

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
 Data File : VW030065.D
 Acq On : 28 Aug 2024 01:11
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 28 02:46:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 28 02:43:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	173232	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	169672	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	82283	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	54331	21.075	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.320%
7) Chloroethane-d5	2.899	69	39946	21.833	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.320%
11) 1,1-Dichloroethene-d2	4.015	65	23649	21.472	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.880%
21) 2-Butanone-d5	7.088	46	30783	59.902	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.800%
24) Chloroform-d	7.648	84	109968	23.540	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.160%
26) 1,2-Dichloroethane-d4	8.307	65	60581	25.539	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.160%
32) Benzene-d6	8.276	84	217317	21.699	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	9.270	67	70061	23.877	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.520%
41) Toluene-d8	10.325	98	189577	20.797	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	10.575	79	26297	21.787	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.160%
47) 2-Hexanone-d5	10.922	63	25281	56.294	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.580%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	57606	26.665	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.640%
66) 1,2-Dichlorobenzene-d4	13.849	152	62276	20.925	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.680%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.015	85	43013	21.589	ug/L	96
3) Chloromethane	2.223	50	57437	24.798	ug/L	97
5) Vinyl chloride	2.375	62	59238	21.638	ug/L	96
6) Bromomethane	2.789	94	38299	22.512	ug/L	99
8) Chloroethane	2.936	64	36283	23.000	ug/L	96
9) Trichlorofluoromethane	3.265	101	50705	21.388	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	50272	22.165	ug/L	95
12) 1,1-Dichloroethene	4.039	96	48514	21.848	ug/L	88
13) Acetone	4.155	43	19560	41.615	ug/L	97
14) Carbon disulfide	4.393	76	164172	23.833	ug/L	98
15) Methyl Acetate	4.686	43	25461	27.784	ug/L	97
16) Methylene chloride	4.917	84	62142	21.715	ug/L	92
17) trans-1,2-Dichloroethene	5.429	96	55125	22.448	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	86102	22.926	ug/L	98
19) 1,1-Dichloroethane	6.216	63	111508	24.436	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	60386	22.248	ug/L	89
22) 2-Butanone	7.185	43	31315	46.559	ug/L	95
23) Bromochloromethane	7.520	128	26728	23.217	ug/L	91
25) Chloroform	7.673	83	111386	23.863	ug/L	100

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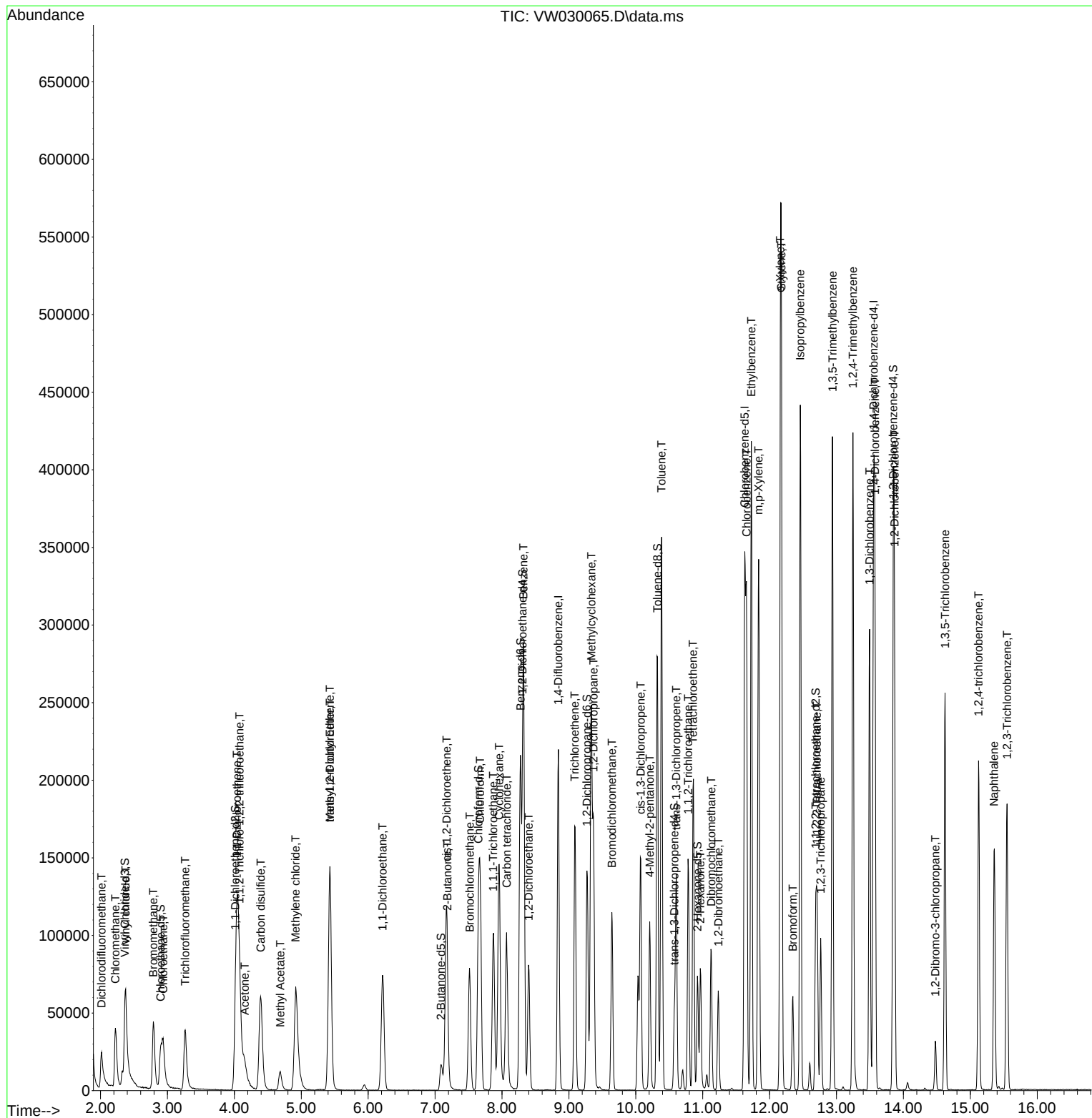
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	74721	25.009	ug/L	97
29) Cyclohexane	7.959	56	88528	21.608	ug/L	94
30) 1,1,1-Trichloroethane	7.868	97	83829	21.094	ug/L	99
31) Carbon tetrachloride	8.069	117	73778	20.664	ug/L	99
33) Benzene	8.319	78	243771	22.424	ug/L	100
34) Trichloroethene	9.087	95	61187	20.903	ug/L	94
35) Methylcyclohexane	9.337	83	99767	20.810	ug/L	94
37) 1,2-Dichloropropane	9.368	63	64358	23.379	ug/L	99
38) Bromodichloromethane	9.642	83	79146	22.786	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	92434	21.816	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	72969	53.250	ug/L	94
42) Toluene	10.386	91	259946	22.454	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	75025	21.882	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	45894	22.746	ug/L	98
46) Tetrachloroethene	10.855	164	44403	19.986	ug/L	97
48) 2-Hexanone	10.965	43	52162	53.547	ug/L	90
49) Dibromochloromethane	11.129	129	47248	22.039	ug/L	99
50) 1,2-Dibromoethane	11.233	107	43038	22.835	ug/L	90
51) Chlorobenzene	11.654	112	155540	21.013	ug/L	94
52) Ethylbenzene	11.727	91	281747	21.479	ug/L	95
53) m,p-Xylene	11.837	106	104944	21.438	ug/L	95
54) o-Xylene	12.160	106	100049	21.294	ug/L	99
55) Styrene	12.178	104	175631	22.310	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	55337	24.355	ug/L	99
59) Bromoform	12.349	173	27675	22.586	ug/L	91
60) Isopropylbenzene	12.459	105	278952	21.250	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	39316	23.500	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	221353	22.678	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	220803	21.462	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	114006	20.372	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	119147	21.075	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	104008	20.776	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	8369	23.368	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.623	180	70019	19.164	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	61160	19.340	ug/L	97
71) Naphthalene	15.354	128	133016	22.028	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	57446	20.696	ug/L	98

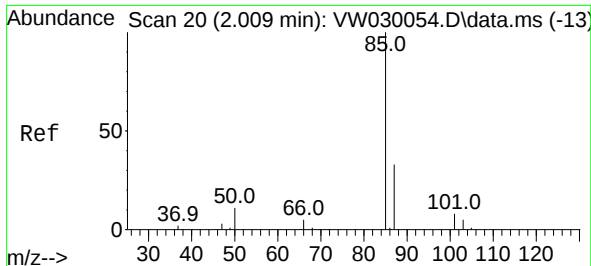
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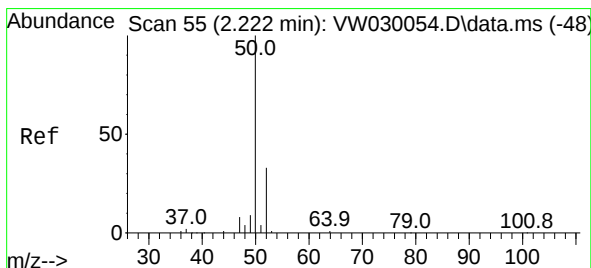
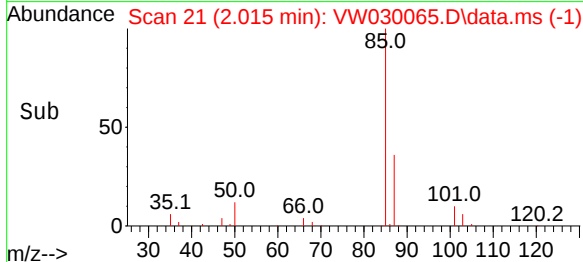
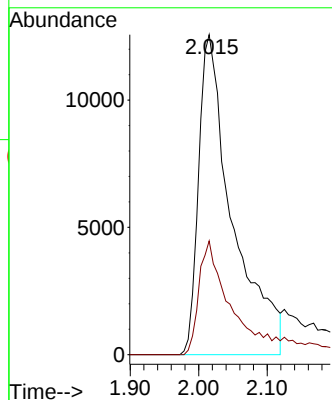
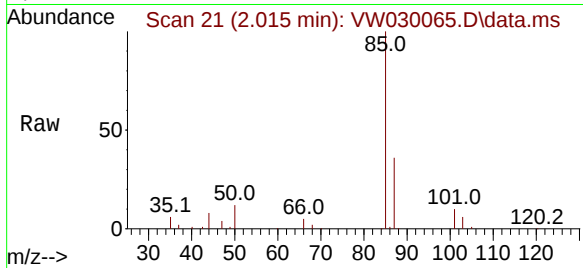




#2
 Dichlorodifluoromethane
 Concen: 21.589 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW030065.D
 Acq: 28 Aug 2024 01:11

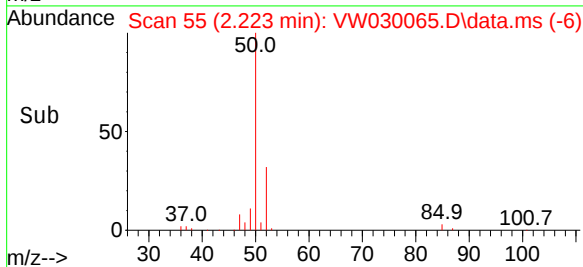
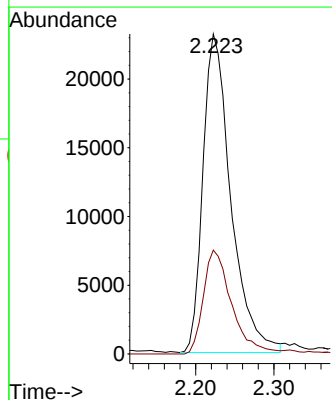
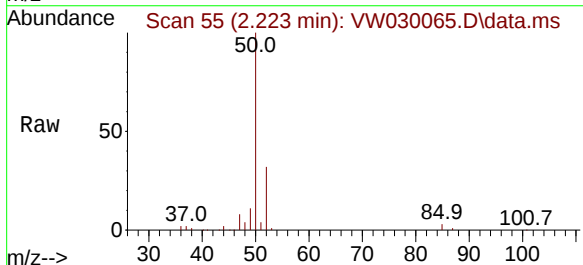
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 ClientSampleId :

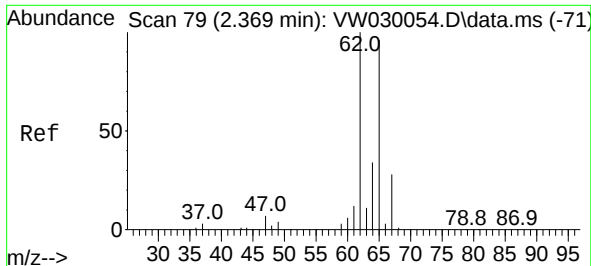
Tgt Ion: 85 Resp: 43013
 Ion Ratio Lower Upper
 85 100
 87 32.3 24.2 36.2



#3
 Chloromethane
 Concen: 24.798 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030065.D
 Acq: 28 Aug 2024 01:11

Tgt Ion: 50 Resp: 57437
 Ion Ratio Lower Upper
 50 100
 52 32.4 21.6 40.2

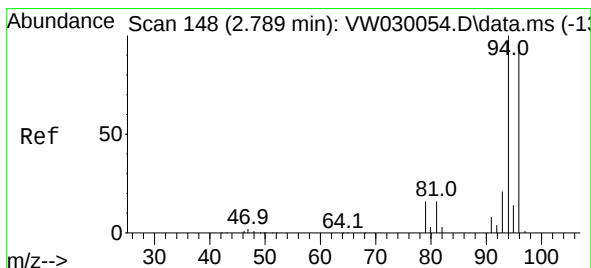
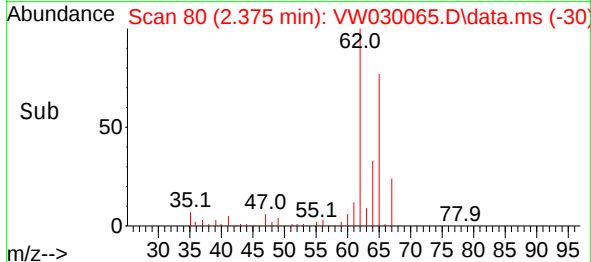
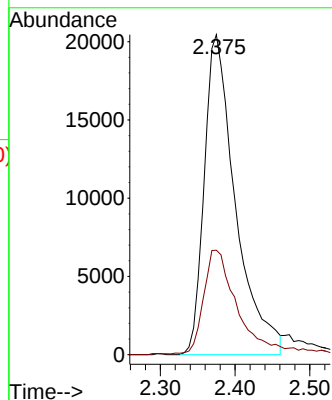
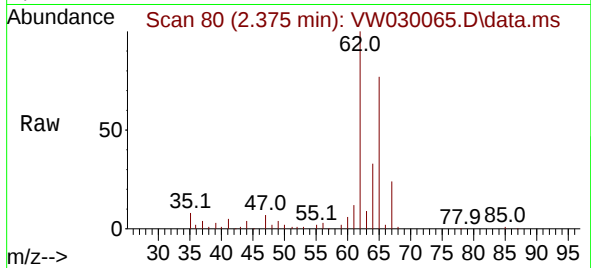




#5
 Vinyl chloride
 Concen: 21.638 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW030065.D
 Acq: 28 Aug 2024 01:11

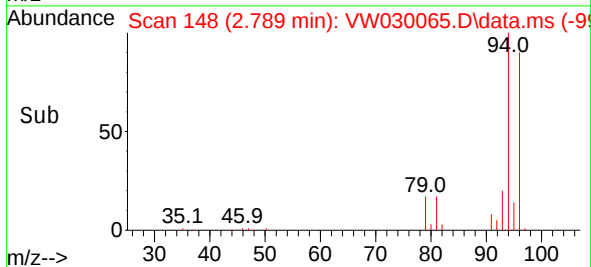
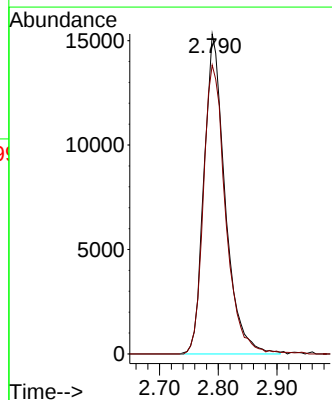
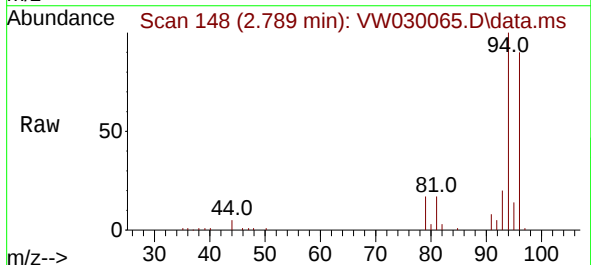
Instrument :
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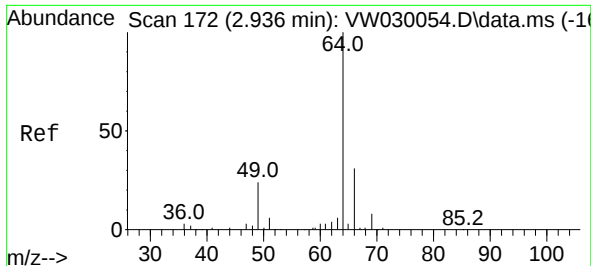
Tgt Ion: 62 Resp: 59238
 Ion Ratio Lower Upper
 62 100
 64 32.7 24.4 45.4



