

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080624\
 Data File : VW029838.D
 Acq On : 06 Aug 2024 13:24
 Operator : SY/MD
 Sample : P3391-03
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 07 02:48:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 07 02:26:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	216407	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	200566	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	95300	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	50115	16.312	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.240%
7) Chloroethane-d5	2.893	69	43041	19.623	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.480%
11) 1,1-Dichloroethene-d2	4.021	65	25539	18.211	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.840%
21) 2-Butanone-d5	7.081	46	40375	47.948	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.900%
24) Chloroform-d	7.648	84	140551	25.089	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.360%
26) 1,2-Dichloroethane-d4	8.307	65	84616	26.519	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.080%
32) Benzene-d6	8.270	84	259603	23.955	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.840%
36) 1,2-Dichloropropane-d6	9.270	67	90373	26.117	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.480%
41) Toluene-d8	10.325	98	229561	23.824	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.280%
43) trans-1,3-Dichloroprop...	10.581	79	32223	23.013	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.040%
47) 2-Hexanone-d5	10.922	63	25095	43.982	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.960%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	68682	26.731	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	78118	26.399	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.259	85	73	0.025	ug/L	94
3) Chloromethane	2.216	50	4961	1.374	ug/L	94
5) Vinyl chloride	2.491	62	251	0.062	ug/L	88
6) Bromomethane	2.783	94	2997	1.349	ug/L	86
8) Chloroethane	2.936	64	2715	1.180	ug/L	99
9) Trichlorofluoromethane	3.265	101	3661	1.133	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	2007	0.624	ug/L #	78
12) 1,1-Dichloroethene	4.045	96	4173	1.412	ug/L #	1
13) Acetone	4.137	43	2638	2.521	ug/L	84
14) Carbon disulfide	4.387	76	11050	1.123	ug/L	100
15) Methyl Acetate	4.685	43	2045	1.173	ug/L #	74
16) Methylene chloride	4.923	84	10427	2.305	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	3971	1.246	ug/L	87
18) Methyl tert-butyl Ether	5.417	73	2496	0.475	ug/L #	80
19) 1,1-Dichloroethane	6.216	63	8713	1.297	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	4400	1.273	ug/L	91
22) 2-Butanone	7.283	43	146	0.109	ug/L	89
23) Bromochloromethane	7.520	128	1928	1.314	ug/L	84
25) Chloroform	7.679	83	9716	1.535	ug/L	97

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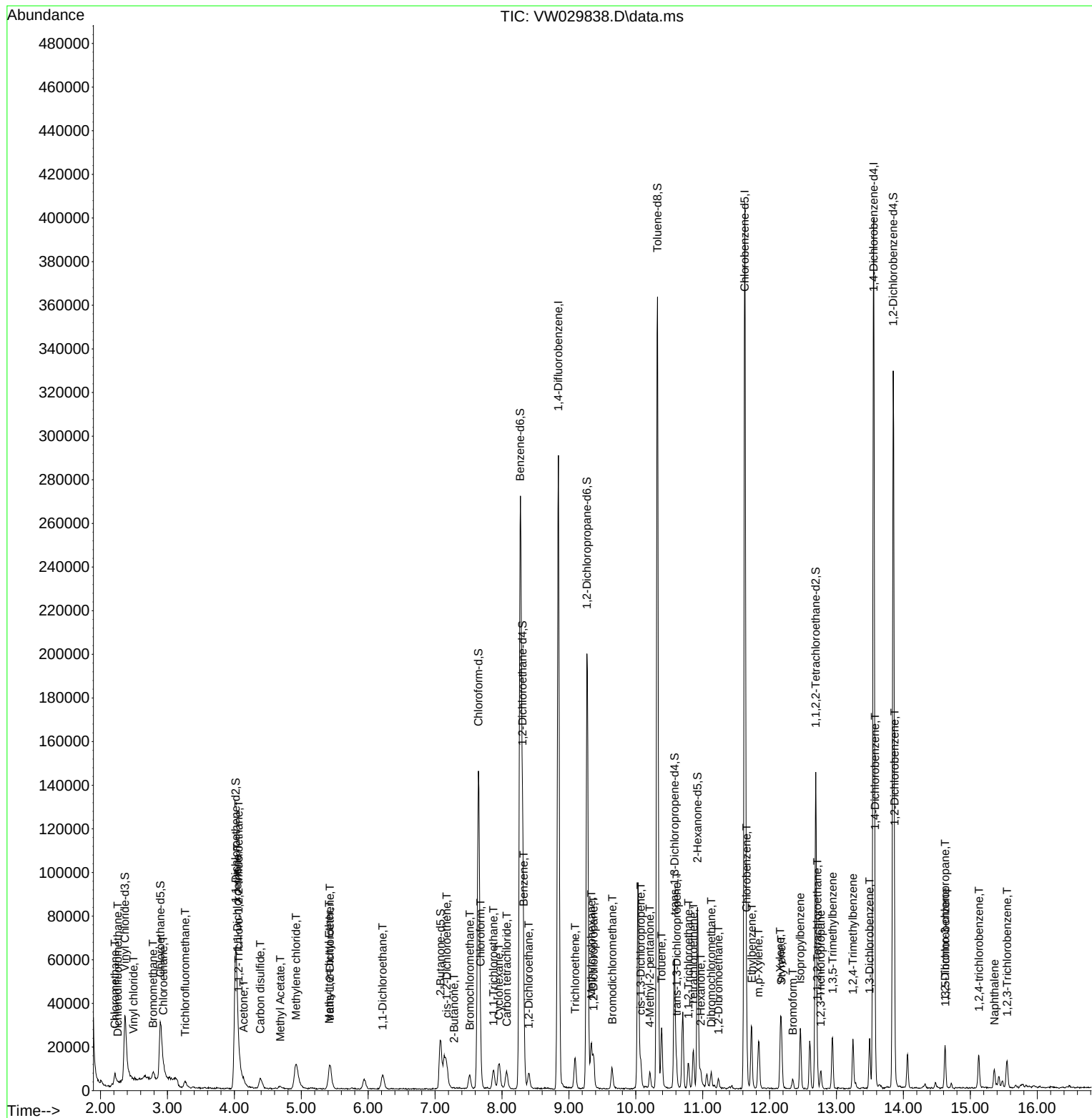
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	5892	1.277	ug/L	97
29) Cyclohexane	7.953	56	5463	0.958	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	6484	1.277	ug/L	99
31) Carbon tetrachloride	8.069	117	5601	1.224	ug/L	95
33) Benzene	8.325	78	18620	1.355	ug/L	100
34) Trichloroethene	9.093	95	4709	1.307	ug/L	98
35) Methylcyclohexane	9.337	83	6207	1.034	ug/L	92
37) 1,2-Dichloropropane	9.368	63	4932	1.310	ug/L #	96
38) Bromodichloromethane	9.648	83	5943	1.325	ug/L	90
39) cis-1,3-Dichloropropene	10.075	75	6848	1.249	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	5013	2.096	ug/L #	96
42) Toluene	10.386	91	18012	1.284	ug/L	97
44) trans-1,3-Dichloropropene	10.611	75	7171	1.575	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	3389	1.340	ug/L	94
46) Tetrachloroethene	10.861	164	3609	1.378	ug/L	96
48) 2-Hexanone	10.971	43	3303	1.844	ug/L #	80
49) Dibromochloromethane	11.129	129	3325	1.266	ug/L	85
50) 1,2-Dibromoethane	11.233	107	3005	1.284	ug/L #	94
51) Chlorobenzene	11.654	112	11556	1.324	ug/L	96
52) Ethylbenzene	11.733	91	18699	1.182	ug/L	99
53) m,p-Xylene	11.837	106	6446	1.108	ug/L	89
54) o-Xylene	12.160	106	5837	1.089	ug/L	97
55) Styrene	12.178	104	9203	0.991	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	4581	1.475	ug/L #	94
59) Bromoform	12.349	173	1901	1.326	ug/L	97
60) Isopropylbenzene	12.458	105	15217	1.032	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	3191	1.377	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	11777	1.074	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	10902	0.930	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	7859	1.249	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	8639	1.337	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	7612	1.329	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.623	75	1270	2.413	ug/L #	14
69) 1,3,5-Trichlorobenzene	14.629	180	5242	1.218	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	4422	1.219	ug/L #	83
71) Naphthalene	15.360	128	6531	0.944	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	3407	1.038	ug/L	91

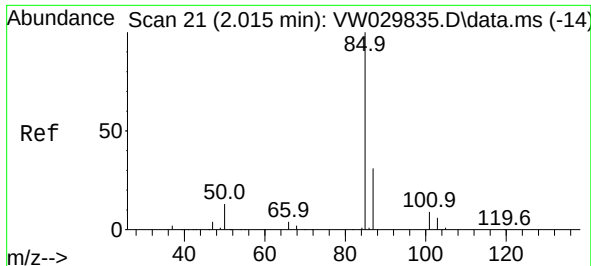
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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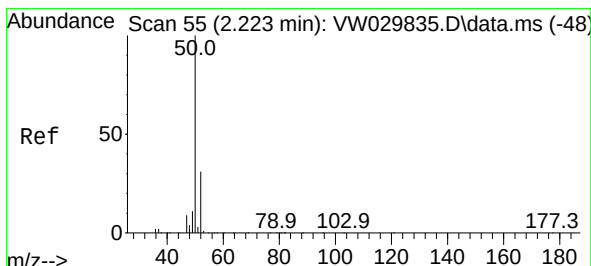
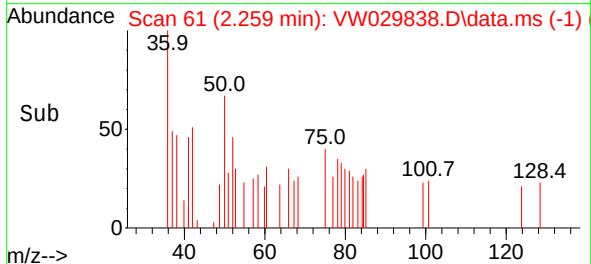
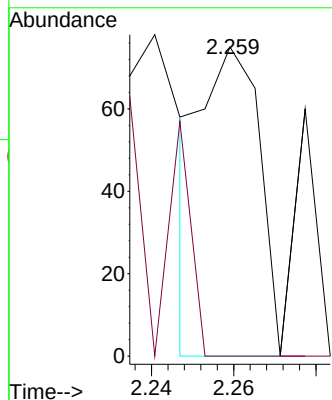
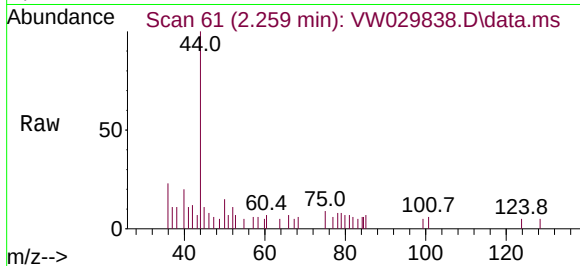




#2
Dichlorodifluoromethane
Concen: 0.025 ug/L
RT: 2.259 min Scan# 61
Delta R.T. 0.244 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

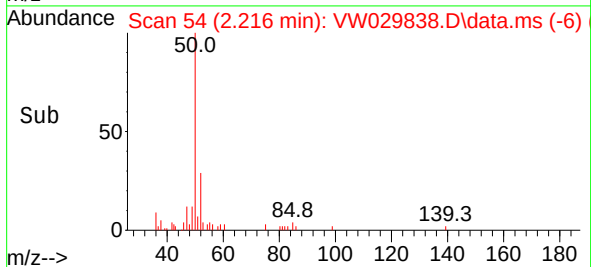
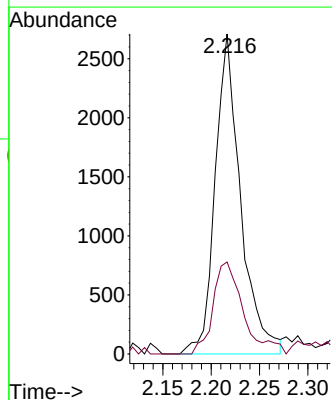
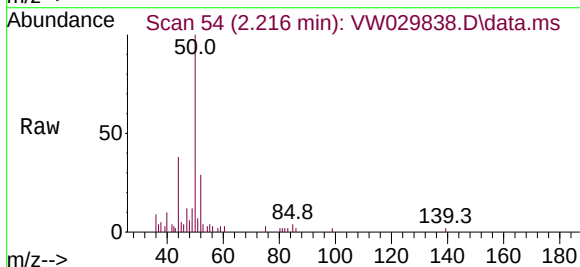
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MSVOA_W
ClientSampleId :

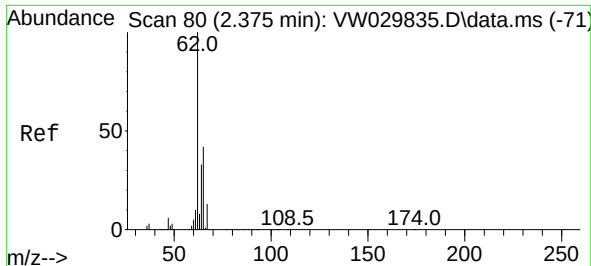
Tgt Ion: 85 Resp: 73
Ion Ratio Lower Upper
85 100
87 28.8 25.5 38.3



#3
Chloromethane
Concen: 1.374 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

Tgt Ion: 50 Resp: 4961
Ion Ratio Lower Upper
50 100
52 28.8 22.5 41.9

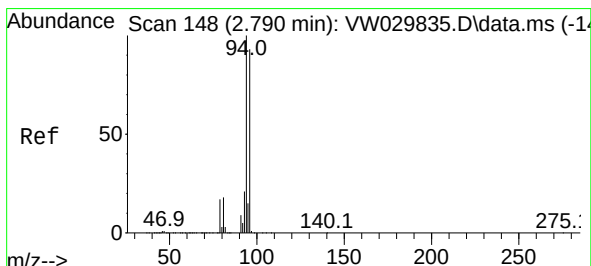
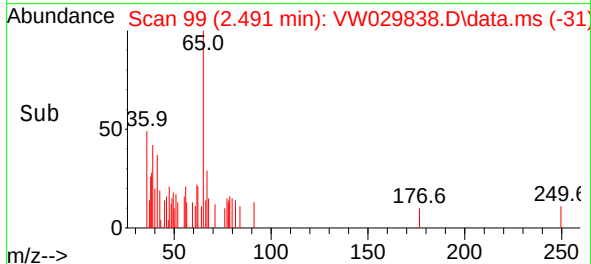
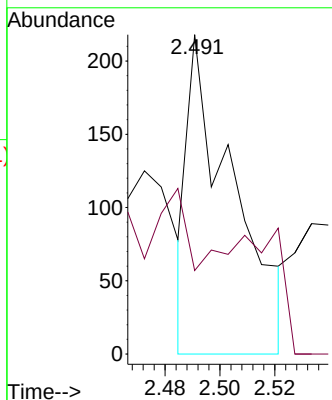
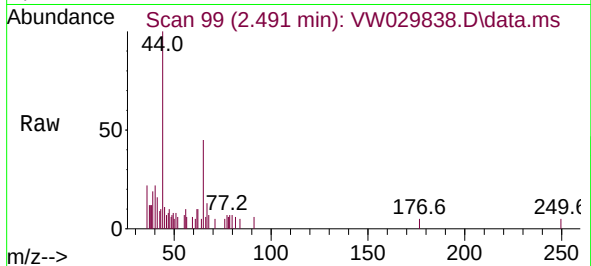




#5
 Vinyl chloride
 Concen: 0.062 ug/L
 RT: 2.491 min Scan# 90
 Delta R.T. 0.116 min
 Lab File: VW029838.D
 Acq: 06 Aug 2024 13:24

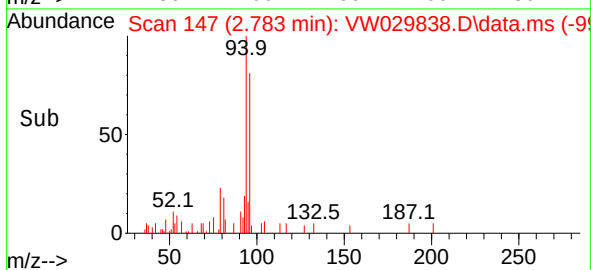
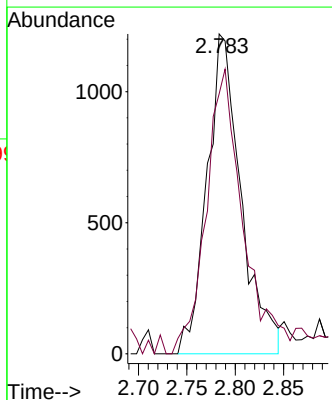
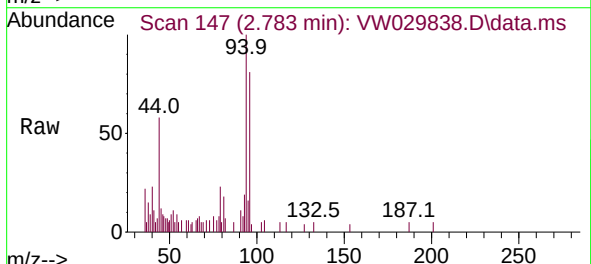
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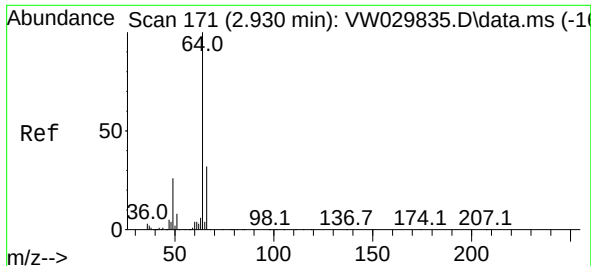
Tgt Ion: 62 Resp: 251
 Ion Ratio Lower Upper
 62 100
 64 26.1 23.2 43.2



