

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102924\
 Data File : VW030822.D
 Acq On : 29 Oct 2024 22:28
 Operator : SY/MD
 Sample : P4568-05MSD
 Misc : 4.39g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4EF5MSD

Quant Time: Oct 30 01:22:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 30 01:14:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	401225	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	350541	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	153433	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	48622	7.710	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	30.840%
7) Chloroethane-d5	2.899	69	61238	12.828	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.320%
11) 1,1-Dichloroethene-d2	4.021	65	19931	7.598	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	30.400%#
21) 2-Butanone-d5	7.081	46	61891	54.531	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.060%
24) Chloroform-d	7.648	84	218669	19.057	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.240%
26) 1,2-Dichloroethane-d4	8.307	65	114991	19.272	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.080%
32) Benzene-d6	8.276	84	281432	13.833	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	55.320%
36) 1,2-Dichloropropane-d6	9.270	67	120267	20.140	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.560%
41) Toluene-d8	10.325	98	227181	12.232	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	48.920%
43) trans-1,3-Dichloroprop...	10.575	79	44858	17.940	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.760%
47) 2-Hexanone-d5	10.922	63	51790	67.336	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.680%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	123979	28.270	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	104440	20.117	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	61984	12.092	ug/L	100
3) Chloromethane	2.223	50	82253	13.806	ug/L	99
5) Vinyl chloride	2.375	62	102571	13.999	ug/L	97
6) Bromomethane	2.789	94	75513	15.658	ug/L	95
8) Chloroethane	2.936	64	74940	16.732	ug/L	100
9) Trichlorofluoromethane	3.271	101	95567	14.577	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	84243	14.282	ug/L	96
12) 1,1-Dichloroethene	4.045	96	74575	13.854	ug/L	89
13) Acetone	4.125	43	46782	28.155	ug/L	94
14) Carbon disulfide	4.393	76	181421	10.321	ug/L	98
15) Methyl Acetate	4.673	43	35508	17.300	ug/L	98
16) Methylene chloride	4.923	84	97739	16.113	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	81579	14.044	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	154777	19.039	ug/L	99
19) 1,1-Dichloroethane	6.222	63	187280	17.348	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	104635	16.889	ug/L	94
22) 2-Butanone	7.173	43	52107	29.092	ug/L	99
23) Bromochloromethane	7.514	128	47440	17.503	ug/L	96
25) Chloroform	7.673	83	205491	17.812	ug/L	96

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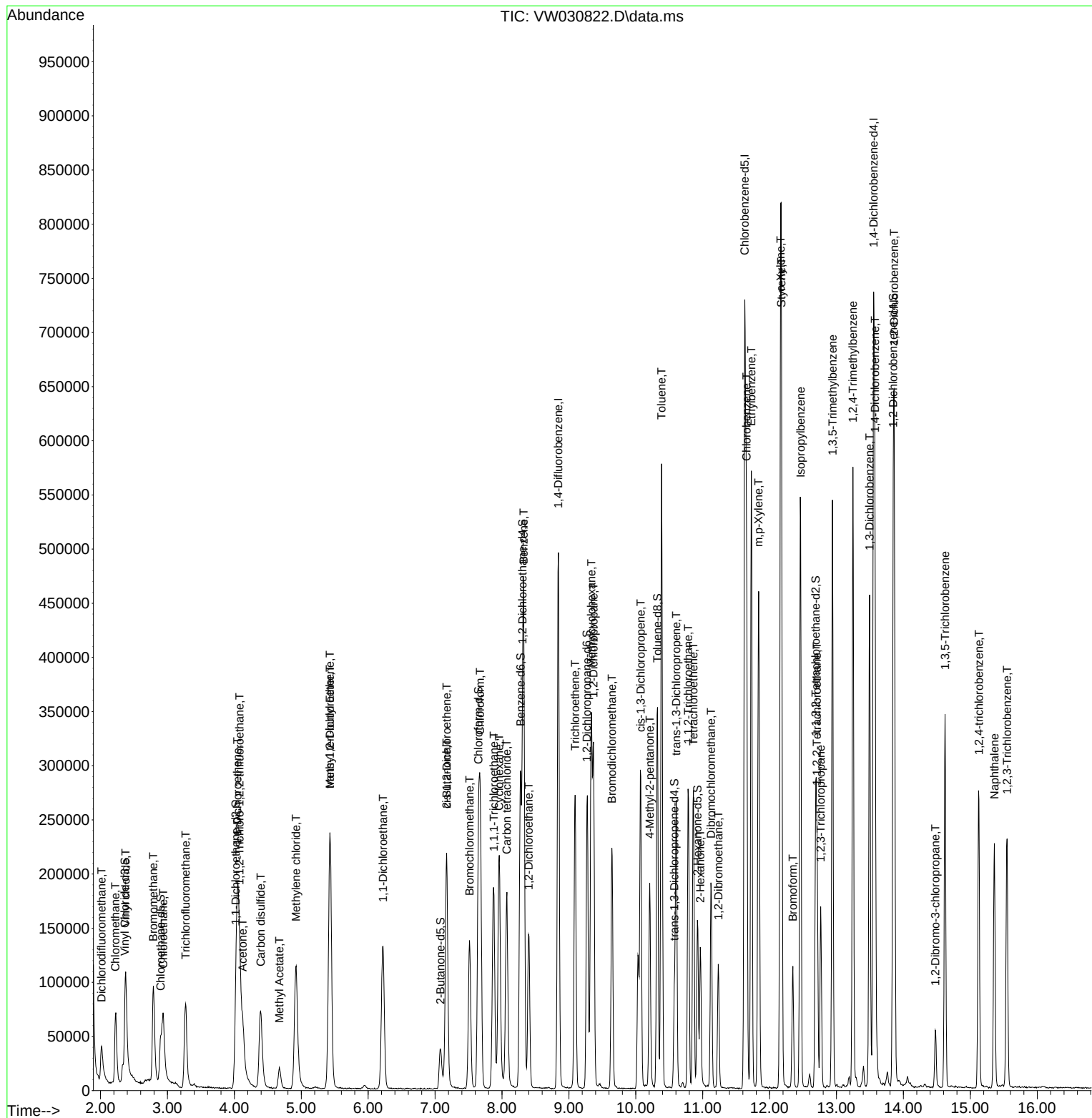
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	132351	17.389	ug/L	99
29) Cyclohexane	7.959	56	113525	13.304	ug/L	99
30) 1,1,1-Trichloroethane	7.880	97	150718	16.197	ug/L	99
31) Carbon tetrachloride	8.069	117	127727	15.368	ug/L	99
33) Benzene	8.325	78	390202	17.105	ug/L	100
34) Trichloroethene	9.093	95	92226	14.532	ug/L	97
35) Methylcyclohexane	9.337	83	128363	12.852	ug/L	99
37) 1,2-Dichloropropane	9.368	63	110010	19.309	ug/L	100
38) Bromodichloromethane	9.642	83	145008	19.130	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	162740	18.937	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	118687	43.363	ug/L	99
42) Toluene	10.386	91	407103	16.728	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	138130	19.128	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	84648	20.558	ug/L	97
46) Tetrachloroethene	10.861	164	58980	12.600	ug/L	97
48) 2-Hexanone	10.965	43	79199	35.384	ug/L	98
49) Dibromochloromethane	11.123	129	95814	20.854	ug/L	87
50) 1,2-Dibromoethane	11.233	107	72713	18.925	ug/L #	97
51) Chlorobenzene	11.654	112	252099	16.092	ug/L	99
52) Ethylbenzene	11.727	91	379571	13.669	ug/L	97
53) m,p-Xylene	11.837	106	139052	13.366	ug/L	98
54) o-Xylene	12.166	106	144187	14.991	ug/L	97
55) Styrene	12.178	104	234252	14.247	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	91164	19.633	ug/L	91
59) Bromoform	12.349	173	47531	22.049	ug/L	97
60) Isopropylbenzene	12.465	105	334060	14.059	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	63821	21.376	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	270961	14.455	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	284402	15.495	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	172729	16.701	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	170546	15.970	ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	167884	18.447	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	13466	20.228	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	96073	14.086	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	81343	14.815	ug/L	99
71) Naphthalene	15.360	128	182054	19.192	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	69951	14.696	ug/L	97

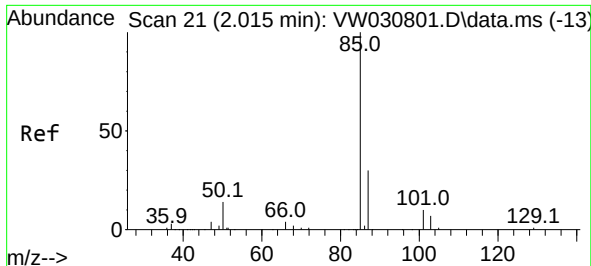
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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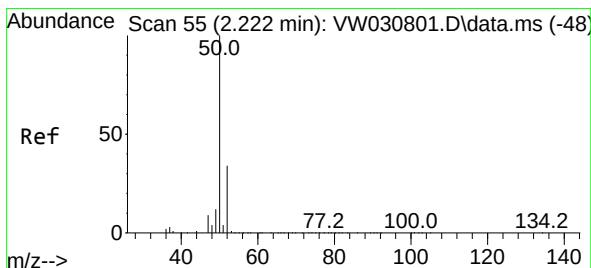
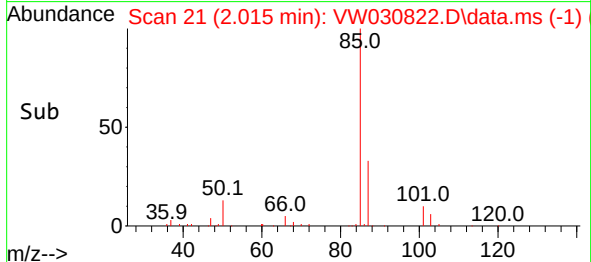
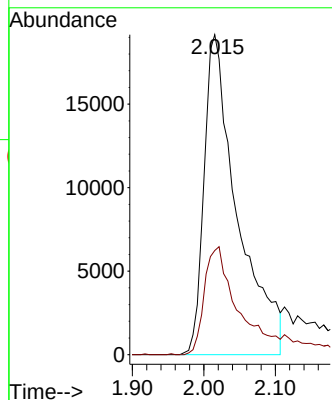
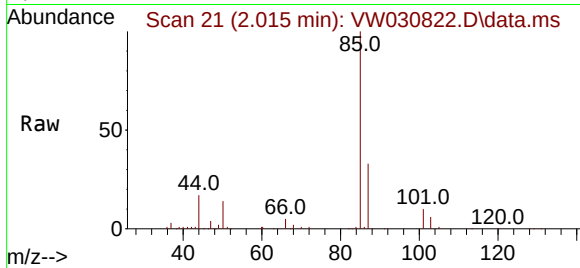




#2
 Dichlorodifluoromethane
 Concen: 12.092 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030822.D
 Acq: 29 Oct 2024 22:28

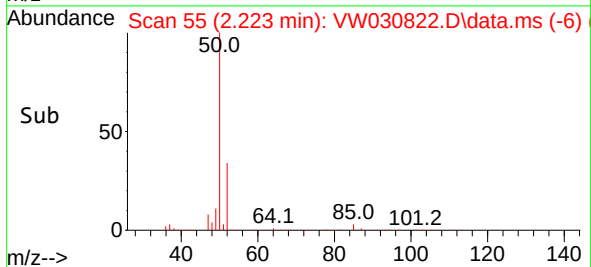
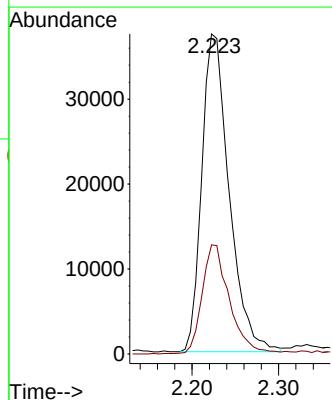
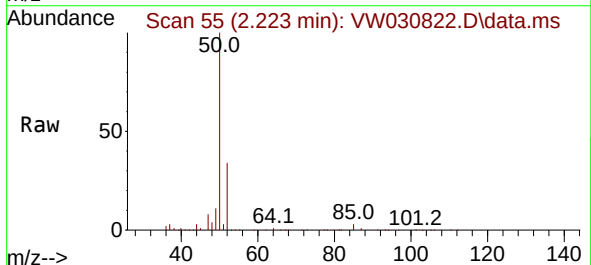
Instrument :
 MSVOA_W
 ClientSampleId :
 A4EF5MSD

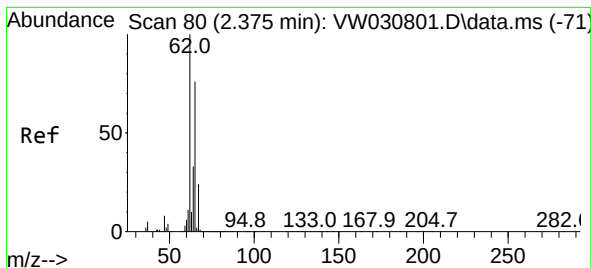
Tgt Ion: 85 Resp: 61984
 Ion Ratio Lower Upper
 85 100
 87 29.8 23.8 35.6



#3
 Chloromethane
 Concen: 13.806 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030822.D
 Acq: 29 Oct 2024 22:28

Tgt Ion: 50 Resp: 82253
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.7 43.9





#5

Vinyl chloride

Concen: 13.999 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW030822.D

Acq: 29 Oct 2024 22:28

Instrument :

MSVOA_W

ClientSampleId :

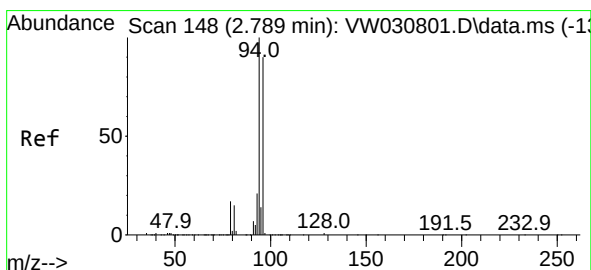
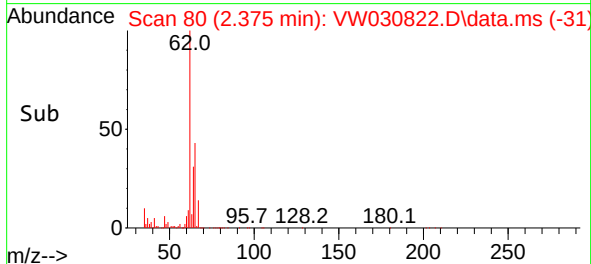
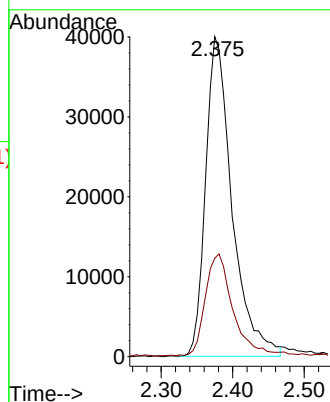
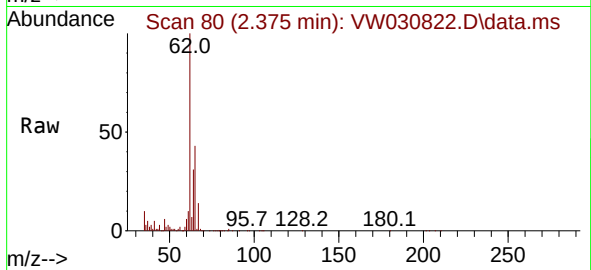
A4EF5MSD

Tgt Ion: 62 Resp: 102571

Ion Ratio Lower Upper

62 100

64 30.7 22.6 42.0



#6

Bromomethane

Concen: 15.658 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW030822.D

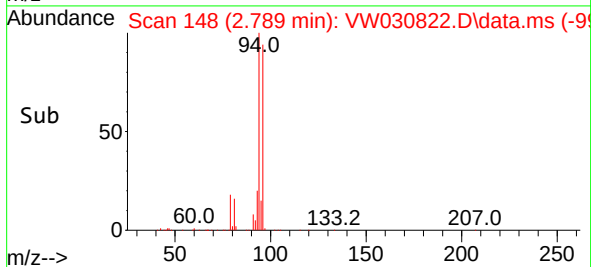
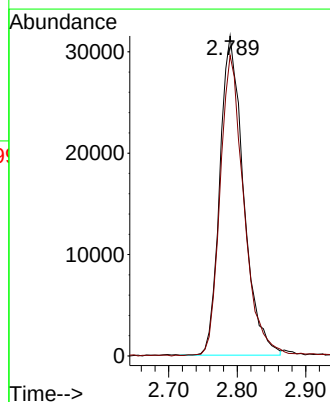
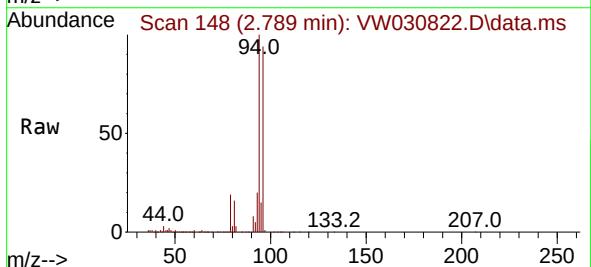
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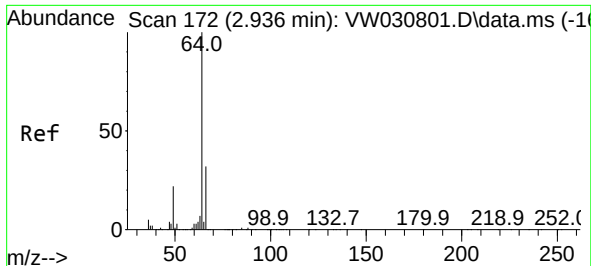
Tgt Ion: 94 Resp: 75513

