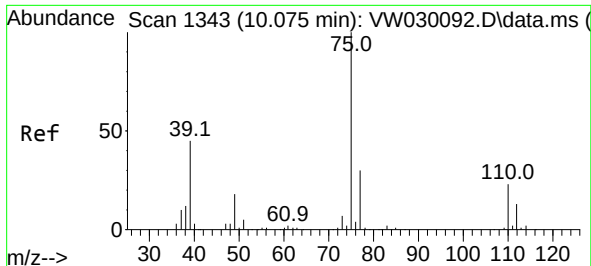
Ion Ratio Lower Upper

83 100

85 65.4 42.9 79.7

127 8.7 6.6 9.8

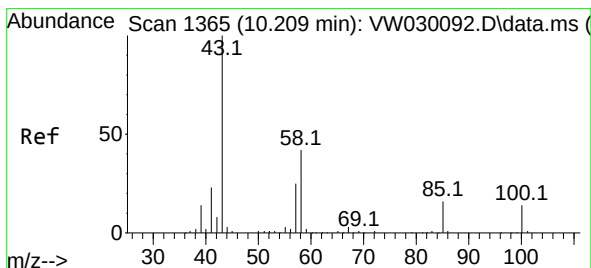
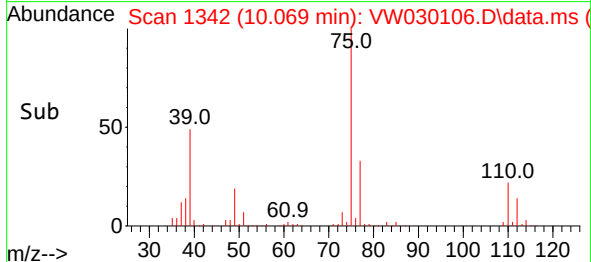
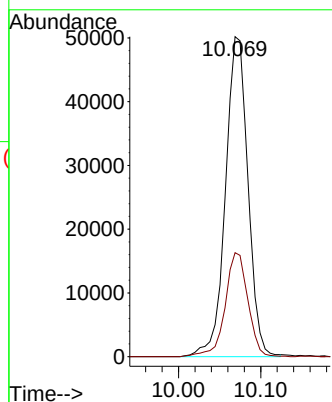
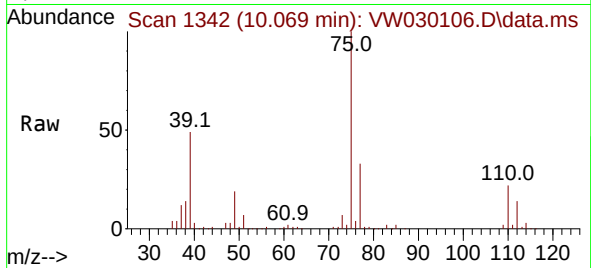




#39
cis-1,3-Dichloropropene
Concen: 13.745 ug/L
RT: 10.069 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW030106.D
Acq: 29 Aug 2024 17:44

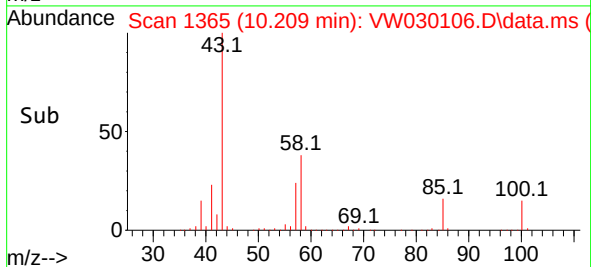
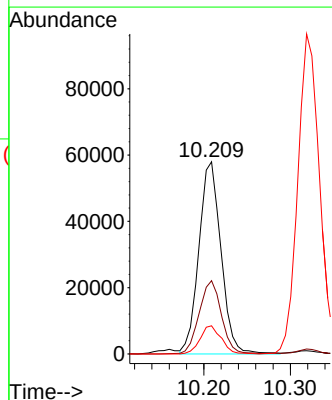
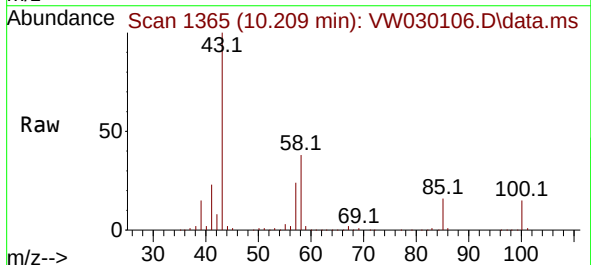
Instrument :
MSVOA_W
ClientSampleId :
A44A3MS

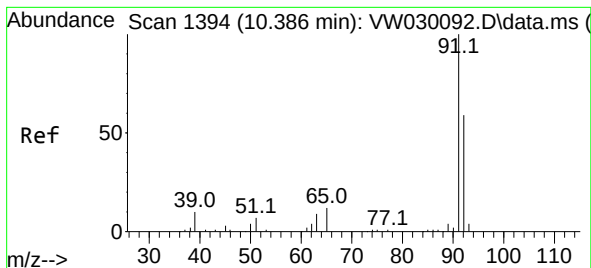
Tgt Ion: 75 Resp: 95622
Ion Ratio Lower Upper
75 100
77 32.5 22.8 42.4



#40
4-Methyl-2-pentanone
Concen: 45.812 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW030106.D
Acq: 29 Aug 2024 17:44

Tgt Ion: 43 Resp: 103070
Ion Ratio Lower Upper
43 100
58 37.7 34.0 51.0
100 14.0 13.5 20.3





#42

Toluene

Concen: 13.836 ug/L

RT: 10.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030106.D

Acq: 29 Aug 2024 17:44

Instrument :

MSVOA_W

ClientSampleId :

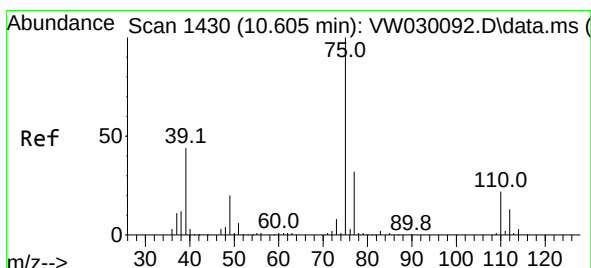
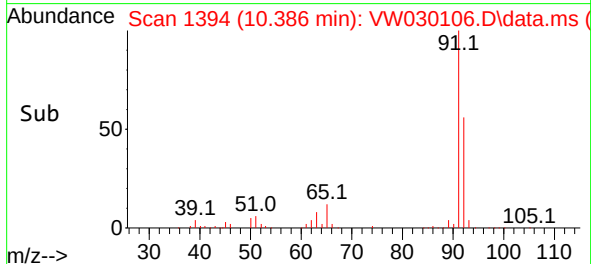
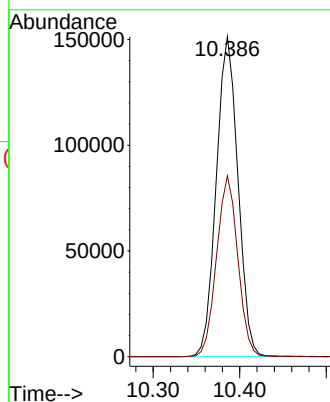
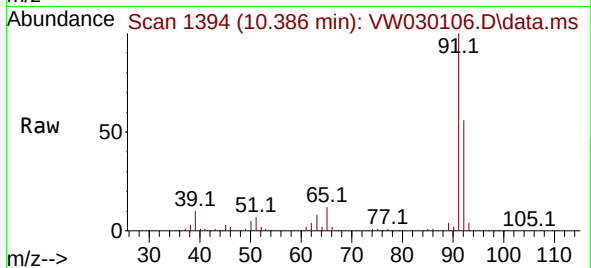
A44A3MS

Tgt Ion: 91 Resp: 262987

Ion Ratio Lower Upper

91 100

92 56.5 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 15.155 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030106.D

