

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
 Data File : VW024691.D
 Acq On : 30 Sep 2022 10:39
 Operator : SY/VA
 Sample : MDL 1 PPB
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL 1 PPB

Quant Time: Sep 30 22:13:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 30 22:12:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	547112	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	497382	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	228791	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	146607	25.612	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.440%	
7) Chloroethane-d5	2.885	69	80216	24.115	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 96.440%	
11) 1,1-Dichloroethene-d2	4.019	63	222614	16.802	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 67.200%	
21) 2-Butanone-d5	7.080	46	115767	56.252	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 112.500%	
24) Chloroform-d	7.647	84	361294	24.702	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 98.800%	
26) 1,2-Dichloroethane-d4	8.305	65	196738	25.929	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 103.720%	
32) Benzene-d6	8.274	84	771243	24.260	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 97.040%	
36) 1,2-Dichloropropane-d6	9.274	67	237691	24.471	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 97.880%	
41) Toluene-d8	10.323	98	673766	23.713	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 94.840%	
43) trans-1,3-Dichloroprop...	10.573	79	98071	22.672	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 90.680%	
47) 2-Hexanone-d5	10.920	63	90608	54.520	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 109.040%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	188393	27.221	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 108.880%	
66) 1,2-Dichlorobenzene-d4	13.847	152	207731	25.802	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 103.200%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	12055	1.680	ug/L #	87
12) 1,1-Dichloroethene	4.044	96	11429	1.597	ug/L #	1
13) Acetone	4.135	43	4957	3.301	ug/L	100
14) Carbon disulfide	4.391	76	24276	1.074	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	8474	1.054	ug/L	81
18) Methyl tert-butyl Ether	5.434	73	12596	0.988	ug/L #	59
20) cis-1,2-Dichloroethene	7.171	96	8636	1.001	ug/L	99
23) Bromochloromethane	7.512	128	3477	0.991	ug/L	94
25) Chloroform	7.677	83	16145	1.132	ug/L	95
27) 1,2-Dichloroethane	8.403	62	9862	1.099	ug/L	98
29) Cyclohexane	7.957	56	14553	0.939	ug/L #	93
30) 1,1,1-Trichloroethane	7.872	97	11600	0.964	ug/L	99
31) Carbon tetrachloride	8.067	117	9989	0.980	ug/L	98
33) Benzene	8.323	78	32739	0.940	ug/L	100
34) Trichloroethene	9.091	95	8793	0.997	ug/L	89
35) Methylcyclohexane	9.335	83	14253	0.881	ug/L	96
37) 1,2-Dichloropropane	9.366	63	8896	1.035	ug/L	98
38) Bromodichloromethane	9.646	83	10450	0.988	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	12166	0.895	ug/L	93

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

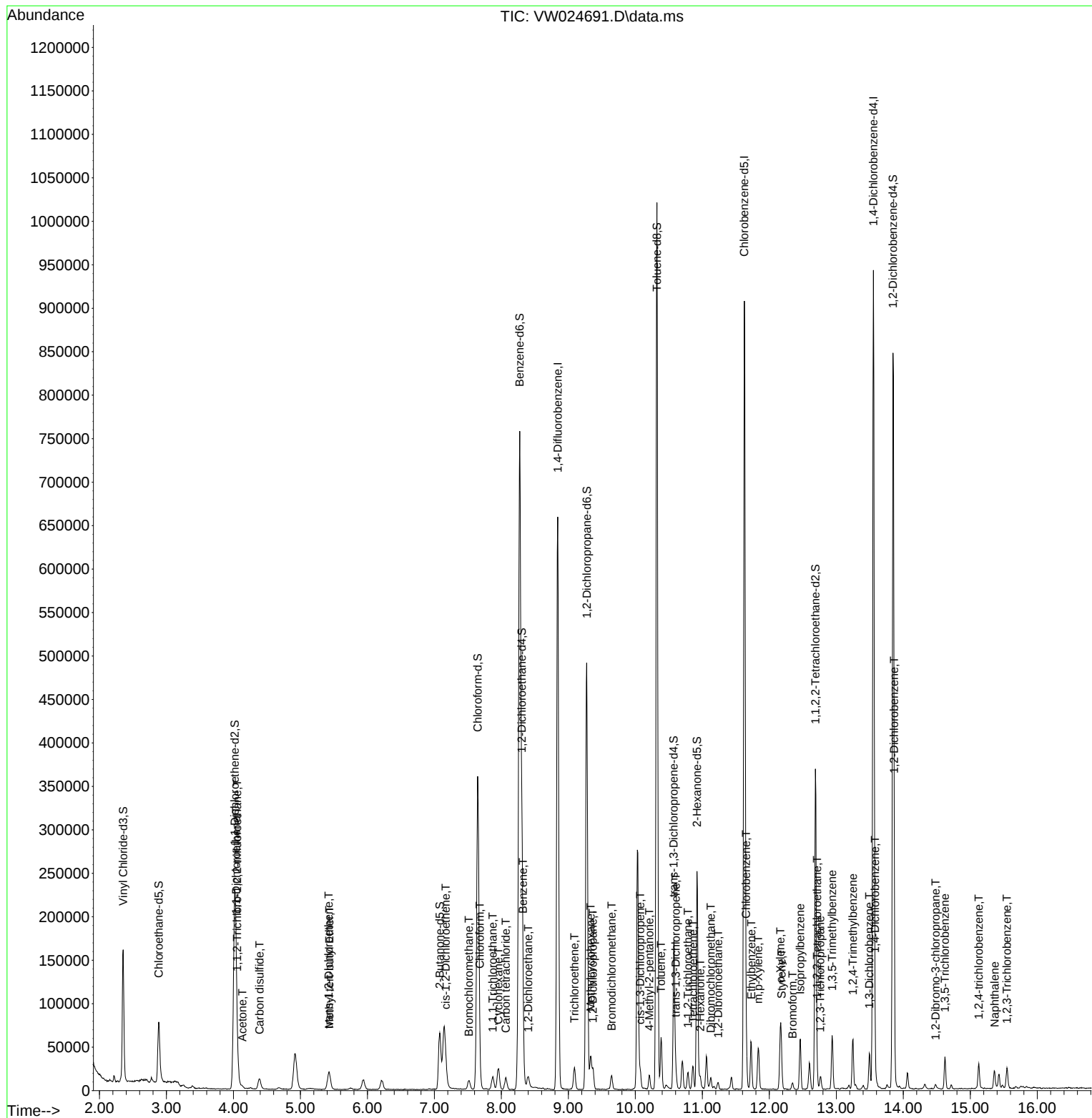
40) 4-Methyl-2-pentanone	10.207	43	10879	2.139	ug/L	98
42) Toluene	10.384	91	41109	1.144	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	15090	1.295	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	5922	1.009	ug/L	93
46) Tetrachloroethene	10.865	164	5926	0.988	ug/L	91
48) 2-Hexanone	10.969	43	7735	2.249	ug/L	100
49) Dibromochloromethane	11.128	129	6420	0.971	ug/L	96
50) 1,2-Dibromoethane	11.237	107	5695	1.025	ug/L #	96
51) Chlorobenzene	11.652	112	22072	1.003	ug/L	96
52) Ethylbenzene	11.731	91	38980	0.984	ug/L	94
53) m,p-Xylene	11.835	106	15038	0.973	ug/L	99
54) o-Xylene	12.164	106	14524	0.995	ug/L	98
55) Styrene	12.182	104	23602	0.959	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	8637	1.257	ug/L #	96
59) Bromoform	12.347	173	3288	1.017	ug/L #	92
60) Isopropylbenzene	12.463	105	36990	0.992	ug/L	99
61) 1,2,3-Trichloropropane	12.761	75	5488	1.114	ug/L	94
62) 1,3,5-Trimethylbenzene	12.938	105	31591	0.975	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	31814	1.002	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	15329	1.012	ug/L	91
65) 1,4-Dichlorobenzene	13.578	146	16578	1.124	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	14567	1.104	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	1440	1.236	ug/L	95
69) 1,3,5-Trichlorobenzene	14.621	180	9633	0.958	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	7925	0.938	ug/L	96
71) Naphthalene	15.365	128	17778	0.966	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	6632	0.922	ug/L	99

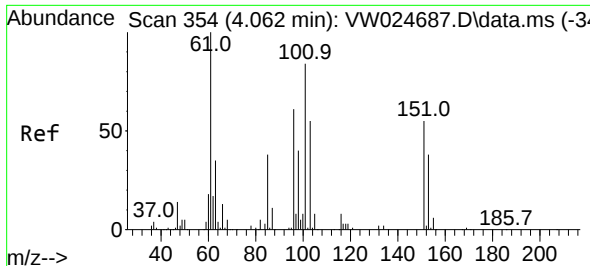
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#10

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

Concen: 1.680 ug/L

RT: 4.056 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

Instrument :

MSVOA_W

ClientSampleId :

MDL 1 PPB

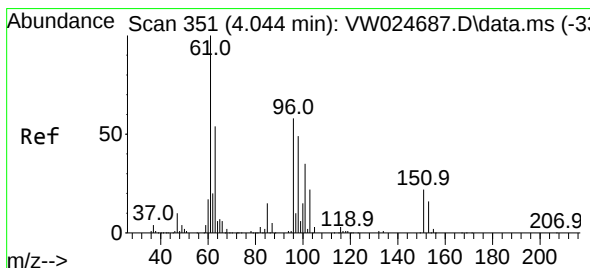
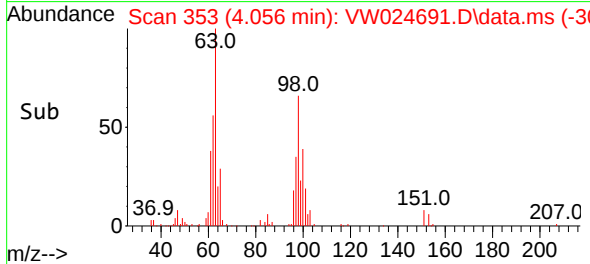
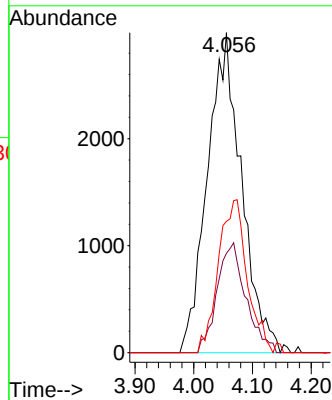
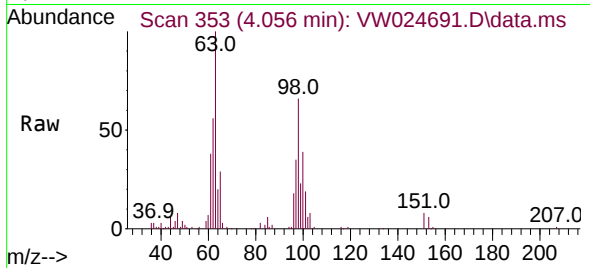
Tgt Ion:101 Resp: 12055

Ion Ratio Lower Upper

101 100

85 29.0 34.9 52.3#

151 40.2 30.9 46.3



#12

1,1-Dichloroethene

Concen: 1.597 ug/L

RT: 4.044 min Scan# 351

Delta R.T. -0.000 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

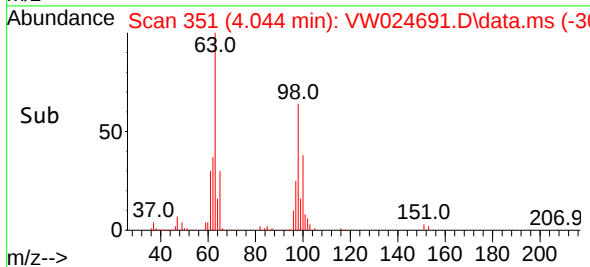
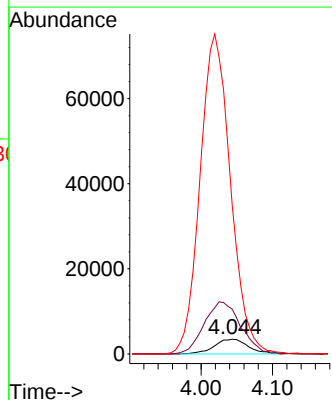
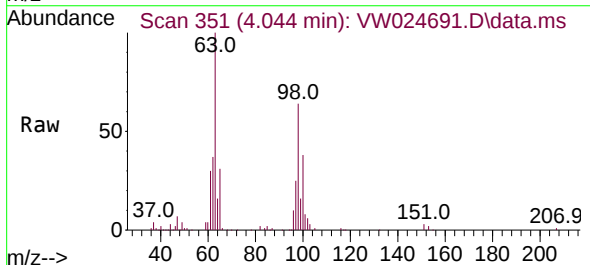
Tgt Ion: 96 Resp: 11429

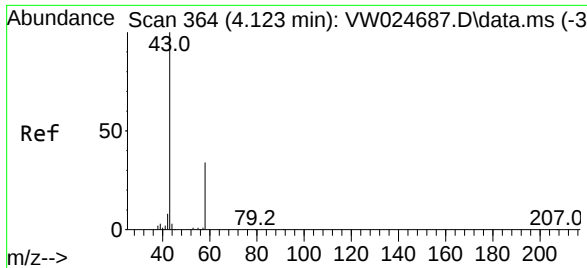
Ion Ratio Lower Upper

96 100

61 304.0 124.5 231.1#

63 1011.9 84.1 156.1#





#13

Acetone

Concen: 3.301 ug/L

RT: 4.135 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

Instrument :

MSVOA_W

ClientSampleId :

