

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080824\
 Data File : VW029866.D
 Acq On : 08 Aug 2024 16:50
 Operator : SY/MD
 Sample : P3481-10MSD
 Misc : 5.16g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0AE4MSD

Quant Time: Aug 09 00:52:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 09 00:48:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	297770	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	244450	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	85384	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	19838	4.693	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	18.760%#
7) Chloroethane-d5	2.899	69	25414	8.421	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	33.680%
11) 1,1-Dichloroethene-d2	4.027	65	10897	5.647	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	22.600%#
21) 2-Butanone-d5	7.075	46	65948	56.918	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.840%
24) Chloroform-d	7.648	84	127146	16.495	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	65.960%
26) 1,2-Dichloroethane-d4	8.307	65	74429	16.952	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	67.800%#
32) Benzene-d6	8.276	84	163601	12.386	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	49.560%
36) 1,2-Dichloropropane-d6	9.270	67	75219	17.835	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	71.360%
41) Toluene-d8	10.325	98	121613	10.355	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	41.440%
43) trans-1,3-Dichloroprop...	10.575	79	24705	14.476	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	57.920%
47) 2-Hexanone-d5	10.922	63	43290	62.251	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.500%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	81905	26.155	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.640%
66) 1,2-Dichlorobenzene-d4	13.849	152	47984	18.099	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	78137	19.467	ug/L	94
3) Chloromethane	2.223	50	101869	20.510	ug/L	100
5) Vinyl chloride	2.375	62	119812	21.529	ug/L	99
6) Bromomethane	2.790	94	64096	20.975	ug/L	99
8) Chloroethane	2.936	64	72686	22.959	ug/L	99
9) Trichlorofluoromethane	3.265	101	103645	23.316	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	94473	21.339	ug/L	95
12) 1,1-Dichloroethene	4.045	96	87169	21.428	ug/L #	84
13) Acetone	4.119	43	96406	66.953	ug/L	100
14) Carbon disulfide	4.387	76	249982	18.466	ug/L	97
15) Methyl Acetate	4.667	43	55501	23.141	ug/L	99
16) Methylene chloride	4.917	84	109722	17.626	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	94506	21.559	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	182963	25.324	ug/L	98
19) 1,1-Dichloroethane	6.216	63	210385	22.755	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	106761	22.452	ug/L	98
22) 2-Butanone	7.167	43	89963	48.761	ug/L	100
23) Bromochloromethane	7.514	128	44867	22.226	ug/L	95
25) Chloroform	7.679	83	197467	22.670	ug/L	99

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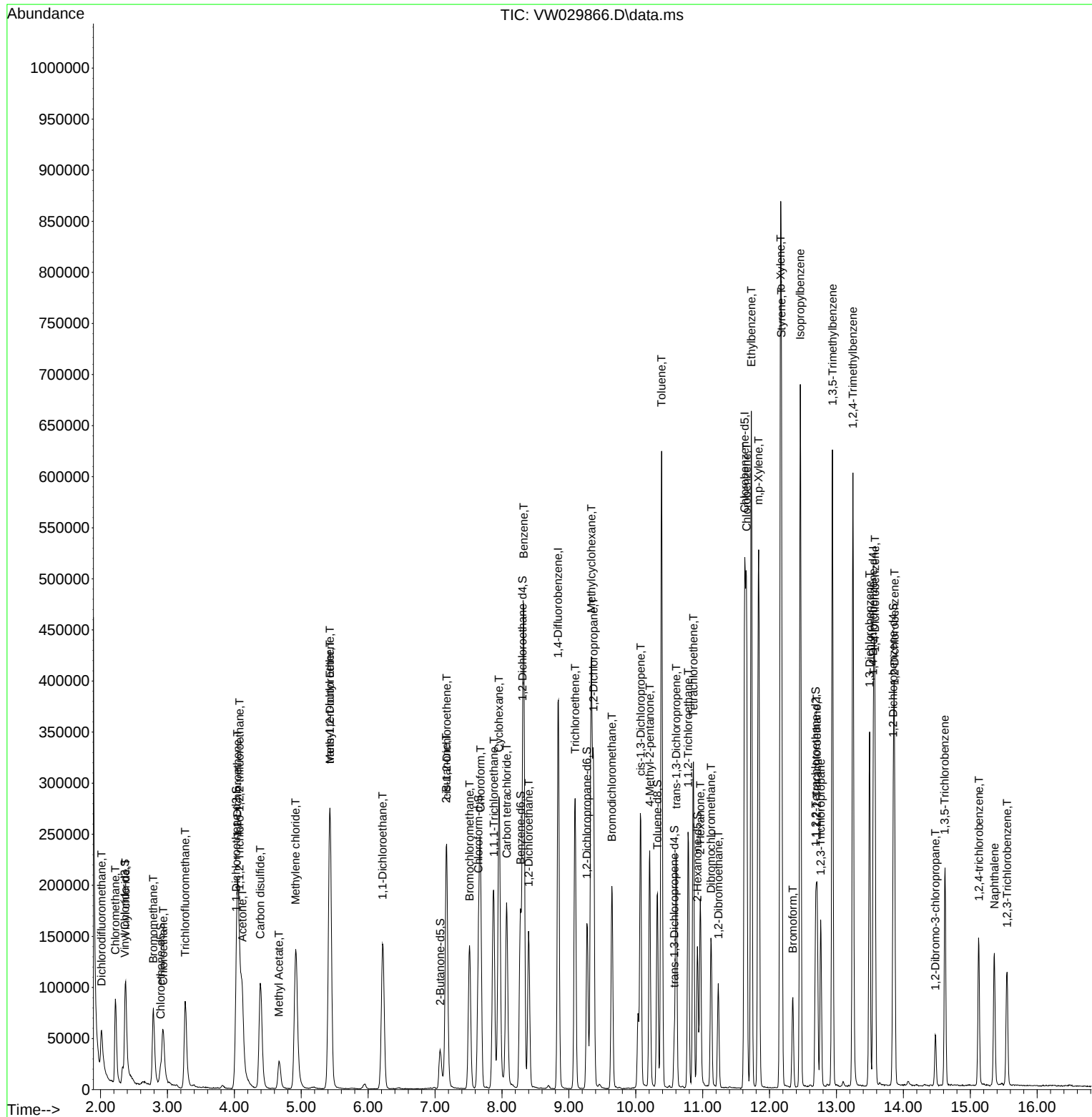
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27) 1,2-Dichloroethane	8.398	62	139357	21.952	ug/L	100
29) Cyclohexane	7.953	56	167678	24.137	ug/L	99
30) 1,1,1-Trichloroethane	7.880	97	158361	25.582	ug/L	98
31) Carbon tetrachloride	8.069	117	131699	23.610	ug/L	96
33) Benzene	8.325	78	419775	25.063	ug/L	100
34) Trichloroethene	9.093	95	101765	23.177	ug/L	96
35) Methylcyclohexane	9.337	83	157465	21.522	ug/L	98
37) 1,2-Dichloropropane	9.368	63	116917	25.473	ug/L	100
38) Bromodichloromethane	9.642	83	130749	23.921	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	155741	23.299	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	161553	55.413	ug/L	100
42) Toluene	10.386	91	427724	25.018	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	122619	22.097	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	76142	24.693	ug/L	95
46) Tetrachloroethene	10.861	164	68232	21.381	ug/L	95
48) 2-Hexanone	10.965	43	125463	57.459	ug/L	100
49) Dibromochloromethane	11.123	129	74846	23.382	ug/L	91
50) 1,2-Dibromoethane	11.233	107	66770	23.403	ug/L	97
51) Chlorobenzene	11.654	112	230194	21.646	ug/L	97
52) Ethylbenzene	11.727	91	437863	22.705	ug/L	97
53) m,p-Xylene	11.837	106	157478	22.204	ug/L	99
54) o-Xylene	12.166	106	153643	23.524	ug/L	94
55) Styrene	12.178	104	229538	20.275	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.709	83	85829	22.678	ug/L #	98
59) Bromoform	12.349	173	38635	30.071	ug/L	98
60) Isopropylbenzene	12.459	105	411227	31.124	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	65726	31.650	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	312499	31.820	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	308008	29.326	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	127159	22.557	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	125468	21.668	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	114189	22.249	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	13254	28.109	ug/L	95
69) 1,3,5-Trichlorobenzene	14.617	180	63034	16.343	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	41773	12.856	ug/L	97
71) Naphthalene	15.360	128	103771	16.737	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	35267	11.992	ug/L	96

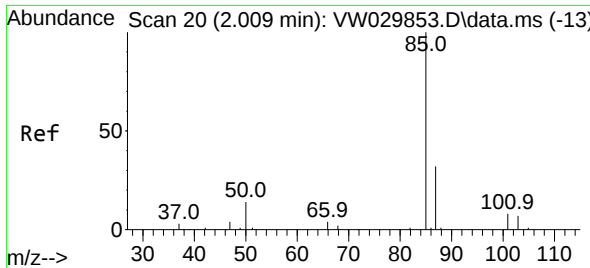
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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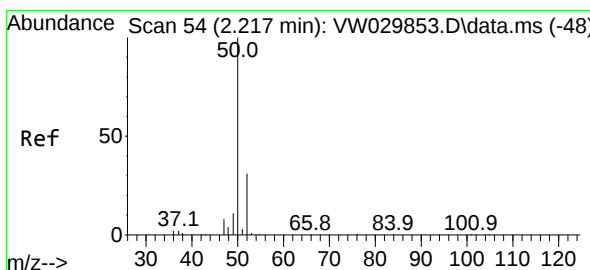
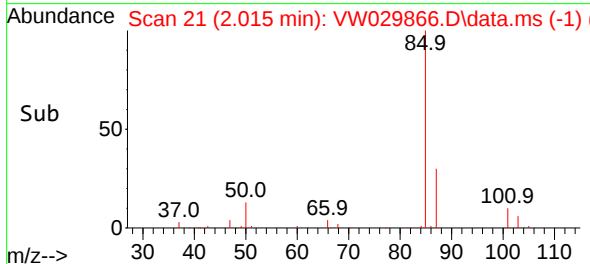
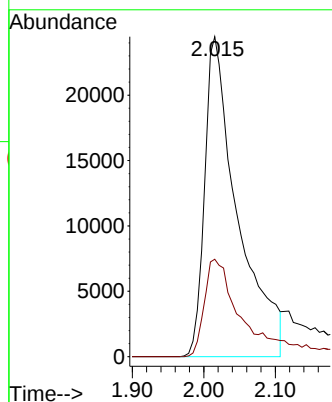
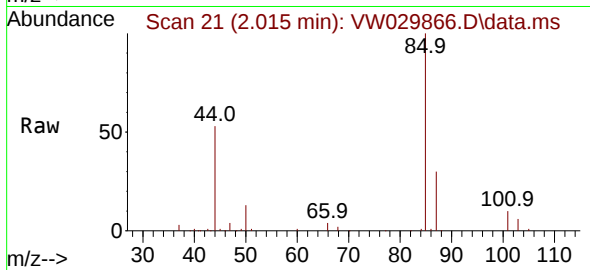




#2
Dichlorodifluoromethane
Concen: 19.467 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW029866.D
Acq: 08 Aug 2024 16:50

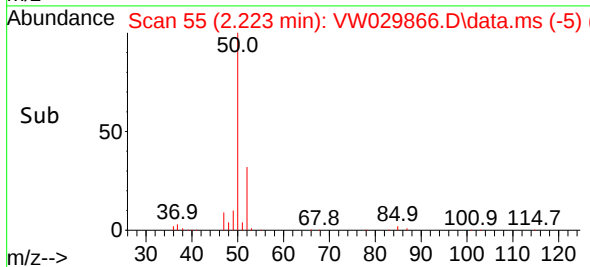
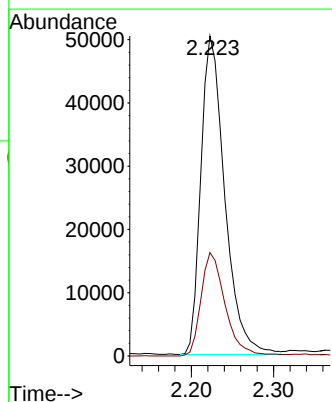
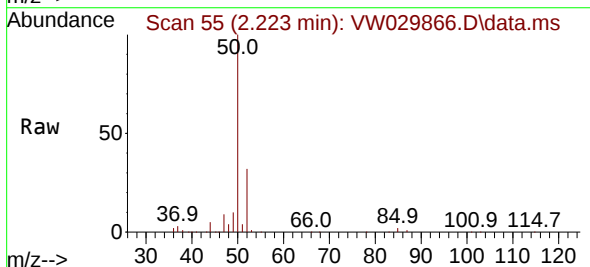
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MSVOA_W
ClientSampleId :
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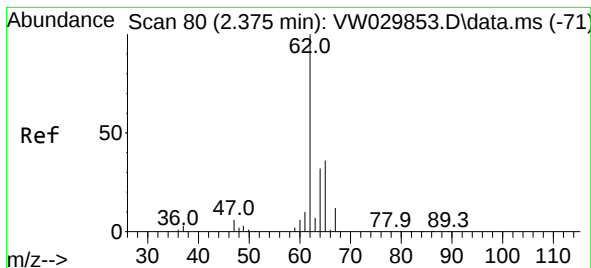
Tgt Ion: 85 Resp: 78137
Ion Ratio Lower Upper
85 100
87 28.8 25.5 38.3



#3
Chloromethane
Concen: 20.510 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.006 min
Lab File: VW029866.D
Acq: 08 Aug 2024 16:50

Tgt Ion: 50 Resp: 101869
Ion Ratio Lower Upper
50 100
52 32.3 22.5 41.9





#5

Vinyl chloride

Concen: 21.529 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW029866.D

Acq: 08 Aug 2024 16:50

Instrument :

MSVOA_W

ClientSampleId :

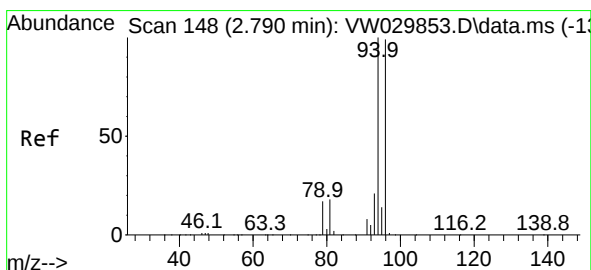
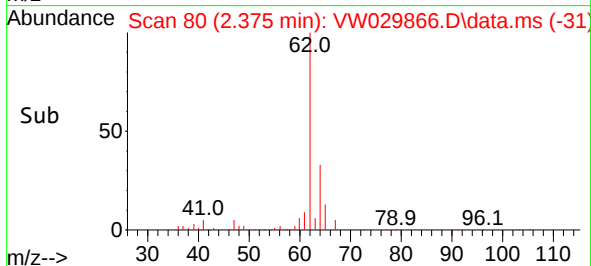
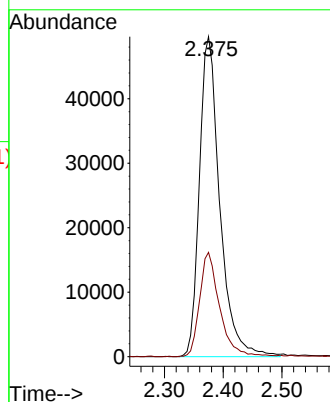
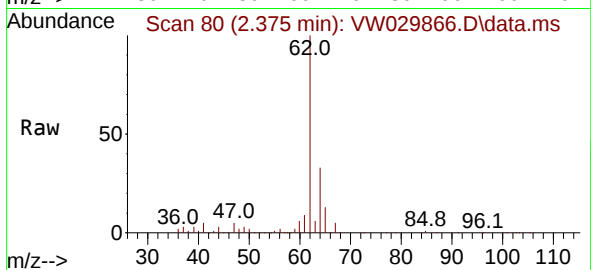
E0AE4MSD

Tgt Ion: 62 Resp: 119812

Ion Ratio Lower Upper

62 100

64 32.6 23.2 43.2



#6

Bromomethane

Concen: 20.975 ug/L

RT: 2.790 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW029866.D

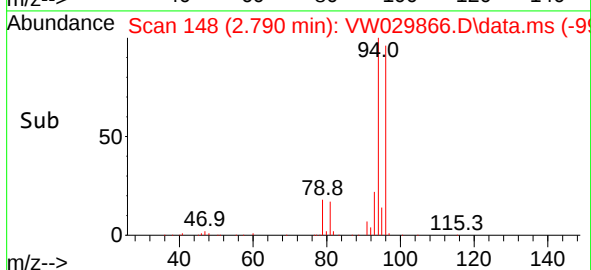
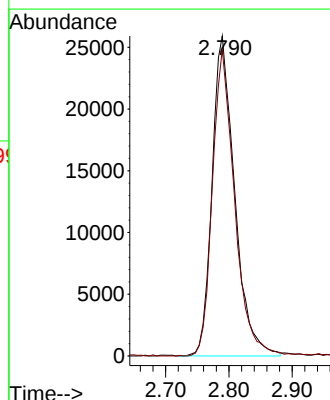
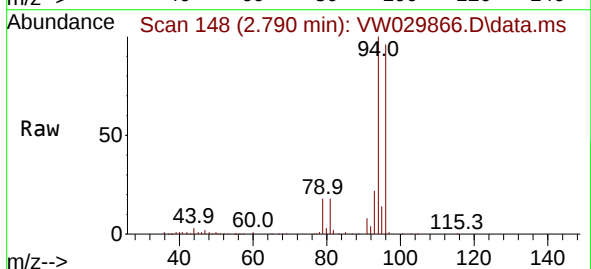
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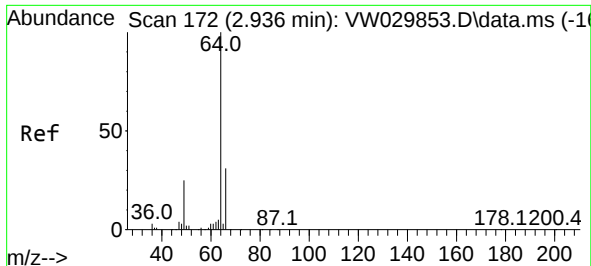
Tgt Ion: 94 Resp: 64096