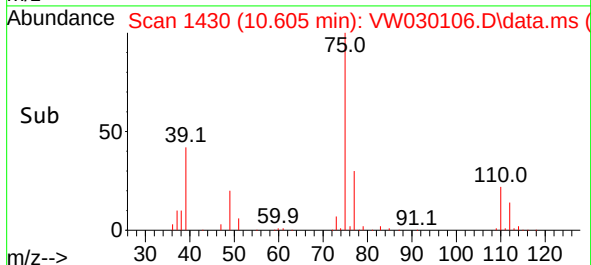
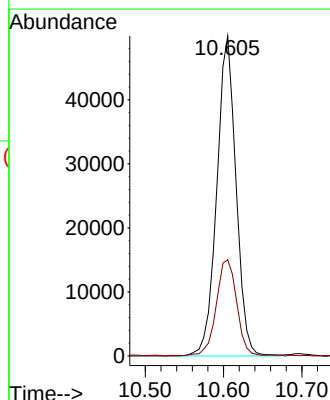
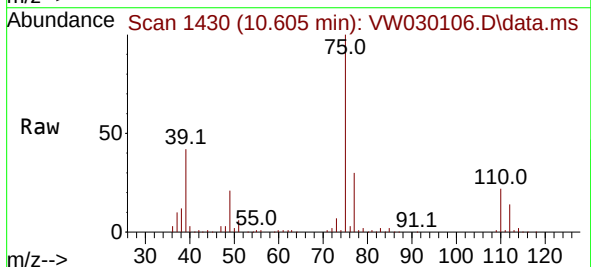
Acq: 29 Aug 2024 17:44

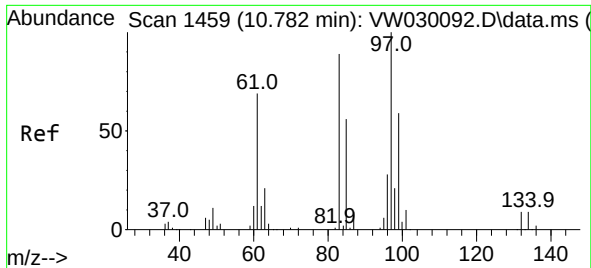
Tgt Ion: 75 Resp: 85309

Ion Ratio Lower Upper

75 100

77 30.1 22.0 40.8

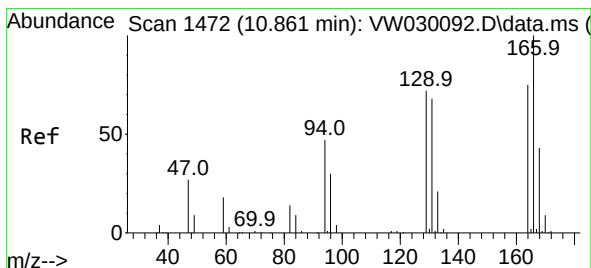
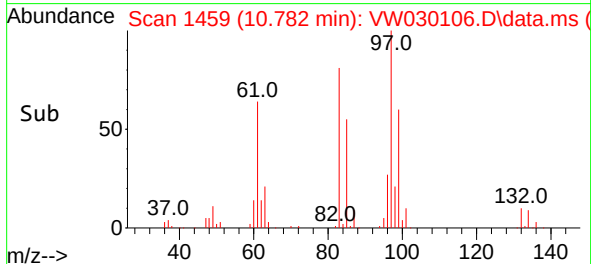
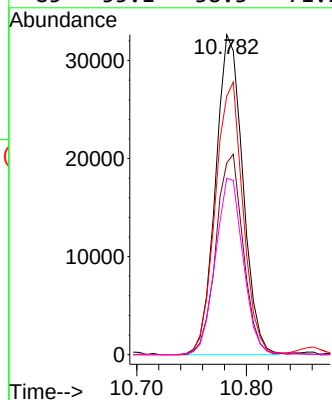
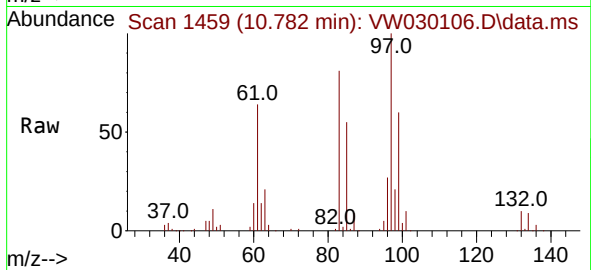




#45
1,1,2-Trichloroethane
Concen: 17.034 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW030106.D
Acq: 29 Aug 2024 17:44

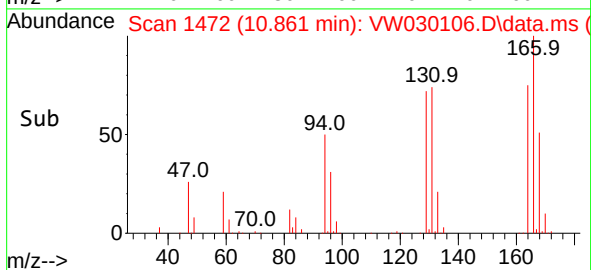
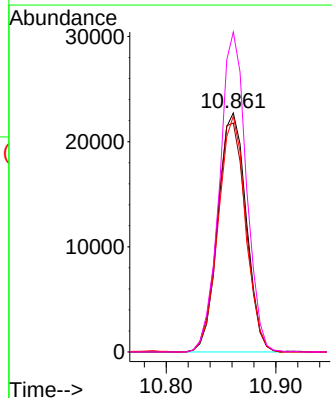
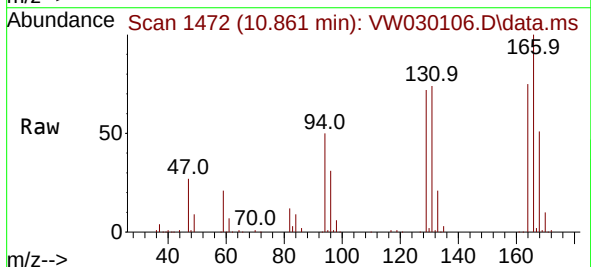
Instrument :
MSVOA_W
ClientSampleId :
A44A3MS

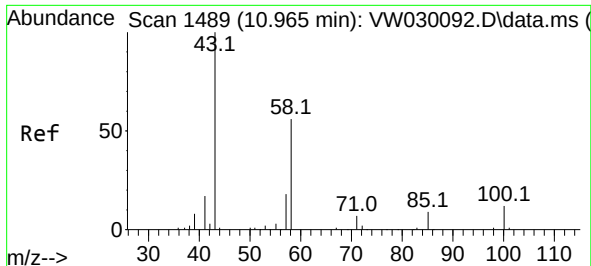
Tgt Ion: 97	Resp: 56430
Ion Ratio	Lower Upper
97 100	
99 59.9	40.3 74.8
83 80.8	58.0 107.6
85 55.1	38.3 71.1



#46
Tetrachloroethene
Concen: 11.129 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW030106.D
Acq: 29 Aug 2024 17:44

Tgt	Ion:164	Resp:	40595
Ion	Ratio	Lower	Upper
164	100		
129	95.8	66.1	122.7
131	98.6	62.6	116.2
166	133.8	81.2	150.8

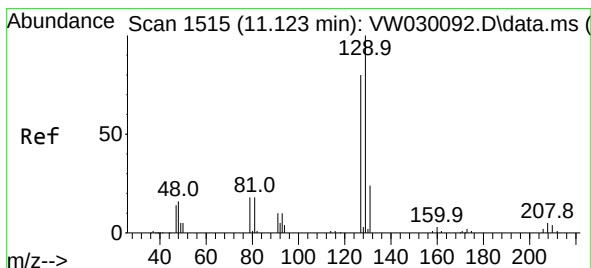
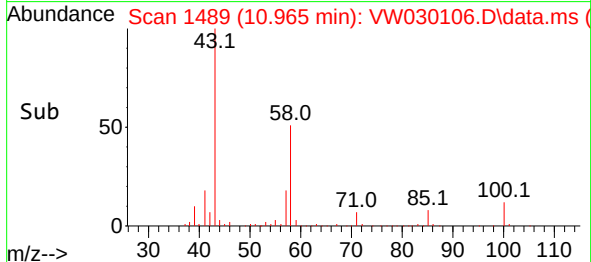
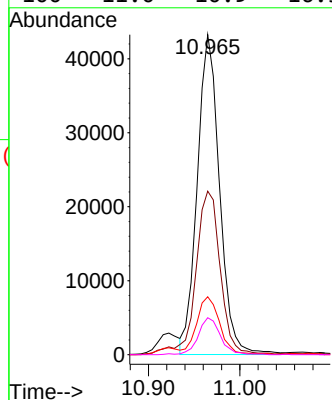
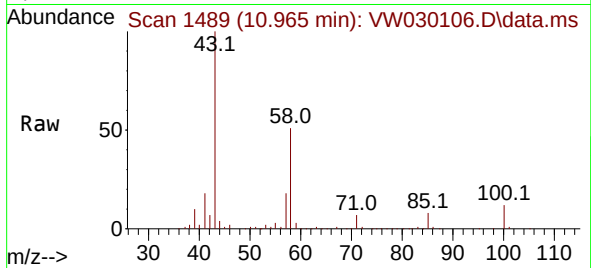