#6
 Bromomethane
 Concen: 1.349 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW029838.D
 Acq: 06 Aug 2024 13:24

Tgt Ion: 94 Resp: 2997
 Ion Ratio Lower Upper
 94 100
 96 81.3 66.2 123.0

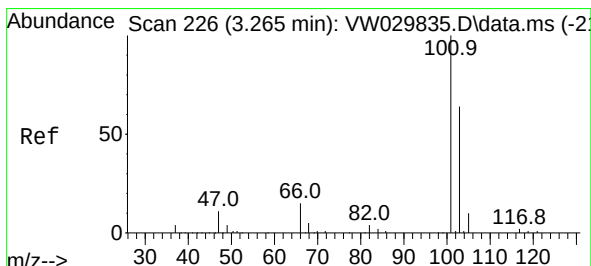
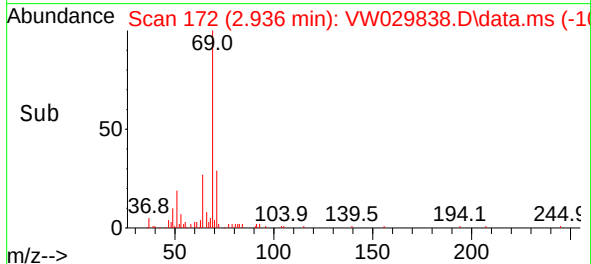
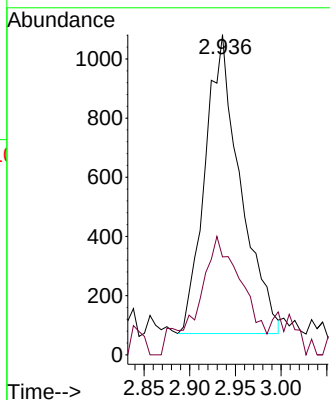
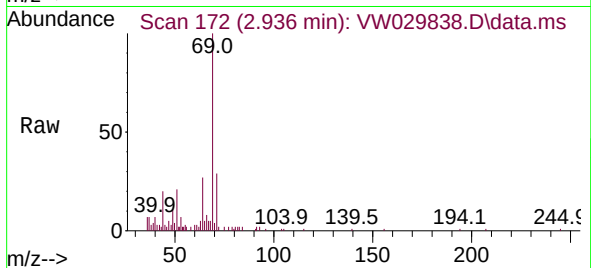




#8
Chloroethane
Concen: 1.180 ug/L
RT: 2.936 min Scan# 171
Delta R.T. 0.006 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

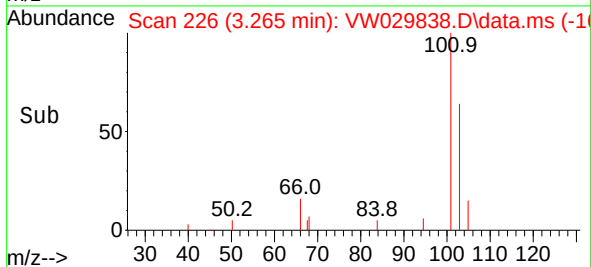
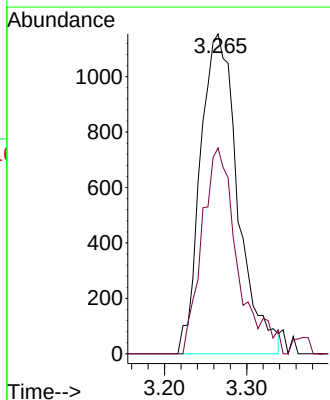
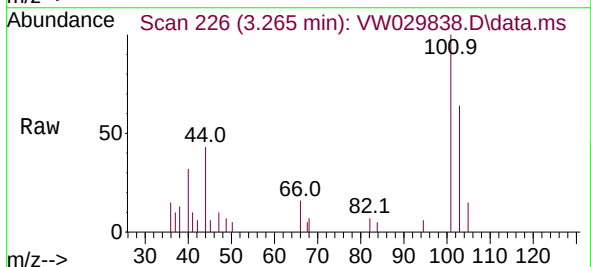
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MSVOA_W
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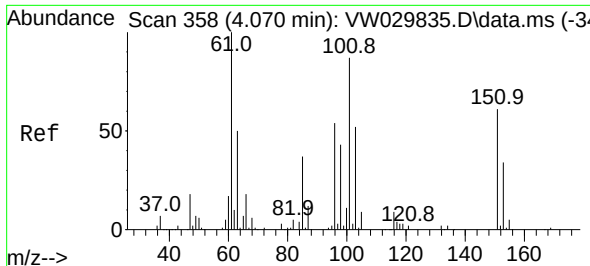
Tgt Ion: 64 Resp: 2715
Ion Ratio Lower Upper
64 100
66 30.6 21.2 39.4



#9
Trichlorofluoromethane
Concen: 1.133 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

Tgt Ion: 101 Resp: 3661
Ion Ratio Lower Upper
101 100
103 57.1 51.0 76.4





#10

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

Concen: 0.624 ug/L

RT: 4.064 min Scan# 357

Delta R.T. -0.006 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Instrument :

MSVOA_W

ClientSampleId :

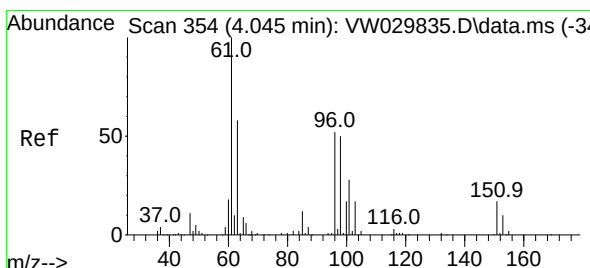
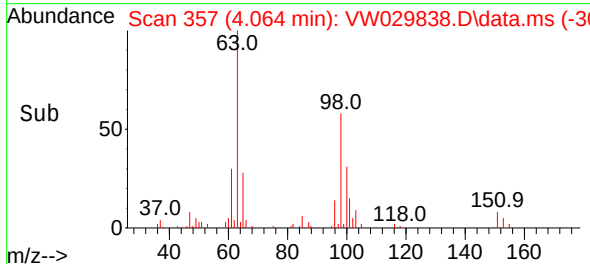
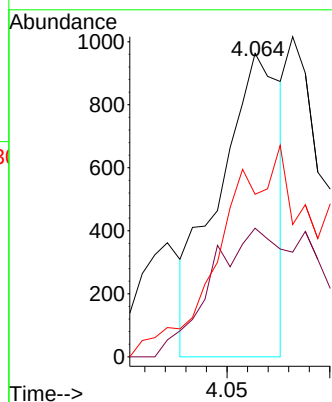
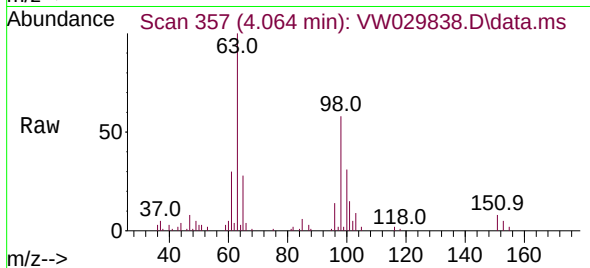
Tgt Ion:101 Resp: 2007

Ion Ratio Lower Upper

101 100

85 33.1 34.2 51.4#

151 46.2 54.2 81.2#



#12

1,1-Dichloroethene

Concen: 1.412 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

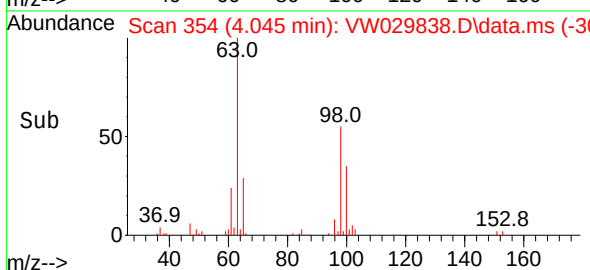
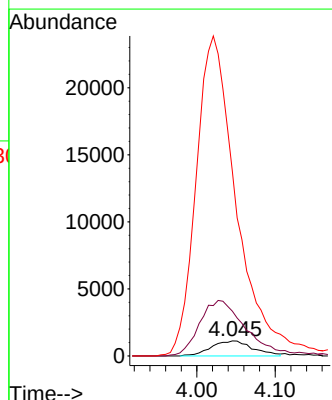
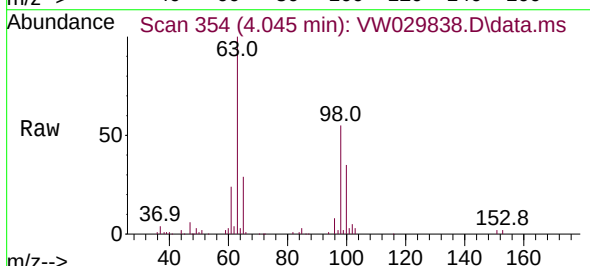
Tgt Ion: 96 Resp: 4173

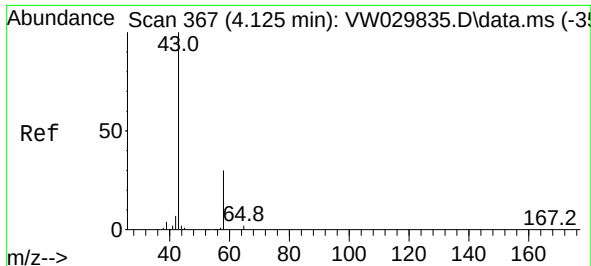
Ion Ratio Lower Upper

96 100

61 298.8 138.3 256.9#

63 1232.9 89.0 165.4#

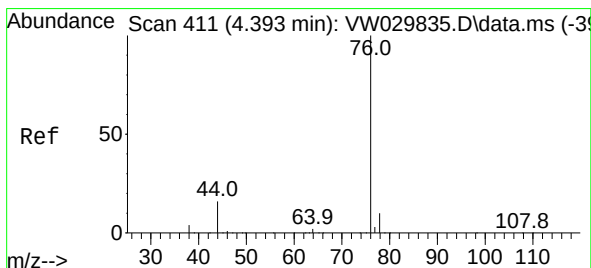
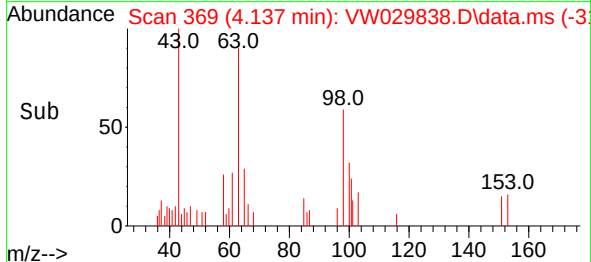
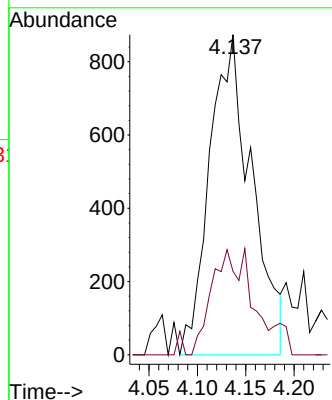
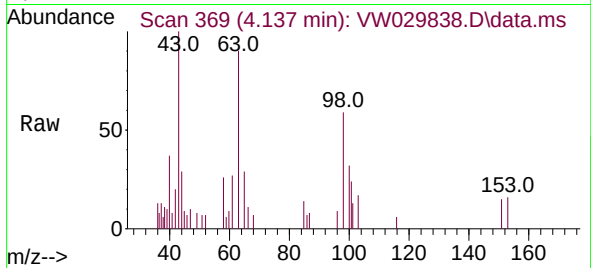




#13
Acetone
Concen: 2.521 ug/L
RT: 4.137 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

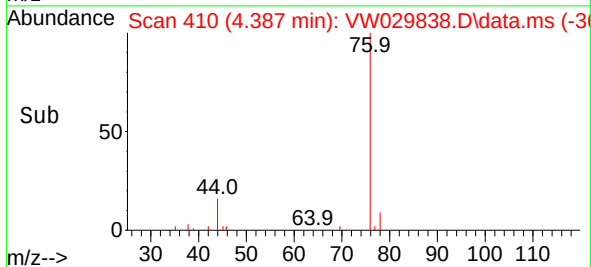
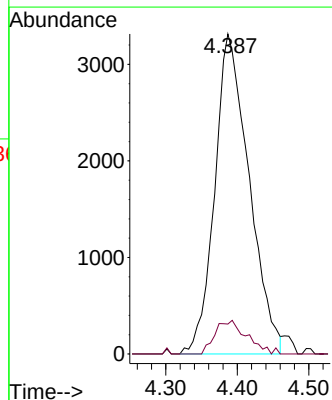
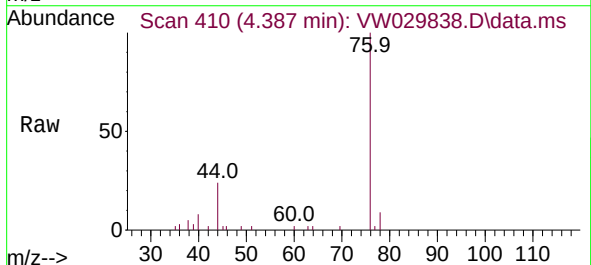
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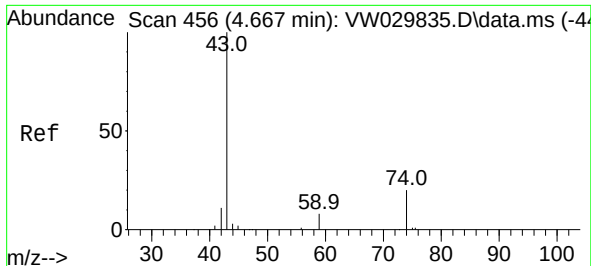
Tgt Ion: 43 Resp: 2638
Ion Ratio Lower Upper
43 100
58 20.4 0.0 57.6



#14
Carbon disulfide
Concen: 1.123 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

Tgt Ion: 76 Resp: 11050
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4





#15

Methyl Acetate

Concen: 1.173 ug/L

RT: 4.685 min Scan# 456

Delta R.T. 0.018 min

Lab File: VW029838.D

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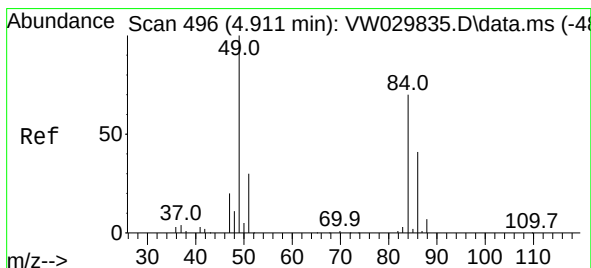
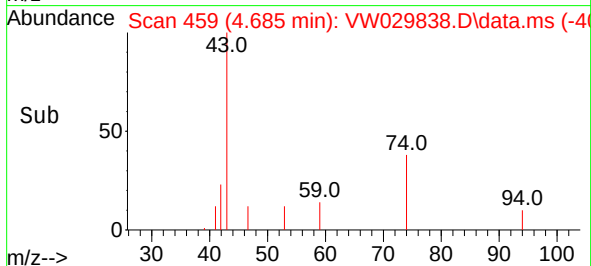
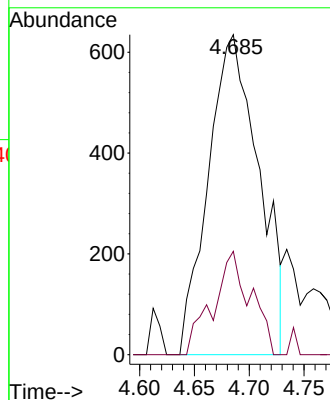
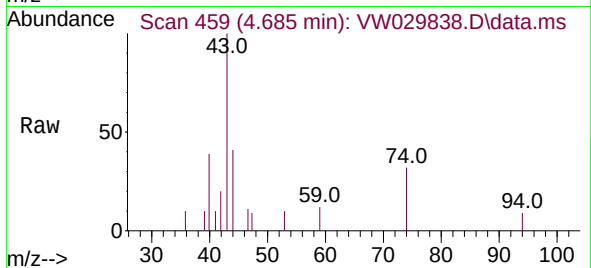
ClientSampleId :

