

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
 Data File : VW030053.D
 Acq On : 27 Aug 2024 18:45
 Operator : SY/MD
 Sample : P3673-22MSD
 Misc : 5.23g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 28 01:19:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 28 01:11:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	57163	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	48214	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	19910	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	21127	24.836	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.360%
7) Chloroethane-d5	2.887	69	14305	23.694	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.760%
11) 1,1-Dichloroethene-d2	4.021	65	9100	25.039	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.160%
21) 2-Butanone-d5	7.179	46	12	0.071	ug/L	0.10
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.140%#
24) Chloroform-d	7.648	84	30655	19.886	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.560%
26) 1,2-Dichloroethane-d4	8.307	65	16075	20.537	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.160%
32) Benzene-d6	8.270	84	64158	22.544	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.160%
36) 1,2-Dichloropropane-d6	9.276	67	18462	22.142	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.560%
41) Toluene-d8	10.325	98	55037	21.247	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	10.575	79	6184	18.030	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.120%
47) 2-Hexanone-d5	10.922	63	5820	45.607	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.220%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	14274	23.251	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	13.848	152	13837	19.214	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	17733	26.972	ug/L	96
3) Chloromethane	2.216	50	13999	18.317	ug/L	94
5) Vinyl chloride	2.369	62	18060	19.992	ug/L	100
6) Bromomethane	2.789	94	9051	16.122	ug/L	99
8) Chloroethane	2.923	64	9668	18.572	ug/L	97
9) Trichlorofluoromethane	3.271	101	25701	32.854	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	16443	21.970	ug/L #	89
12) 1,1-Dichloroethene	4.045	96	13692	18.686	ug/L	98
13) Acetone	4.131	43	9014	58.117	ug/L	71
14) Carbon disulfide	4.393	76	44418	19.541	ug/L	99
15) Methyl Acetate	4.673	43	4751	15.711	ug/L #	84
16) Methylene chloride	4.917	84	15070	15.959	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	12894	15.912	ug/L	98
18) Methyl tert-butyl Ether	5.435	73	23999	19.366	ug/L #	91
19) 1,1-Dichloroethane	6.209	63	11492	7.632	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	12711	14.192	ug/L	92
22) 2-Butanone	7.179	43	6672	30.062	ug/L	75
23) Bromochloromethane	7.514	128	5245	13.807	ug/L	93
25) Chloroform	7.679	83	23511	15.265	ug/L	98

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 Response via : Initial Calibration

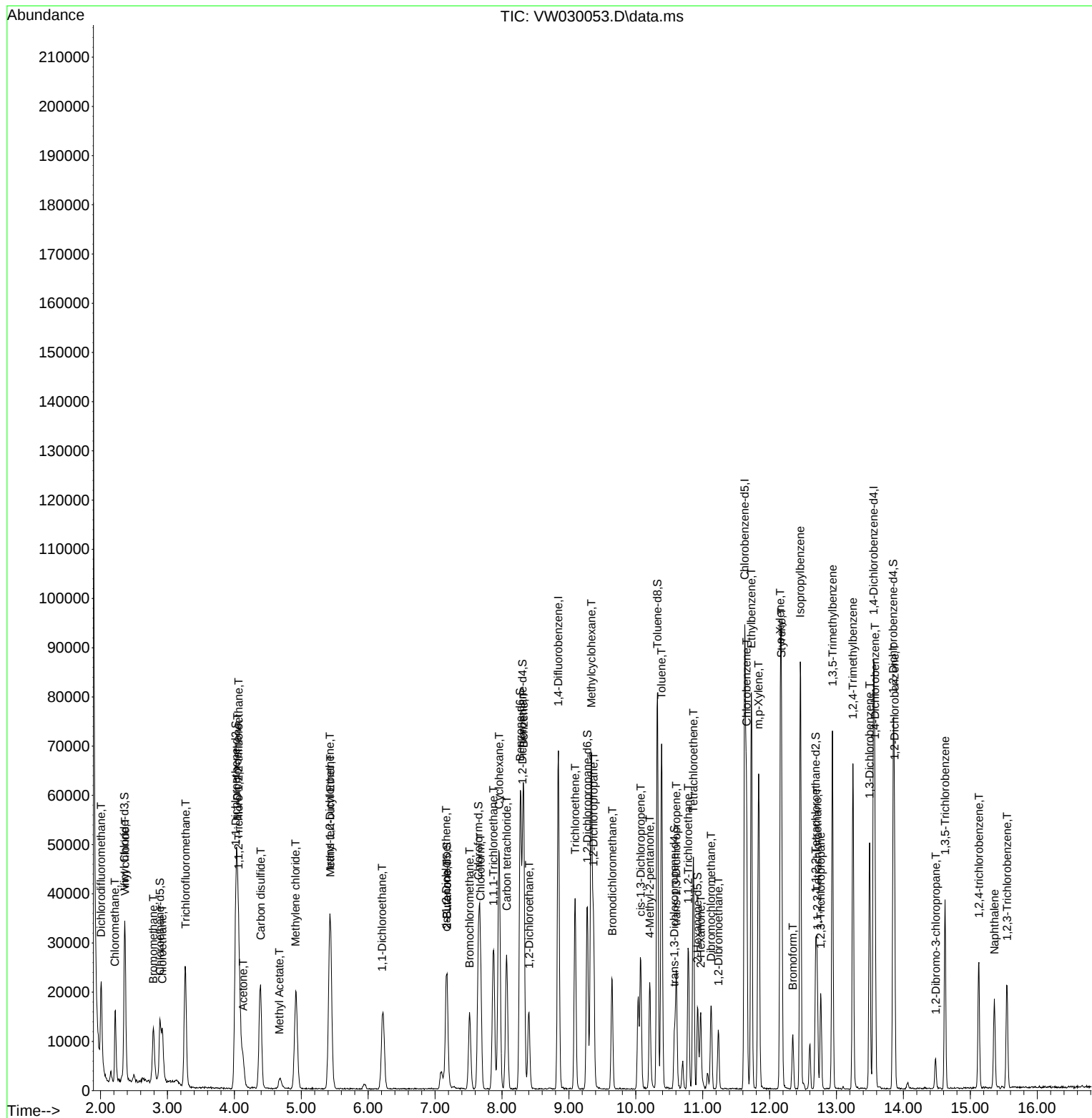
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	14310	14.514	ug/L	95
29) Cyclohexane	7.959	56	25418	21.833	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	23241	20.580	ug/L	99
31) Carbon tetrachloride	8.069	117	20615	20.319	ug/L	99
33) Benzene	8.325	78	53168	17.212	ug/L	100
34) Trichloroethene	9.093	95	13827	16.623	ug/L	97
35) Methylcyclohexane	9.337	83	25842	18.969	ug/L	96
37) 1,2-Dichloropropane	9.367	63	13254	16.944	ug/L #	97
38) Bromodichloromethane	9.648	83	15237	15.438	ug/L	94
39) cis-1,3-Dichloropropene	10.075	75	16359	13.587	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	14539	37.338	ug/L	96
42) Toluene	10.386	91	52346	15.912	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	12980	13.323	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	9051	15.786	ug/L	99
46) Tetrachloroethene	10.861	164	10777	17.070	ug/L	94
48) 2-Hexanone	10.971	43	10113	36.534	ug/L	94
49) Dibromochloromethane	11.123	129	9126	14.981	ug/L	91
50) 1,2-Dibromoethane	11.233	107	8276	15.453	ug/L #	93
51) Chlorobenzene	11.654	112	29855	14.194	ug/L	97
52) Ethylbenzene	11.727	91	56623	15.191	ug/L	98
53) m,p-Xylene	11.836	106	20317	14.606	ug/L	93
54) o-Xylene	12.160	106	18116	13.569	ug/L	97
55) Styrene	12.178	104	27181	12.151	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	10979	17.005	ug/L #	95
59) Bromoform	12.349	173	4905	16.543	ug/L #	95
60) Isopropylbenzene	12.458	105	54504	17.159	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	8123	20.065	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	37797	16.003	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	35742	14.357	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	19990	14.762	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	19080	13.948	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	17865	14.748	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.482	75	1713	19.768	ug/L	82
69) 1,3,5-Trichlorobenzene	14.623	180	10404	11.768	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	8073	10.550	ug/L	98
71) Naphthalene	15.360	128	15264	10.447	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	6792	10.113	ug/L	93

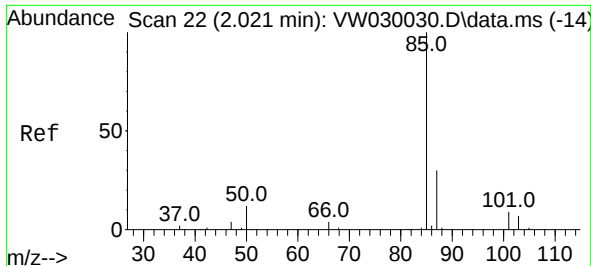
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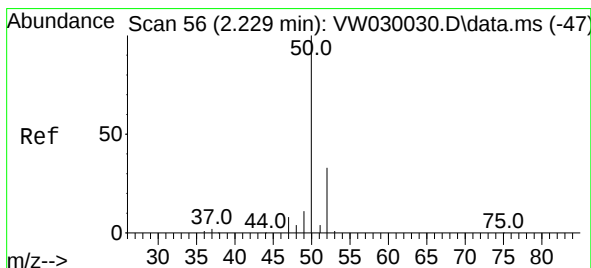
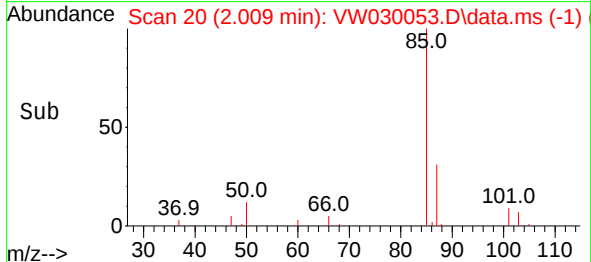
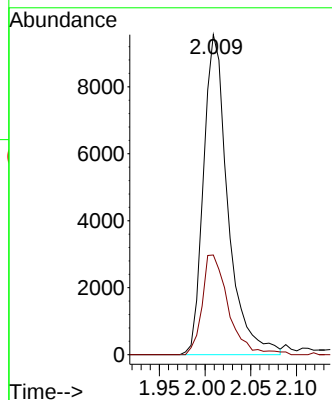
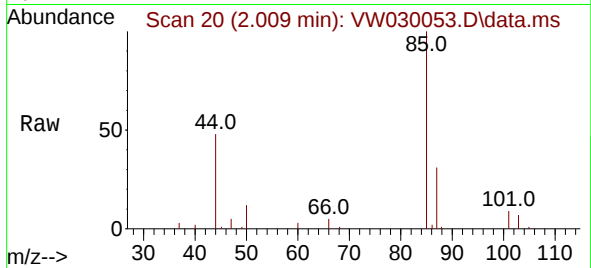




#2
 Dichlorodifluoromethane
 Concen: 26.972 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: VW030053.D
 Acq: 27 Aug 2024 18:45

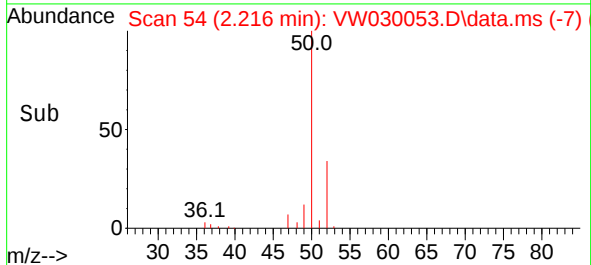
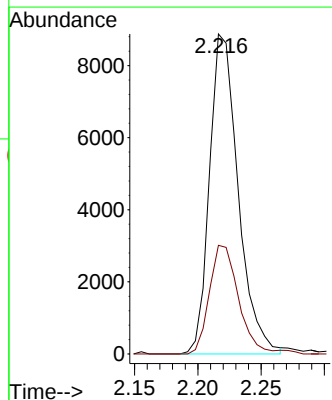
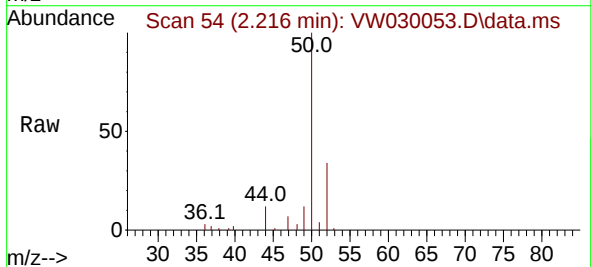
Instrument :
 MSVOA_W
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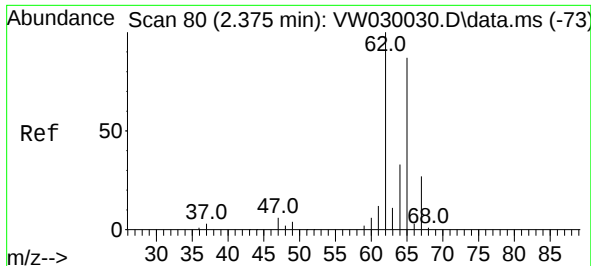
Tgt Ion: 85 Resp: 17733
 Ion Ratio Lower Upper
 85 100
 87 32.6 24.2 36.2



#3
 Chloromethane
 Concen: 18.317 ug/L
 RT: 2.216 min Scan# 54
 Delta R.T. -0.012 min
 Lab File: VW030053.D
 Acq: 27 Aug 2024 18:45

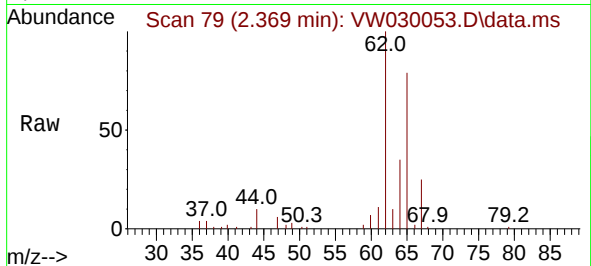
Tgt Ion: 50 Resp: 13999
 Ion Ratio Lower Upper
 50 100
 52 34.0 21.6 40.2



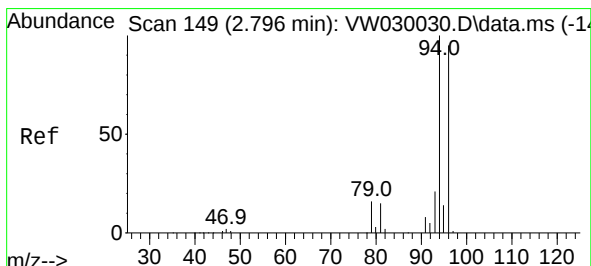
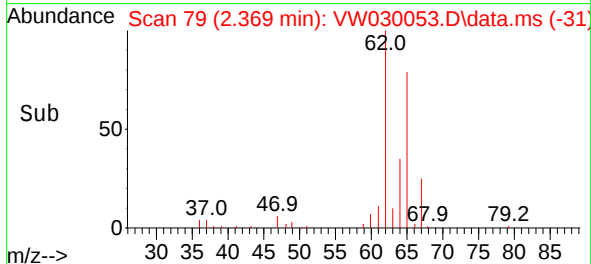
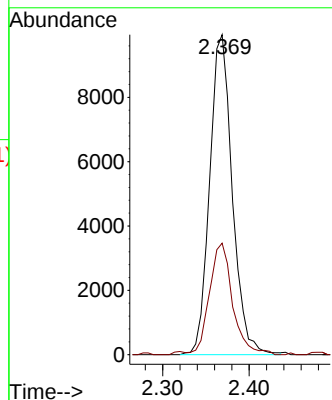


#5
 Vinyl chloride
 Concen: 19.992 ug/L
 RT: 2.369 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW030053.D
 Acq: 27 Aug 2024 18:45

Instrument :
 MSVOA_W
 ClientSampleId :

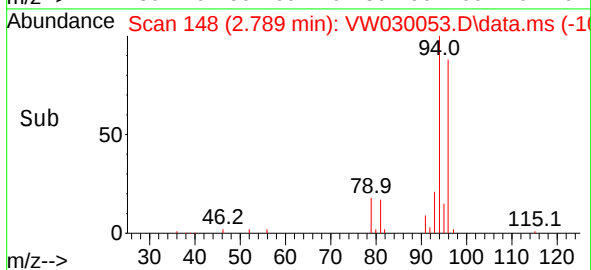
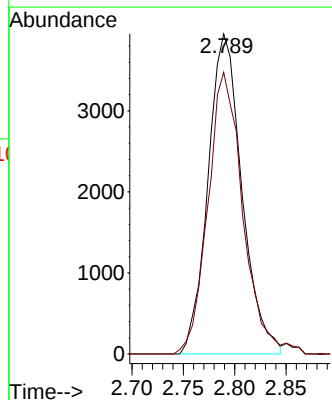
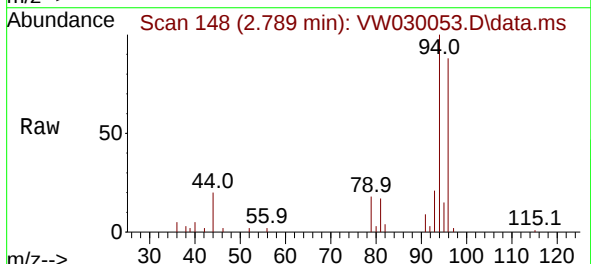