#48
2-Hexanone
Concen: 45.850 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030106.D
Acq: 29 Aug 2024 17:44

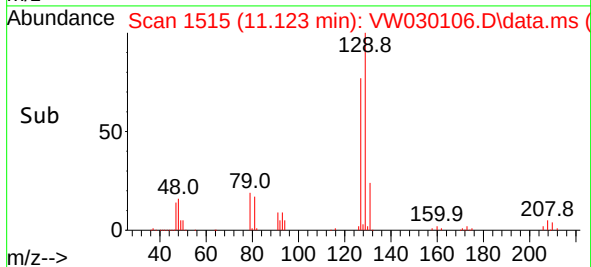
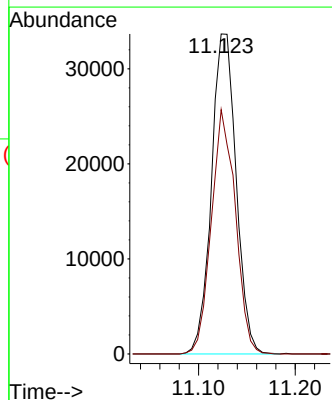
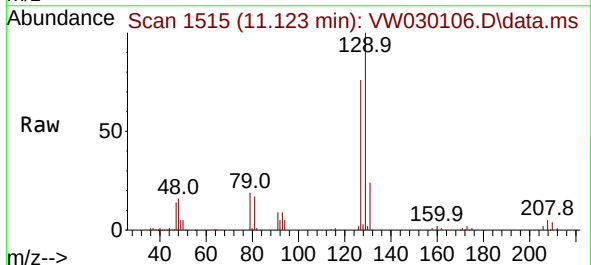
Instrument :
MSVOA_W
ClientSampleId :
A44A3MS

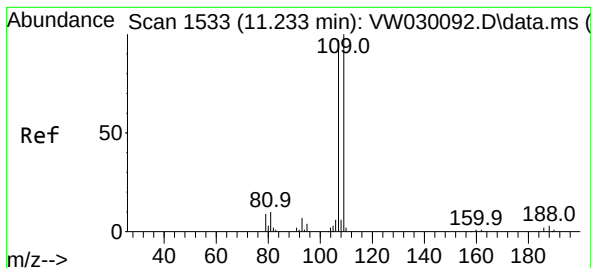
Tgt Ion:	43	Resp:	73333
Ion	Ratio	Lower	Upper
43	100		
58	54.3	50.0	75.0
57	18.6	17.3	25.9
100	11.0	10.9	16.3



#49
Dibromochloromethane
Concen: 16.992 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW030106.D
Acq: 29 Aug 2024 17:44

Tgt Ion:	129	Resp:	59809
Ion	Ratio	Lower	Upper
129	100		
127	76.4	51.8	96.2





#50

1,2-Dibromoethane

Concen: 17.132 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030106.D

Acq: 29 Aug 2024 17:44

Instrument :

MSVOA_W

ClientSampleId :

A44A3MS

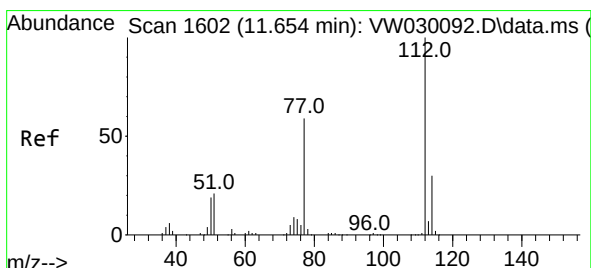
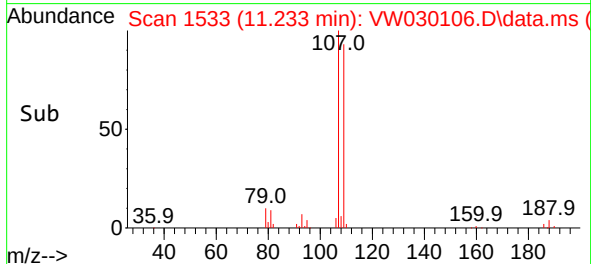
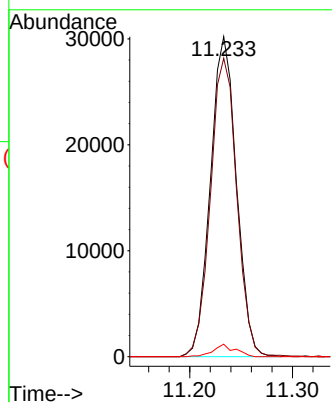
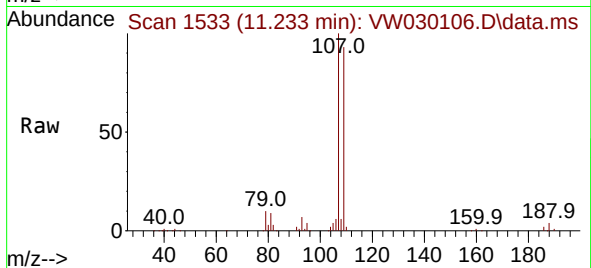
Tgt Ion:107 Resp: 53014

Ion Ratio Lower Upper

107 100

109 93.2 61.7 114.5

188 3.9 3.1 4.7



#51

Chlorobenzene

Concen: 13.732 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW030106.D

Acq: 29 Aug 2024 17:44

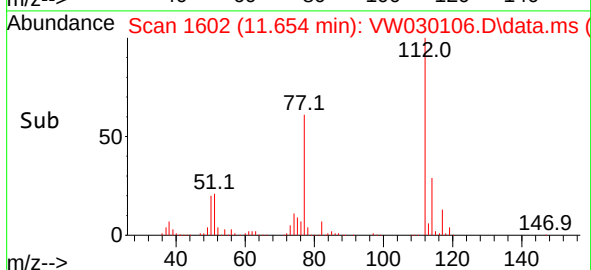
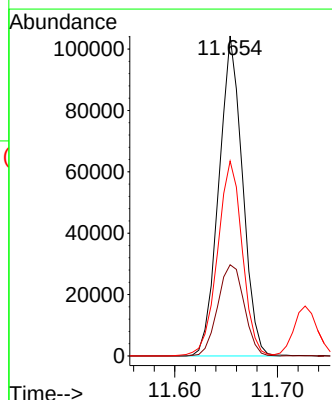
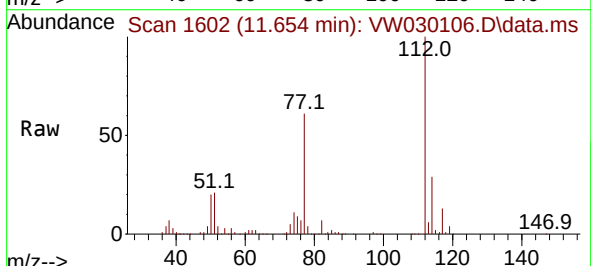
Tgt Ion:112 Resp: 166891

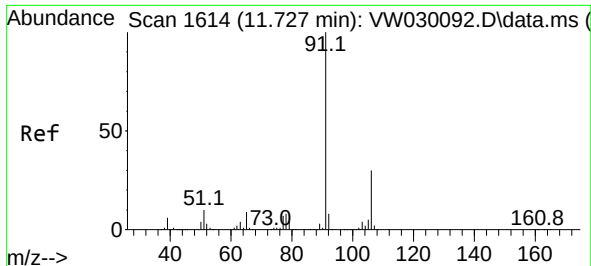
Ion Ratio Lower Upper

112 100

114 28.5 20.9 38.9

77 60.9 47.1 70.7





#52

Ethylbenzene

Concen: 13.088 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030106.D

Acq: 29 Aug 2024 17:44

Instrument :