Tgt Ion: 43 Resp: 2045

Ion Ratio Lower Upper

43 100

74 8.4 16.5 24.7#



#16

Methylene chloride

Concen: 2.305 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.012 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

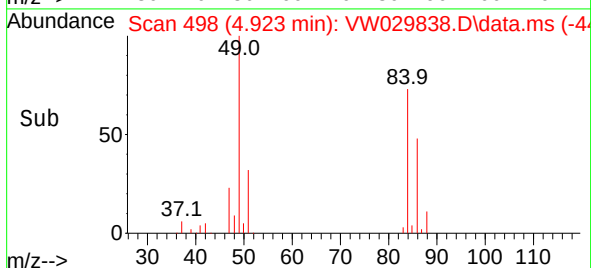
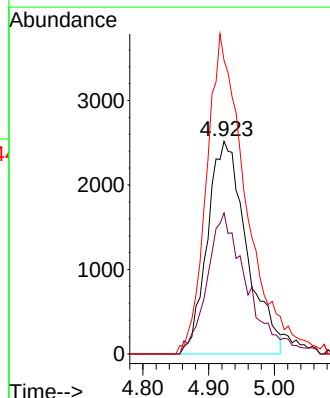
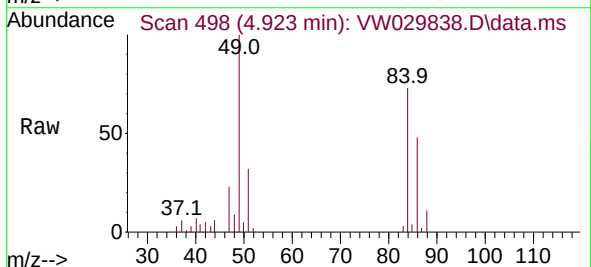
Tgt Ion: 84 Resp: 10427

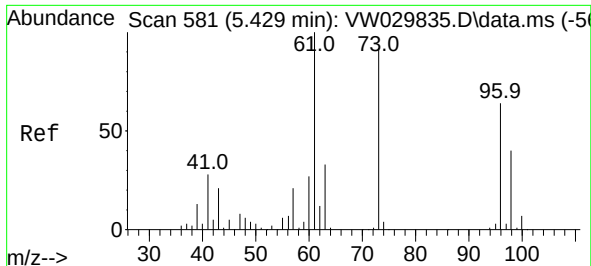
Ion Ratio Lower Upper

84 100

86 66.2 44.7 82.9

49 137.9 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 1.246 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Instrument :

MSVOA_W

ClientSampleId :

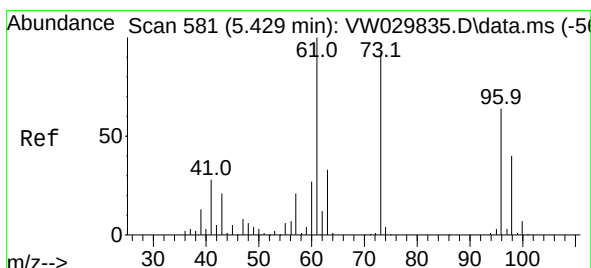
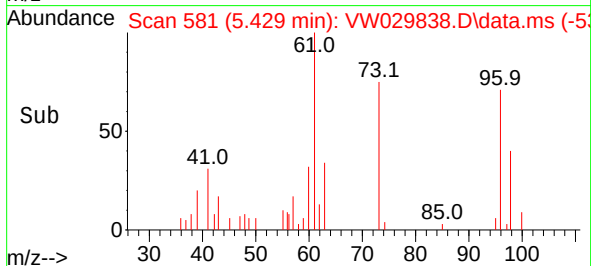
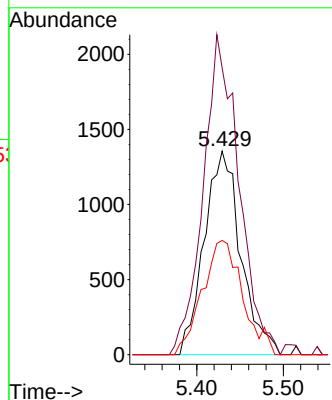
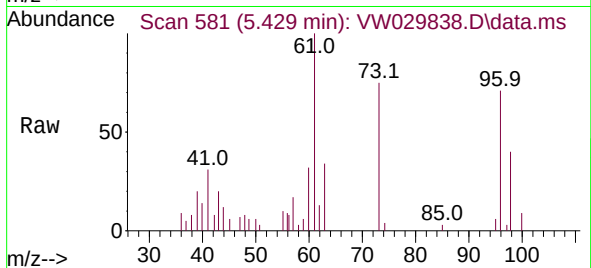
Tgt Ion: 96 Resp: 3971

Ion Ratio Lower Upper

96 100

61 141.0 111.2 206.6

98 56.2 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 0.475 ug/L

RT: 5.417 min Scan# 579

Delta R.T. -0.012 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

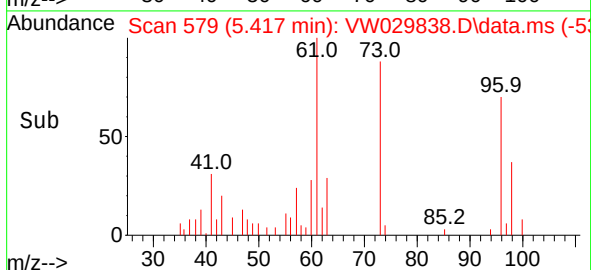
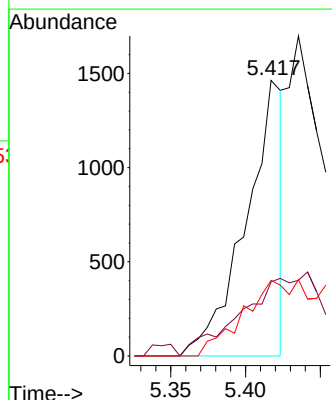
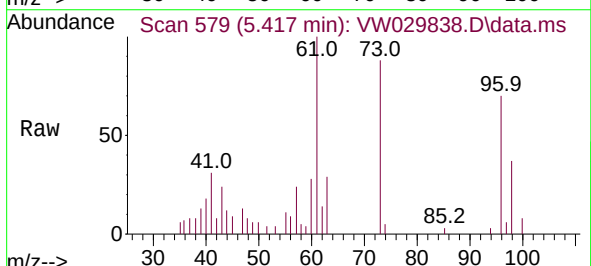
Tgt Ion: 73 Resp: 2496

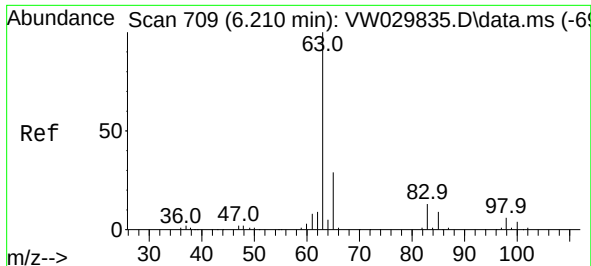
Ion Ratio Lower Upper

73 100

43 16.0 18.3 27.5#

57 34.8 17.9 26.9#





#19

1,1-Dichloroethane

Concen: 1.297 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Instrument :

MSVOA_W

ClientSampleId :

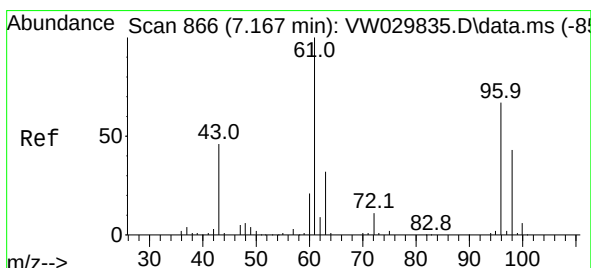
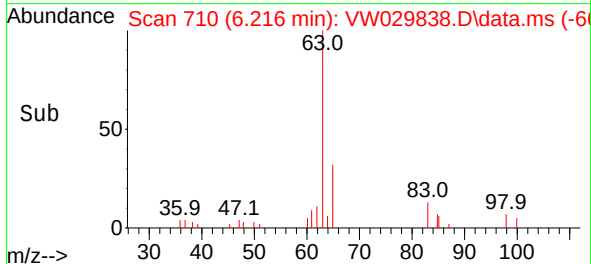
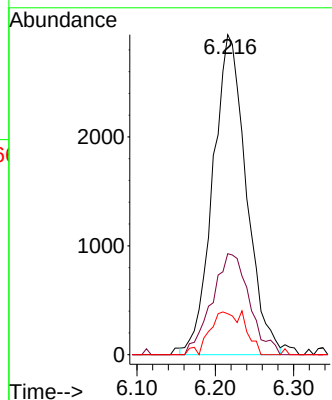
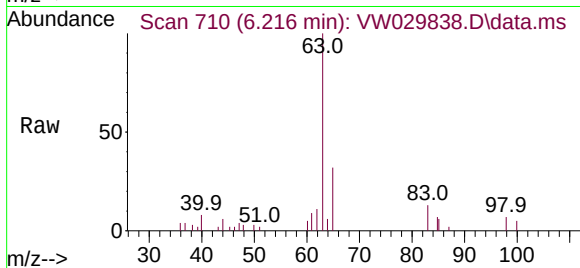
Tgt Ion: 63 Resp: 8713

Ion Ratio Lower Upper

63 100

65 31.6 22.3 41.3

83 12.8 8.5 15.7



#20

cis-1,2-Dichloroethene

Concen: 1.273 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

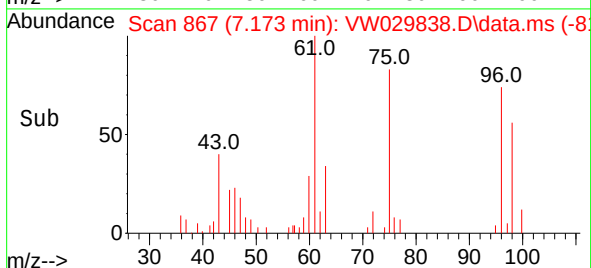
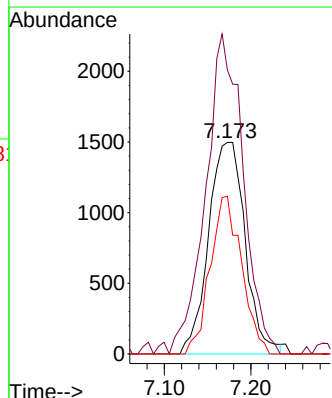
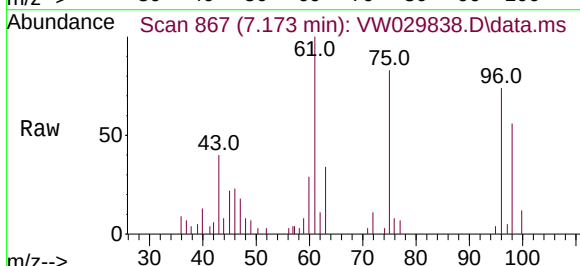
Tgt Ion: 96 Resp: 4400

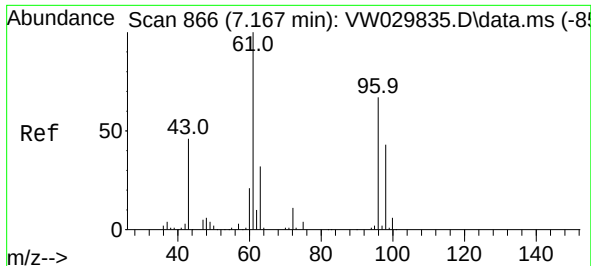
Ion Ratio Lower Upper

96 100

61 134.3 98.2 182.4

98 74.6 41.9 77.9





#22

2-Butanone

Concen: 0.109 ug/L

RT: 7.283 min Scan# 866

Delta R.T. 0.116 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Instrument :

MSVOA_W

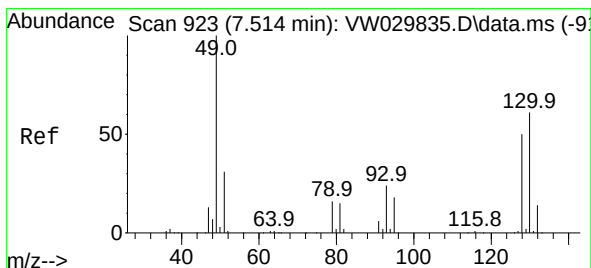
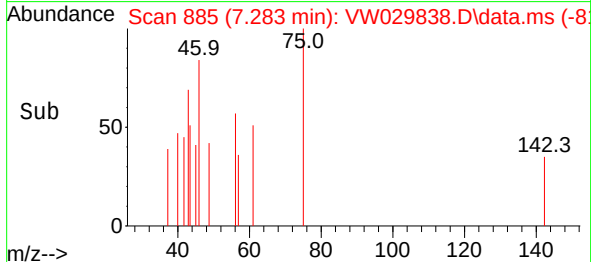
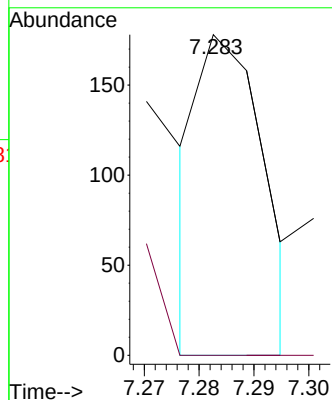
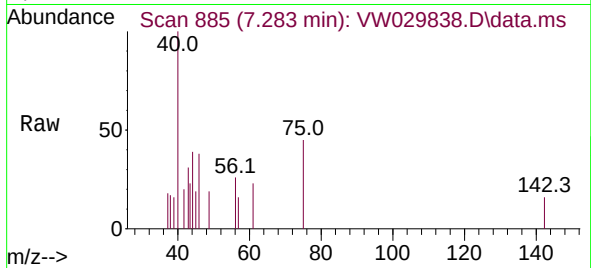
ClientSampleId :

Tgt Ion: 43 Resp: 146

Ion Ratio Lower Upper

43 100

72 28.8 11.7 35.1



#23

Bromochloromethane

Concen: 1.314 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Tgt Ion: 128 Resp: 1928

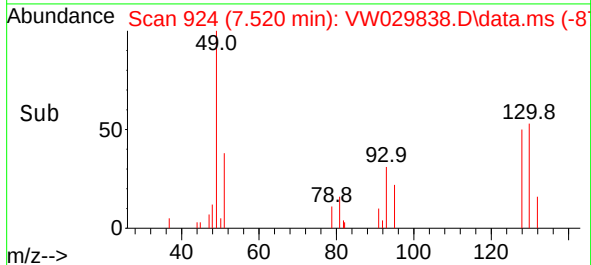
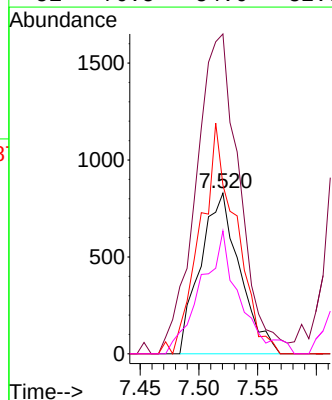
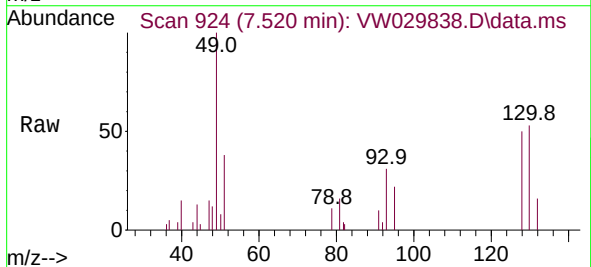
Ion Ratio Lower Upper

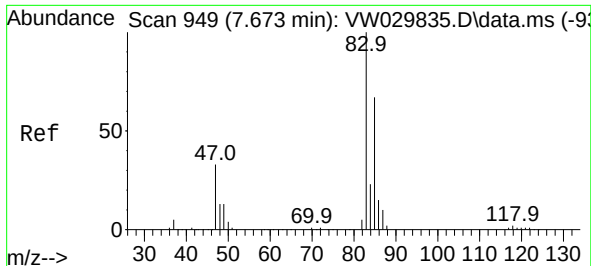
128 100

49 199.0 151.1 280.7

130 105.1 96.8 179.8

51 76.5 54.6 82.0





#25

Chloroform

Concen: 1.535 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Instrument :