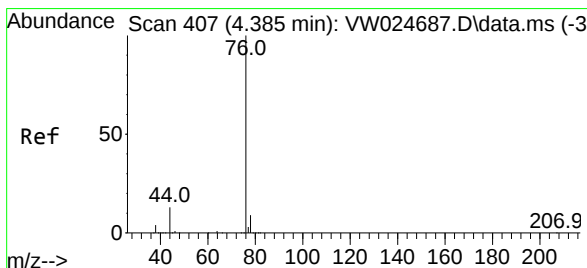
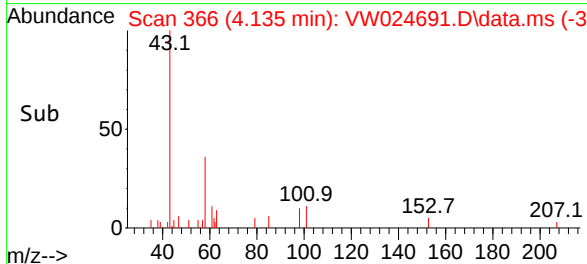
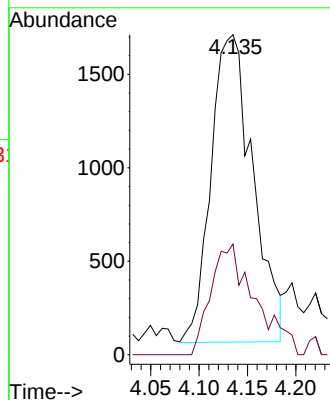
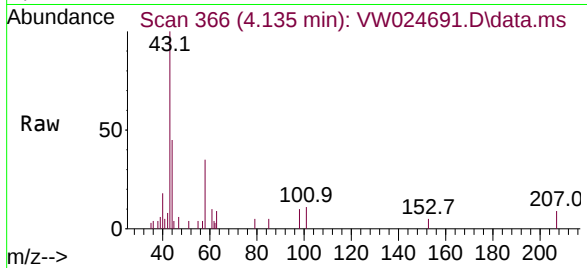
MDL 1 PPB

Tgt Ion: 43 Resp: 4957

Ion Ratio Lower Upper

43 100

58 33.5 0.0 67.6



#14

Carbon disulfide

Concen: 1.074 ug/L

RT: 4.391 min Scan# 408

Delta R.T. 0.006 min

Lab File: VW024691.D

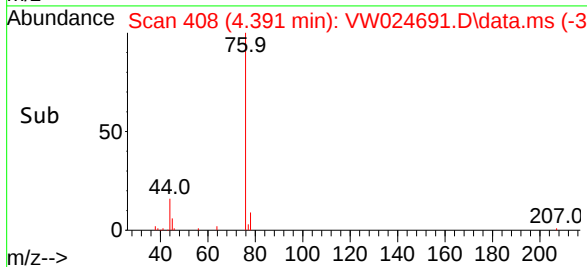
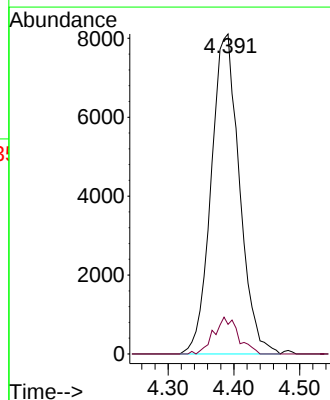
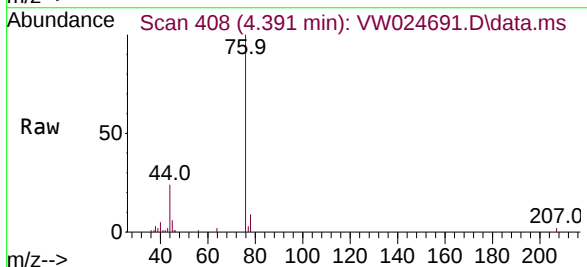
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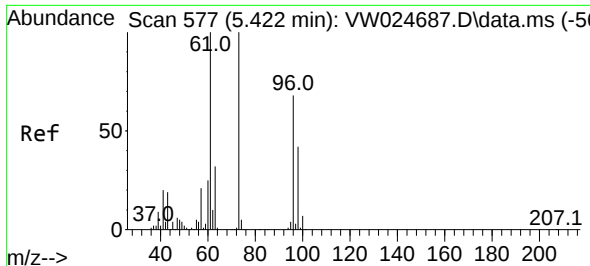
Tgt Ion: 76 Resp: 24276

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

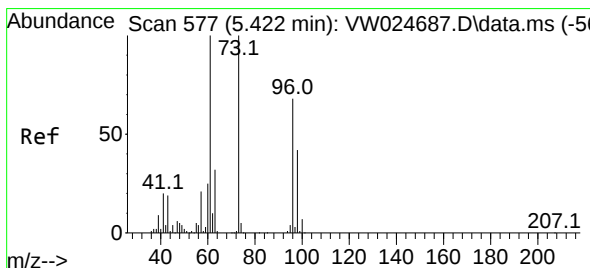
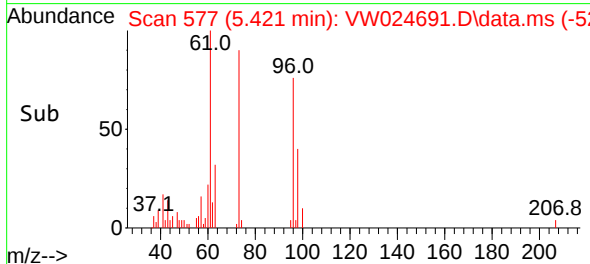
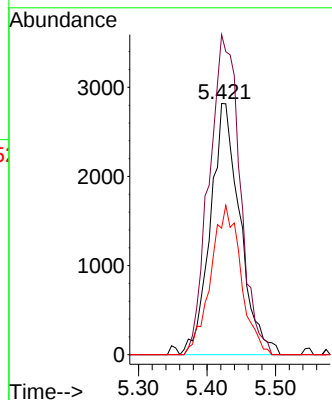
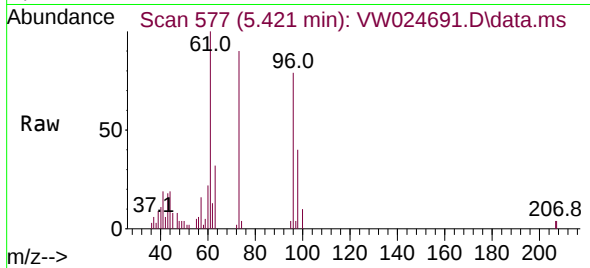




#17
trans-1,2-Dichloroethene
Concen: 1.054 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW024691.D
Acq: 30 Sep 2022 10:39

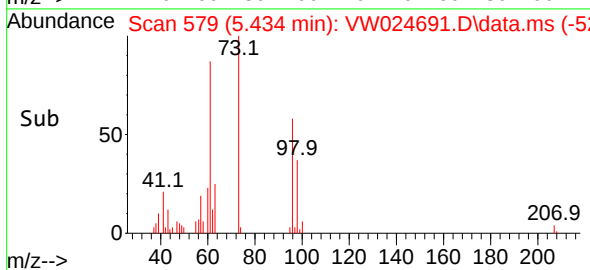
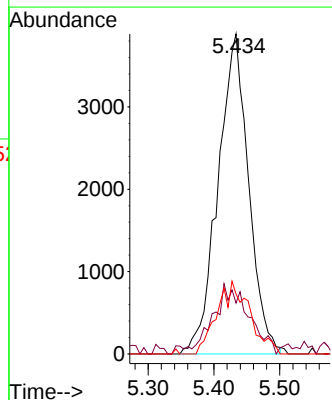
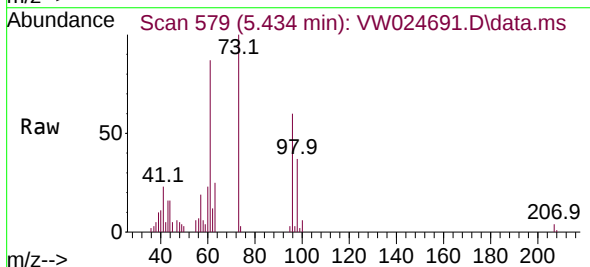
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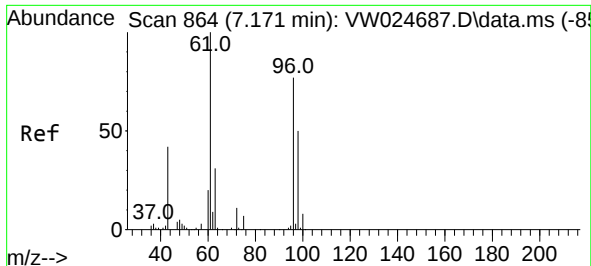
Tgt Ion: 96 Resp: 8474
Ion Ratio Lower Upper
96 100
61 127.4 106.3 197.5
98 50.4 45.1 83.9



#18
Methyl tert-butyl Ether
Concen: 0.988 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.012 min
Lab File: VW024691.D
Acq: 30 Sep 2022 10:39

Tgt Ion: 73 Resp: 12596
Ion Ratio Lower Upper
73 100
43 1.5 15.6 23.4#
57 2.0 18.3 27.5#

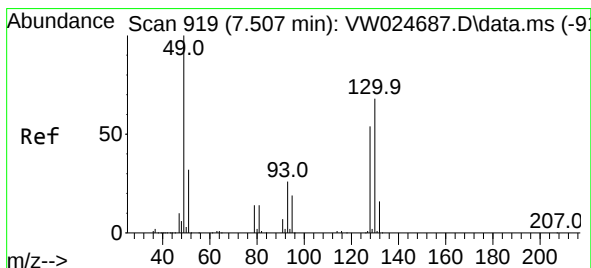
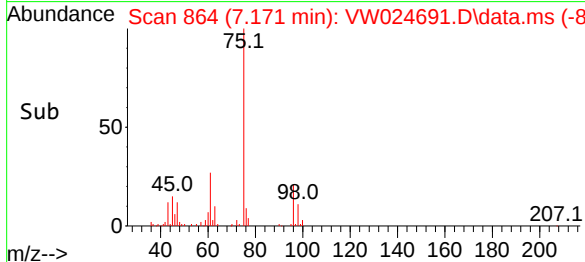
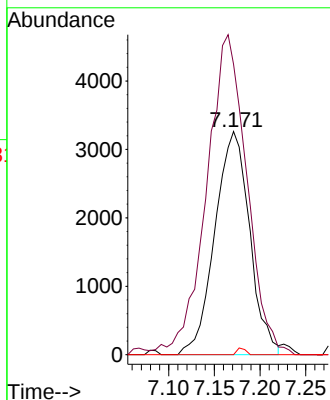
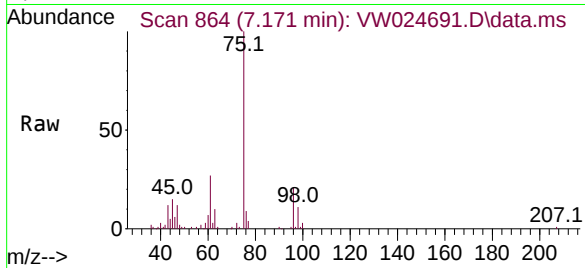




#20
 cis-1,2-Dichloroethene
 Concen: 1.001 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW024691.D
 Acq: 30 Sep 2022 10:39

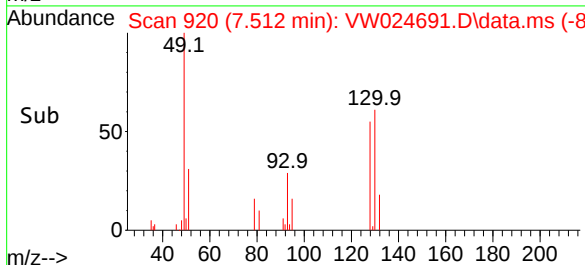
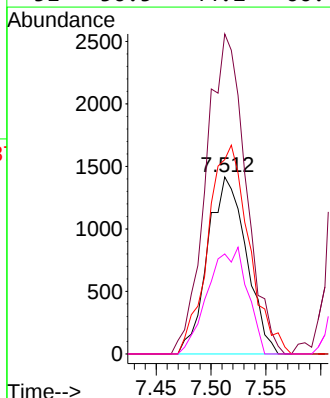
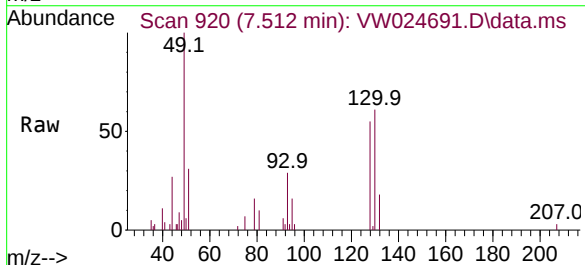
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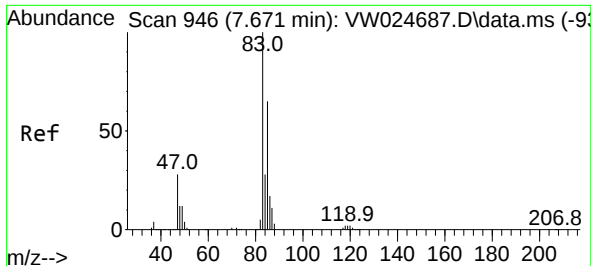
Tgt Ion: 96 Resp: 8636
 Ion Ratio Lower Upper
 96 100
 61 130.1 90.2 167.4
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 0.991 ug/L
 RT: 7.512 min Scan# 920
 Delta R.T. 0.006 min
 Lab File: VW024691.D
 Acq: 30 Sep 2022 10:39

Tgt Ion: 128 Resp: 3477
 Ion Ratio Lower Upper
 128 100
 49 180.9 127.3 236.3
 130 109.9 90.2 167.4
 51 56.5 44.2 66.4