MSVOA_W

ClientSampleId :

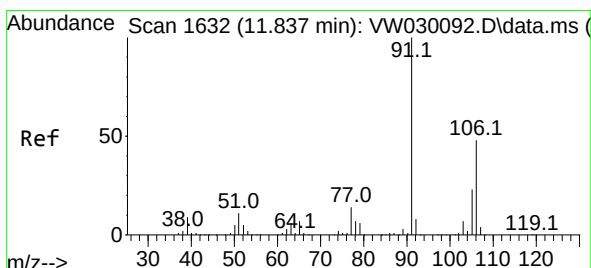
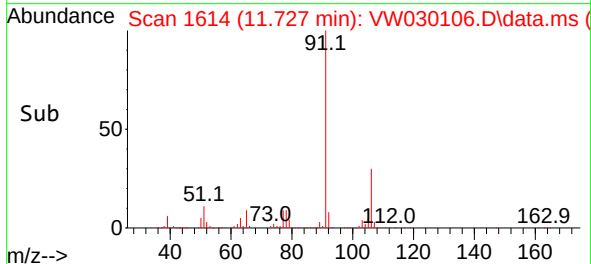
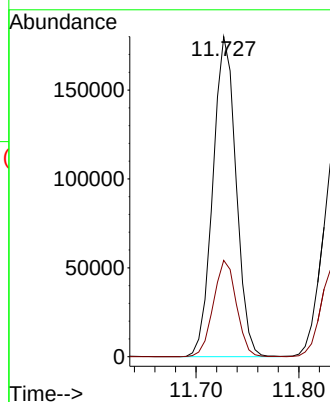
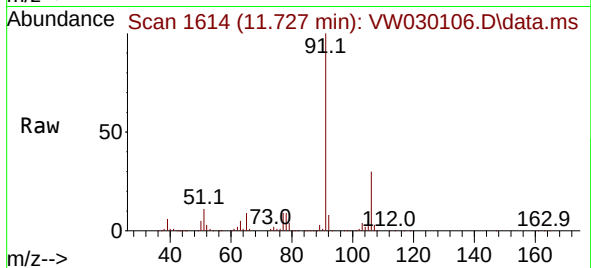
A44A3MS

Tgt Ion: 91 Resp: 281875

Ion Ratio Lower Upper

91 100

106 30.1 22.0 41.0



#53

m,p-Xylene

Concen: 12.865 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030106.D

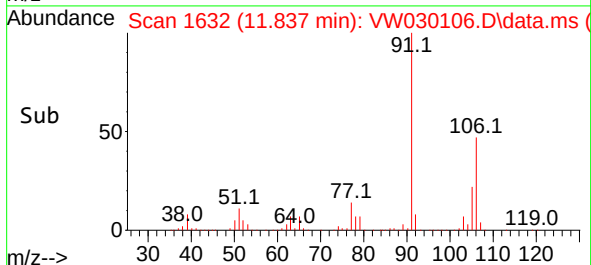
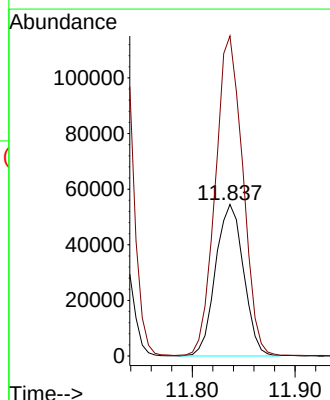
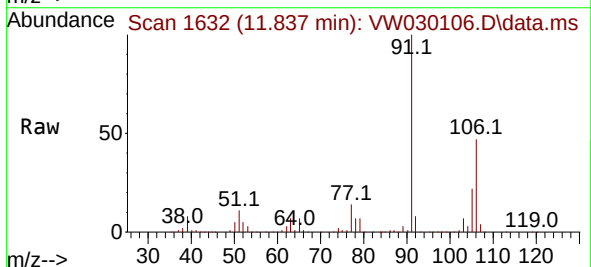
Acq: 29 Aug 2024 17:44

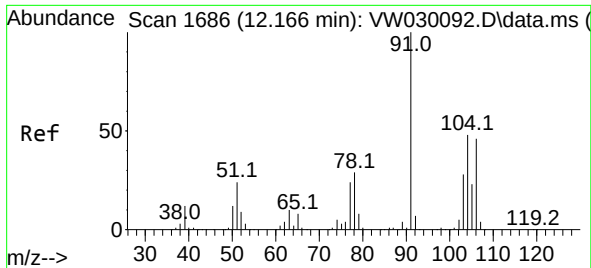
Tgt Ion: 106 Resp: 103398

Ion Ratio Lower Upper

106 100

91 211.3 146.7 272.4

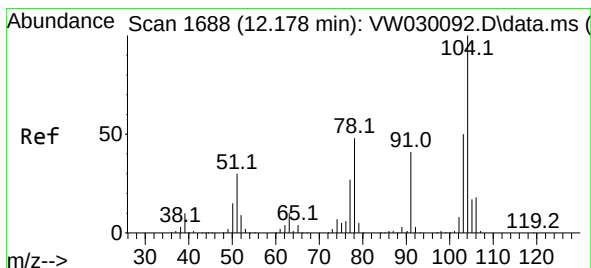
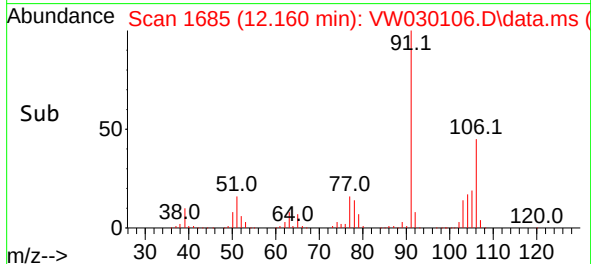
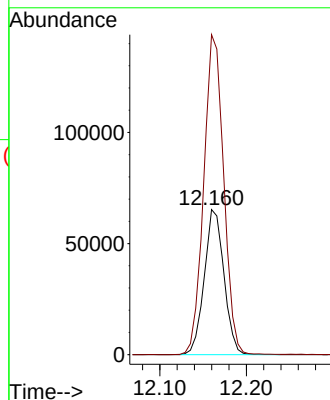
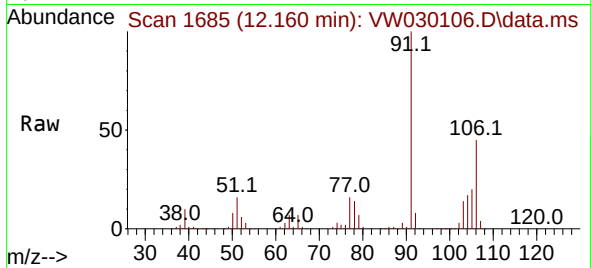




#54
o-Xylene
Concen: 13.369 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW030106.D
Acq: 29 Aug 2024 17:44

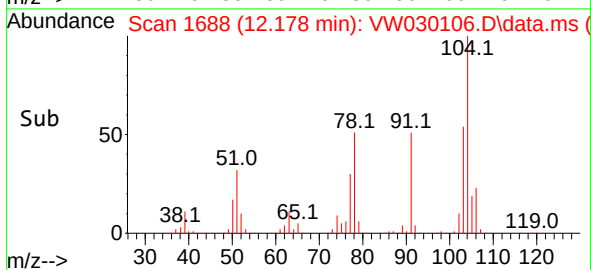
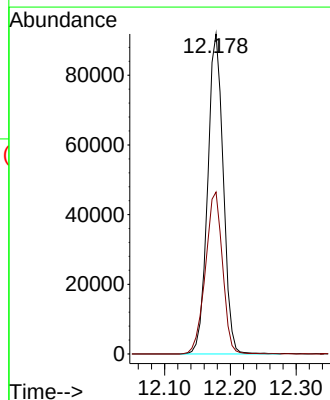
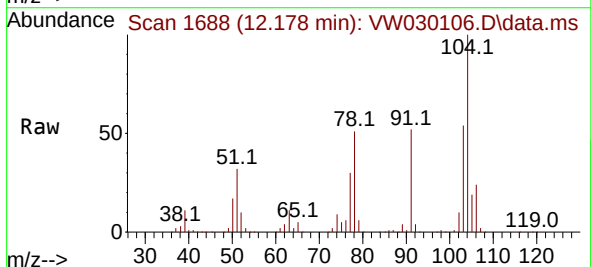
Instrument :
MSVOA_W
ClientSampleId :
A44A3MS