#6
 Bromomethane
 Concen: 22.512 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW030065.D
 Acq: 28 Aug 2024 01:11

Tgt Ion: 94 Resp: 38299
 Ion Ratio Lower Upper
 94 100
 96 90.3 62.4 115.8

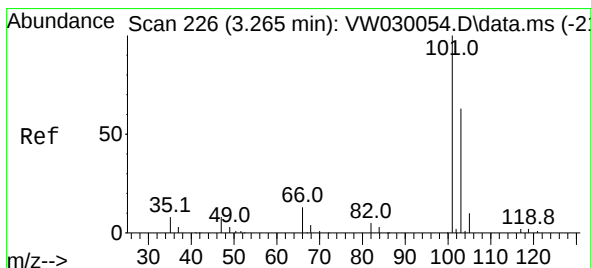
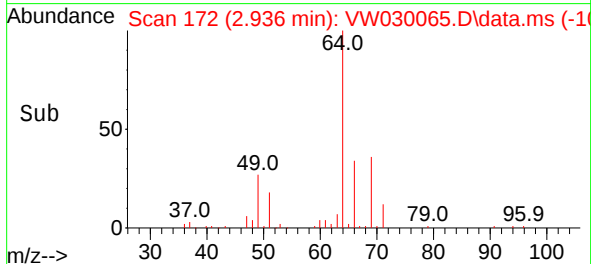
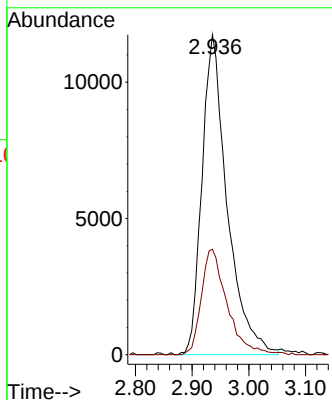
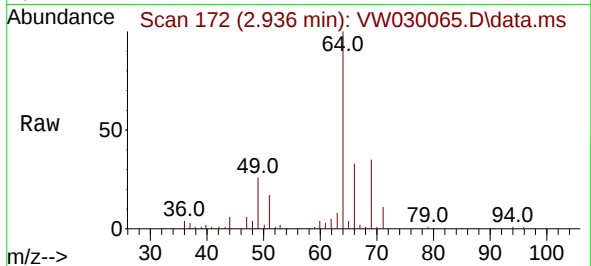




#8
Chloroethane
Concen: 23.000 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW030065.D
Acq: 28 Aug 2024 01:11

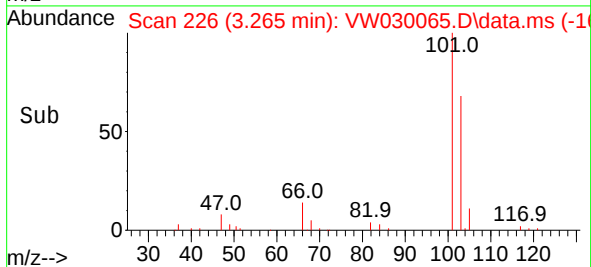
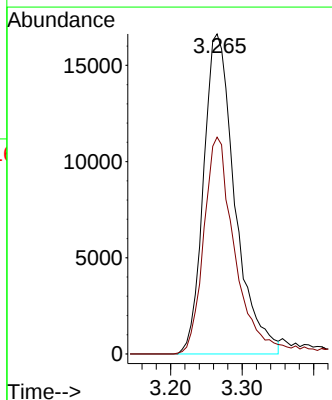
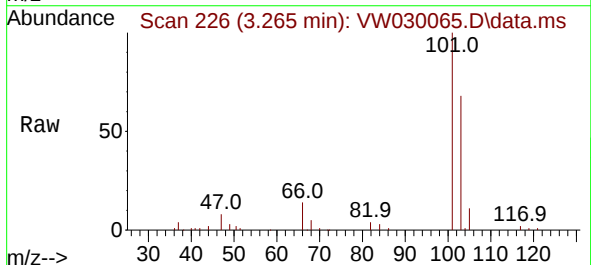
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MSVOA_W
ClientSampleId :

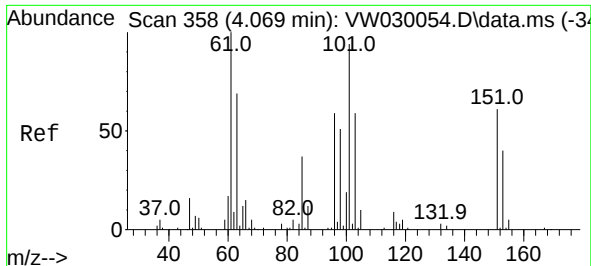
Tgt Ion: 64 Resp: 36283
Ion Ratio Lower Upper
64 100
66 33.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 21.388 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW030065.D
Acq: 28 Aug 2024 01:11

Tgt Ion:101 Resp: 50705
Ion Ratio Lower Upper
101 100
103 66.8 50.7 76.1





#10

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

Concen: 22.165 ug/L

RT: 4.076 min Scan# 358

Delta R.T. 0.006 min

Lab File: VW030065.D

Acq: 28 Aug 2024 01:11

Instrument :

MSVOA_W

ClientSampleId :

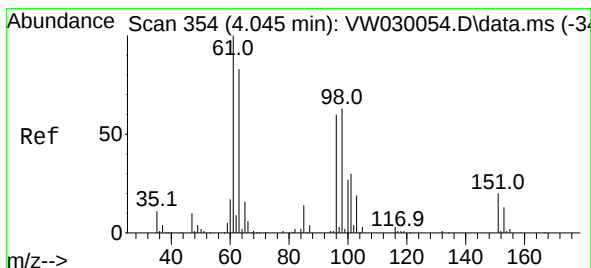
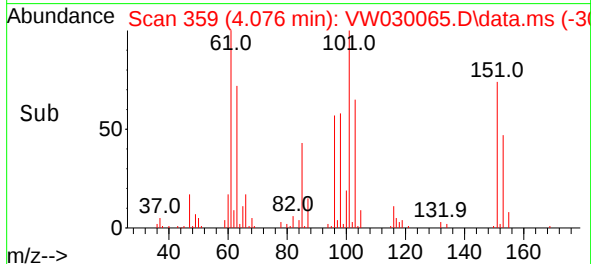
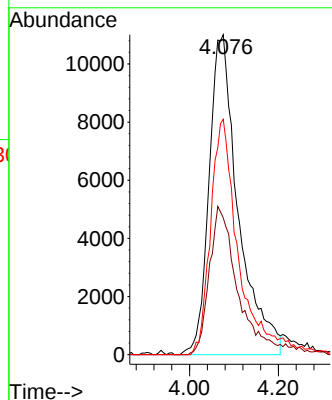
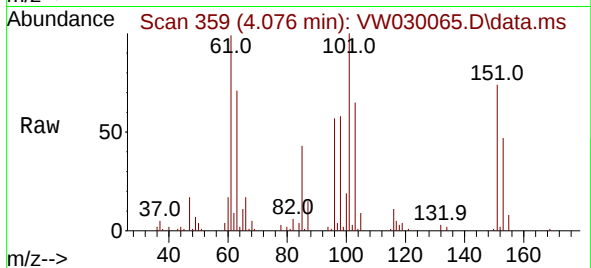
Tgt Ion:101 Resp: 50272

Ion Ratio Lower Upper

101 100

85 41.3 34.7 52.1

151 64.1 54.8 82.2



#12

1,1-Dichloroethene

Concen: 21.848 ug/L

RT: 4.039 min Scan# 353

Delta R.T. -0.006 min

Lab File: VW030065.D

Acq: 28 Aug 2024 01:11

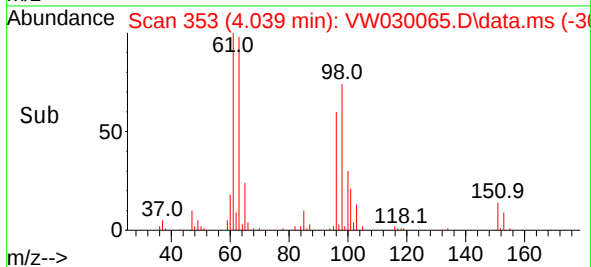
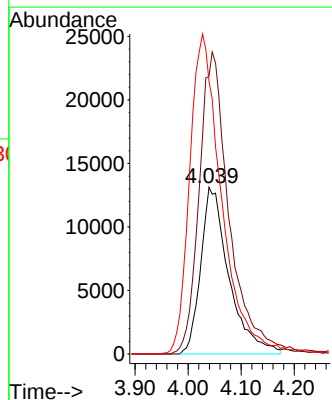
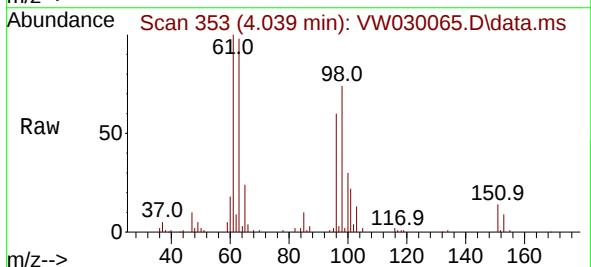
Tgt Ion: 96 Resp: 48514

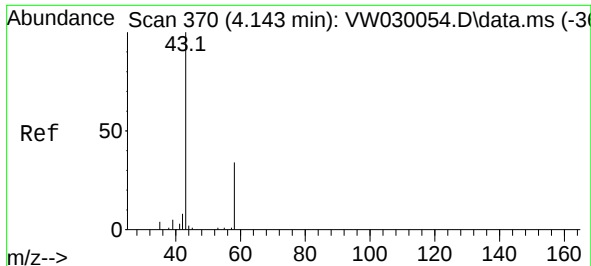
Ion Ratio Lower Upper

96 100

61 166.9 126.0 234.0

63 163.8 101.8 189.2

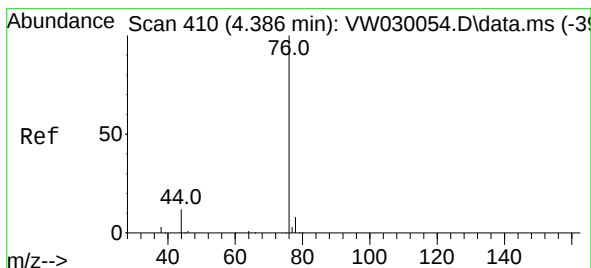
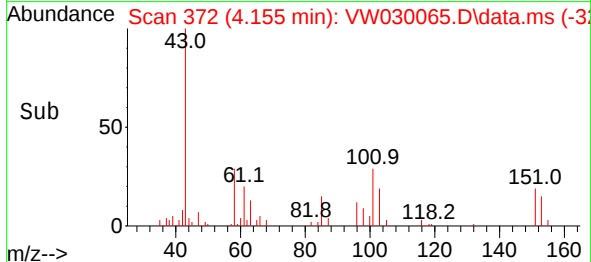
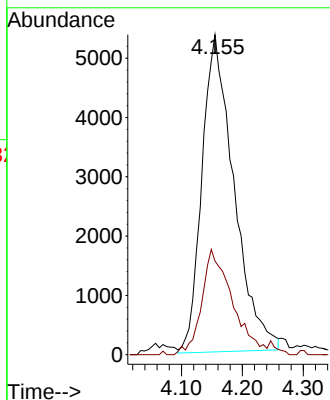
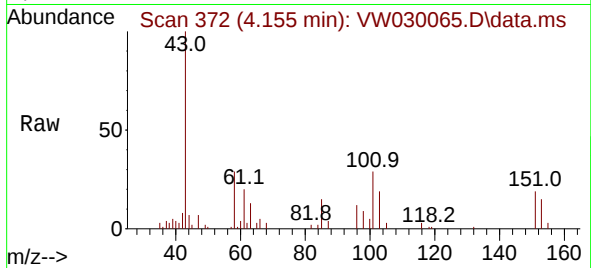




#13
Acetone
Concen: 41.615 ug/L
RT: 4.155 min Scan# 372
Delta R.T. 0.012 min
Lab File: VW030065.D
Acq: 28 Aug 2024 01:11

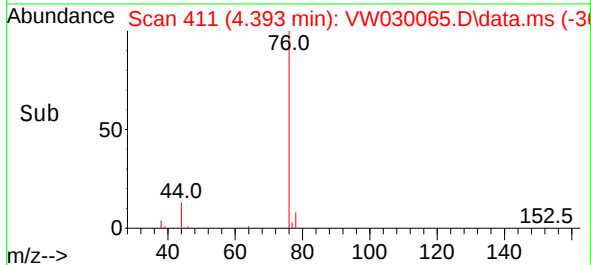
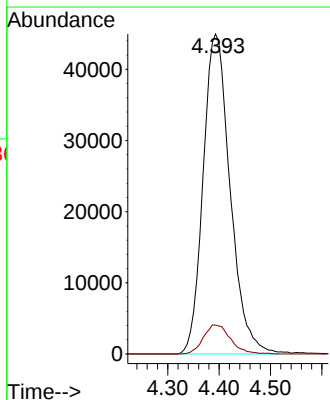
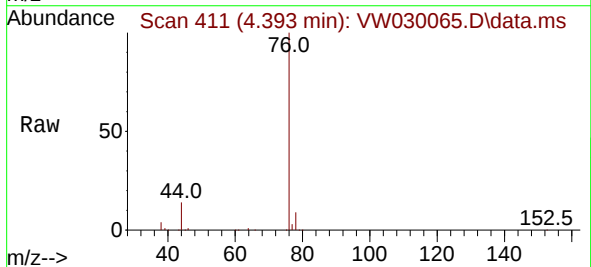
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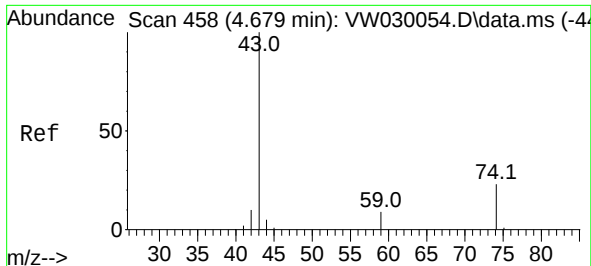
Tgt Ion: 43 Resp: 19560
Ion Ratio Lower Upper
43 100
58 31.6 0.0 66.4



#14
Carbon disulfide
Concen: 23.833 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 164172
Ion Ratio Lower Upper
76 100
78 9.0 6.6 9.8





#15

Methyl Acetate

Concen: 27.784 ug/L

RT: 4.686 min Scan# 4

Delta R.T. 0.006 min

Lab File: VW030065.D

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Instrument :

MSVOA_W

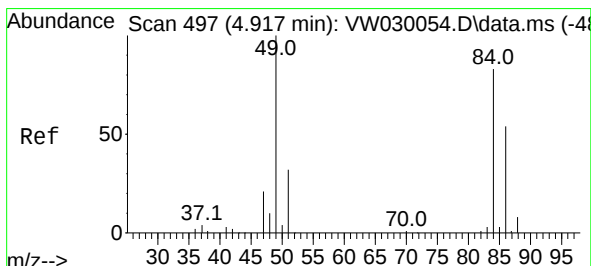
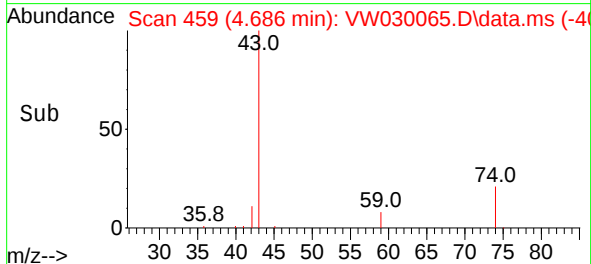
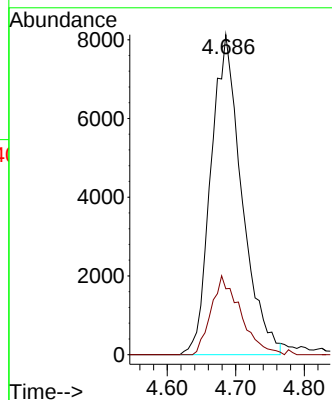
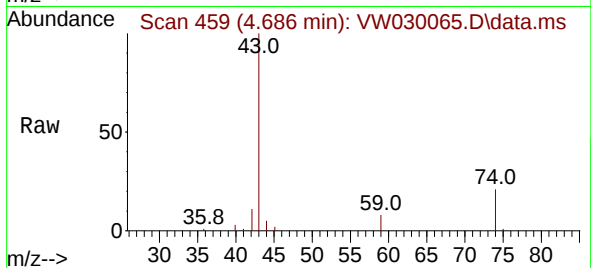
ClientSampleId :