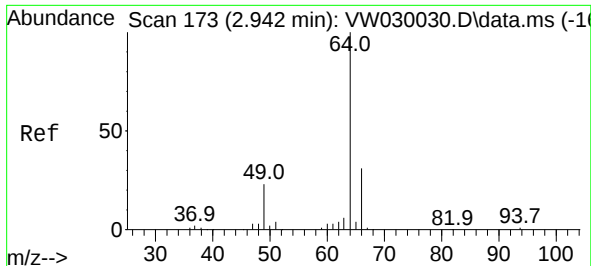
Tgt Ion: 62 Resp: 18060
 Ion Ratio Lower Upper
 62 100
 64 34.9 24.4 45.4



#6
 Bromomethane
 Concen: 16.122 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW030053.D
 Acq: 27 Aug 2024 18:45

Tgt Ion: 94 Resp: 9051
 Ion Ratio Lower Upper
 94 100
 96 88.0 62.4 115.8

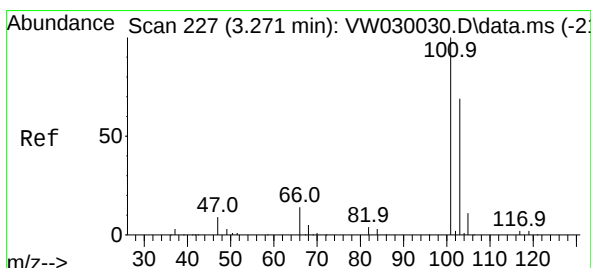
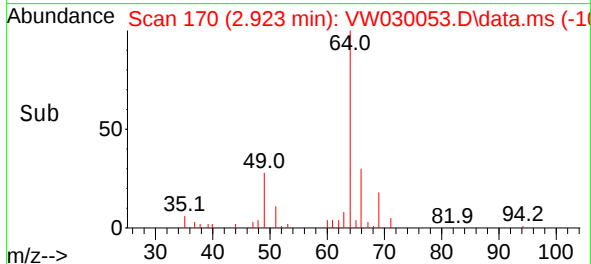
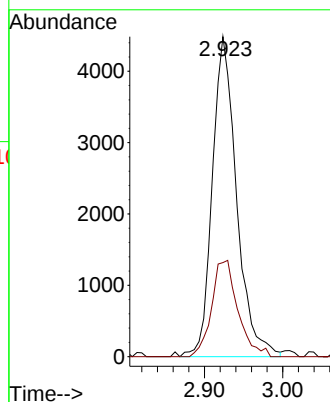
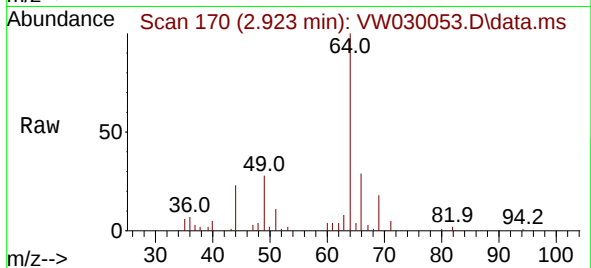




#8
Chloroethane
Concen: 18.572 ug/L
RT: 2.923 min Scan# 11
Delta R.T. -0.019 min
Lab File: VW030053.D
Acq: 27 Aug 2024 18:45

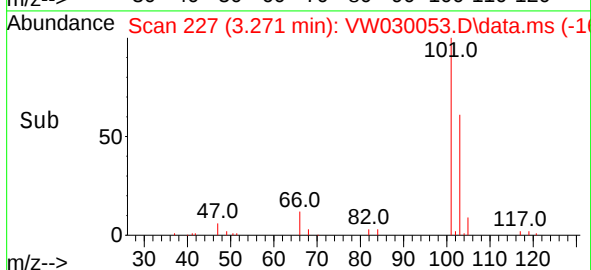
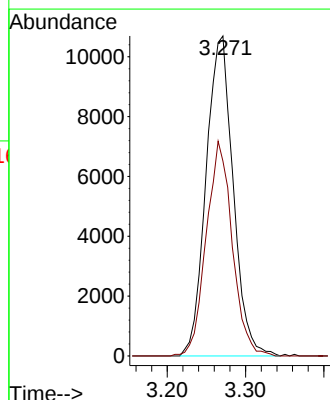
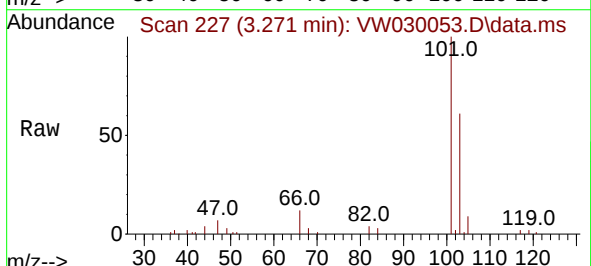
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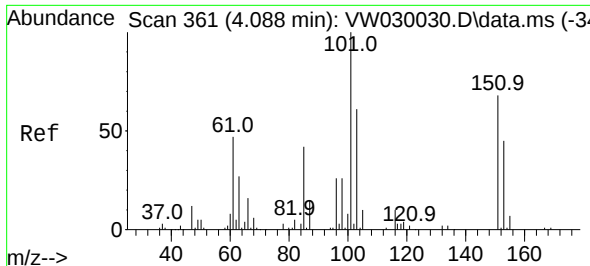
Tgt Ion: 64 Resp: 9668
Ion Ratio Lower Upper
64 100
66 29.4 21.7 40.3



#9
Trichlorofluoromethane
Concen: 32.854 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW030053.D
Acq: 27 Aug 2024 18:45

Tgt Ion:101 Resp: 25701
Ion Ratio Lower Upper
101 100
103 64.5 50.7 76.1





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 21.970 ug/L

RT: 4.064 min Scan# 357

Delta R.T. -0.025 min

Lab File: VW030053.D

Acq: 27 Aug 2024 18:45

Instrument :

MSVOA_W

ClientSampleId :

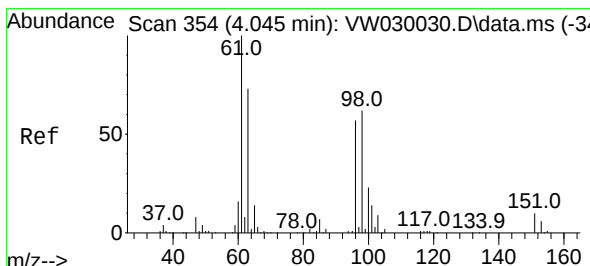
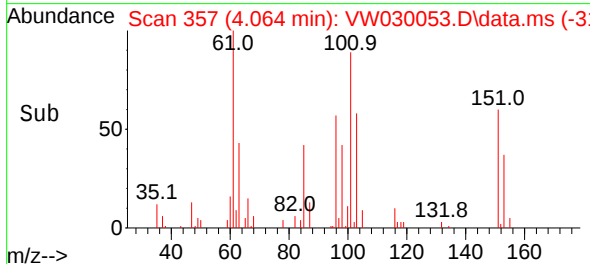
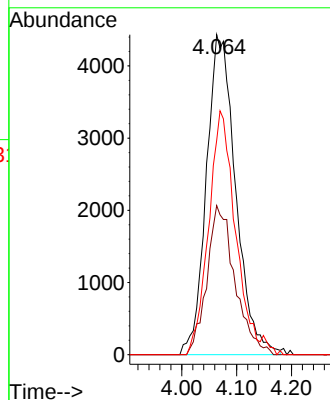
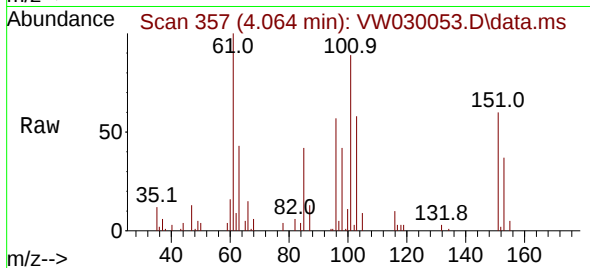
Tgt Ion:101 Resp: 16443

Ion Ratio Lower Upper

101 100

85 26.6 34.7 52.1#

151 69.2 54.8 82.2



#12

1,1-Dichloroethene

Concen: 18.686 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW030053.D

Acq: 27 Aug 2024 18:45

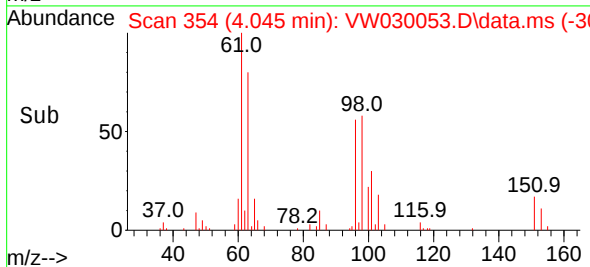
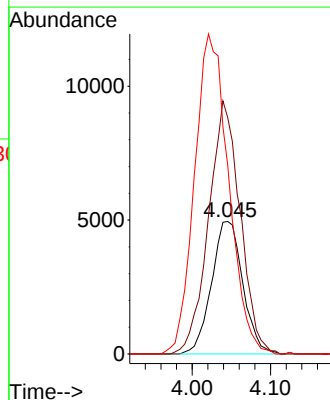
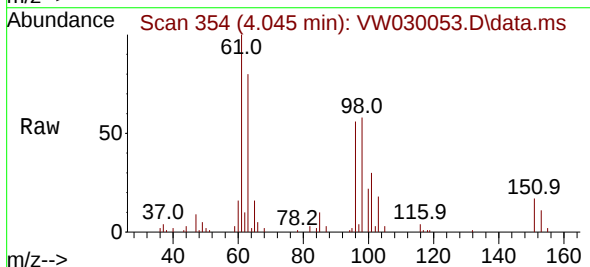
Tgt Ion: 96 Resp: 13692

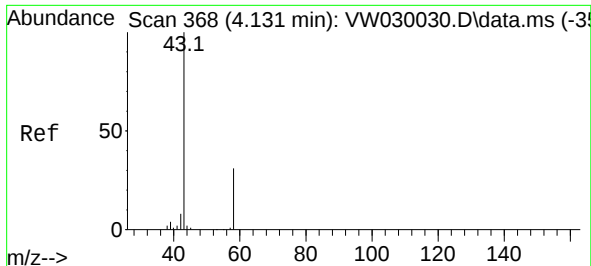
Ion Ratio Lower Upper

96 100

61 178.4 126.0 234.0

63 142.6 101.8 189.2





#13

Acetone

Concen: 58.117 ug/L

RT: 4.131 min Scan# 368

Delta R.T. -0.000 min

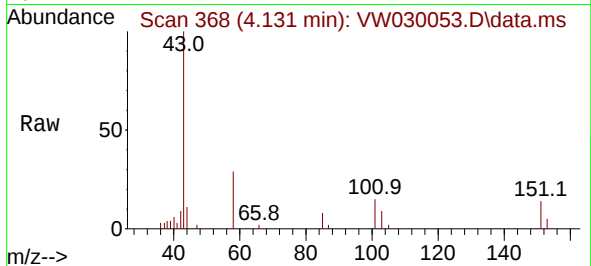
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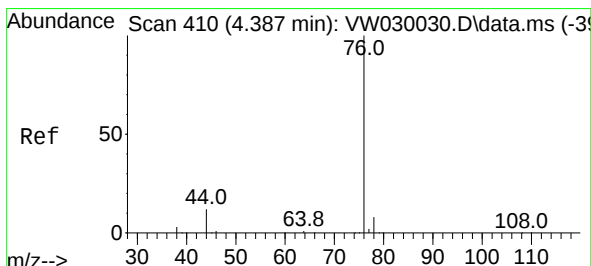
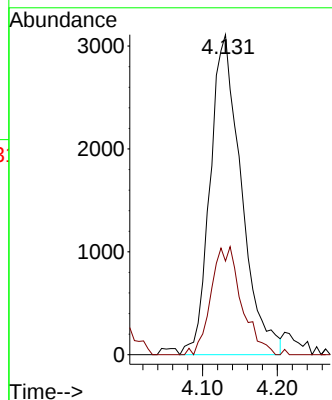
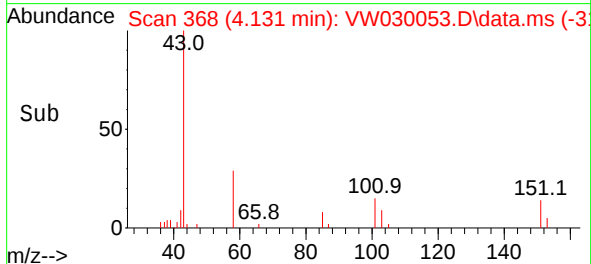


Tgt Ion: 43 Resp: 9014

Ion Ratio Lower Upper

43 100

58 17.0 0.0 66.4



#14

Carbon disulfide

Concen: 19.541 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW030053.D

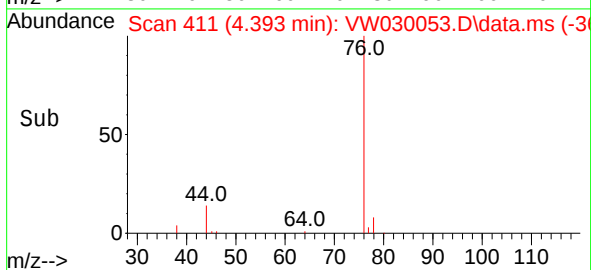
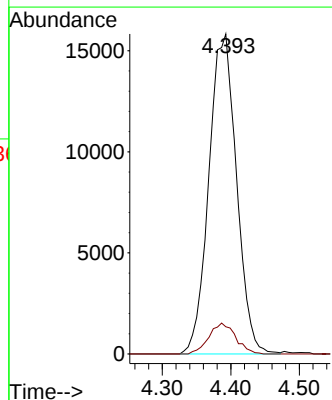
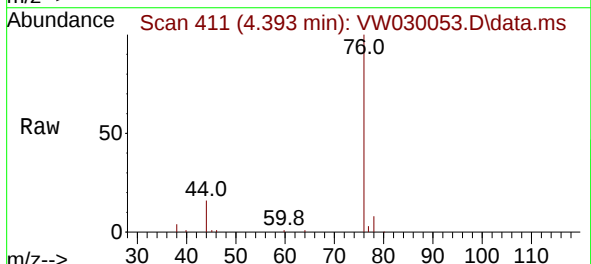
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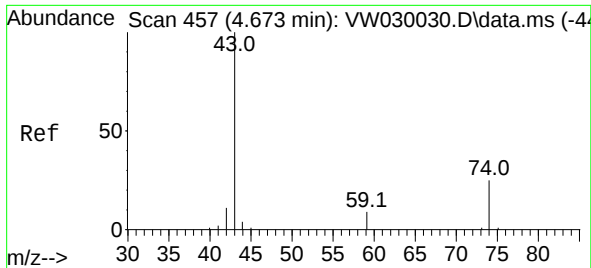
Tgt Ion: 76 Resp: 44418

Ion Ratio Lower Upper

76 100

78 8.5 6.6 9.8

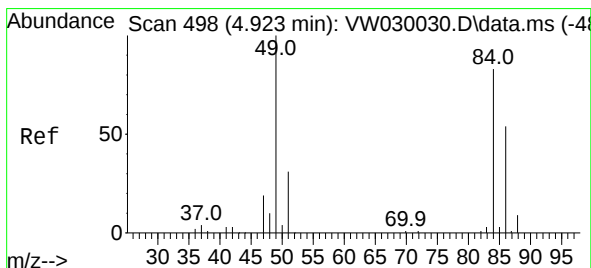
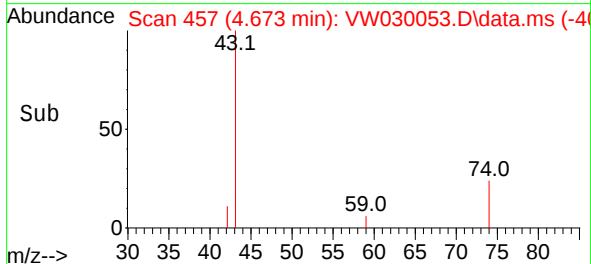
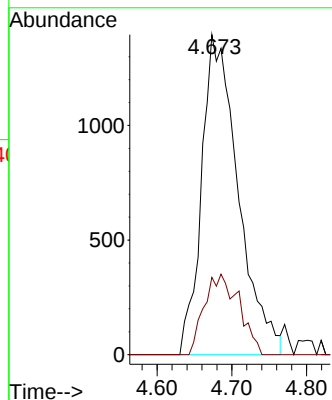
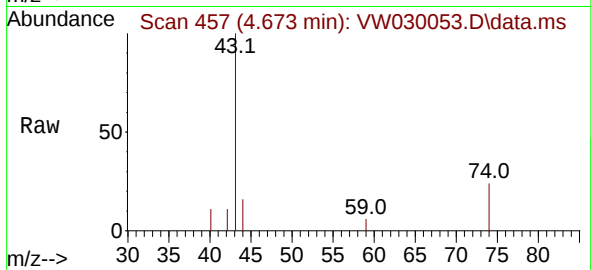