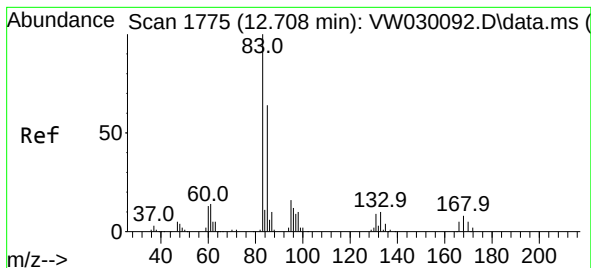
Tgt Ion:106 Resp: 103133
Ion Ratio Lower Upper
106 100
91 220.6 153.9 285.7



#55
Styrene
Concen: 11.730 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030106.D
Acq: 29 Aug 2024 17:44

Tgt Ion:104 Resp: 151615
Ion Ratio Lower Upper
104 100
78 50.6 32.8 60.8

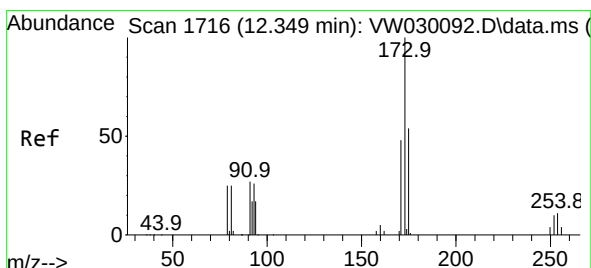
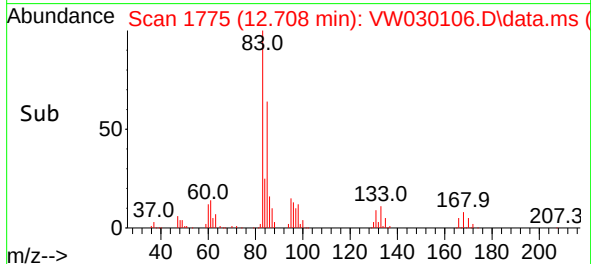
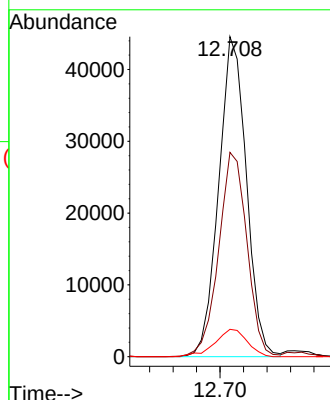
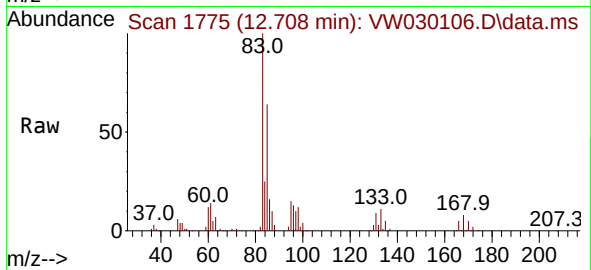




#57
1,1,2-Tetrachloroethane
Concen: 19.535 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW030106.D
Acq: 29 Aug 2024 17:44

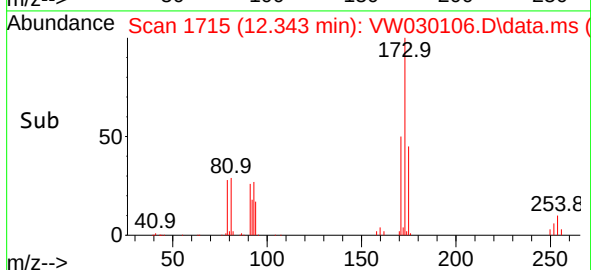
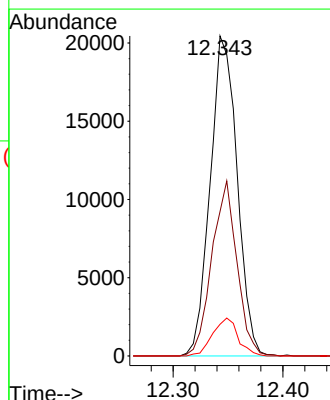
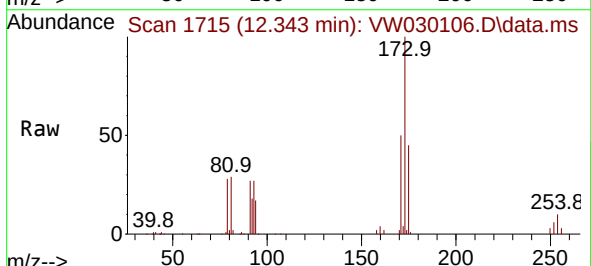
Instrument :
MSVOA_W
ClientSampleId :
A44A3MS

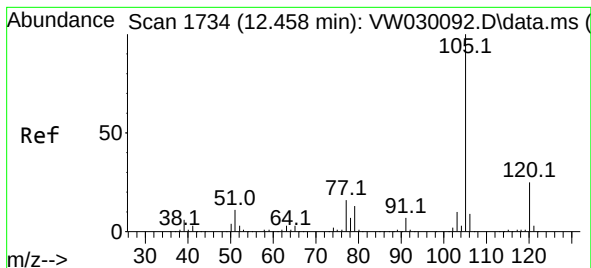
Tgt Ion: 83 Resp: 72874
Ion Ratio Lower Upper
83 100
85 63.9 44.0 81.8
131 8.5 7.3 10.9



#59
Bromoform
Concen: 17.890 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW030106.D
Acq: 29 Aug 2024 17:44

Tgt Ion: 173 Resp: 34960
Ion Ratio Lower Upper
173 100
175 50.9 41.4 62.2
254 11.2 8.6 13.0





#60

Isopropylbenzene

Concen: 12.361 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030106.D

Acq: 29 Aug 2024 17:44

Instrument :

MSVOA_W

ClientSampleId :

A44A3MS

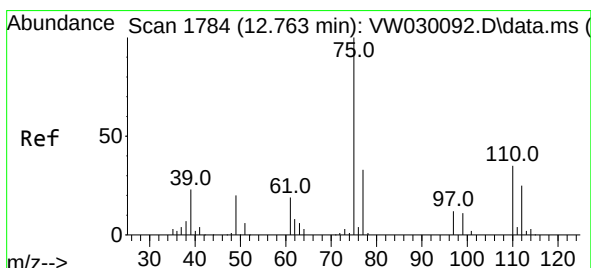
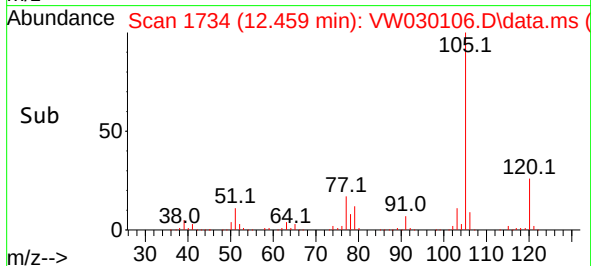
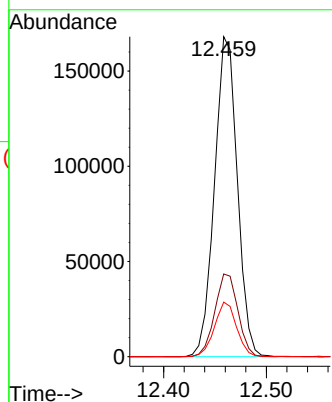
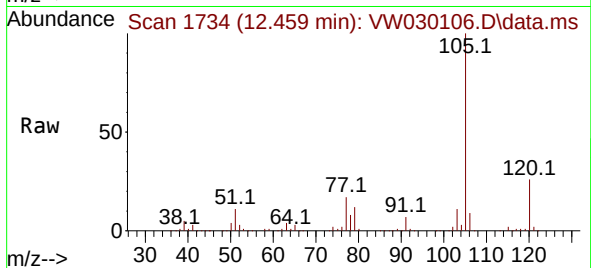
Tgt Ion:105 Resp: 258778