Tgt Ion: 43 Resp: 25461

Ion Ratio Lower Upper

43 100

74 23.5 19.9 29.9



#16

Methylene chloride

Concen: 21.715 ug/L

RT: 4.917 min Scan# 497

Delta R.T. 0.000 min

Lab File: VW030065.D

Acq: 28 Aug 2024 01:11

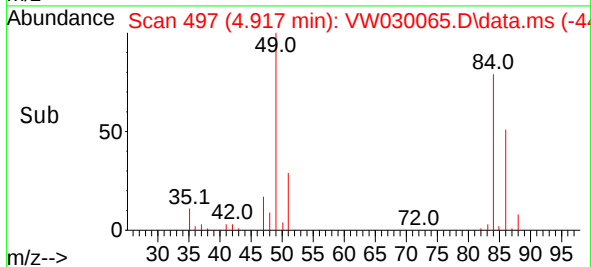
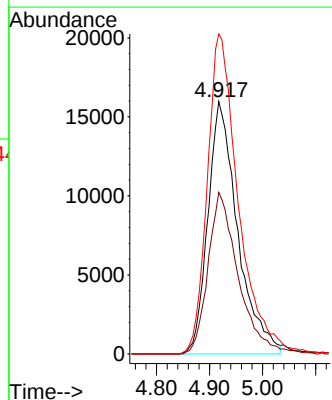
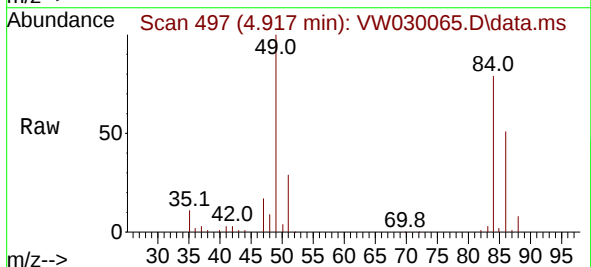
Tgt Ion: 84 Resp: 62142

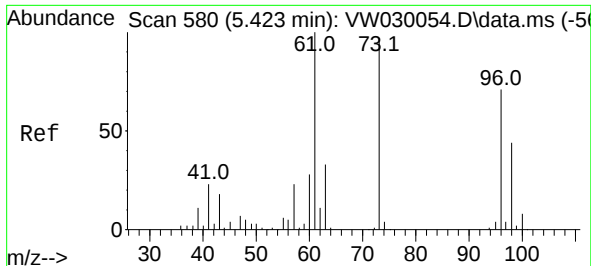
Ion Ratio Lower Upper

84 100

86 64.0 44.2 82.2

49 126.7 79.9 148.3





#17

trans-1,2-Dichloroethene

Concen: 22.448 ug/L

RT: 5.429 min Scan# 580

Delta R.T. 0.006 min

Lab File: VW030065.D

Acq: 28 Aug 2024 01:11

Instrument :

MSVOA_W

ClientSampleId :

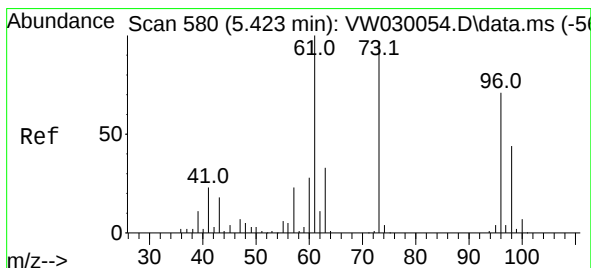
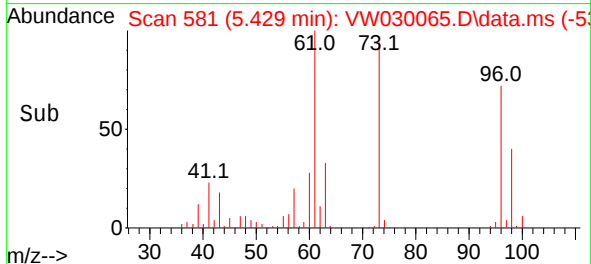
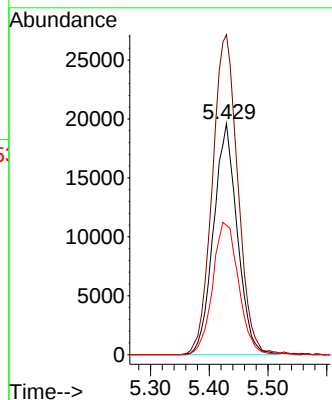
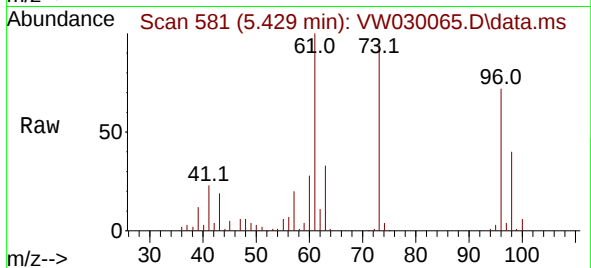
Tgt Ion: 96 Resp: 55125

Ion Ratio Lower Upper

96 100

61 138.4 98.3 182.7

98 56.0 45.3 84.1



#18

Methyl tert-butyl Ether

Concen: 22.926 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW030065.D

Acq: 28 Aug 2024 01:11

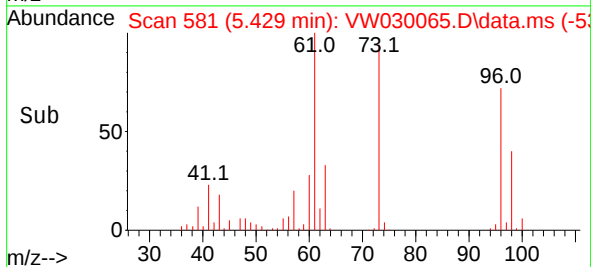
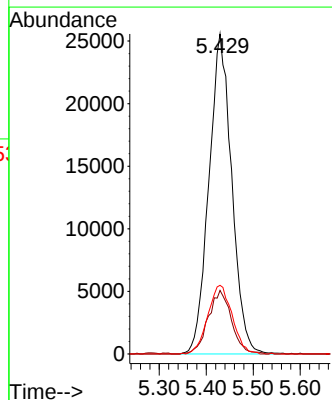
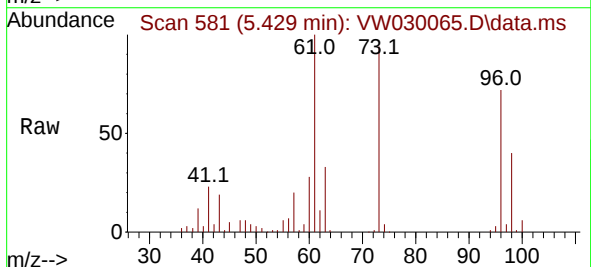
Tgt Ion: 73 Resp: 86102

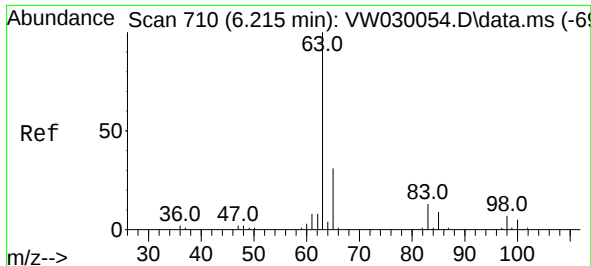
Ion Ratio Lower Upper

73 100

43 20.1 15.4 23.2

57 22.9 17.4 26.0





#19

1,1-Dichloroethane

Concen: 24.436 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW030065.D

Acq: 28 Aug 2024 01:11

Instrument :

MSVOA_W

ClientSampleId :

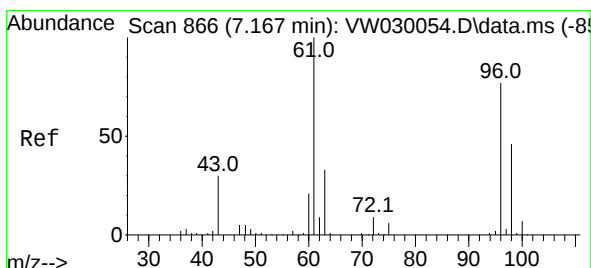
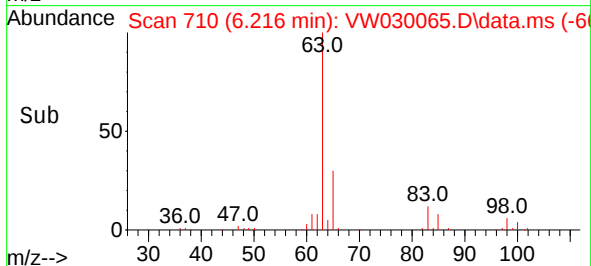
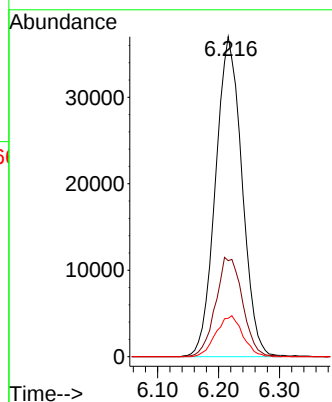
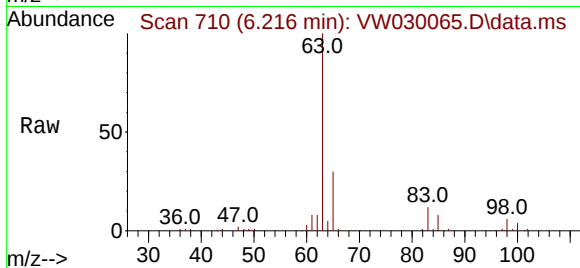
Tgt Ion: 63 Resp: 111508

Ion Ratio Lower Upper

63 100

65 30.0 21.6 40.0

83 12.0 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 22.248 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW030065.D

Acq: 28 Aug 2024 01:11

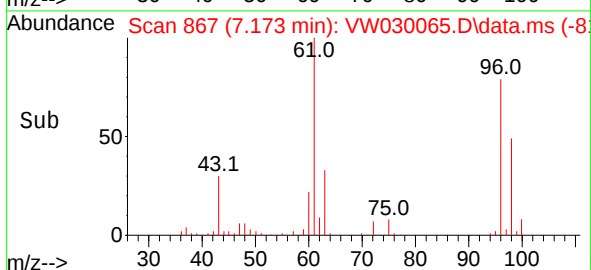
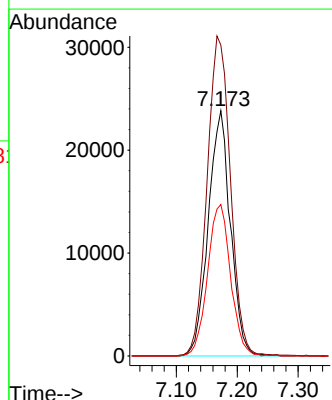
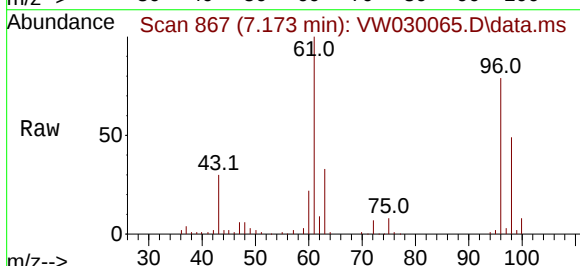
Tgt Ion: 96 Resp: 60386

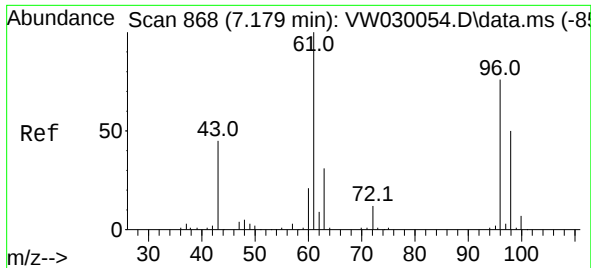
Ion Ratio Lower Upper

96 100

61 126.7 99.6 185.0

98 61.7 46.5 86.5

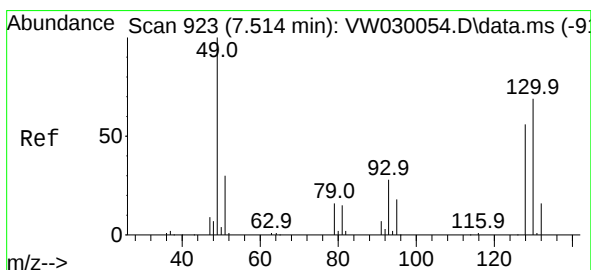
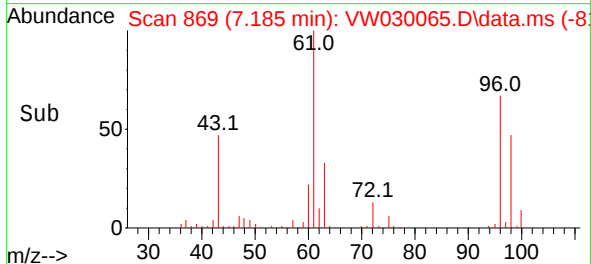
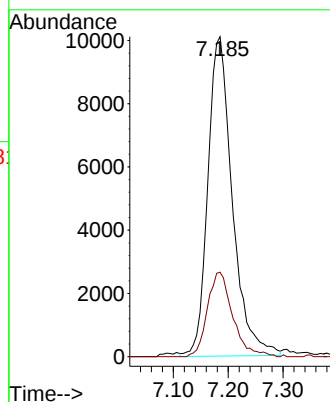
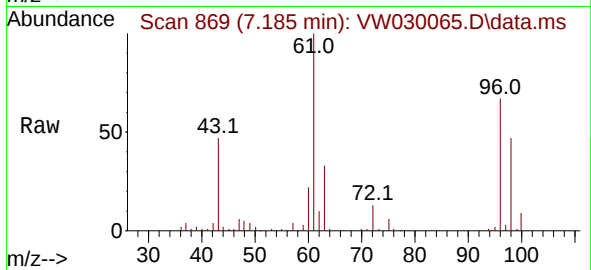




#22
2-Butanone
Concen: 46.559 ug/L
RT: 7.185 min Scan# 869
Delta R.T. 0.006 min
Lab File: VW030065.D
Acq: 28 Aug 2024 01:11

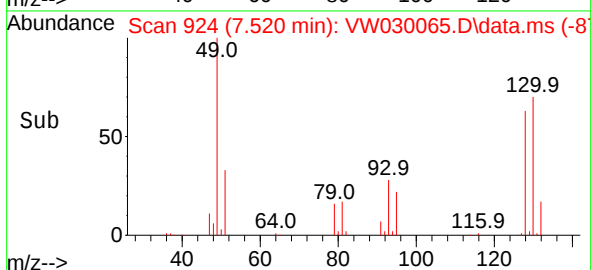
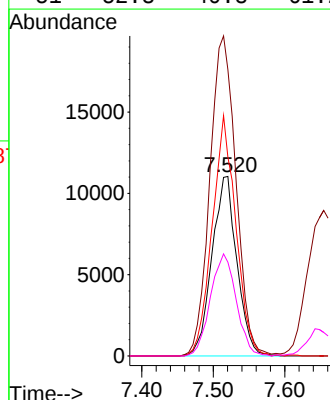
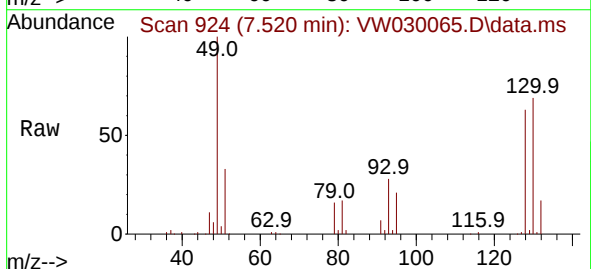
Instrument :
MSVOA_W
ClientSampleId :

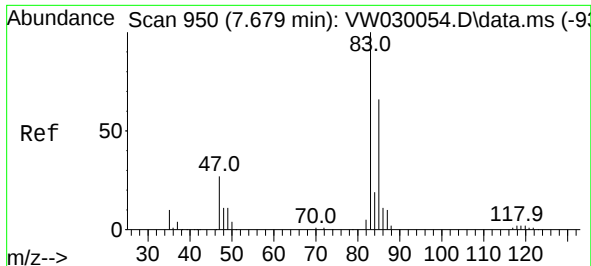
Tgt Ion: 43 Resp: 31315
Ion Ratio Lower Upper
43 100
72 27.3 15.0 45.1



#23
Bromochloromethane
Concen: 23.217 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW030065.D
Acq: 28 Aug 2024 01:11

Tgt Ion: 128 Resp: 26728
Ion Ratio Lower Upper
128 100
49 159.6 117.3 217.9
130 110.8 89.3 165.9
51 52.3 40.8 61.2





#25

Chloroform

Concen: 23.863 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW030065.D

Acq: 28 Aug 2024 01:11

Instrument :