Ion Ratio Lower Upper

94 100

96 95.8 66.2 123.0

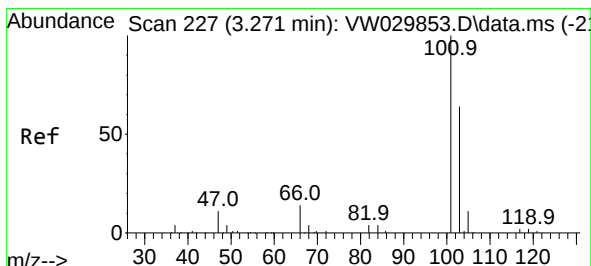
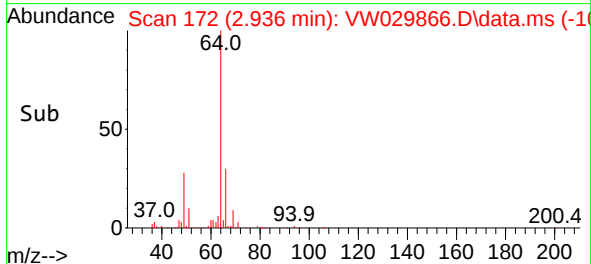
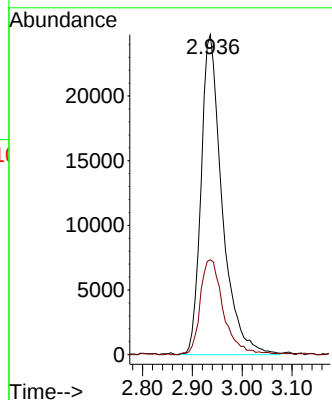
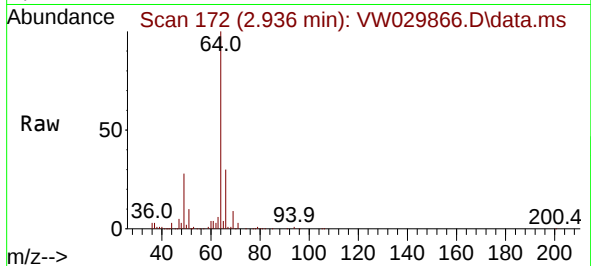




#8
Chloroethane
Concen: 22.959 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029866.D
Acq: 08 Aug 2024 16:50

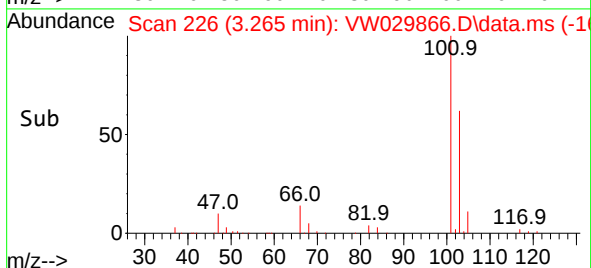
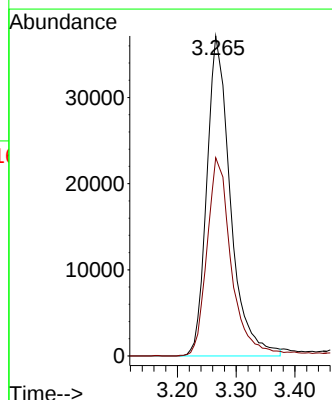
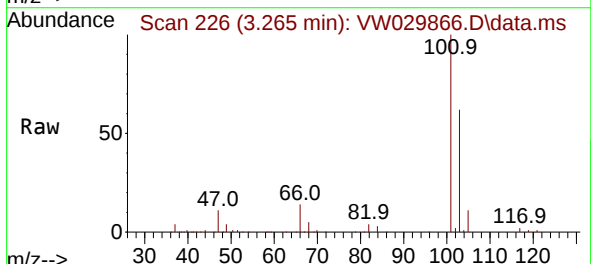
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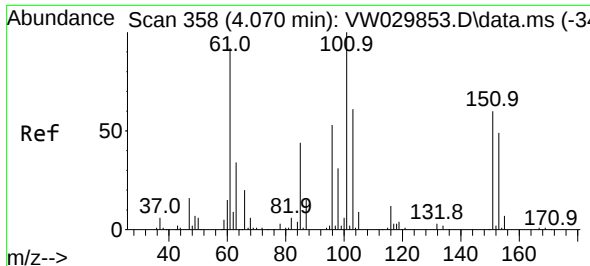
Tgt Ion: 64 Resp: 72686
Ion Ratio Lower Upper
64 100
66 29.7 21.2 39.4



#9
Trichlorofluoromethane
Concen: 23.316 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029866.D
Acq: 08 Aug 2024 16:50

Tgt Ion: 101 Resp: 103645
Ion Ratio Lower Upper
101 100
103 63.1 51.0 76.4

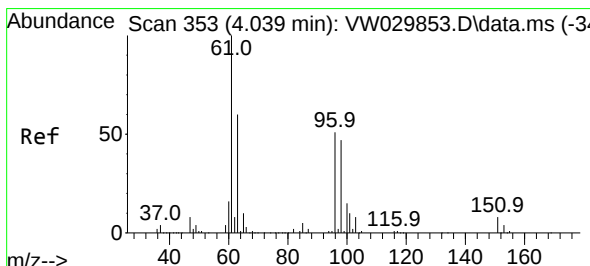
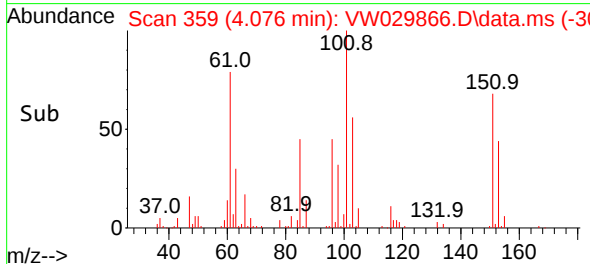
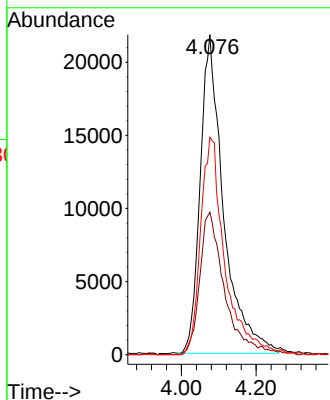
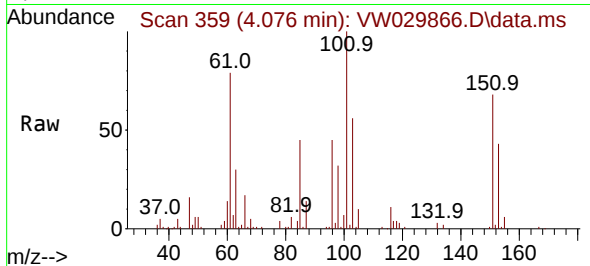




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.339 ug/L
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW029866.D
 Acq: 08 Aug 2024 16:50

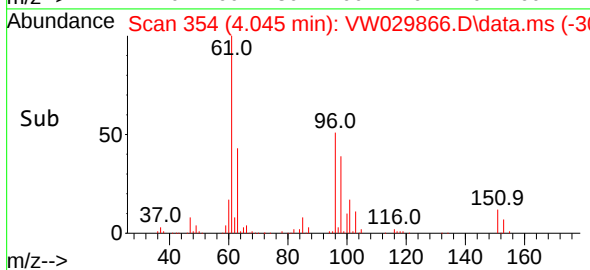
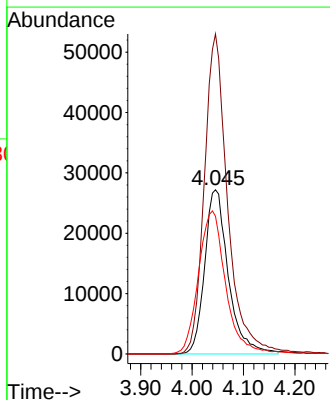
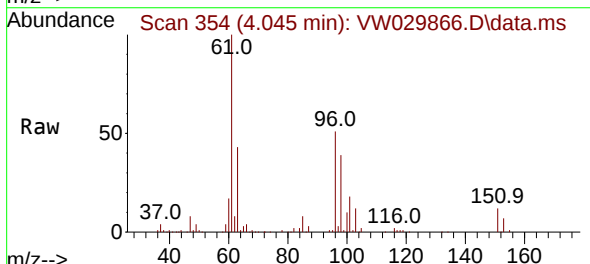
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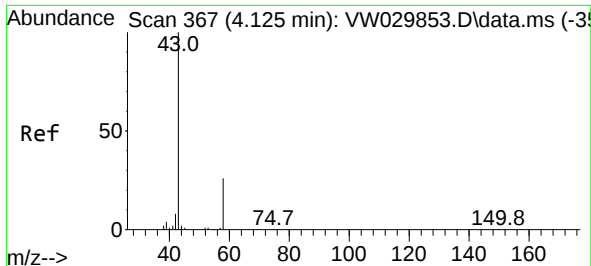
Tgt Ion:101 Resp: 94473
 Ion Ratio Lower Upper
 101 100
 85 46.2 34.2 51.4
 151 63.5 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 21.428 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.006 min
 Lab File: VW029866.D
 Acq: 08 Aug 2024 16:50

Tgt Ion: 96 Resp: 87169
 Ion Ratio Lower Upper
 96 100
 61 194.9 138.3 256.9
 63 83.9 89.0 165.4#





#13

Acetone

Concen: 66.953 ug/L

RT: 4.119 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW029866.D

Acq: 08 Aug 2024 16:50

Instrument :

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ClientSampleId :

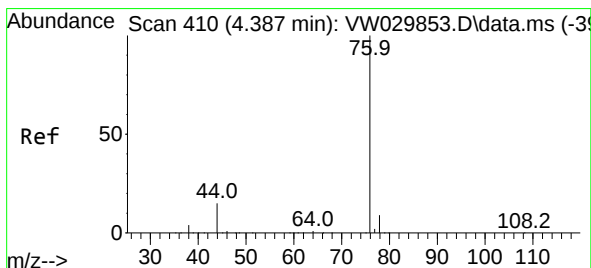
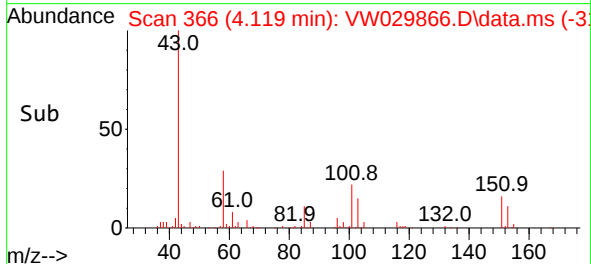
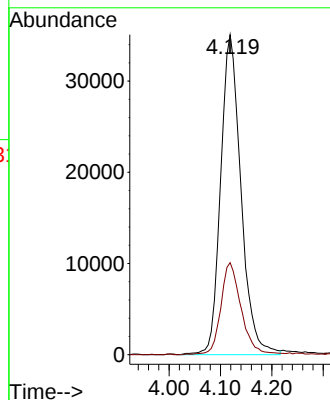
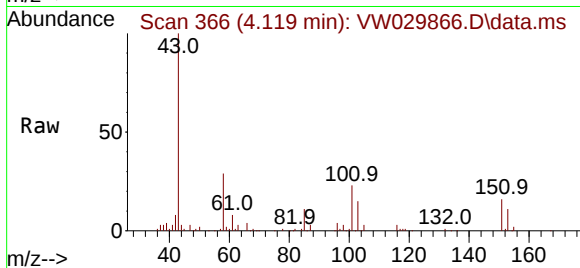
E0AE4MSD

Tgt Ion: 43 Resp: 96406

Ion Ratio Lower Upper

43 100

58 28.7 0.0 57.6



#14

Carbon disulfide

Concen: 18.466 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.000 min

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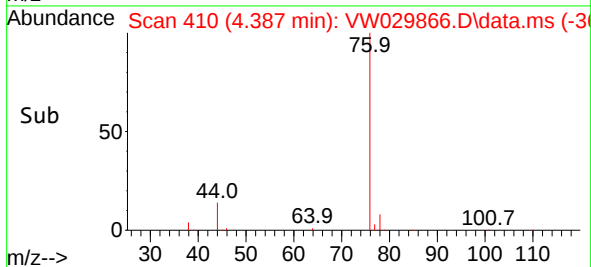
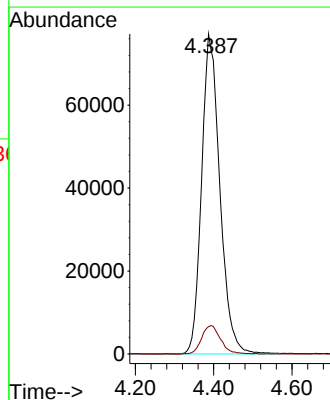
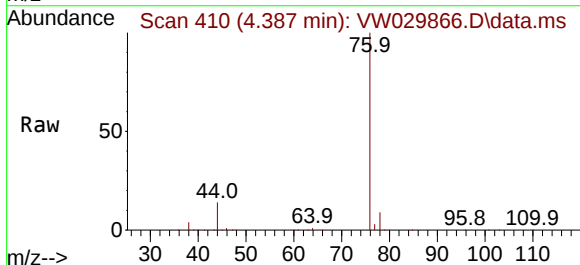
Acq: 08 Aug 2024 16:50

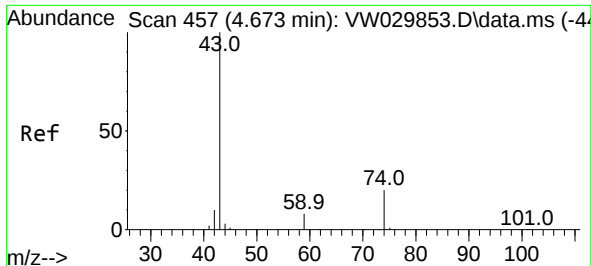
Tgt Ion: 76 Resp: 249982

Ion Ratio Lower Upper

76 100

78 8.6 7.6 11.4

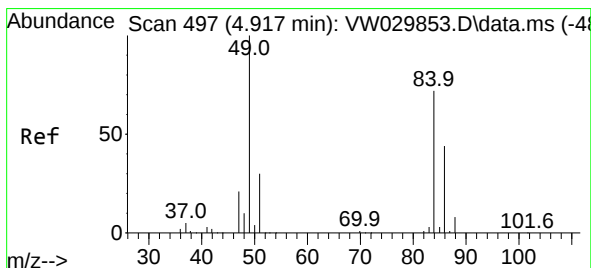
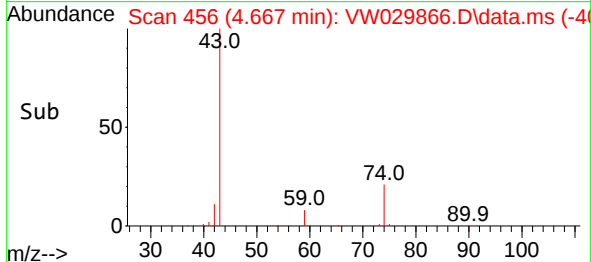
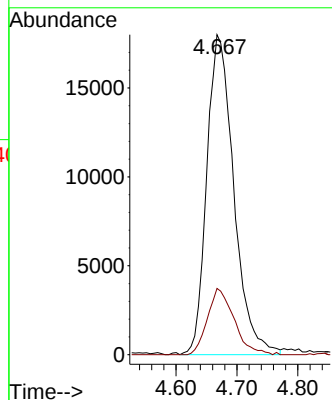
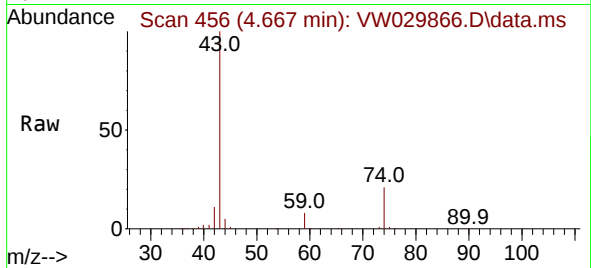




#15
Methyl Acetate
Concen: 23.141 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW029866.D
Acq: 08 Aug 2024 16:50