Ion Ratio Lower Upper

94 100

96 93.9 62.6 116.2

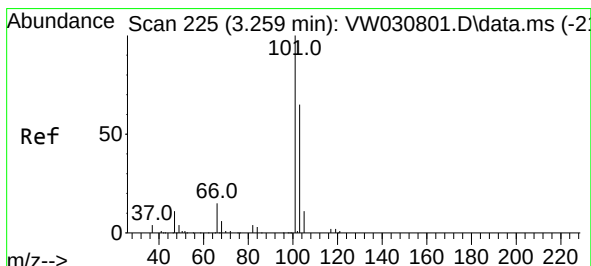
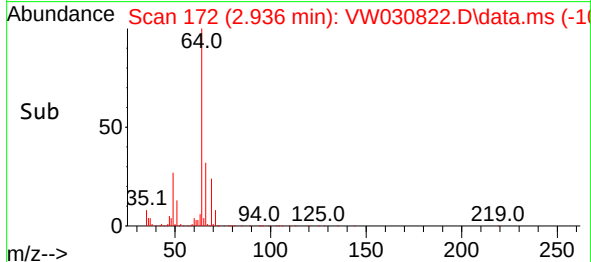
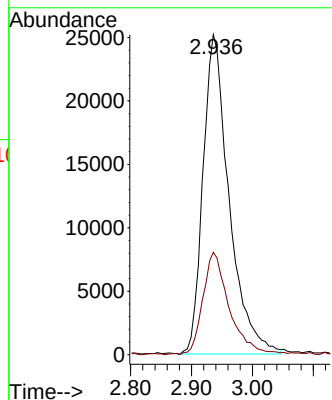
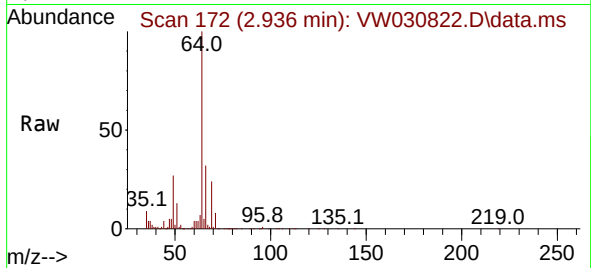




#8
Chloroethane
Concen: 16.732 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030822.D
Acq: 29 Oct 2024 22:28

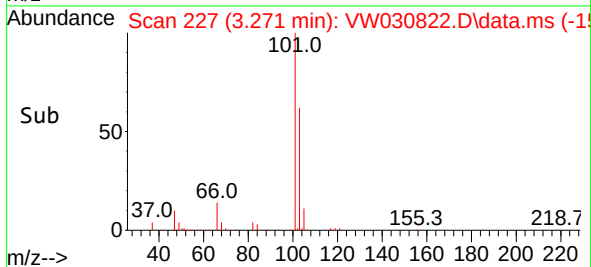
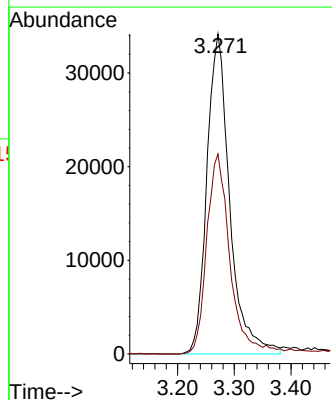
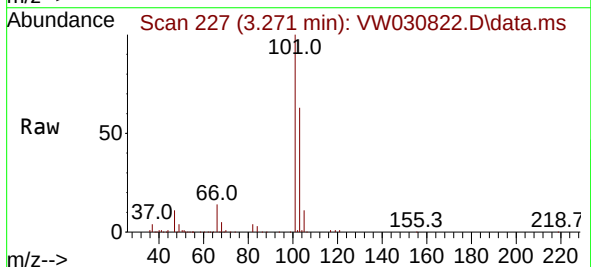
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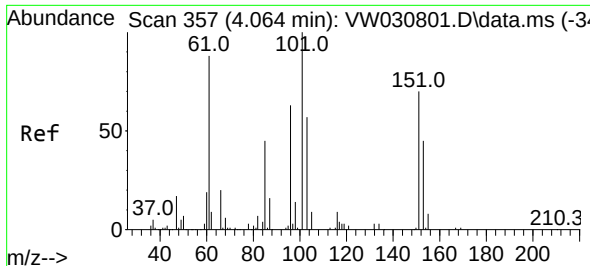
Tgt Ion: 64 Resp: 74940
Ion Ratio Lower Upper
64 100
66 32.0 22.3 41.5



#9
Trichlorofluoromethane
Concen: 14.577 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.012 min
Lab File: VW030822.D
Acq: 29 Oct 2024 22:28

Tgt Ion:101 Resp: 95567
Ion Ratio Lower Upper
101 100
103 62.1 51.1 76.7

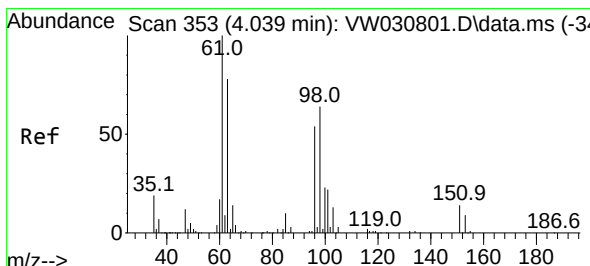
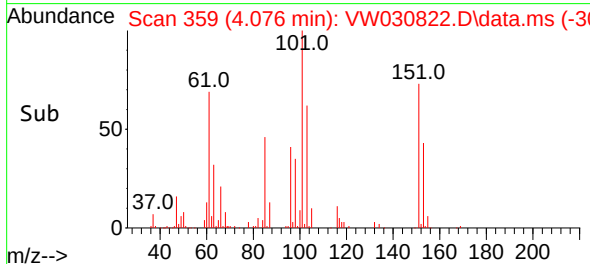
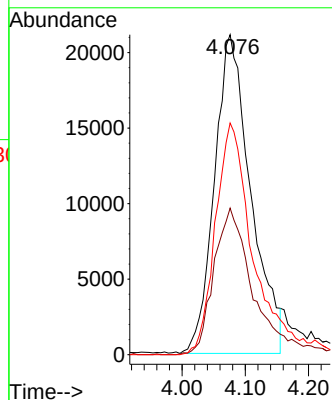
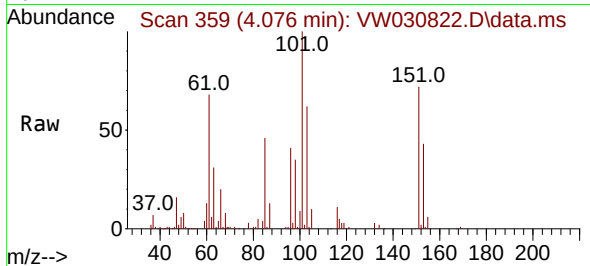




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 14.282 ug/L
 RT: 4.076 min Scan# 357
 Delta R.T. 0.012 min
 Lab File: VW030822.D
 Acq: 29 Oct 2024 22:28

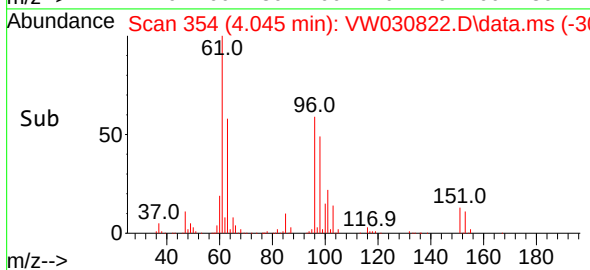
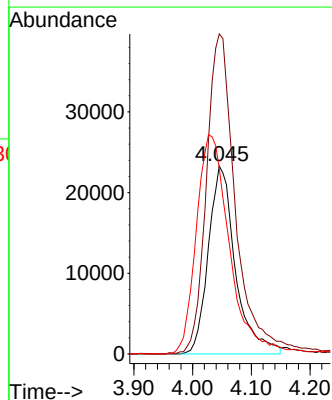
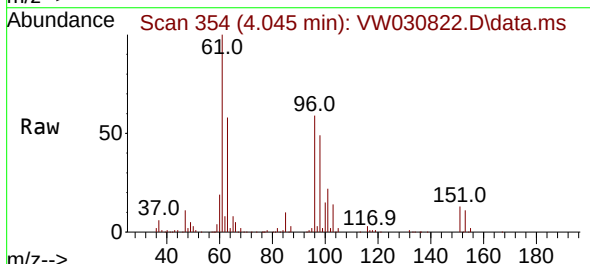
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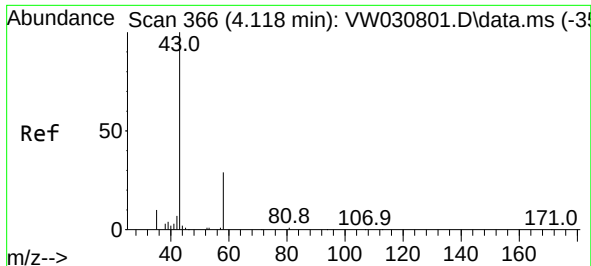
Tgt Ion:101 Resp: 84243
 Ion Ratio Lower Upper
 101 100
 85 47.4 35.7 53.5
 151 73.8 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 13.854 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW030822.D
 Acq: 29 Oct 2024 22:28

Tgt Ion: 96 Resp: 74575
 Ion Ratio Lower Upper
 96 100
 61 170.2 121.3 225.3
 63 98.9 87.6 162.8





#13

Acetone

Concen: 28.155 ug/L

RT: 4.125 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW030822.D

Acq: 29 Oct 2024 22:28

Instrument :

MSVOA_W

ClientSampleId :

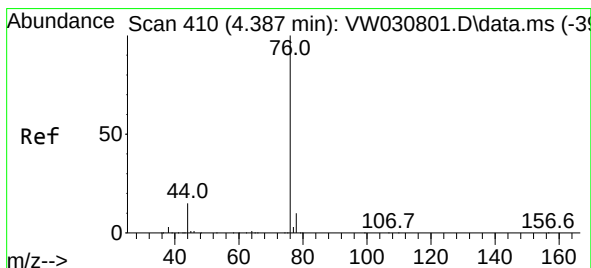
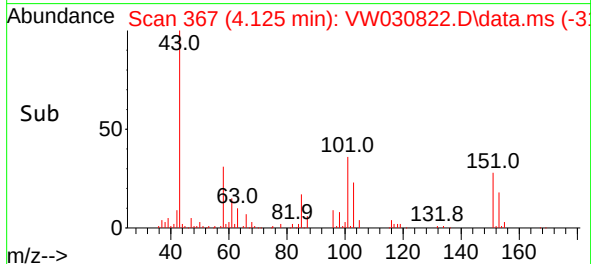
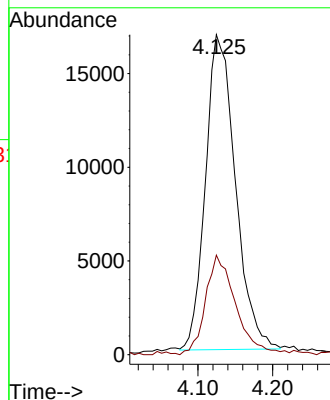
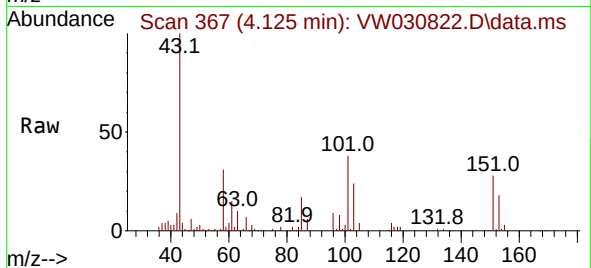
A4EF5MSD

Tgt Ion: 43 Resp: 46782

Ion Ratio Lower Upper

43 100

58 31.9 0.0 57.6



#14

Carbon disulfide

Concen: 10.321 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

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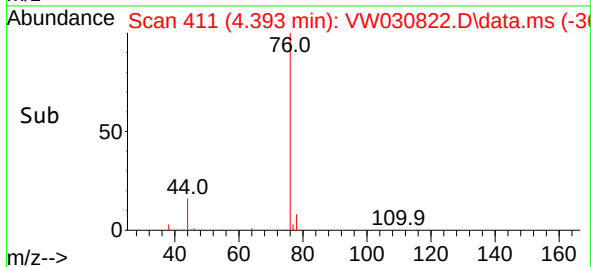
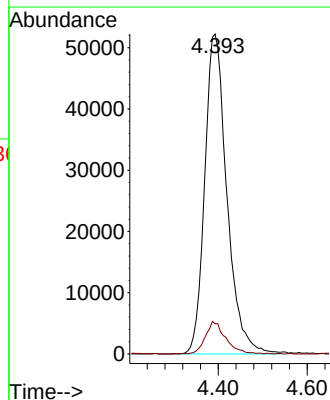
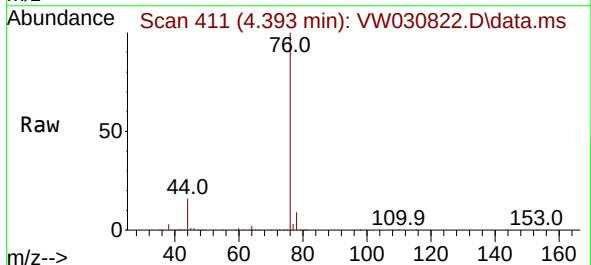
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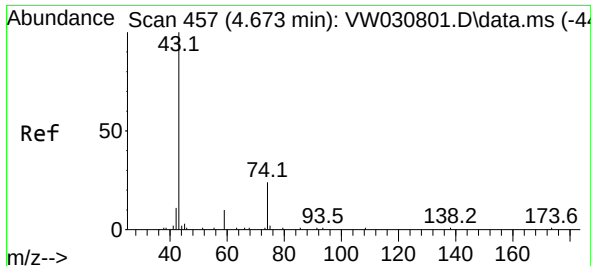
Tgt Ion: 76 Resp: 181421

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

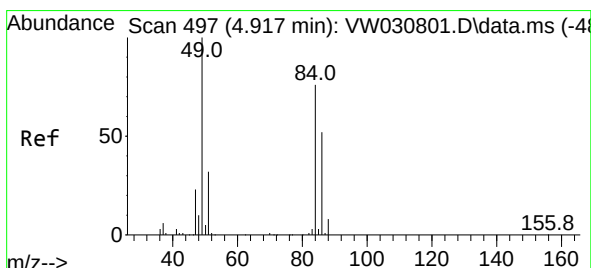
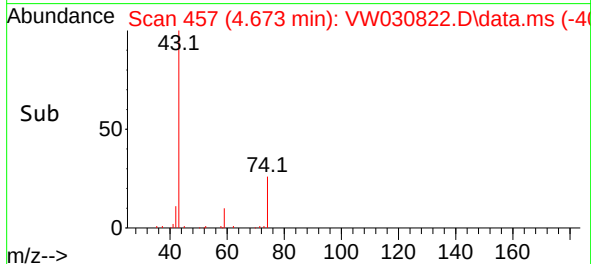
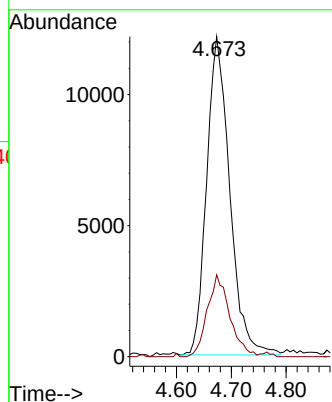
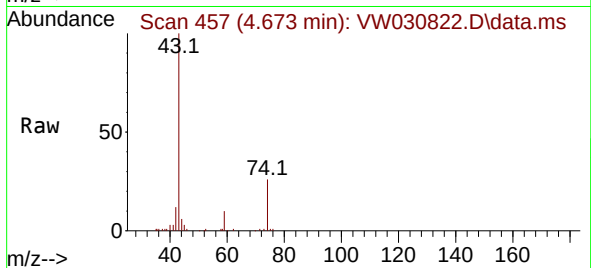




#15
Methyl Acetate
Concen: 17.300 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW030822.D
Acq: 29 Oct 2024 22:28