MSVOA_W

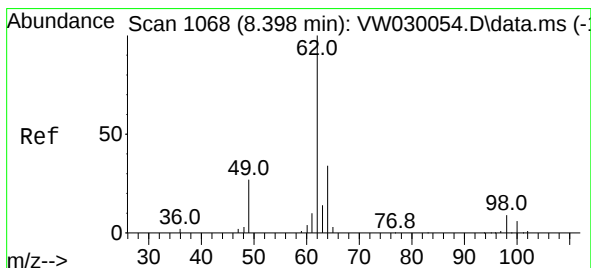
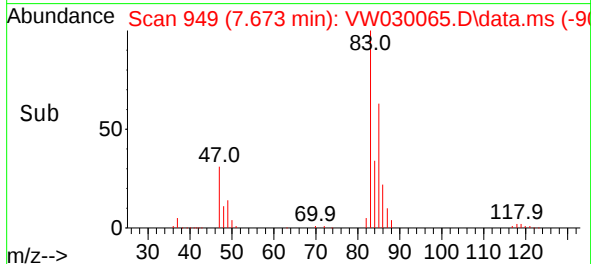
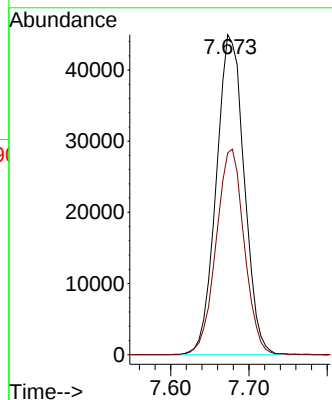
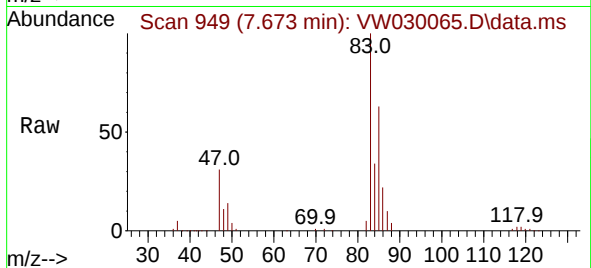
ClientSampleId :

Tgt Ion: 83 Resp: 111386

Ion Ratio Lower Upper

83 100

85 63.1 44.4 82.4



#27

1,2-Dichloroethane

Concen: 25.009 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030065.D

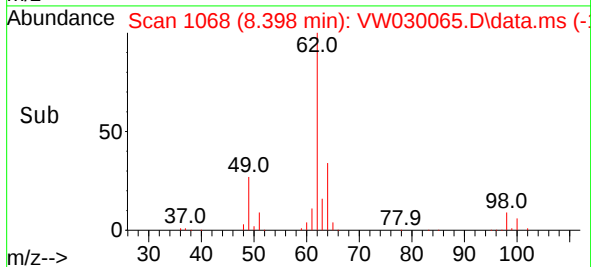
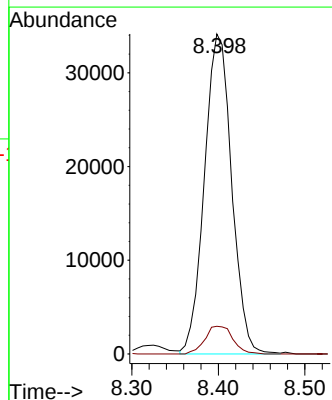
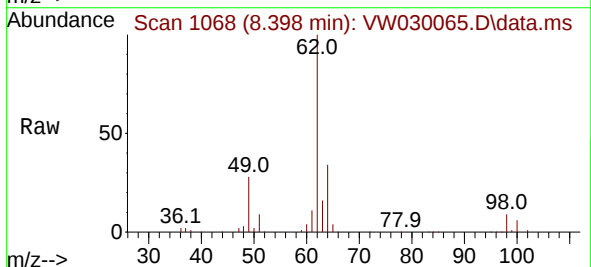
Acq: 28 Aug 2024 01:11

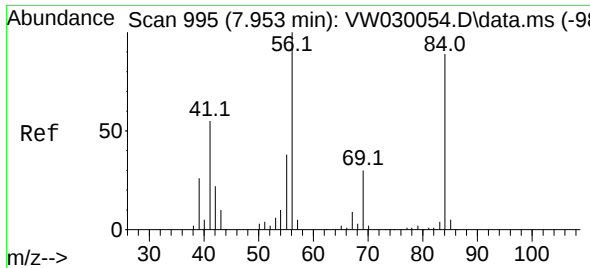
Tgt Ion: 62 Resp: 74721

Ion Ratio Lower Upper

62 100

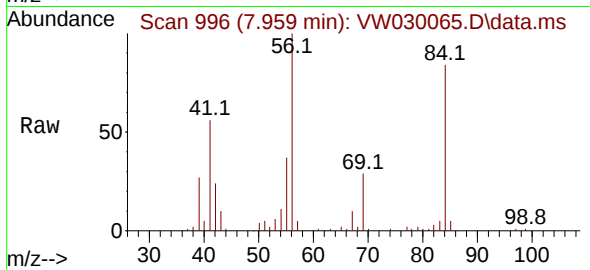
98 8.7 7.7 11.5



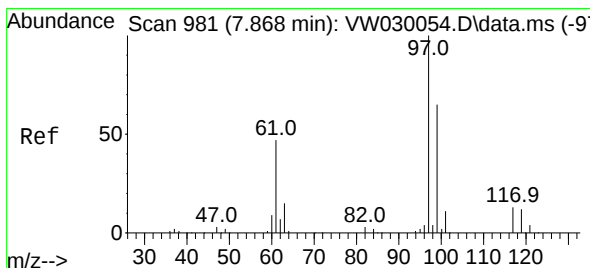
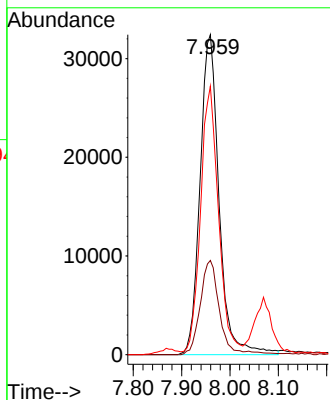
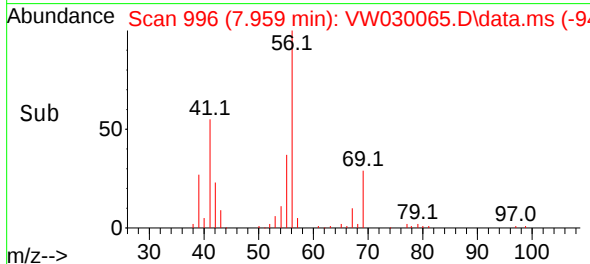


#29
Cyclohexane
Concen: 21.608 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW030065.D
Acq: 28 Aug 2024 01:11

Instrument :
MSVOA_W
ClientSampleId :

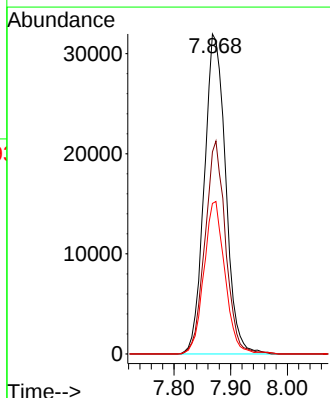
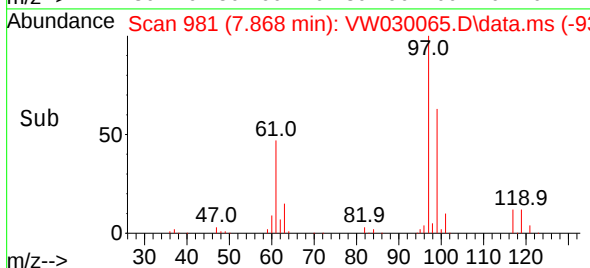
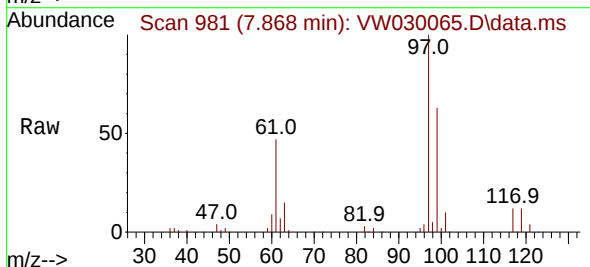


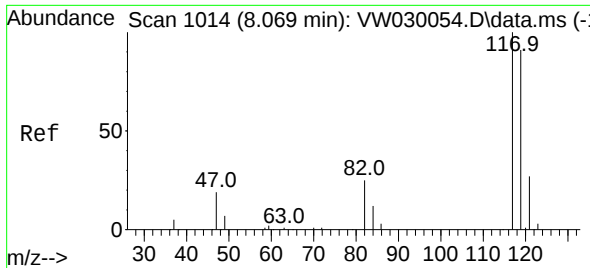
Tgt Ion: 56 Resp: 88528
Ion Ratio Lower Upper
56 100
69 28.5 24.4 36.6
84 78.4 68.1 102.1



#30
1,1,1-Trichloroethane
Concen: 21.094 ug/L
RT: 7.868 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW030065.D
Acq: 28 Aug 2024 01:11

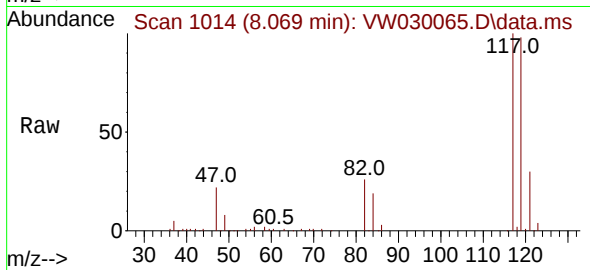
Tgt Ion: 97 Resp: 83829
Ion Ratio Lower Upper
97 100
99 64.0 51.7 77.5
61 46.6 37.2 55.8



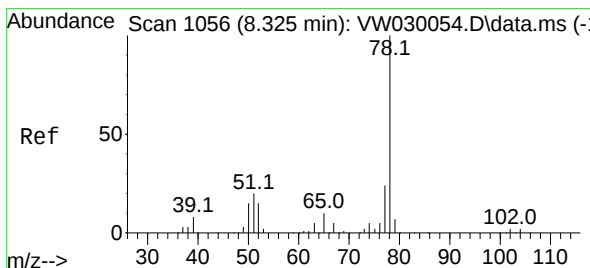
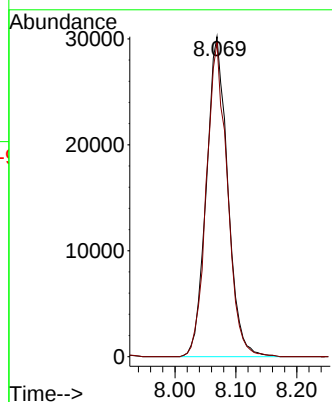
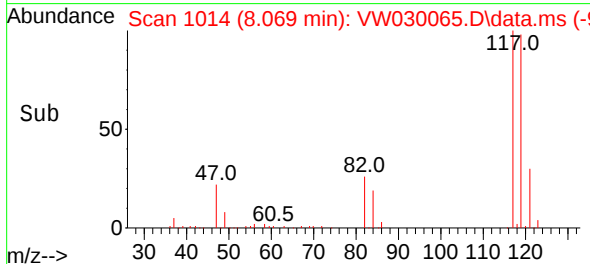


#31
Carbon tetrachloride
Concen: 20.664 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW030065.D
Acq: 28 Aug 2024 01:11

Instrument :
MSVOA_W
ClientSampleId :

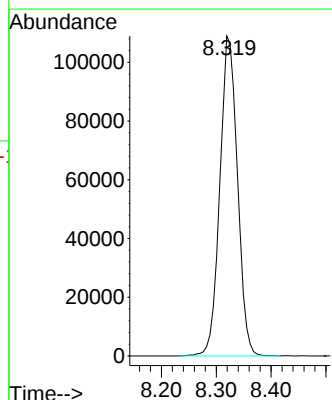
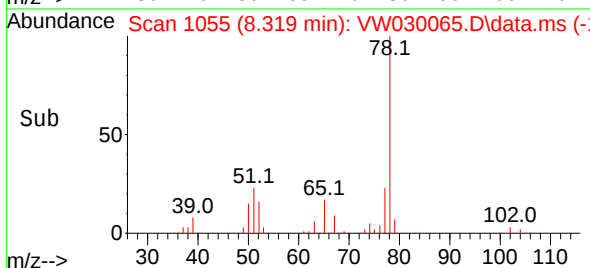
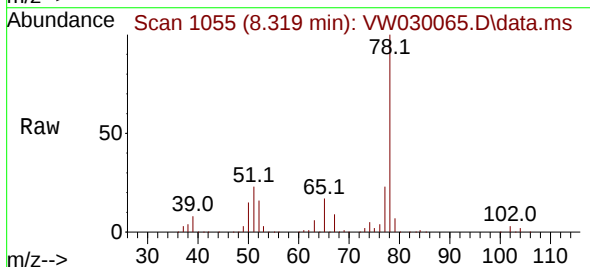


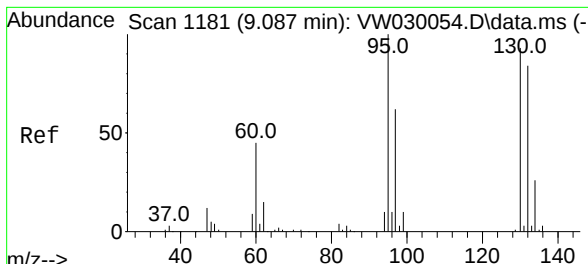
Tgt Ion:117 Resp: 73778
Ion Ratio Lower Upper
117 100
119 96.1 77.7 116.5



#33
Benzene
Concen: 22.424 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW030065.D
Acq: 28 Aug 2024 01:11

Tgt Ion: 78 Resp: 243771





#34

Trichloroethene

Concen: 20.903 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

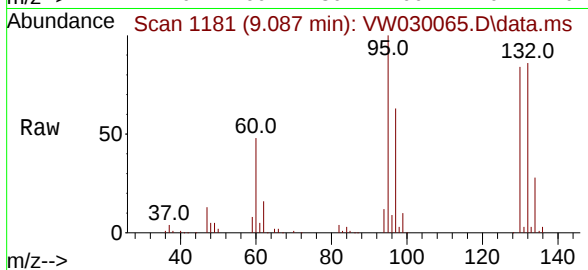
Lab File: VW030065.D

Acq: 28 Aug 2024 01:11

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 61187

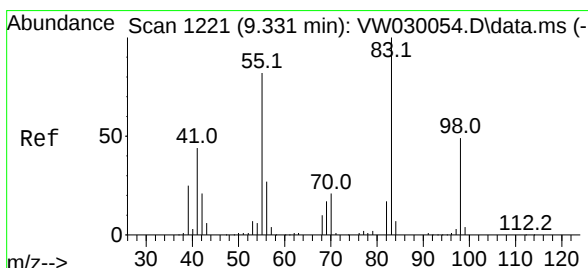
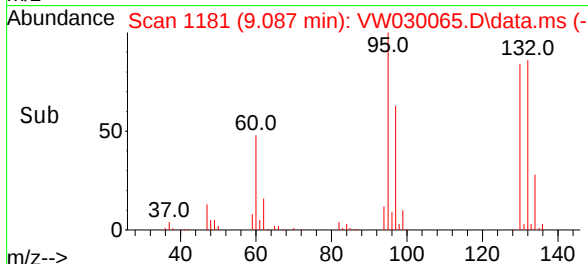
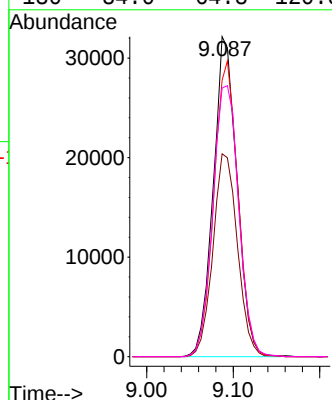
Ion Ratio Lower Upper

95 100

97 63.4 43.3 80.5

132 86.4 63.6 118.0

130 84.0 64.8 120.3



#35

Methylcyclohexane

Concen: 20.810 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030065.D

Acq: 28 Aug 2024 01:11

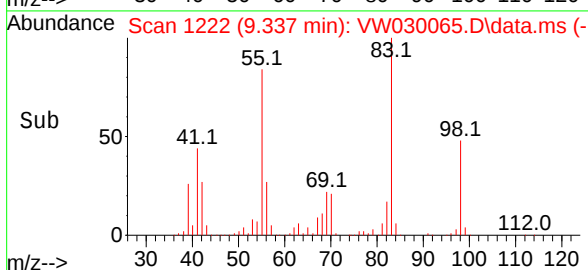
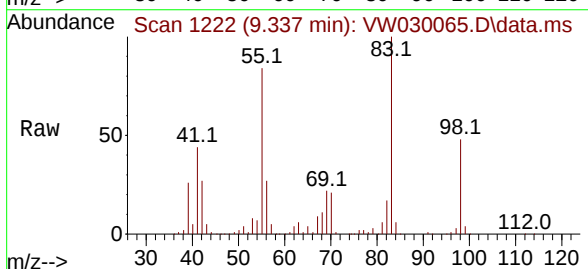
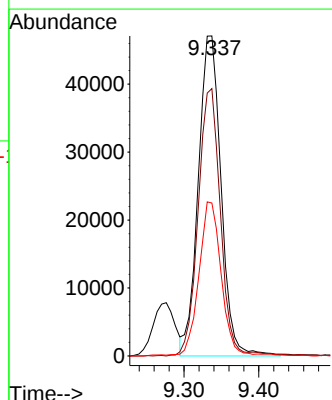
Tgt Ion: 83 Resp: 99767