MSVOA_W

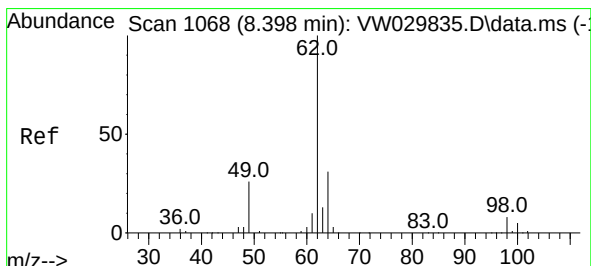
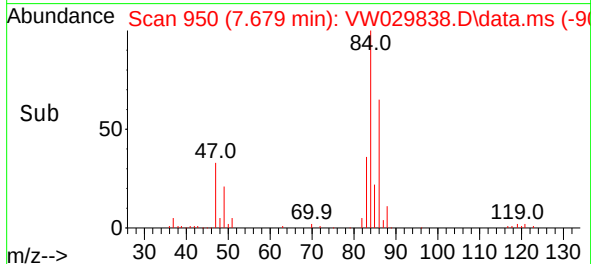
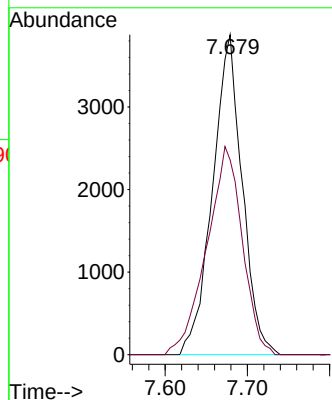
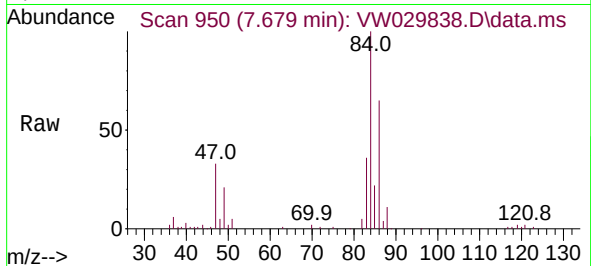
ClientSampleId :

Tgt Ion: 83 Resp: 9716

Ion Ratio Lower Upper

83 100

85 60.8 44.4 82.4



#27

1,2-Dichloroethane

Concen: 1.277 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029838.D

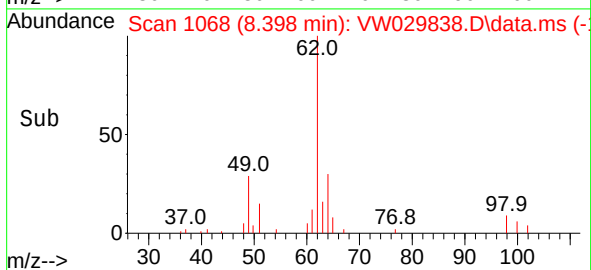
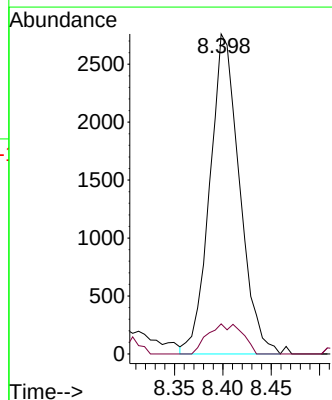
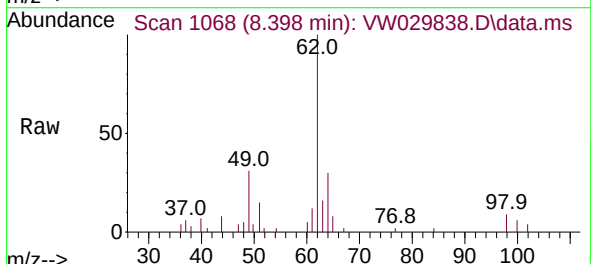
Acq: 06 Aug 2024 13:24

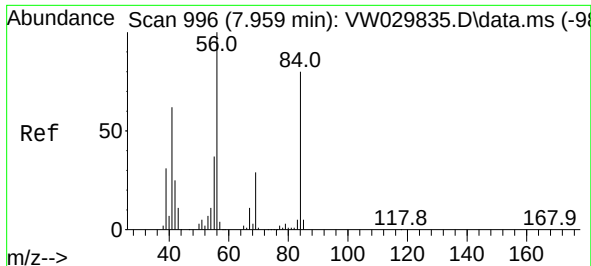
Tgt Ion: 62 Resp: 5892

Ion Ratio Lower Upper

62 100

98 9.4 6.6 10.0





#29

Cyclohexane

Concen: 0.958 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW029838.D

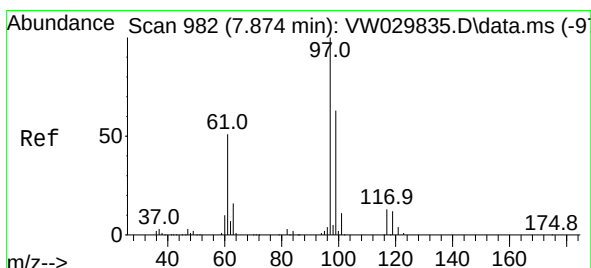
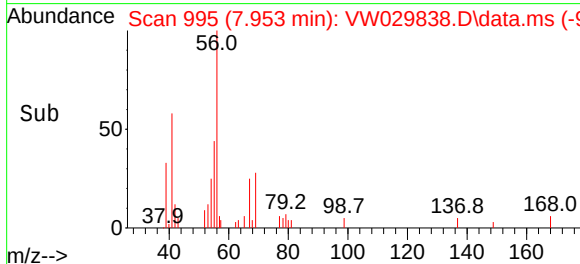
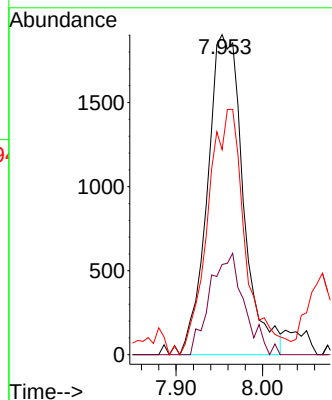
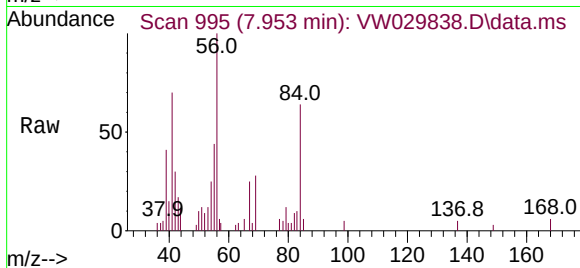
Acq: 06 Aug 2024 13:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 56	Resp: 5463
Ion Ratio	Lower Upper
56 100	
69 29.9	23.0 34.4
84 80.1	63.5 95.3



#30

1,1,1-Trichloroethane

Concen: 1.277 ug/L

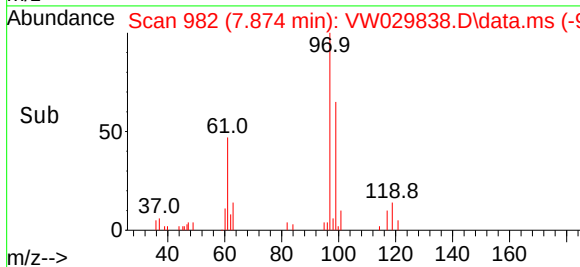
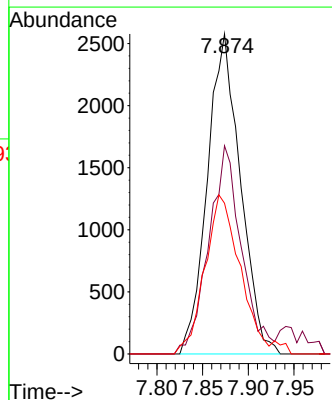
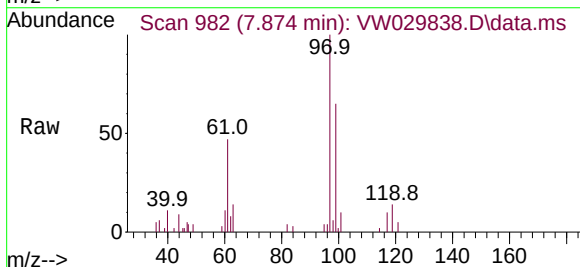
RT: 7.874 min Scan# 982

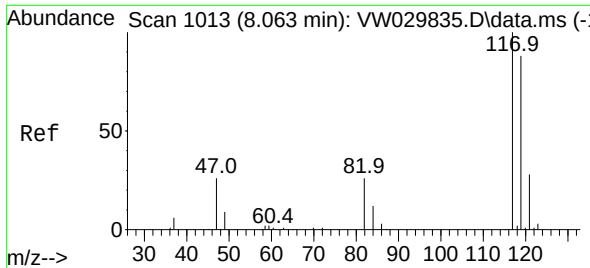
Delta R.T. -0.000 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Tgt Ion: 97	Resp: 6484
Ion Ratio	Lower Upper
97 100	
99 64.6	52.1 78.1
61 52.4	42.6 63.8

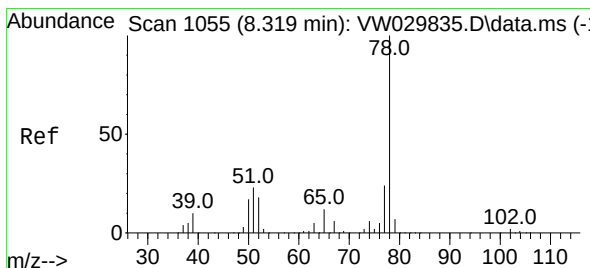
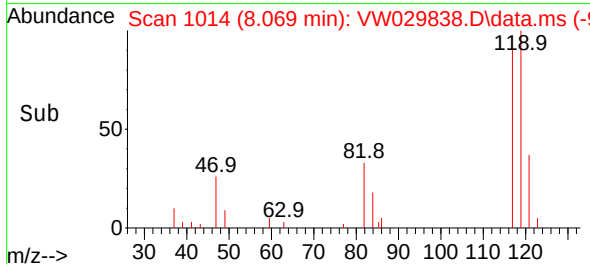
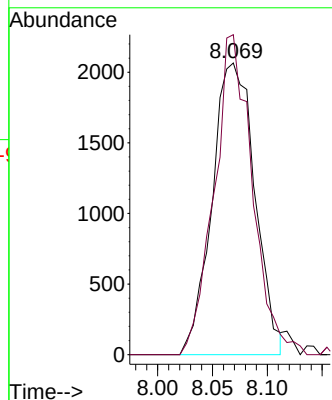
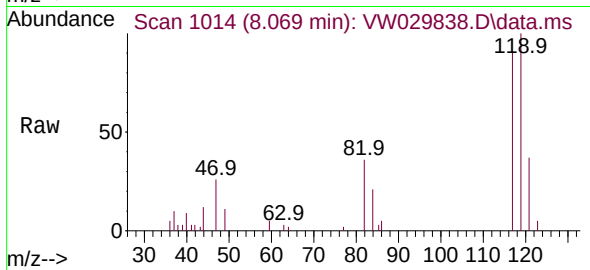




#31
Carbon tetrachloride
Concen: 1.224 ug/L
RT: 8.069 min Scan# 1013
Delta R.T. 0.006 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

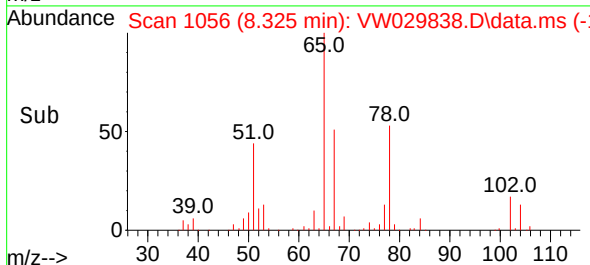
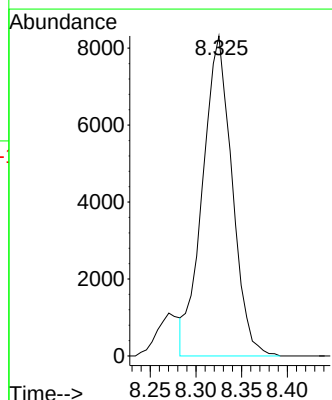
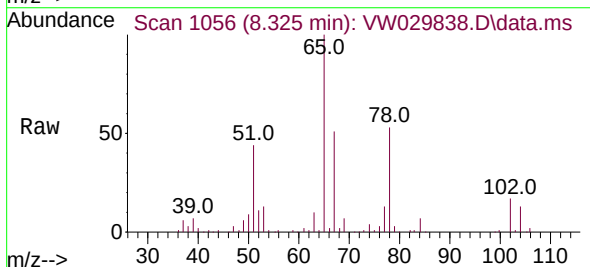
Instrument :
MSVOA_W
ClientSampleId :

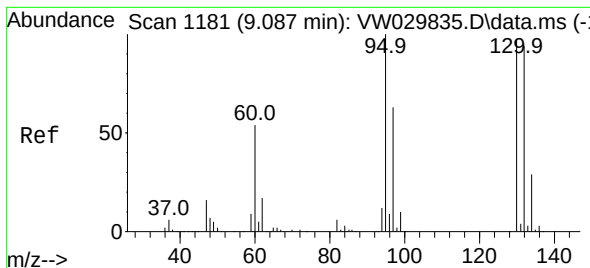
Tgt Ion:117 Resp: 5601
Ion Ratio Lower Upper
117 100
119 98.2 74.8 112.2



#33
Benzene
Concen: 1.355 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

Tgt Ion: 78 Resp: 18620





#34

Trichloroethene

Concen: 1.307 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 4709

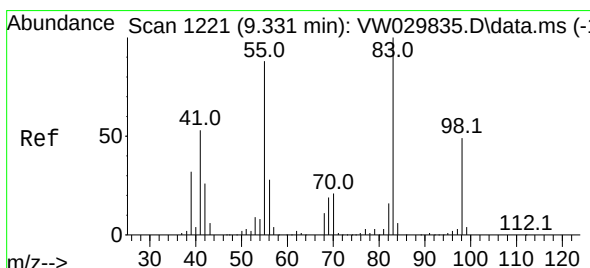
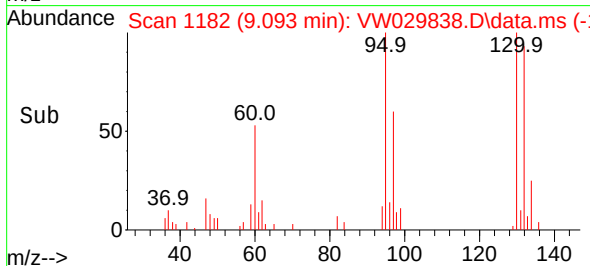
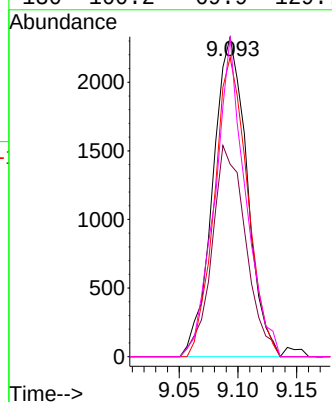
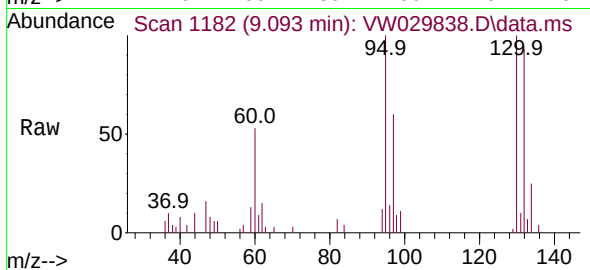
Ion Ratio Lower Upper

95 100

97 60.3 45.6 84.8

132 93.6 65.2 121.0

130 100.2 69.9 129.7



#35

Methylcyclohexane

Concen: 1.034 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

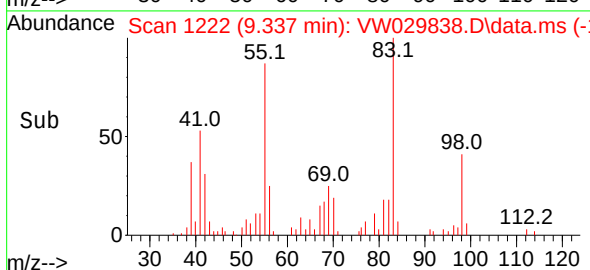
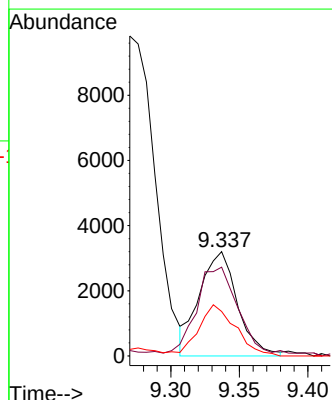
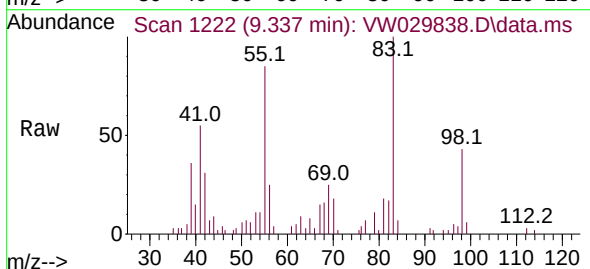
Tgt Ion: 83 Resp: 6207