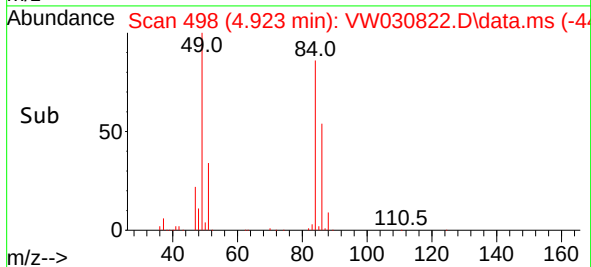
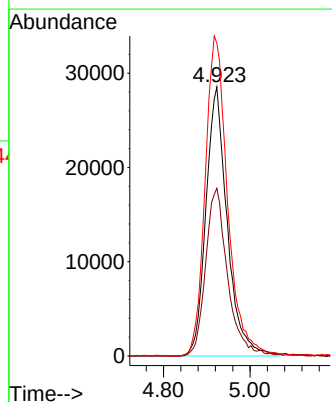
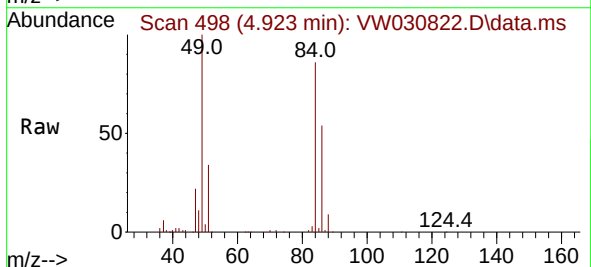
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MSD

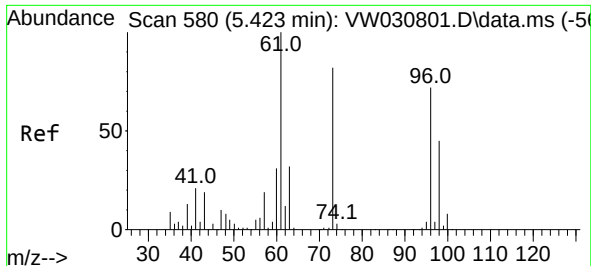
Tgt Ion: 43 Resp: 35508
Ion Ratio Lower Upper
43 100
74 25.0 19.3 28.9



#16
Methylene chloride
Concen: 16.113 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW030822.D
Acq: 29 Oct 2024 22:28

Tgt Ion: 84 Resp: 97739
Ion Ratio Lower Upper
84 100
86 62.3 43.8 81.3
49 116.2 88.3 164.1

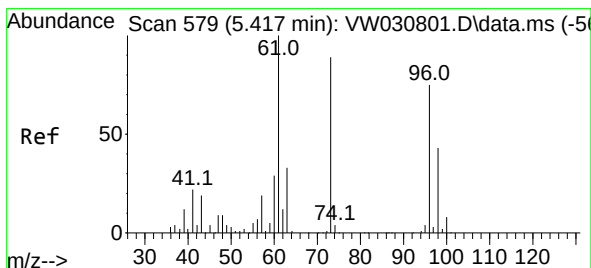
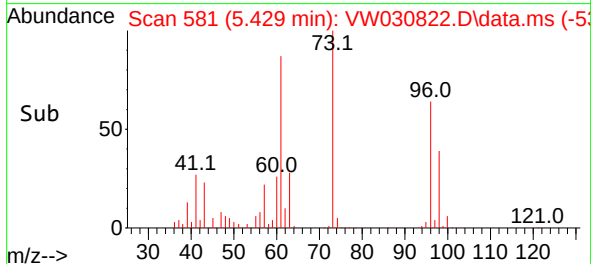
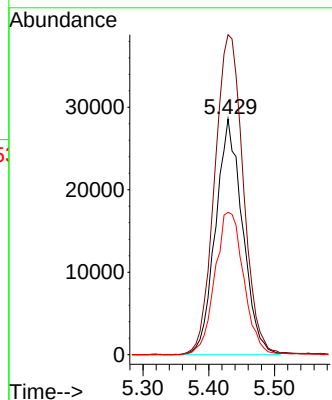
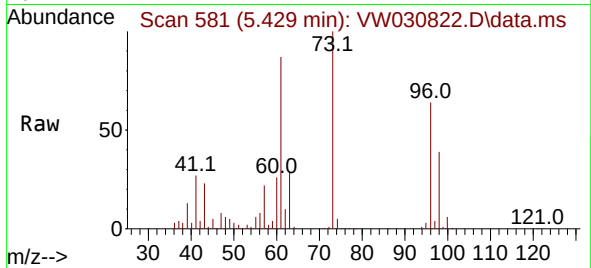




#17
trans-1,2-Dichloroethene
Concen: 14.044 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW030822.D
Acq: 29 Oct 2024 22:28

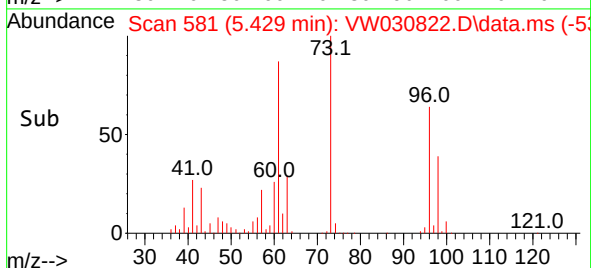
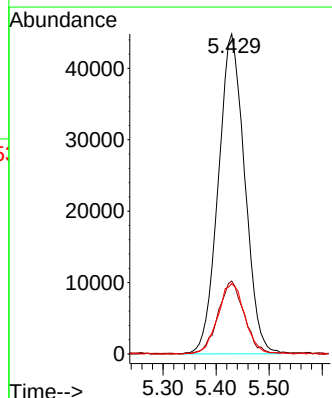
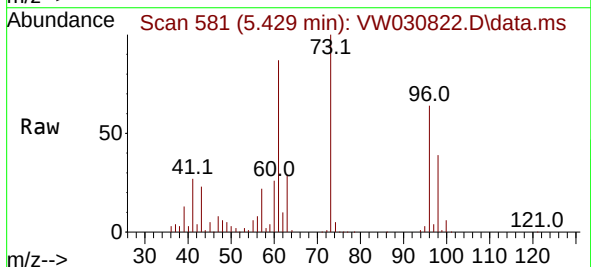
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MSD

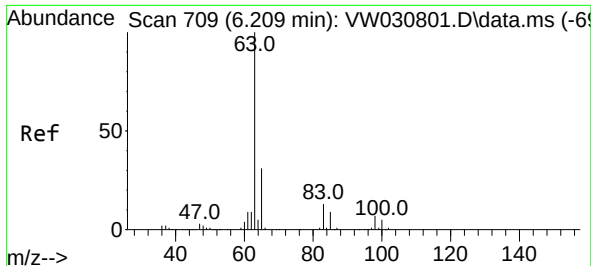
Tgt Ion: 96 Resp: 81579
Ion Ratio Lower Upper
96 100
61 135.7 96.9 179.9
98 60.4 42.2 78.4



#18
Methyl tert-butyl Ether
Concen: 19.039 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.012 min
Lab File: VW030822.D
Acq: 29 Oct 2024 22:28

Tgt Ion: 73 Resp: 154777
Ion Ratio Lower Upper
73 100
43 22.3 18.1 27.1
57 22.5 17.7 26.5

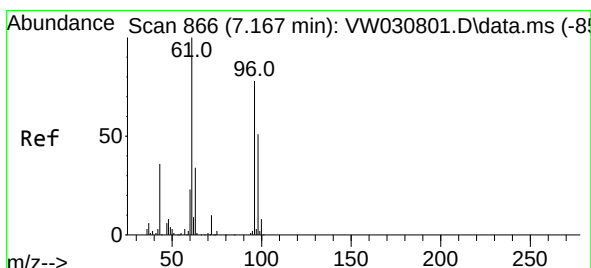
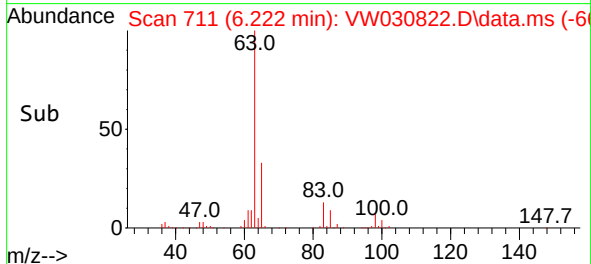
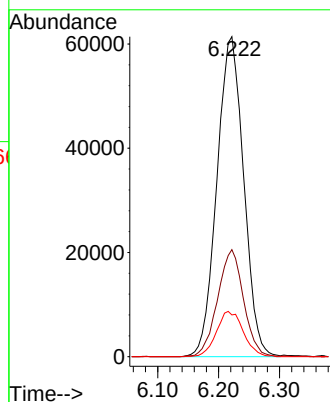
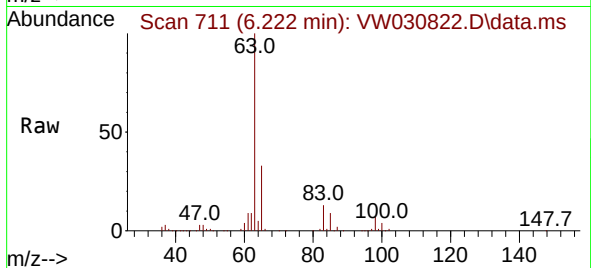




#19
1,1-Dichloroethane
Concen: 17.348 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.012 min
Lab File: VW030822.D
Acq: 29 Oct 2024 22:28

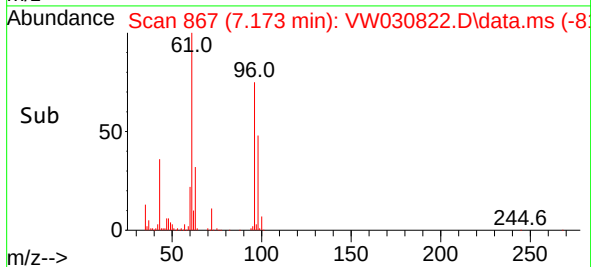
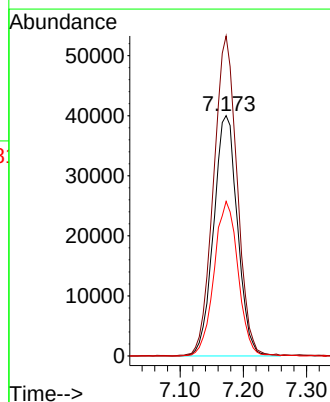
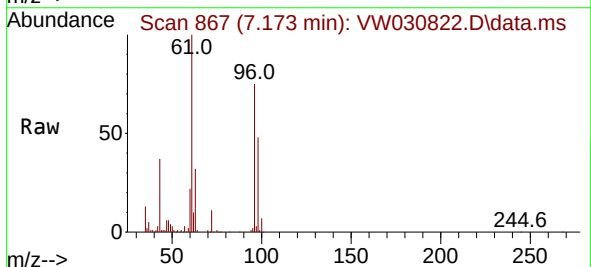
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MSD

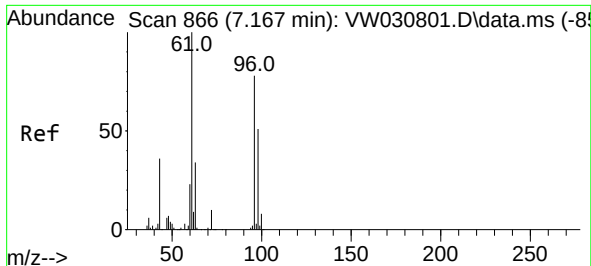
Tgt Ion: 63 Resp: 187280
Ion Ratio Lower Upper
63 100
65 33.4 22.5 41.9
83 13.1 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 16.889 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW030822.D
Acq: 29 Oct 2024 22:28

Tgt Ion: 96 Resp: 104635
Ion Ratio Lower Upper
96 100
61 133.1 88.3 163.9
98 64.3 41.3 76.7

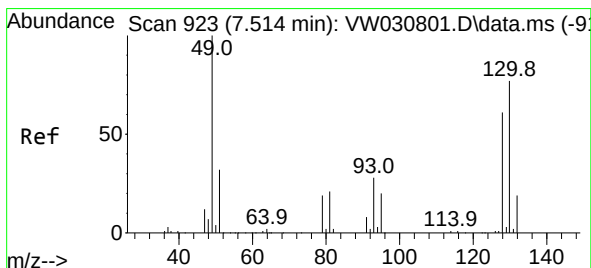
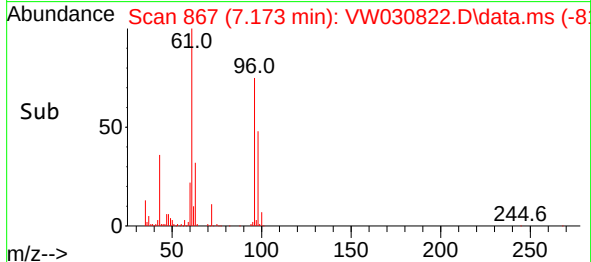
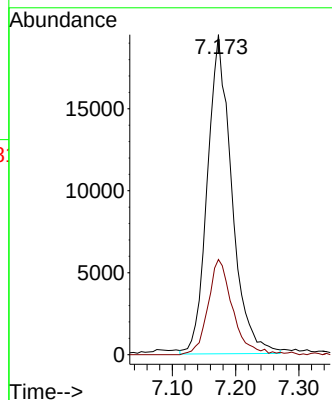
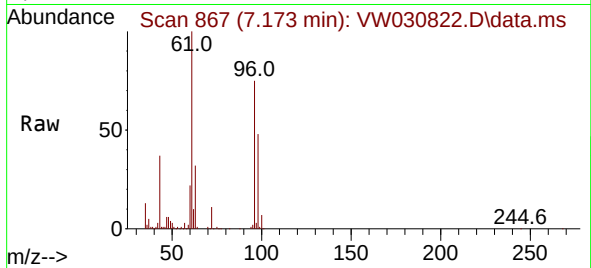




#22
2-Butanone
Concen: 29.092 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW030822.D
Acq: 29 Oct 2024 22:28

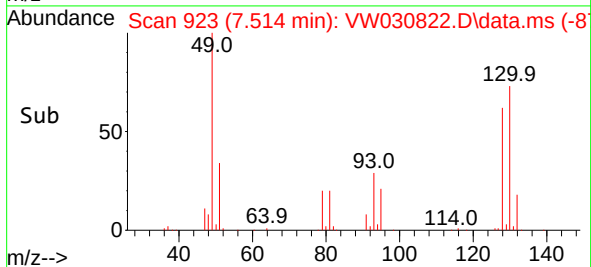
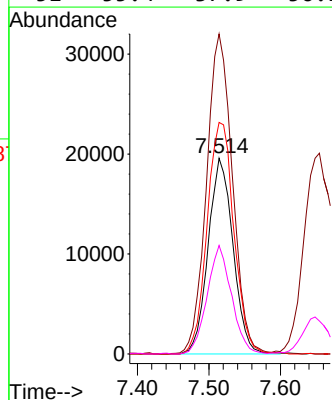
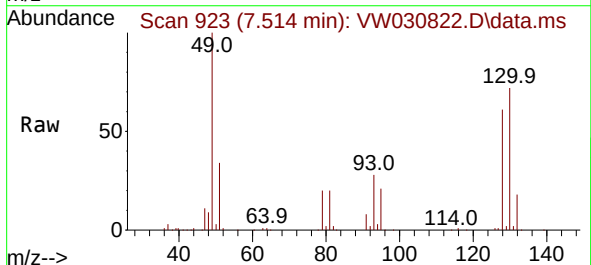
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MSD

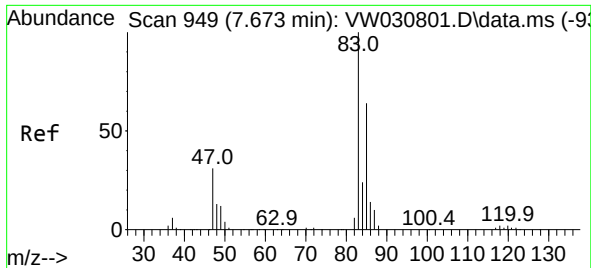
Tgt Ion: 43 Resp: 52107
Ion Ratio Lower Upper
43 100
72 29.4 14.4 43.0



#23
Bromochloromethane
Concen: 17.503 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW030822.D
Acq: 29 Oct 2024 22:28

Tgt Ion: 128 Resp: 47440
Ion Ratio Lower Upper
128 100
49 163.5 110.1 204.5
130 118.3 82.9 153.9
51 55.4 37.9 56.9