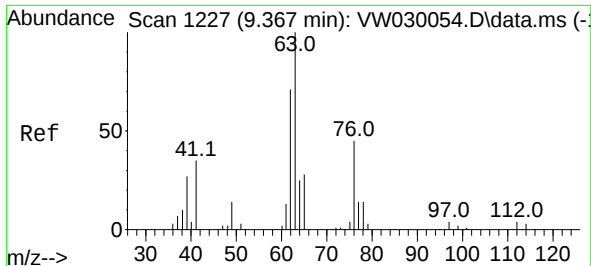
Ion Ratio Lower Upper

83 100

55 80.7 59.0 88.6

98 45.8 38.2 57.4





#37

1,2-Dichloropropane

Concen: 23.379 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030065.D

Acq: 28 Aug 2024 01:11

Instrument :

MSVOA_W

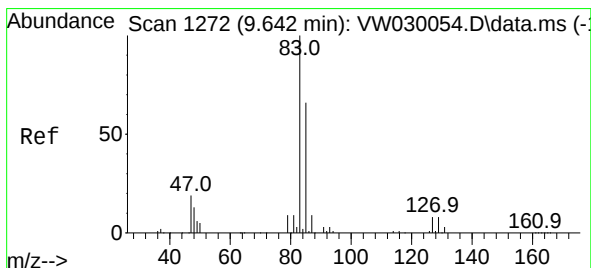
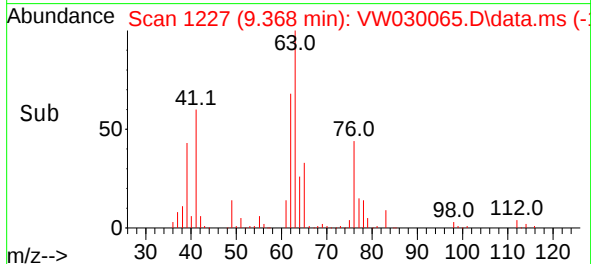
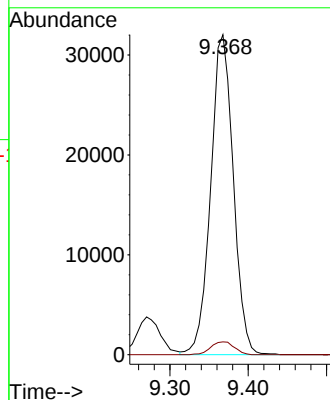
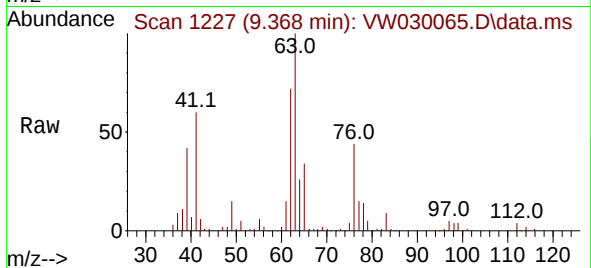
ClientSampleId :

Tgt Ion: 63 Resp: 64358

Ion Ratio Lower Upper

63 100

112 4.2 3.7 5.5



#38

Bromodichloromethane

Concen: 22.786 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030065.D

Acq: 28 Aug 2024 01:11

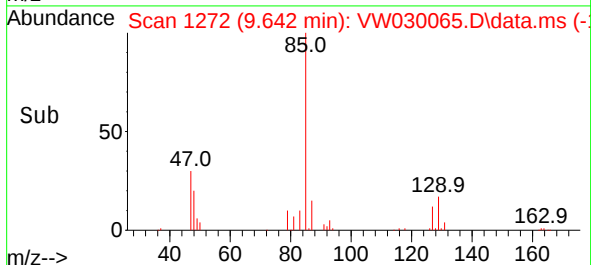
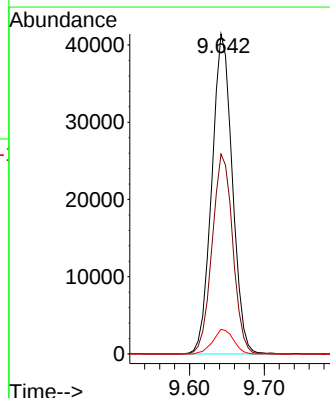
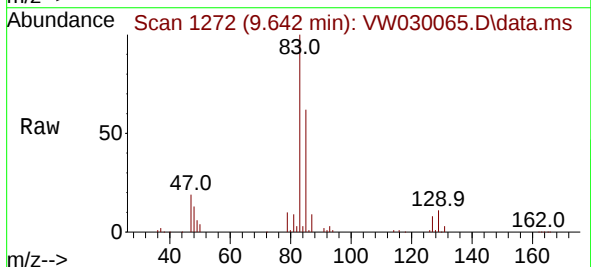
Tgt Ion: 83 Resp: 79146

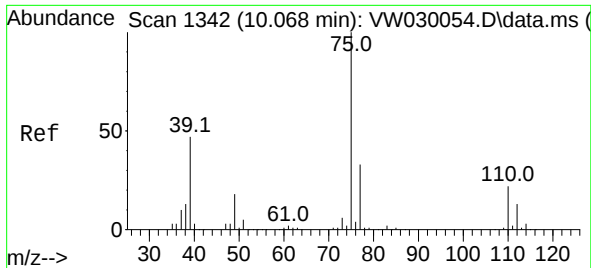
Ion Ratio Lower Upper

83 100

85 62.5 42.9 79.7

127 7.7 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 21.816 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW030065.D

Acq: 28 Aug 2024 01:11

Instrument :

MSVOA_W

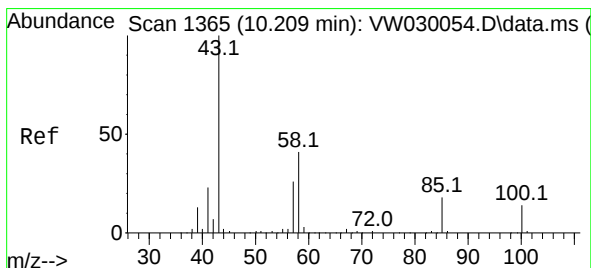
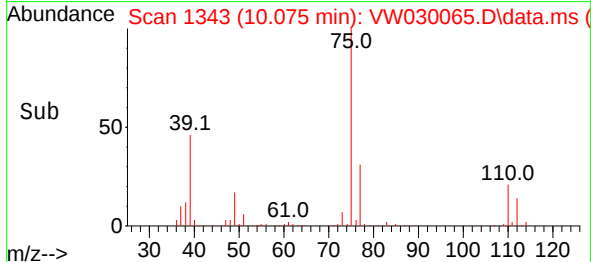
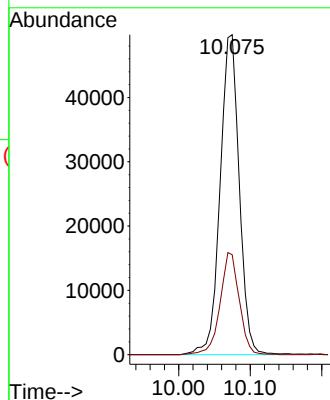
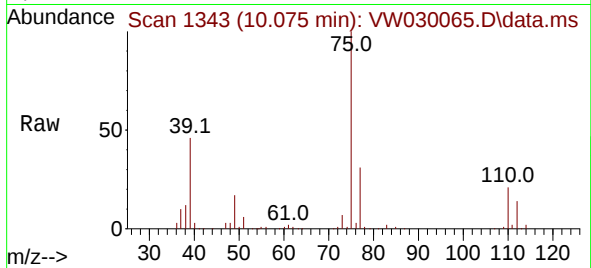
ClientSampleId :

Tgt Ion: 75 Resp: 92434

Ion Ratio Lower Upper

75 100

77 31.3 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 53.250 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030065.D

Acq: 28 Aug 2024 01:11

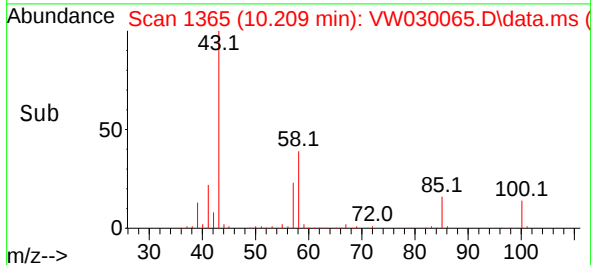
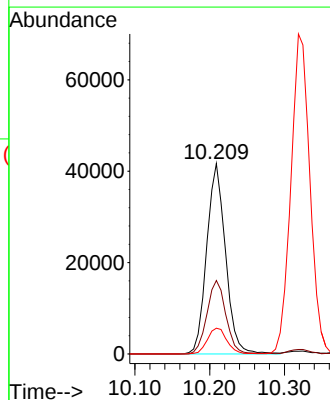
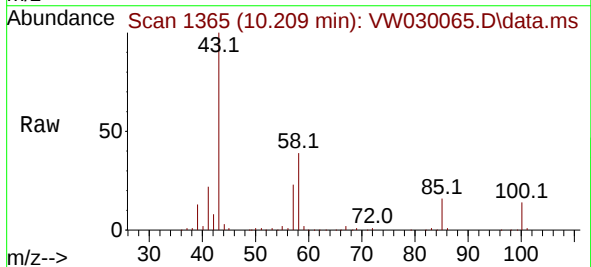
Tgt Ion: 43 Resp: 72969

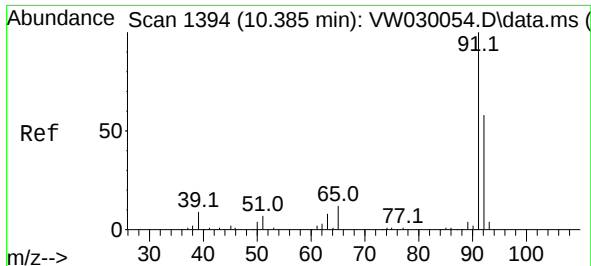
Ion Ratio Lower Upper

43 100

58 38.9 34.0 51.0

100 14.1 13.5 20.3





#42

Toluene

Concen: 22.454 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030065.D

Acq: 28 Aug 2024 01:11

Instrument :

MSVOA_W

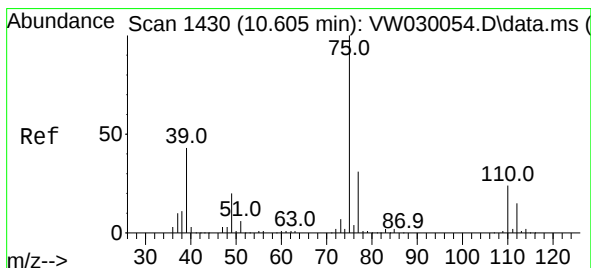
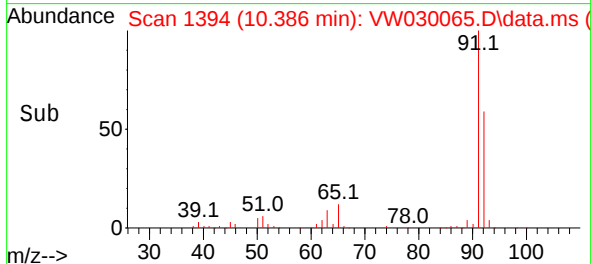
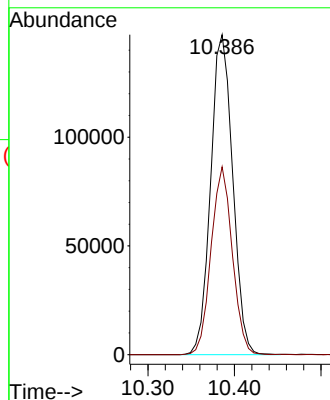
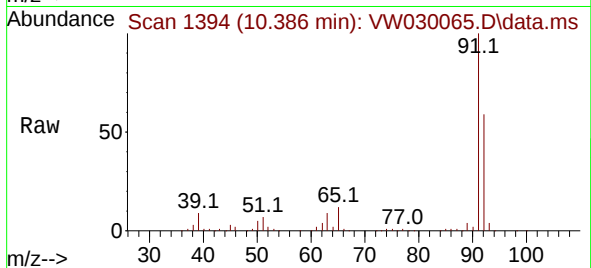
ClientSampleId :

Tgt Ion: 91 Resp: 259946

Ion Ratio Lower Upper

91 100

92 58.7 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 21.882 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030065.D

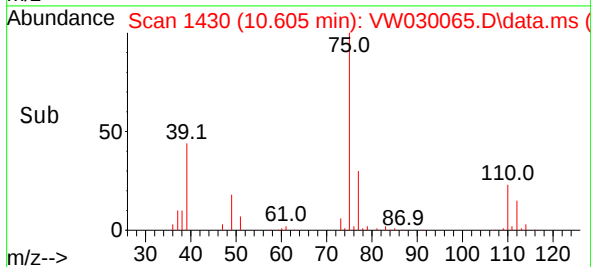
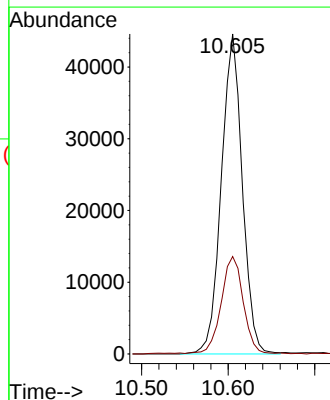
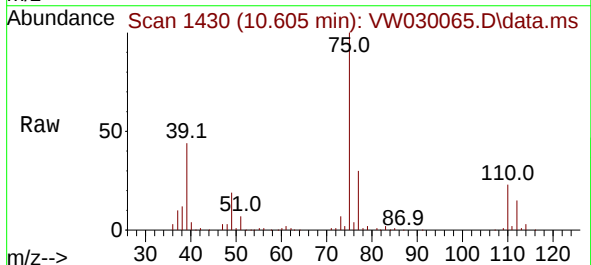
Acq: 28 Aug 2024 01:11

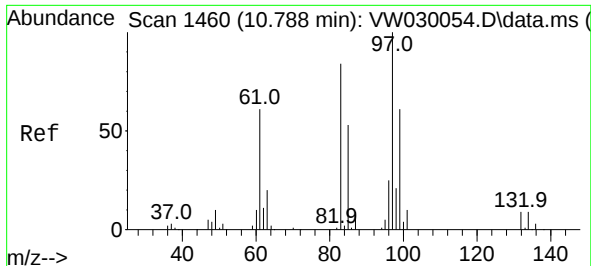
Tgt Ion: 75 Resp: 75025

Ion Ratio Lower Upper

75 100

77 30.5 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 22.746 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW030065.D

Acq: 28 Aug 2024 01:11

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 45894

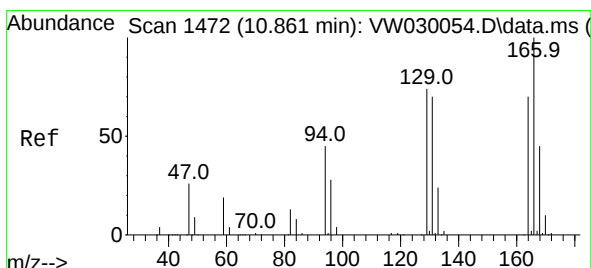
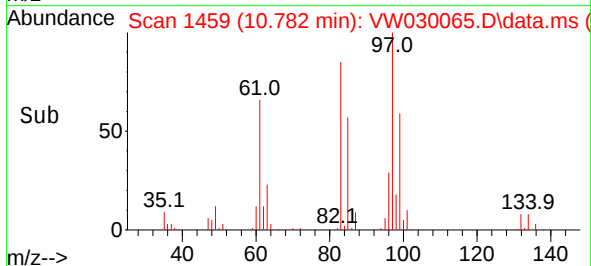
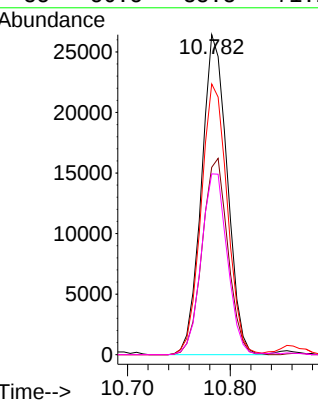
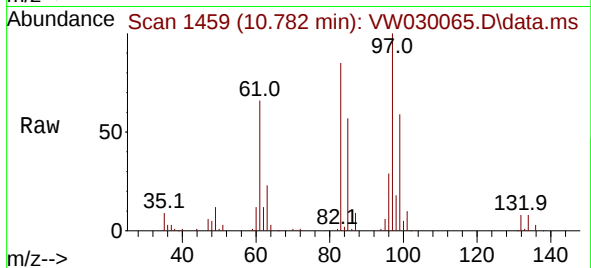
Ion Ratio Lower Upper