#15
Methyl Acetate
Concen: 15.711 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW030053.D
Acq: 27 Aug 2024 18:45

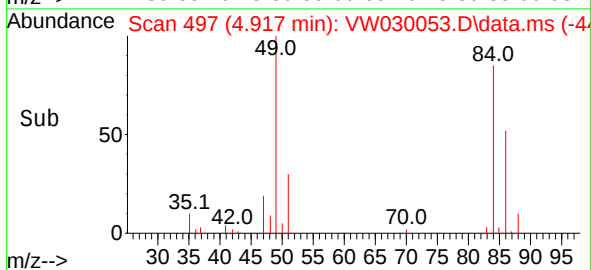
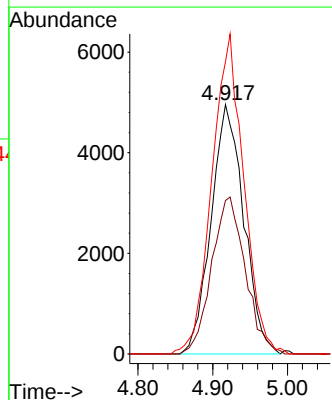
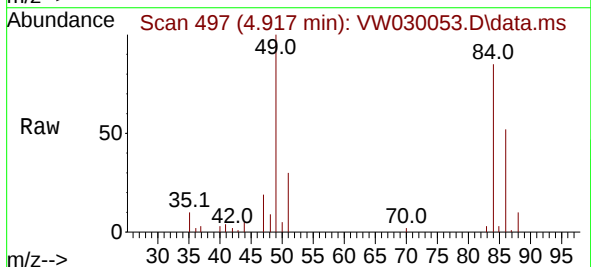
Instrument :
MSVOA_W
ClientSampleId :

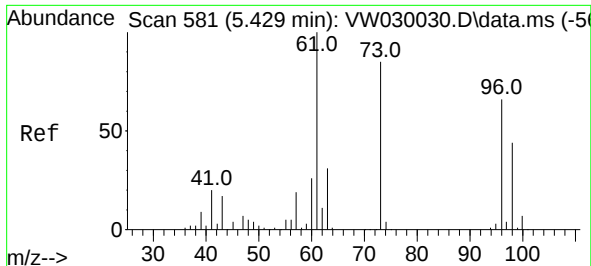
Tgt Ion: 43 Resp: 4751
Ion Ratio Lower Upper
43 100
74 16.8 19.9 29.9#



#16
Methylene chloride
Concen: 15.959 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW030053.D
Acq: 27 Aug 2024 18:45

Tgt Ion: 84 Resp: 15070
Ion Ratio Lower Upper
84 100
86 61.5 44.2 82.2
49 117.2 79.9 148.3





#17

trans-1,2-Dichloroethene

Concen: 15.912 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW030053.D

Acq: 27 Aug 2024 18:45

Instrument :

MSVOA_W

ClientSampleId :

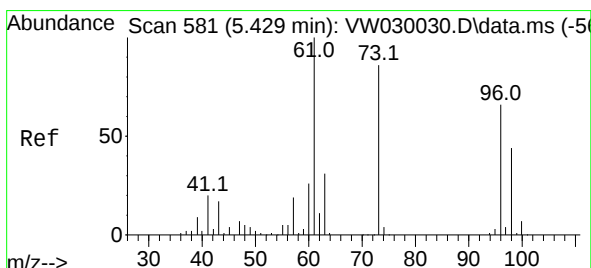
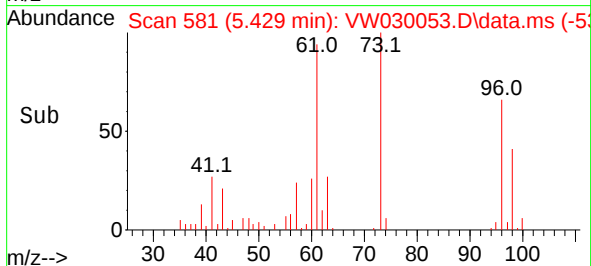
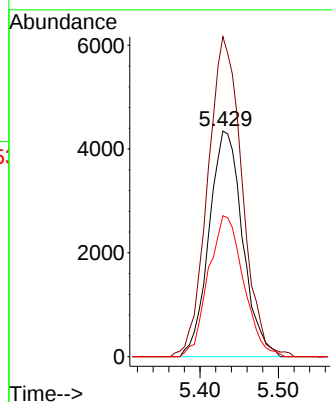
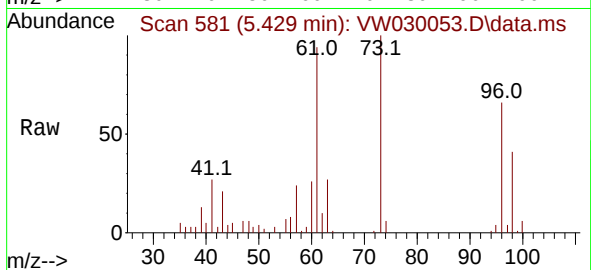
Tgt Ion: 96 Resp: 12894

Ion Ratio Lower Upper

96 100

61 141.8 98.3 182.7

98 62.5 45.3 84.1



#18

Methyl tert-butyl Ether

Concen: 19.366 ug/L

RT: 5.435 min Scan# 582

Delta R.T. 0.006 min

Lab File: VW030053.D

Acq: 27 Aug 2024 18:45

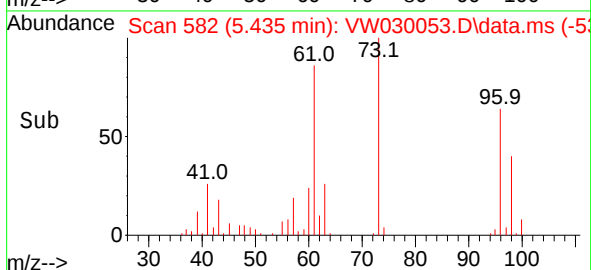
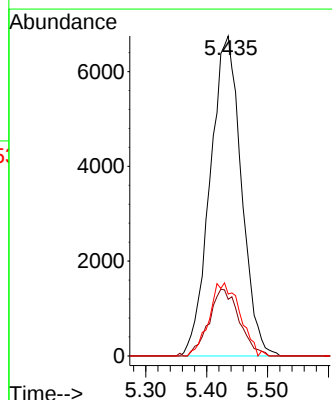
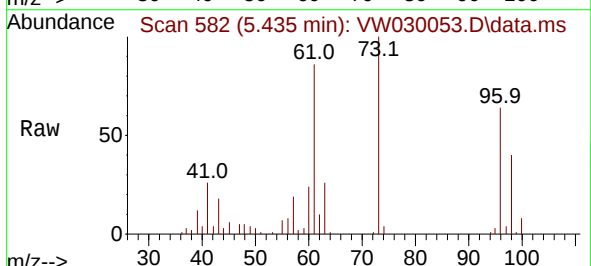
Tgt Ion: 73 Resp: 23999

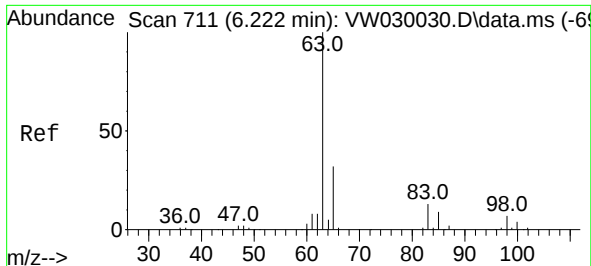
Ion Ratio Lower Upper

73 100

43 20.3 15.4 23.2

57 14.1 17.4 26.0#





#19

1,1-Dichloroethane

Concen: 7.632 ug/L

RT: 6.209 min Scan# 711

Delta R.T. -0.012 min

Lab File: VW030053.D

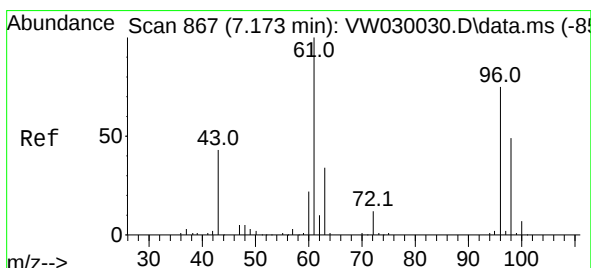
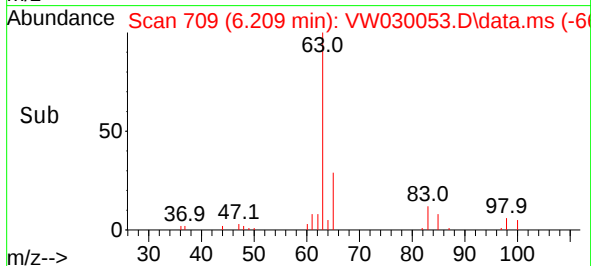
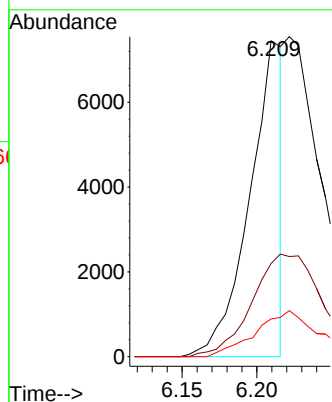
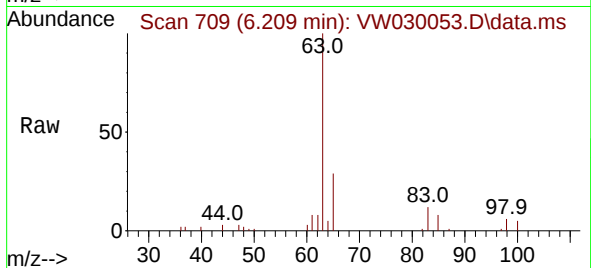
Acq: 27 Aug 2024 18:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 11492
Ion Ratio	Lower Upper
63 100	
65 29.5	21.6 40.0
83 12.0	9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 14.192 ug/L

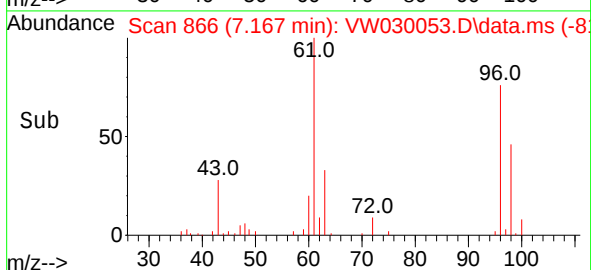
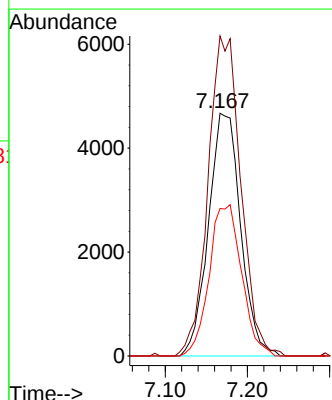
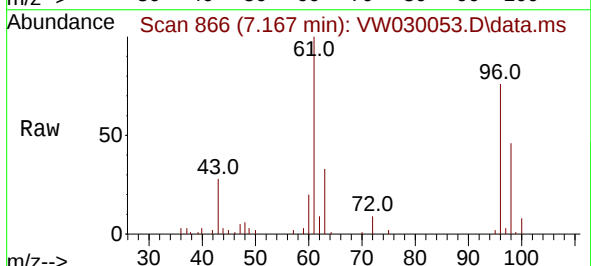
RT: 7.167 min Scan# 866

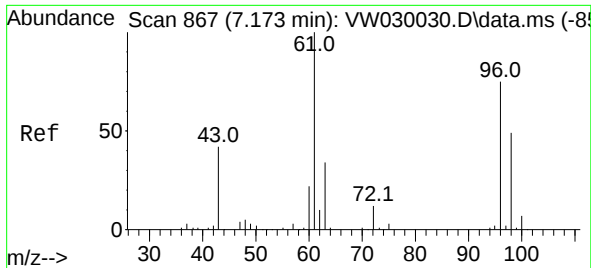
Delta R.T. -0.006 min

Lab File: VW030053.D

Acq: 27 Aug 2024 18:45

Tgt Ion: 96	Resp: 12711
Ion Ratio	Lower Upper
96 100	
61 131.9	99.6 185.0
98 60.8	46.5 86.5

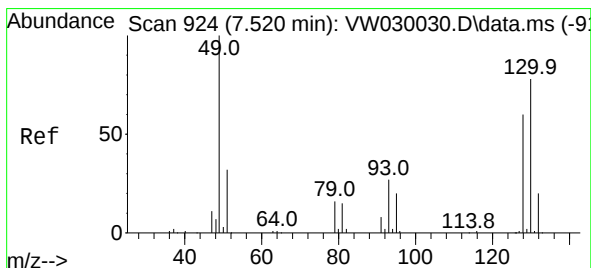
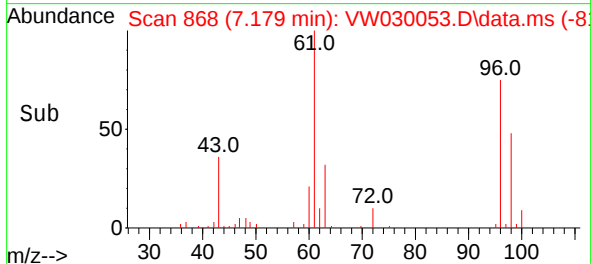
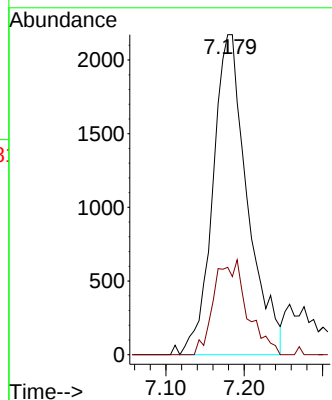
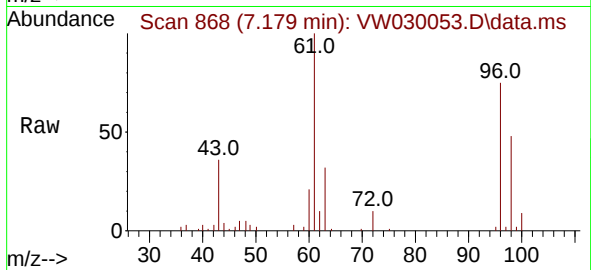




#22
2-Butanone
Concen: 30.062 ug/L
RT: 7.179 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW030053.D
Acq: 27 Aug 2024 18:45

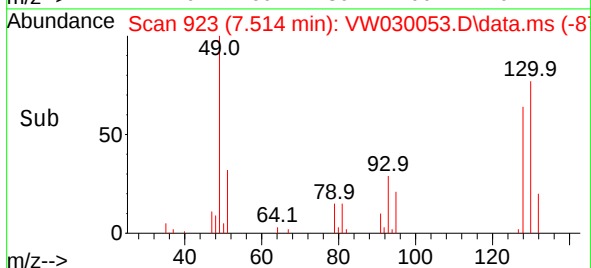
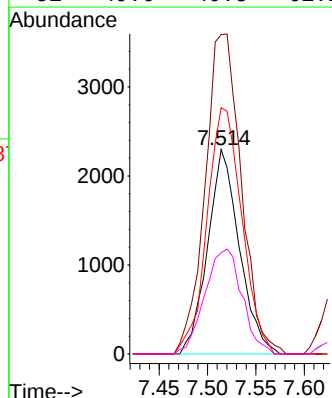
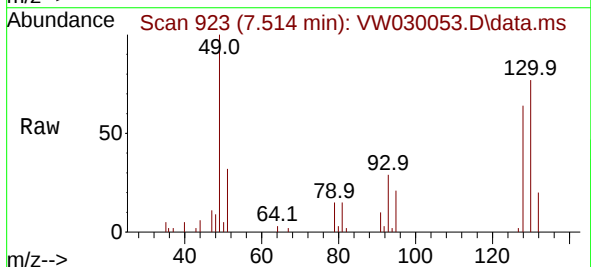
Instrument :
MSVOA_W
ClientSampleId :

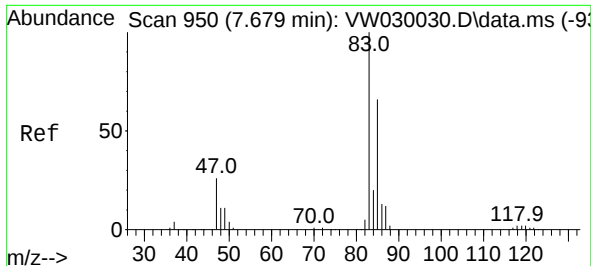
Tgt Ion: 43 Resp: 6672
Ion Ratio Lower Upper
43 100
72 16.6 15.0 45.1



#23
Bromochloromethane
Concen: 13.807 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW030053.D
Acq: 27 Aug 2024 18:45

Tgt Ion: 128 Resp: 5245
Ion Ratio Lower Upper
128 100
49 156.1 117.3 217.9
130 120.4 89.3 165.9
51 49.6 40.8 61.2