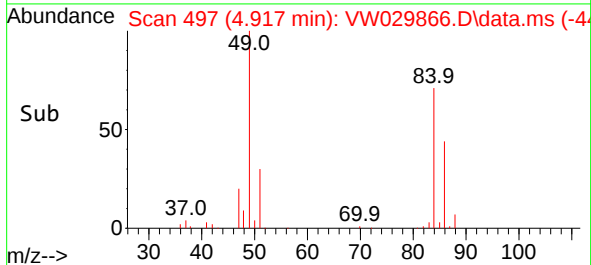
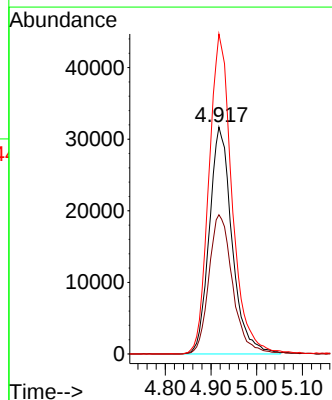
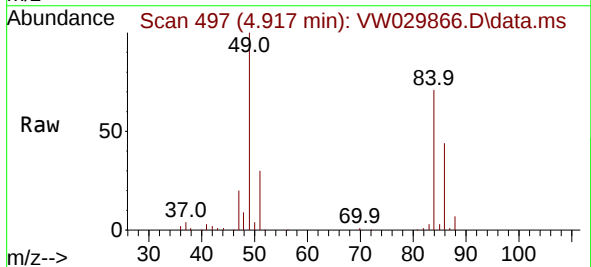
Instrument :
MSVOA_W
ClientSampleId :
E0AE4MSD

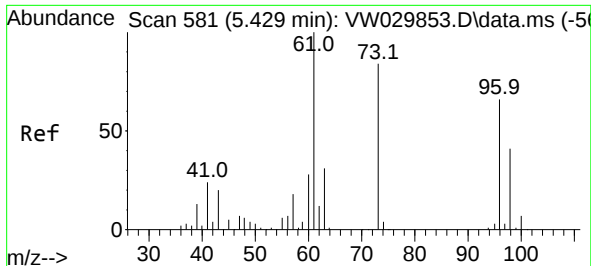
Tgt Ion: 43 Resp: 55501
Ion Ratio Lower Upper
43 100
74 20.3 16.5 24.7



#16
Methylene chloride
Concen: 17.626 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW029866.D
Acq: 08 Aug 2024 16:50

Tgt Ion: 84 Resp: 109722
Ion Ratio Lower Upper
84 100
86 61.4 44.7 82.9
49 141.1 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 21.559 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029866.D

Acq: 08 Aug 2024 16:50

Instrument :

MSVOA_W

ClientSampleId :

E0AE4MSD

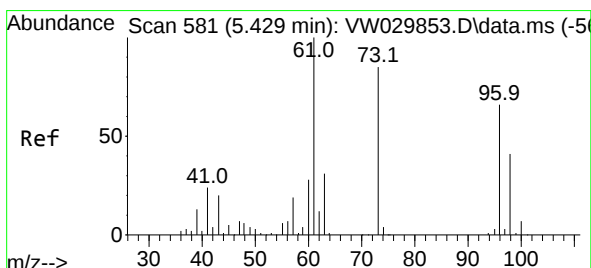
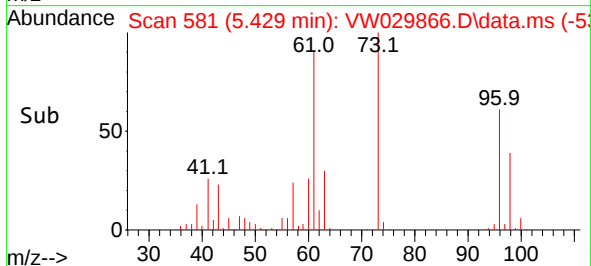
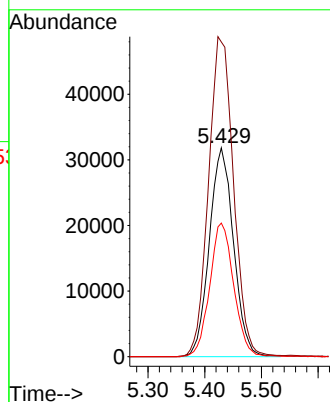
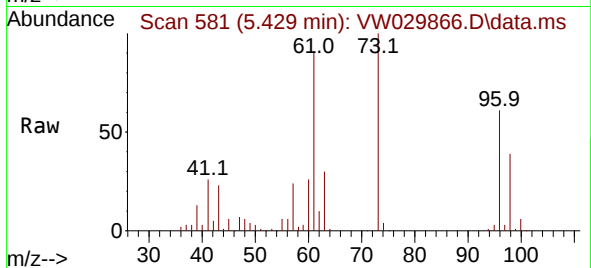
Tgt Ion: 96 Resp: 94506

Ion Ratio Lower Upper

96 100

61 150.7 111.2 206.6

98 64.0 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 25.324 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029866.D

Acq: 08 Aug 2024 16:50

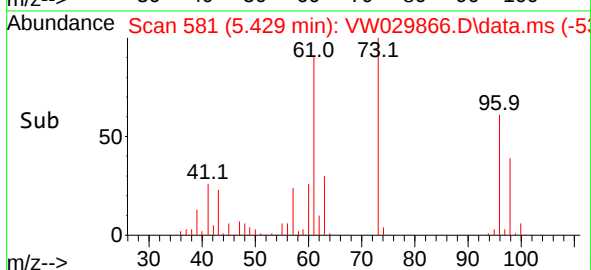
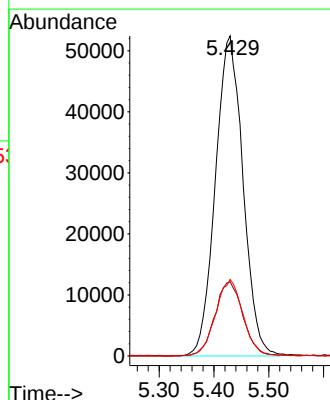
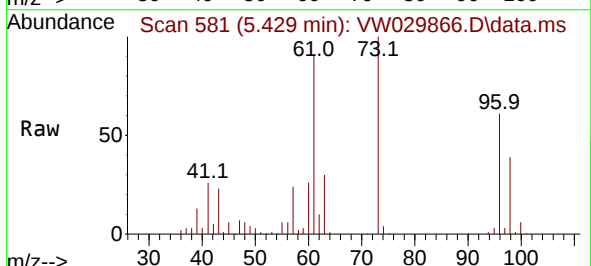
Tgt Ion: 73 Resp: 182963

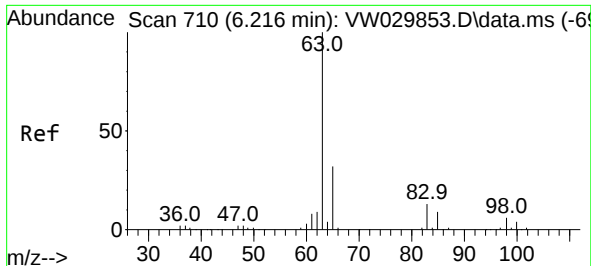
Ion Ratio Lower Upper

73 100

43 23.5 18.3 27.5

57 23.9 17.9 26.9

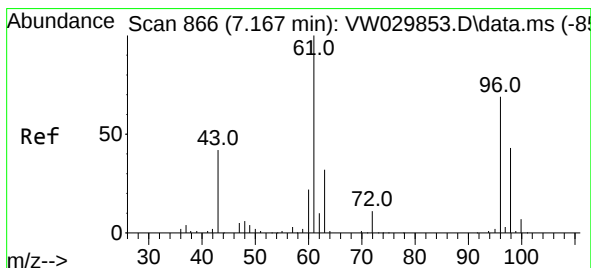
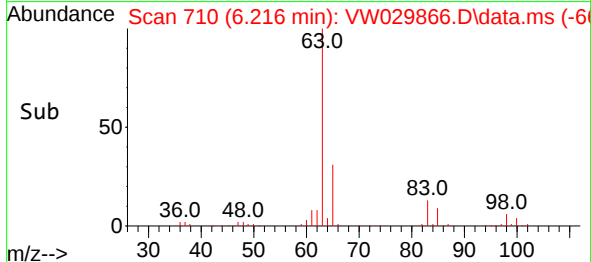
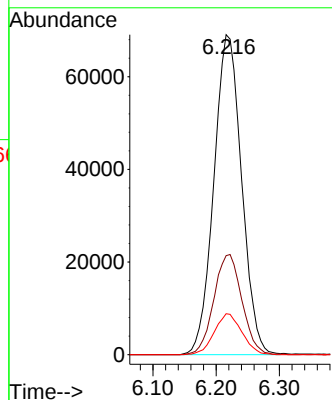
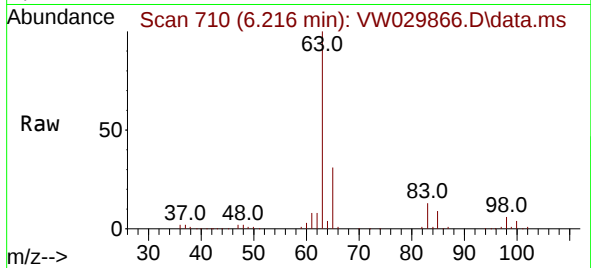




#19
1,1-Dichloroethane
Concen: 22.755 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW029866.D
Acq: 08 Aug 2024 16:50

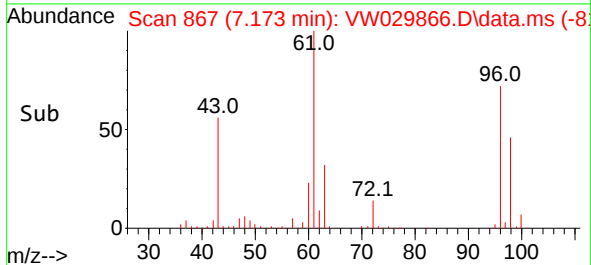
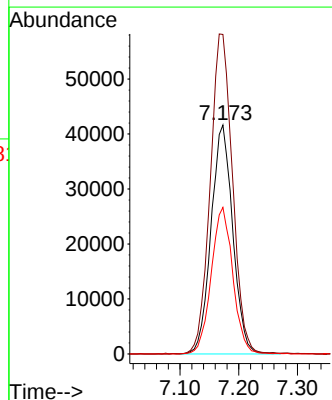
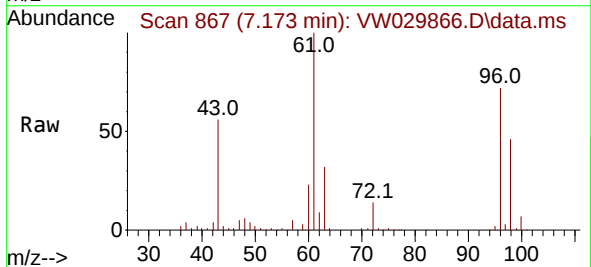
Instrument :
MSVOA_W
ClientSampleId :
E0AE4MSD

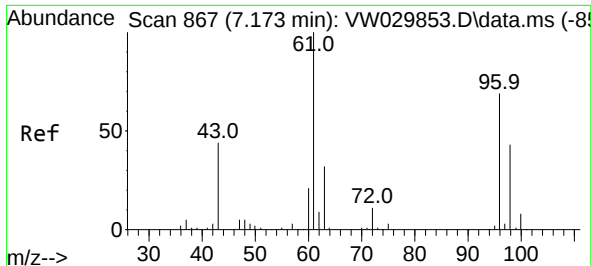
Tgt Ion: 63 Resp: 210385
Ion Ratio Lower Upper
63 100
65 30.9 22.3 41.3
83 12.8 8.5 15.7



#20
cis-1,2-Dichloroethene
Concen: 22.452 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW029866.D
Acq: 08 Aug 2024 16:50

Tgt Ion: 96 Resp: 106761
Ion Ratio Lower Upper
96 100
61 139.6 98.2 182.4
98 64.0 41.9 77.9

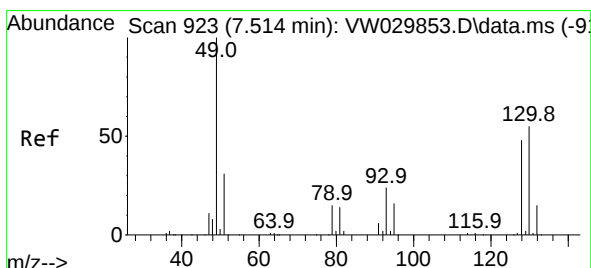
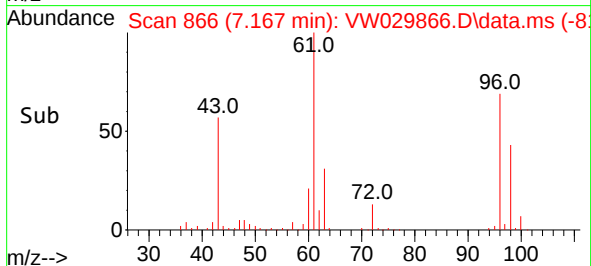
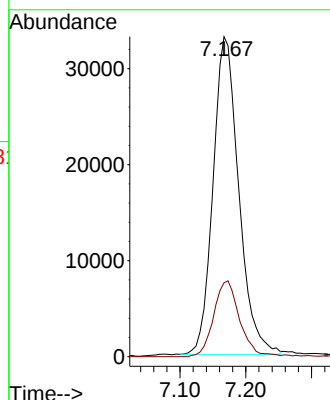
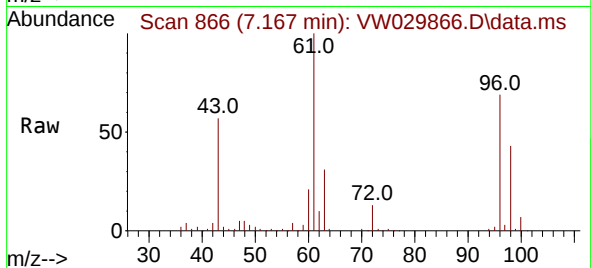




#22
2-Butanone
Concen: 48.761 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW029866.D
Acq: 08 Aug 2024 16:50

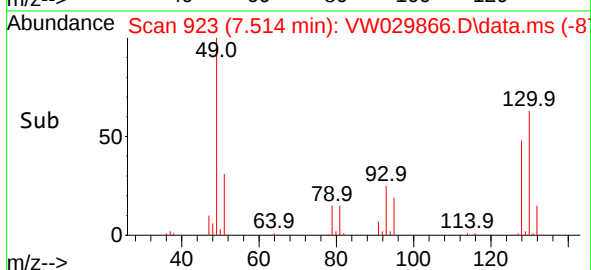
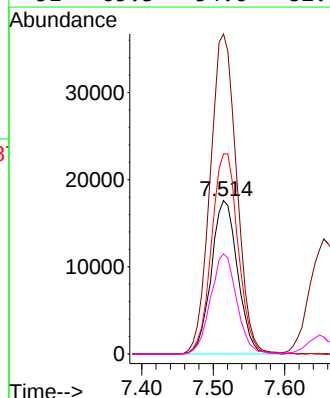
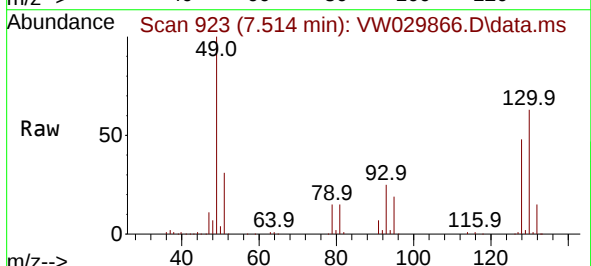
Instrument :
MSVOA_W
ClientSampleId :
E0AE4MSD

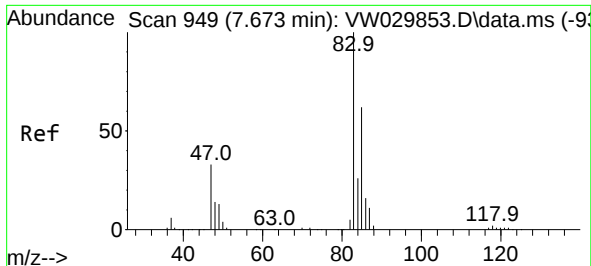
Tgt Ion: 43 Resp: 89963
Ion Ratio Lower Upper
43 100
72 23.6 11.7 35.1



#23
Bromochloromethane
Concen: 22.226 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW029866.D
Acq: 08 Aug 2024 16:50

Tgt Ion: 128 Resp: 44867
Ion Ratio Lower Upper
128 100
49 208.4 151.1 280.7
130 130.4 96.8 179.8
51 65.3 54.6 82.0





#25

Chloroform

Concen: 22.670 ug/L

RT: 7.679 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW029866.D

Acq: 08 Aug 2024 16:50

Instrument :

MSVOA_W

ClientSampleId :