97 100

99 58.6 40.3 74.8

83 84.6 58.0 107.6

85 56.5 38.3 71.1



#46

Tetrachloroethene

Concen: 19.986 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW030065.D

Acq: 28 Aug 2024 01:11

Tgt Ion:164 Resp: 44403

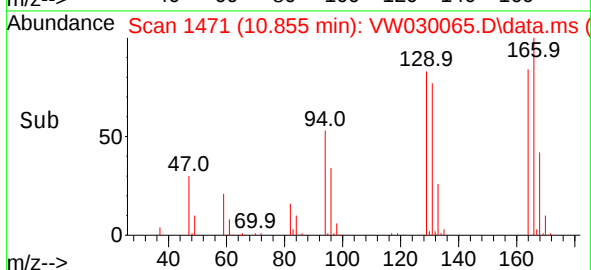
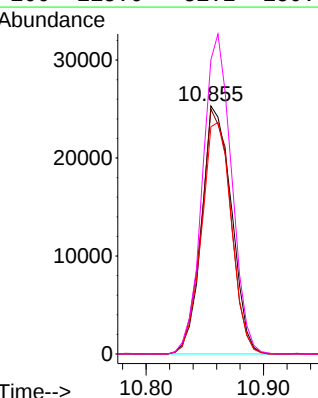
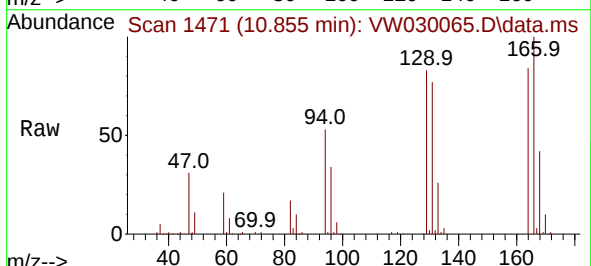
Ion Ratio Lower Upper

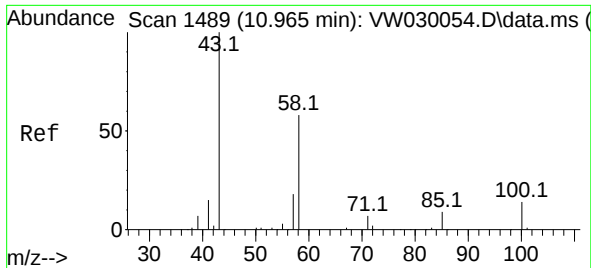
164 100

129 98.7 66.1 122.7

131 91.6 62.6 116.2

166 118.6 81.2 150.8

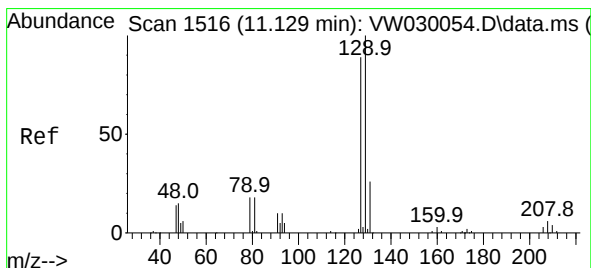
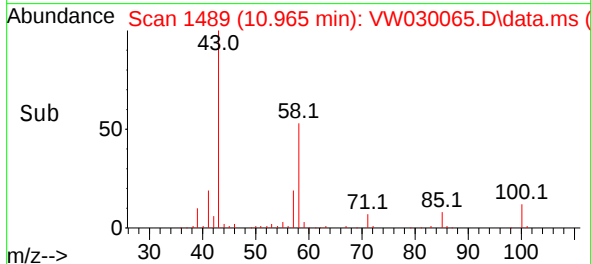
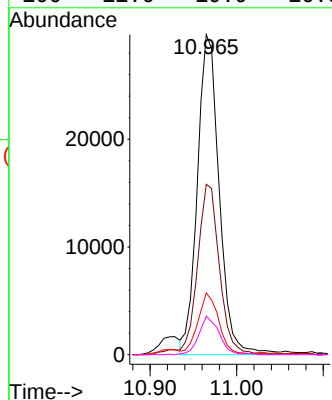
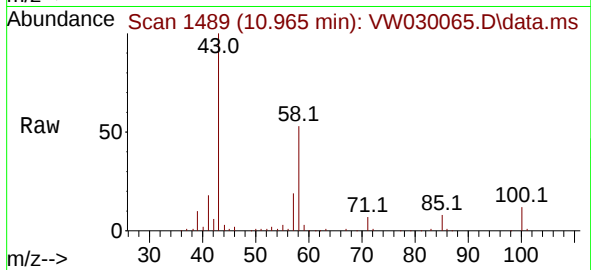




#48
2-Hexanone
Concen: 53.547 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030065.D
Acq: 28 Aug 2024 01:11

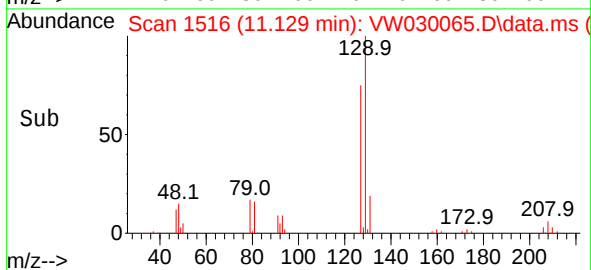
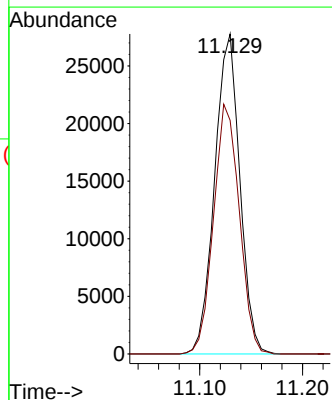
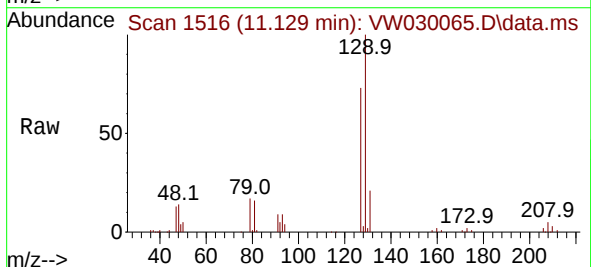
Instrument :
MSVOA_W
ClientSampleId :

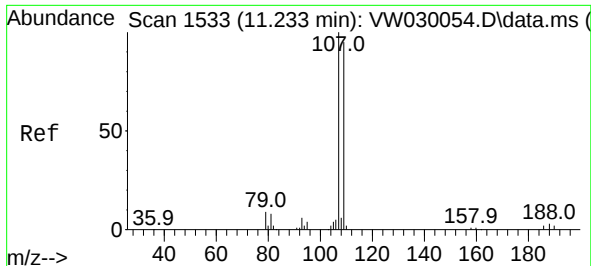
Tgt Ion:	43	Resp:	52162
Ion Ratio	Lower	Upper	
43	100		
58	52.7	50.0	75.0
57	18.6	17.3	25.9
100	11.0	10.9	16.3



#49
Dibromochloromethane
Concen: 22.039 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW030065.D
Acq: 28 Aug 2024 01:11

Tgt Ion:	129	Resp:	47248
Ion Ratio	Lower	Upper	
129	100		
127	73.0	51.8	96.2





#50

1,2-Dibromoethane

Concen: 22.835 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030065.D

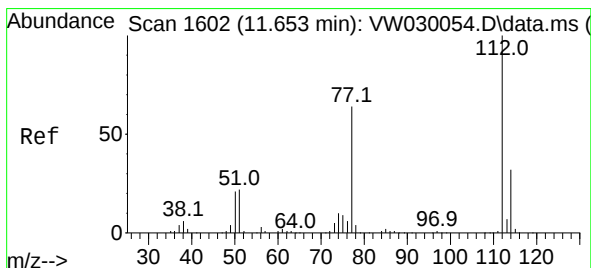
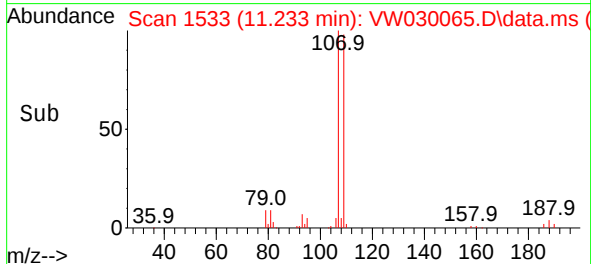
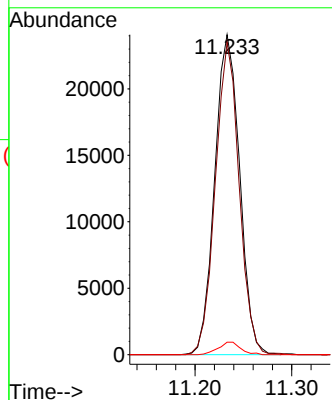
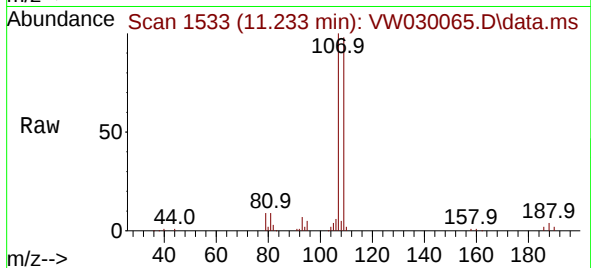
Acq: 28 Aug 2024 01:11

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	43038
Ion Ratio	Lower	Upper	
107	100		
109	97.6	61.7	114.5
188	3.9	3.1	4.7



#51

Chlorobenzene

Concen: 21.013 ug/L

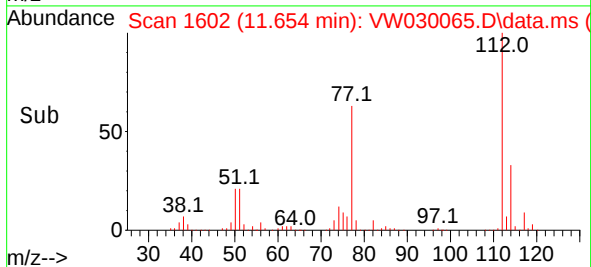
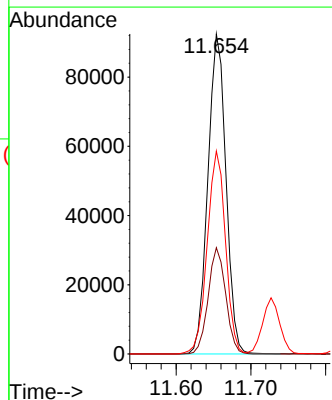
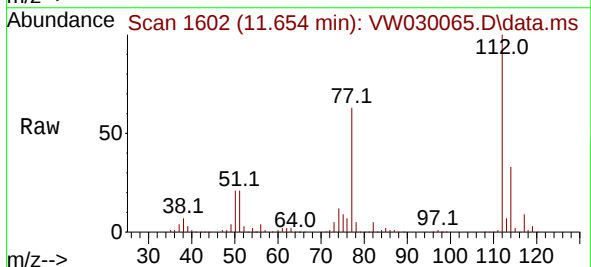
RT: 11.654 min Scan# 1602

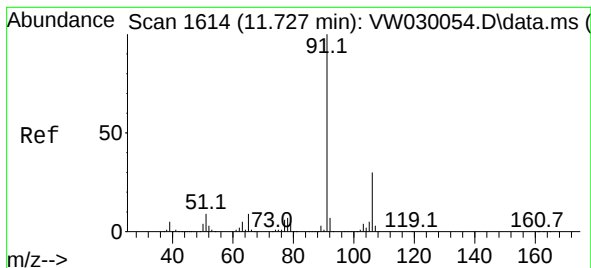
Delta R.T. 0.000 min

Lab File: VW030065.D

Acq: 28 Aug 2024 01:11

Tgt Ion:	112	Resp:	155540
Ion Ratio	Lower	Upper	
112	100		
114	33.2	20.9	38.9
77	63.4	47.1	70.7





#52

Ethylbenzene

Concen: 21.479 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030065.D

Acq: 28 Aug 2024 01:11

Instrument :

MSVOA_W

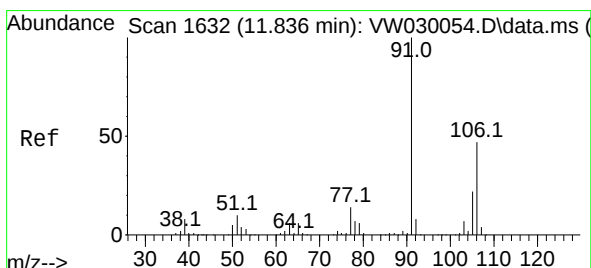
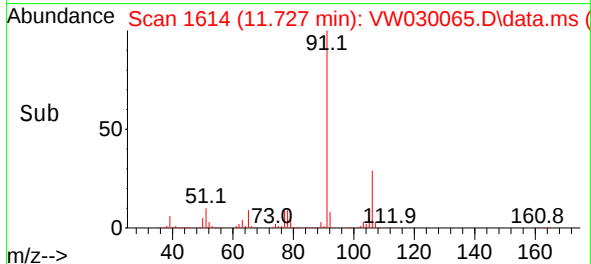
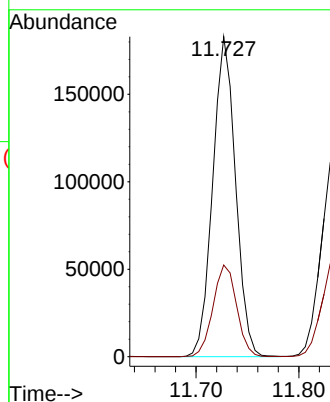
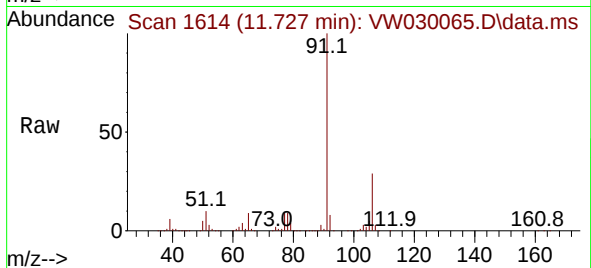
ClientSampleId :

Tgt Ion: 91 Resp: 281747

Ion Ratio Lower Upper

91 100

106 28.7 22.0 41.0



#53

m,p-Xylene

Concen: 21.438 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030065.D

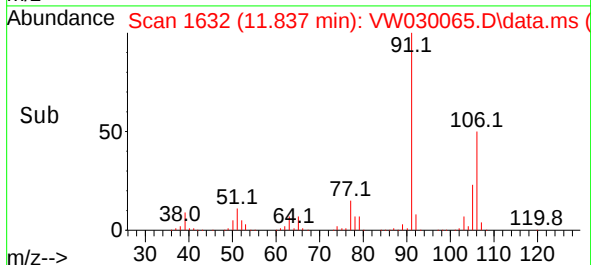
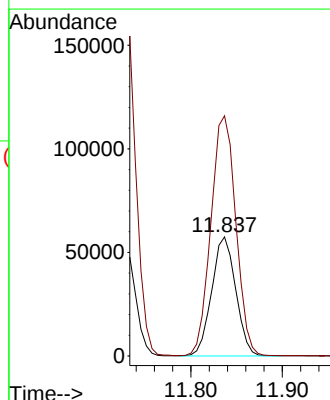
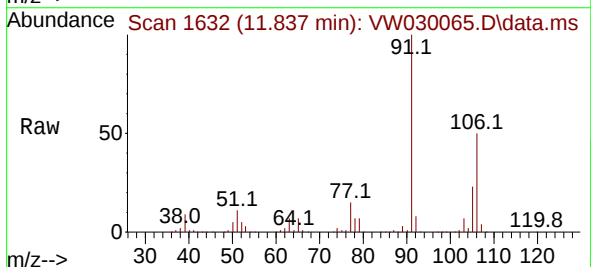
Acq: 28 Aug 2024 01:11

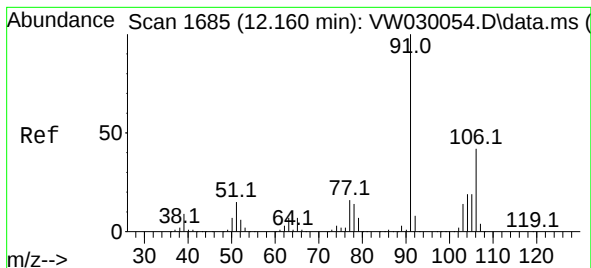
Tgt Ion:106 Resp: 104944

Ion Ratio Lower Upper

106 100

91 201.7 146.7 272.4

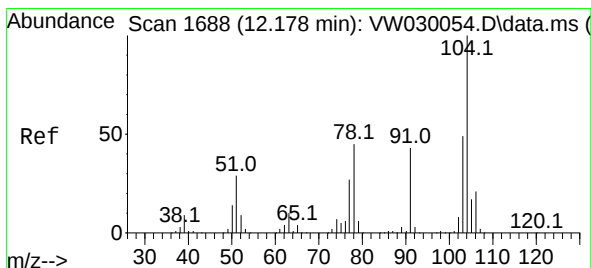
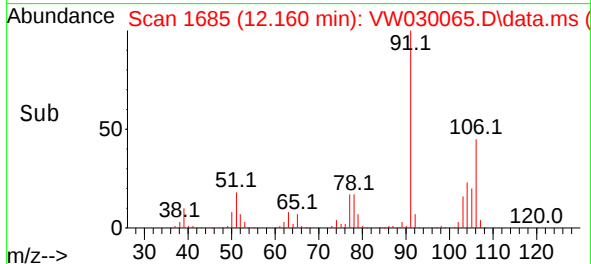
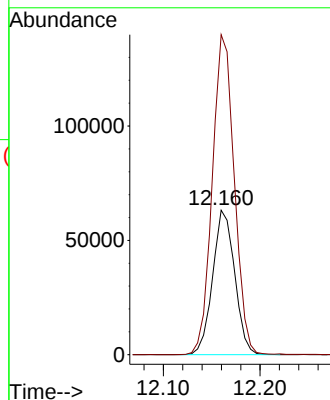
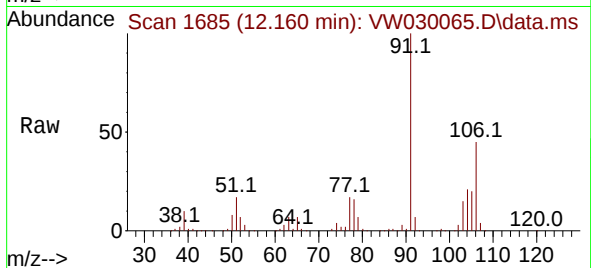