Ion Ratio Lower Upper

105 100

120 26.2 20.6 30.8

77 16.6 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 19.959 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW030106.D

Acq: 29 Aug 2024 17:44

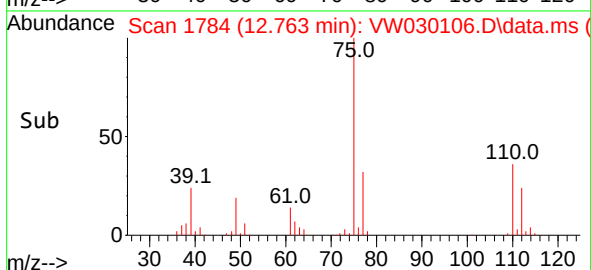
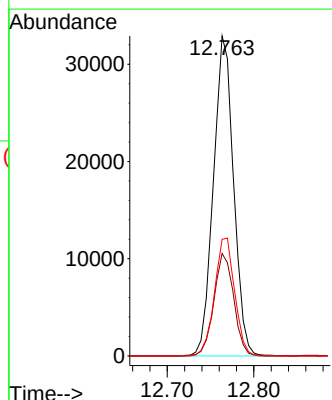
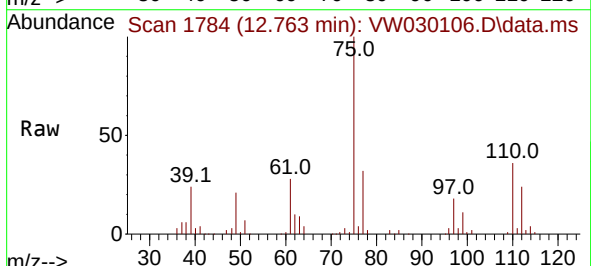
Tgt Ion: 75 Resp: 53253

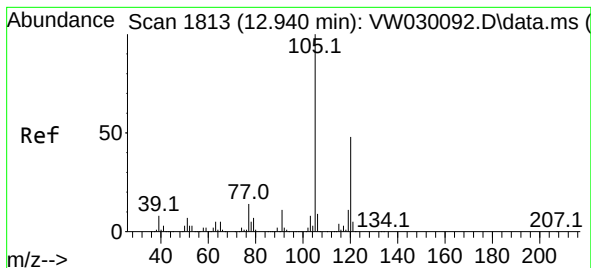
Ion Ratio Lower Upper

75 100

77 31.4 26.0 39.0

110 36.8 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 13.566 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030106.D

Acq: 29 Aug 2024 17:44

Instrument :

MSVOA_W

ClientSampleId :

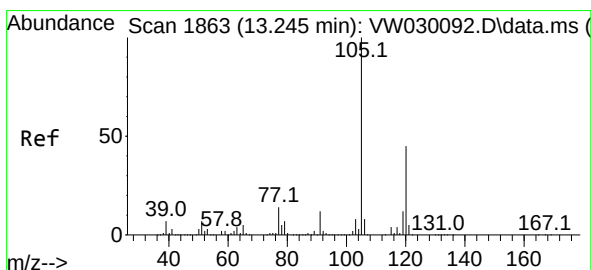
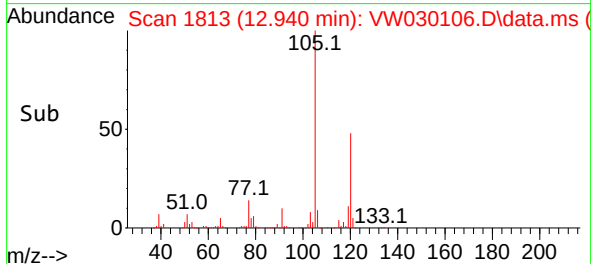
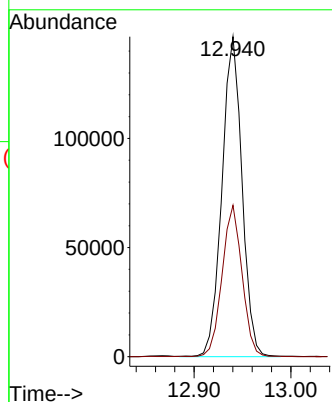
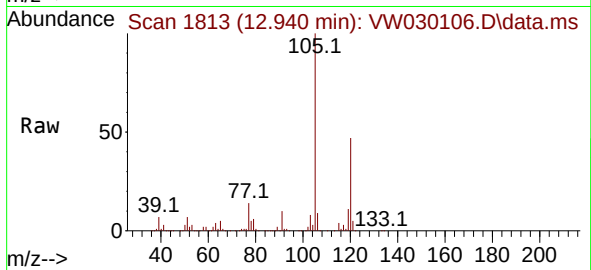
A44A3MS

Tgt Ion:105 Resp: 211171

Ion Ratio Lower Upper

105 100

120 46.9 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 12.939 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030106.D

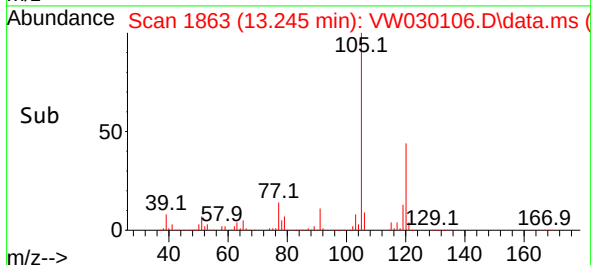
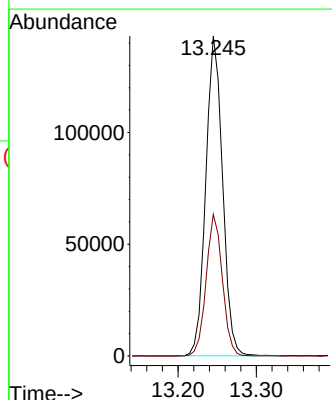
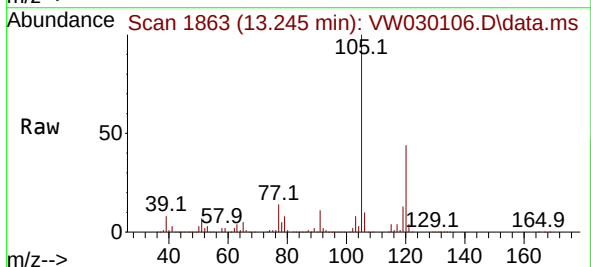
Acq: 29 Aug 2024 17:44