#25

Chloroform

Concen: 15.265 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW030053.D

Acq: 27 Aug 2024 18:45

Instrument :

MSVOA_W

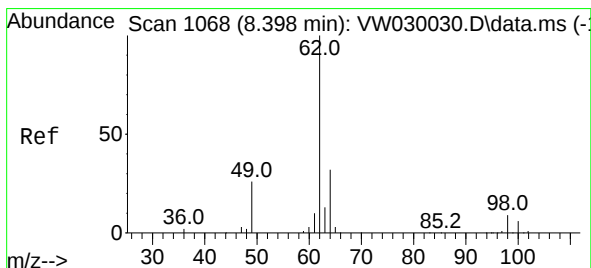
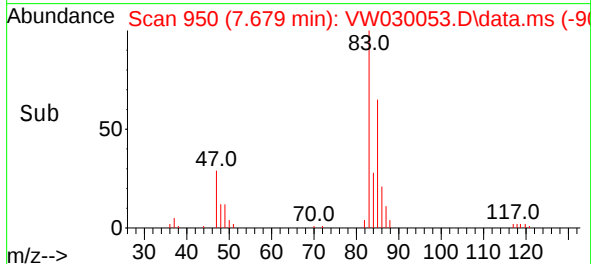
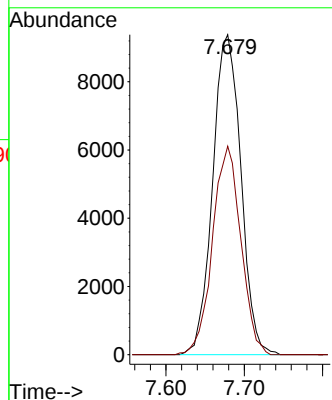
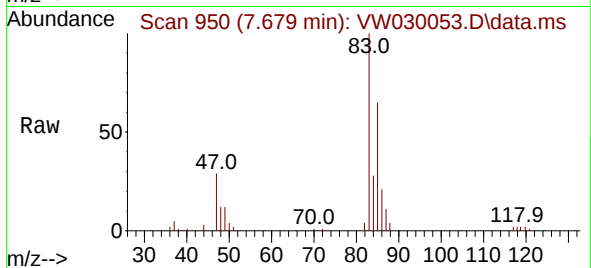
ClientSampleId :

Tgt Ion: 83 Resp: 23511

Ion Ratio Lower Upper

83 100

85 65.1 44.4 82.4



#27

1,2-Dichloroethane

Concen: 14.514 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW030053.D

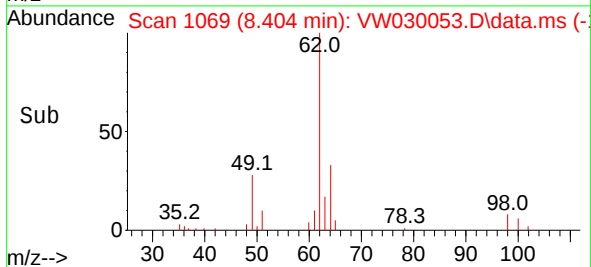
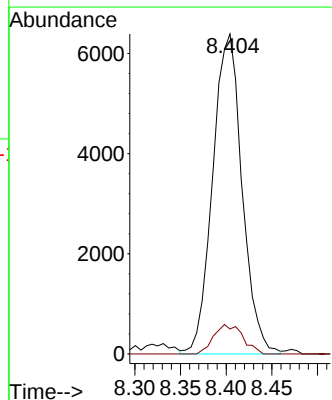
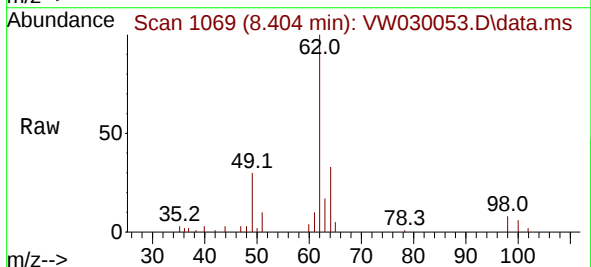
Acq: 27 Aug 2024 18:45

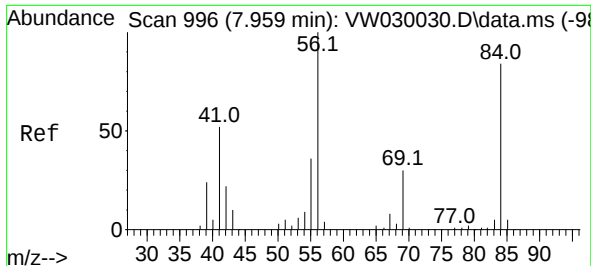
Tgt Ion: 62 Resp: 14310

Ion Ratio Lower Upper

62 100

98 7.8 7.7 11.5





#29

Cyclohexane

Concen: 21.833 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW030053.D

Acq: 27 Aug 2024 18:45

Instrument :

MSVOA_W

ClientSampleId :

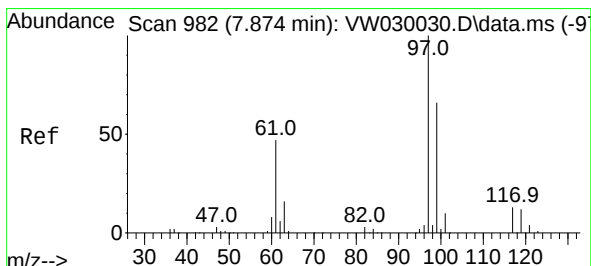
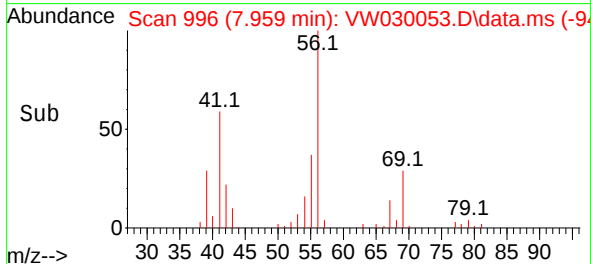
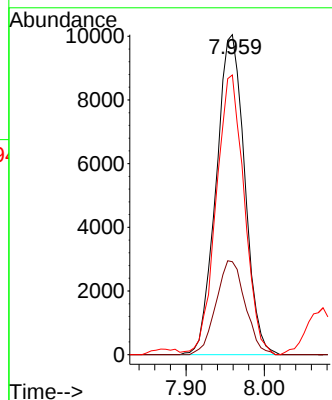
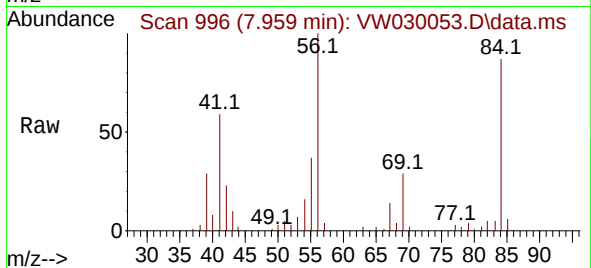
Tgt Ion: 56 Resp: 25418

Ion Ratio Lower Upper

56 100

69 29.9 24.4 36.6

84 86.2 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 20.580 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW030053.D

Acq: 27 Aug 2024 18:45

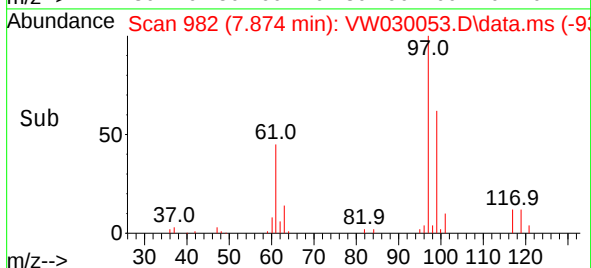
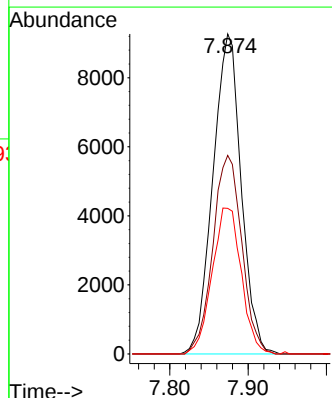
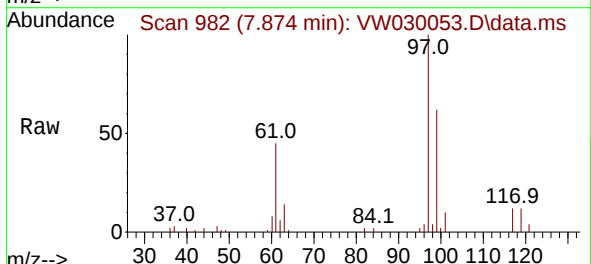
Tgt Ion: 97 Resp: 23241

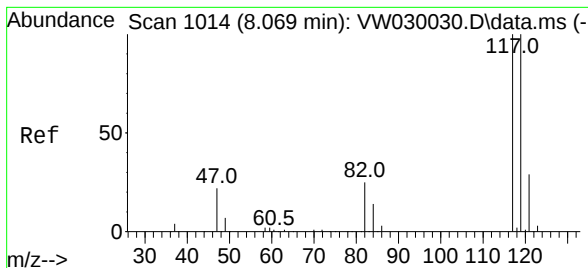
Ion Ratio Lower Upper

97 100

99 63.6 51.7 77.5

61 47.1 37.2 55.8





#31

Carbon tetrachloride

Concen: 20.319 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

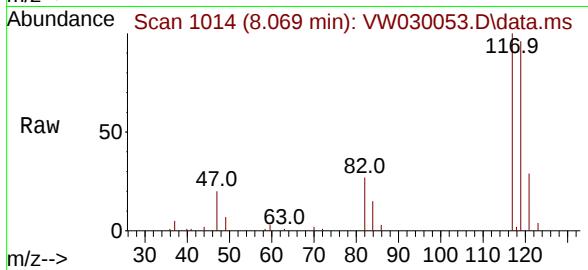
Lab File: VW030053.D

Acq: 27 Aug 2024 18:45

Instrument :

MSVOA_W

ClientSampleId :

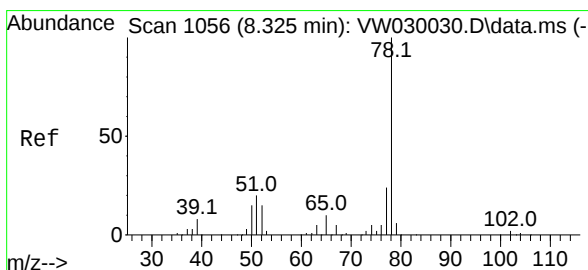
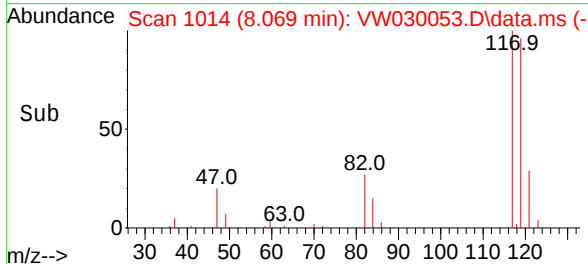
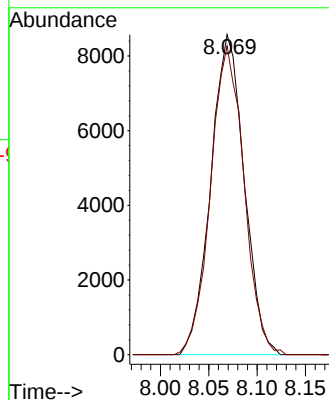


Tgt Ion:117 Resp: 20615

Ion Ratio Lower Upper

117 100

119 96.4 77.7 116.5



#33

Benzene

Concen: 17.212 ug/L

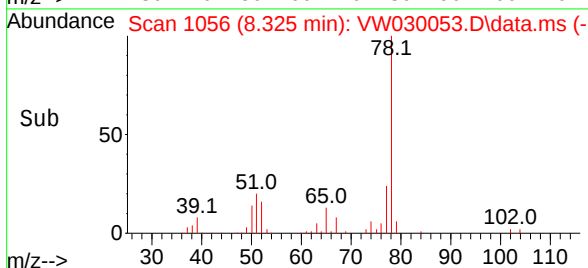
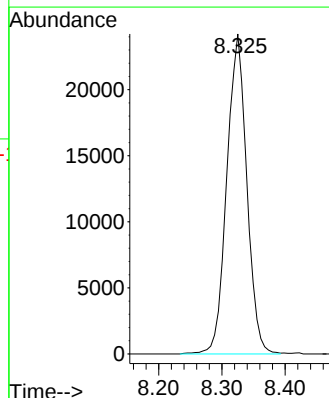
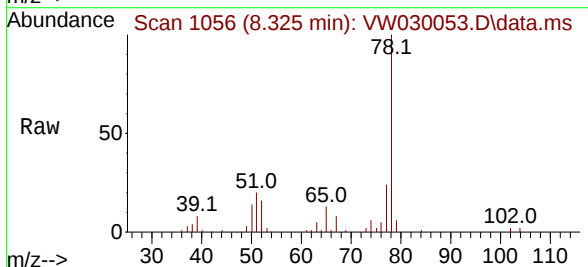
RT: 8.325 min Scan# 1056

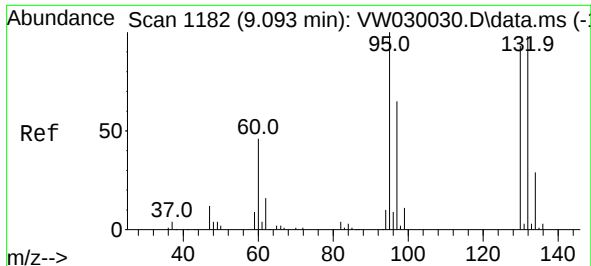
Delta R.T. -0.000 min

Lab File: VW030053.D

Acq: 27 Aug 2024 18:45

Tgt Ion: 78 Resp: 53168





#34

Trichloroethene

Concen: 16.623 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

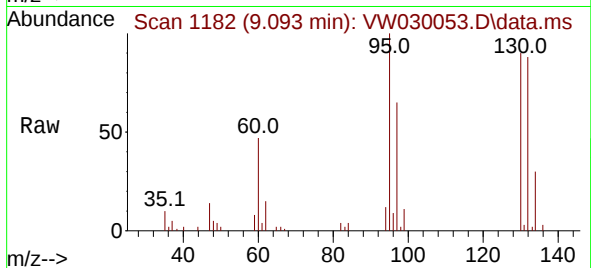
Lab File: VW030053.D

Acq: 27 Aug 2024 18:45

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 13827

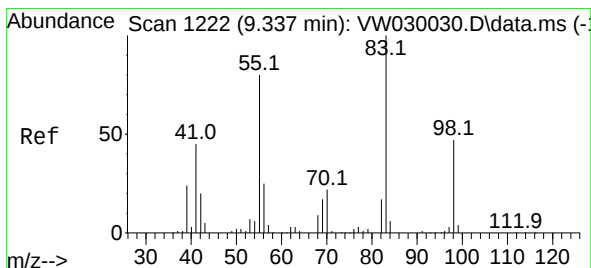
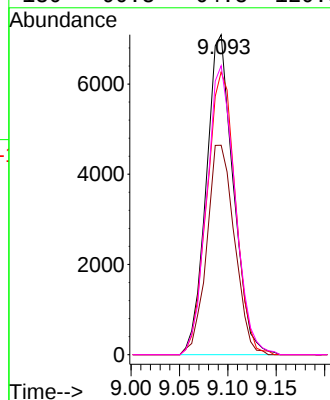
Ion Ratio Lower Upper

95 100

97 65.4 43.3 80.5

132 88.3 63.6 118.0

130 90.3 64.8 120.3



#35

Methylcyclohexane

Concen: 18.969 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW030053.D

Acq: 27 Aug 2024 18:45

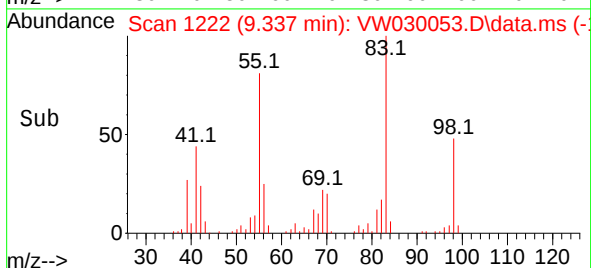
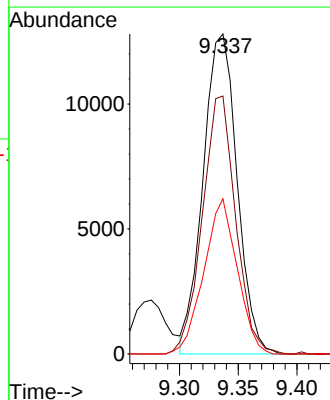
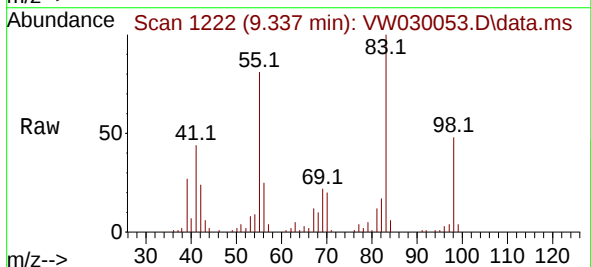
Tgt Ion: 83 Resp: 25842