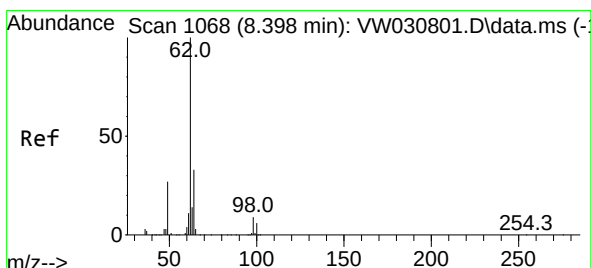
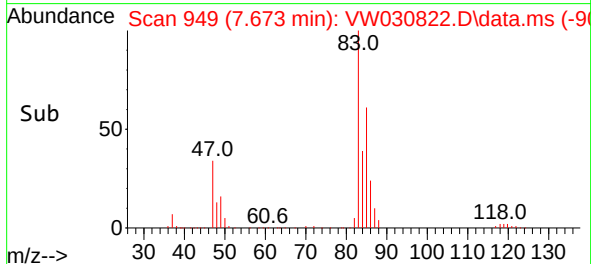
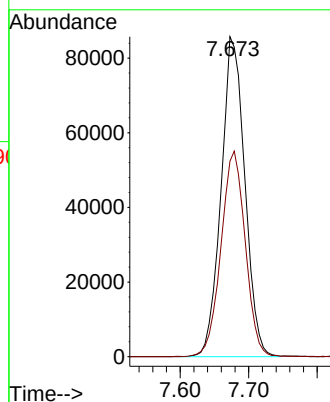
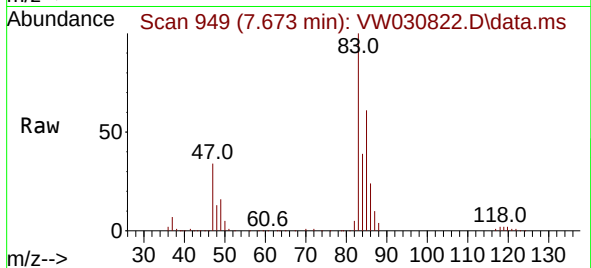




#25
Chloroform
Concen: 17.812 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW030822.D
Acq: 29 Oct 2024 22:28

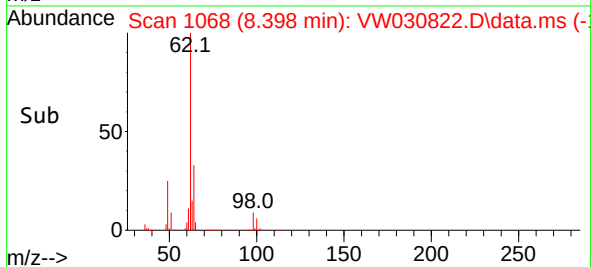
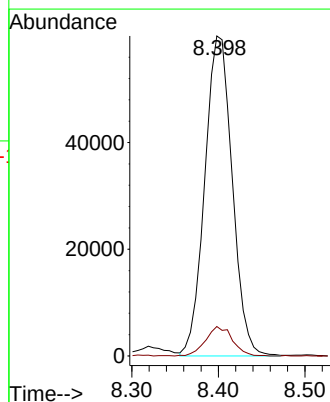
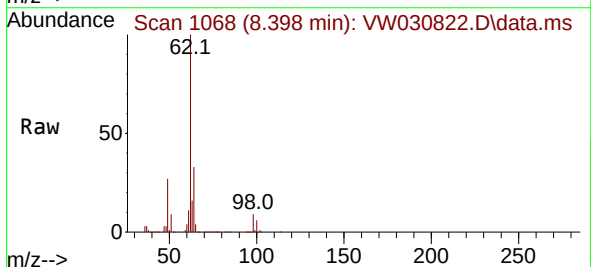
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MSD

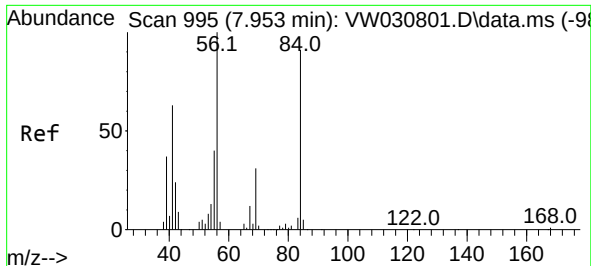
Tgt Ion: 83 Resp: 205491
Ion Ratio Lower Upper
83 100
85 61.1 45.1 83.7



#27
1,2-Dichloroethane
Concen: 17.389 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW030822.D
Acq: 29 Oct 2024 22:28

Tgt Ion: 62 Resp: 132351
Ion Ratio Lower Upper
62 100
98 9.2 7.0 10.6

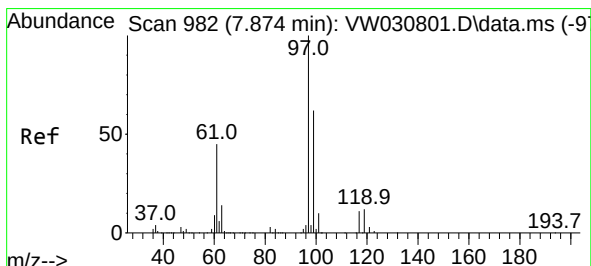
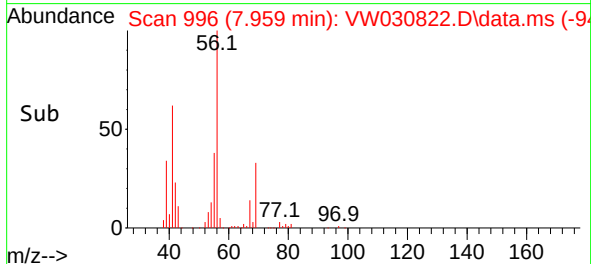
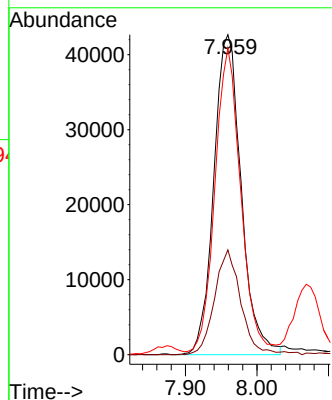
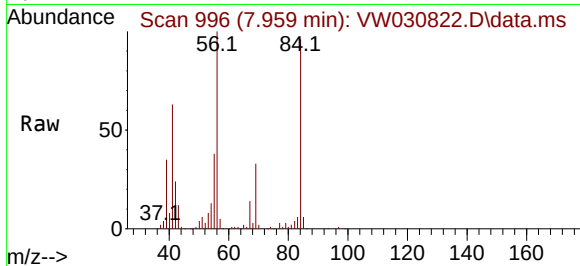




#29
Cyclohexane
Concen: 13.304 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW030822.D
Acq: 29 Oct 2024 22:28

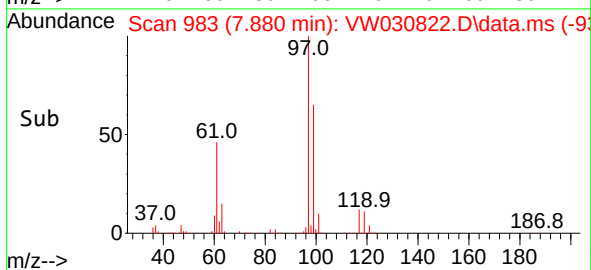
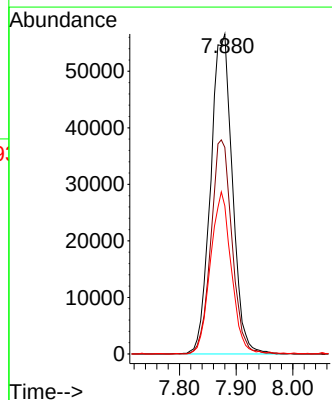
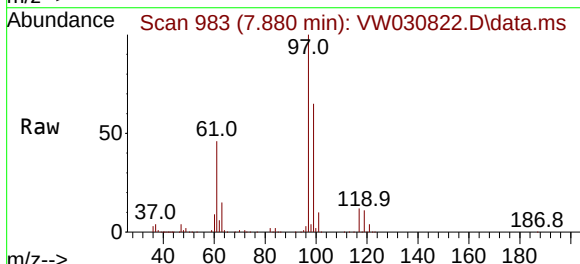
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MSD

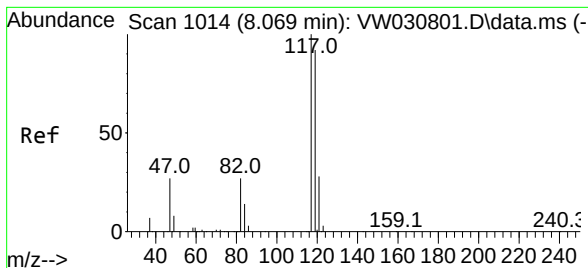
Tgt Ion: 56 Resp: 113525
Ion Ratio Lower Upper
56 100
69 31.0 25.4 38.0
84 90.8 72.3 108.5



#30
1,1,1-Trichloroethane
Concen: 16.197 ug/L
RT: 7.880 min Scan# 983
Delta R.T. 0.006 min
Lab File: VW030822.D
Acq: 29 Oct 2024 22:28

Tgt Ion: 97 Resp: 150718
Ion Ratio Lower Upper
97 100
99 64.8 52.3 78.5
61 48.6 38.5 57.7

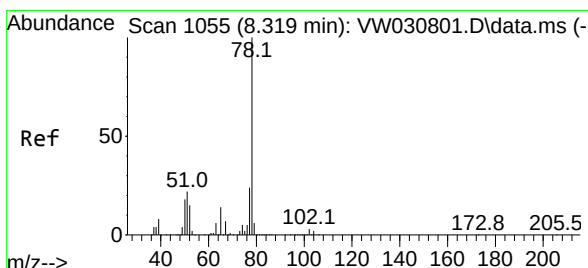
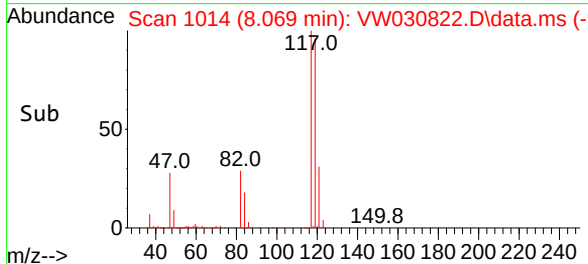
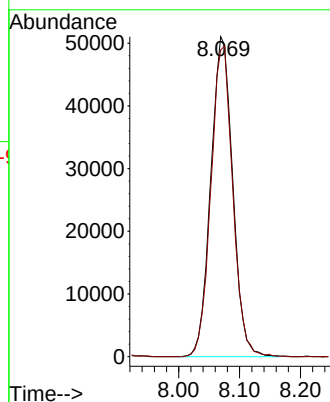
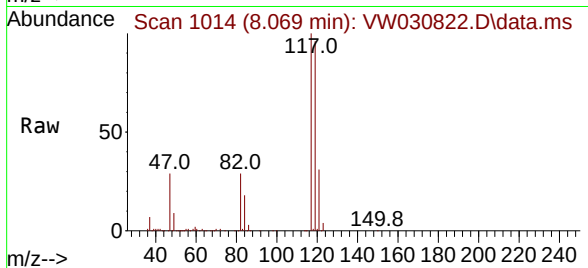




#31
Carbon tetrachloride
Concen: 15.368 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW030822.D
Acq: 29 Oct 2024 22:28

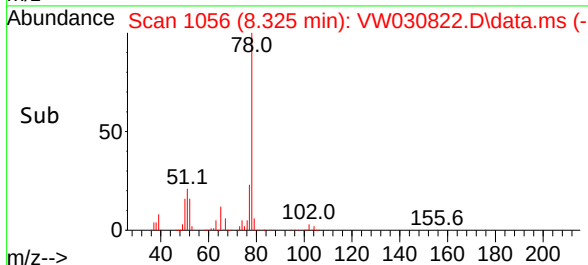
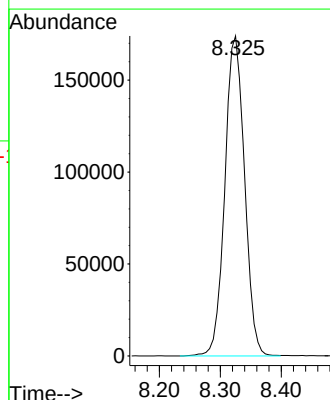
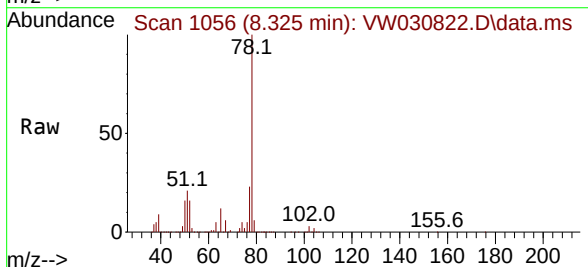
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MSD

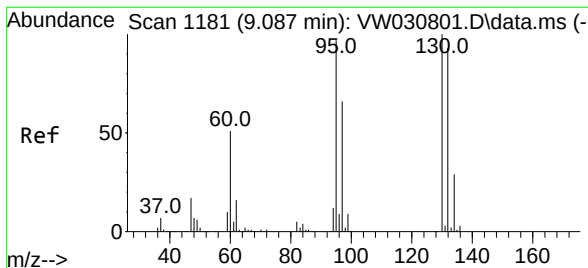
Tgt Ion:117 Resp: 127727
Ion Ratio Lower Upper
117 100
119 96.2 77.8 116.8



#33
Benzene
Concen: 17.105 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW030822.D
Acq: 29 Oct 2024 22:28

Tgt Ion: 78 Resp: 390202





#34

Trichloroethene

Concen: 14.532 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW030822.D

Acq: 29 Oct 2024 22:28

Instrument :

MSVOA_W

ClientSampleId :

A4EF5MSD

Tgt Ion: 95 Resp: 92226

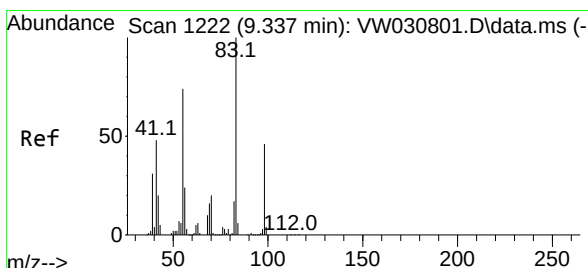
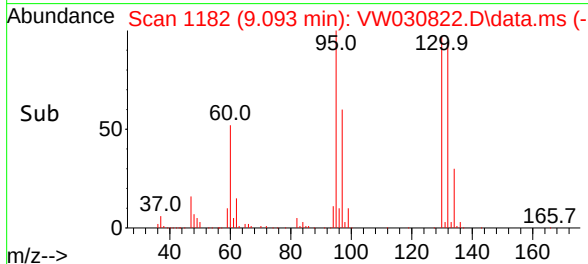
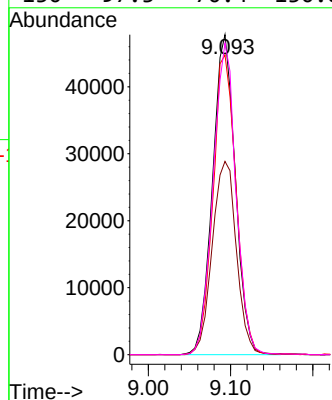
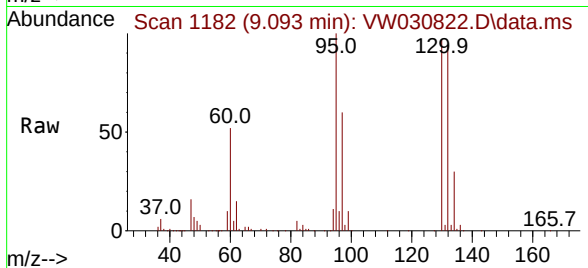
Ion Ratio Lower Upper

95 100

97 60.4 45.9 85.3

132 93.6 66.4 123.2

130 97.3 70.4 130.8



#35

Methylcyclohexane

Concen: 12.852 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW030822.D

Acq: 29 Oct 2024 22:28

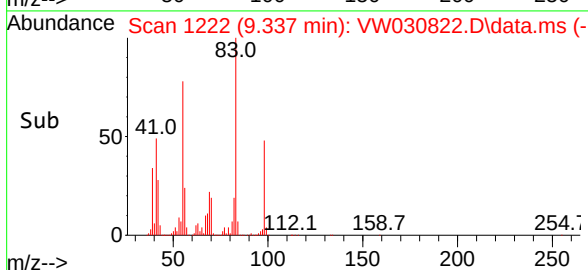
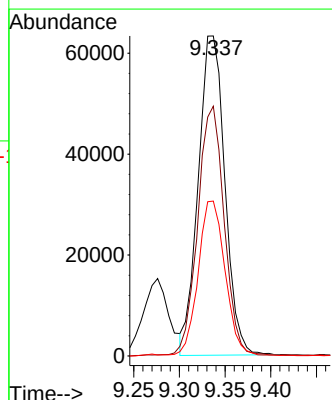
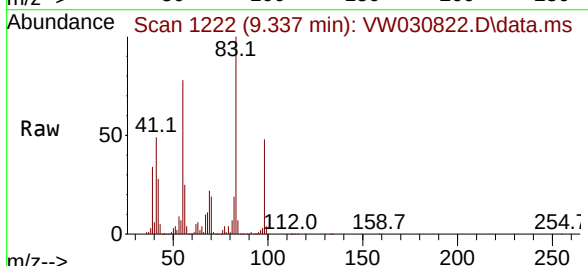
Tgt Ion: 83 Resp: 128363