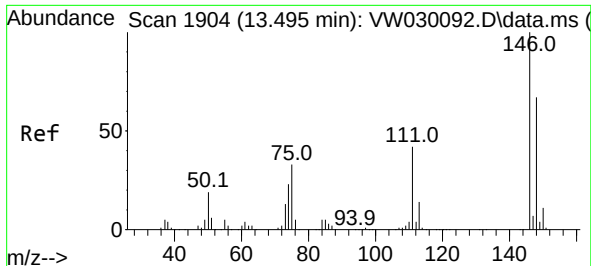
Tgt Ion:105 Resp: 212289

Ion Ratio Lower Upper

105 100

120 42.8 36.3 54.5

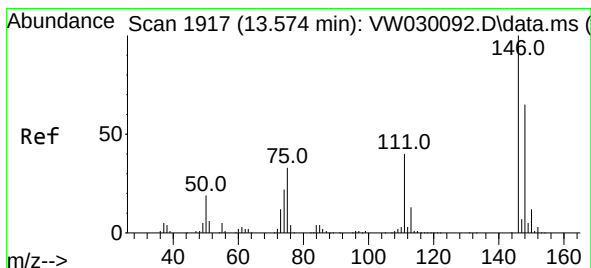
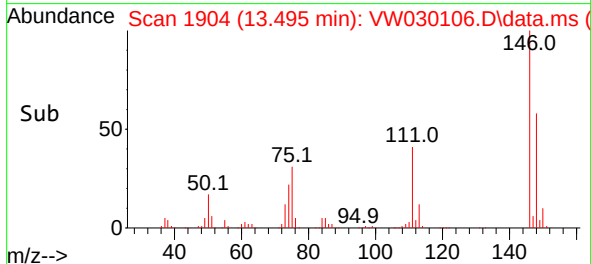
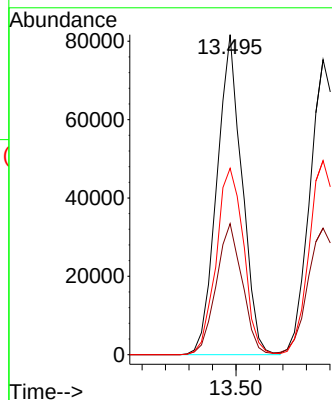
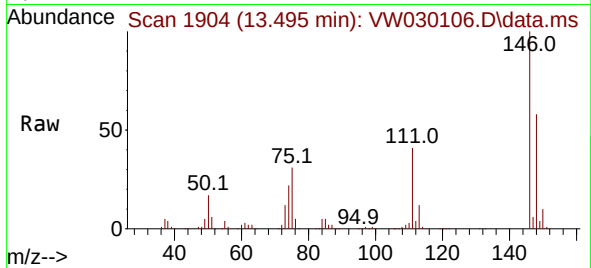




#64
1,3-Dichlorobenzene
Concen: 13.613 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030106.D
Acq: 29 Aug 2024 17:44

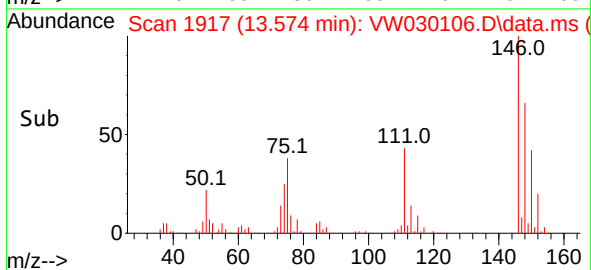
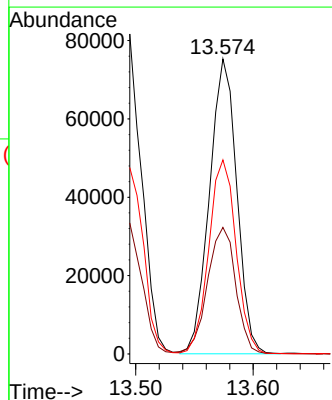
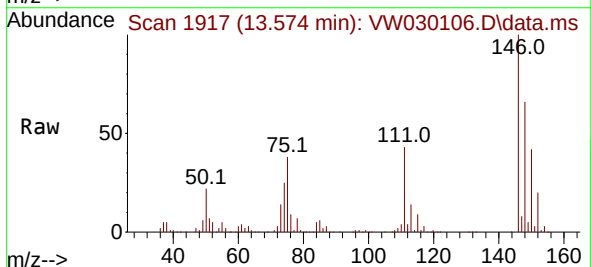
Instrument :
MSVOA_W
ClientSampleId :
A44A3MS

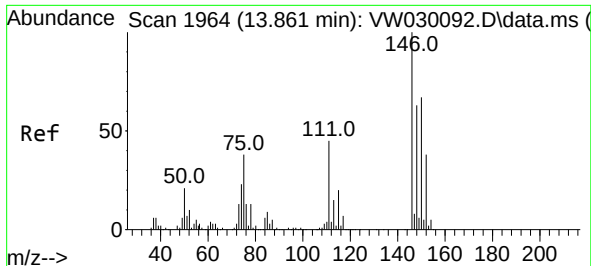
Tgt Ion:146 Resp: 121496
Ion Ratio Lower Upper
146 100
111 41.0 29.1 54.1
148 58.2 43.9 81.5



#65
1,4-Dichlorobenzene
Concen: 13.515 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030106.D
Acq: 29 Aug 2024 17:44

Tgt Ion:146 Resp: 121851
Ion Ratio Lower Upper
146 100
111 42.9 28.2 52.4
148 65.8 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 14.385 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW030106.D

Acq: 29 Aug 2024 17:44

Instrument :

MSVOA_W

ClientSampleId :

A44A3MS

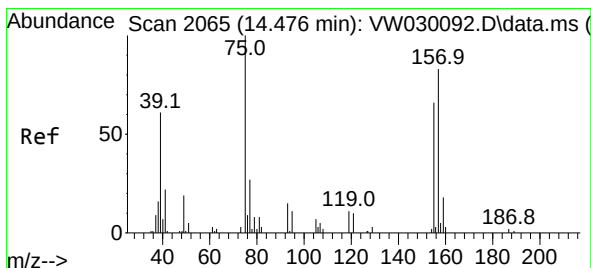
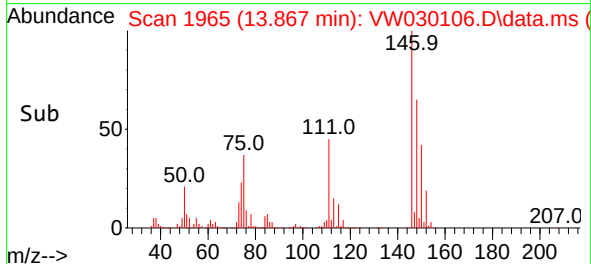
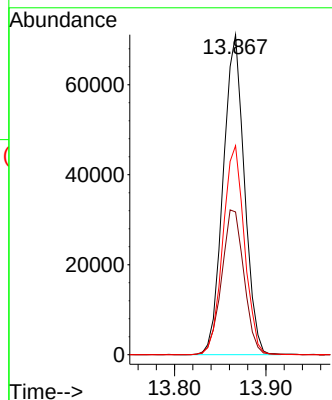
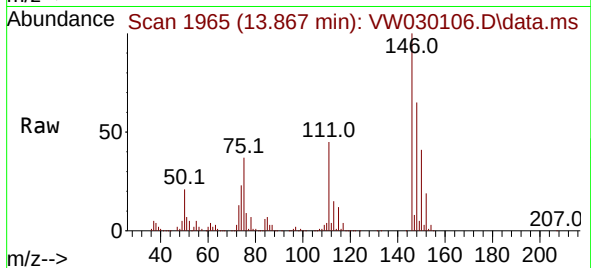
Tgt Ion:146 Resp: 114844

Ion Ratio Lower Upper

146 100

111 44.6 34.7 52.1

148 65.3 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 21.532 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW030106.D

Acq: 29 Aug 2024 17:44

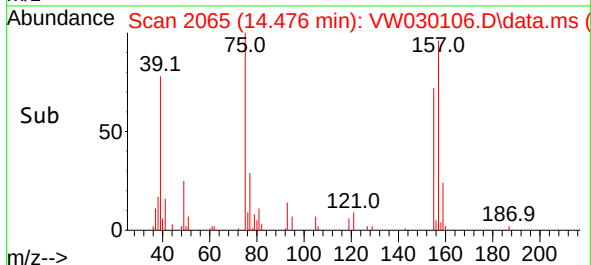
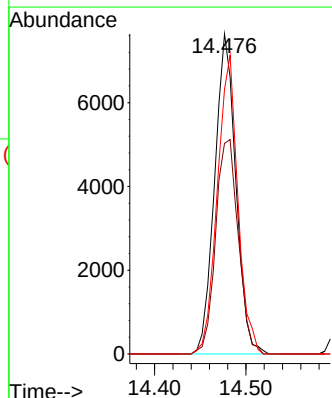
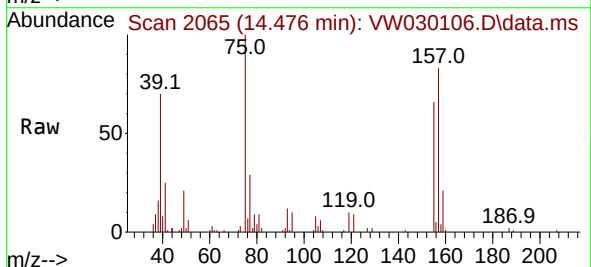
Tgt Ion: 75 Resp: 12298