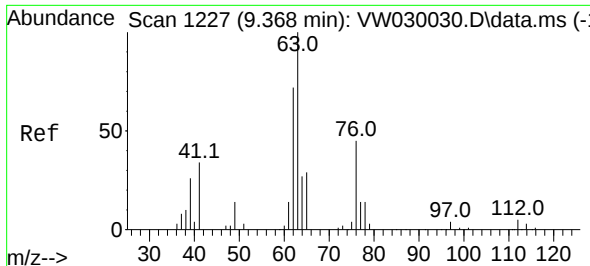
Ion Ratio Lower Upper

83 100

55 78.7 59.0 88.6

98 47.5 38.2 57.4





#37

1,2-Dichloropropane

Concen: 16.944 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030053.D

Acq: 27 Aug 2024 18:45

Instrument :

MSVOA_W

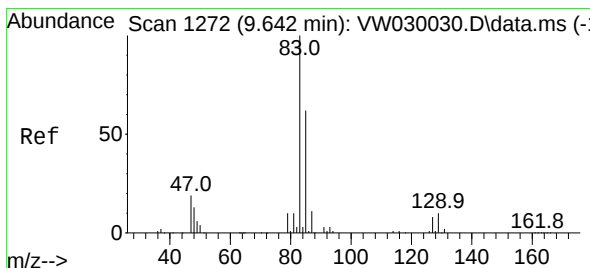
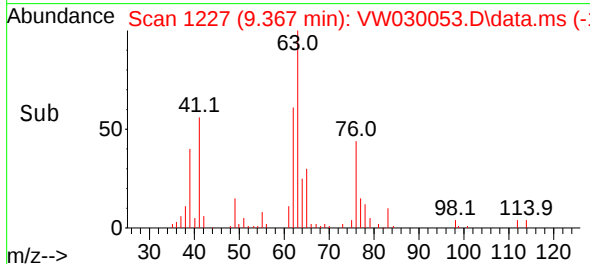
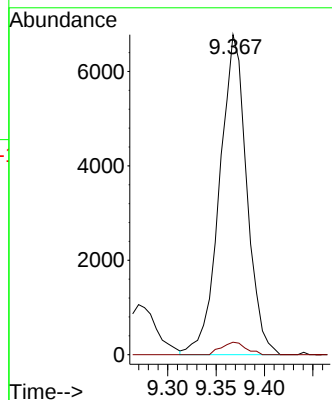
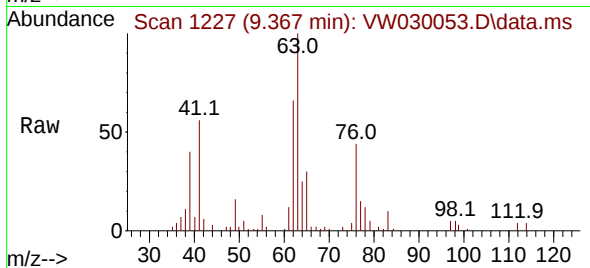
ClientSampleId :

Tgt Ion: 63 Resp: 13254

Ion Ratio Lower Upper

63 100

112 3.5 3.7 5.5#



#38

Bromodichloromethane

Concen: 15.438 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW030053.D

Acq: 27 Aug 2024 18:45

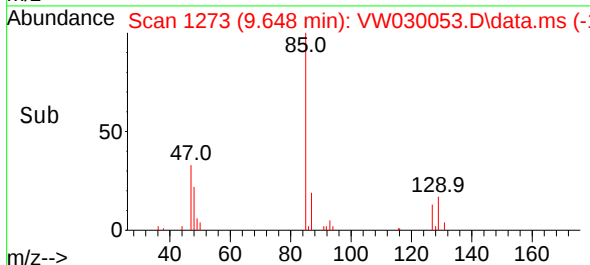
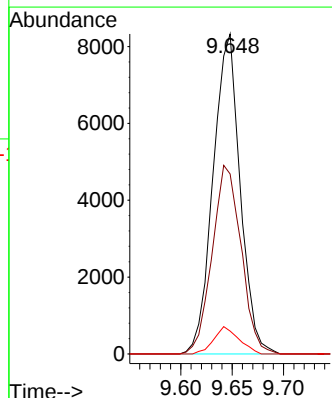
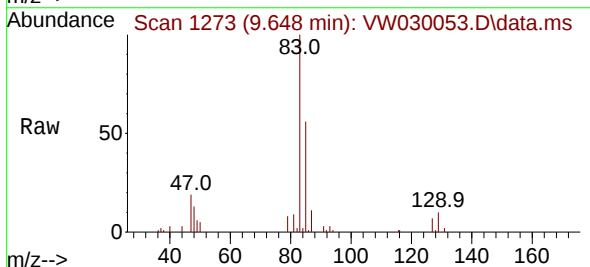
Tgt Ion: 83 Resp: 15237

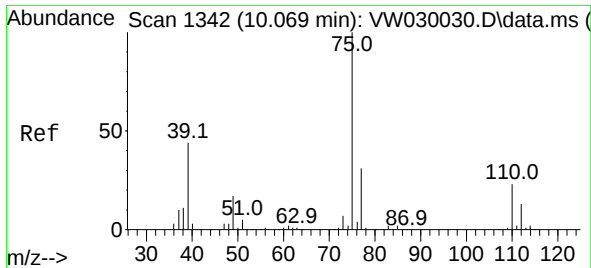
Ion Ratio Lower Upper

83 100

85 56.2 42.9 79.7

127 7.1 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 13.587 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW030053.D

Acq: 27 Aug 2024 18:45

Instrument :

MSVOA_W

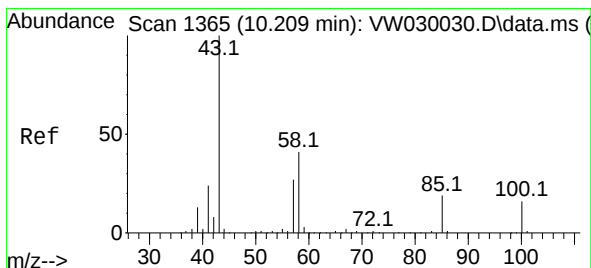
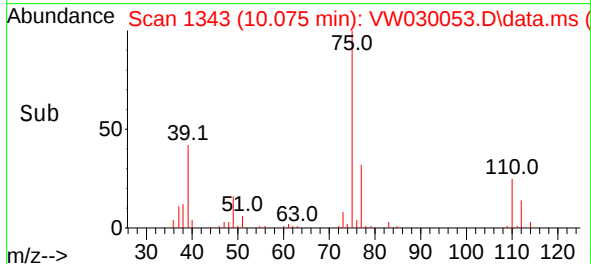
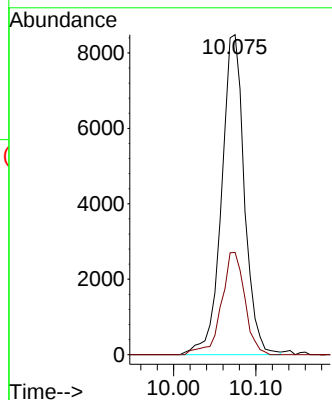
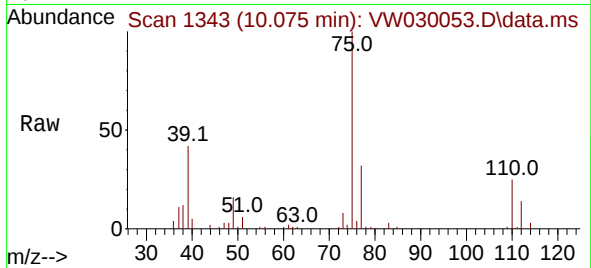
ClientSampleId :

Tgt Ion: 75 Resp: 16359

Ion Ratio Lower Upper

75 100

77 32.0 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 37.338 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030053.D

Acq: 27 Aug 2024 18:45

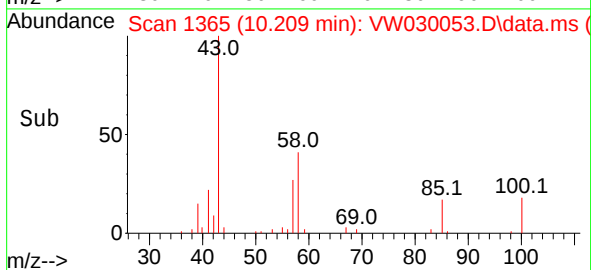
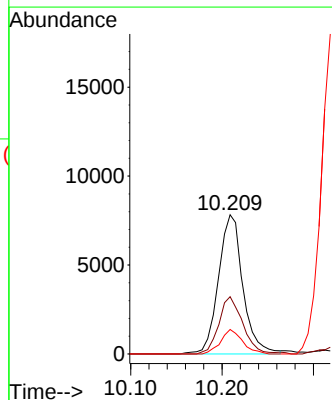
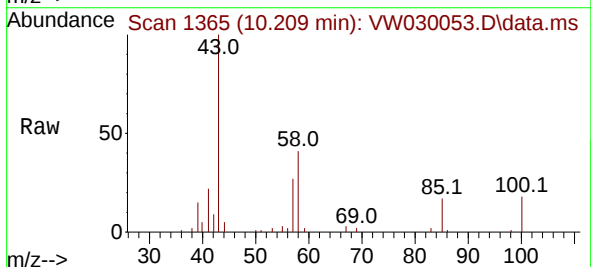
Tgt Ion: 43 Resp: 14539

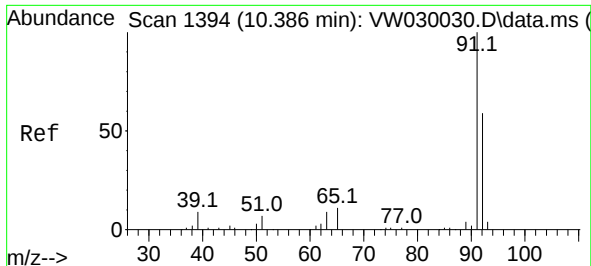
Ion Ratio Lower Upper

43 100

58 40.1 34.0 51.0

100 15.7 13.5 20.3





#42

Toluene

Concen: 15.912 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW030053.D

Acq: 27 Aug 2024 18:45

Instrument :

MSVOA_W

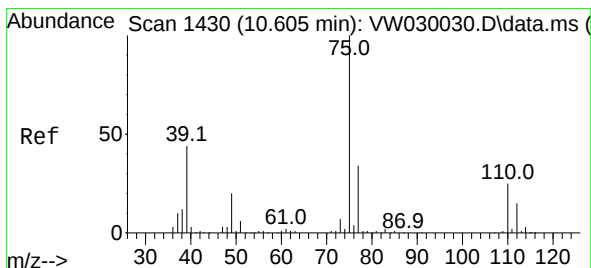
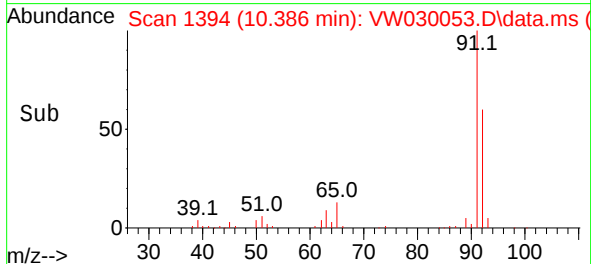
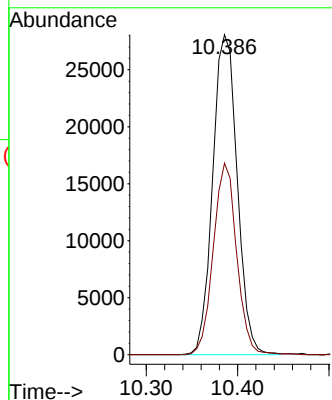
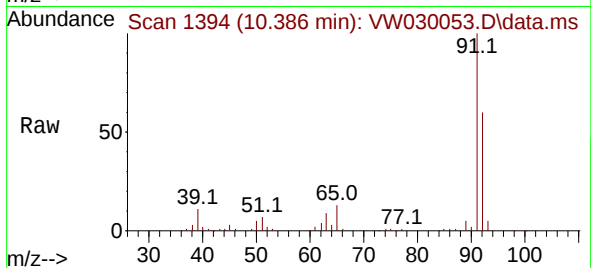
ClientSampleId :

Tgt Ion: 91 Resp: 52346

Ion Ratio Lower Upper

91 100

92 59.9 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 13.323 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030053.D

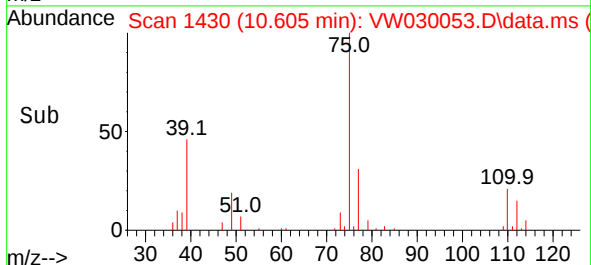
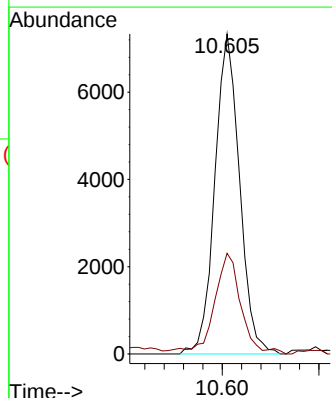
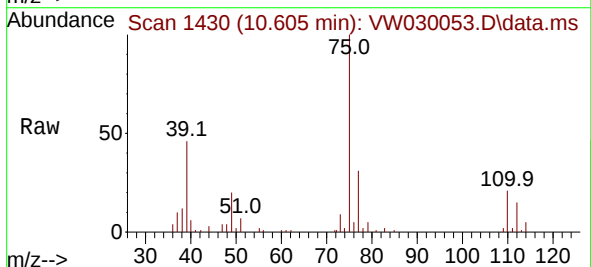
Acq: 27 Aug 2024 18:45

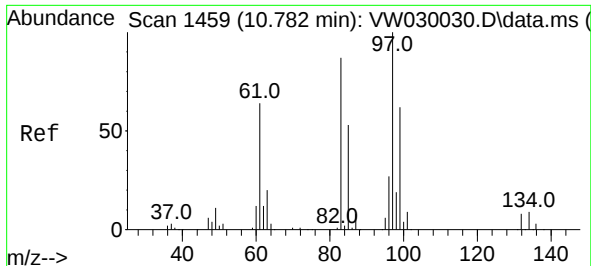
Tgt Ion: 75 Resp: 12980

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 15.786 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW030053.D

Acq: 27 Aug 2024 18:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 9051

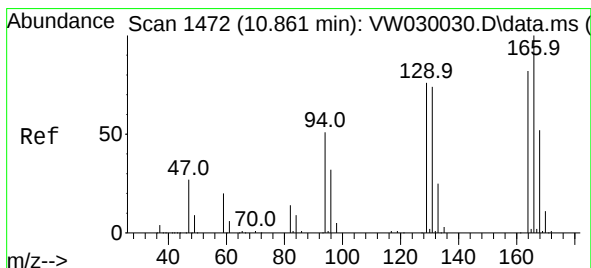
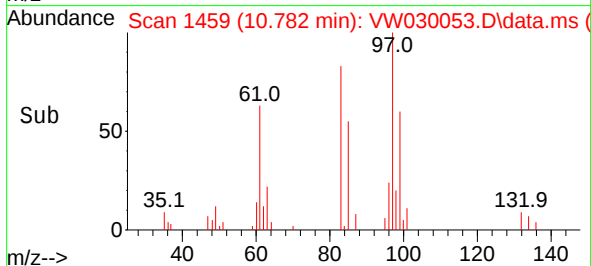
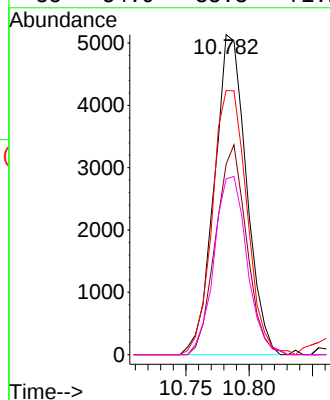
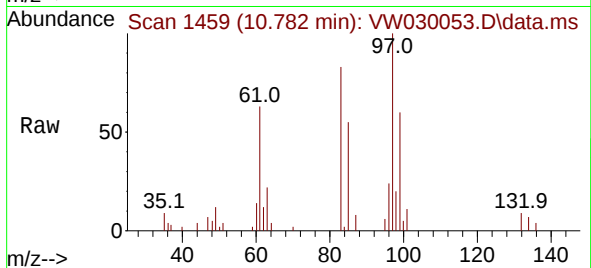
Ion Ratio Lower Upper