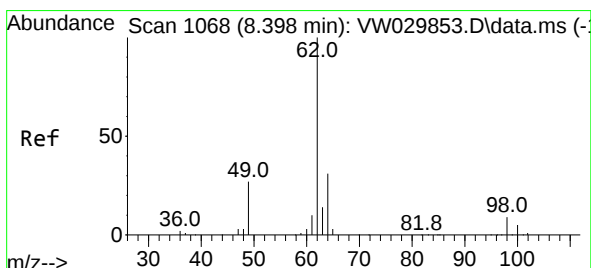
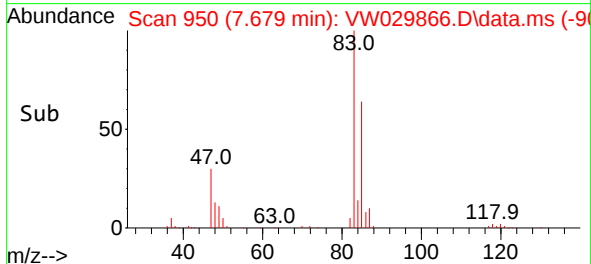
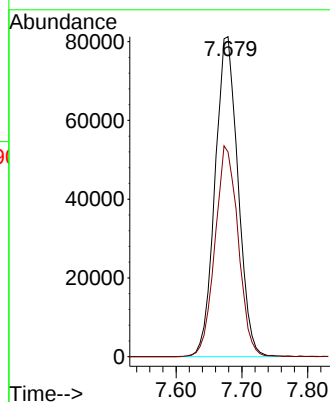
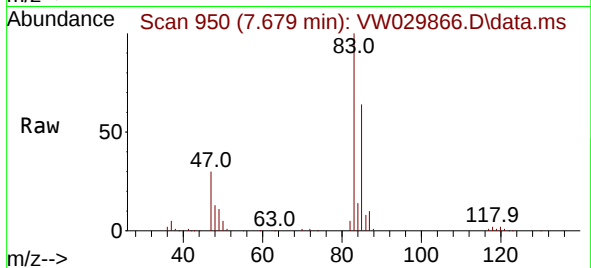
E0AE4MSD

Tgt Ion: 83 Resp: 197467

Ion Ratio Lower Upper

83 100

85 64.0 44.4 82.4



#27

1,2-Dichloroethane

Concen: 21.952 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029866.D

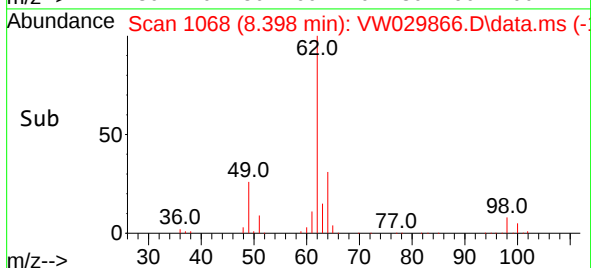
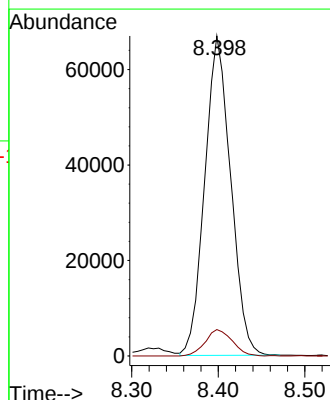
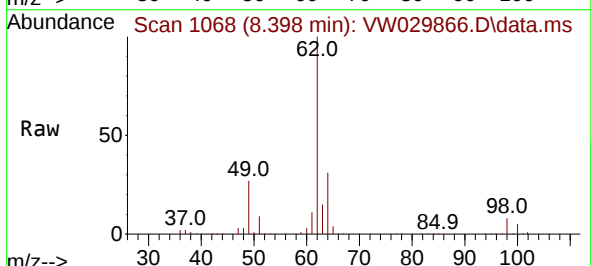
Acq: 08 Aug 2024 16:50

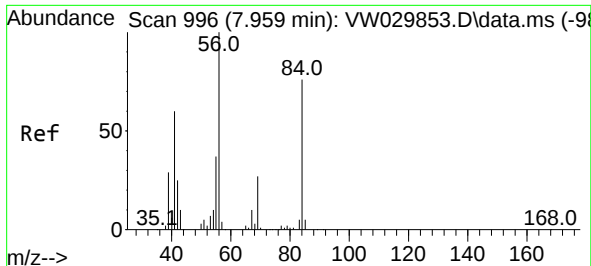
Tgt Ion: 62 Resp: 139357

Ion Ratio Lower Upper

62 100

98 8.2 6.6 10.0





#29

Cyclohexane

Concen: 24.137 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW029866.D

Acq: 08 Aug 2024 16:50

Instrument :

MSVOA_W

ClientSampleId :

E0AE4MSD

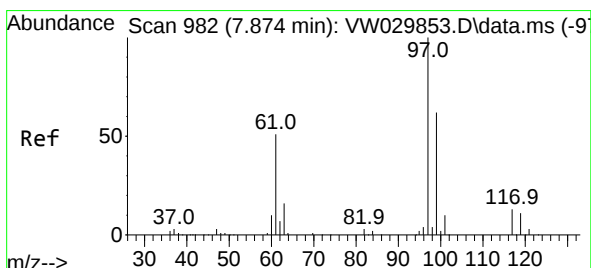
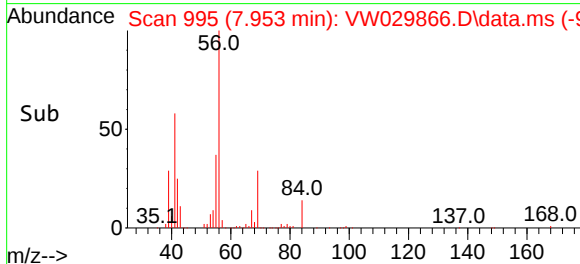
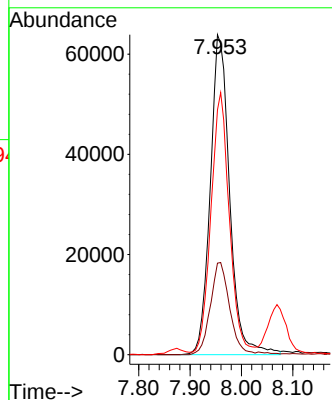
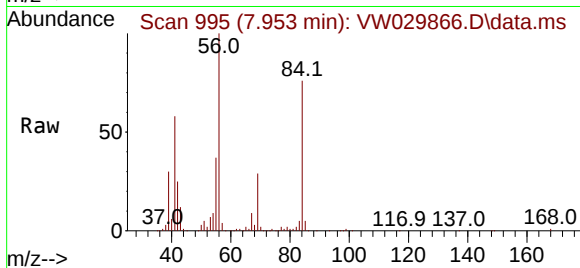
Tgt Ion: 56 Resp: 167678

Ion Ratio Lower Upper

56 100

69 28.4 23.0 34.4

84 77.8 63.5 95.3



#30

1,1,1-Trichloroethane

Concen: 25.582 ug/L

RT: 7.880 min Scan# 983

Delta R.T. 0.006 min

Lab File: VW029866.D

Acq: 08 Aug 2024 16:50

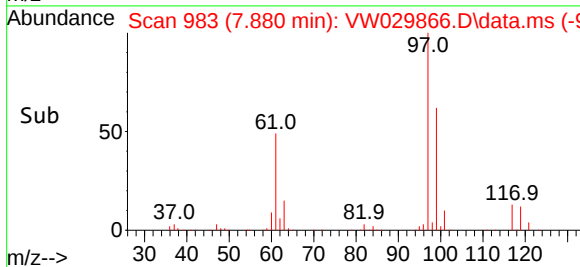
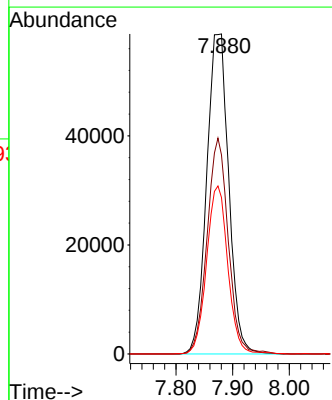
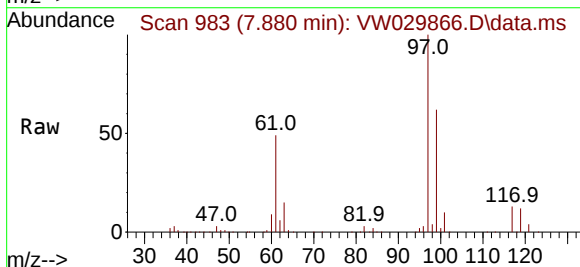
Tgt Ion: 97 Resp: 158361

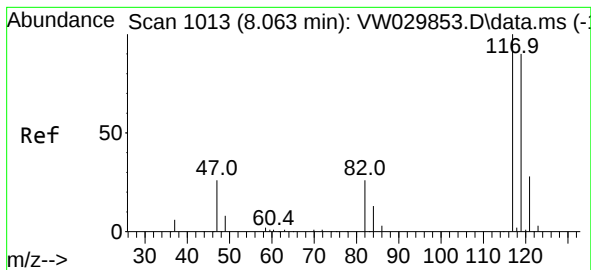
Ion Ratio Lower Upper

97 100

99 64.8 52.1 78.1

61 50.5 42.6 63.8

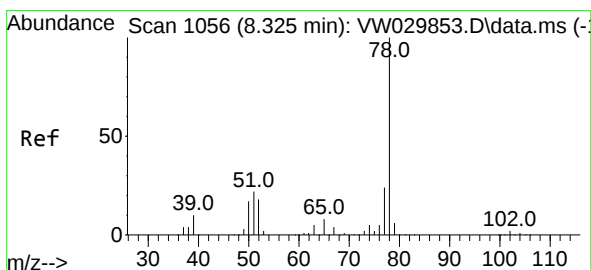
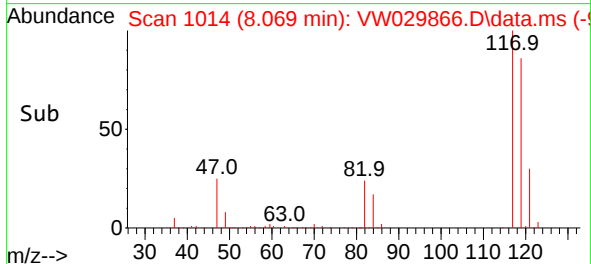
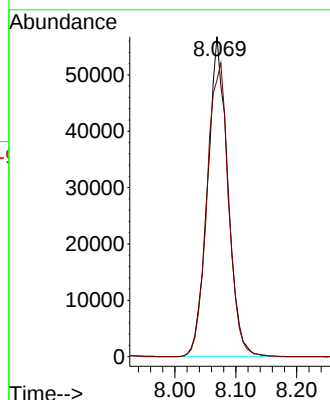
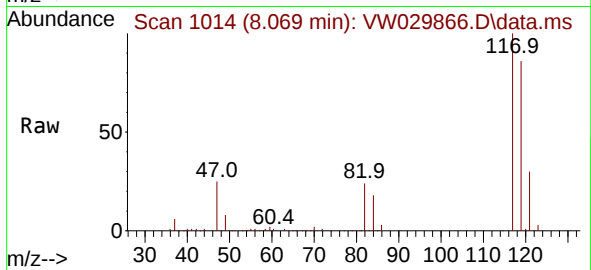




#31
Carbon tetrachloride
Concen: 23.610 ug/L
RT: 8.069 min Scan# 1013
Delta R.T. 0.006 min
Lab File: VW029866.D
Acq: 08 Aug 2024 16:50

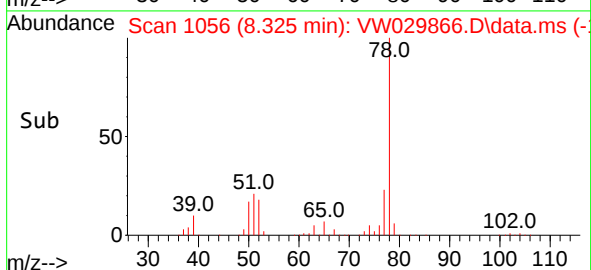
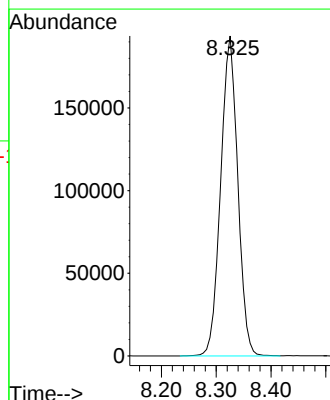
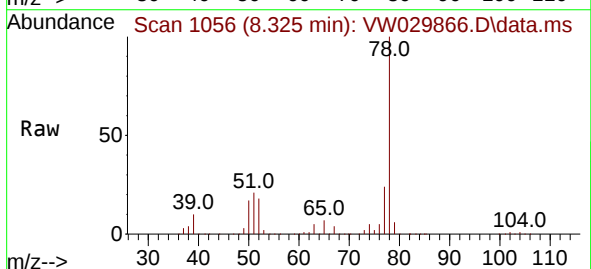
Instrument :
MSVOA_W
ClientSampleId :
E0AE4MSD

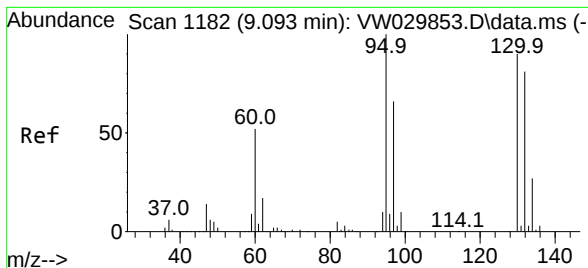
Tgt Ion:117 Resp: 131699
Ion Ratio Lower Upper
117 100
119 97.6 74.8 112.2



#33
Benzene
Concen: 25.063 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW029866.D
Acq: 08 Aug 2024 16:50

Tgt Ion: 78 Resp: 419775





#34

Trichloroethene

Concen: 23.177 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW029866.D

Acq: 08 Aug 2024 16:50

Instrument :

MSVOA_W

ClientSampleId :

E0AE4MSD

Tgt Ion: 95 Resp: 101765

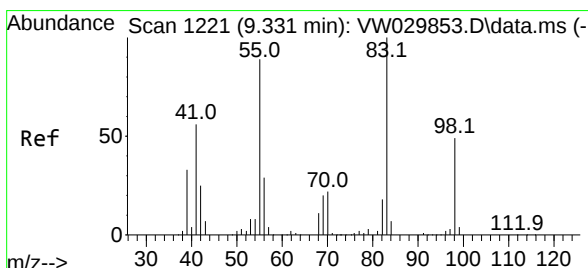
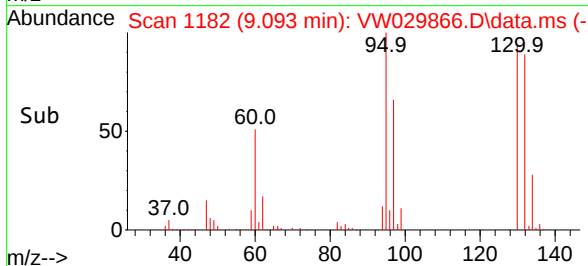
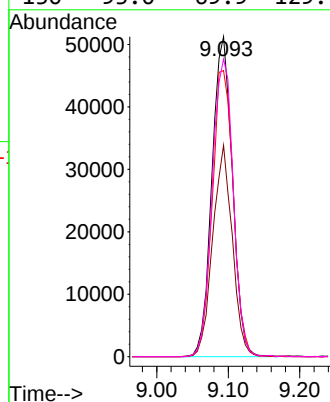
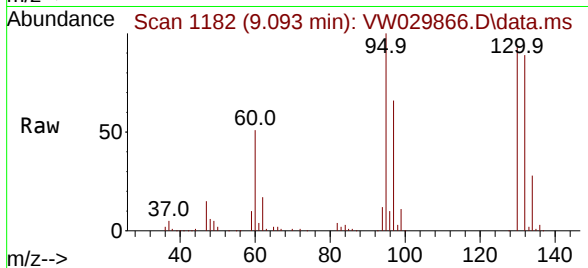
Ion Ratio Lower Upper

95 100

97 66.0 45.6 84.8

132 89.4 65.2 121.0

130 93.0 69.9 129.7



#35

Methylcyclohexane

Concen: 21.522 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW029866.D

Acq: 08 Aug 2024 16:50

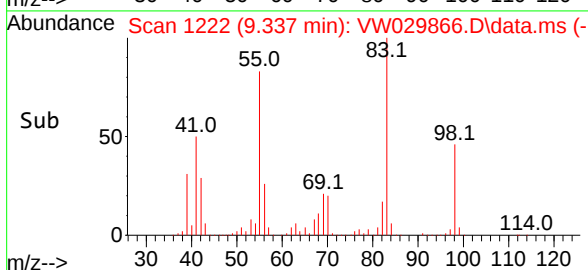
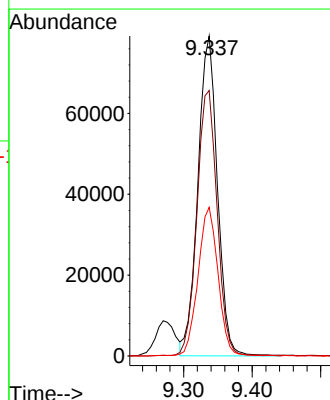
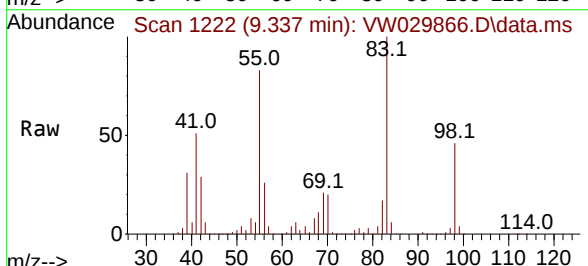
Tgt Ion: 83 Resp: 157465