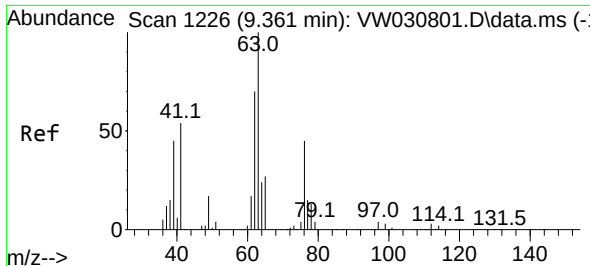
Ion Ratio Lower Upper

83 100

55 78.0 61.8 92.8

98 49.3 39.3 58.9





#37

1,2-Dichloropropane

Concen: 19.309 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW030822.D

Acq: 29 Oct 2024 22:28

Instrument :

MSVOA_W

ClientSampleId :

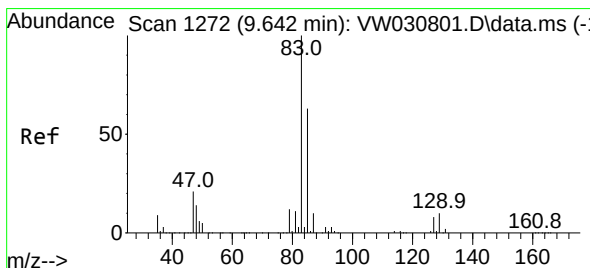
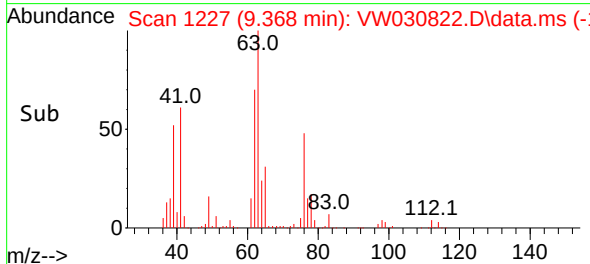
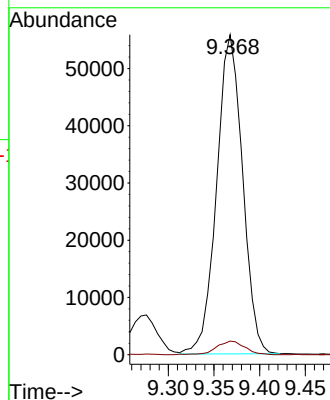
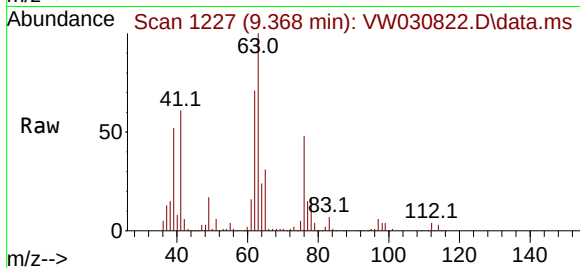
A4EF5MSD

Tgt Ion: 63 Resp: 110010

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 19.130 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030822.D

Acq: 29 Oct 2024 22:28

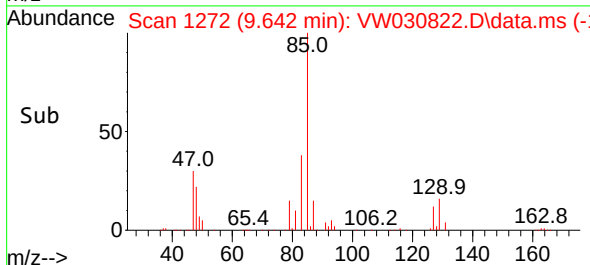
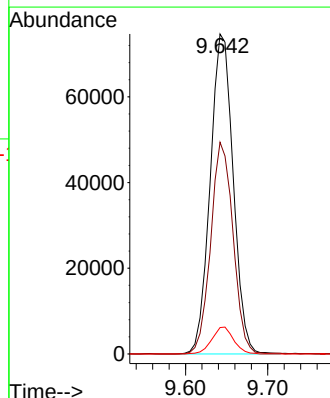
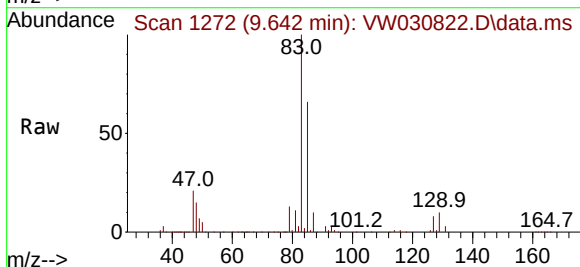
Tgt Ion: 83 Resp: 145008

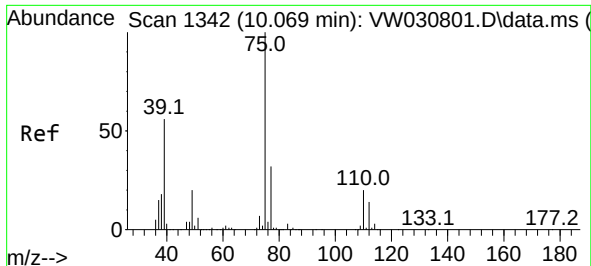
Ion Ratio Lower Upper

83 100

85 66.1 44.2 82.0

127 8.2 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 18.937 ug/L

RT: 10.075 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030822.D

Acq: 29 Oct 2024 22:28

Instrument :

MSVOA_W

ClientSampleId :

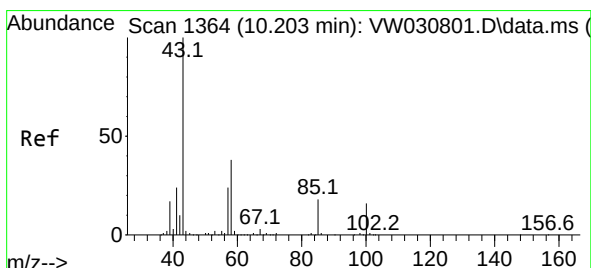
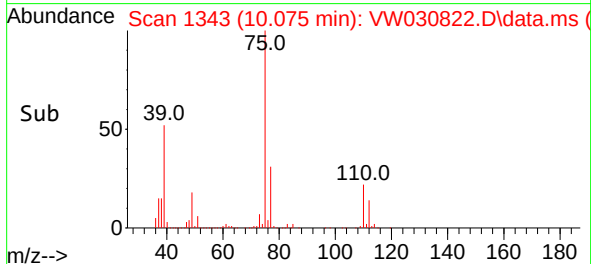
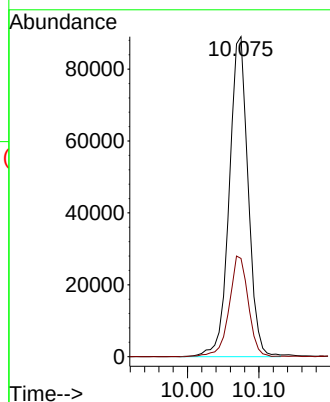
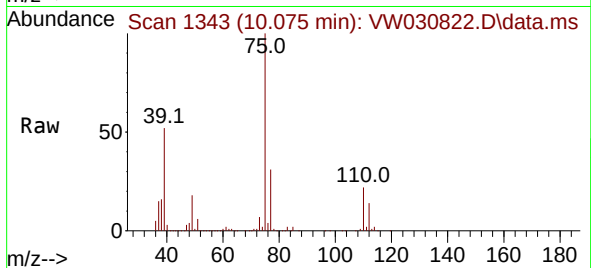
A4EF5MSD

Tgt Ion: 75 Resp: 162740

Ion Ratio Lower Upper

75 100

77 30.7 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 43.363 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.006 min

Lab File: VW030822.D

Acq: 29 Oct 2024 22:28

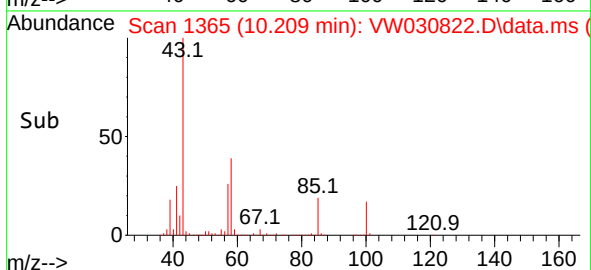
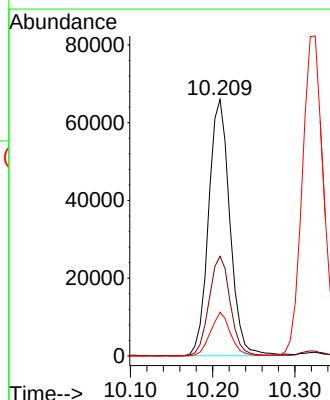
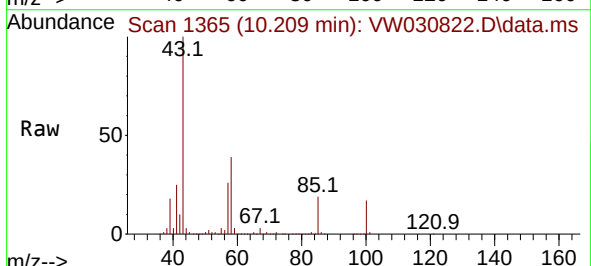
Tgt Ion: 43 Resp: 118687

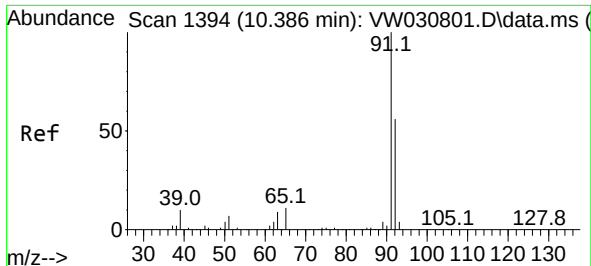
Ion Ratio Lower Upper

43 100

58 38.8 31.4 47.2

100 16.0 13.1 19.7

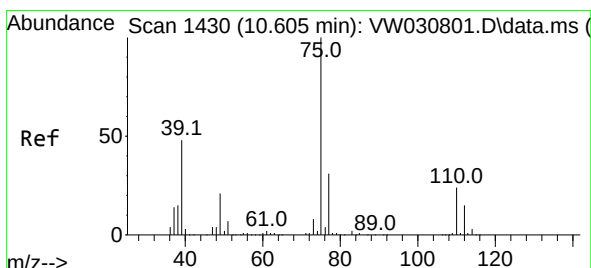
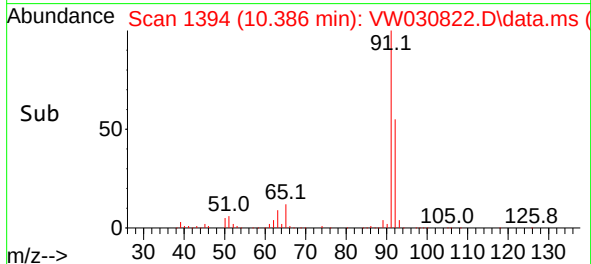
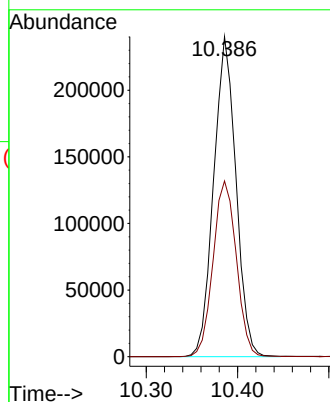
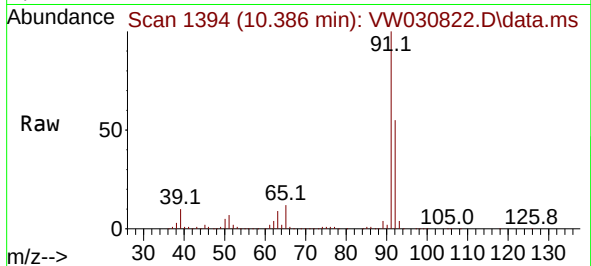




#42
Toluene
Concen: 16.728 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW030822.D
Acq: 29 Oct 2024 22:28

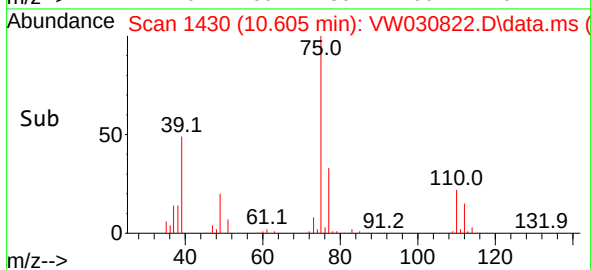
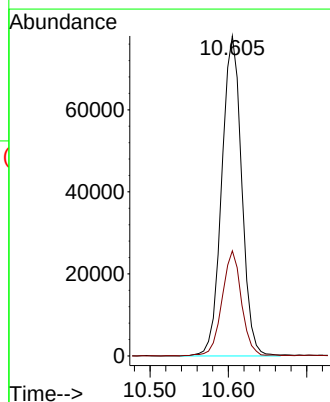
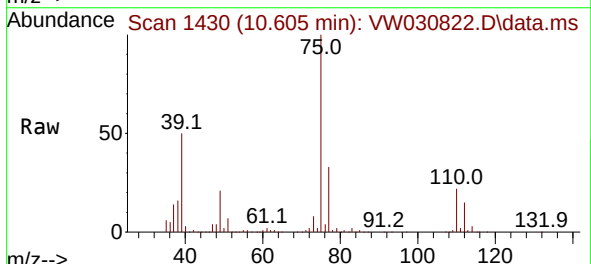
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MSD

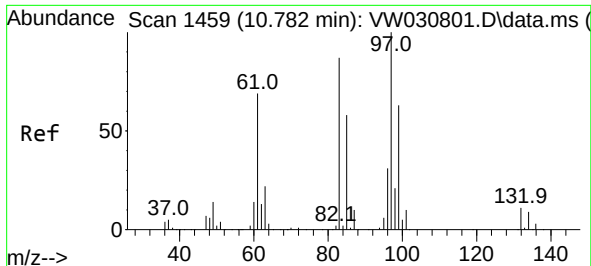
Tgt Ion: 91 Resp: 407103
Ion Ratio Lower Upper
91 100
92 54.9 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 19.128 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW030822.D
Acq: 29 Oct 2024 22:28

Tgt Ion: 75 Resp: 138130
Ion Ratio Lower Upper
75 100
77 32.9 21.6 40.2

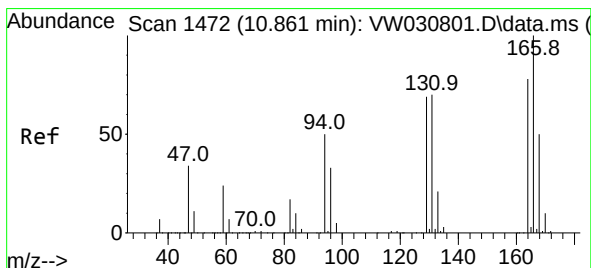
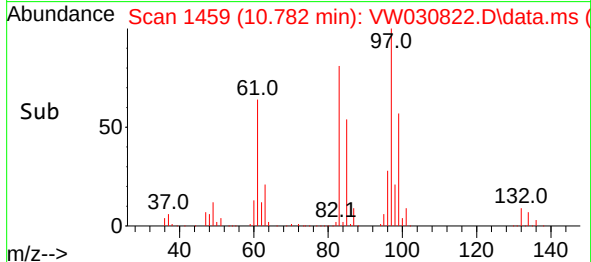
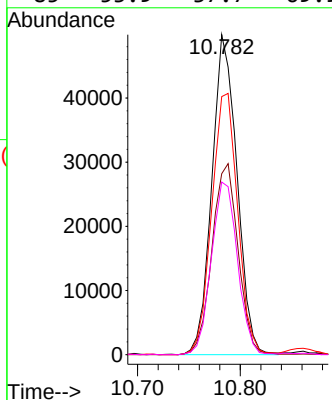
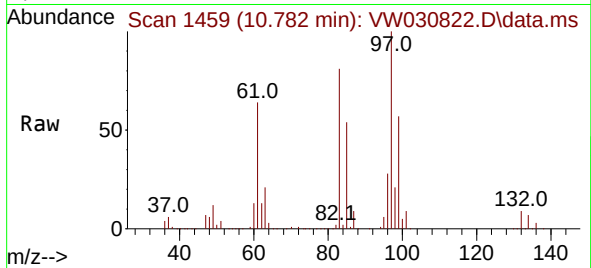




#45
1,1,2-Trichloroethane
Concen: 20.558 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW030822.D
Acq: 29 Oct 2024 22:28

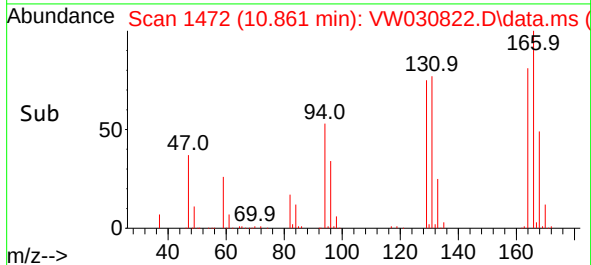
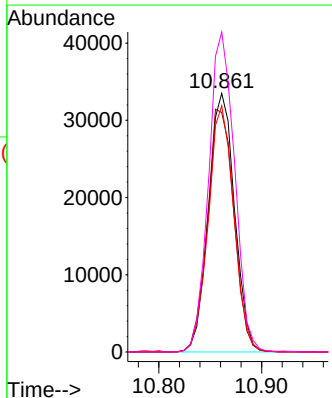
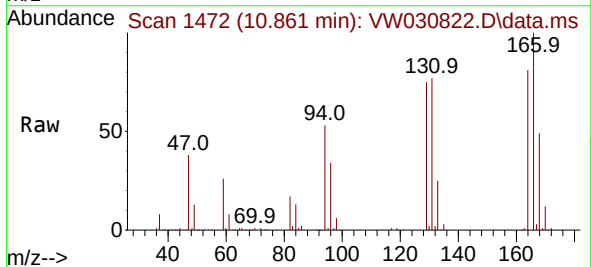
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MSD