97 100

99 59.5 40.3 74.8

83 82.5 58.0 107.6

85 54.9 38.3 71.1



#46

Tetrachloroethene

Concen: 17.070 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW030053.D

Acq: 27 Aug 2024 18:45

Tgt Ion: 164 Resp: 10777

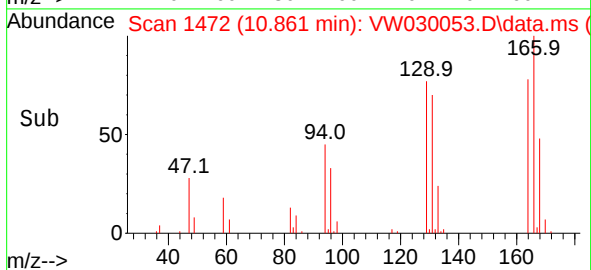
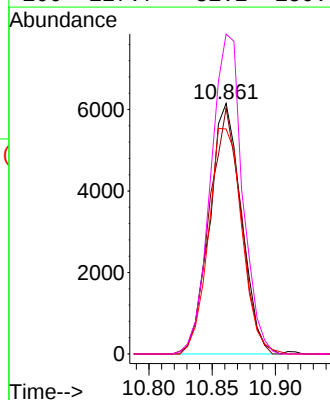
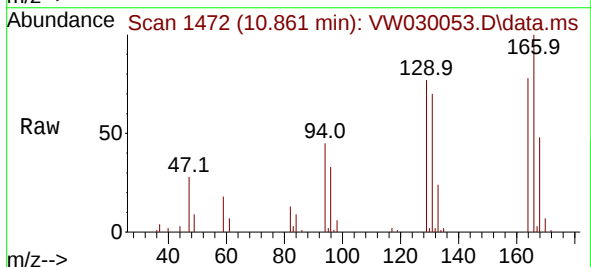
Ion Ratio Lower Upper

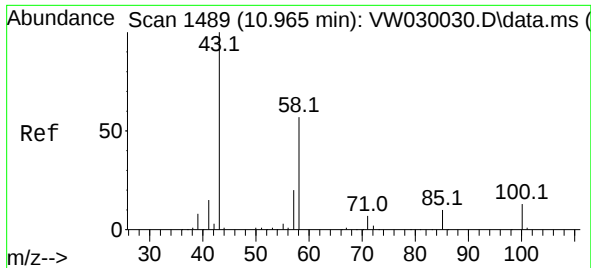
164 100

129 98.2 66.1 122.7

131 89.8 62.6 116.2

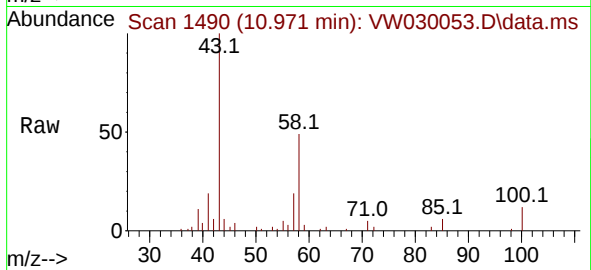
166 127.7 81.2 150.8



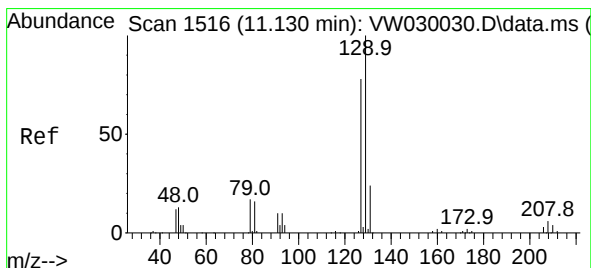
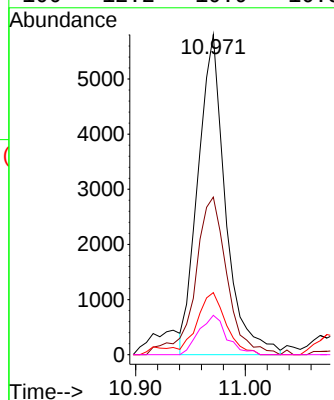
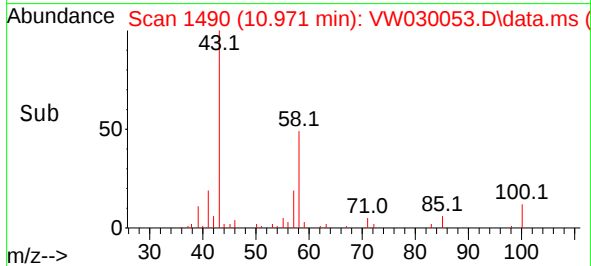


#48
2-Hexanone
Concen: 36.534 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW030053.D
Acq: 27 Aug 2024 18:45

Instrument :
MSVOA_W
ClientSampleId :

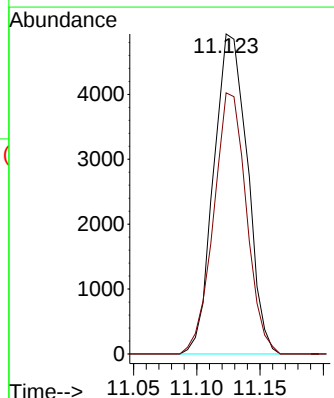
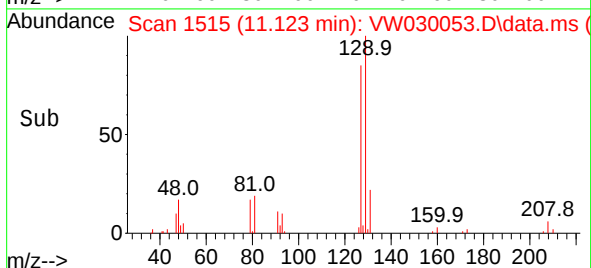
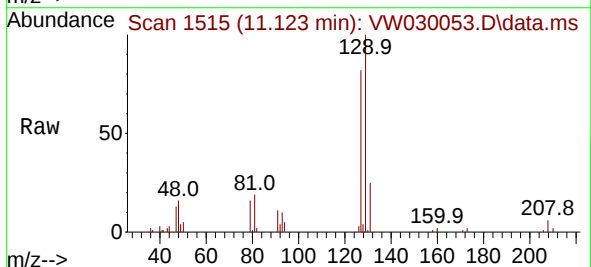


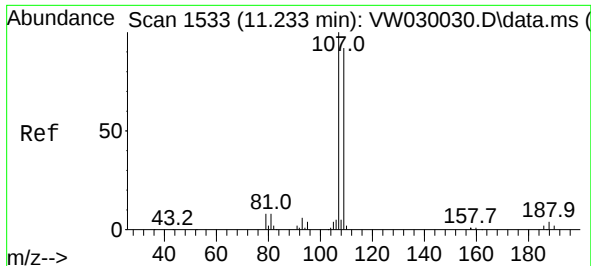
Tgt Ion: 43	Resp: 10113
Ion Ratio	Lower Upper
43 100	
58 57.0	50.0 75.0
57 20.2	17.3 25.9
100 12.2	10.9 16.3



#49
Dibromochloromethane
Concen: 14.981 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW030053.D
Acq: 27 Aug 2024 18:45

Tgt Ion:129	Resp:	9126	
Ion	Ratio	Lower	Upper
129	100		
127	81.6	51.8	96.2





#50

1,2-Dibromoethane

Concen: 15.453 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

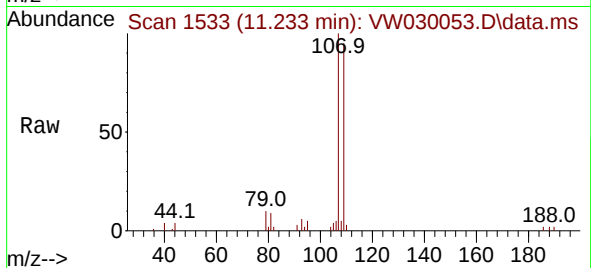
Lab File: VW030053.D

Acq: 27 Aug 2024 18:45

Instrument :

MSVOA_W

ClientSampleId :



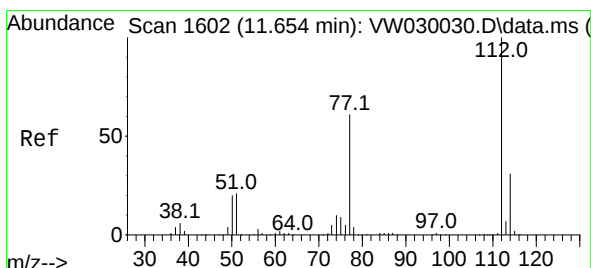
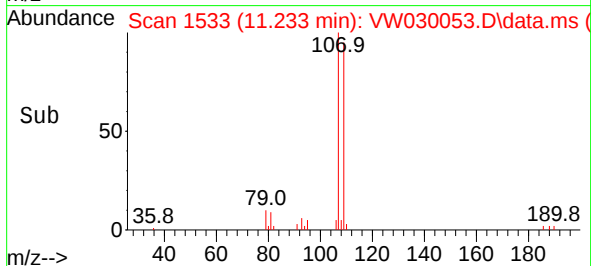
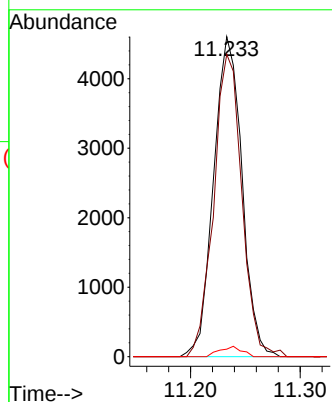
Tgt Ion:107 Resp: 8276

Ion Ratio Lower Upper

107 100

109 94.5 61.7 114.5

188 2.3 3.1 4.7#



#51

Chlorobenzene

Concen: 14.194 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW030053.D

Acq: 27 Aug 2024 18:45

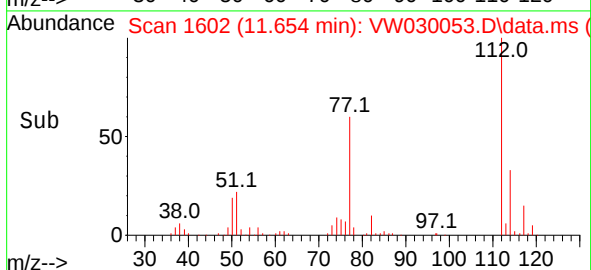
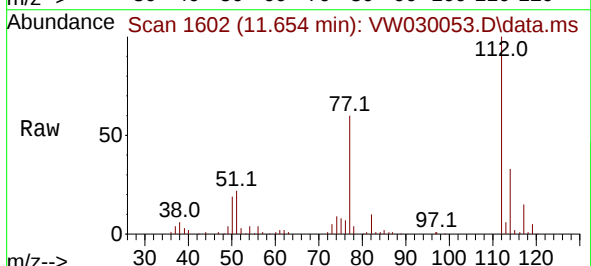
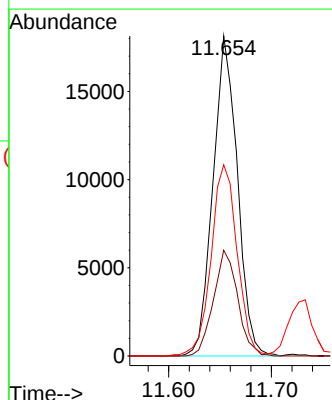
Tgt Ion:112 Resp: 29855

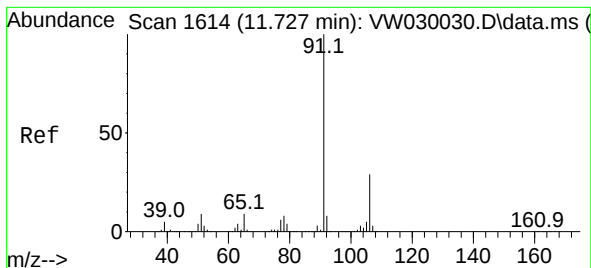
Ion Ratio Lower Upper

112 100

114 33.1 20.9 38.9

77 59.8 47.1 70.7





#52

Ethylbenzene

Concen: 15.191 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030053.D

Acq: 27 Aug 2024 18:45

Instrument :

MSVOA_W

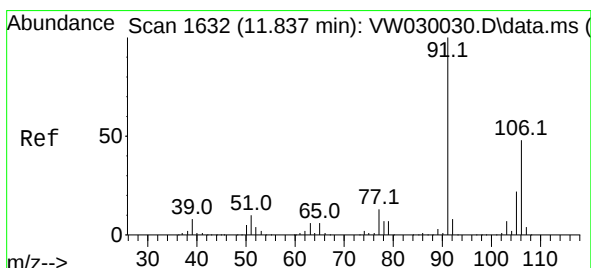
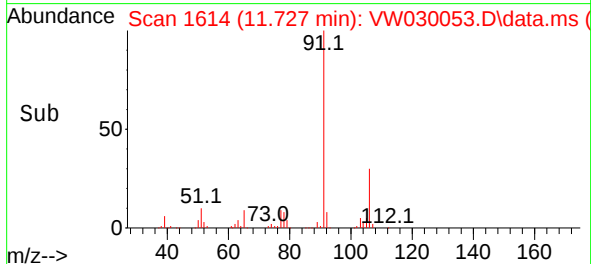
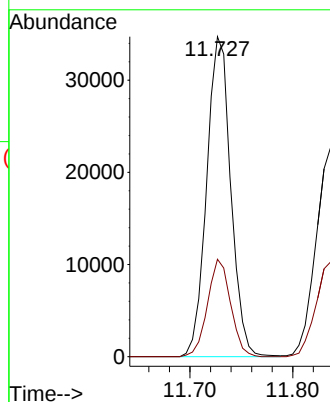
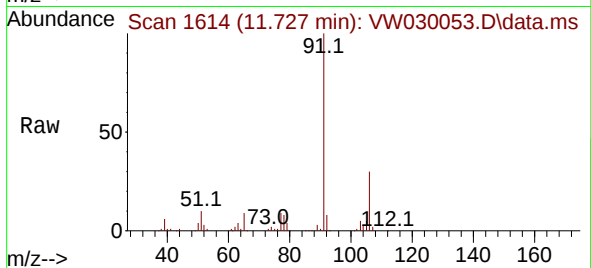
ClientSampleId :

Tgt Ion: 91 Resp: 56623

Ion Ratio Lower Upper

91 100

106 30.4 22.0 41.0



#53

m,p-Xylene

Concen: 14.606 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW030053.D

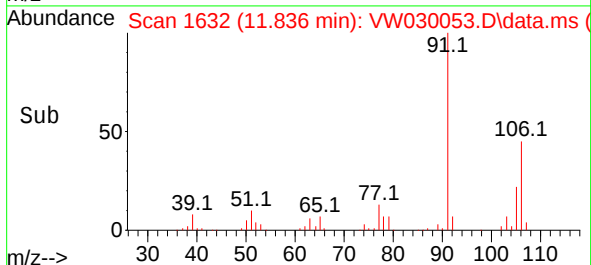
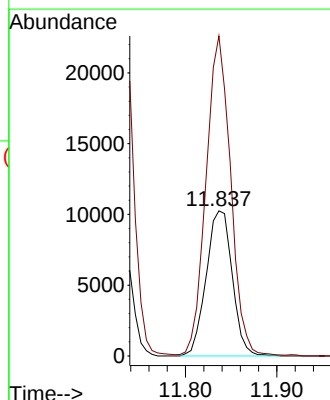
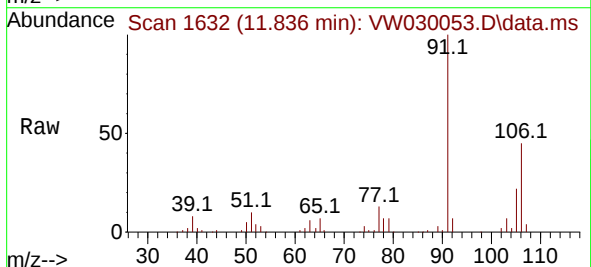
Acq: 27 Aug 2024 18:45

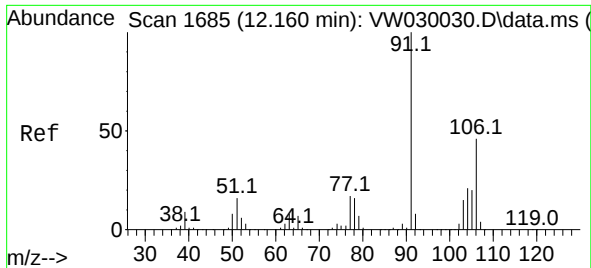
Tgt Ion:106 Resp: 20317

Ion Ratio Lower Upper

106 100

91 220.6 146.7 272.4

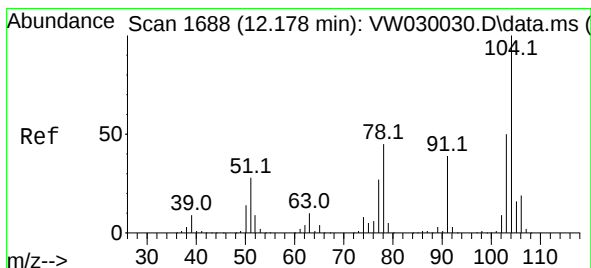
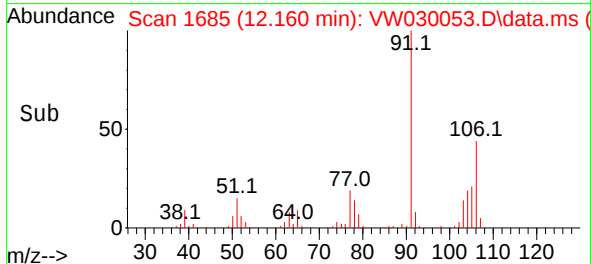
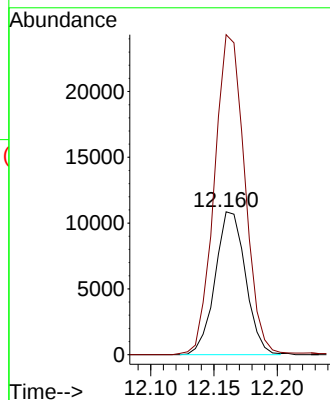
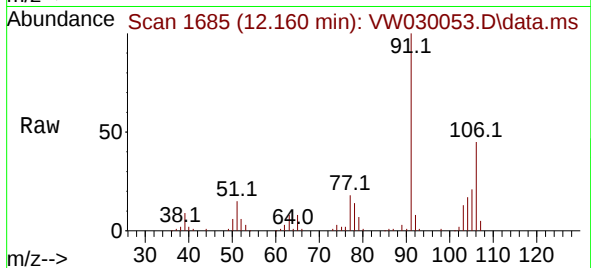