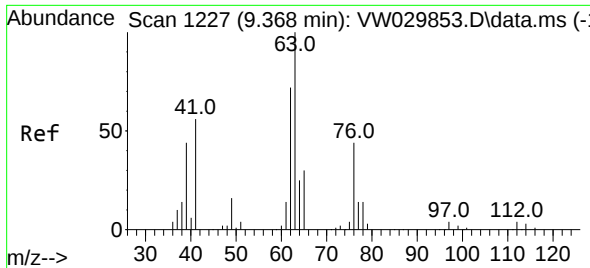
Ion Ratio Lower Upper

83 100

55 85.2 67.4 101.2

98 47.6 36.7 55.1

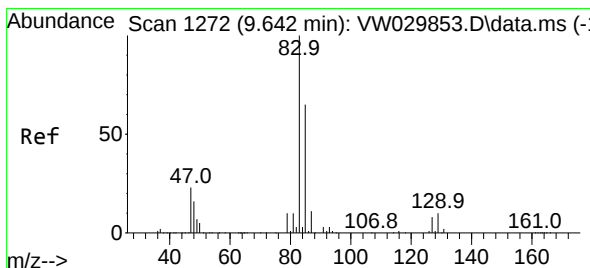
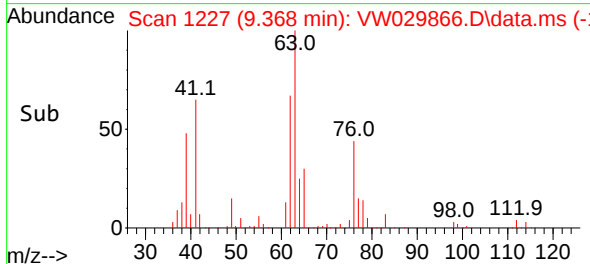
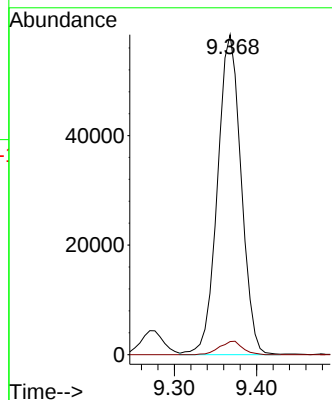
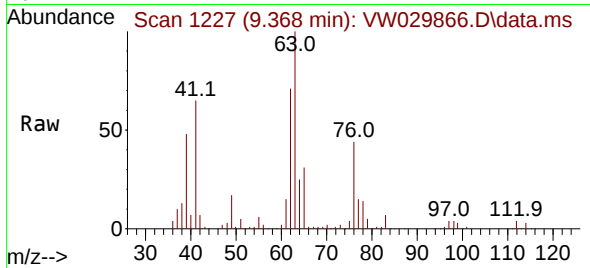




#37
1,2-Dichloropropane
Concen: 25.473 ug/L
RT: 9.368 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029866.D
Acq: 08 Aug 2024 16:50

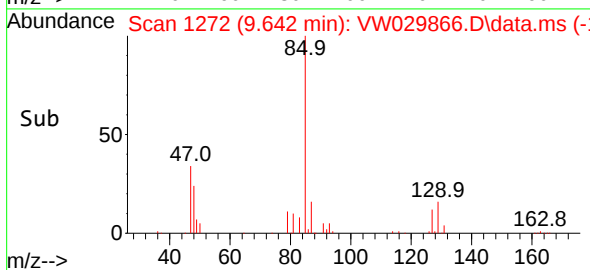
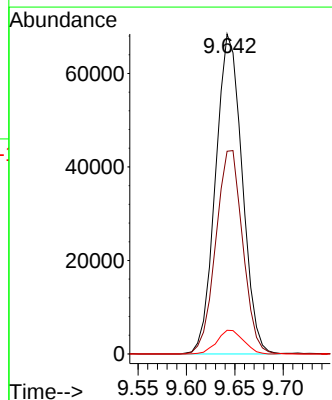
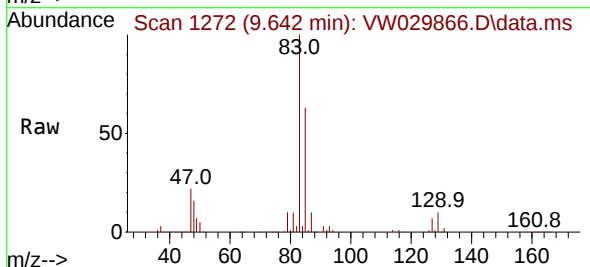
Instrument :
MSVOA_W
ClientSampleId :
E0AE4MSD

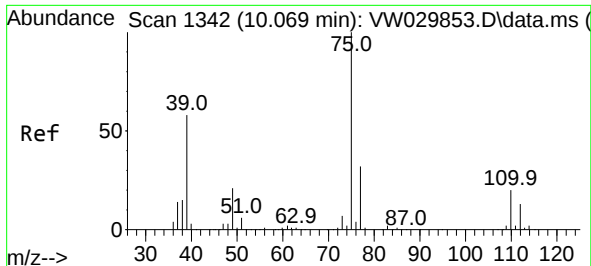
Tgt Ion: 63 Resp: 116917
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 23.921 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW029866.D
Acq: 08 Aug 2024 16:50

Tgt Ion: 83 Resp: 130749
Ion Ratio Lower Upper
83 100
85 63.3 46.6 86.6
127 7.4 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 23.299 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW029866.D

Acq: 08 Aug 2024 16:50

Instrument :

MSVOA_W

ClientSampleId :

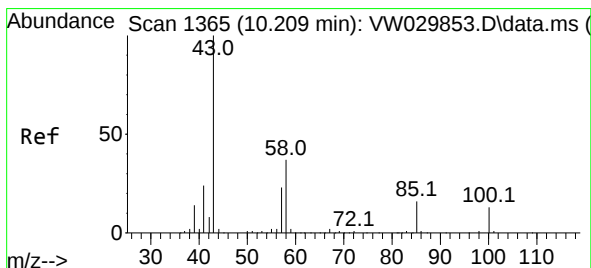
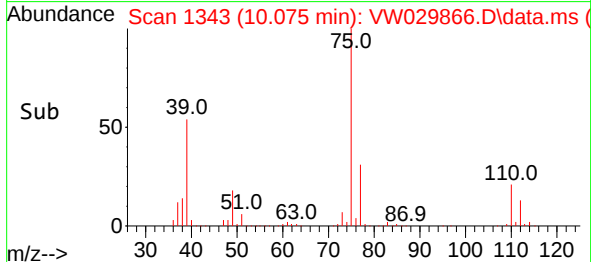
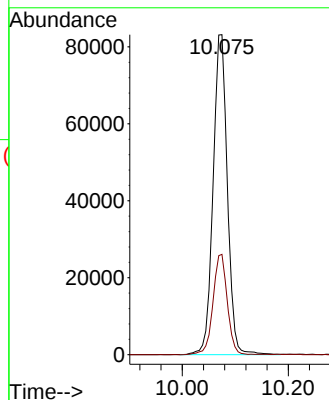
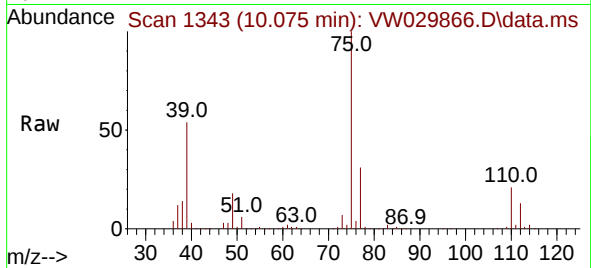
E0AE4MSD

Tgt Ion: 75 Resp: 155741

Ion Ratio Lower Upper

75 100

77 31.3 20.8 38.6



#40

4-Methyl-2-pentanone

Concen: 55.413 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029866.D

Acq: 08 Aug 2024 16:50

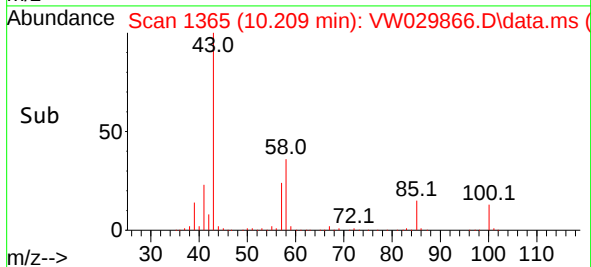
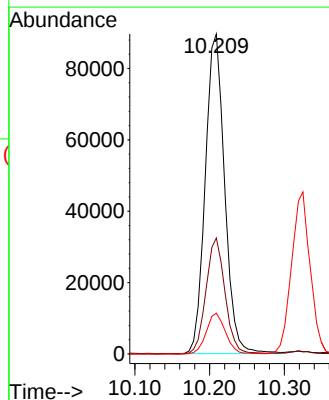
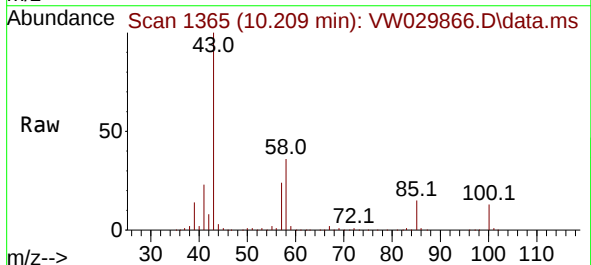
Tgt Ion: 43 Resp: 161553

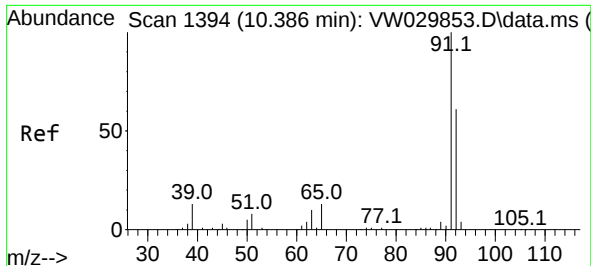
Ion Ratio Lower Upper

43 100

58 35.7 28.7 43.1

100 12.7 10.0 15.0

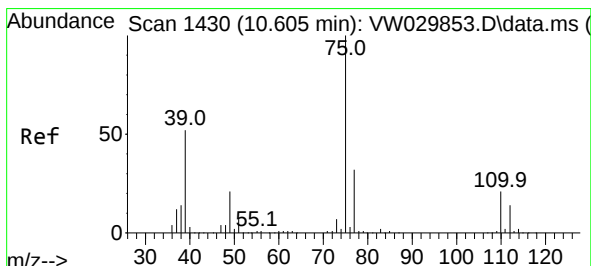
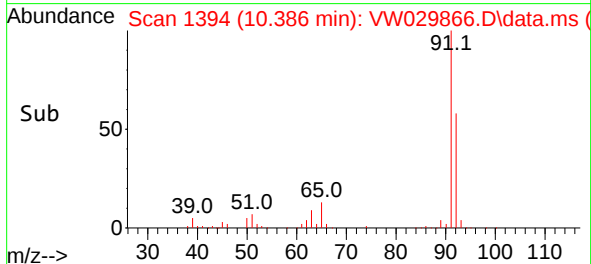
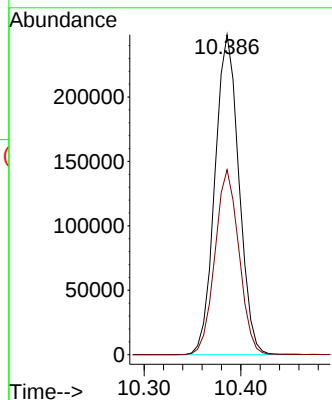
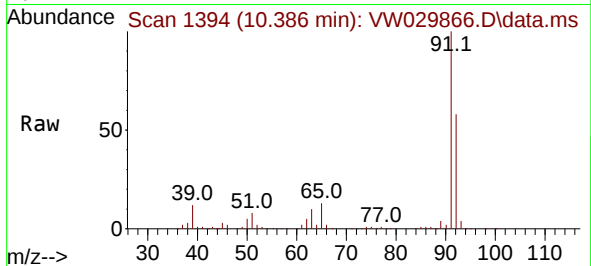




#42
Toluene
Concen: 25.018 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW029866.D
Acq: 08 Aug 2024 16:50

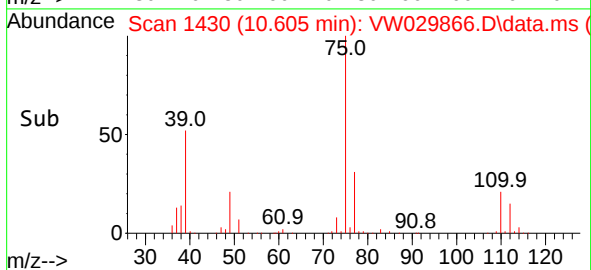
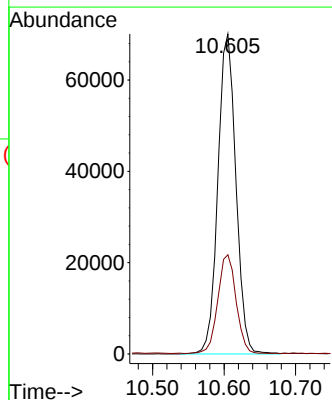
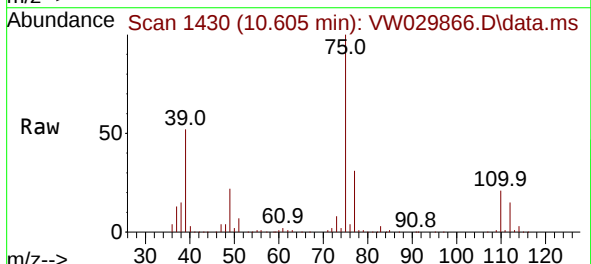
Instrument :
MSVOA_W
ClientSampleId :
E0AE4MSD

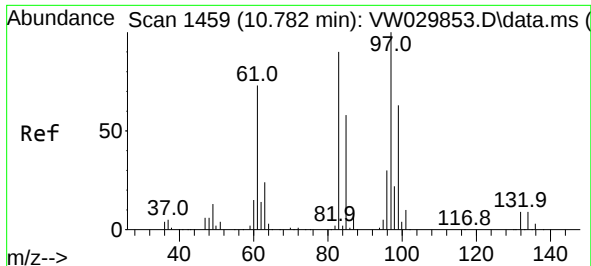
Tgt Ion: 91 Resp: 427724
Ion Ratio Lower Upper
91 100
92 57.8 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 22.097 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW029866.D
Acq: 08 Aug 2024 16:50

Tgt Ion: 75 Resp: 122619
Ion Ratio Lower Upper
75 100
77 31.0 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 24.693 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029866.D

Acq: 08 Aug 2024 16:50

Instrument :

MSVOA_W

ClientSampleId :

E0AE4MSD

Tgt Ion: 97 Resp: 76142

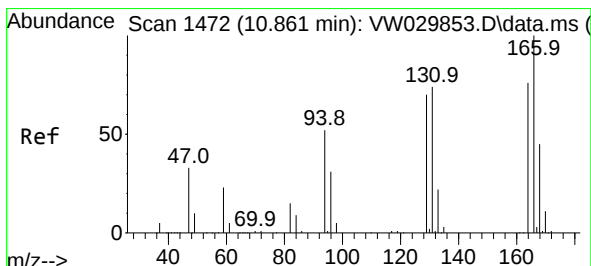
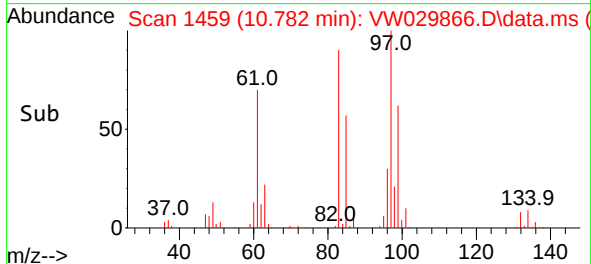
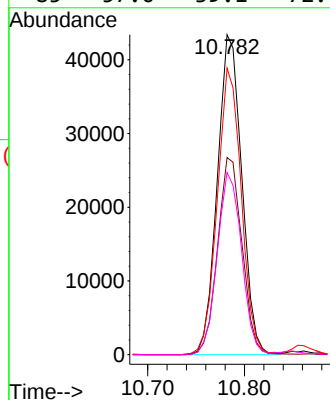
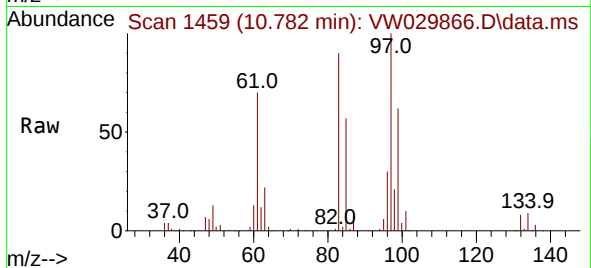
Ion Ratio Lower Upper