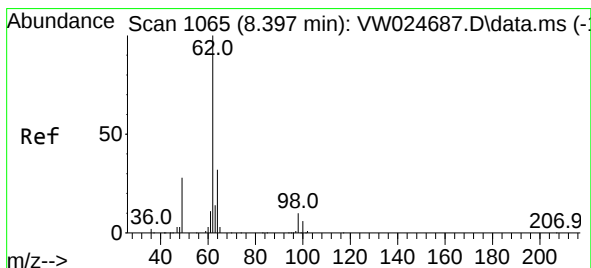
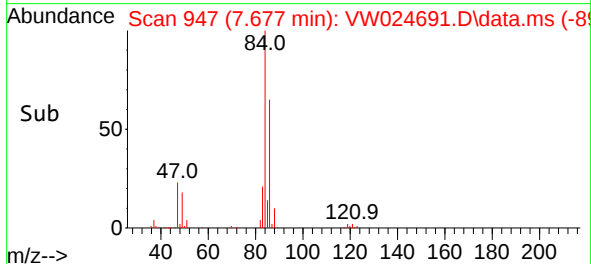
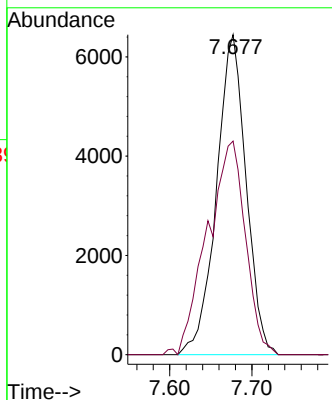
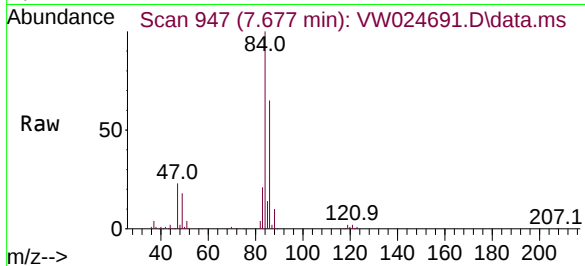




#25
Chloroform
Concen: 1.132 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW024691.D
Acq: 30 Sep 2022 10:39

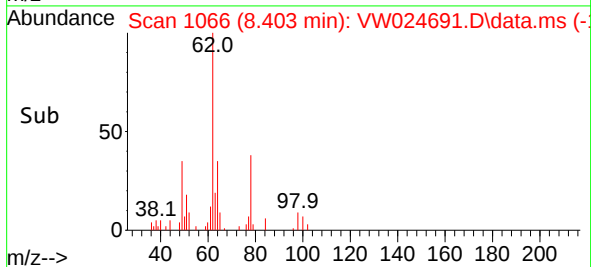
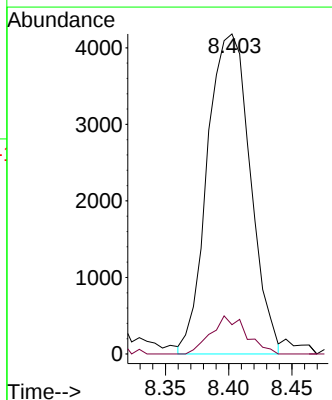
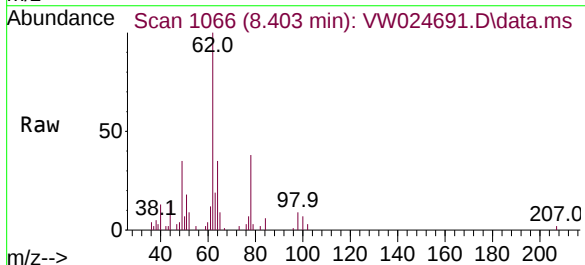
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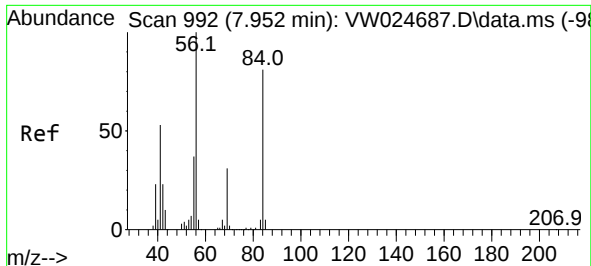
Tgt Ion: 83 Resp: 16145
Ion Ratio Lower Upper
83 100
85 66.7 44.0 81.8



#27
1,2-Dichloroethane
Concen: 1.099 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW024691.D
Acq: 30 Sep 2022 10:39

Tgt Ion: 62 Resp: 9862
Ion Ratio Lower Upper
62 100
98 9.2 7.8 11.8





#29

Cyclohexane

Concen: 0.939 ug/L

RT: 7.957 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

Instrument :

MSVOA_W

ClientSampleId :

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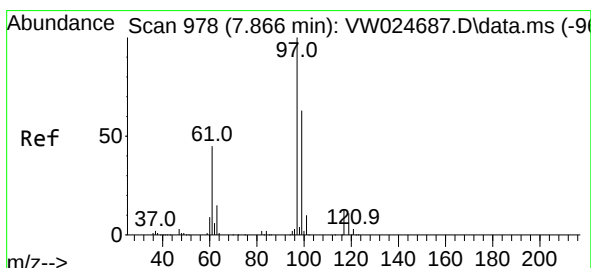
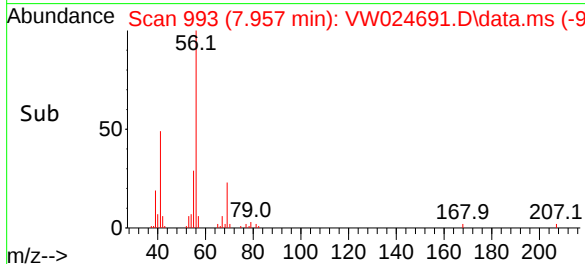
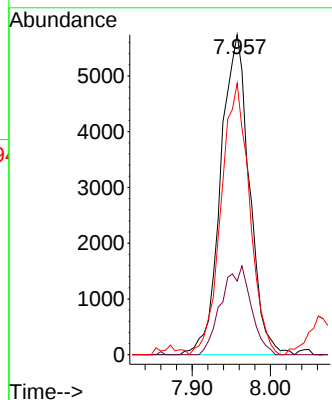
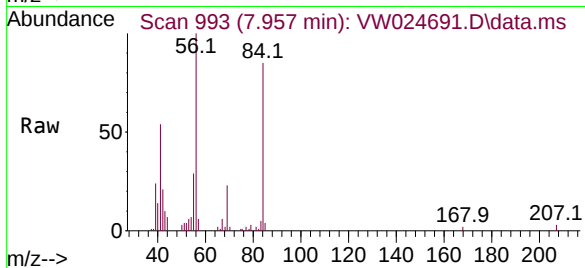
Tgt Ion: 56 Resp: 14553

Ion Ratio Lower Upper

56 100

69 17.0 25.0 37.4#

84 84.4 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 0.964 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

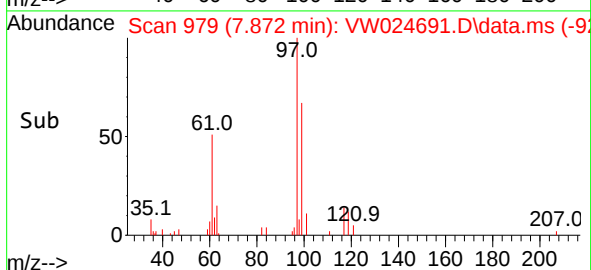
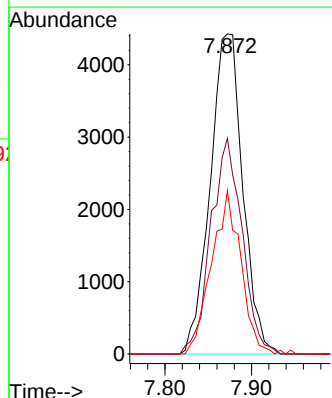
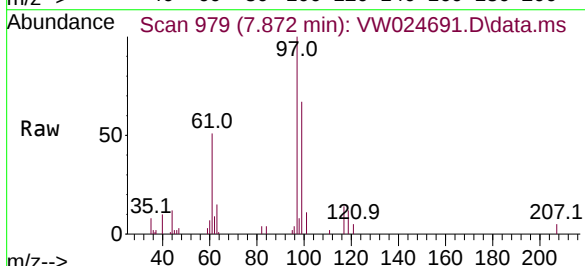
Tgt Ion: 97 Resp: 11600

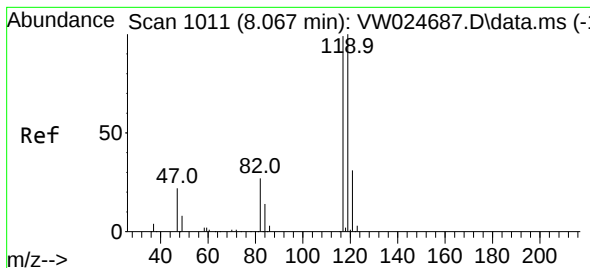
Ion Ratio Lower Upper

97 100

99 64.3 51.1 76.7

61 45.5 35.8 53.6





#31

Carbon tetrachloride

Concen: 0.980 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. -0.000 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

Instrument :

MSVOA_W

ClientSampleId :

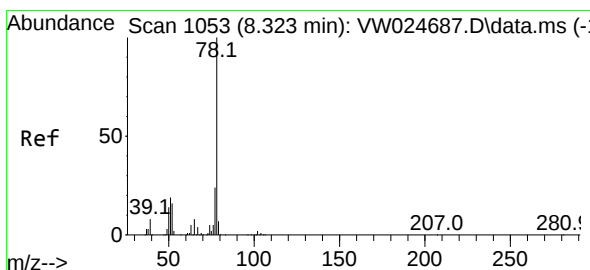
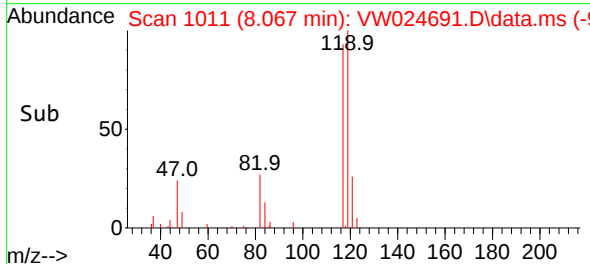
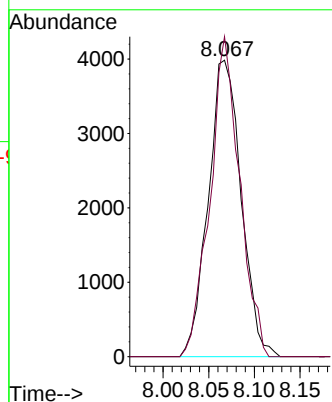
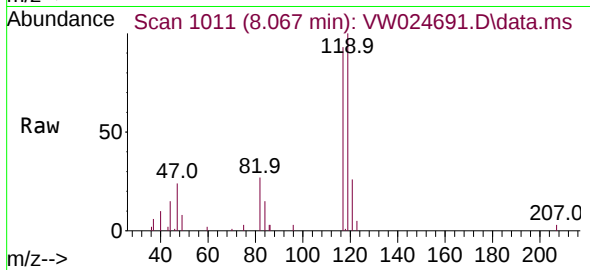
MDL 1 PPB

Tgt Ion:117 Resp: 9989

Ion Ratio Lower Upper

117 100

119 97.2 76.2 114.2



#33

Benzene

Concen: 0.940 ug/L

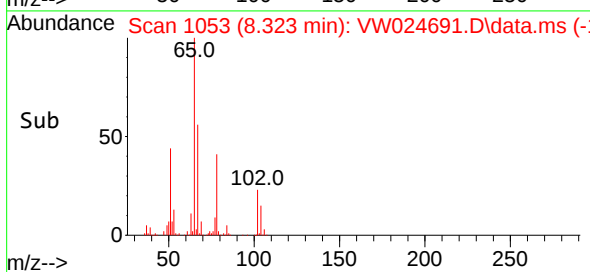
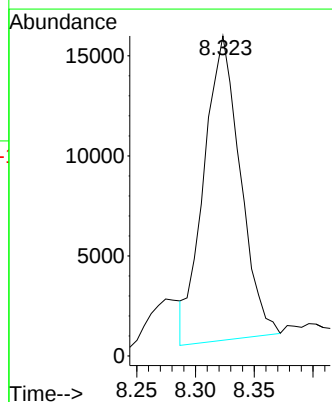
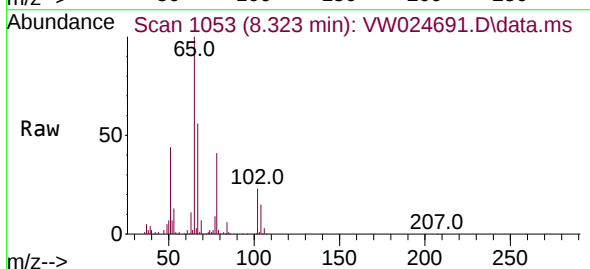
RT: 8.323 min Scan# 1053

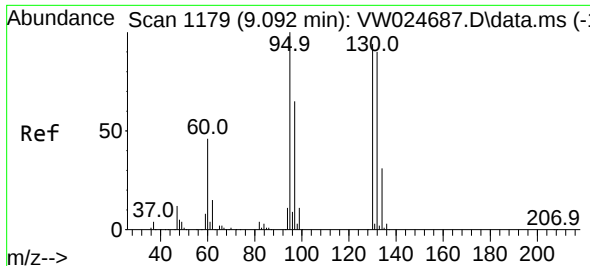
Delta R.T. -0.000 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