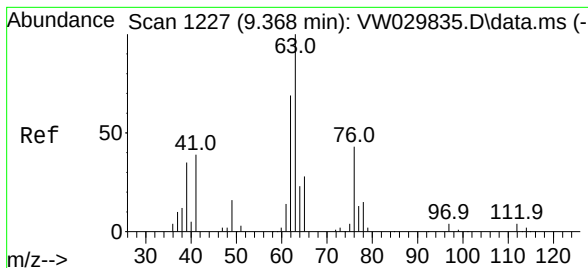
Ion Ratio Lower Upper

83 100

55 94.9 67.4 101.2

98 46.5 36.7 55.1





#37

1,2-Dichloropropane

Concen: 1.310 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Instrument :

MSVOA_W

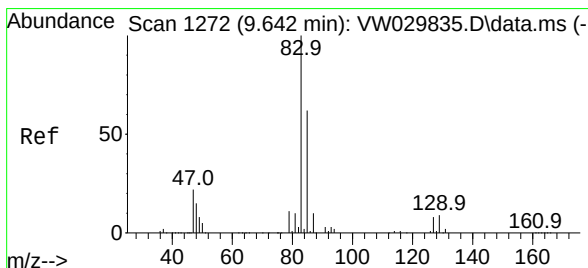
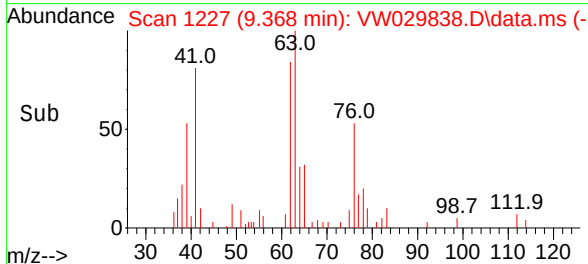
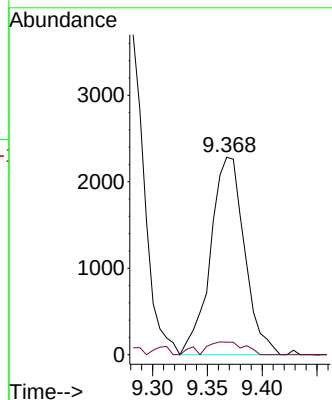
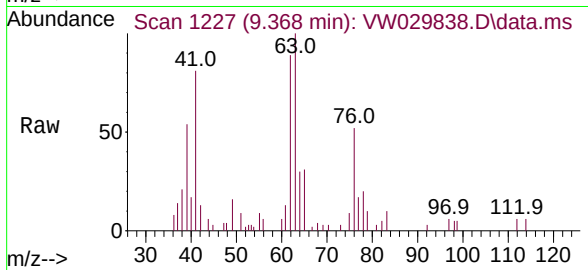
ClientSampleId :

Tgt Ion: 63 Resp: 4932

Ion Ratio Lower Upper

63 100

112 5.5 3.3 4.9#



#38

Bromodichloromethane

Concen: 1.325 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

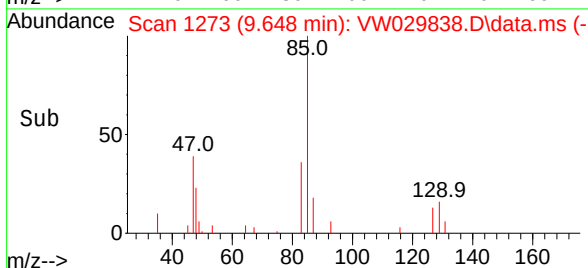
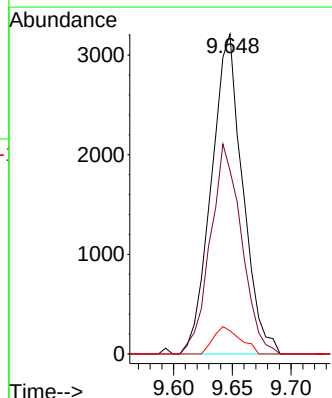
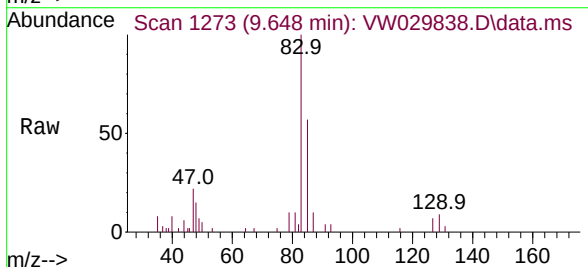
Tgt Ion: 83 Resp: 5943

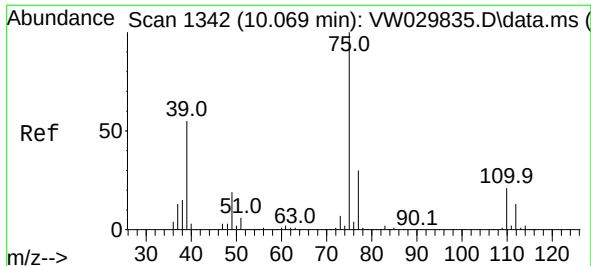
Ion Ratio Lower Upper

83 100

85 57.4 46.6 86.6

127 7.3 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 1.249 ug/L

RT: 10.075 min Scan# 1342

Delta R.T. 0.006 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Instrument :

MSVOA_W

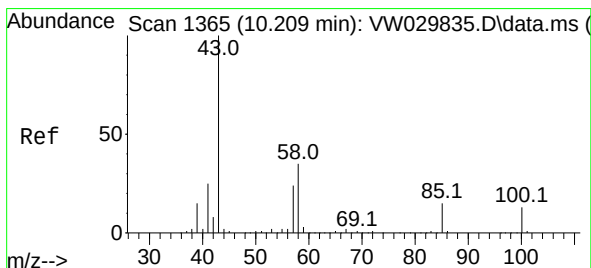
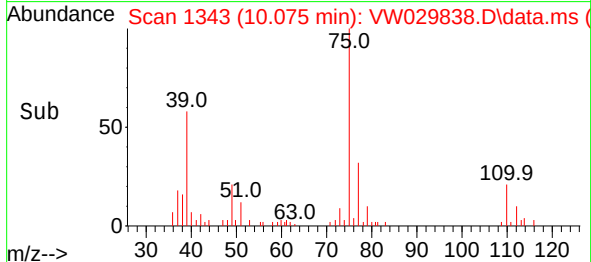
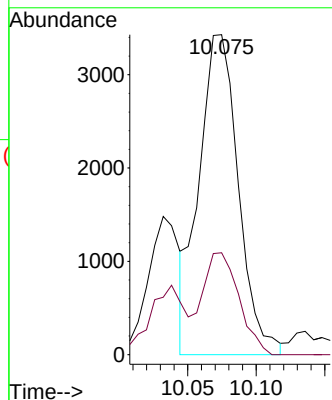
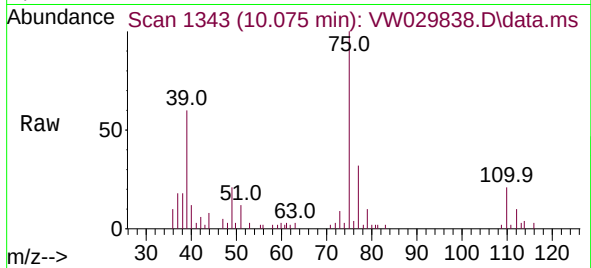
ClientSampleId :

Tgt Ion: 75 Resp: 6848

Ion Ratio Lower Upper

75 100

77 31.8 20.8 38.6



#40

4-Methyl-2-pentanone

Concen: 2.096 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

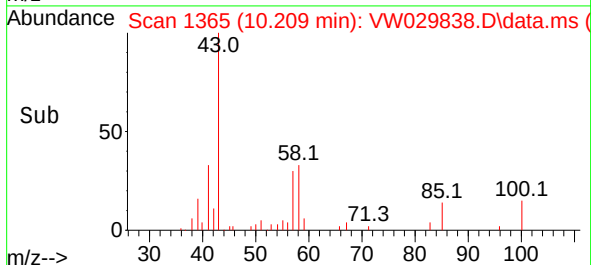
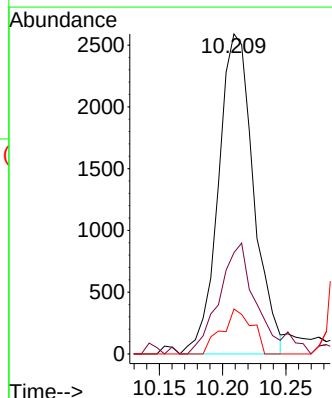
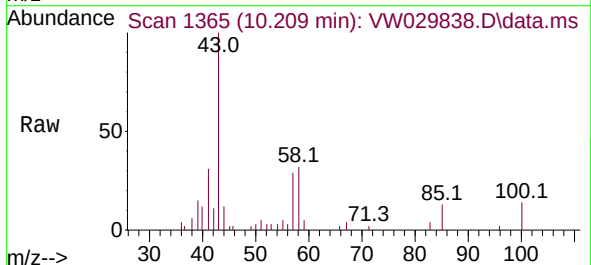
Tgt Ion: 43 Resp: 5013

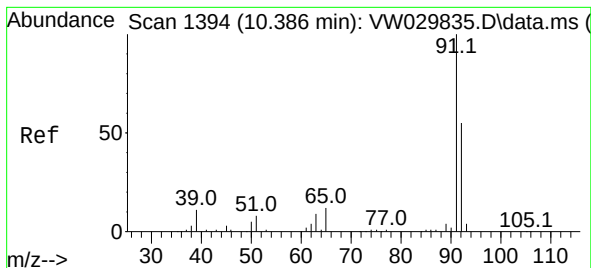
Ion Ratio Lower Upper

43 100

58 35.0 28.7 43.1

100 8.4 10.0 15.0#





#42

Toluene

Concen: 1.284 ug/L

RT: 10.386 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Instrument :

MSVOA_W

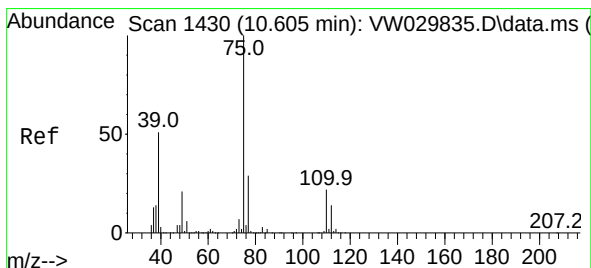
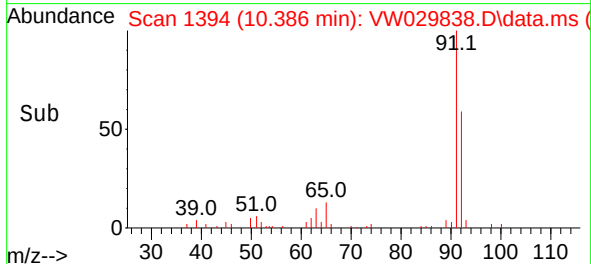
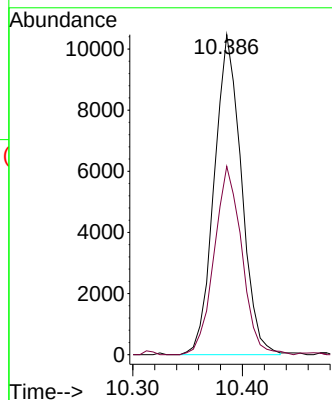
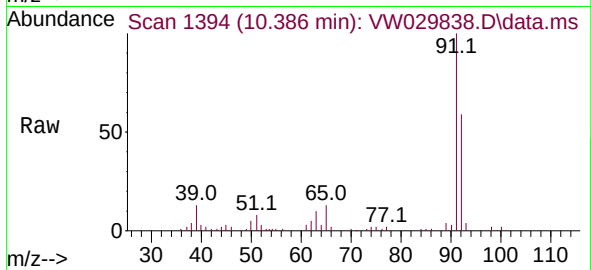
ClientSampleId :

Tgt Ion: 91 Resp: 18012

Ion Ratio Lower Upper

91 100

92 58.9 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 1.575 ug/L

RT: 10.611 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VW029838.D

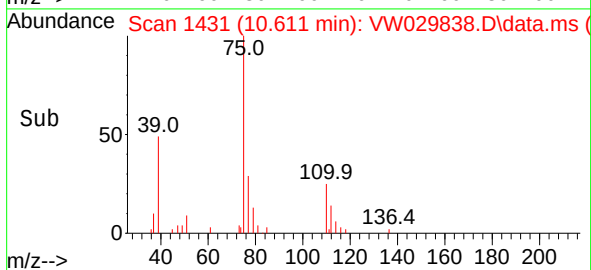
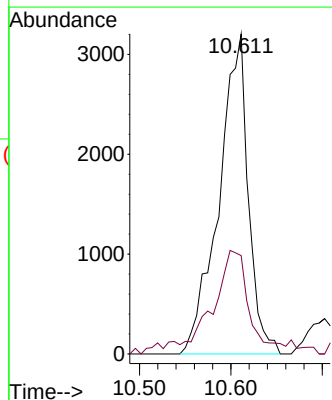
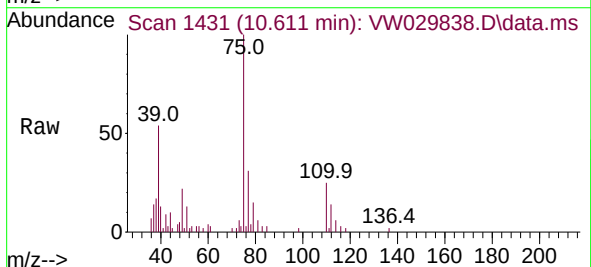
Acq: 06 Aug 2024 13:24

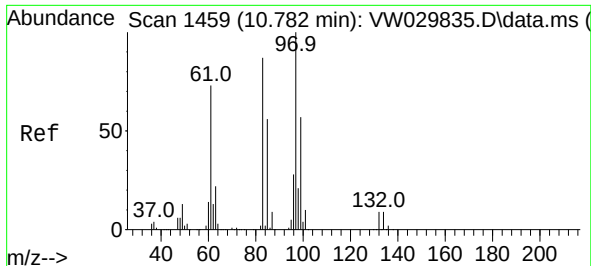
Tgt Ion: 75 Resp: 7171

Ion Ratio Lower Upper

75 100

77 30.8 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 1.340 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

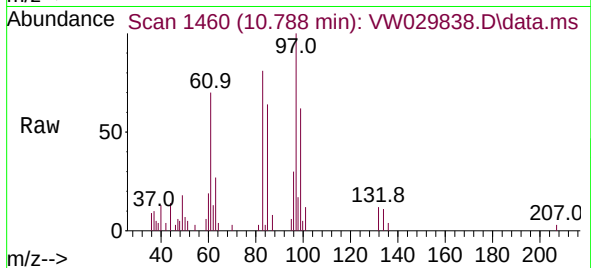
Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 3389

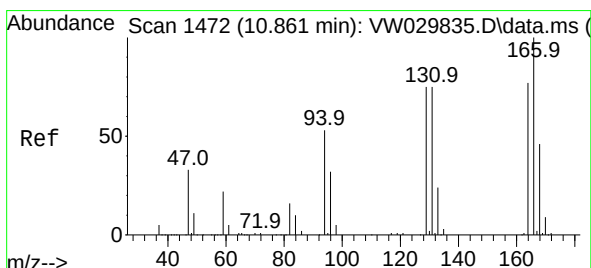
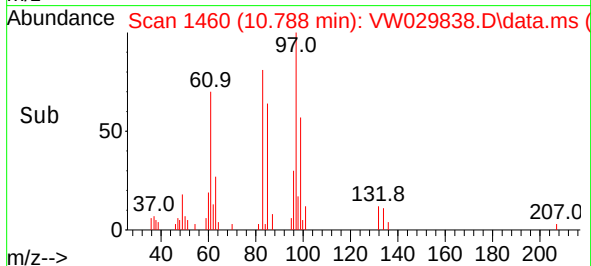
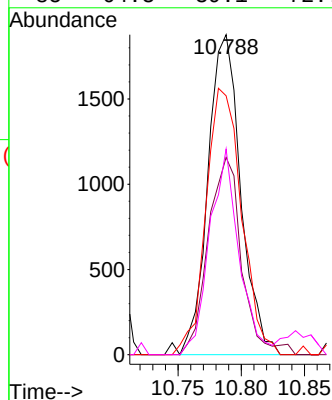
Ion Ratio Lower Upper

97 100

99 61.6 40.1 74.5

83 80.9 58.5 108.7

85 64.3 39.1 72.7



#46

Tetrachloroethene

Concen: 1.378 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Tgt Ion:164 Resp: 3609