#54
o-Xylene
Concen: 21.294 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW030065.D
Acq: 28 Aug 2024 01:11

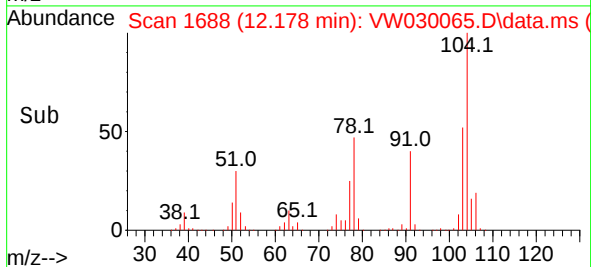
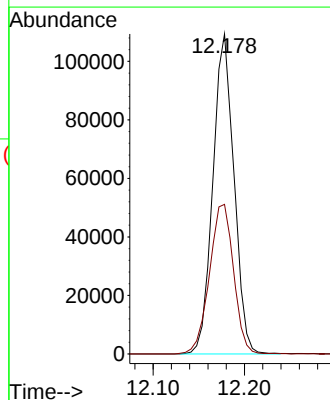
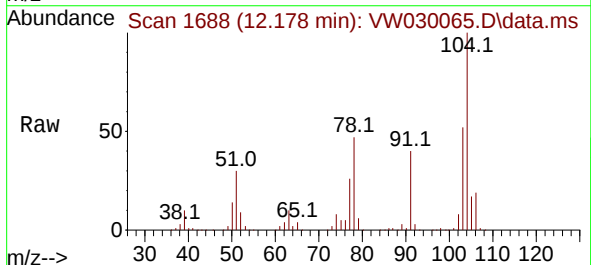
Instrument :
MSVOA_W
ClientSampleId :

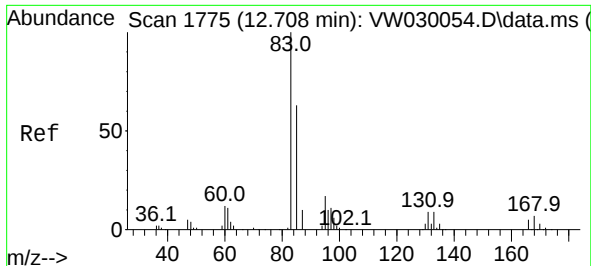
Tgt Ion:106 Resp: 100049
Ion Ratio Lower Upper
106 100
91 221.5 153.9 285.7



#55
Styrene
Concen: 22.310 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030065.D
Acq: 28 Aug 2024 01:11

Tgt Ion:104 Resp: 175631
Ion Ratio Lower Upper
104 100
78 46.8 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 24.355 ug/L

RT: 12.708 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030065.D

Acq: 28 Aug 2024 01:11

Instrument :

MSVOA_W

ClientSampleId :

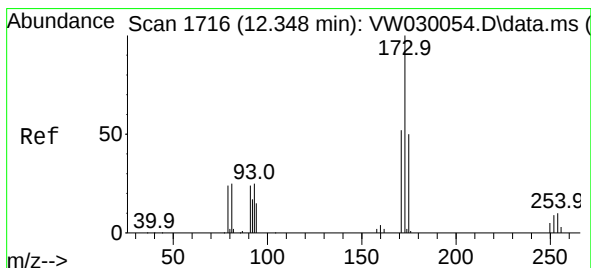
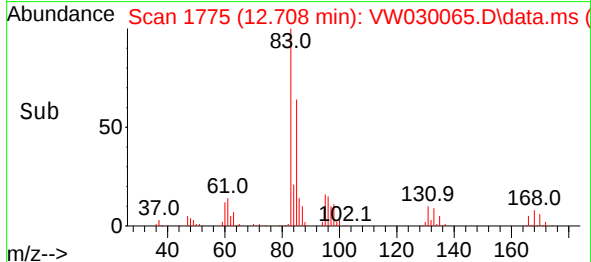
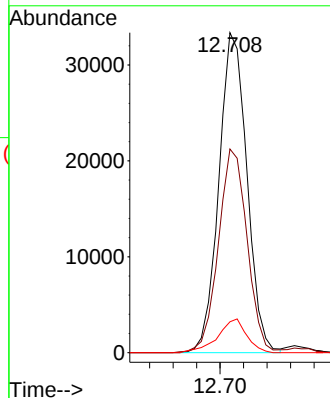
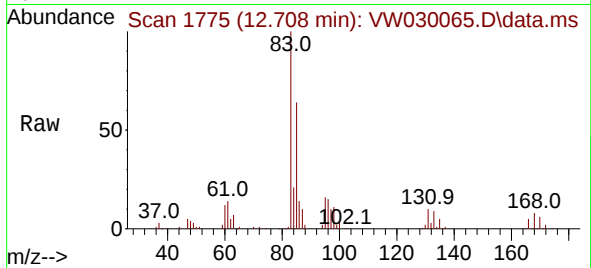
Tgt Ion: 83 Resp: 55337

Ion Ratio Lower Upper

83 100

85 63.6 44.0 81.8

131 9.7 7.3 10.9



#59

Bromoform

Concen: 22.586 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW030065.D

Acq: 28 Aug 2024 01:11

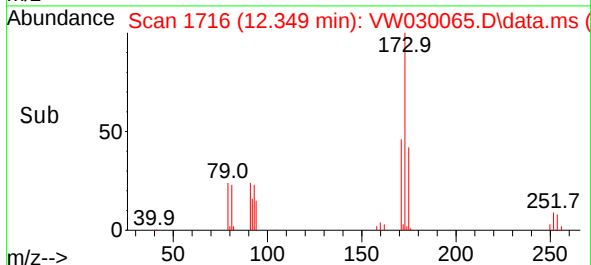
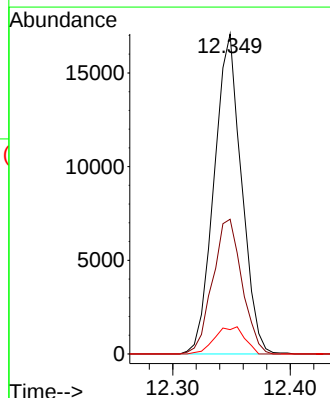
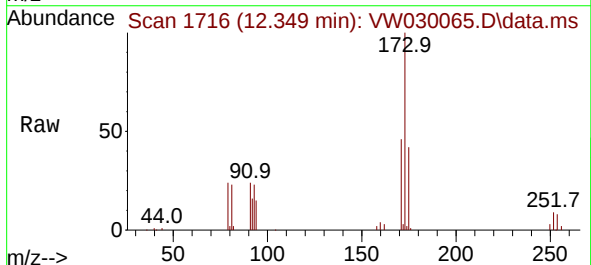
Tgt Ion:173 Resp: 27675

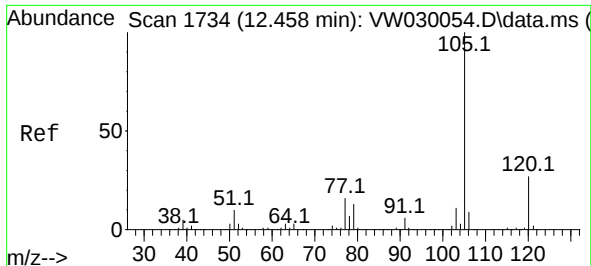
Ion Ratio Lower Upper

173 100

175 45.0 41.4 62.2

254 9.3 8.6 13.0

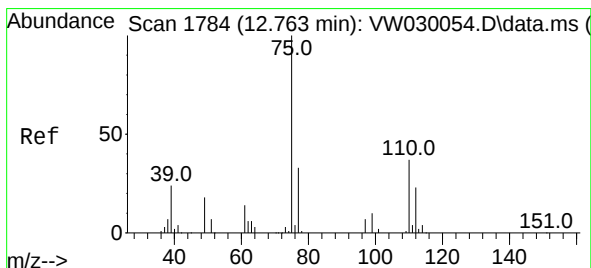
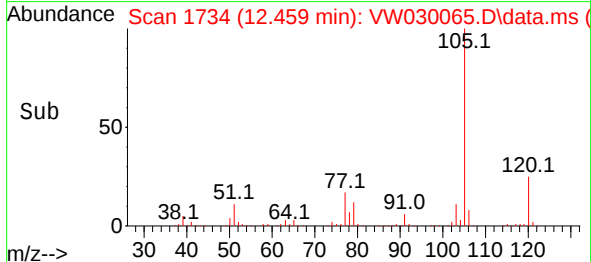
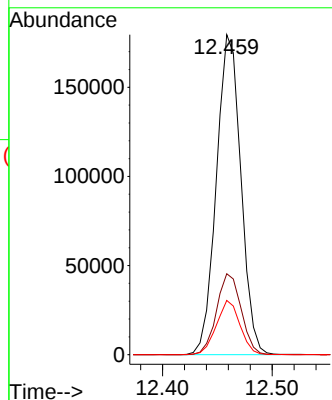
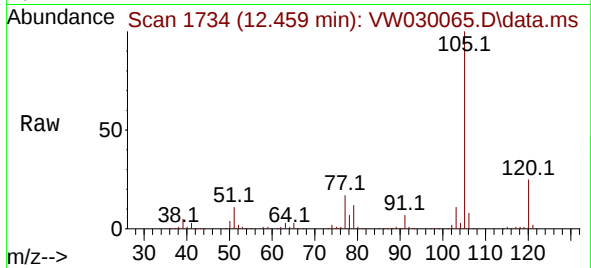




#60
Isopropylbenzene
Concen: 21.250 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW030065.D
Acq: 28 Aug 2024 01:11

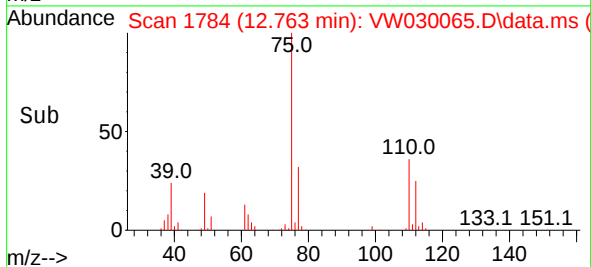
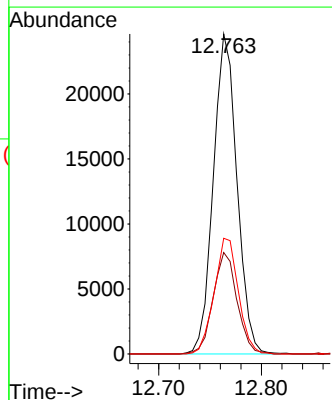
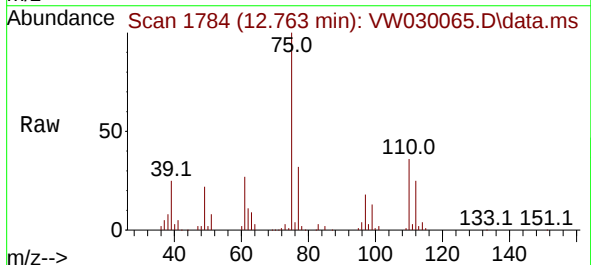
Instrument :
MSVOA_W
ClientSampleId :

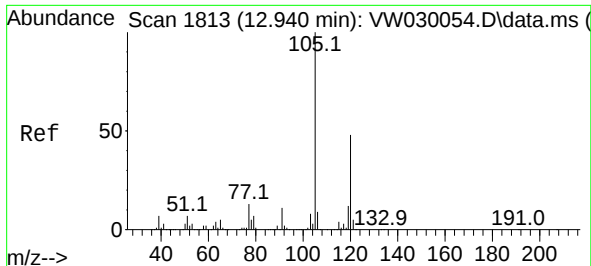
Tgt Ion:105 Resp: 278952
Ion Ratio Lower Upper
105 100
120 25.3 20.6 30.8
77 16.4 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 23.500 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW030065.D
Acq: 28 Aug 2024 01:11

Tgt Ion: 75 Resp: 39316
Ion Ratio Lower Upper
75 100
77 32.1 26.0 39.0
110 36.9 31.0 46.4





#62

1,3,5-Trimethylbenzene

Concen: 22.678 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030065.D

Acq: 28 Aug 2024 01:11

Instrument :

MSVOA_W

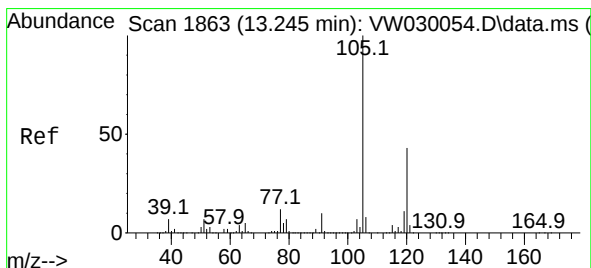
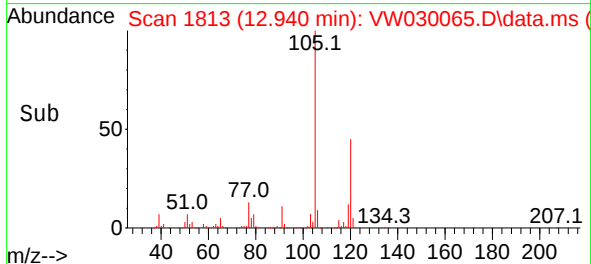
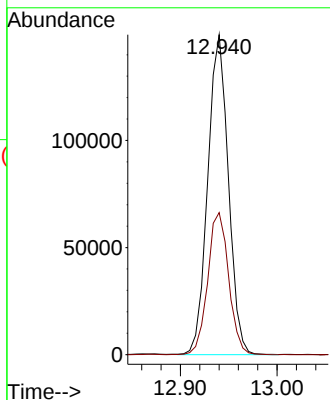
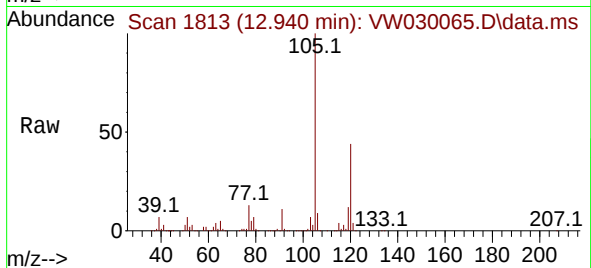
ClientSampleId :

Tgt Ion:105 Resp: 221353

Ion Ratio Lower Upper

105 100

120 45.2 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 21.462 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030065.D

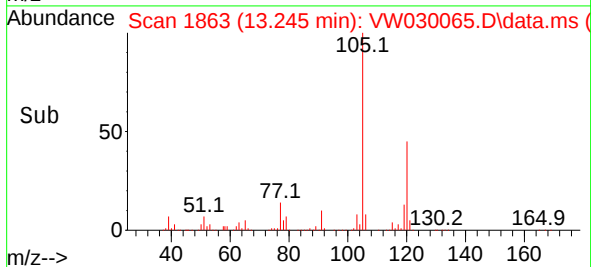
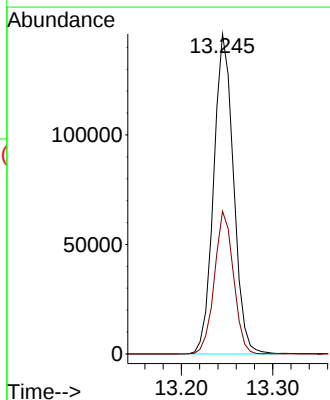
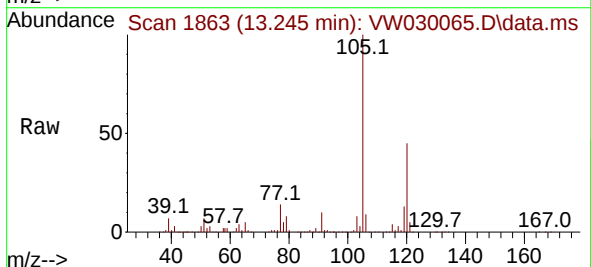
Acq: 28 Aug 2024 01:11