Tgt Ion: 78 Resp: 32739

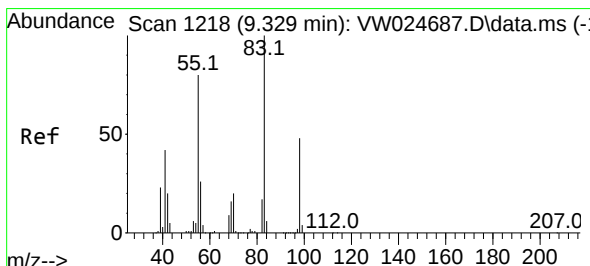
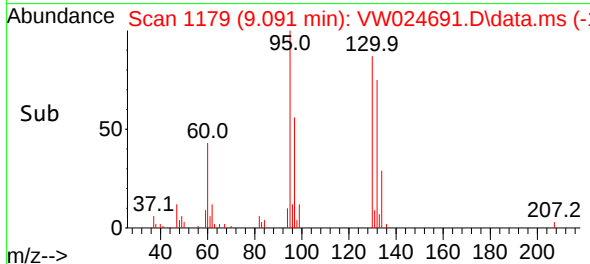
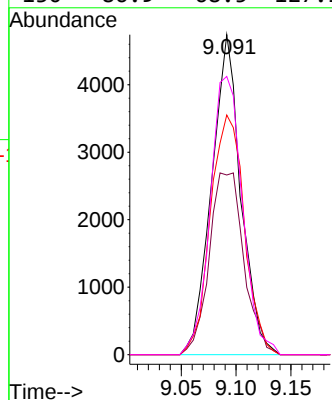
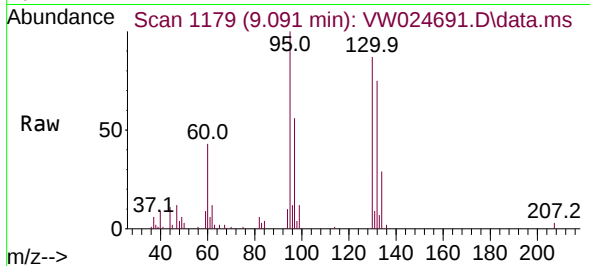




#34
 Trichloroethene
 Concen: 0.997 ug/L
 RT: 9.091 min Scan# 1179
 Delta R.T. -0.000 min
 Lab File: VW024691.D
 Acq: 30 Sep 2022 10:39

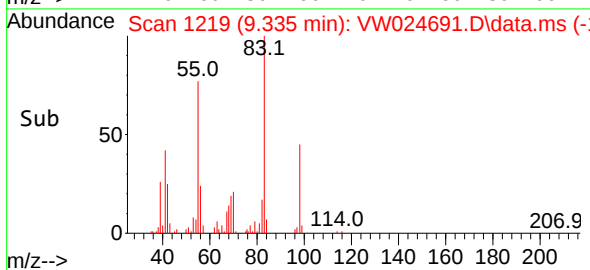
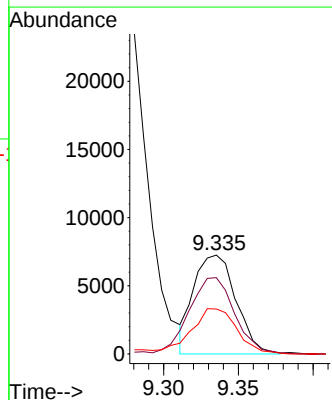
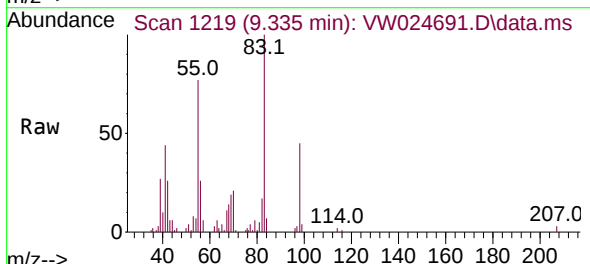
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL 1 PPB

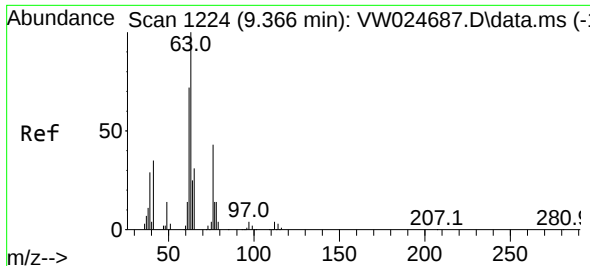
Tgt Ion:	95	Resp:	8793
Ion	Ratio	Lower	Upper
95	100		
97	56.2	43.5	80.9
132	74.9	61.2	113.8
130	86.9	68.5	127.1



#35
 Methylcyclohexane
 Concen: 0.881 ug/L
 RT: 9.335 min Scan# 1219
 Delta R.T. 0.006 min
 Lab File: VW024691.D
 Acq: 30 Sep 2022 10:39

Tgt Ion:	83	Resp:	14253
Ion	Ratio	Lower	Upper
83	100		
55	83.0	63.1	94.7
98	49.6	38.3	57.5





#37

1,2-Dichloropropane

Concen: 1.035 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

Instrument :

MSVOA_W

ClientSampleId :

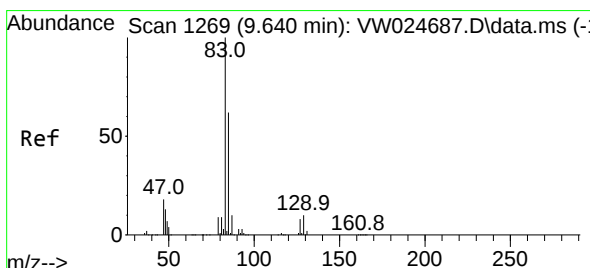
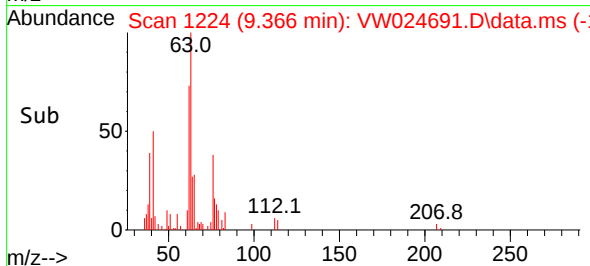
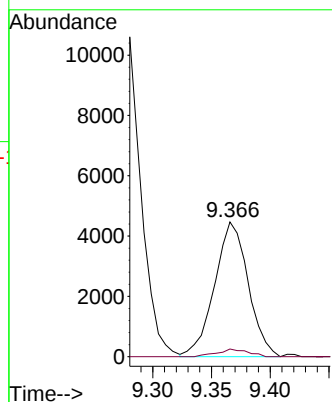
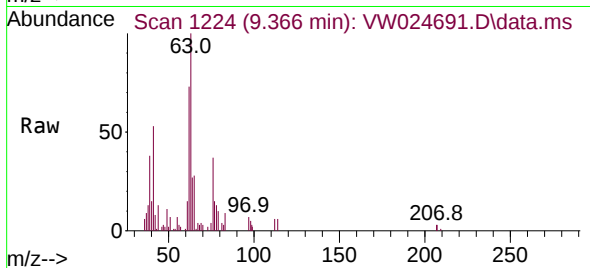
MDL 1 PPB

Tgt Ion: 63 Resp: 8896

Ion Ratio Lower Upper

63 100

112 5.2 3.6 5.4



#38

Bromodichloromethane

Concen: 0.988 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

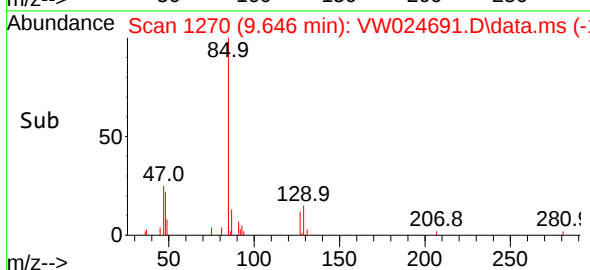
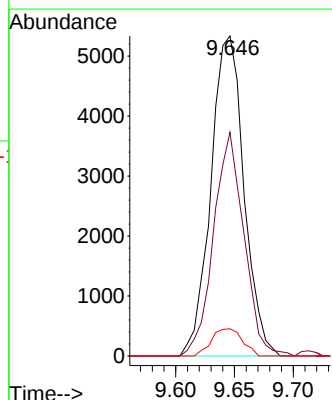
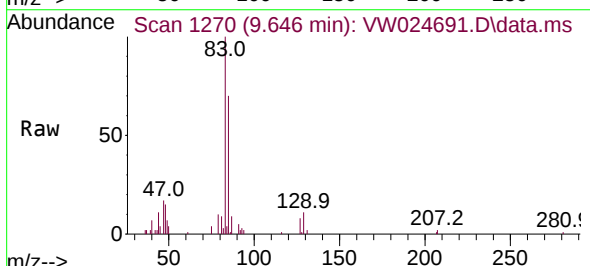
Tgt Ion: 83 Resp: 10450

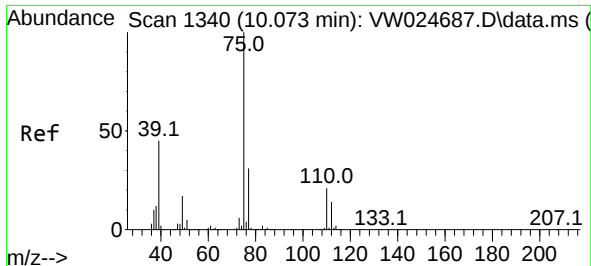
Ion Ratio Lower Upper

83 100

85 69.9 45.6 84.8

127 8.5 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 0.895 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

Instrument :

MSVOA_W

ClientSampleId :

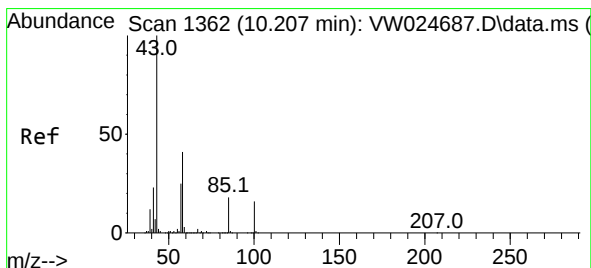
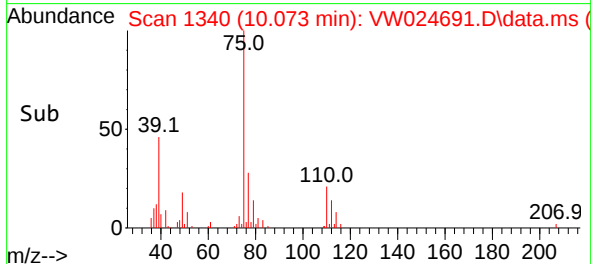
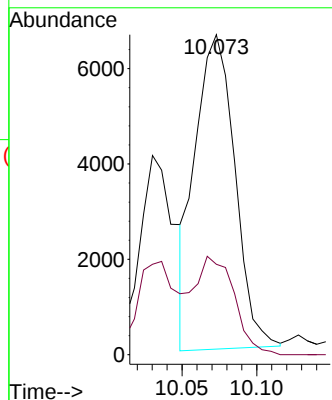
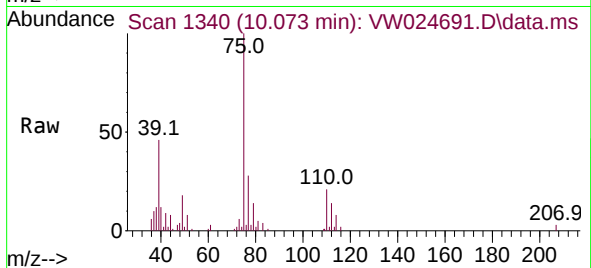
MDL 1 PPB

Tgt Ion: 75 Resp: 12166

Ion Ratio Lower Upper

75 100

77 28.3 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 2.139 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

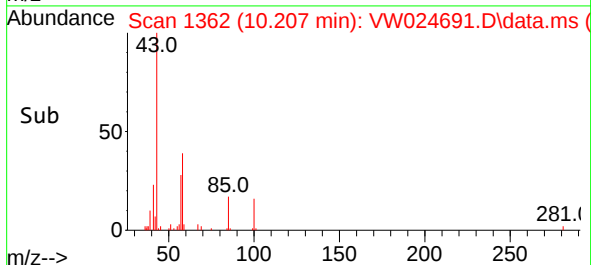
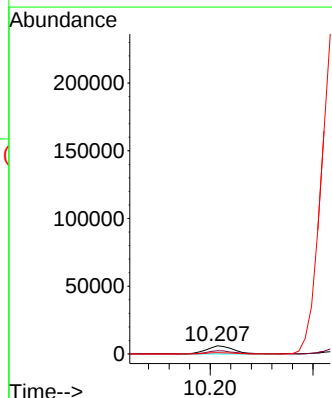
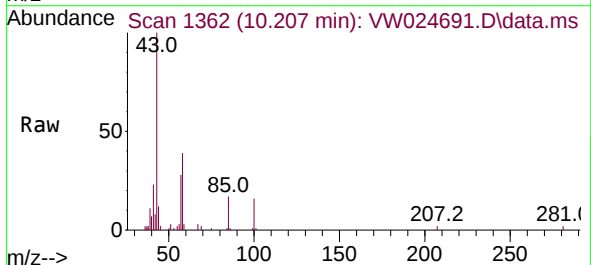
Tgt Ion: 43 Resp: 10879

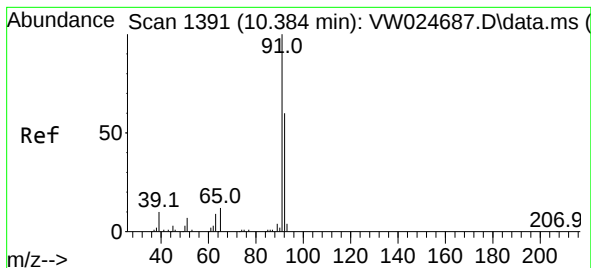
Ion Ratio Lower Upper

43 100

58 39.4 32.9 49.3

100 16.4 12.6 19.0





#42

Toluene

Concen: 1.144 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

Instrument :

MSVOA_W

ClientSampleId :