97 100

99 61.6 40.1 74.5

83 89.6 58.5 108.7

85 57.0 39.1 72.7



#46

Tetrachloroethene

Concen: 21.381 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029866.D

Acq: 08 Aug 2024 16:50

Tgt Ion:164 Resp: 68232

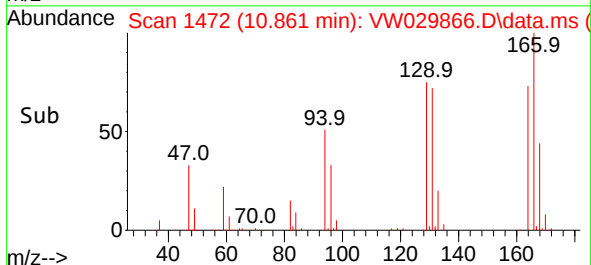
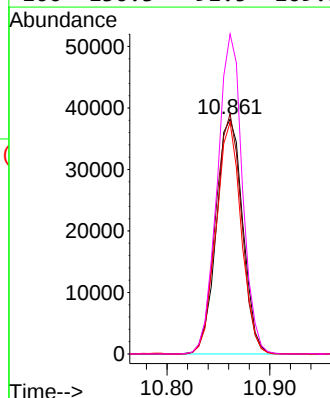
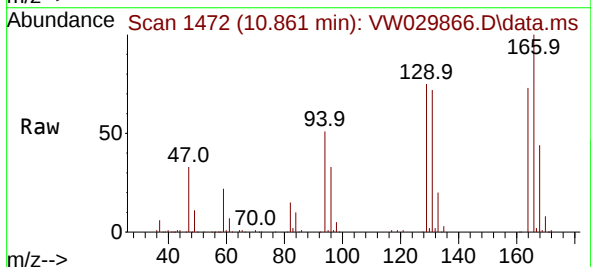
Ion Ratio Lower Upper

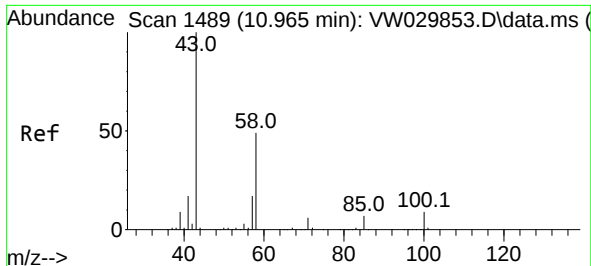
164 100

129 102.2 77.8 144.6

131 98.7 70.9 131.7

166 136.3 91.5 169.9

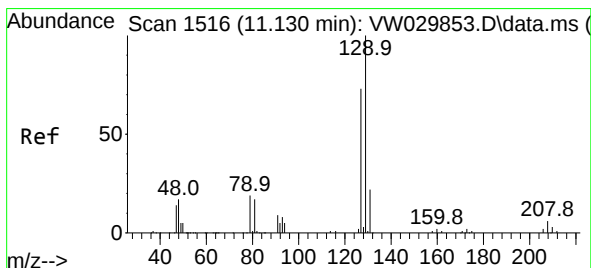
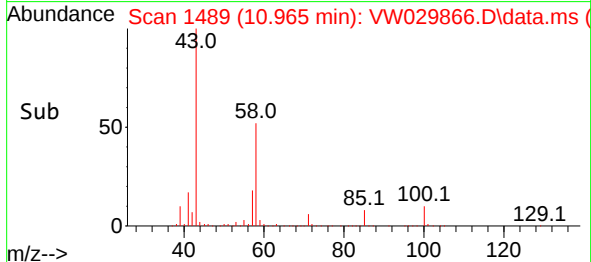
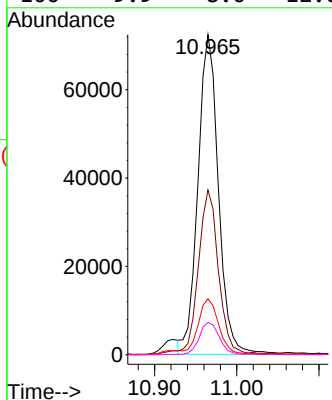
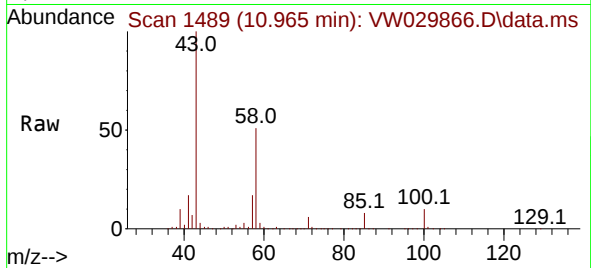




#48
2-Hexanone
Concen: 57.459 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029866.D
Acq: 08 Aug 2024 16:50

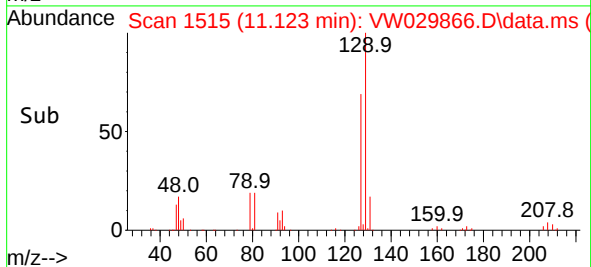
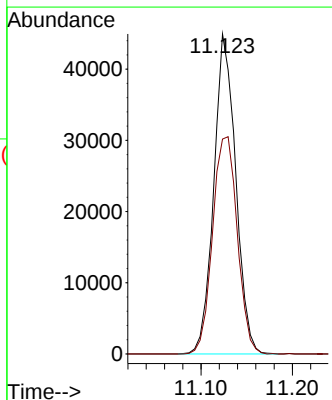
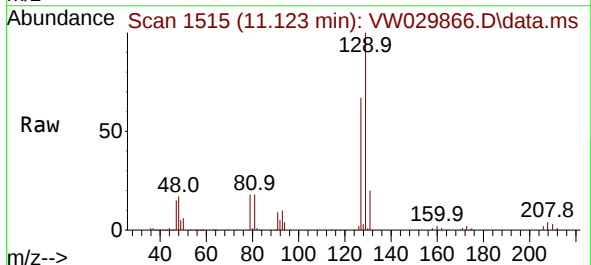
Instrument :
MSVOA_W
ClientSampleId :
E0AE4MSD

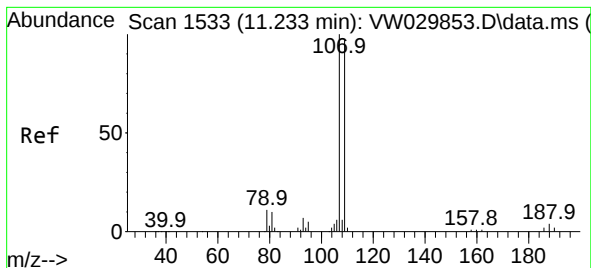
Tgt Ion:	43	Resp:	125463
Ion	Ratio	Lower	Upper
43	100		
58	51.0	41.0	61.4
57	17.8	14.1	21.1
100	9.9	8.0	12.0



#49
Dibromochloromethane
Concen: 23.382 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW029866.D
Acq: 08 Aug 2024 16:50

Tgt Ion:	129	Resp:	74846
Ion	Ratio	Lower	Upper
129	100		
127	67.2	52.4	97.2

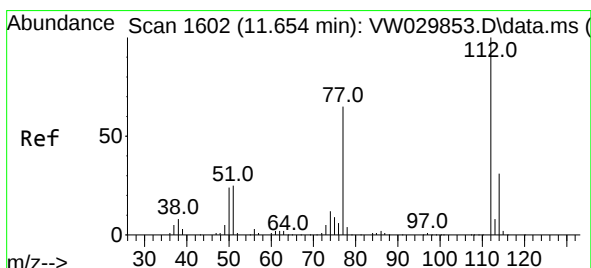
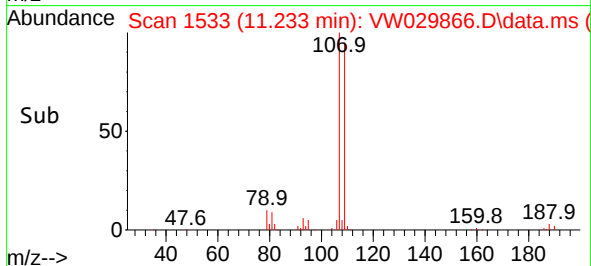
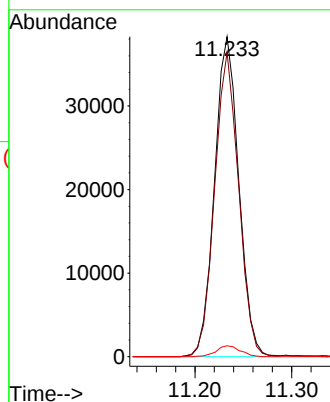
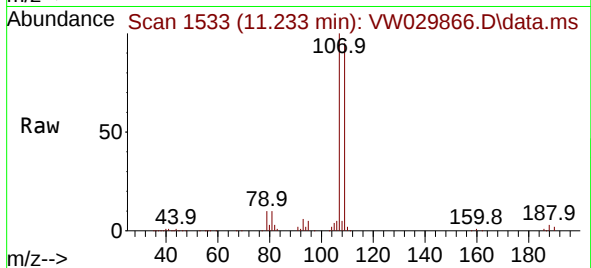




#50
1,2-Dibromoethane
Concen: 23.403 ug/L
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029866.D
Acq: 08 Aug 2024 16:50

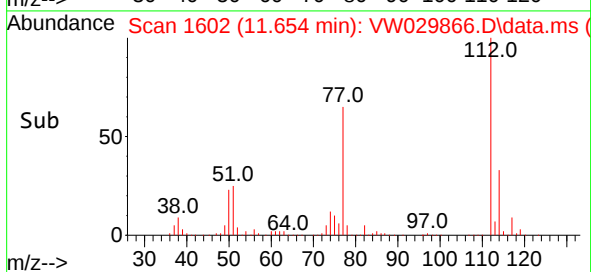
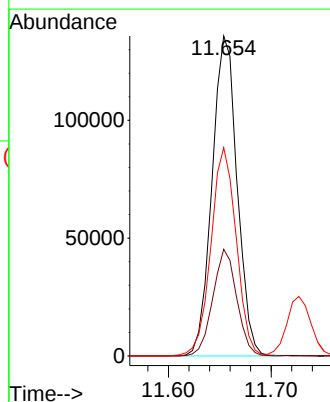
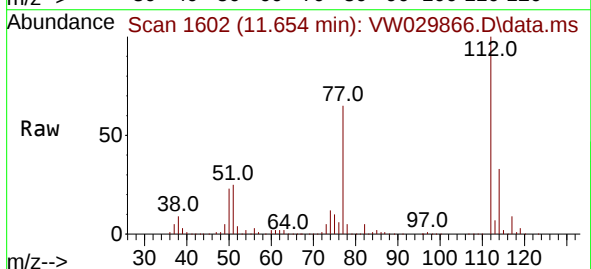
Instrument :
MSVOA_W
ClientSampleId :
E0AE4MSD

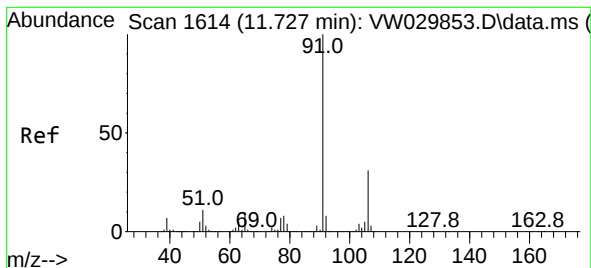
Tgt Ion:	107	Resp:	66770
Ion	Ratio	Lower	Upper
107	100		
109	95.1	64.8	120.3
188	3.4	2.7	4.1



#51
Chlorobenzene
Concen: 21.646 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW029866.D
Acq: 08 Aug 2024 16:50

Tgt Ion:	112	Resp:	230194
Ion	Ratio	Lower	Upper
112	100		
114	33.4	22.0	40.8
77	65.1	53.8	80.8

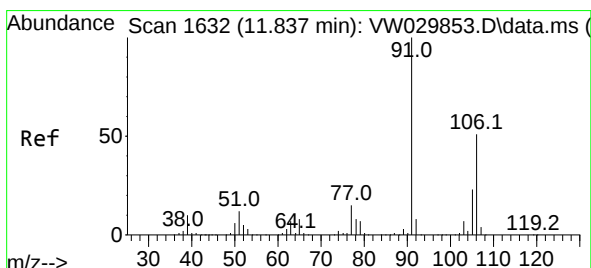
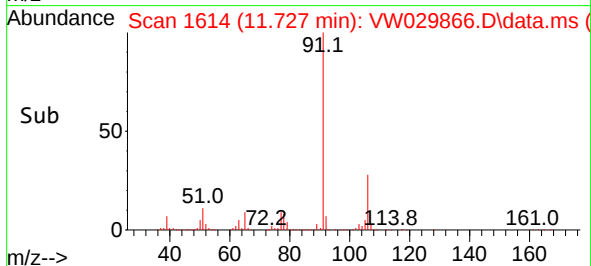
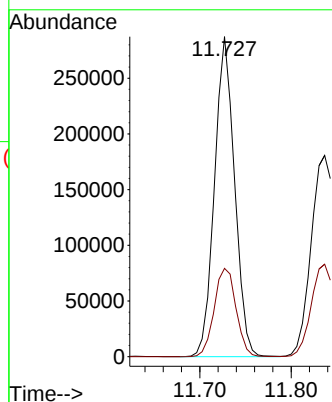
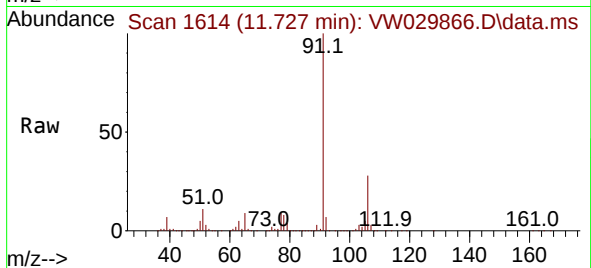




#52
Ethylbenzene
Concen: 22.705 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029866.D
Acq: 08 Aug 2024 16:50

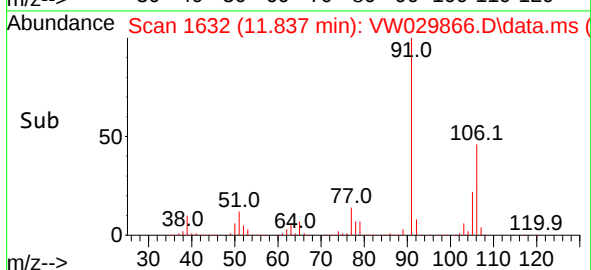
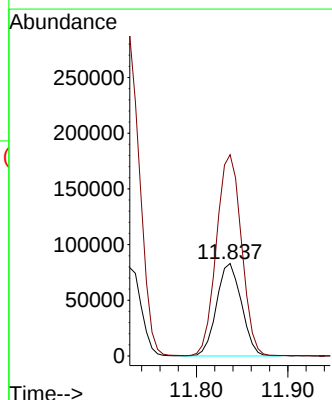
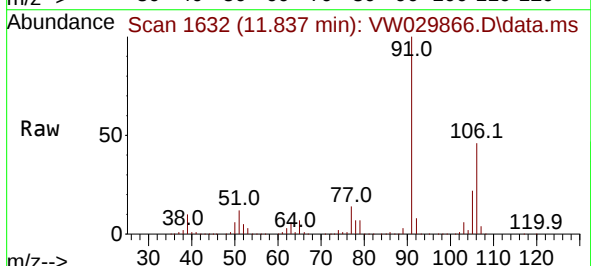
Instrument :
MSVOA_W
ClientSampleId :
E0AE4MSD

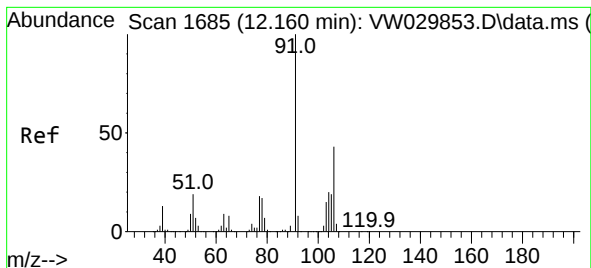
Tgt Ion: 91 Resp: 437863
Ion Ratio Lower Upper
91 100
106 27.6 20.4 38.0



#53
m,p-Xylene
Concen: 22.204 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029866.D
Acq: 08 Aug 2024 16:50

Tgt Ion: 106 Resp: 157478
Ion Ratio Lower Upper
106 100
91 217.5 151.4 281.2





#54

o-Xylene

Concen: 23.524 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029866.D

Acq: 08 Aug 2024 16:50

Instrument :

MSVOA_W

ClientSampleId :