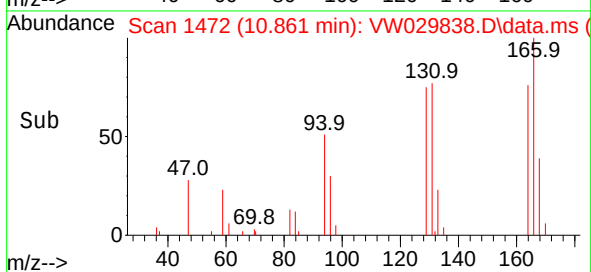
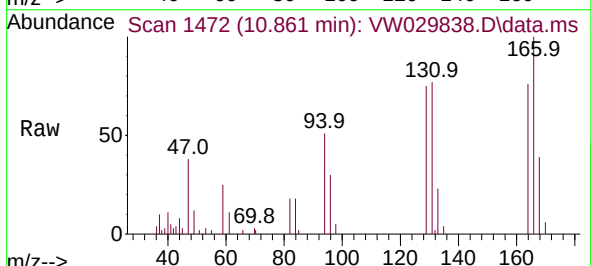
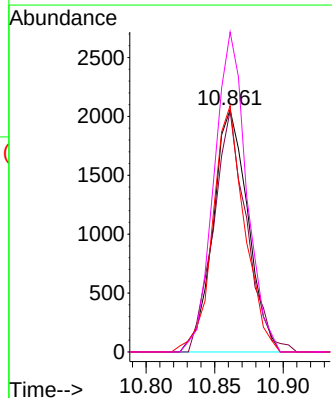
Ion Ratio Lower Upper

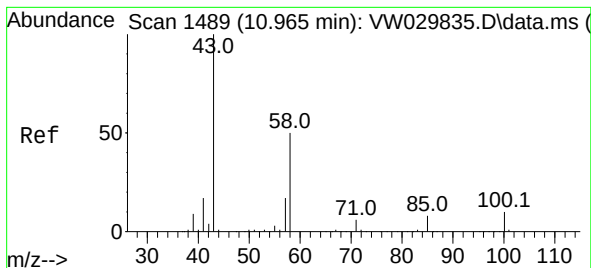
164 100

129 99.6 77.8 144.6

131 101.7 70.9 131.7

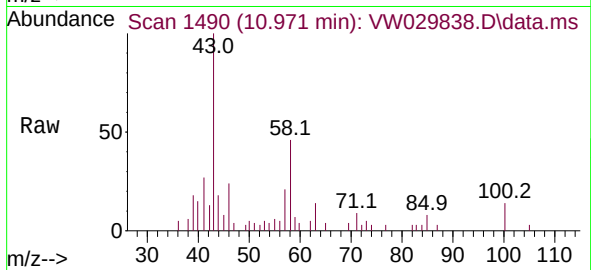
166 132.1 91.5 169.9



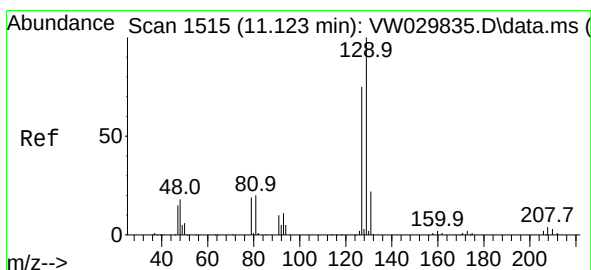
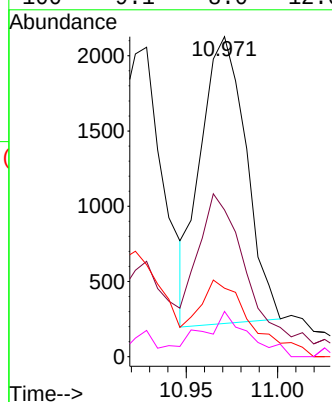
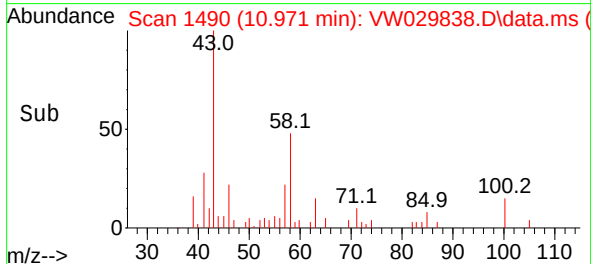


#48
2-Hexanone
Concen: 1.844 ug/L
RT: 10.971 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

Instrument :
MSVOA_W
ClientSampleId :

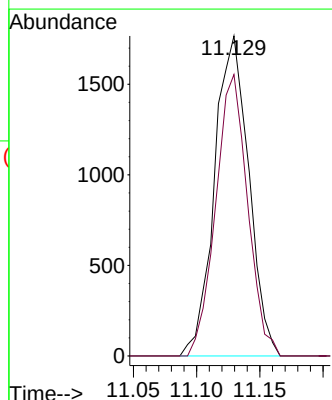
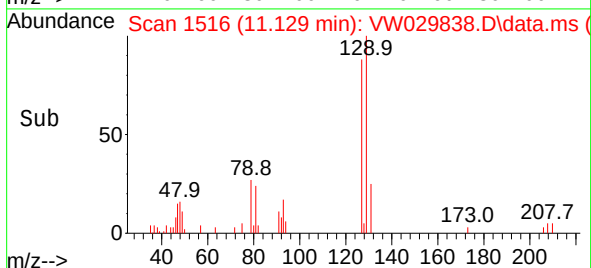
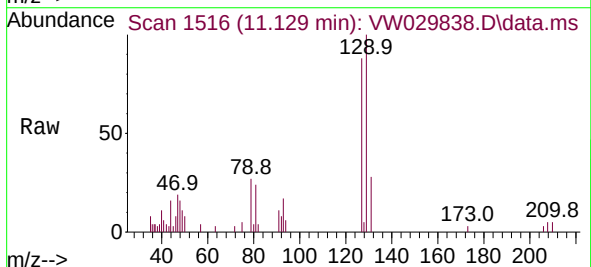


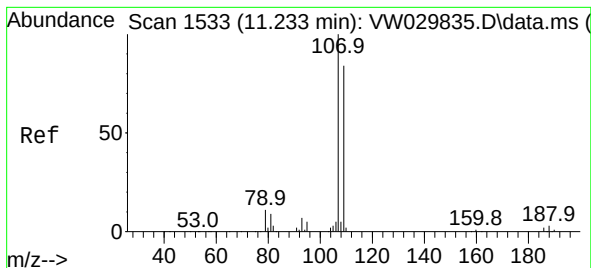
Tgt Ion: 43 Resp: 3303
Ion Ratio Lower Upper
43 100
58 65.5 41.0 61.4#
57 31.1 14.1 21.1#
100 9.1 8.0 12.0



#49
Dibromochloromethane
Concen: 1.266 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

Tgt Ion: 129 Resp: 3325
Ion Ratio Lower Upper
129 100
127 87.9 52.4 97.2





#50

1,2-Dibromoethane

Concen: 1.284 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

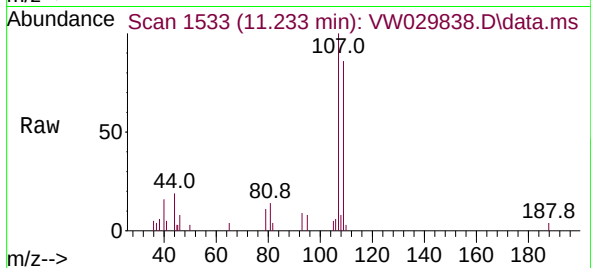
Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

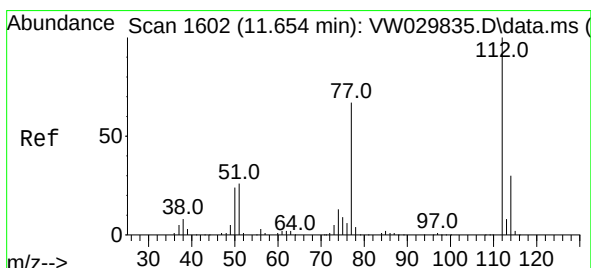
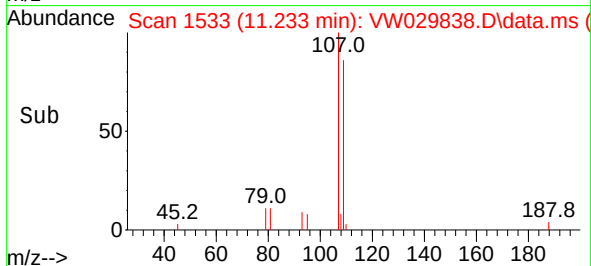
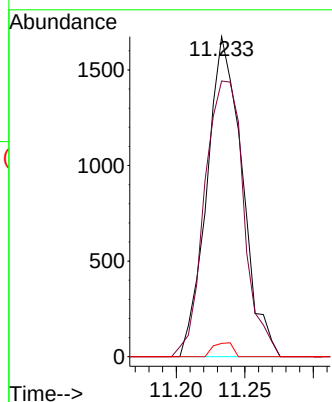
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	3005
Ion	Ratio	Lower	Upper
107	100		
109	86.1	64.8	120.3
188	4.2	2.7	4.1#



#51

Chlorobenzene

Concen: 1.324 ug/L

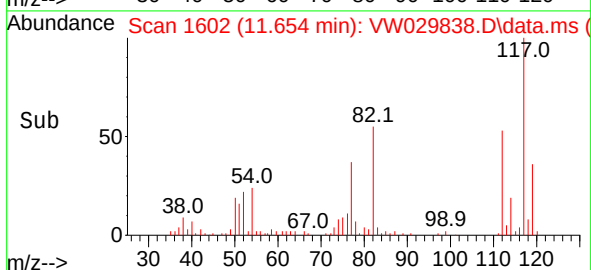
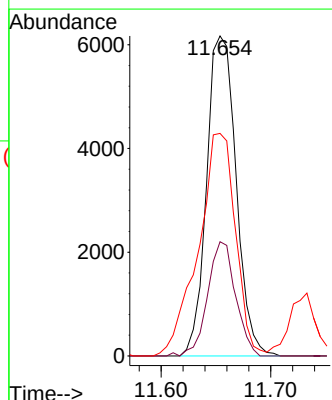
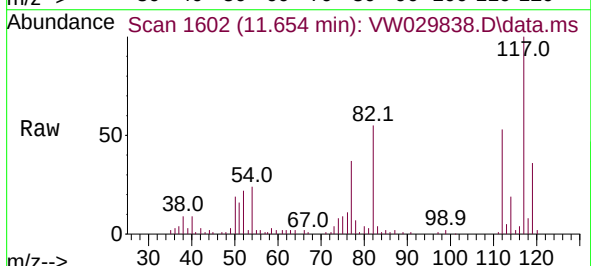
RT: 11.654 min Scan# 1602

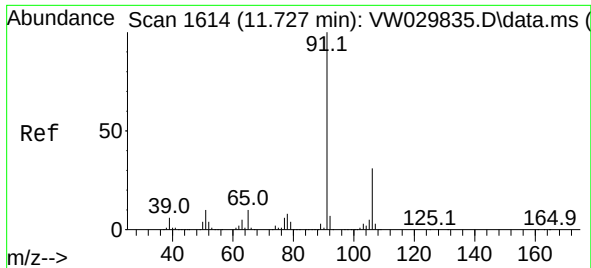
Delta R.T. -0.000 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Tgt Ion:	112	Resp:	11556
Ion	Ratio	Lower	Upper
112	100		
114	35.7	22.0	40.8
77	69.5	53.8	80.8





#52

Ethylbenzene

Concen: 1.182 ug/L

RT: 11.733 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Instrument :

MSVOA_W

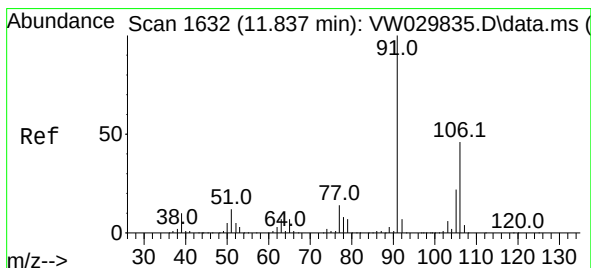
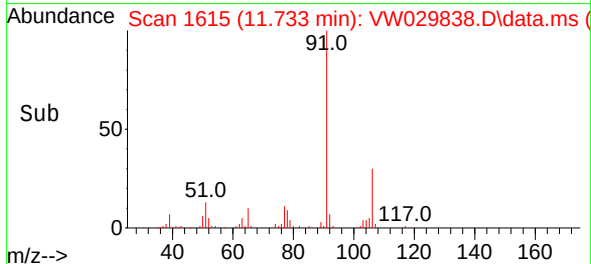
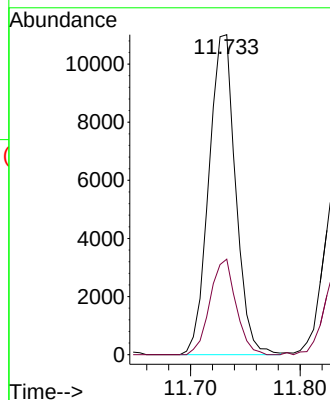
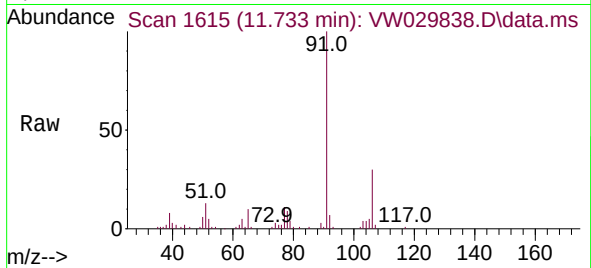
ClientSampleId :

Tgt Ion: 91 Resp: 18699

Ion Ratio Lower Upper

91 100

106 29.9 20.4 38.0



#53

m,p-Xylene

Concen: 1.108 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029838.D

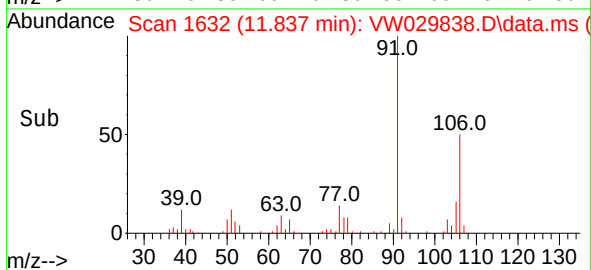
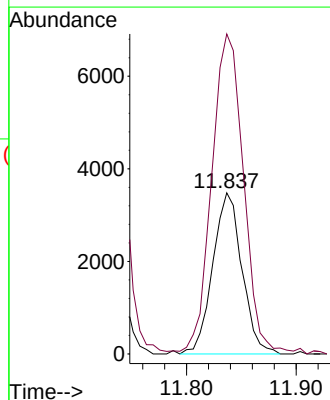
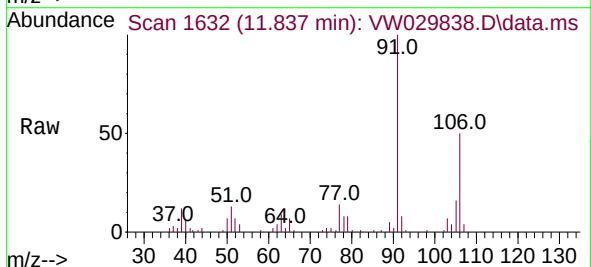
Acq: 06 Aug 2024 13:24

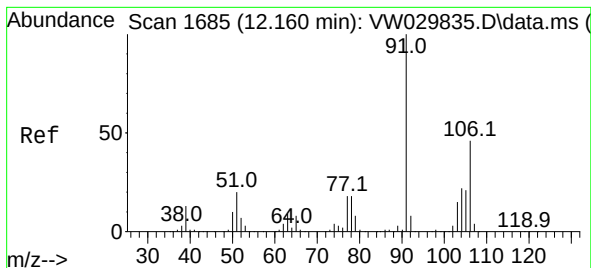
Tgt Ion:106 Resp: 6446

Ion Ratio Lower Upper

106 100

91 198.6 151.4 281.2





#54

o-Xylene

Concen: 1.089 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Instrument :