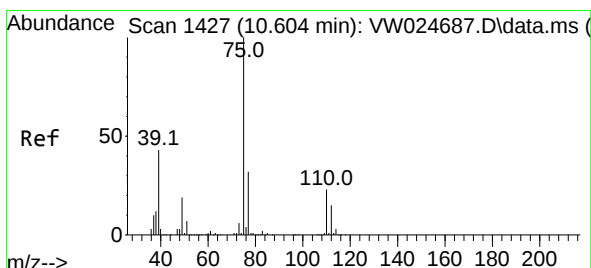
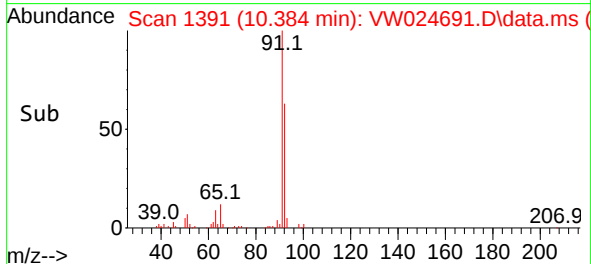
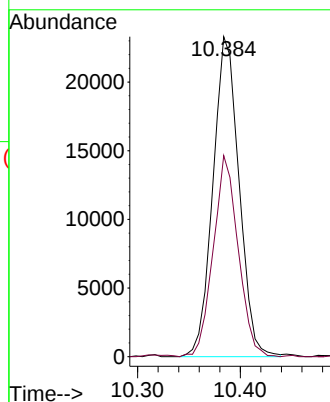
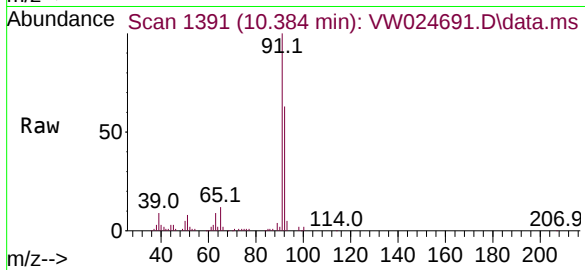
MDL 1 PPB

Tgt Ion: 91 Resp: 41109

Ion Ratio Lower Upper

91 100

92 62.8 41.0 76.2



#44

trans-1,3-Dichloropropene

Concen: 1.295 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW024691.D

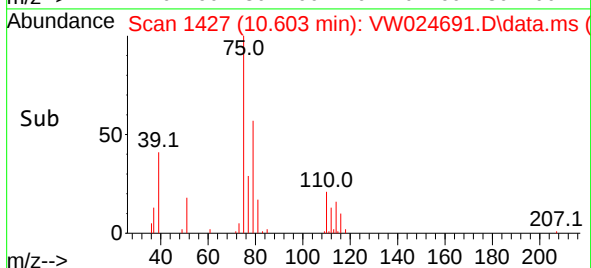
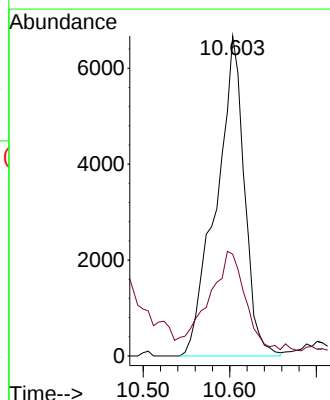
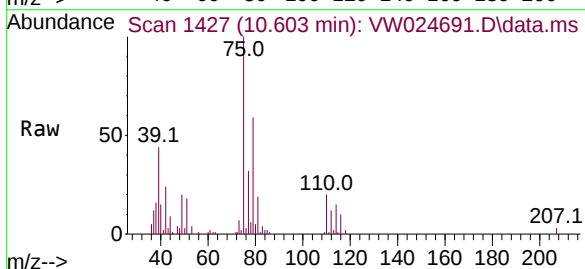
Acq: 30 Sep 2022 10:39

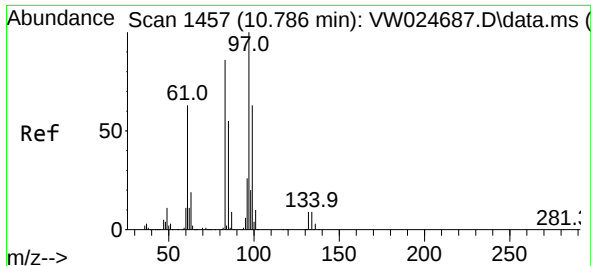
Tgt Ion: 75 Resp: 15090

Ion Ratio Lower Upper

75 100

77 31.8 21.3 39.6

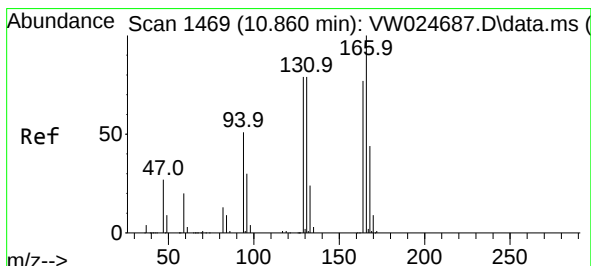
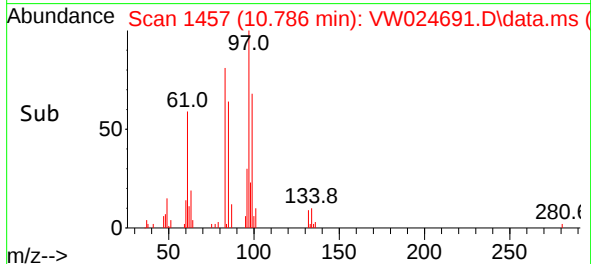
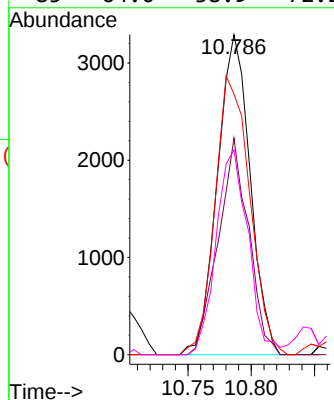
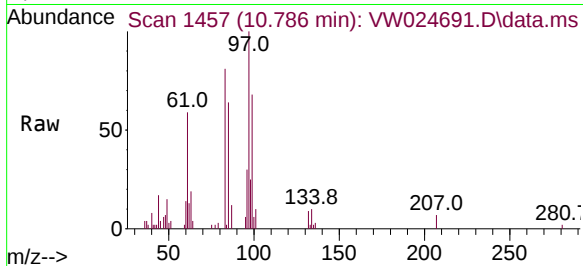




#45
1,1,2-Trichloroethane
Concen: 1.009 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024691.D
Acq: 30 Sep 2022 10:39

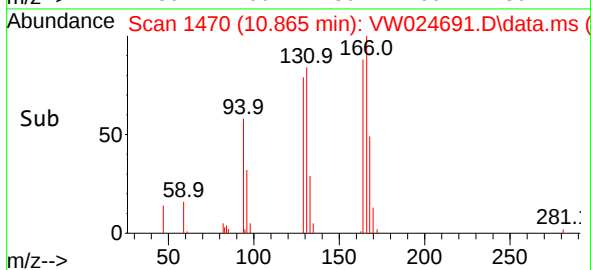
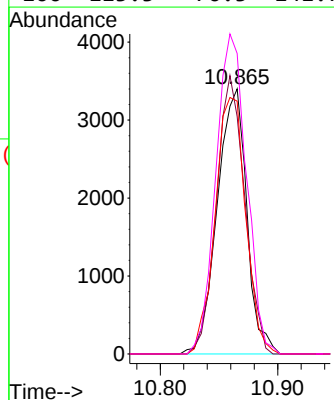
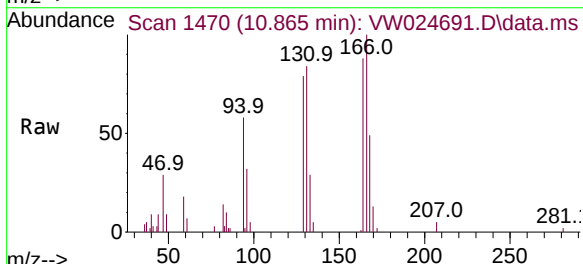
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

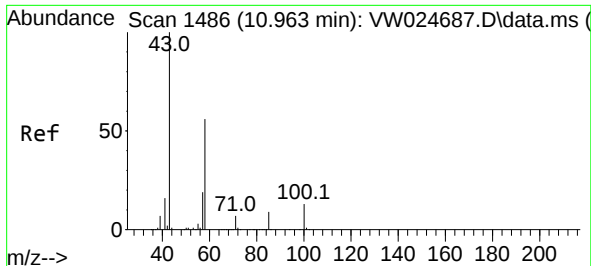
Tgt Ion: 97	Resp: 5922
Ion Ratio	Lower Upper
97 100	
99 67.6	43.8 81.4
83 81.5	60.1 111.5
85 64.0	38.9 72.2



#46
Tetrachloroethene
Concen: 0.988 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW024691.D
Acq: 30 Sep 2022 10:39

Tgt	Ion:164	Resp:	5926
Ion	Ratio	Lower	Upper
164	100		
129	89.6	74.1	137.5
131	95.4	71.5	132.7
166	113.3	76.3	141.7

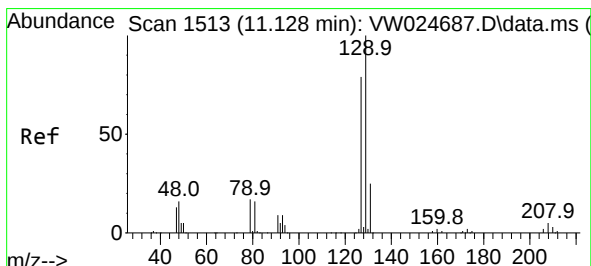
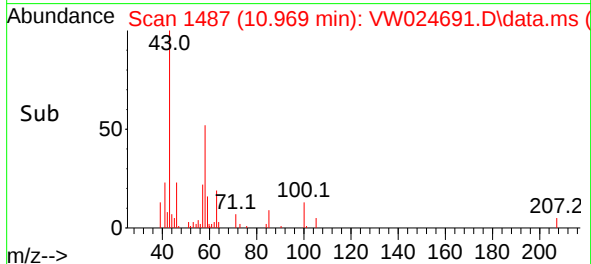
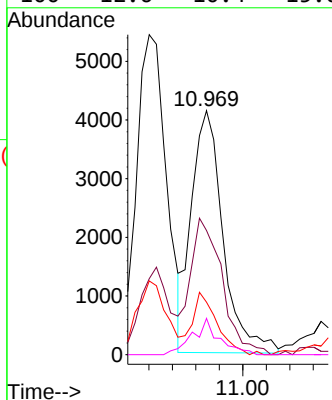
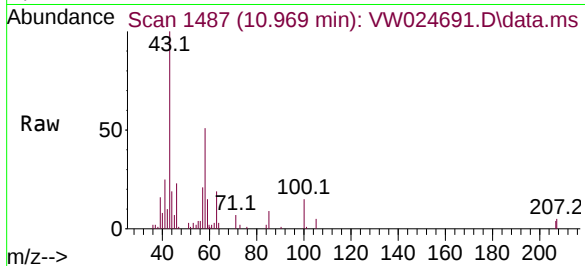




#48
2-Hexanone
Concen: 2.249 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW024691.D
Acq: 30 Sep 2022 10:39

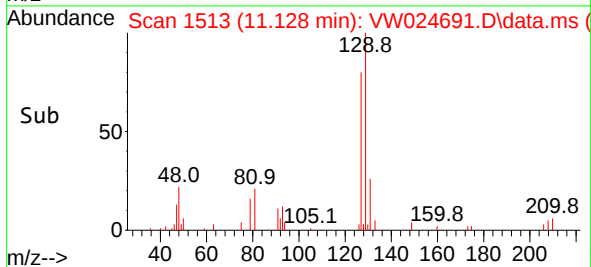
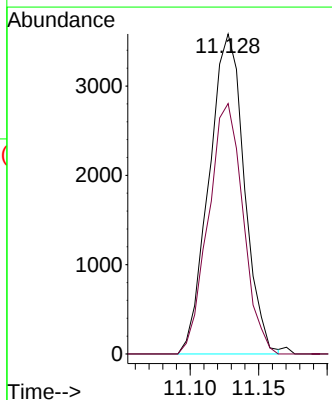
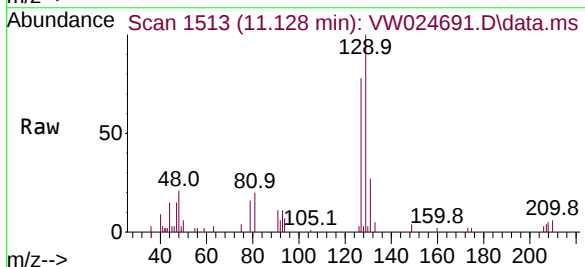
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

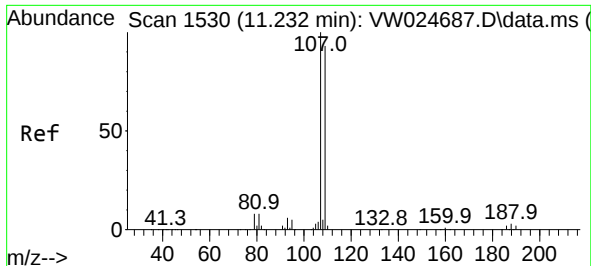
Tgt Ion: 43	Resp: 7735
Ion Ratio	Lower Upper
43 100	
58 56.4	45.3 67.9
57 20.4	16.3 24.5
100 12.6	10.4 15.6



#49
Dibromochloromethane
Concen: 0.971 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024691.D
Acq: 30 Sep 2022 10:39