#54
o-Xylene
Concen: 13.569 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW030053.D
Acq: 27 Aug 2024 18:45

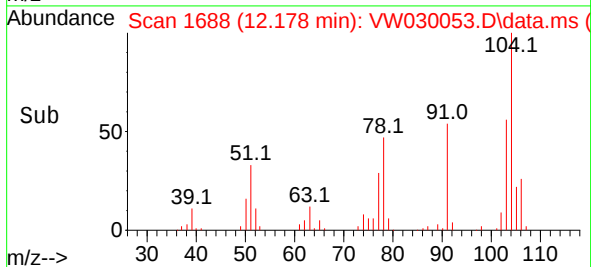
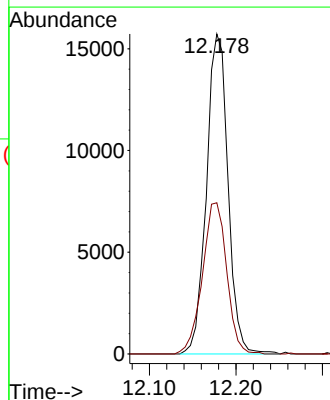
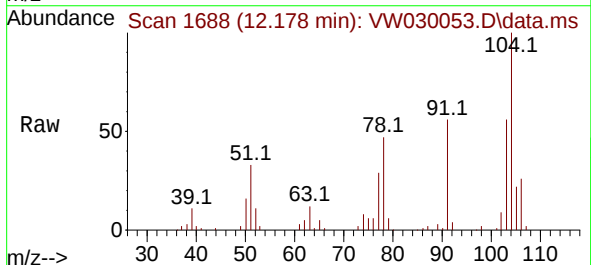
Instrument :
MSVOA_W
ClientSampleId :

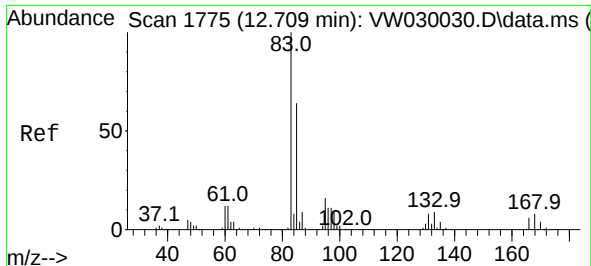
Tgt Ion:106 Resp: 18116
Ion Ratio Lower Upper
106 100
91 224.0 153.9 285.7



#55
Styrene
Concen: 12.151 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW030053.D
Acq: 27 Aug 2024 18:45

Tgt Ion:104 Resp: 27181
Ion Ratio Lower Upper
104 100
78 47.2 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 17.005 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VW030053.D

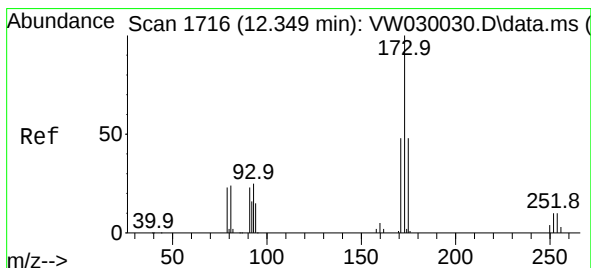
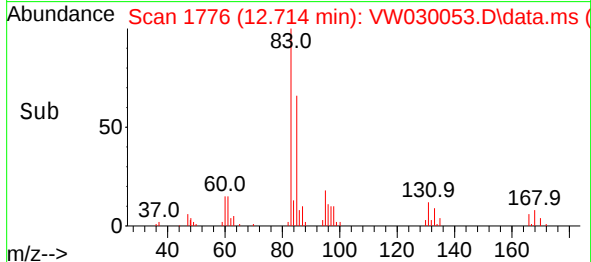
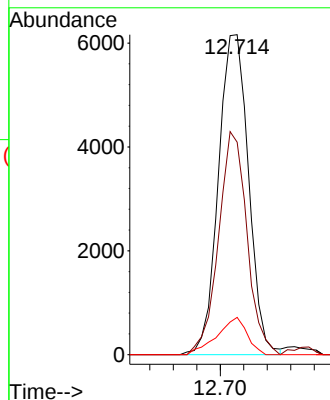
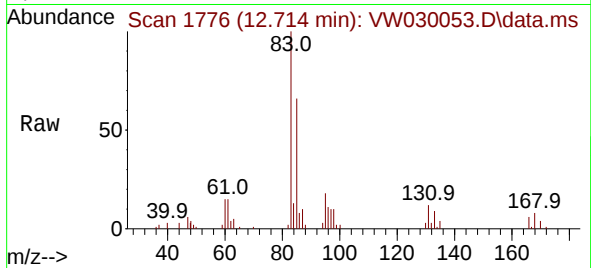
Acq: 27 Aug 2024 18:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 10979
Ion Ratio	Lower Upper
83 100	
85 66.4	44.0 81.8
131 11.7	7.3 10.9#



#59

Bromoform

Concen: 16.543 ug/L

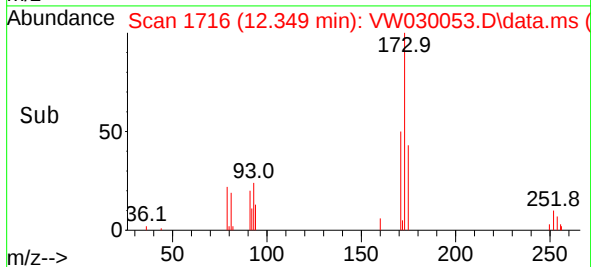
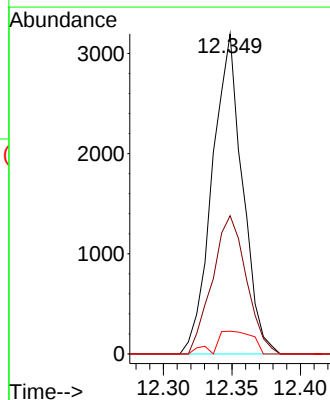
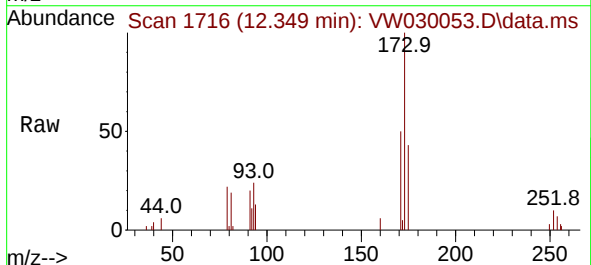
RT: 12.349 min Scan# 1716

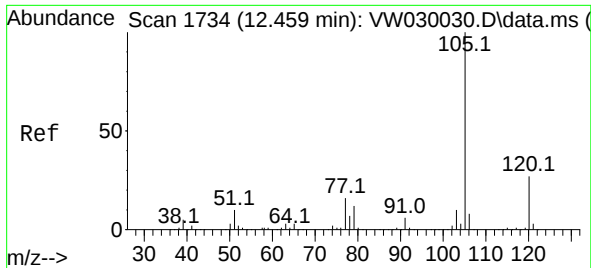
Delta R.T. -0.000 min

Lab File: VW030053.D

Acq: 27 Aug 2024 18:45

Tgt Ion: 173	Resp: 4905
Ion Ratio	Lower Upper
173 100	
175 48.6	41.4 62.2
254 7.7	8.6 13.0#

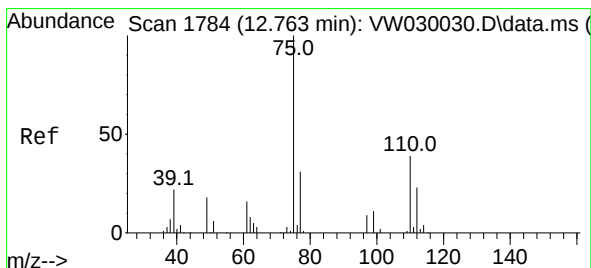
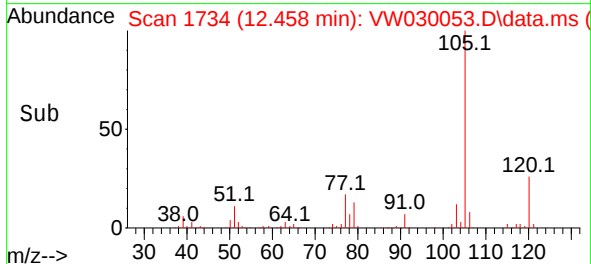
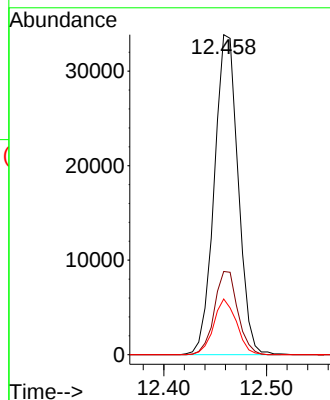
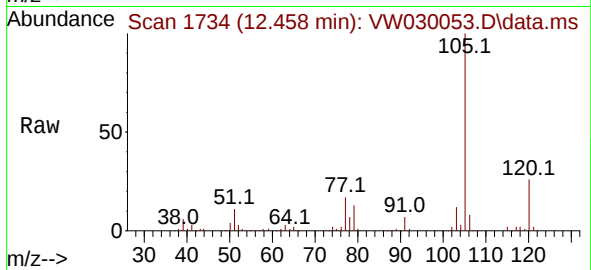




#60
Isopropylbenzene
Concen: 17.159 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW030053.D
Acq: 27 Aug 2024 18:45

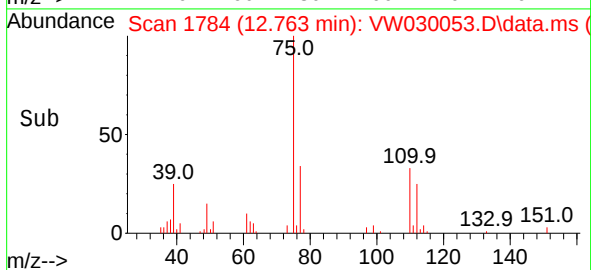
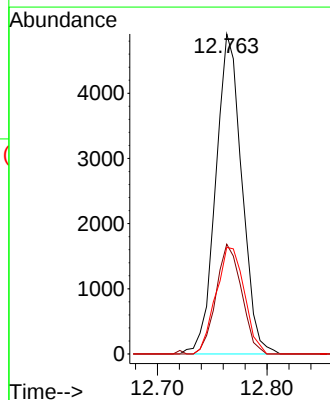
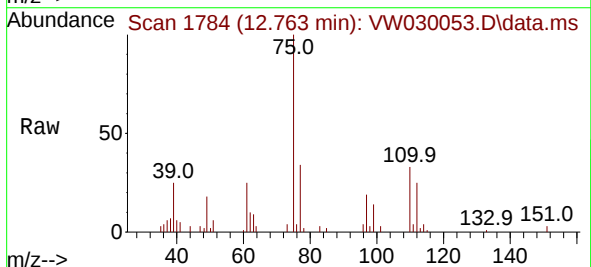
Instrument :
MSVOA_W
ClientSampleId :

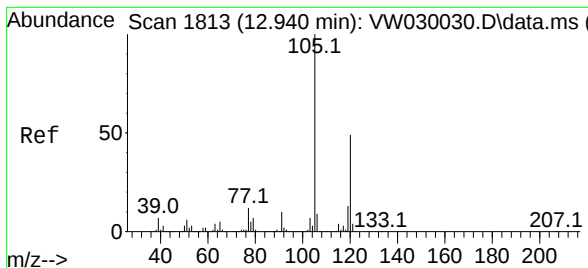
Tgt Ion:105 Resp: 54504
Ion Ratio Lower Upper
105 100
120 25.5 20.6 30.8
77 16.7 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 20.065 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW030053.D
Acq: 27 Aug 2024 18:45

Tgt Ion: 75 Resp: 8123
Ion Ratio Lower Upper
75 100
77 33.5 26.0 39.0
110 36.2 31.0 46.4

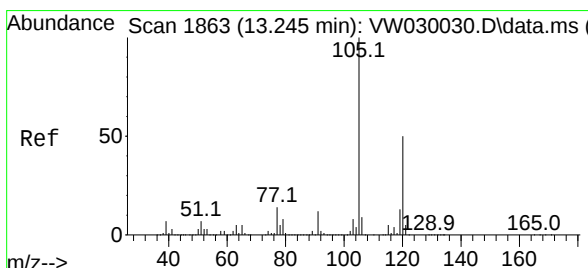
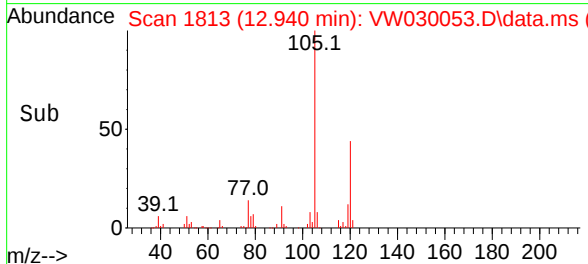
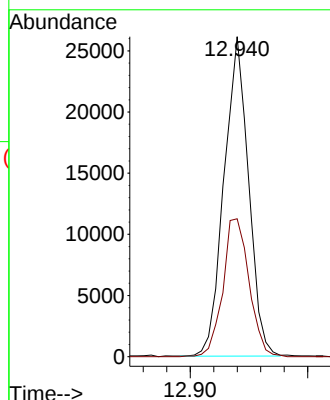
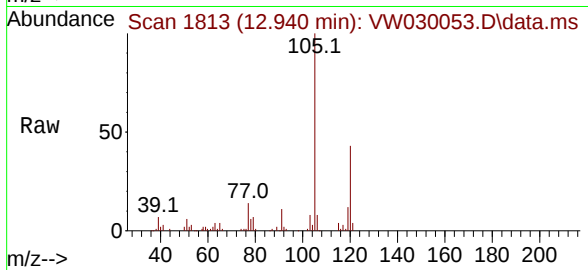




#62
1,3,5-Trimethylbenzene
Concen: 16.003 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW030053.D
Acq: 27 Aug 2024 18:45

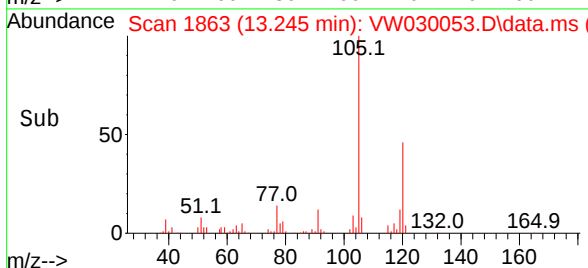
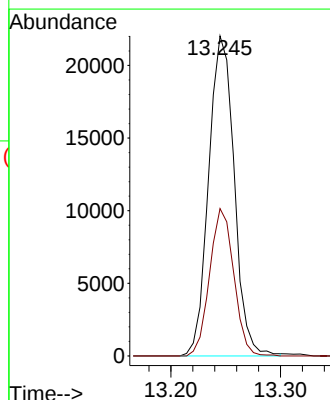
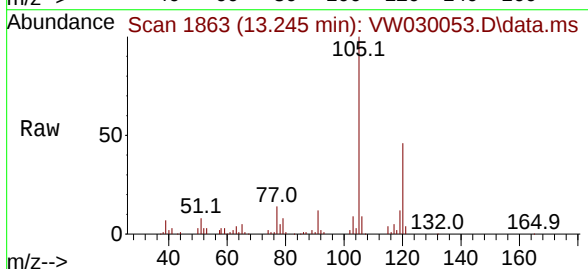
Instrument :
MSVOA_W
ClientSampleId :