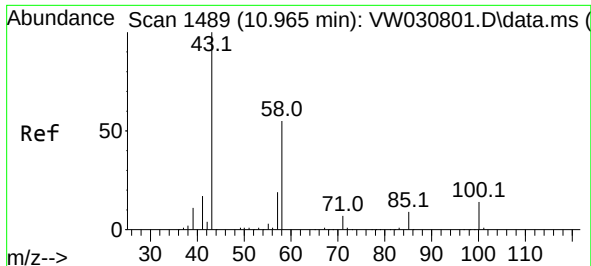
Tgt Ion:	97	Resp:	84648
Ion	Ratio	Lower	Upper
97	100		
99	56.5	41.2	76.6
83	80.7	59.6	110.6
85	53.9	37.7	69.9



#46
Tetrachloroethene
Concen: 12.600 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW030822.D
Acq: 29 Oct 2024 22:28

Tgt Ion:	164	Resp:	58980
Ion	Ratio	Lower	Upper
164	100		
129	92.6	66.6	123.6
131	95.2	63.7	118.3
166	123.7	88.7	164.7

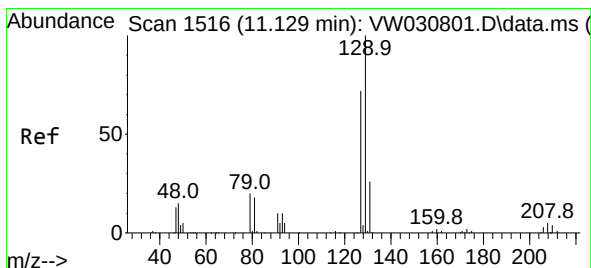
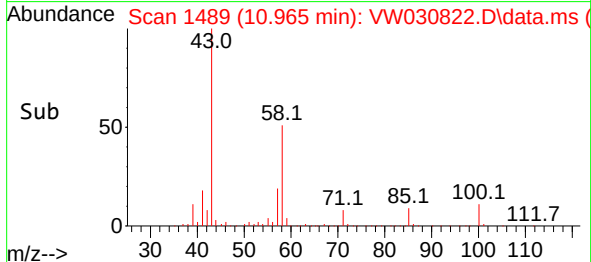
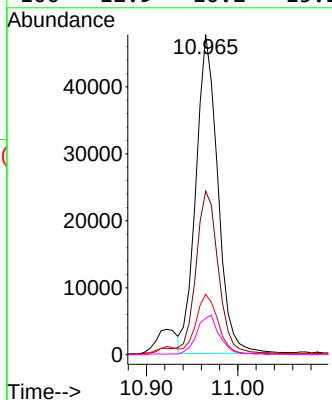
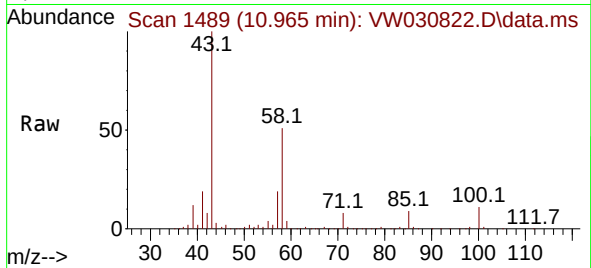




#48
2-Hexanone
Concen: 35.384 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030822.D
Acq: 29 Oct 2024 22:28

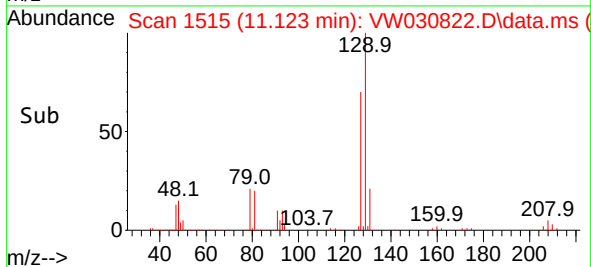
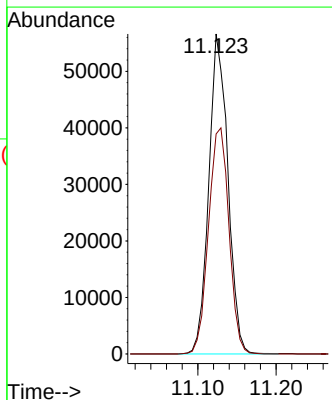
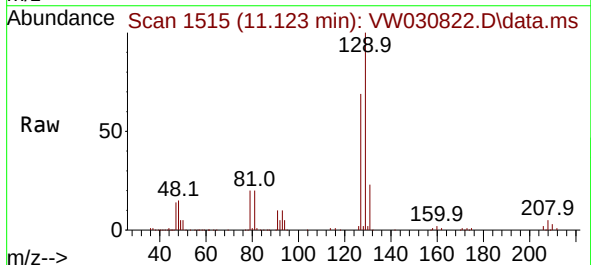
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MSD

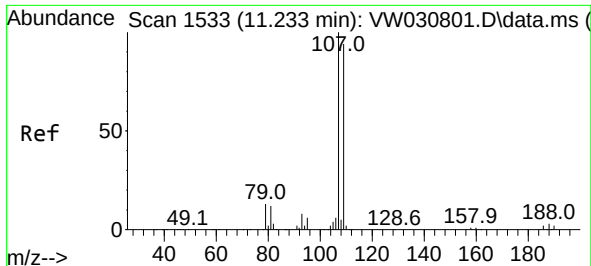
Tgt Ion:	43	Resp:	79199
Ion	Ratio	Lower	Upper
43	100		
58	53.4	44.6	67.0
57	19.3	15.8	23.8
100	12.9	10.2	15.2



#49
Dibromochloromethane
Concen: 20.854 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW030822.D
Acq: 29 Oct 2024 22:28

Tgt Ion:	129	Resp:	95814
Ion	Ratio	Lower	Upper
129	100		
127	68.8	56.5	104.9





#50

1,2-Dibromoethane

Concen: 18.925 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030822.D

Acq: 29 Oct 2024 22:28

Instrument :

MSVOA_W

ClientSampleId :

A4EF5MSD

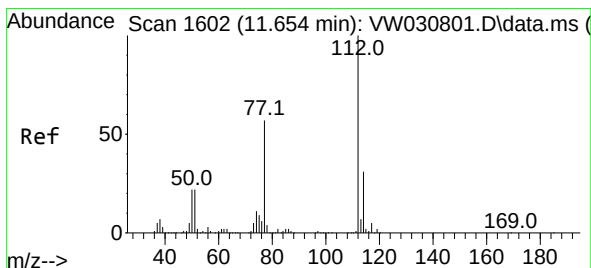
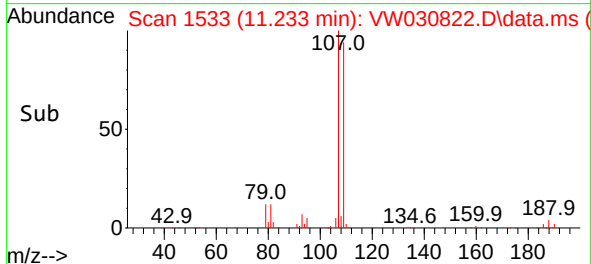
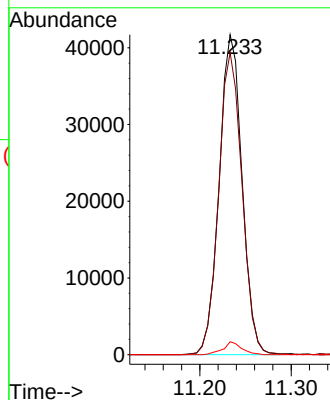
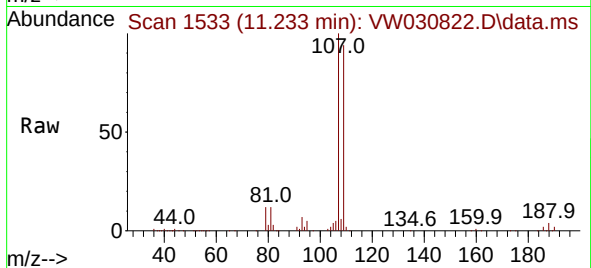
Tgt Ion:107 Resp: 72713

Ion Ratio Lower Upper

107 100

109 94.4 63.8 118.6

188 4.0 2.6 3.8#



#51

Chlorobenzene

Concen: 16.092 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW030822.D

Acq: 29 Oct 2024 22:28

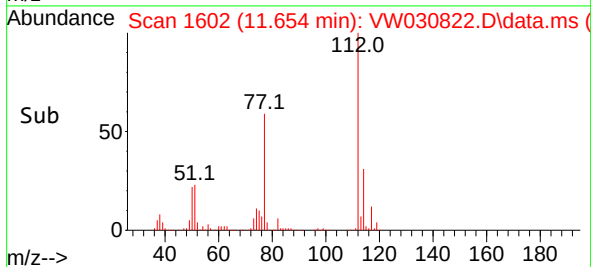
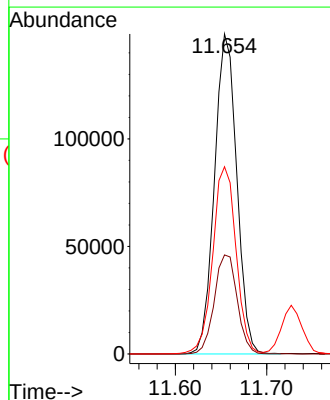
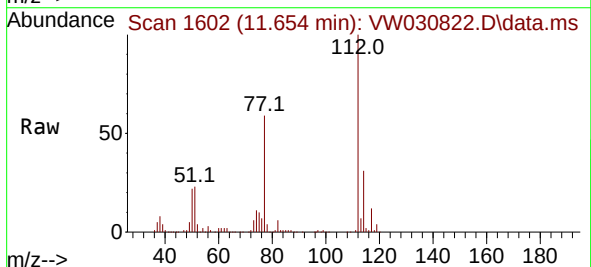
Tgt Ion:112 Resp: 252099

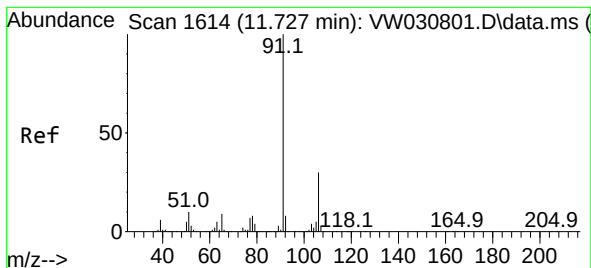
Ion Ratio Lower Upper

112 100

114 30.9 22.4 41.6

77 58.5 47.1 70.7

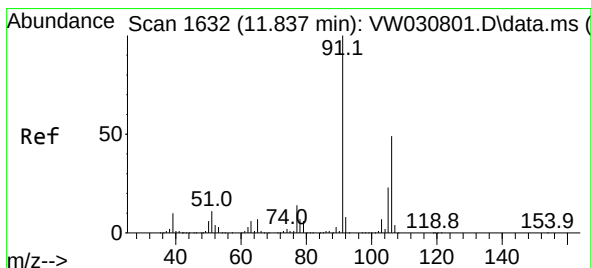
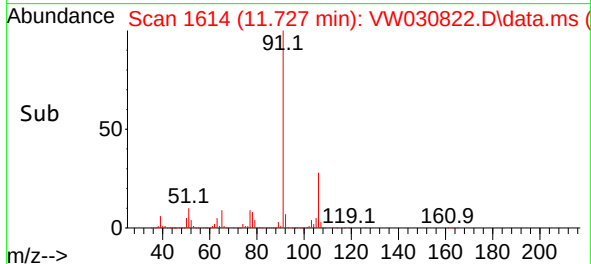
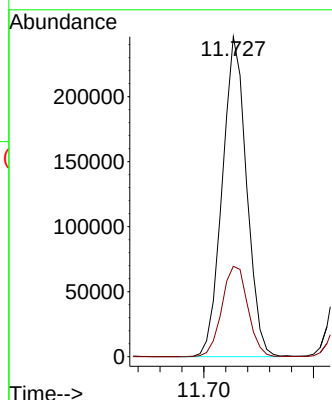
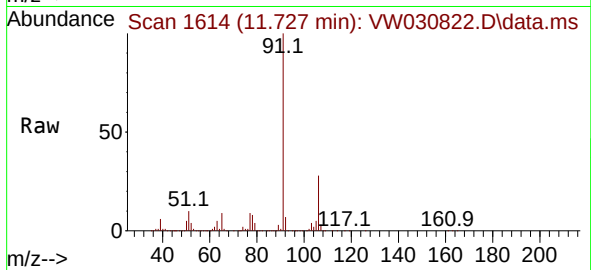




#52
Ethylbenzene
Concen: 13.669 ug/L
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW030822.D
Acq: 29 Oct 2024 22:28

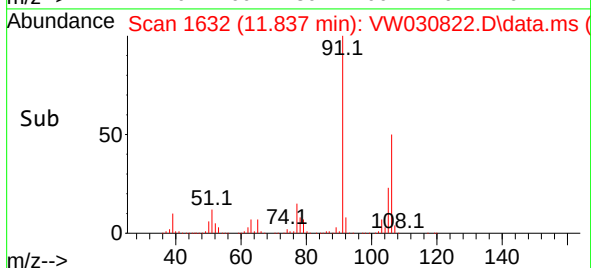
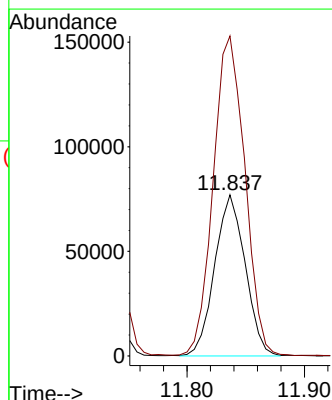
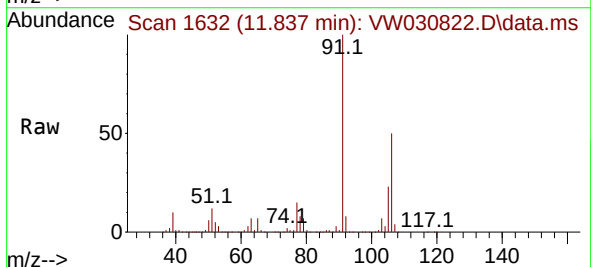
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MSD

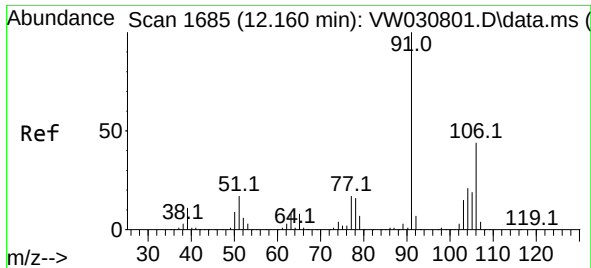
Tgt Ion: 91 Resp: 379571
Ion Ratio Lower Upper
91 100
106 28.3 21.1 39.1



#53
m,p-Xylene
Concen: 13.366 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030822.D
Acq: 29 Oct 2024 22:28

Tgt Ion:106 Resp: 139052
Ion Ratio Lower Upper
106 100
91 198.5 140.6 261.2

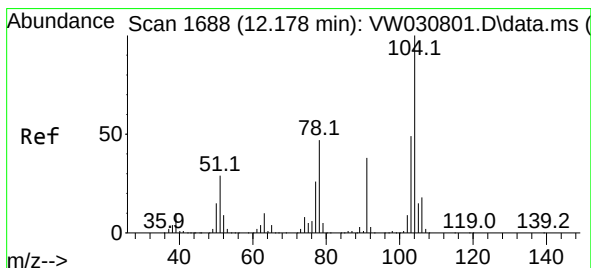
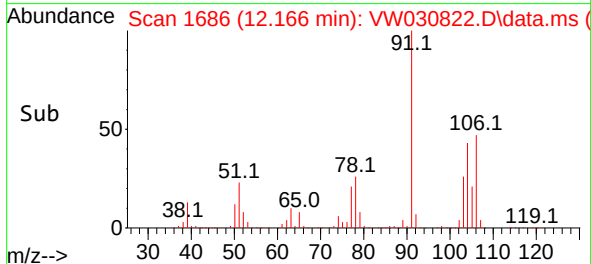
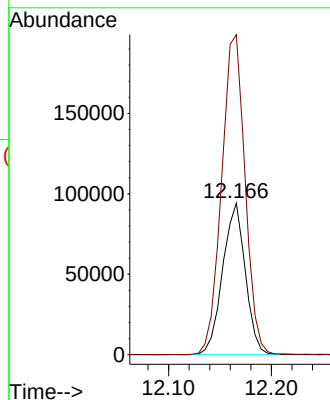
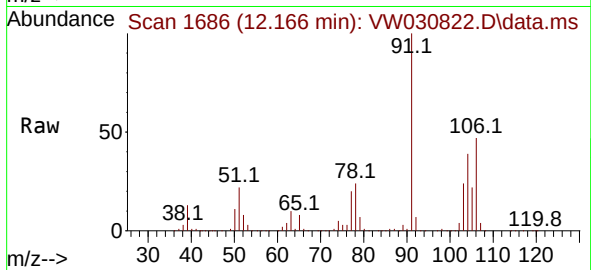