Tgt Ion:129	Resp: 6420		
Ion Ratio	Lower	Upper	
129 100			
127 78.2	52.4	97.4	

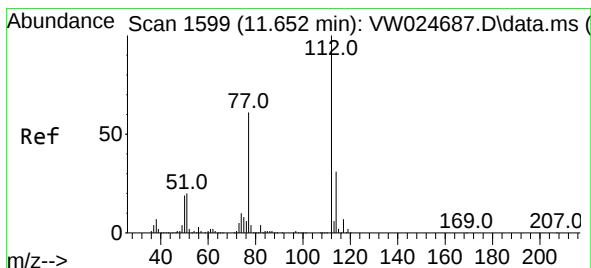
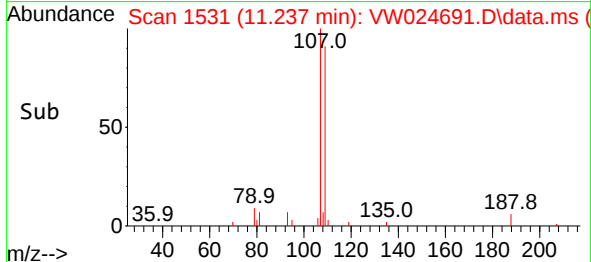
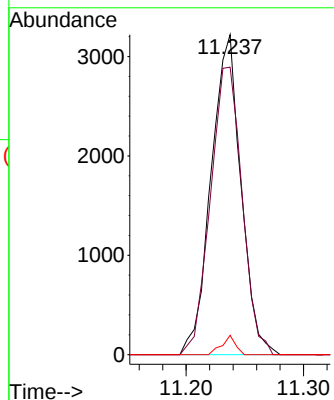
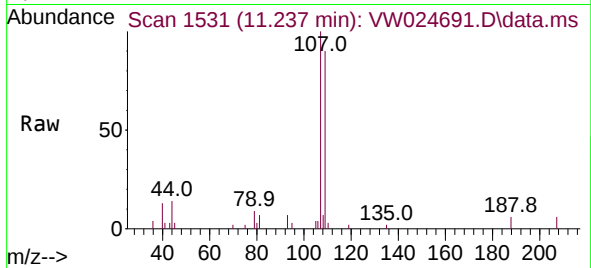




#50
1,2-Dibromoethane
Concen: 1.025 ug/L
RT: 11.237 min Scan# 1530
Delta R.T. 0.006 min
Lab File: VW024691.D
Acq: 30 Sep 2022 10:39

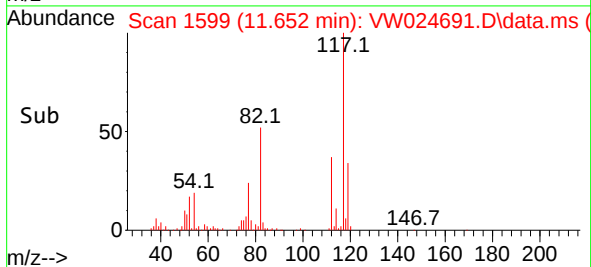
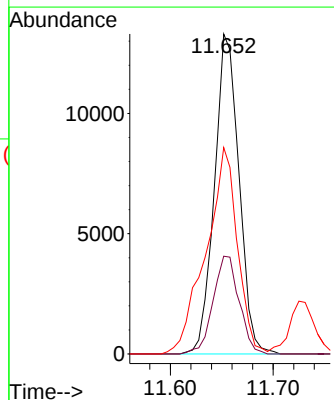
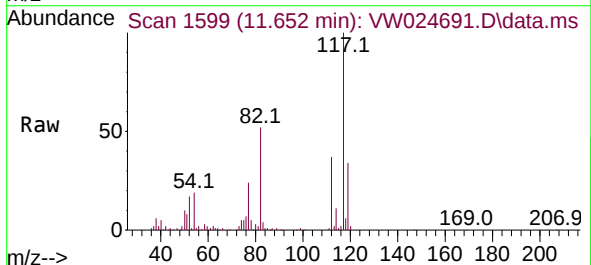
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

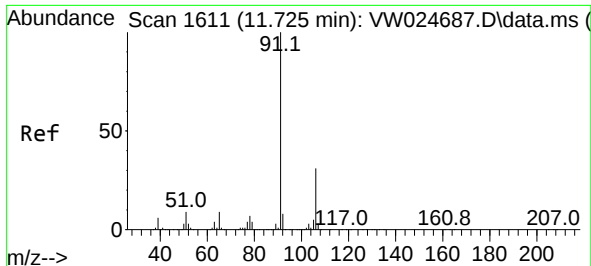
Tgt Ion:107 Resp: 5695
Ion Ratio Lower Upper
107 100
109 89.8 65.5 121.7
188 6.0 2.4 3.6#



#51
Chlorobenzene
Concen: 1.003 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VW024691.D
Acq: 30 Sep 2022 10:39

Tgt Ion:112 Resp: 22072
Ion Ratio Lower Upper
112 100
114 30.6 23.3 43.3
77 64.5 49.1 73.7

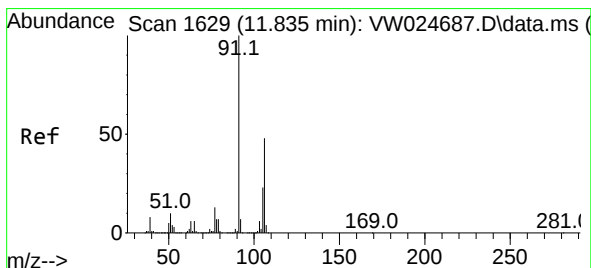
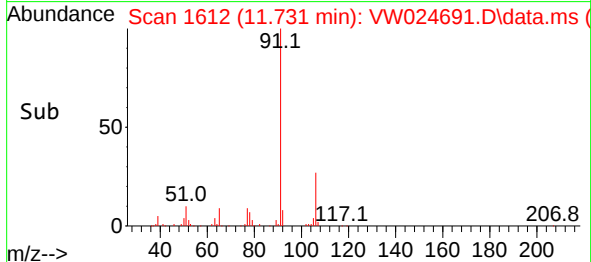
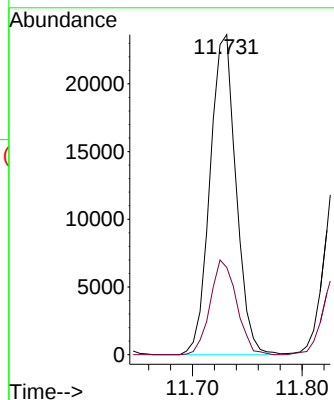
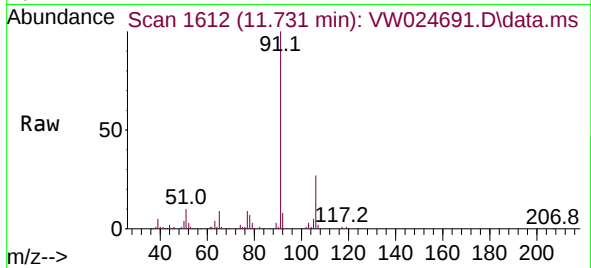




#52
Ethylbenzene
Concen: 0.984 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW024691.D
Acq: 30 Sep 2022 10:39

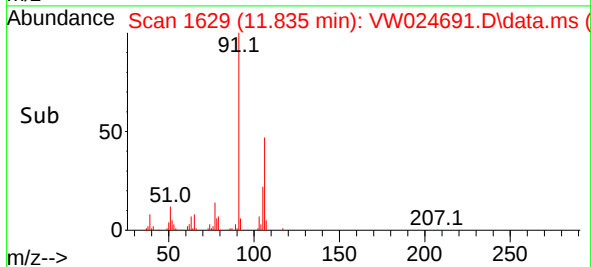
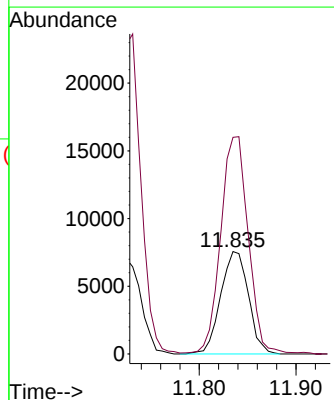
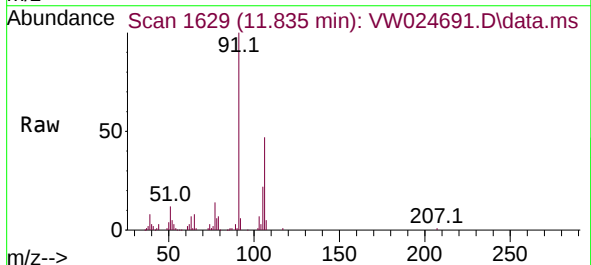
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

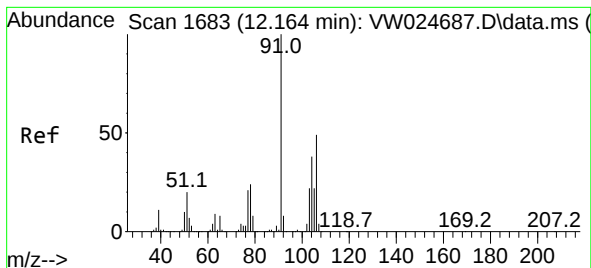
Tgt Ion: 91 Resp: 38980
Ion Ratio Lower Upper
91 100
106 27.2 21.5 39.9



#53
m,p-Xylene
Concen: 0.973 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024691.D
Acq: 30 Sep 2022 10:39

Tgt Ion: 106 Resp: 15038
Ion Ratio Lower Upper
106 100
91 211.8 146.8 272.6

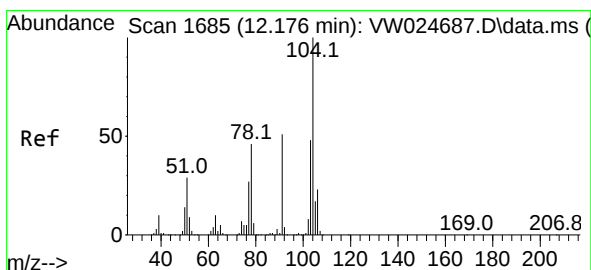
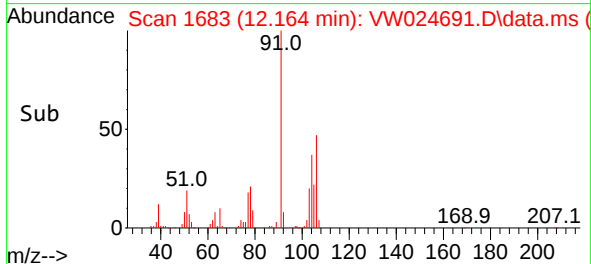
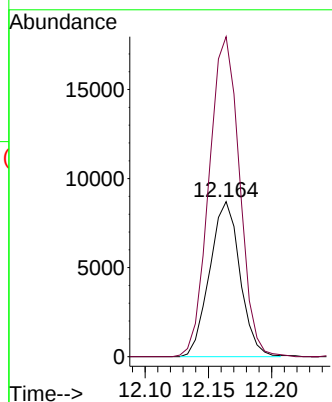
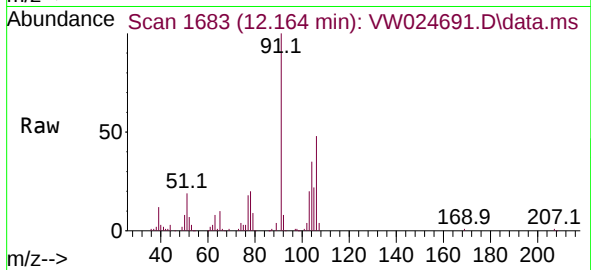




#54
o-Xylene
Concen: 0.995 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024691.D
Acq: 30 Sep 2022 10:39

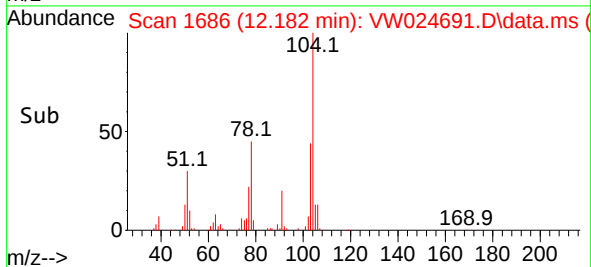
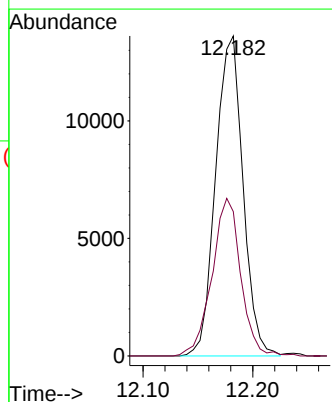
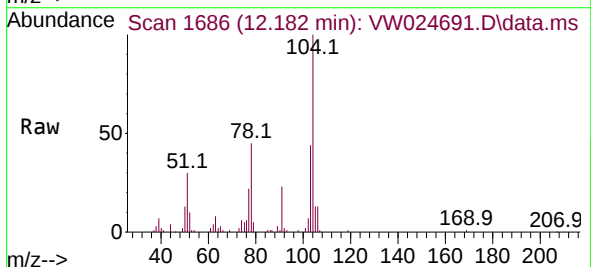
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

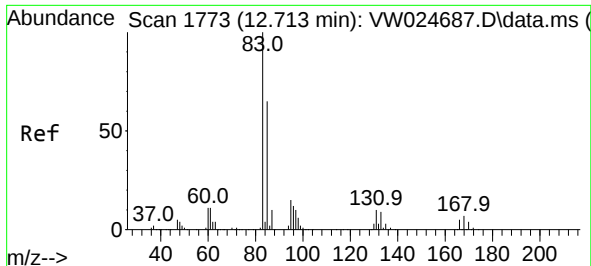
Tgt Ion:106 Resp: 14524
Ion Ratio Lower Upper
106 100
91 206.4 146.3 271.7



#55
Styrene
Concen: 0.959 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW024691.D
Acq: 30 Sep 2022 10:39