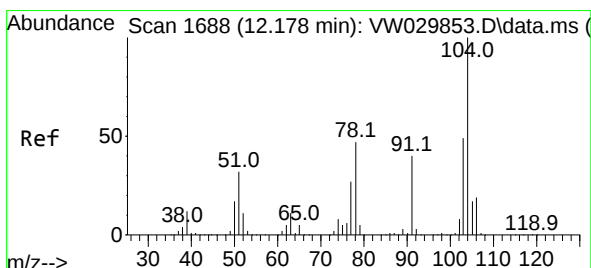
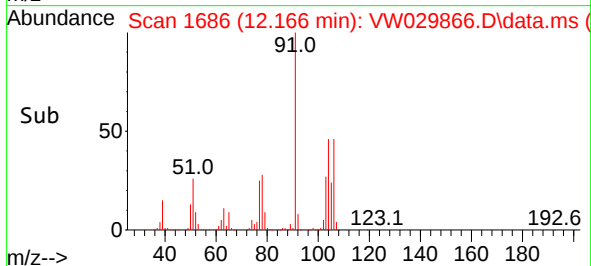
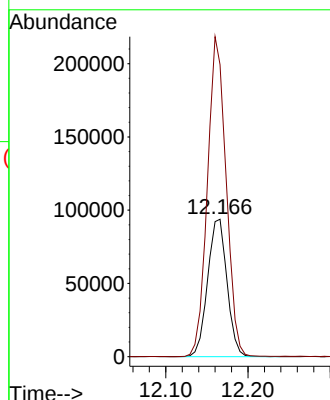
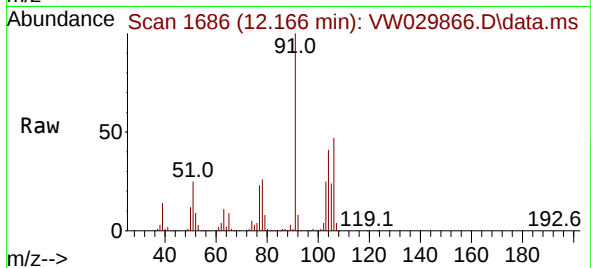
E0AE4MSD

Tgt Ion:106 Resp: 153643

Ion Ratio Lower Upper

106 100

91 212.6 155.8 289.4



#55

Styrene

Concen: 20.275 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029866.D

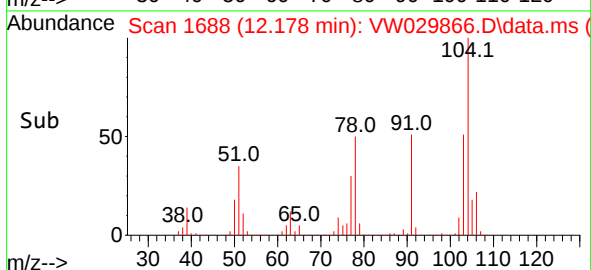
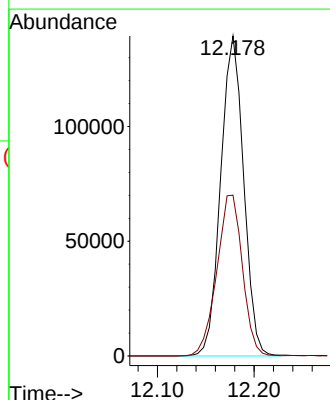
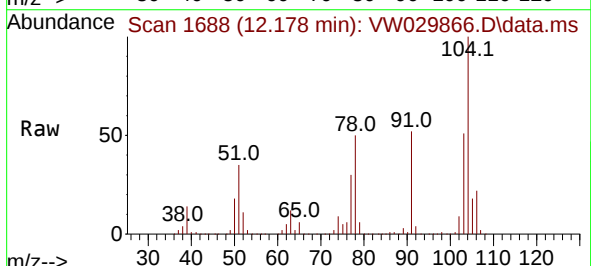
Acq: 08 Aug 2024 16:50

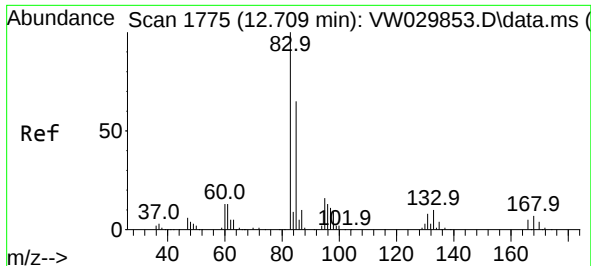
Tgt Ion:104 Resp: 229538

Ion Ratio Lower Upper

104 100

78 50.3 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 22.678 ug/L

RT: 12.709 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029866.D

Acq: 08 Aug 2024 16:50

Instrument :

MSVOA_W

ClientSampleId :

E0AE4MSD

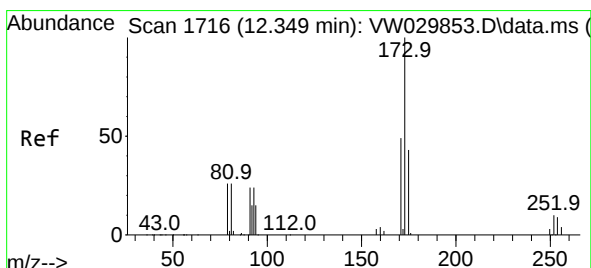
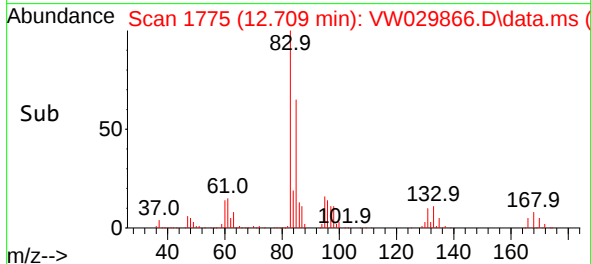
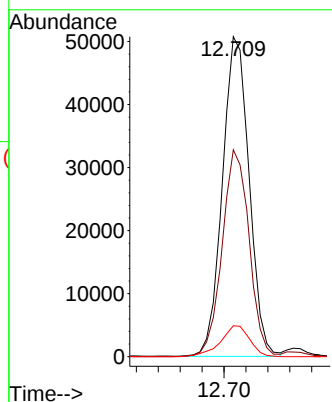
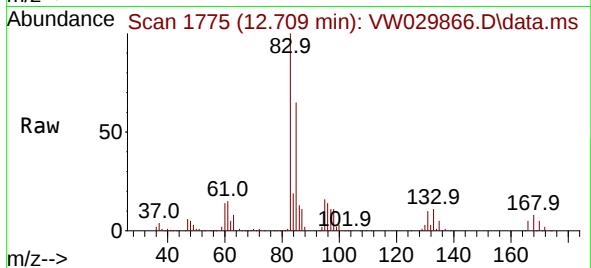
Tgt Ion: 83 Resp: 85829

Ion Ratio Lower Upper

83 100

85 64.6 44.2 82.0

131 9.7 6.2 9.2#



#59

Bromoform

Concen: 30.071 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW029866.D

Acq: 08 Aug 2024 16:50

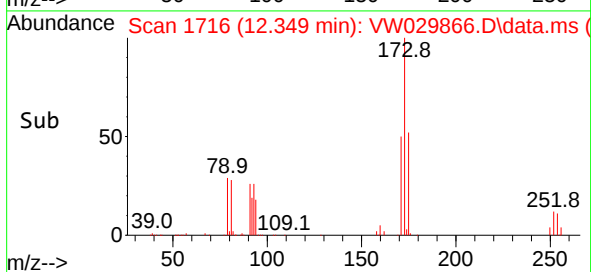
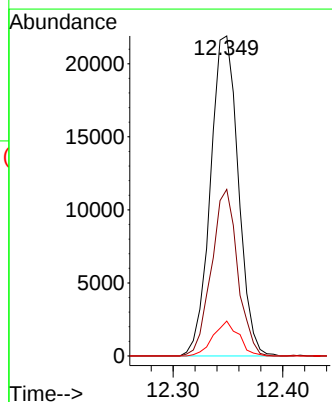
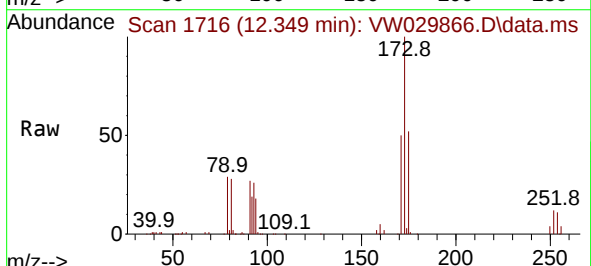
Tgt Ion:173 Resp: 38635

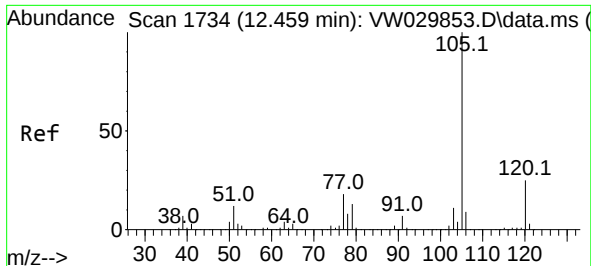
Ion Ratio Lower Upper

173 100

175 48.9 38.1 57.1

254 10.0 7.8 11.6

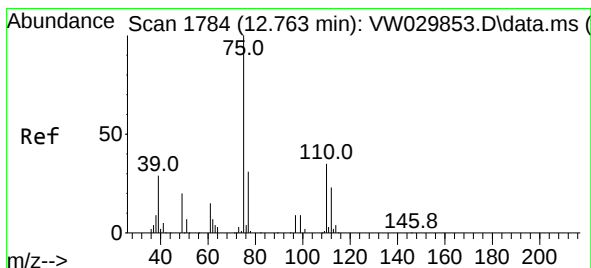
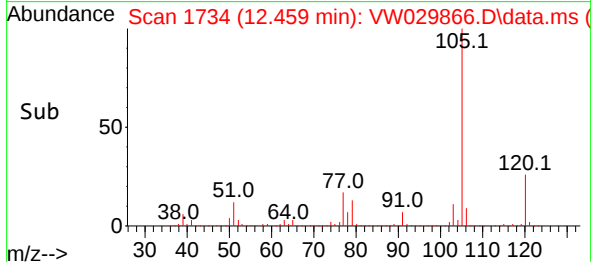
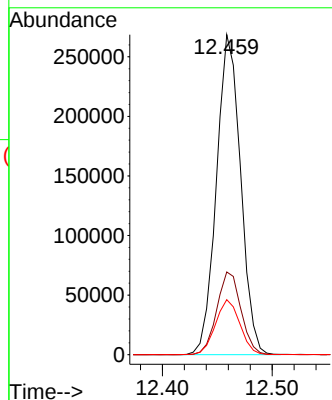
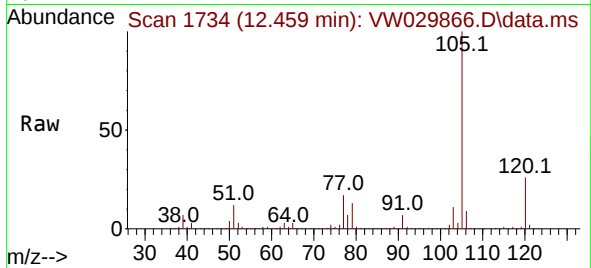




#60
Isopropylbenzene
Concen: 31.124 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW029866.D
Acq: 08 Aug 2024 16:50

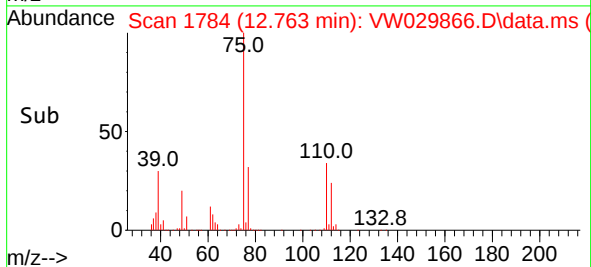
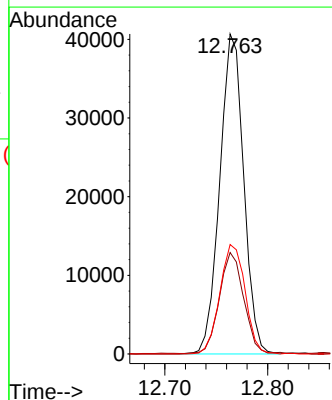
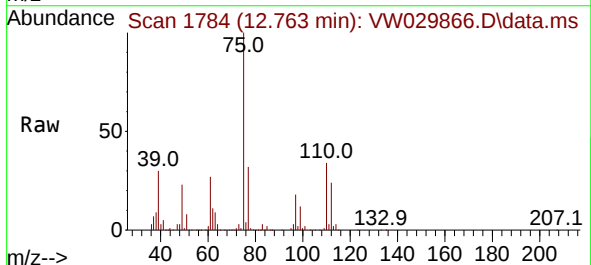
Instrument :
MSVOA_W
ClientSampleId :
E0AE4MSD

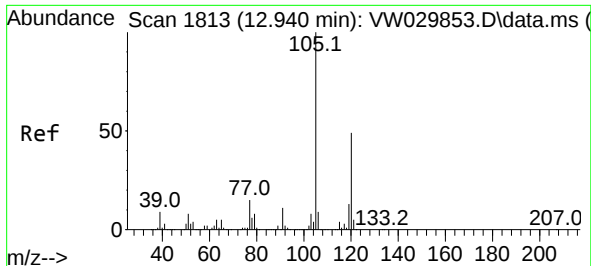
Tgt Ion:105 Resp: 411227
Ion Ratio Lower Upper
105 100
120 25.9 20.3 30.5
77 17.4 14.0 21.0



#61
1,2,3-Trichloropropane
Concen: 31.650 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029866.D
Acq: 08 Aug 2024 16:50

Tgt Ion: 75 Resp: 65726
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0
110 36.2 28.6 43.0





#62

1,3,5-Trimethylbenzene

Concen: 31.820 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029866.D

Acq: 08 Aug 2024 16:50

Instrument :

MSVOA_W

ClientSampleId :

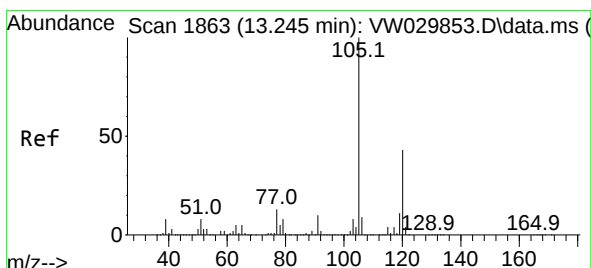
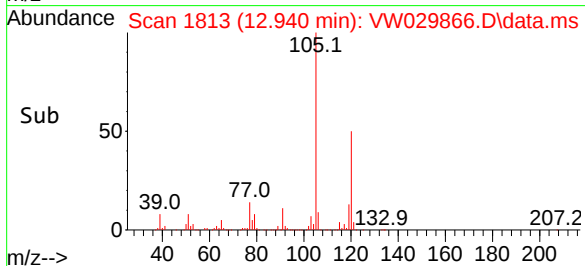
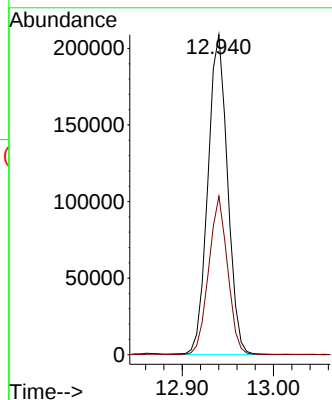
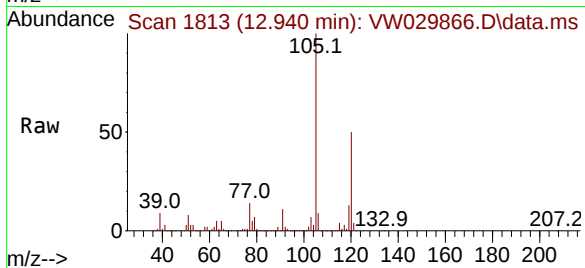
E0AE4MSD

Tgt Ion:105 Resp: 312499

Ion Ratio Lower Upper

105 100

120 47.6 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 29.326 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029866.D

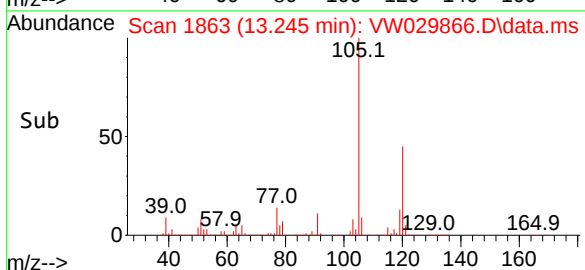
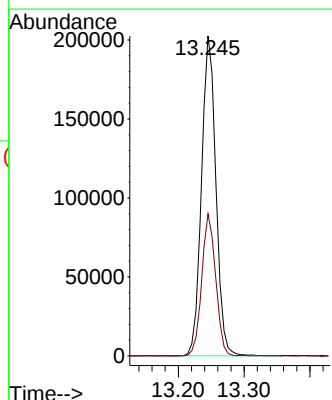
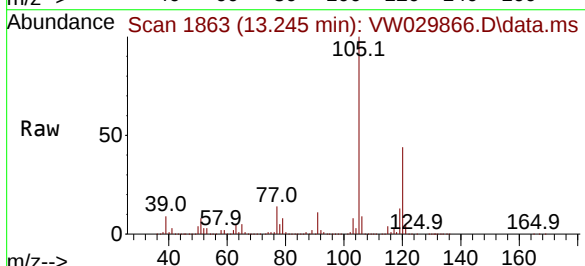
Acq: 08 Aug 2024 16:50