#54
o-Xylene
Concen: 14.991 ug/L
RT: 12.166 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW030822.D
Acq: 29 Oct 2024 22:28

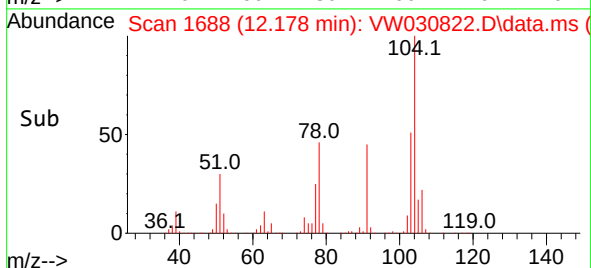
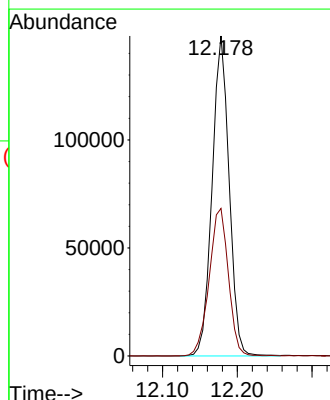
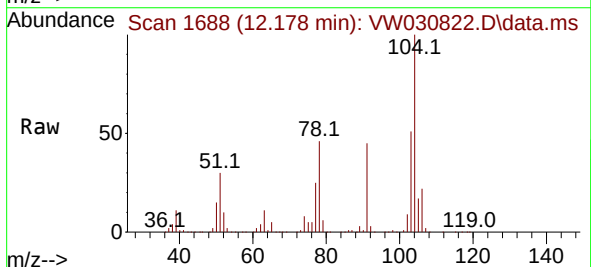
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MSD

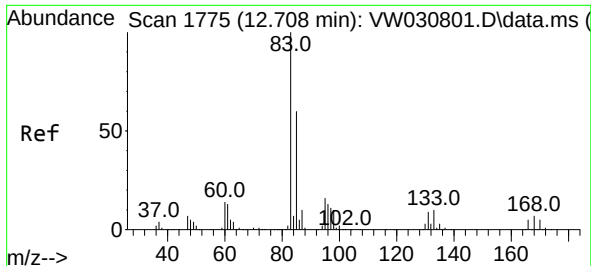
Tgt Ion:106 Resp: 144187
Ion Ratio Lower Upper
106 100
91 211.1 144.5 268.4



#55
Styrene
Concen: 14.247 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030822.D
Acq: 29 Oct 2024 22:28

Tgt Ion:104 Resp: 234252
Ion Ratio Lower Upper
104 100
78 46.1 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 19.633 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW030822.D

Acq: 29 Oct 2024 22:28

Instrument :

MSVOA_W

ClientSampleId :

A4EF5MSD

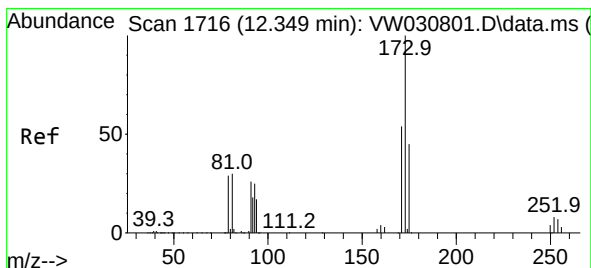
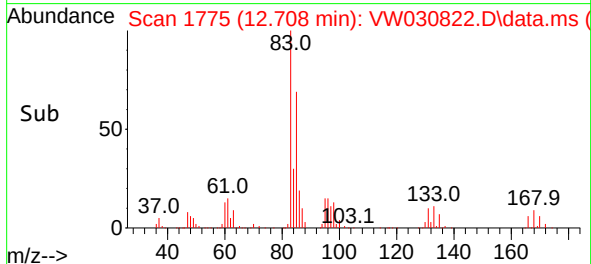
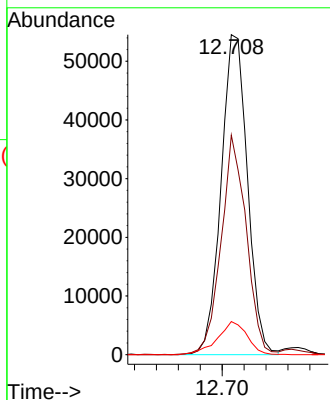
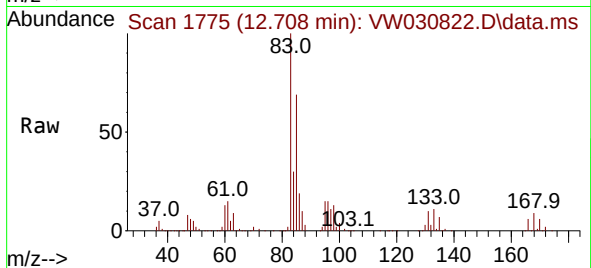
Tgt Ion: 83 Resp: 91164

Ion Ratio Lower Upper

83 100

85 68.6 42.6 79.2

131 10.3 7.4 11.0



#59

Bromoform

Concen: 22.049 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW030822.D

Acq: 29 Oct 2024 22:28

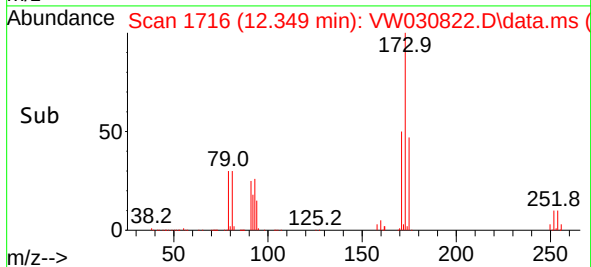
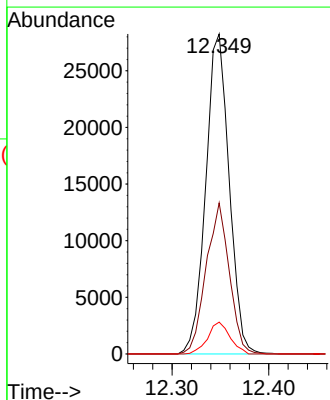
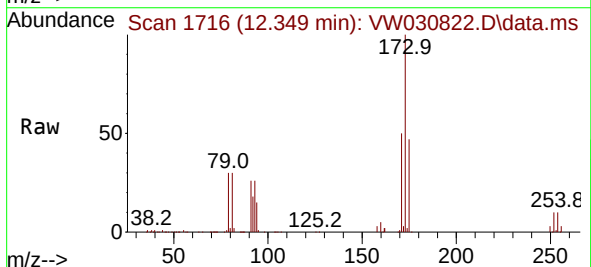
Tgt Ion: 173 Resp: 47531

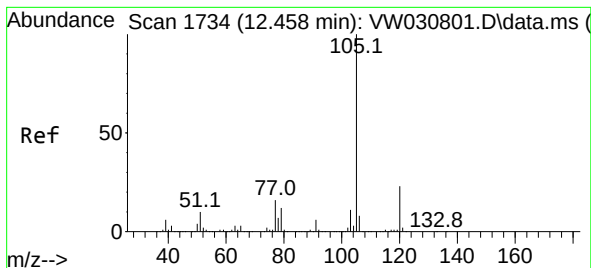
Ion Ratio Lower Upper

173 100

175 46.7 39.0 58.4

254 9.5 7.7 11.5





#60

Isopropylbenzene

Concen: 14.059 ug/L

RT: 12.465 min Scan# 1735

Delta R.T. 0.006 min

Lab File: VW030822.D

Acq: 29 Oct 2024 22:28

Instrument :

MSVOA_W

ClientSampleId :

A4EF5MSD

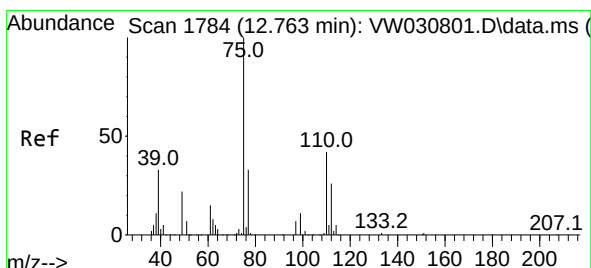
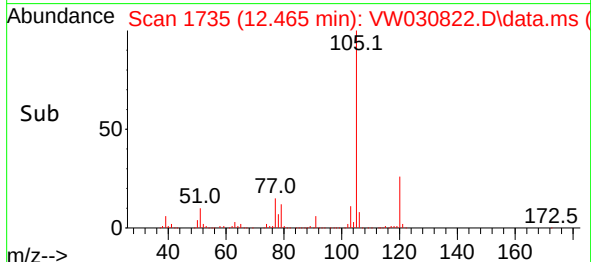
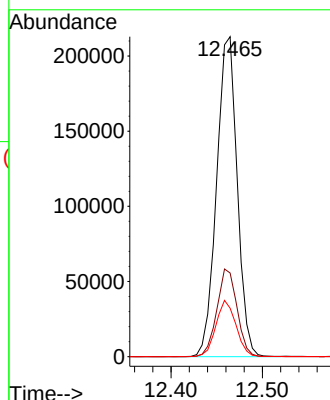
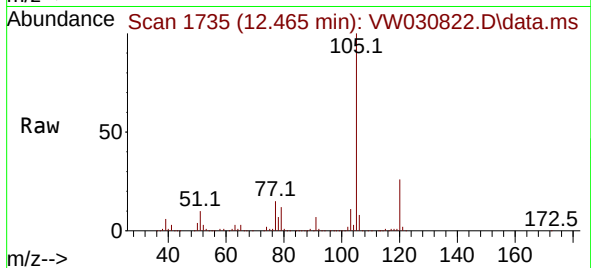
Tgt Ion:105 Resp: 334060

Ion Ratio Lower Upper

105 100

120 26.8 20.6 31.0

77 17.1 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 21.376 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW030822.D

Acq: 29 Oct 2024 22:28

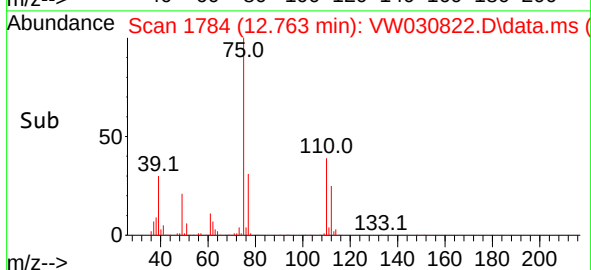
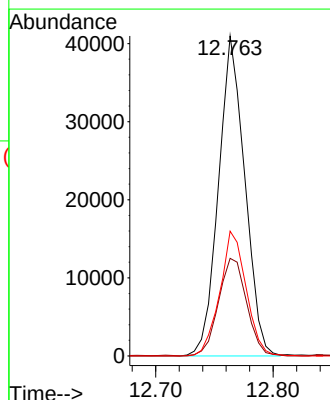
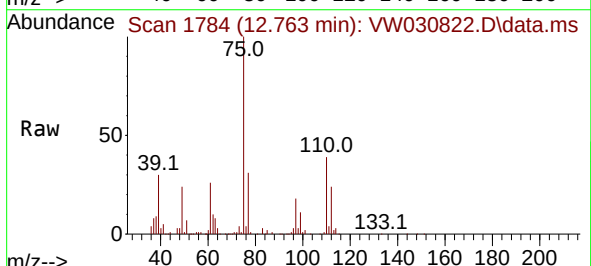
Tgt Ion: 75 Resp: 63821

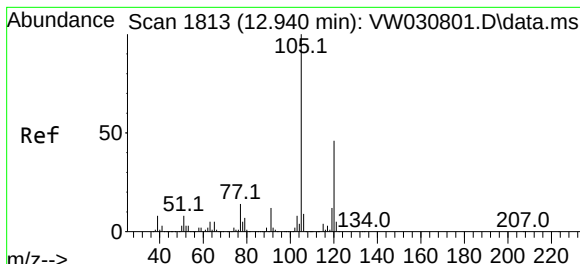
Ion Ratio Lower Upper

75 100

77 32.6 25.7 38.5

110 39.1 32.3 48.5

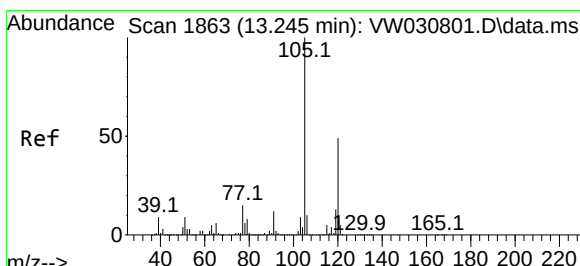
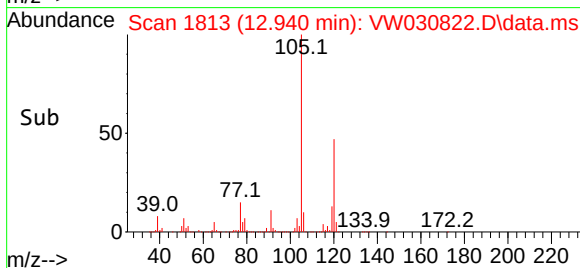
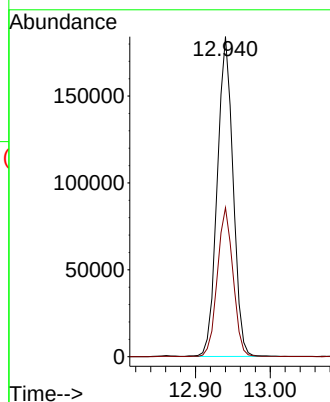
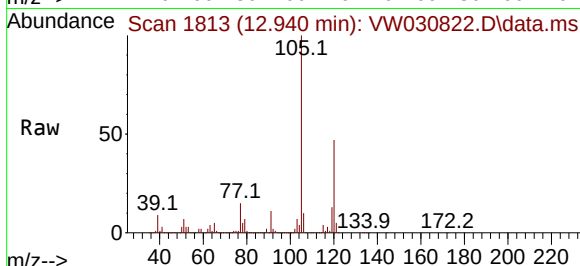




#62
 1,3,5-Trimethylbenzene
 Concen: 14.455 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW030822.D
 Acq: 29 Oct 2024 22:28

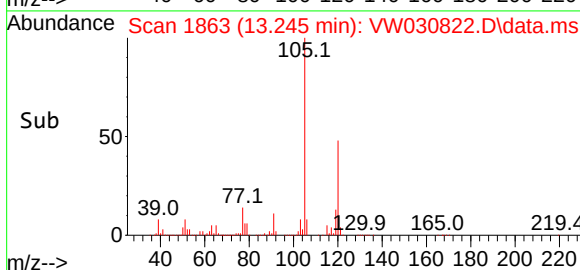
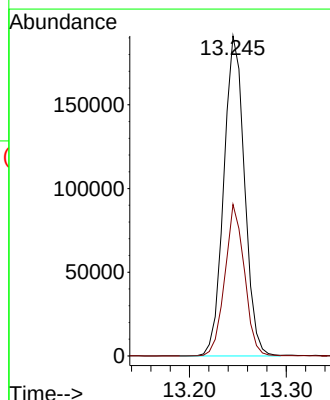
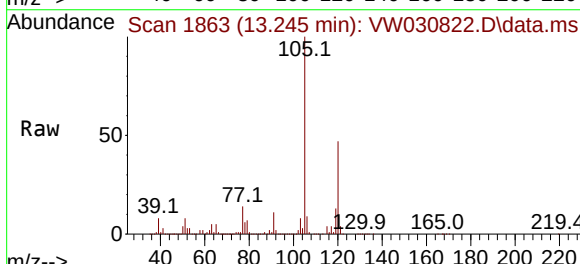
Instrument :
 MSVOA_W
 ClientSampleId :
 A4EF5MSD

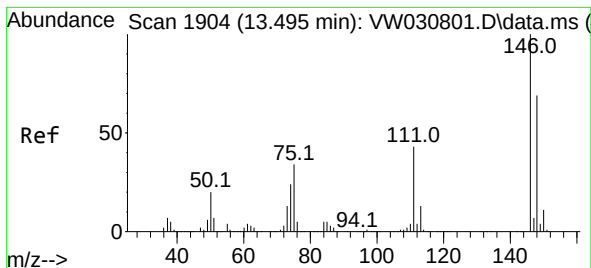
Tgt Ion:105 Resp: 270961
 Ion Ratio Lower Upper
 105 100
 120 46.1 38.0 57.0



#63
 1,2,4-Trimethylbenzene
 Concen: 15.495 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW030822.D
 Acq: 29 Oct 2024 22:28