Tgt Ion:104 Resp: 23602
Ion Ratio Lower Upper
104 100
78 45.1 33.5 62.1





#57

1,1,2-Tetrachloroethane

Concen: 1.257 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

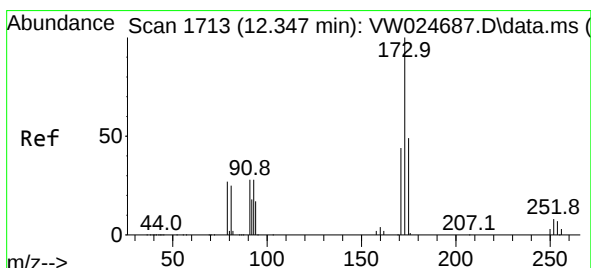
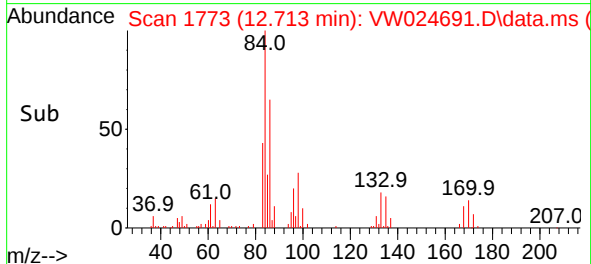
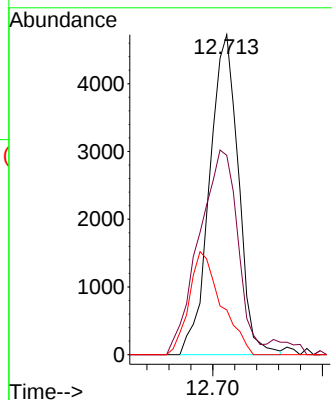
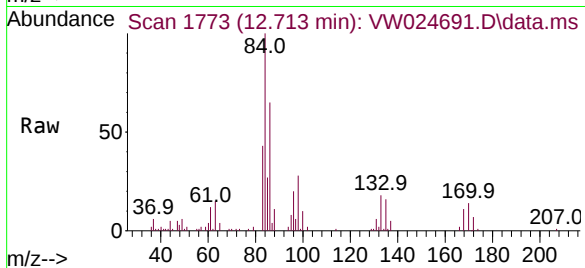
Instrument :

MSVOA_W

ClientSampleId :

MDL 1 PPB

Tgt Ion: 83	Resp:	8637
Ion Ratio	Lower	Upper
83	100	
85	62.3	45.2 84.0
131	14.0	7.3 10.9#



#59

Bromoform

Concen: 1.017 ug/L

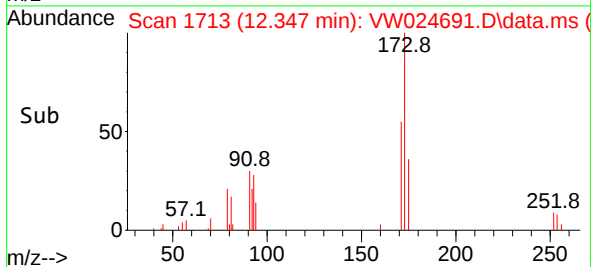
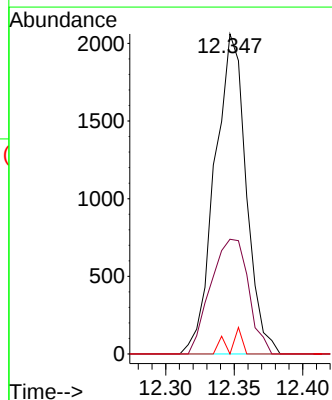
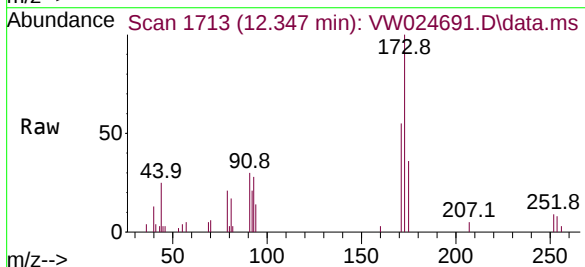
RT: 12.347 min Scan# 1713

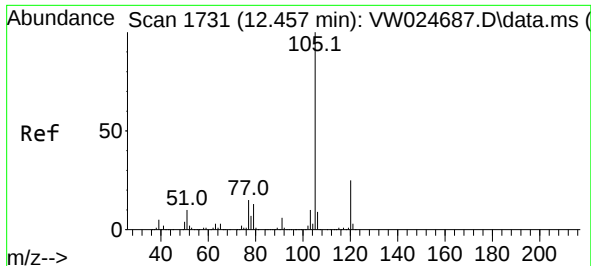
Delta R.T. -0.000 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

Tgt Ion: 173	Resp:	3288
Ion Ratio	Lower	Upper
173	100	
175	43.1	37.7 56.5
254	1.3	6.7 10.1#

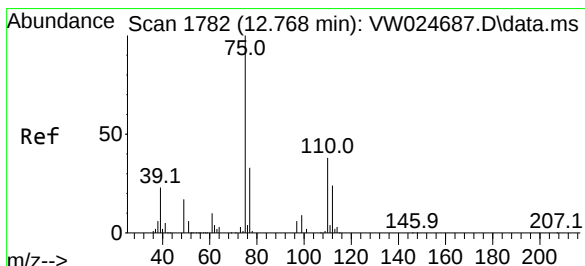
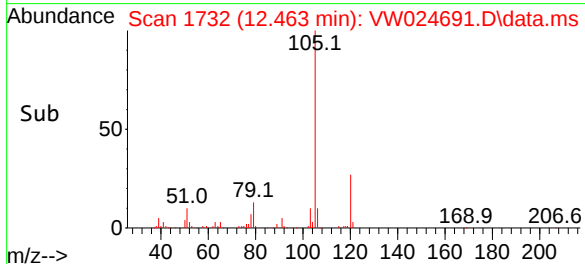
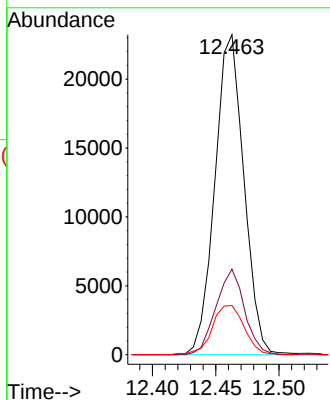
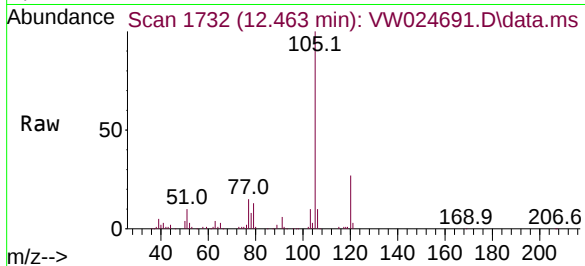




#60
Isopropylbenzene
Concen: 0.992 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VW024691.D
Acq: 30 Sep 2022 10:39

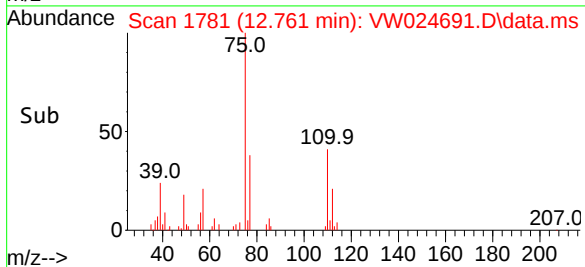
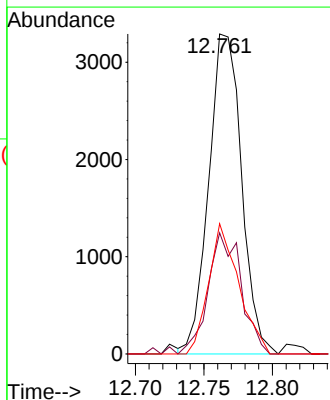
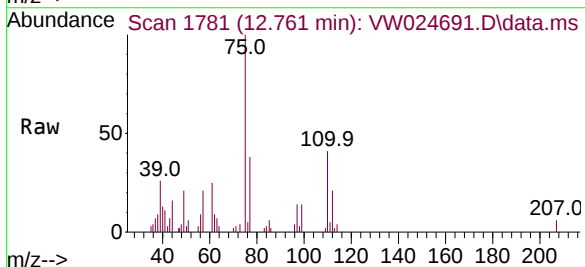
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

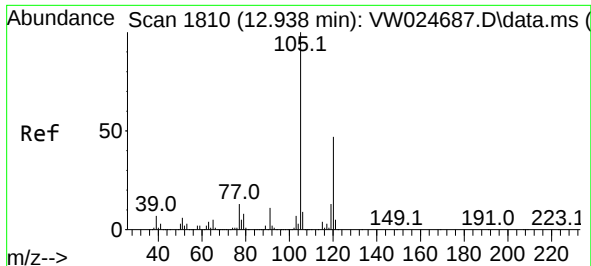
Tgt Ion:105 Resp: 36990
Ion Ratio Lower Upper
105 100
120 26.2 20.9 31.3
77 17.1 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 1.114 ug/L
RT: 12.761 min Scan# 1781
Delta R.T. -0.006 min
Lab File: VW024691.D
Acq: 30 Sep 2022 10:39

Tgt Ion: 75 Resp: 5488
Ion Ratio Lower Upper
75 100
77 38.0 25.8 38.6
110 37.4 29.2 43.8





#62

1,3,5-Trimethylbenzene

Concen: 0.975 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

Instrument :

MSVOA_W

ClientSampleId :

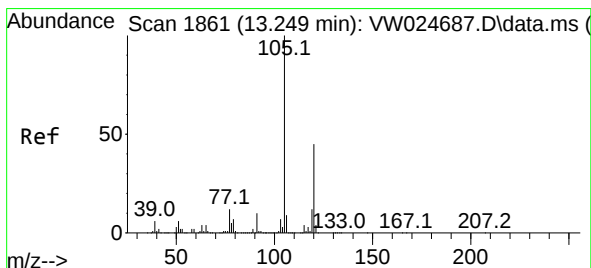
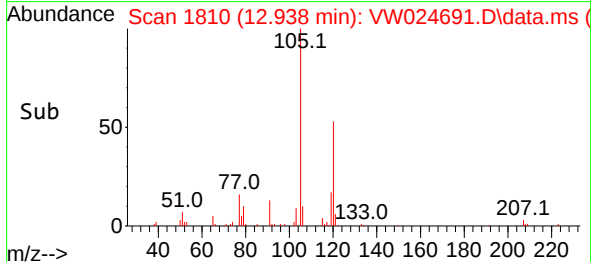
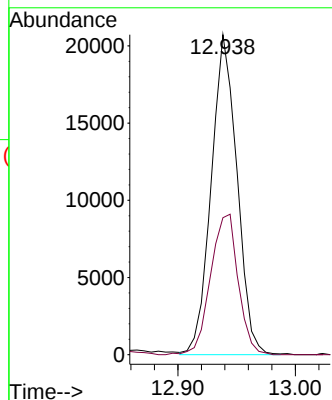
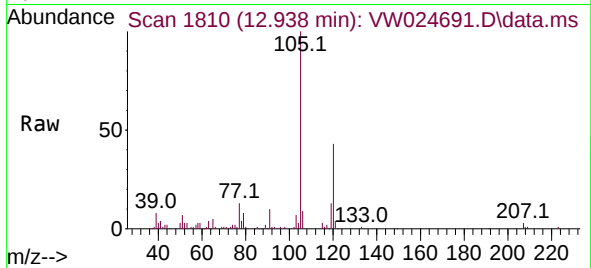
MDL 1 PPB

Tgt Ion:105 Resp: 31591

Ion Ratio Lower Upper

105 100

120 46.9 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 1.002 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW024691.D

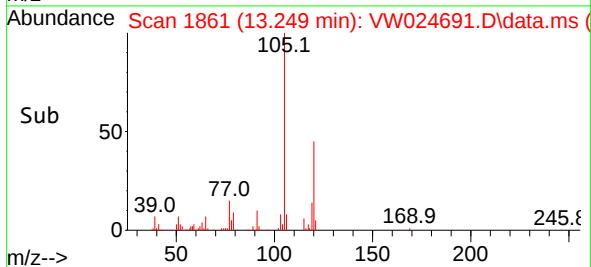
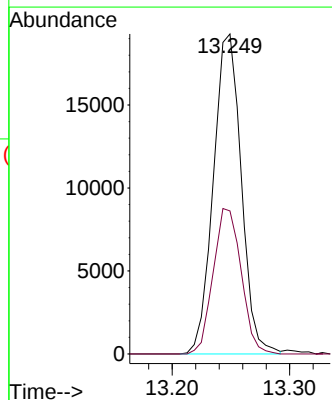
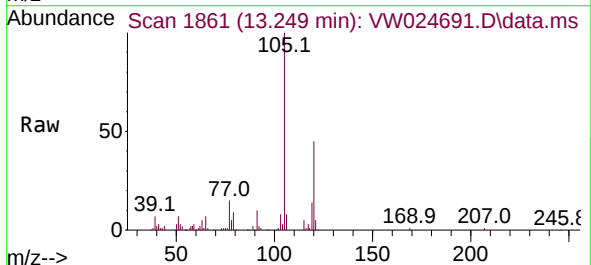
Acq: 30 Sep 2022 10:39