MSVOA_W

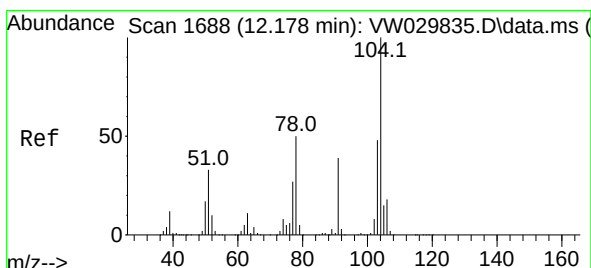
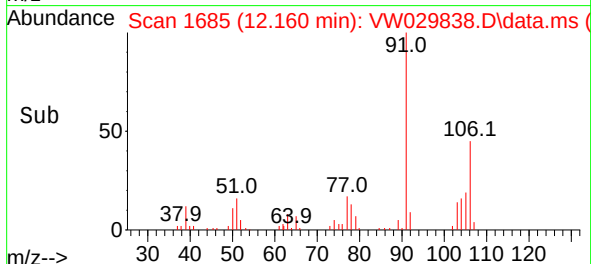
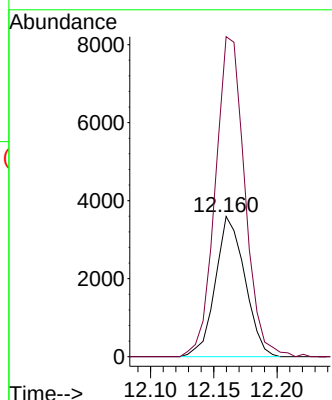
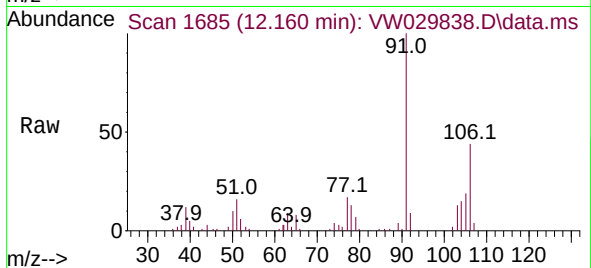
ClientSampleId :

Tgt Ion:106 Resp: 5837

Ion Ratio Lower Upper

106 100

91 228.3 155.8 289.4



#55

Styrene

Concen: 0.991 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029838.D

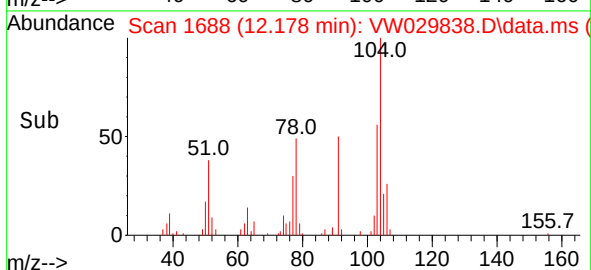
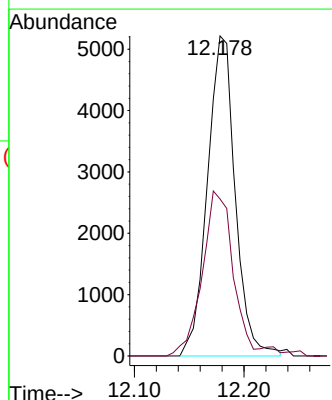
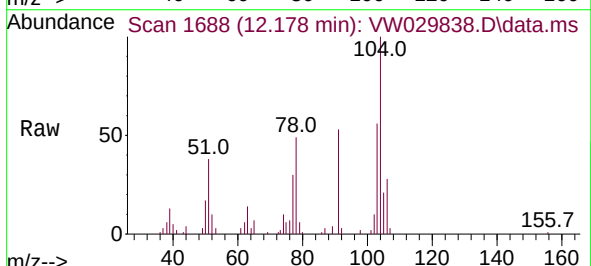
Acq: 06 Aug 2024 13:24

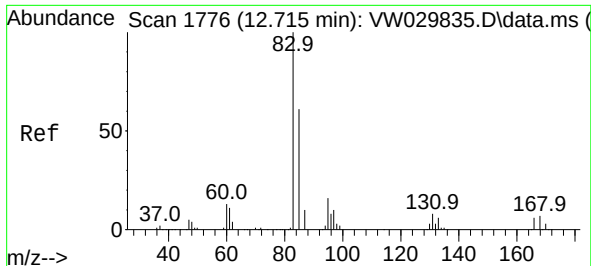
Tgt Ion:104 Resp: 9203

Ion Ratio Lower Upper

104 100

78 49.1 33.3 61.9

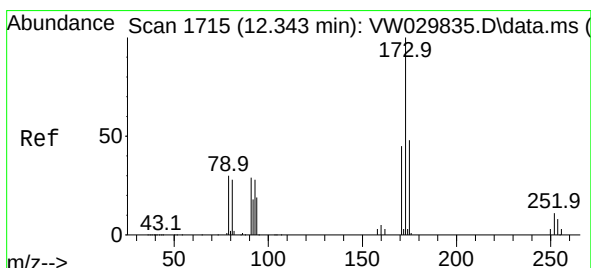
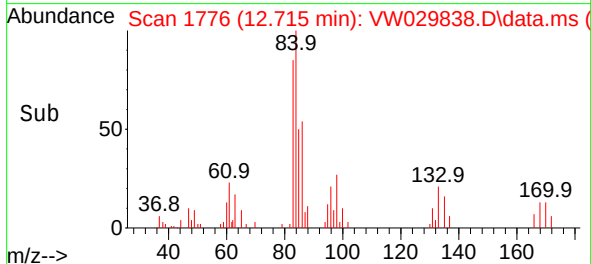
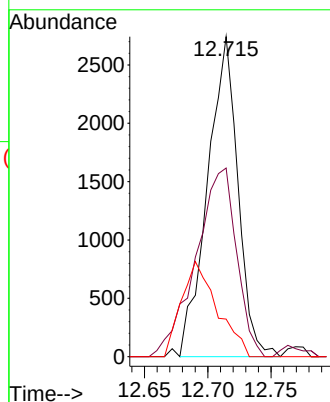
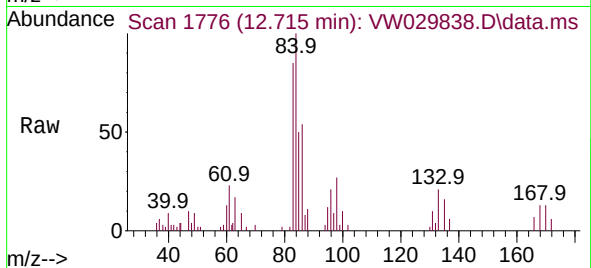




#57
1,1,2,2-Tetrachloroethane
Concen: 1.475 ug/L
RT: 12.715 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

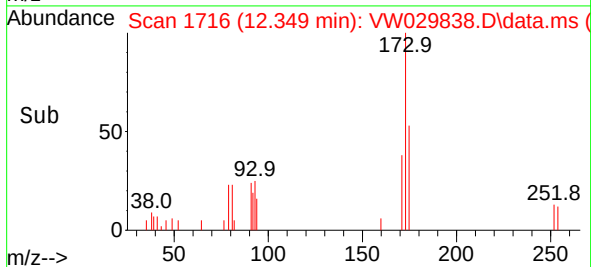
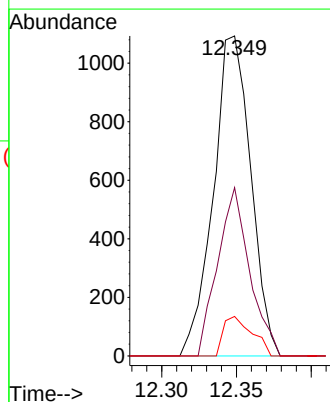
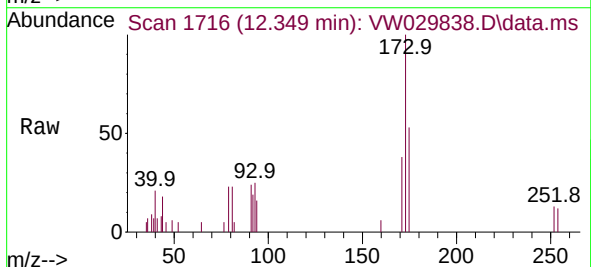
Instrument :
MSVOA_W
ClientSampleId :

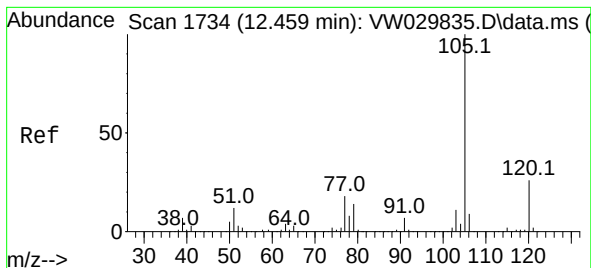
Tgt Ion: 83 Resp: 4581
Ion Ratio Lower Upper
83 100
85 58.9 44.2 82.0
131 11.7 6.2 9.2#



#59
Bromoform
Concen: 1.326 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW029838.D
Acq: 06 Aug 2024 13:24

Tgt Ion:173 Resp: 1901
Ion Ratio Lower Upper
173 100
175 44.9 38.1 57.1
254 9.5 7.8 11.6





#60

Isopropylbenzene

Concen: 1.032 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Instrument :

MSVOA_W

ClientSampleId :

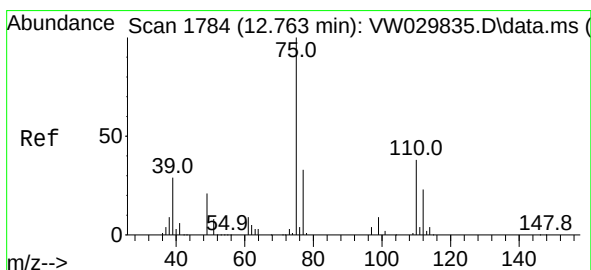
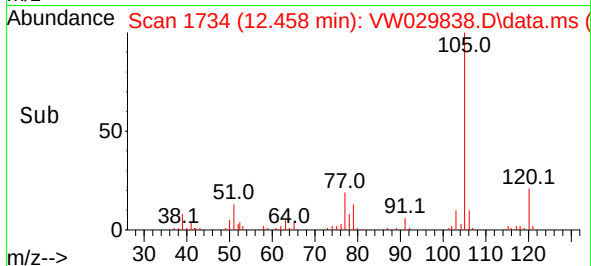
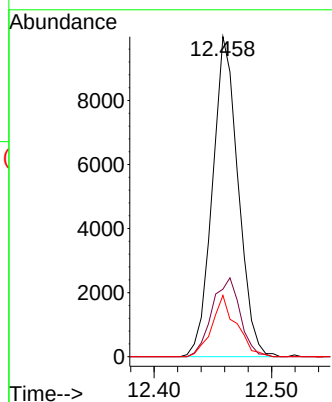
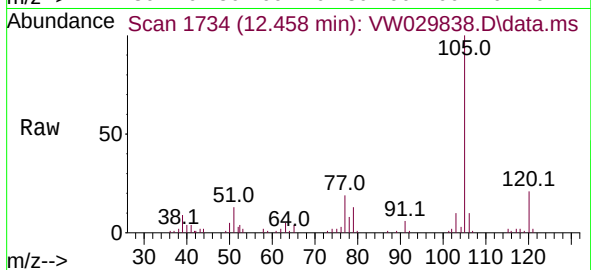
Tgt Ion:105 Resp: 15217

Ion Ratio Lower Upper

105 100

120 26.9 20.3 30.5

77 18.2 14.0 21.0



#61

1,2,3-Trichloropropane

Concen: 1.377 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

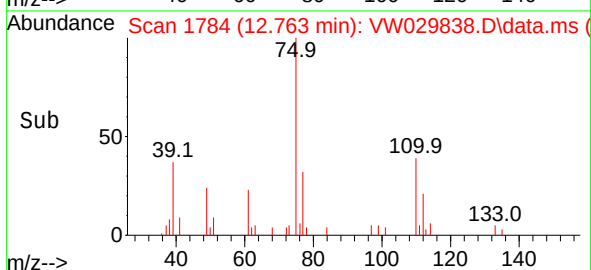
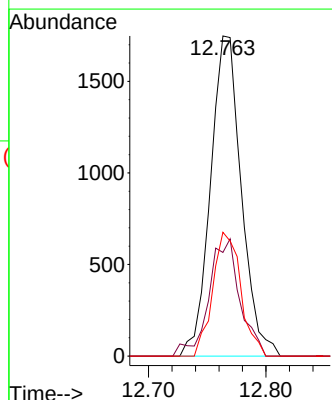
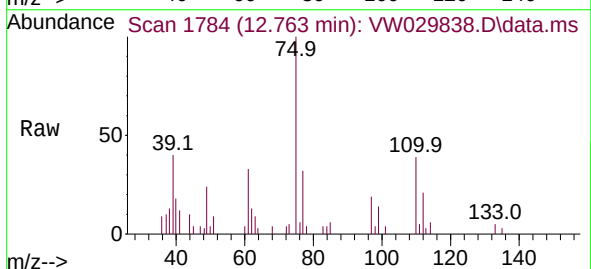
Tgt Ion: 75 Resp: 3191

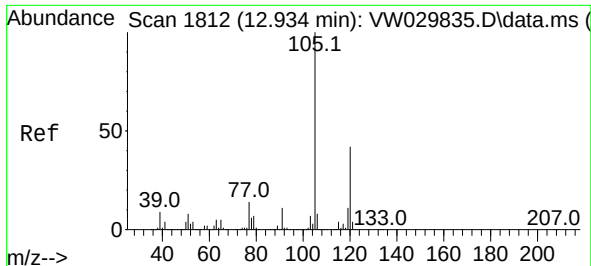
Ion Ratio Lower Upper

75 100

77 34.8 25.4 38.0

110 35.2 28.6 43.0





#62

1,3,5-Trimethylbenzene

Concen: 1.074 ug/L

RT: 12.940 min Scan# 1812

Delta R.T. 0.006 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Instrument :

MSVOA_W

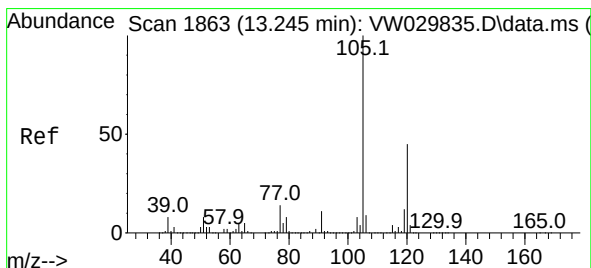
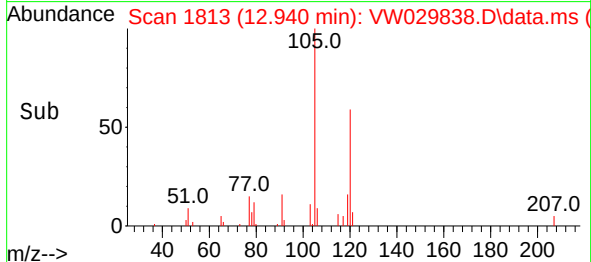
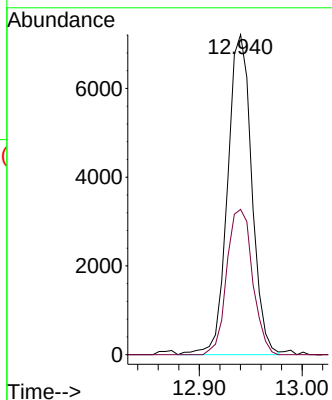
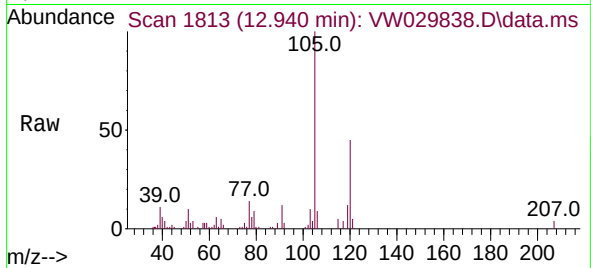
ClientSampleId :

Tgt Ion:105 Resp: 11777

Ion Ratio Lower Upper

105 100

120 48.3 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 0.930 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029838.D

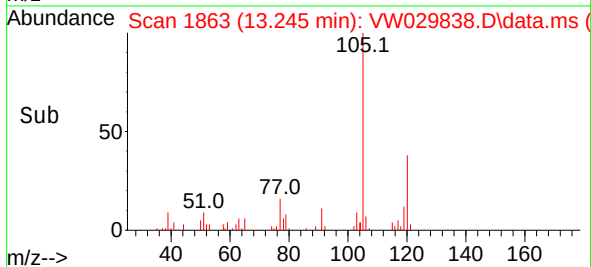
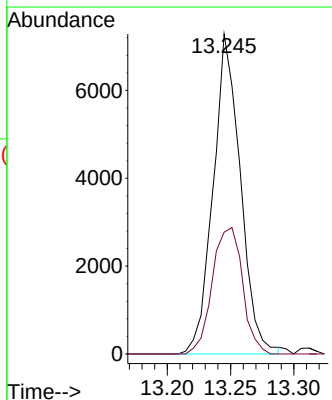
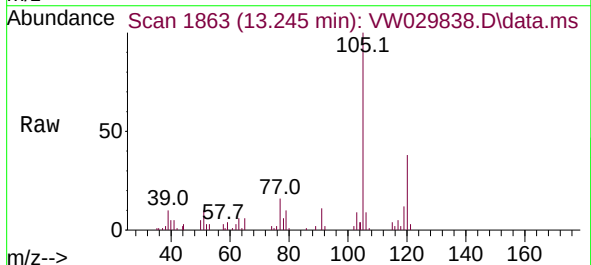
Acq: 06 Aug 2024 13:24