Tgt Ion:105 Resp: 284402
 Ion Ratio Lower Upper
 105 100
 120 44.6 35.8 53.6

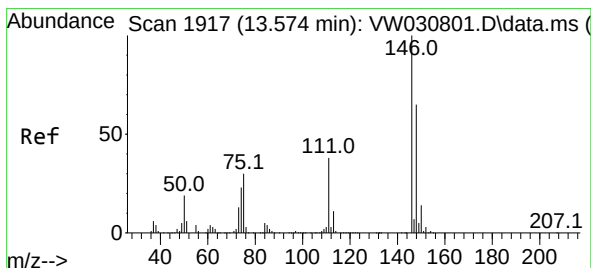
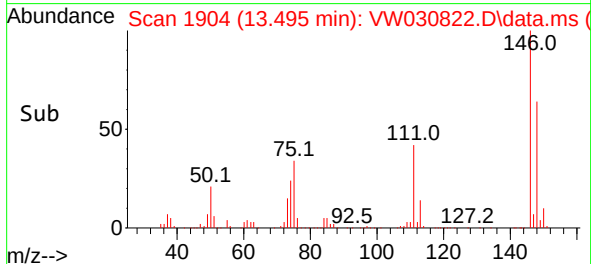
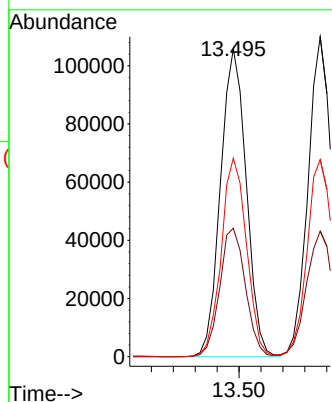
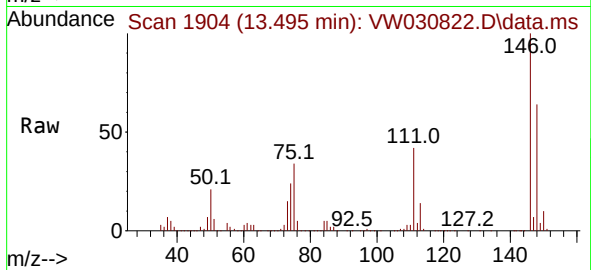




#64
1,3-Dichlorobenzene
Concen: 16.701 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030822.D
Acq: 29 Oct 2024 22:28

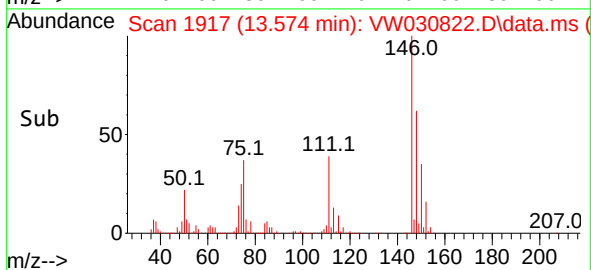
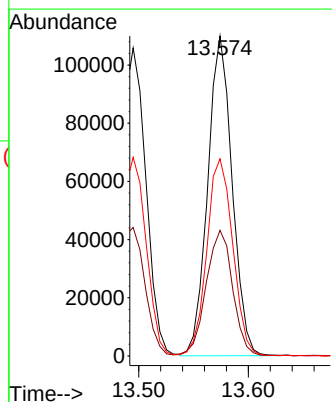
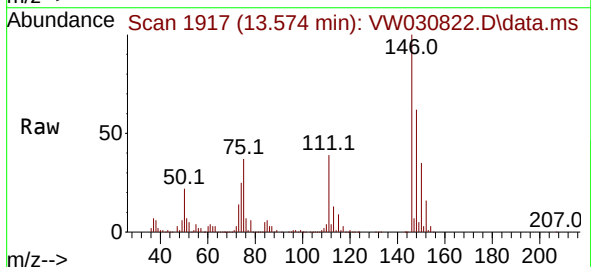
Instrument :
MSVOA_W
ClientSampleId :
A4EF5MSD

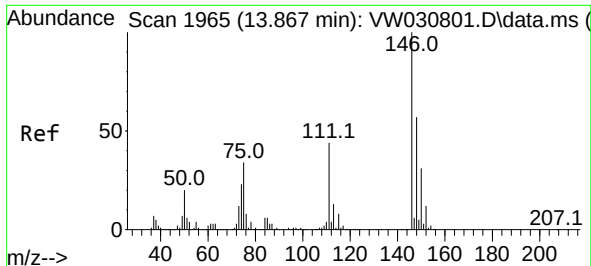
Tgt Ion:146 Resp: 172729
Ion Ratio Lower Upper
146 100
111 41.7 31.2 58.0
148 64.5 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 15.970 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030822.D
Acq: 29 Oct 2024 22:28

Tgt Ion:146 Resp: 170546
Ion Ratio Lower Upper
146 100
111 39.3 26.8 49.8
148 61.6 41.0 76.2





#67

1,2-Dichlorobenzene

Concen: 18.447 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW030822.D

Acq: 29 Oct 2024 22:28

Instrument :

MSVOA_W

ClientSampleId :

A4EF5MSD

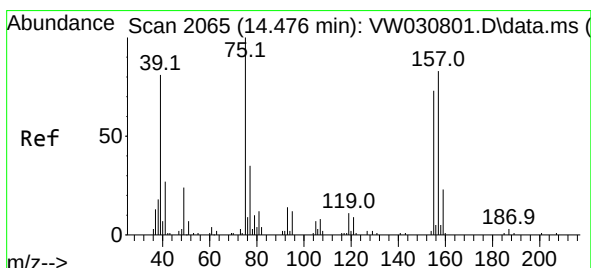
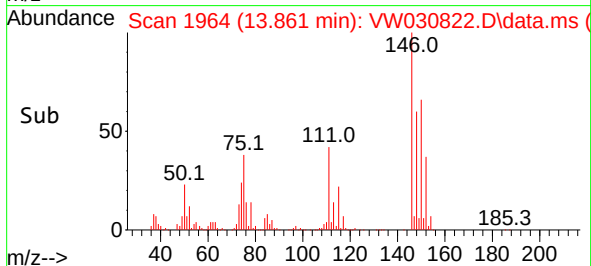
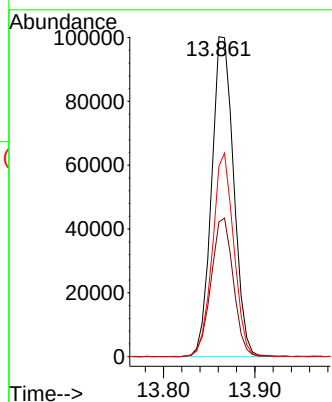
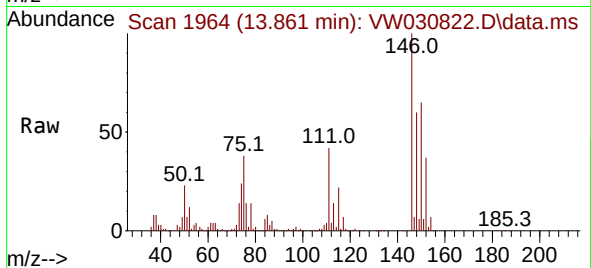
Tgt Ion:146 Resp: 167884

Ion Ratio Lower Upper

146 100

111 42.1 34.6 52.0

148 59.6 53.3 79.9



#68

1,2-Dibromo-3-chloropropane

Concen: 20.228 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW030822.D

Acq: 29 Oct 2024 22:28

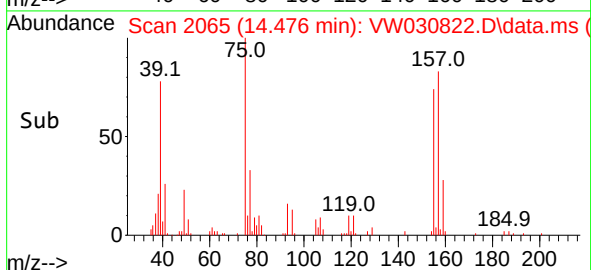
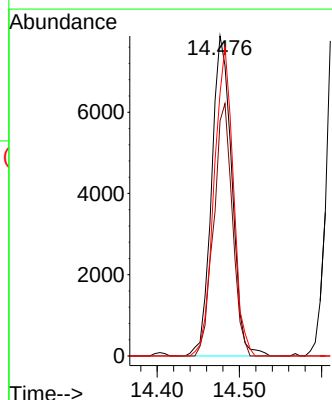
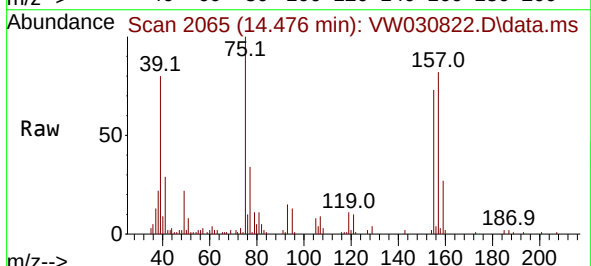
Tgt Ion: 75 Resp: 13466

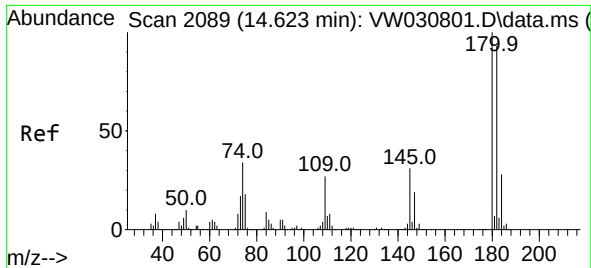
Ion Ratio Lower Upper

75 100

155 73.4 57.9 86.9

157 82.1 69.0 103.6

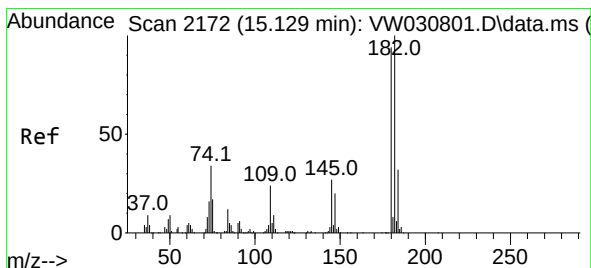
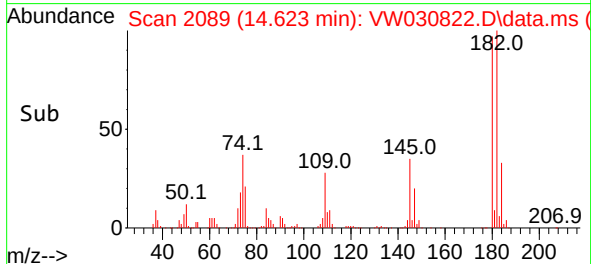
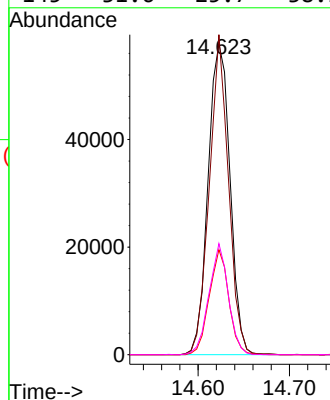
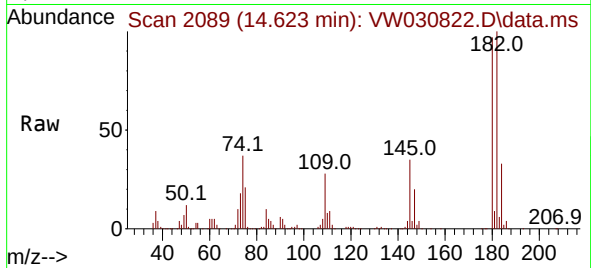




#69
 1,3,5-Trichlorobenzene
 Concen: 14.086 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.000 min
 Lab File: VW030822.D
 Acq: 29 Oct 2024 22:28

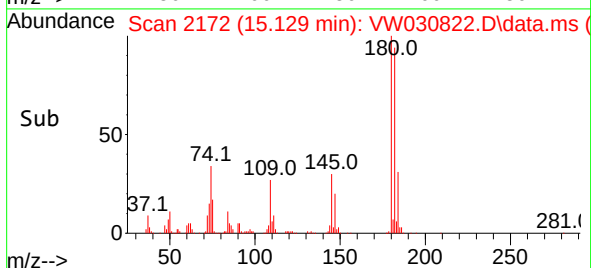
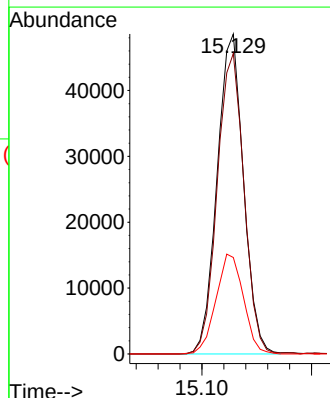
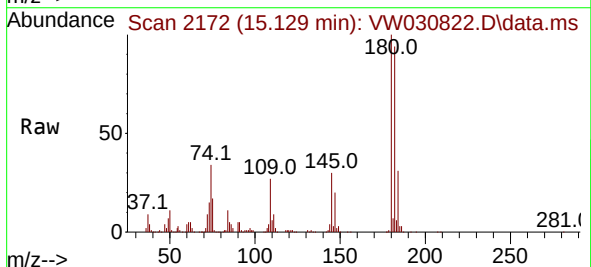
Instrument :
 MSVOA_W
 ClientSampleId :
 A4EF5MSD

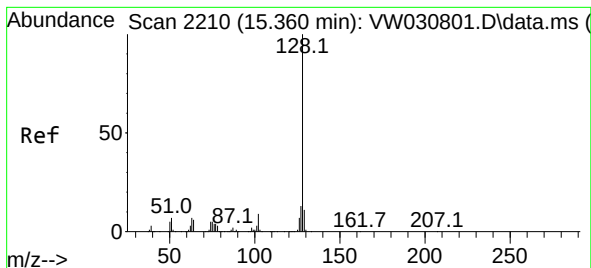
Tgt Ion:	180	Resp:	96073
Ion Ratio	Lower	Upper	
180	100		
182	89.9	79.9	119.9
184	30.1	25.2	37.8
145	31.6	25.7	38.5



#70
 1,2,4-trichlorobenzene
 Concen: 14.815 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: VW030822.D
 Acq: 29 Oct 2024 22:28

Tgt Ion:	180	Resp:	81343
Ion Ratio	Lower	Upper	
180	100		
182	94.8	75.2	112.8
145	32.4	25.4	38.2





#71

Naphthalene

Concen: 19.192 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030822.D

Acq: 29 Oct 2024 22:28

Instrument :

MSVOA_W

ClientSampleId :

A4EF5MSD

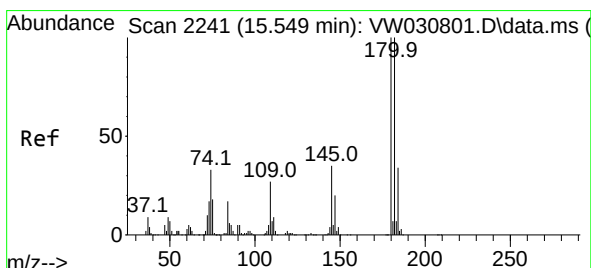
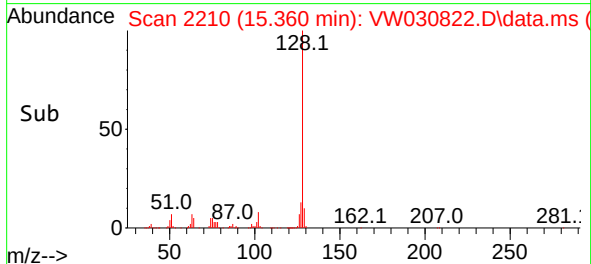
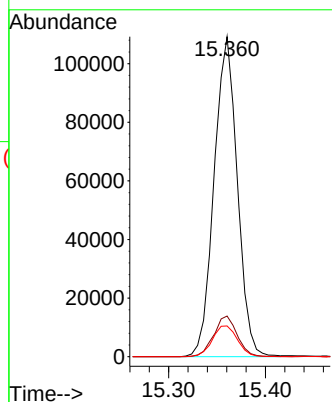
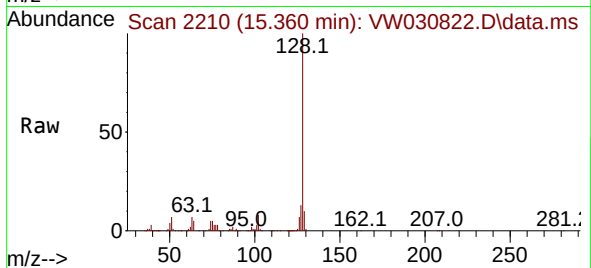
Tgt Ion:128 Resp: 182054

Ion Ratio Lower Upper

128 100

127 12.9 10.9 16.3

129 10.5 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 14.696 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030822.D

Acq: 29 Oct 2024 22:28

Tgt Ion:180 Resp: 69951

Ion Ratio Lower Upper

180 100

182 99.3 76.2 114.4

145 34.7 27.4 41.2