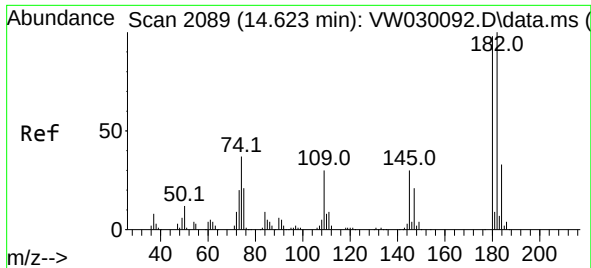
Ion Ratio Lower Upper

75 100

155 65.8 62.8 94.2

157 82.7 84.3 126.5#

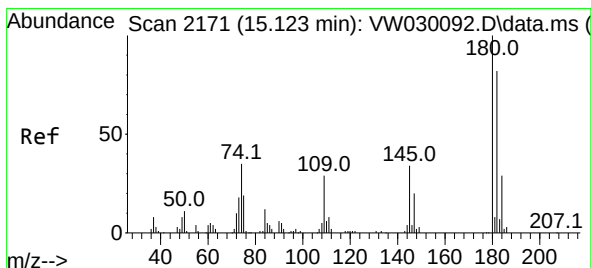
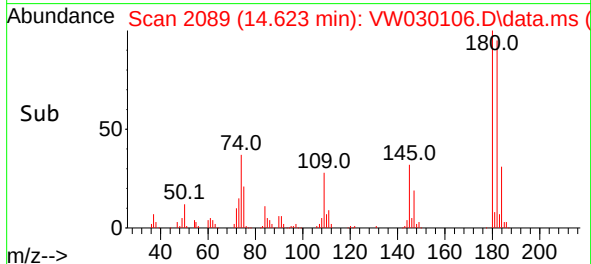
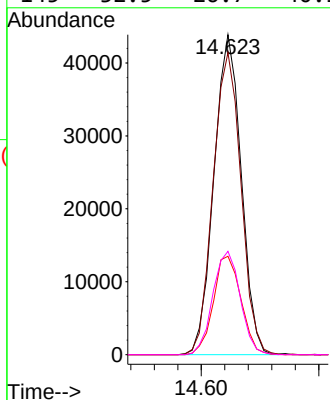
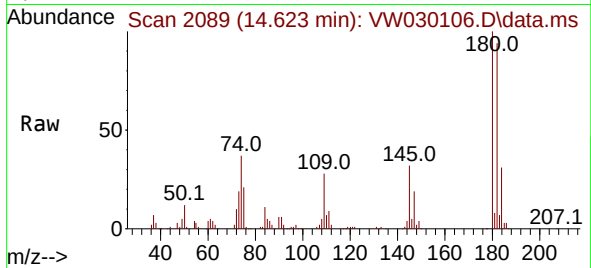




#69
 1,3,5-Trichlorobenzene
 Concen: 12.138 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW030106.D
 Acq: 29 Aug 2024 17:44

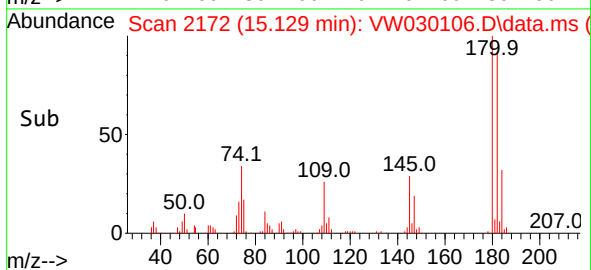
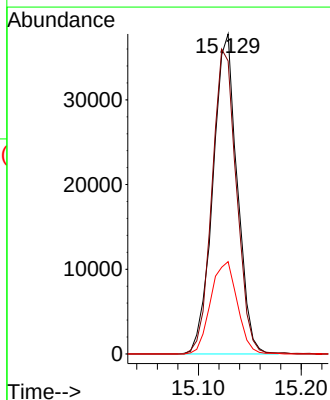
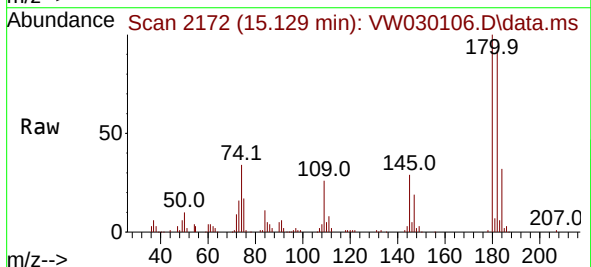
Instrument :
 MSVOA_W
 ClientSampleId :
 A44A3MS

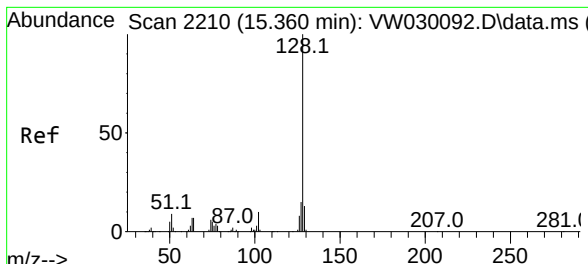
Tgt Ion:	180	Resp:	70725
Ion Ratio	Lower	Upper	
180	100		
182	96.3	79.7	119.5
184	31.2	25.1	37.7
145	32.5	26.7	40.1



#70
 1,2,4-trichlorobenzene
 Concen: 12.269 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.006 min
 Lab File: VW030106.D
 Acq: 29 Aug 2024 17:44

Tgt Ion:	180	Resp:	61875
Ion Ratio	Lower	Upper	
180	100		
182	95.9	75.3	112.9
145	31.5	24.7	37.1

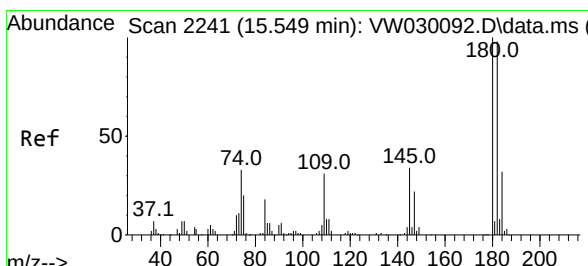
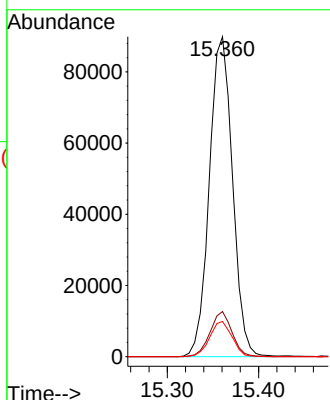
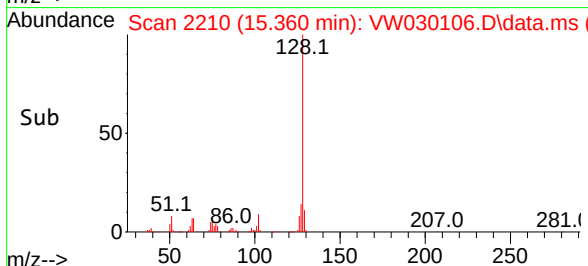
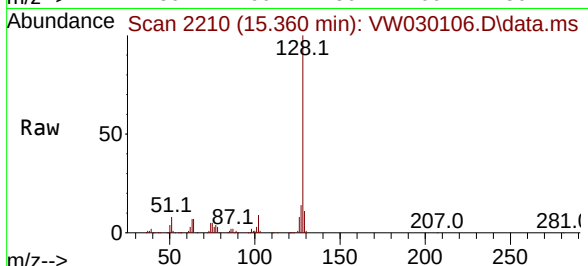




#71
Naphthalene
Concen: 16.453 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW030106.D
Acq: 29 Aug 2024 17:44

Instrument :
MSVOA_W
ClientSampleId :
A44A3MS

Tgt Ion:	128	Resp:	158441
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	15.8
129	10.7	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 13.515 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW030106.D
Acq: 29 Aug 2024 17:44

Tgt Ion:	180	Resp:	59827
Ion Ratio	Lower	Upper	
180	100		
182	102.3	77.2	115.8
145	35.7	26.5	39.7