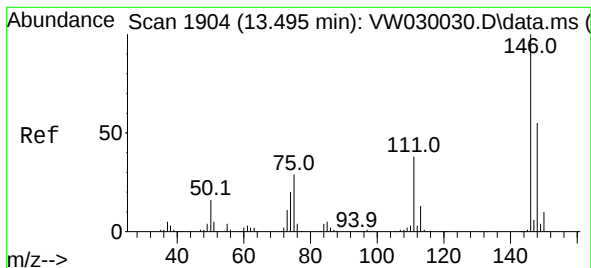
Tgt Ion:105 Resp: 37797
Ion Ratio Lower Upper
105 100
120 46.3 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 14.357 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW030053.D
Acq: 27 Aug 2024 18:45

Tgt Ion:105 Resp: 35742
Ion Ratio Lower Upper
105 100
120 43.4 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 14.762 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW030053.D

Acq: 27 Aug 2024 18:45

Instrument :

MSVOA_W

ClientSampleId :

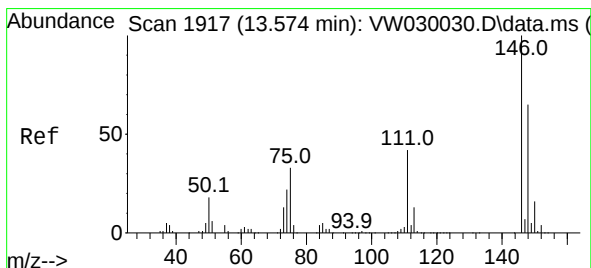
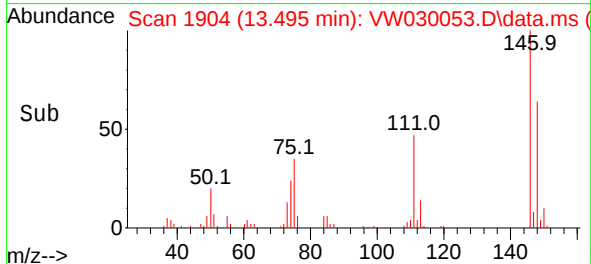
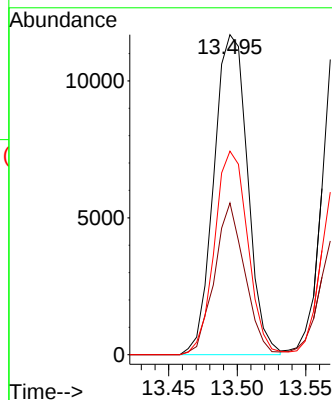
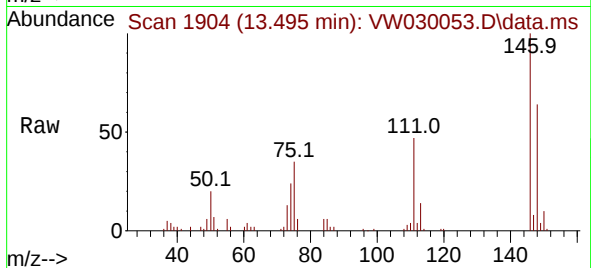
Tgt Ion:146 Resp: 19990

Ion Ratio Lower Upper

146 100

111 47.4 29.1 54.1

148 63.6 43.9 81.5



#65

1,4-Dichlorobenzene

Concen: 13.948 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW030053.D

Acq: 27 Aug 2024 18:45

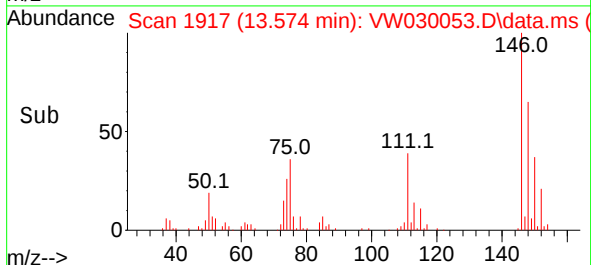
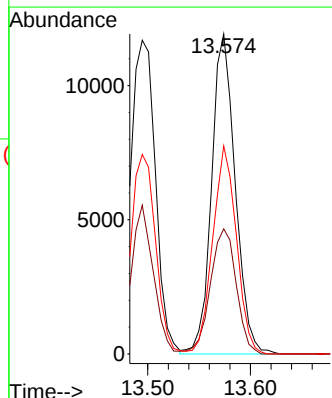
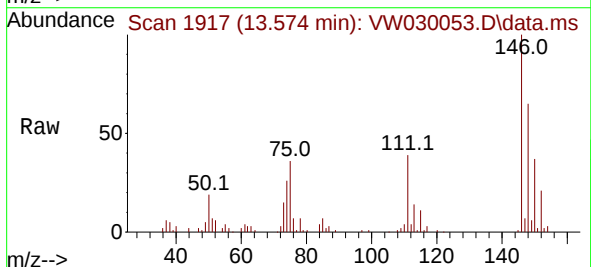
Tgt Ion:146 Resp: 19080

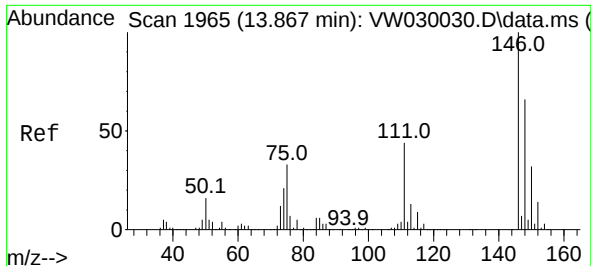
Ion Ratio Lower Upper

146 100

111 39.1 28.2 52.4

148 65.0 45.8 85.2

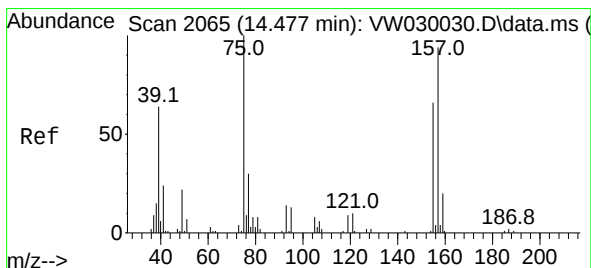
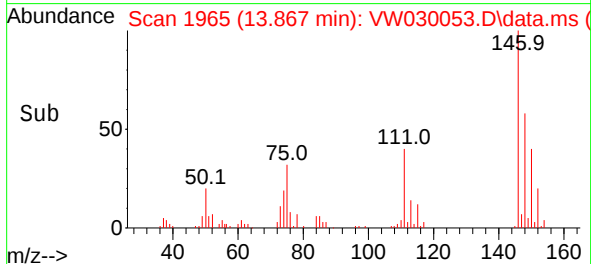
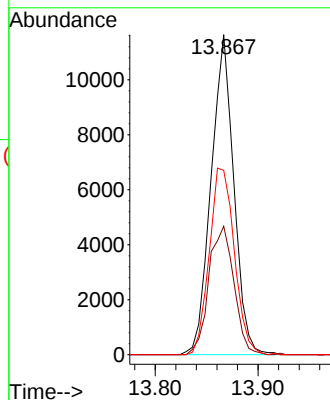
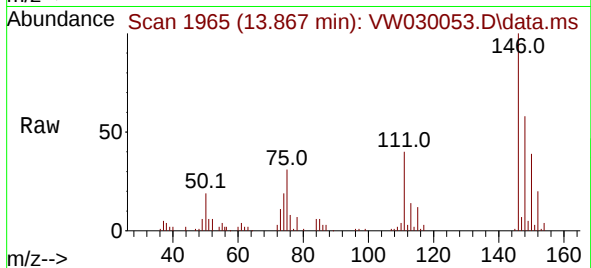




#67
1,2-Dichlorobenzene
Concen: 14.748 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW030053.D
Acq: 27 Aug 2024 18:45

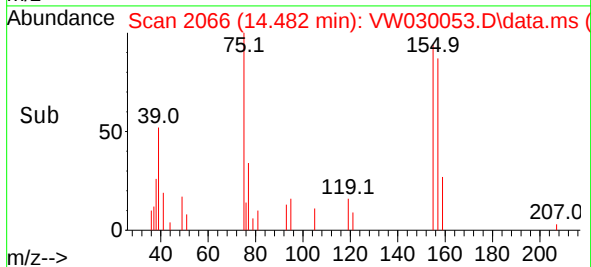
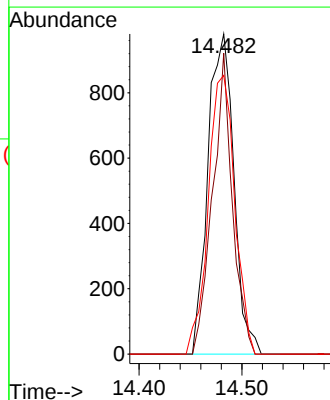
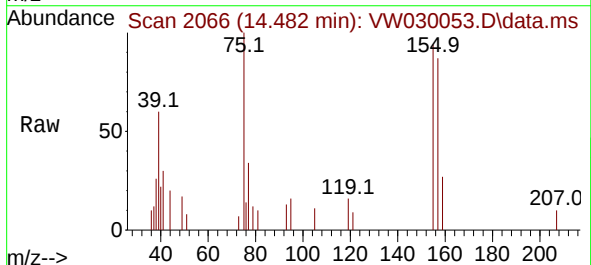
Instrument :
MSVOA_W
ClientSampleId :

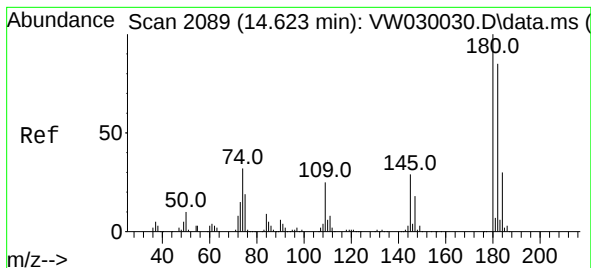
Tgt Ion:146 Resp: 17865
Ion Ratio Lower Upper
146 100
111 40.1 34.7 52.1
148 57.6 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 19.768 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW030053.D
Acq: 27 Aug 2024 18:45

Tgt Ion: 75 Resp: 1713
Ion Ratio Lower Upper
75 100
155 94.0 62.8 94.2
157 87.0 84.3 126.5





#69

1,3,5-Trichlorobenzene

Concen: 11.768 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

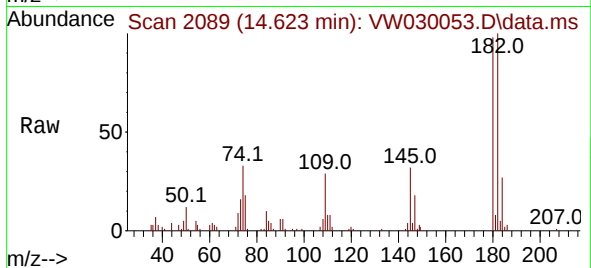
Lab File: VW030053.D

Acq: 27 Aug 2024 18:45

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 10404

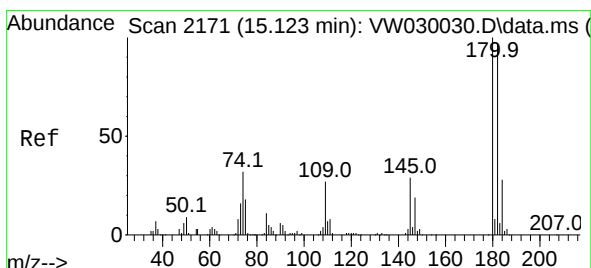
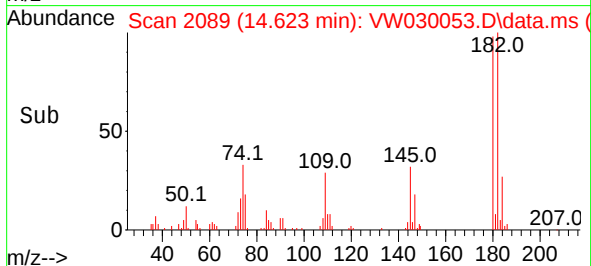
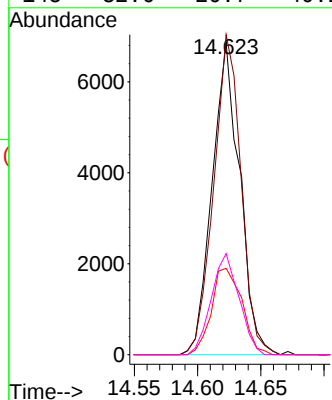
Ion Ratio Lower Upper

180 100

182 101.0 79.7 119.5

184 30.6 25.1 37.7

145 32.6 26.7 40.1



#70

1,2,4-trichlorobenzene

Concen: 10.550 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW030053.D

Acq: 27 Aug 2024 18:45

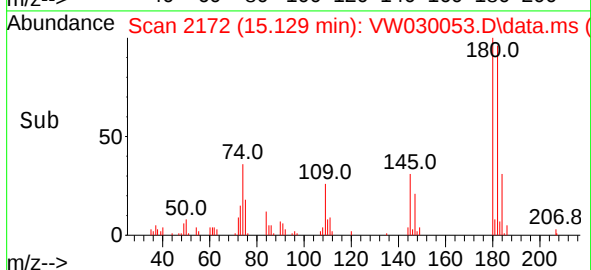
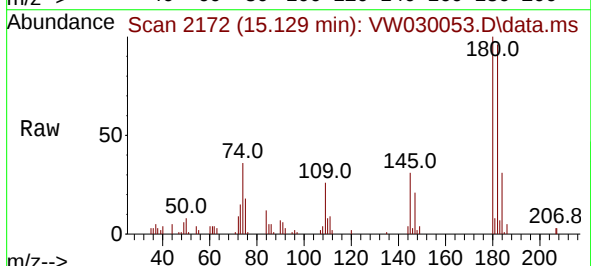
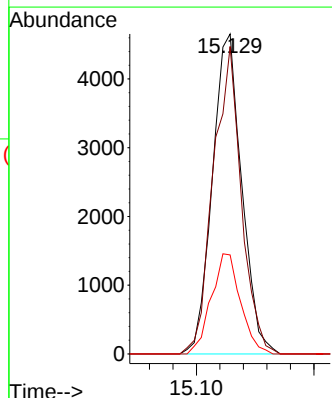
Tgt Ion:180 Resp: 8073

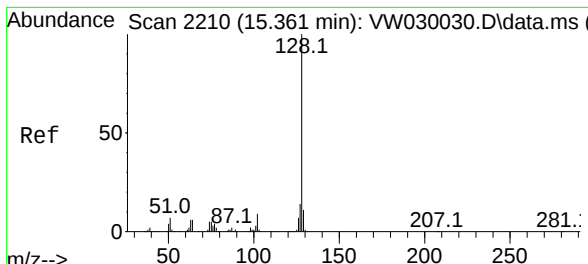
Ion Ratio Lower Upper

180 100

182 91.7 75.3 112.9

145 31.2 24.7 37.1

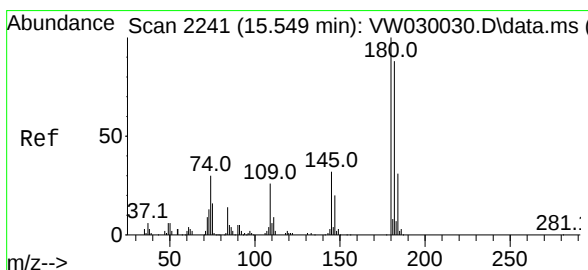
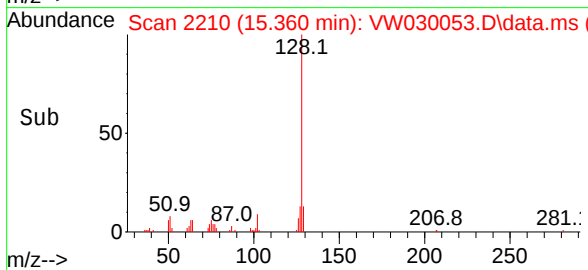
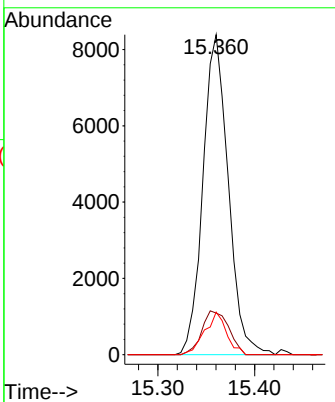
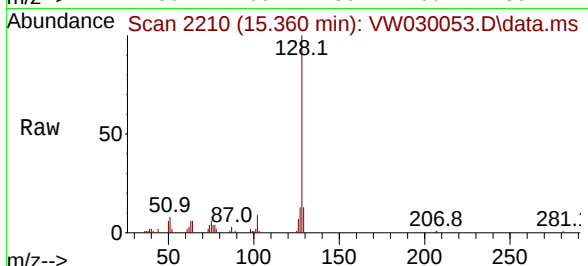




#71
Naphthalene
Concen: 10.447 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW030053.D
Acq: 27 Aug 2024 18:45

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	15264
Ion Ratio	Lower	Upper	
128	100		
127	14.5	10.6	15.8
129	11.4	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 10.113 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW030053.D
Acq: 27 Aug 2024 18:45

Tgt Ion:	180	Resp:	6792
Ion Ratio	Lower	Upper	
180	100		
182	103.8	77.2	115.8
145	36.3	26.5	39.7