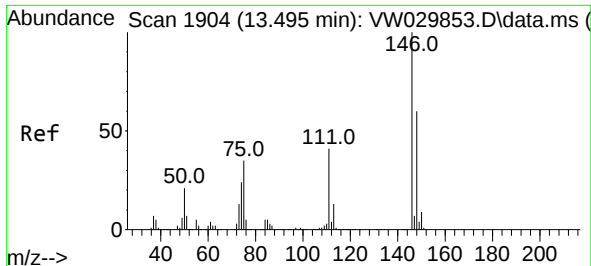
Tgt Ion:105 Resp: 308008

Ion Ratio Lower Upper

105 100

120 42.9 35.4 53.0

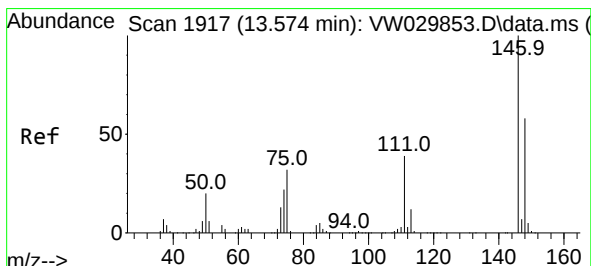
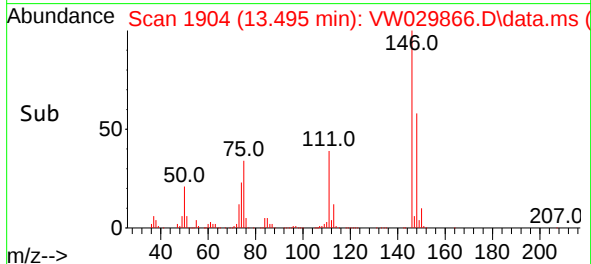
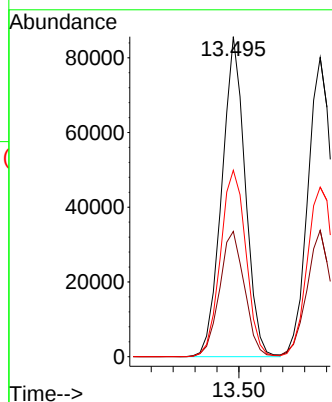
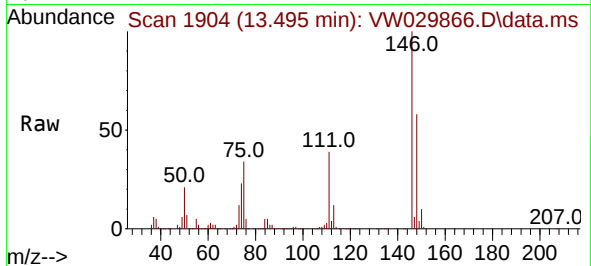




#64
1,3-Dichlorobenzene
Concen: 22.557 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029866.D
Acq: 08 Aug 2024 16:50

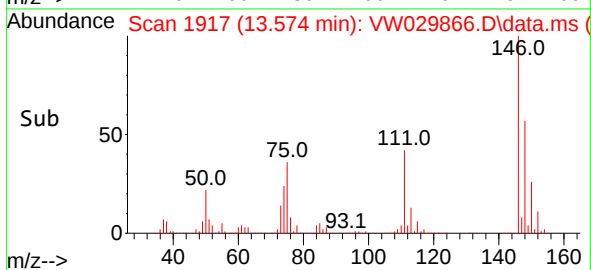
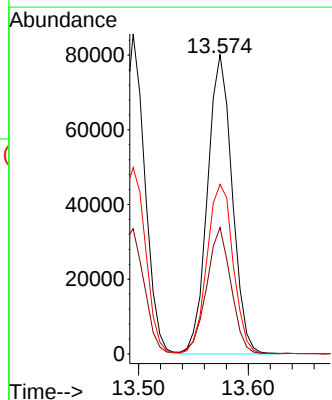
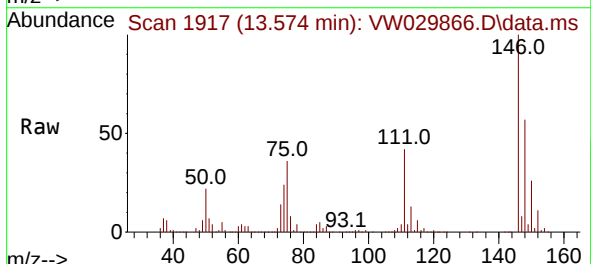
Instrument :
MSVOA_W
ClientSampleId :
E0AE4MSD

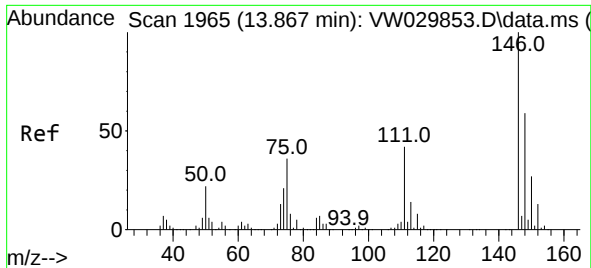
Tgt Ion:146 Resp: 127159
Ion Ratio Lower Upper
146 100
111 39.1 28.7 53.3
148 58.2 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 21.668 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029866.D
Acq: 08 Aug 2024 16:50

Tgt Ion:146 Resp: 125468
Ion Ratio Lower Upper
146 100
111 42.2 30.1 55.9
148 56.7 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 22.249 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029866.D

Acq: 08 Aug 2024 16:50

Instrument :

MSVOA_W

ClientSampleId :

E0AE4MSD

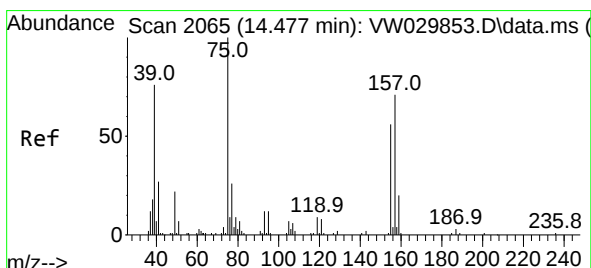
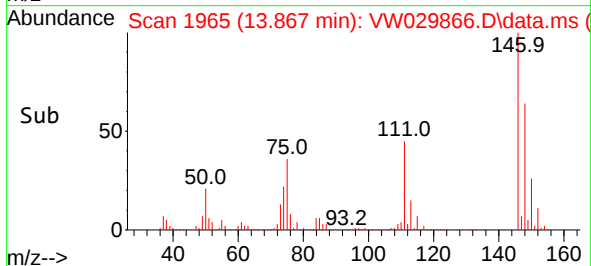
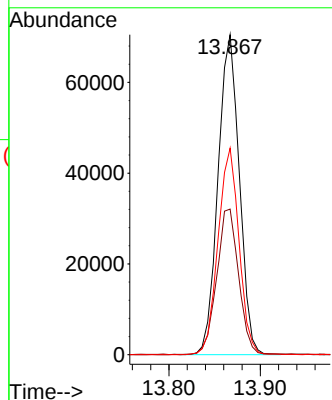
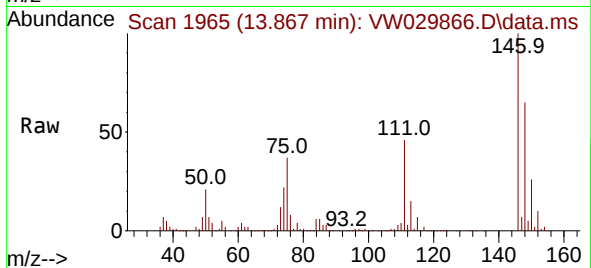
Tgt Ion:146 Resp: 114189

Ion Ratio Lower Upper

146 100

111 45.5 35.8 53.8

148 64.6 52.6 78.8



#68

1,2-Dibromo-3-chloropropane

Concen: 28.109 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029866.D

Acq: 08 Aug 2024 16:50

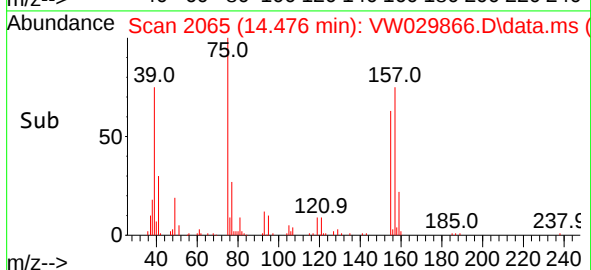
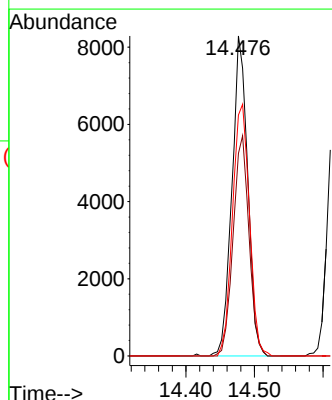
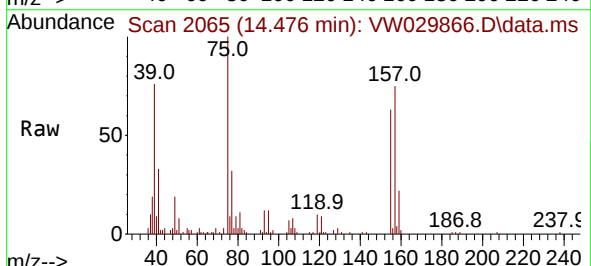
Tgt Ion: 75 Resp: 13254

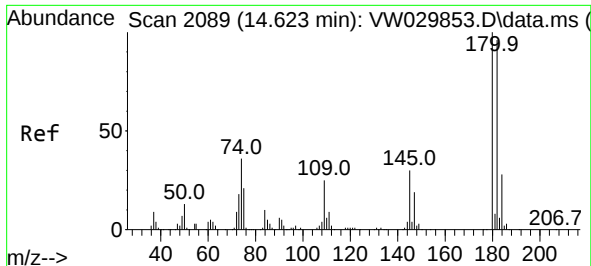
Ion Ratio Lower Upper

75 100

155 63.3 47.8 71.6

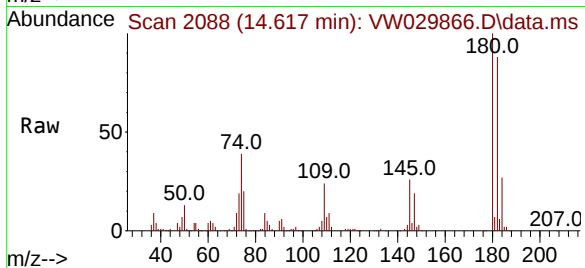
157 75.3 63.7 95.5



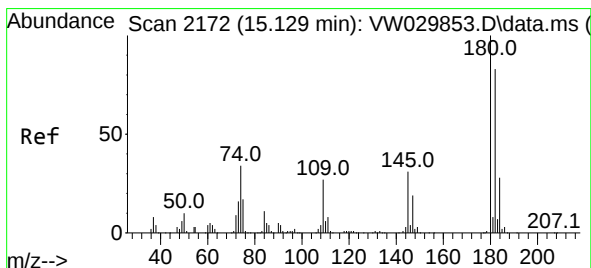
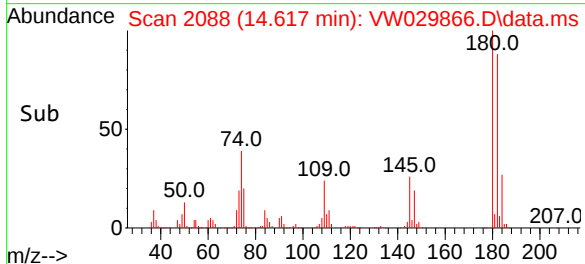
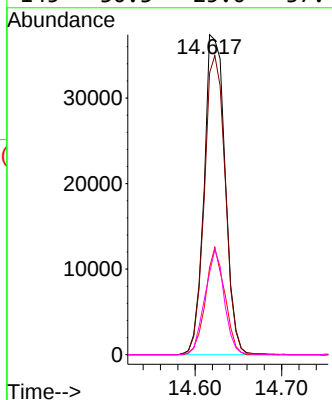


#69
1,3,5-Trichlorobenzene
Concen: 16.343 ug/L
RT: 14.617 min Scan# 2088
Delta R.T. -0.006 min
Lab File: VW029866.D
Acq: 08 Aug 2024 16:50

Instrument :
MSVOA_W
ClientSampleId :
E0AE4MSD

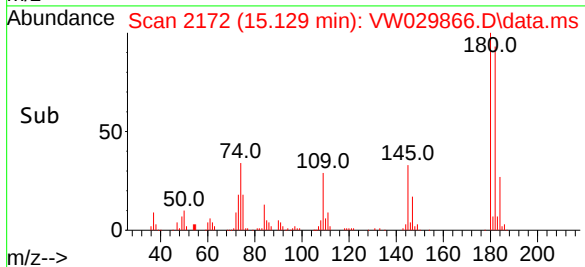
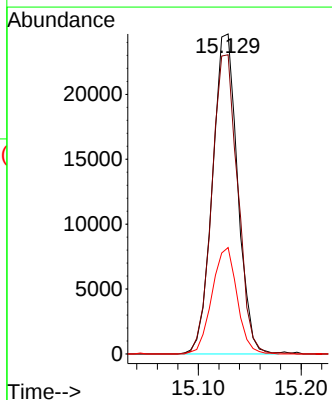
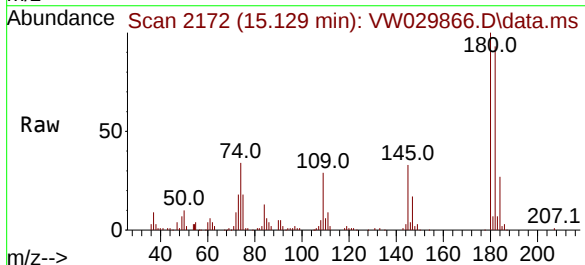


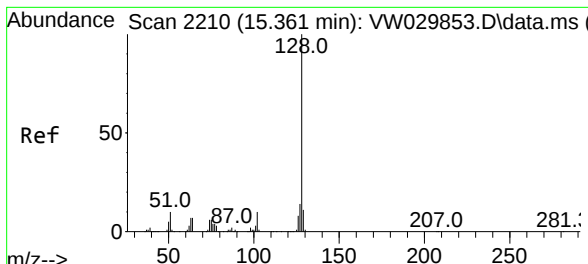
Tgt Ion:180 Resp: 63034
Ion Ratio Lower Upper
180 100
182 92.8 72.7 109.1
184 30.6 23.3 34.9
145 30.3 25.0 37.4



#70
1,2,4-trichlorobenzene
Concen: 12.856 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VW029866.D
Acq: 08 Aug 2024 16:50

Tgt Ion:180 Resp: 41773
Ion Ratio Lower Upper
180 100
182 96.1 80.2 120.4
145 33.2 26.3 39.5



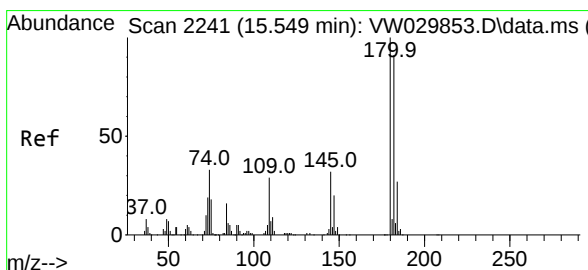
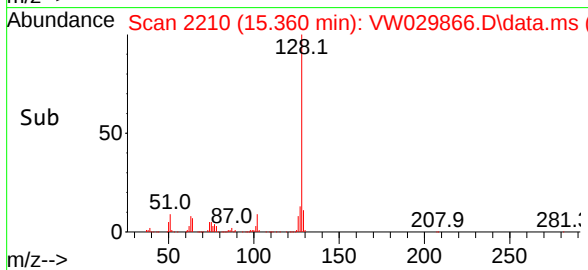
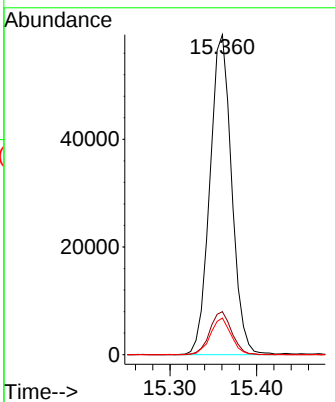
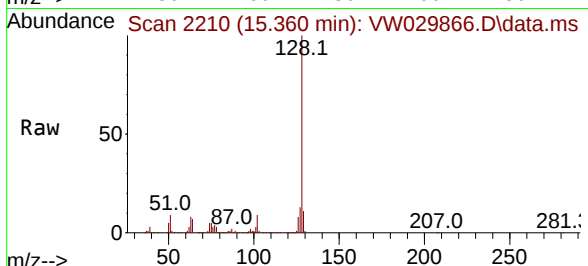


#71
Naphthalene
Concen: 16.737 ug/L
RT: 15.360 min Scan# 211
Delta R.T. -0.000 min
Lab File: VW029866.D
Acq: 08 Aug 2024 16:50

Instrument :
MSVOA_W
ClientSampleId :
E0AE4MSD

Tgt Ion:128 Resp: 103771

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	11.0	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 11.992 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW029866.D
Acq: 08 Aug 2024 16:50

Tgt Ion:180 Resp: 35267

Ion	Ratio	Lower	Upper
180	100		
182	96.4	74.0	111.0
145	32.9	27.5	41.3