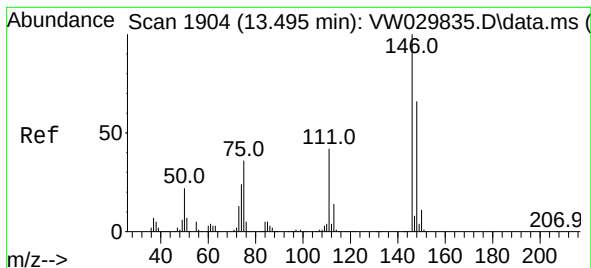
Tgt Ion:105 Resp: 10902

Ion Ratio Lower Upper

105 100

120 43.8 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 1.249 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

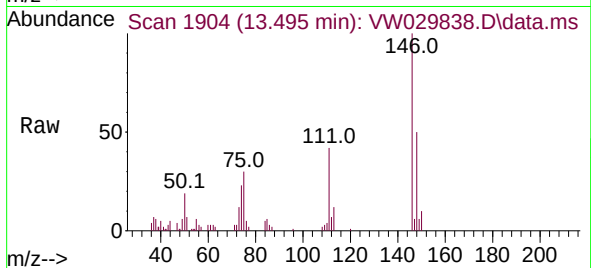
Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Instrument :

MSVOA_W

ClientSampleId :



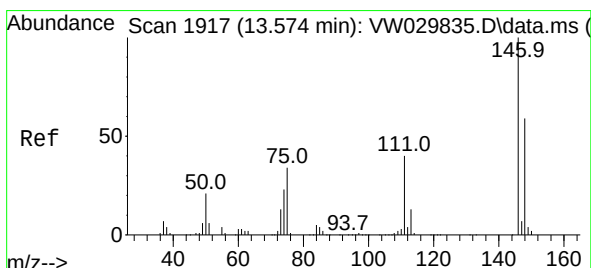
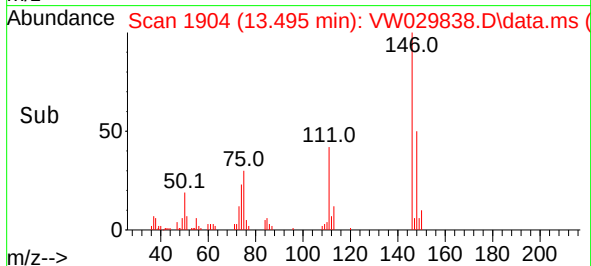
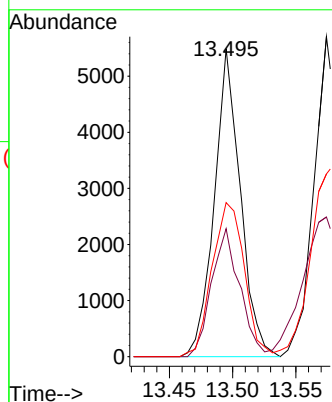
Tgt Ion:146 Resp: 7859

Ion Ratio Lower Upper

146 100

111 41.6 28.7 53.3

148 50.0 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 1.337 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

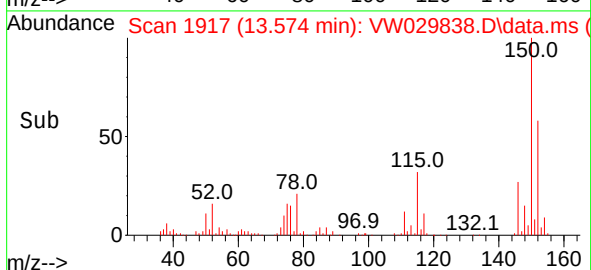
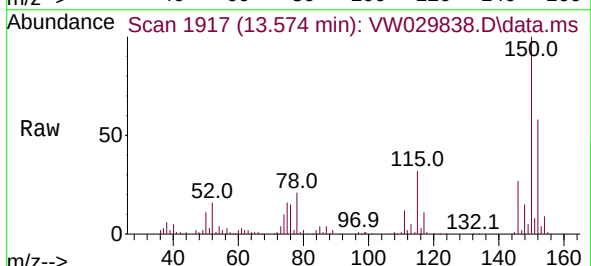
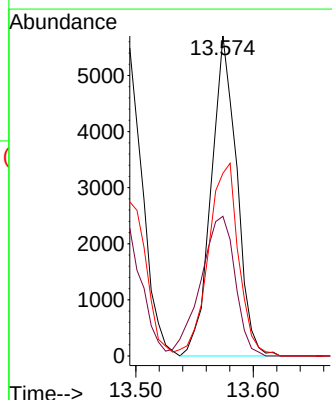
Tgt Ion:146 Resp: 8639

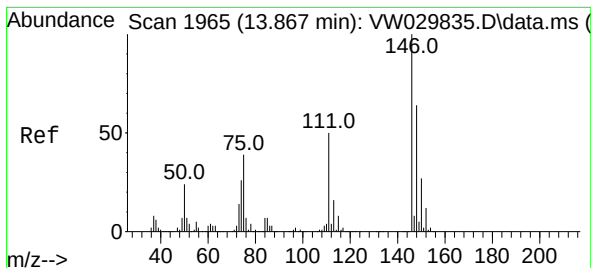
Ion Ratio Lower Upper

146 100

111 43.7 30.1 55.9

148 57.1 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 1.329 ug/L

RT: 13.867 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Instrument :

MSVOA_W

ClientSampleId :

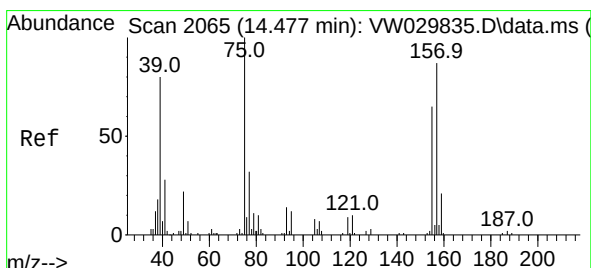
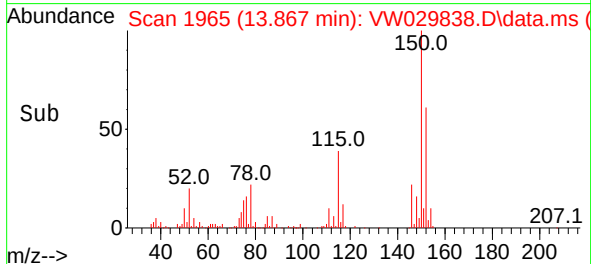
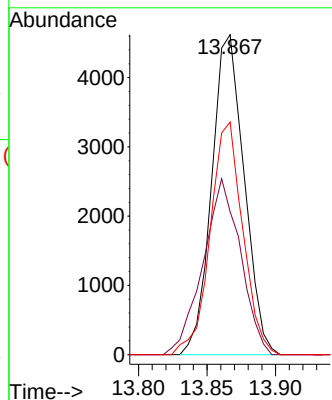
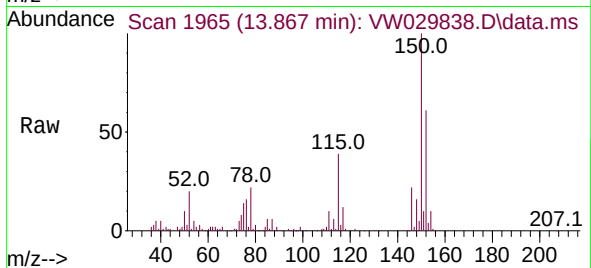
Tgt Ion:146 Resp: 7612

Ion Ratio Lower Upper

146 100

111 44.7 35.8 53.8

148 72.7 52.6 78.8



#68

1,2-Dibromo-3-chloropropane

Concen: 2.413 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.146 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

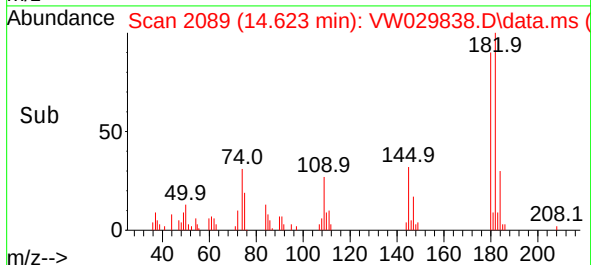
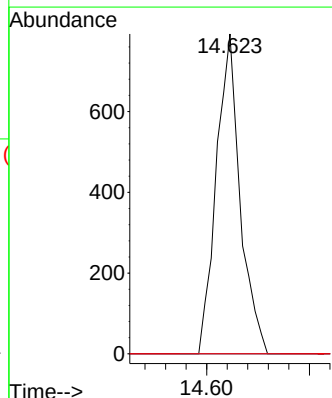
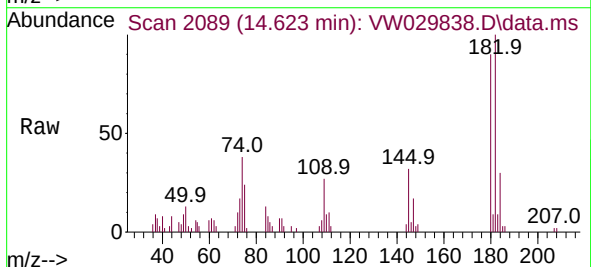
Tgt Ion: 75 Resp: 1270

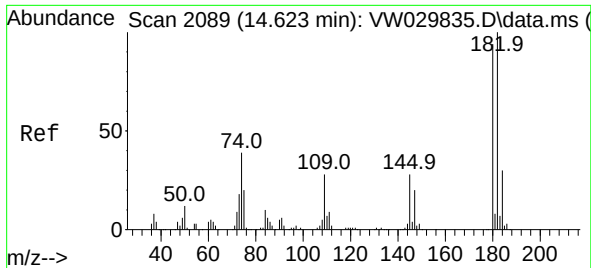
Ion Ratio Lower Upper

75 100

155 0.0 47.8 71.6#

157 0.0 63.7 95.5#





#69

1,3,5-Trichlorobenzene

Concen: 1.218 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

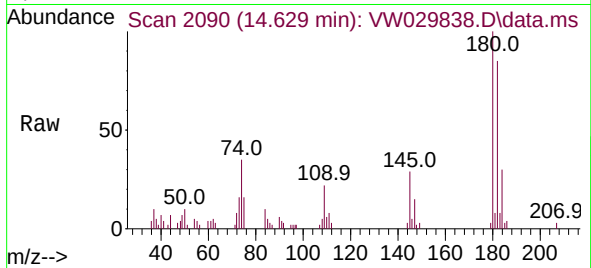
Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 5242

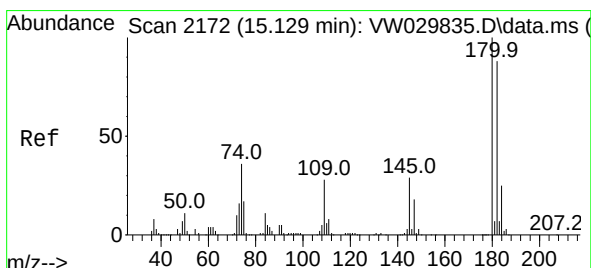
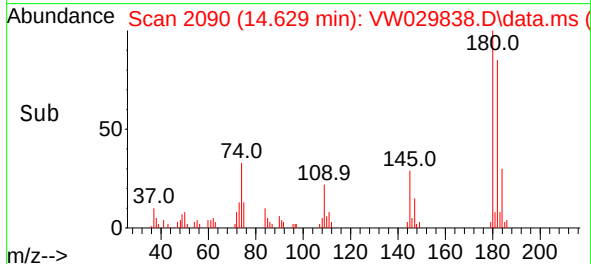
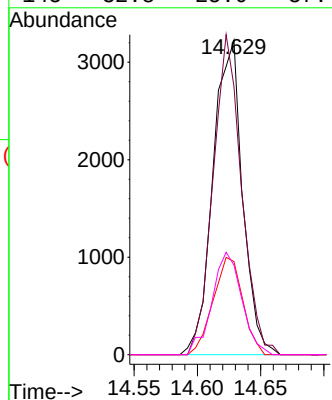
Ion Ratio Lower Upper

180 100

182 97.7 72.7 109.1

184 31.0 23.3 34.9

145 32.8 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 1.219 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

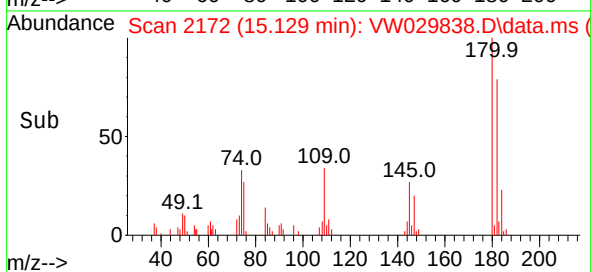
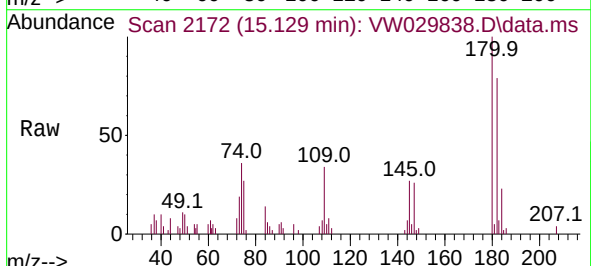
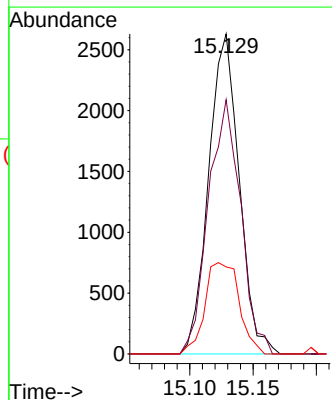
Tgt Ion:180 Resp: 4422

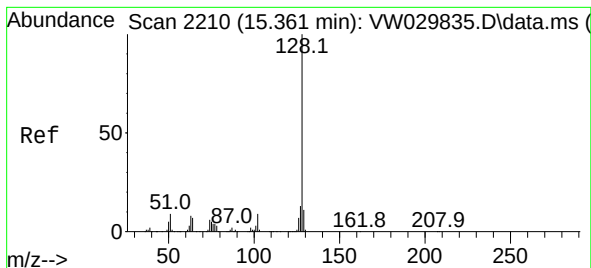
Ion Ratio Lower Upper

180 100

182 83.7 80.2 120.4

145 21.9 26.3 39.5#





#71

Naphthalene

Concen: 0.944 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Instrument :

MSVOA_W

ClientSampleId :

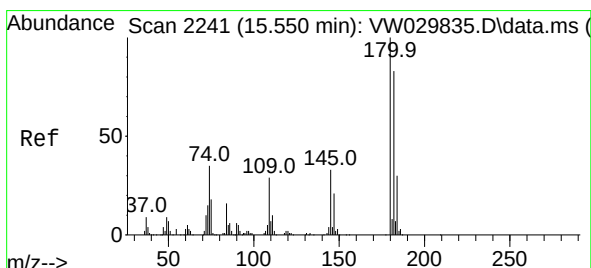
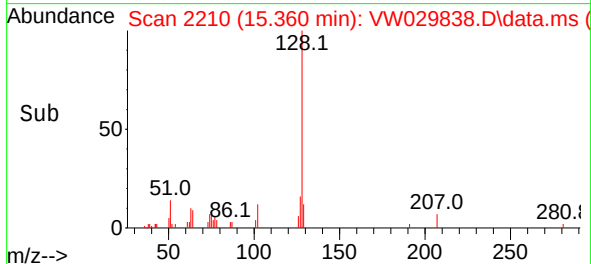
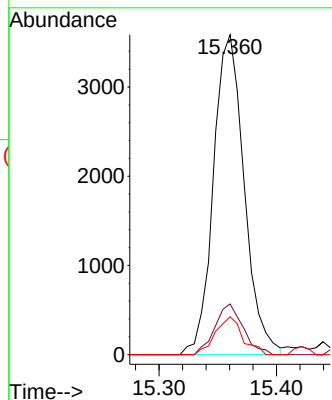
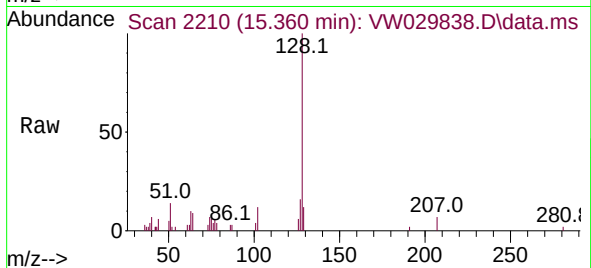
Tgt Ion:128 Resp: 6531

Ion Ratio Lower Upper

128 100

127 14.5 10.7 16.1

129 10.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 1.038 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW029838.D

Acq: 06 Aug 2024 13:24

Tgt Ion:180 Resp: 3407

Ion Ratio Lower Upper

180 100

182 102.7 74.0 111.0

145 37.3 27.5 41.3