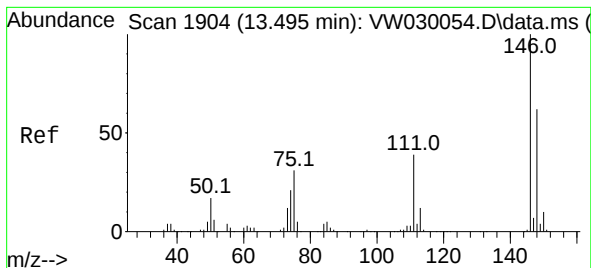
Tgt Ion:105 Resp: 220803

Ion Ratio Lower Upper

105 100

120 42.8 36.3 54.5





#64

1,3-Dichlorobenzene

Concen: 20.372 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

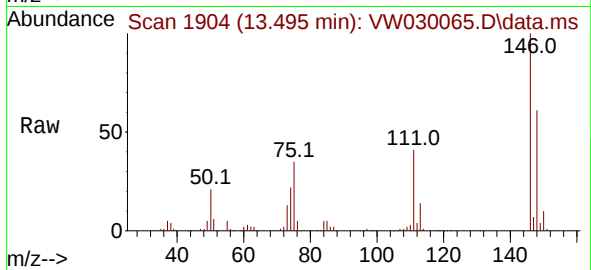
Lab File: VW030065.D

Acq: 28 Aug 2024 01:11

Instrument :

MSVOA_W

ClientSampleId :



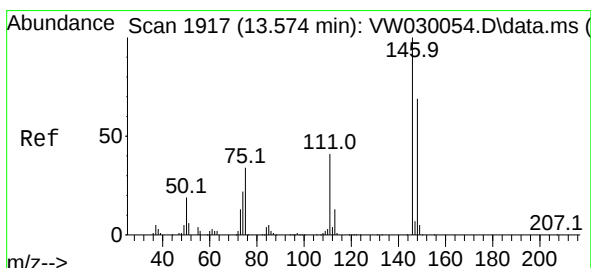
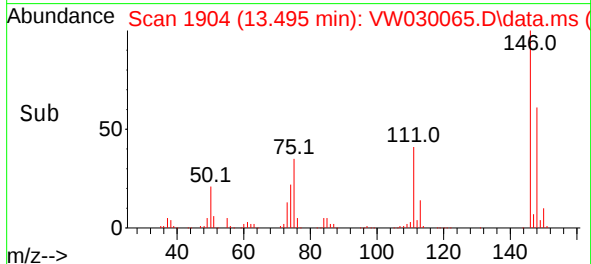
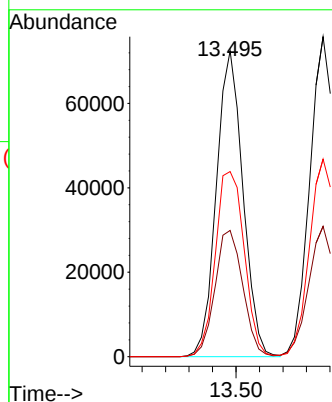
Tgt Ion:146 Resp: 114006

Ion Ratio Lower Upper

146 100

111 41.3 29.1 54.1

148 60.5 43.9 81.5



#65

1,4-Dichlorobenzene

Concen: 21.075 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030065.D

Acq: 28 Aug 2024 01:11

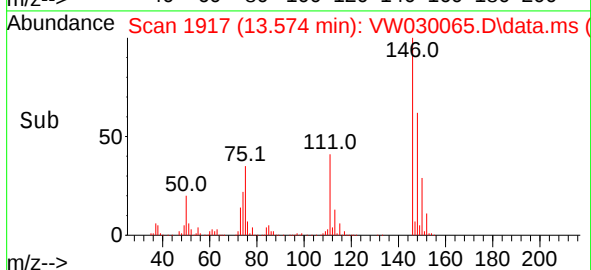
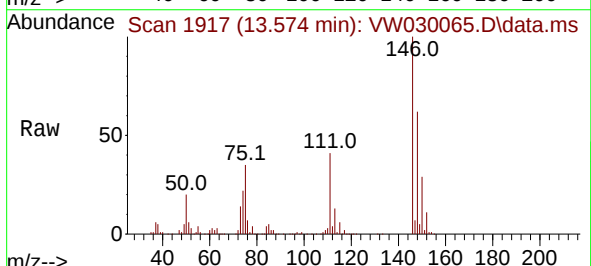
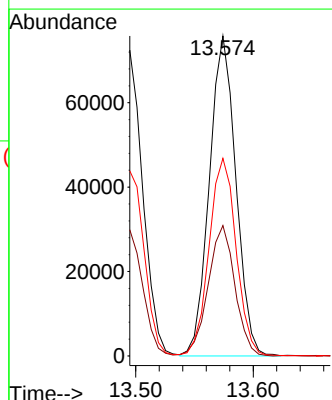
Tgt Ion:146 Resp: 119147

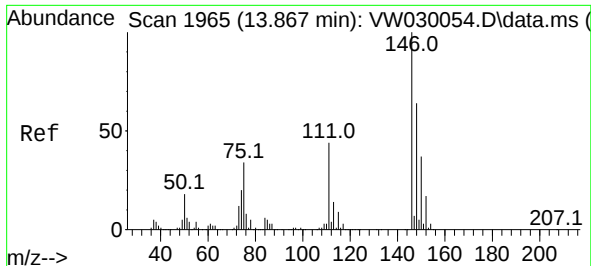
Ion Ratio Lower Upper

146 100

111 40.7 28.2 52.4

148 61.8 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 20.776 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW030065.D

Acq: 28 Aug 2024 01:11

Instrument :

MSVOA_W

ClientSampleId :

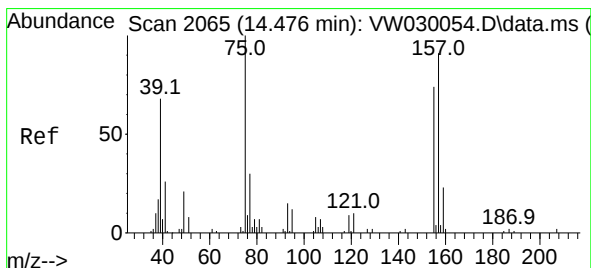
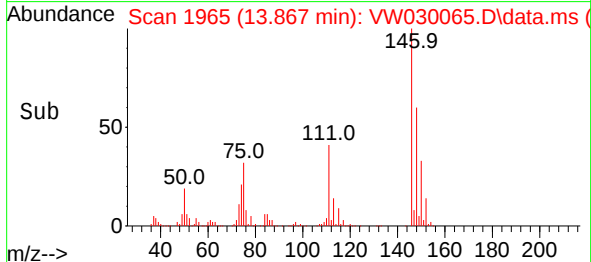
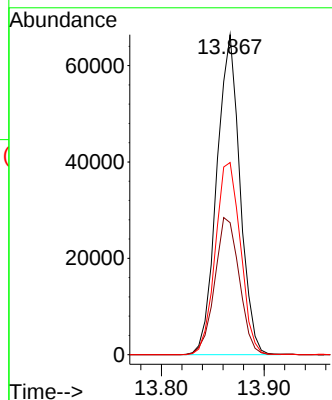
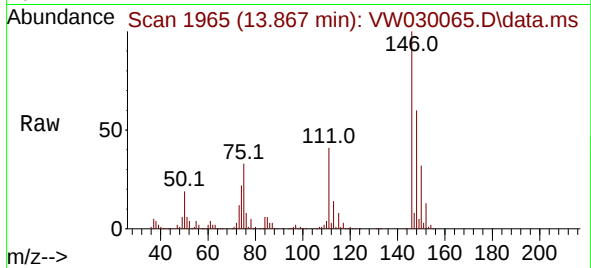
Tgt Ion:146 Resp: 104008

Ion Ratio Lower Upper

146 100

111 41.2 34.7 52.1

148 60.0 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 23.368 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW030065.D

Acq: 28 Aug 2024 01:11

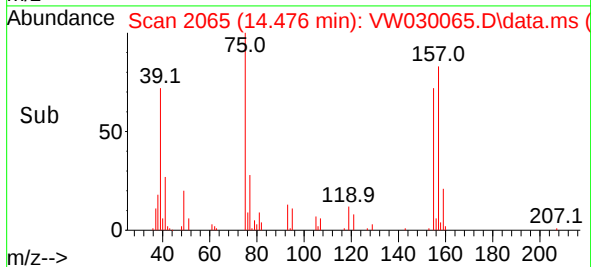
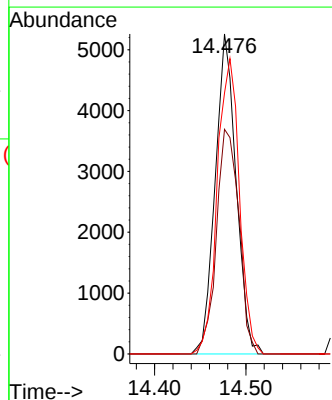
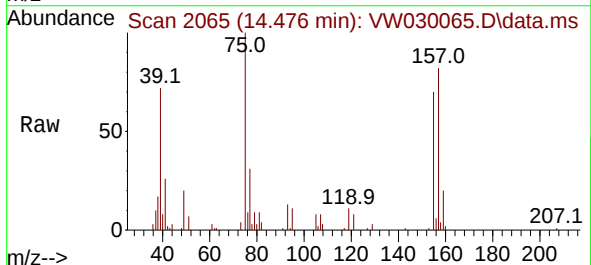
Tgt Ion: 75 Resp: 8369

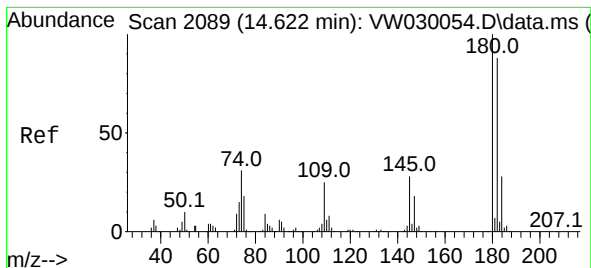
Ion Ratio Lower Upper

75 100

155 70.2 62.8 94.2

157 81.6 84.3 126.5#





#69

1,3,5-Trichlorobenzene

Concen: 19.164 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

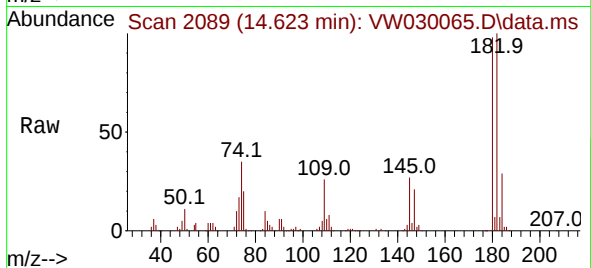
Lab File: VW030065.D

Acq: 28 Aug 2024 01:11

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 70019

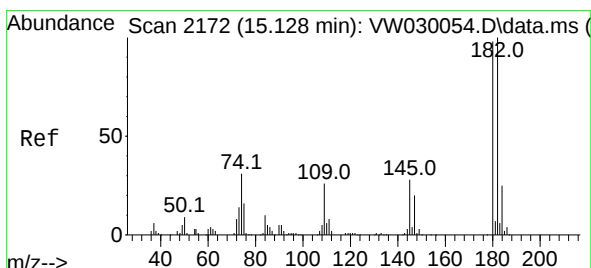
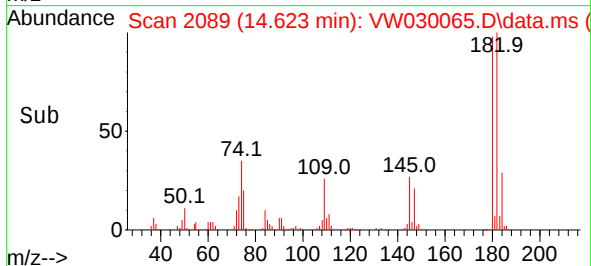
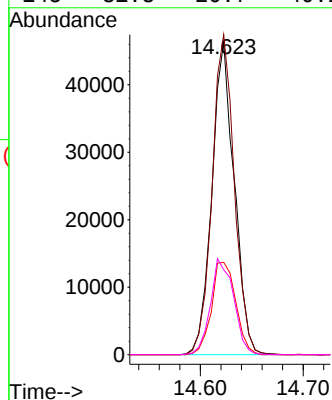
Ion Ratio Lower Upper

180 100

182 101.7 79.7 119.5

184 32.1 25.1 37.7

145 31.8 26.7 40.1



#70

1,2,4-trichlorobenzene

Concen: 19.340 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW030065.D

Acq: 28 Aug 2024 01:11

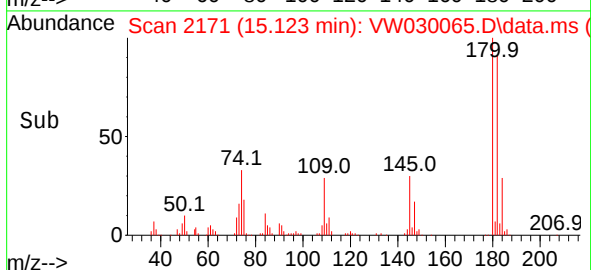
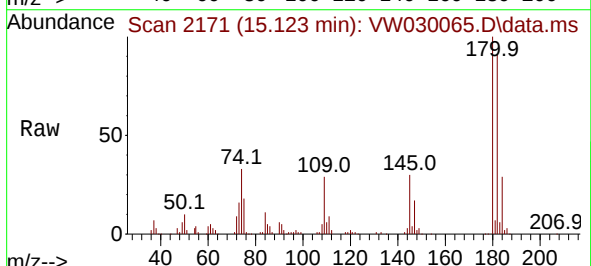
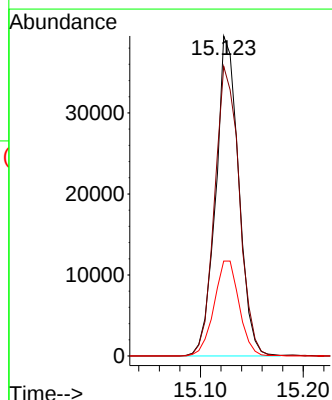
Tgt Ion:180 Resp: 61160

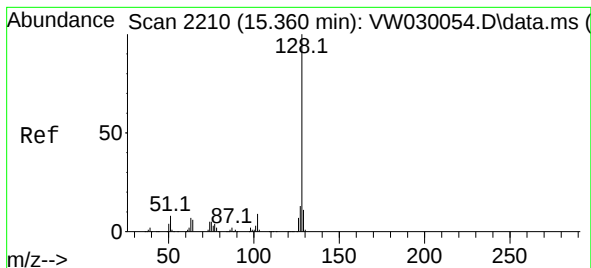
Ion Ratio Lower Upper

180 100

182 97.1 75.3 112.9

145 32.5 24.7 37.1





#71

Naphthalene

Concen: 22.028 ug/L

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VW030065.D

Acq: 28 Aug 2024 01:11

Instrument :

MSVOA_W

ClientSampleId :

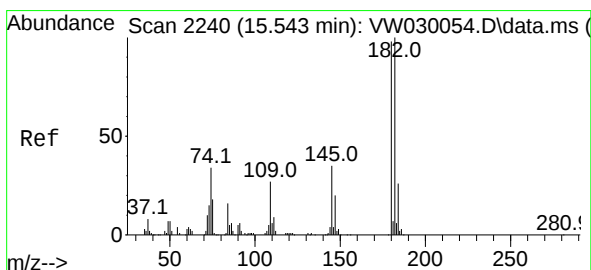
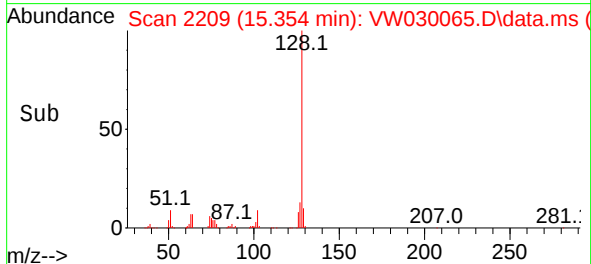
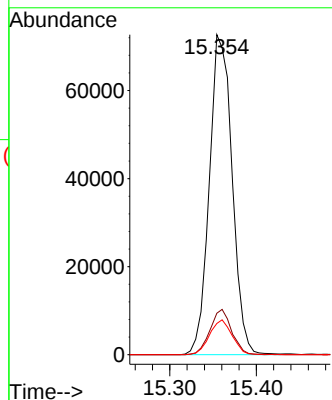
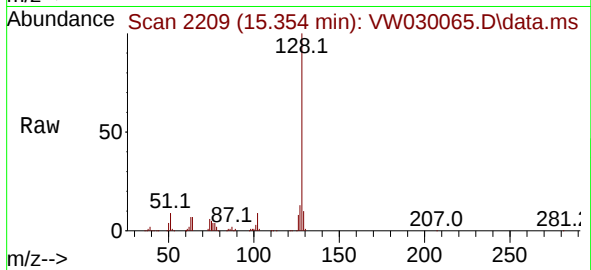
Tgt Ion:128 Resp: 133016

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

129 10.8 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 20.696 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW030065.D

Acq: 28 Aug 2024 01:11

Tgt Ion:180 Resp: 57446

Ion Ratio Lower Upper

180 100

182 98.1 77.2 115.8

145 34.6 26.5 39.7