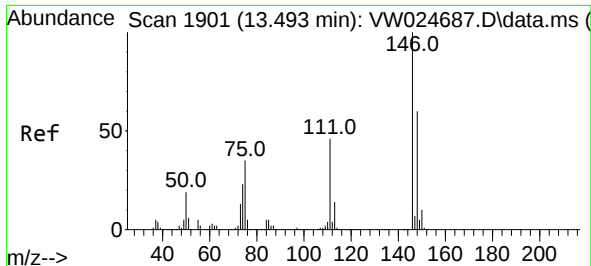
Tgt Ion:105 Resp: 31814

Ion Ratio Lower Upper

105 100

120 45.6 35.2 52.8

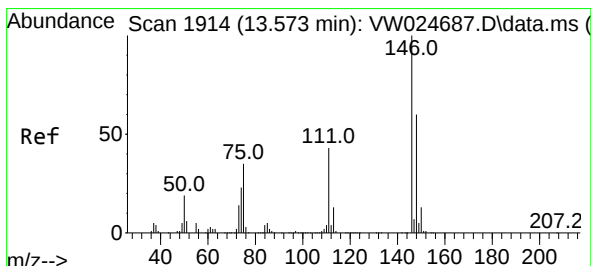
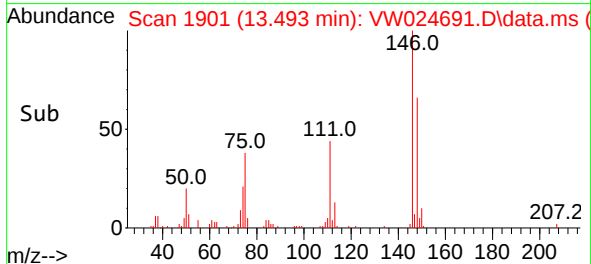
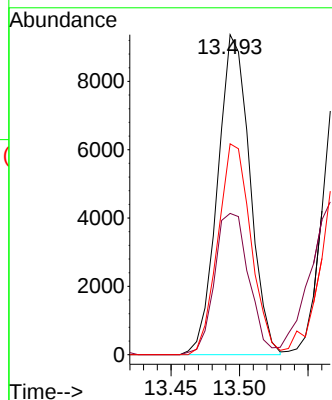
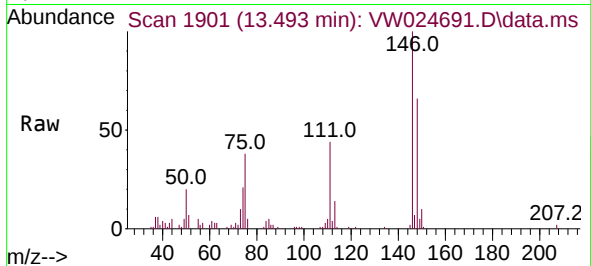




#64
1,3-Dichlorobenzene
Concen: 1.012 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VW024691.D
Acq: 30 Sep 2022 10:39

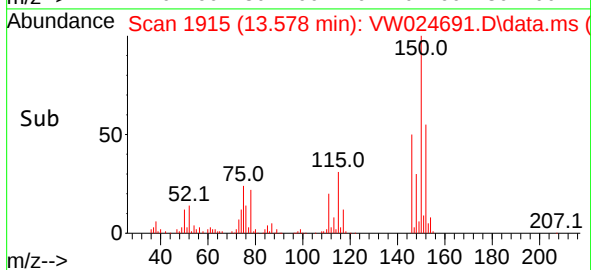
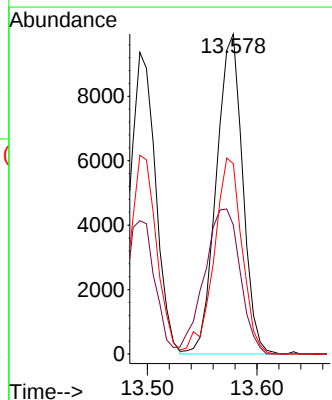
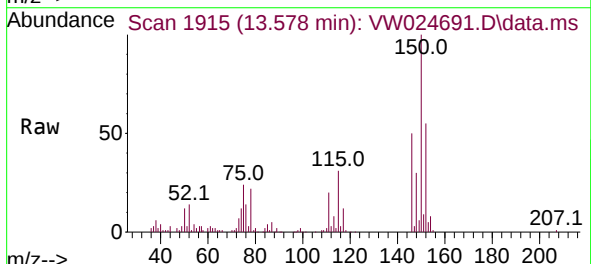
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

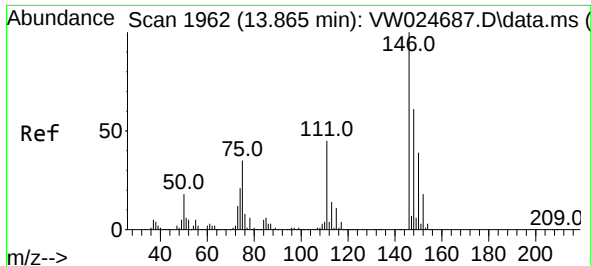
Tgt Ion:146 Resp: 15329
Ion Ratio Lower Upper
146 100
111 44.2 31.6 58.6
148 65.9 38.1 70.9



#65
1,4-Dichlorobenzene
Concen: 1.124 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024691.D
Acq: 30 Sep 2022 10:39

Tgt Ion:146 Resp: 16578
Ion Ratio Lower Upper
146 100
111 40.3 29.4 54.6
148 59.5 39.6 73.6





#67

1,2-Dichlorobenzene

Concen: 1.104 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

Instrument :

MSVOA_W

ClientSampleId :

MDL 1 PPB

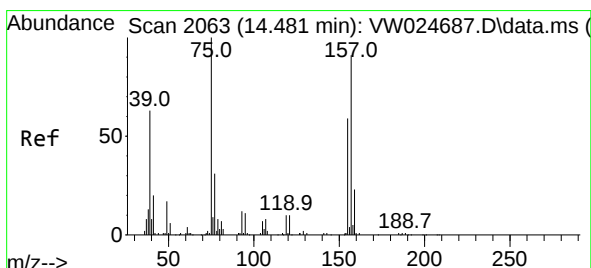
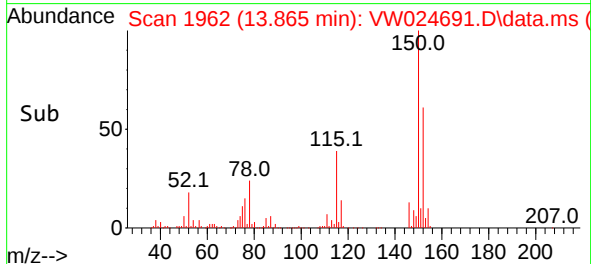
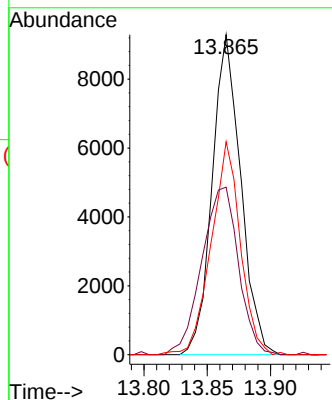
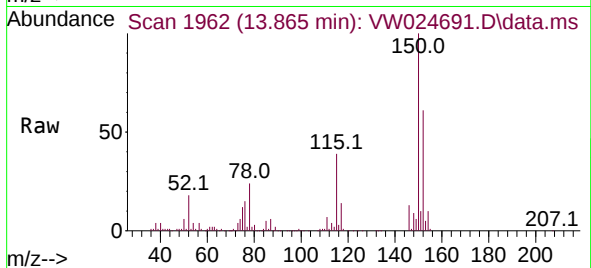
Tgt Ion:146 Resp: 14567

Ion Ratio Lower Upper

146 100

111 52.3 37.2 55.8

148 66.5 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 1.236 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

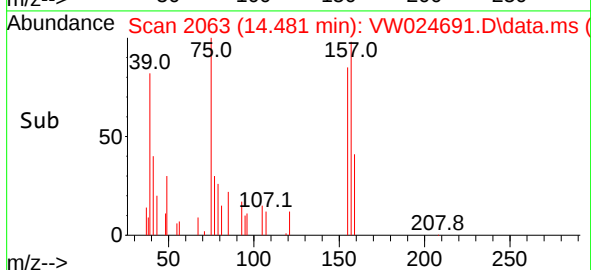
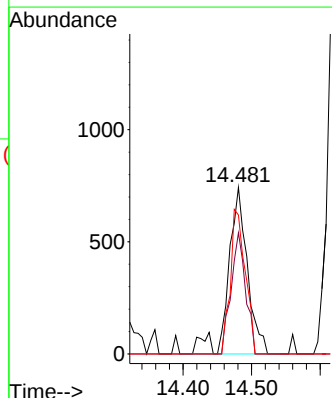
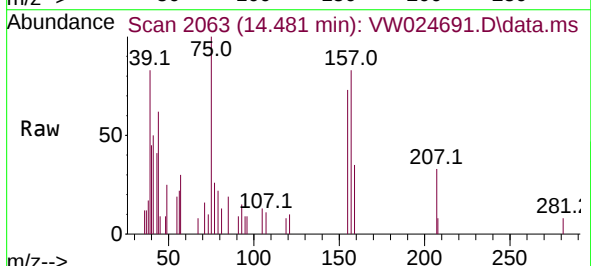
Tgt Ion: 75 Resp: 1440

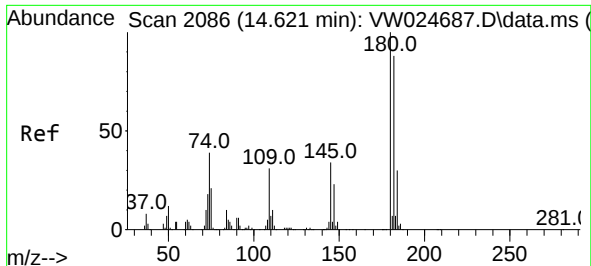
Ion Ratio Lower Upper

75 100

155 72.7 57.6 86.4

157 83.3 73.0 109.6





#69

1,3,5-Trichlorobenzene

Concen: 0.958 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. -0.000 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

Instrument :

MSVOA_W

ClientSampleId :

MDL 1 PPB

Tgt Ion:180 Resp: 9633

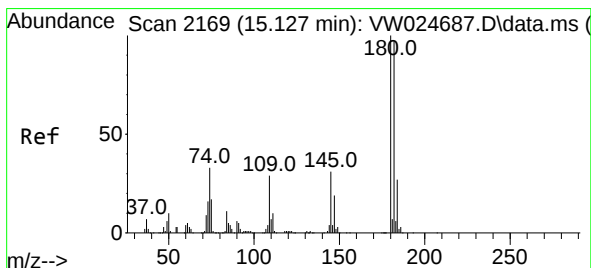
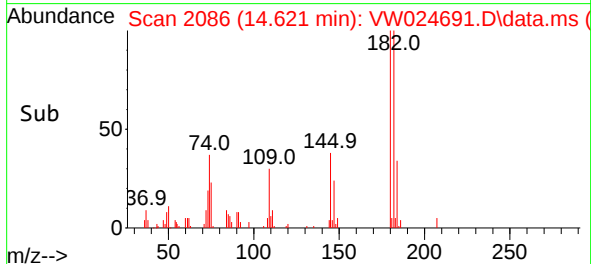
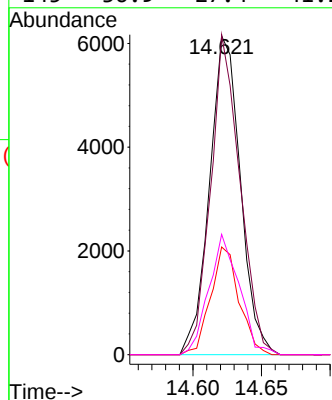
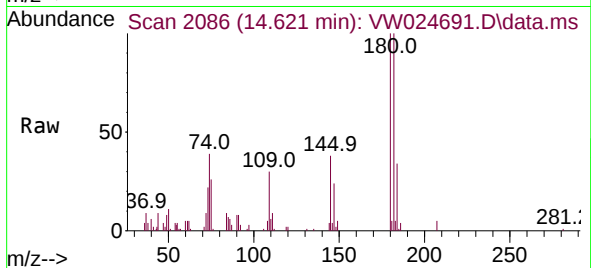
Ion Ratio Lower Upper

180 100

182 94.9 77.1 115.7

184 31.2 23.3 34.9

145 36.9 27.4 41.2



#70

1,2,4-trichlorobenzene

Concen: 0.938 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

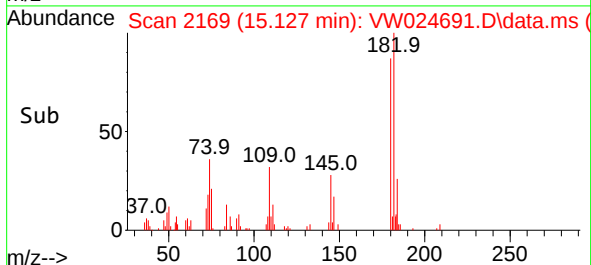
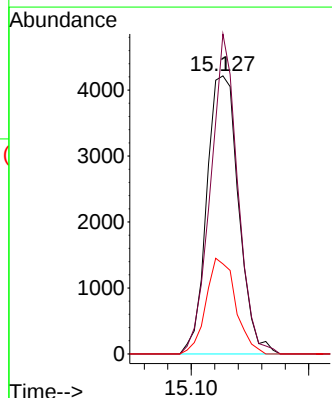
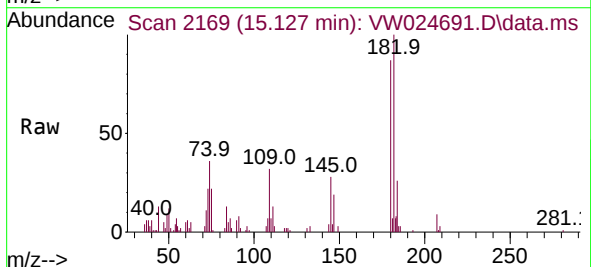
Tgt Ion:180 Resp: 7925

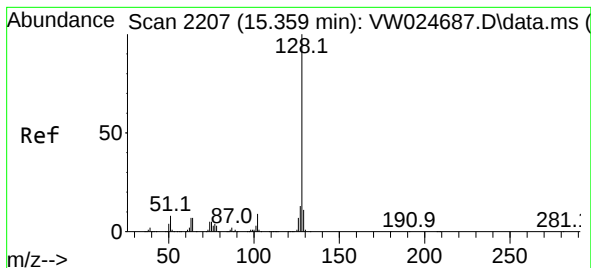
Ion Ratio Lower Upper

180 100

182 98.2 76.8 115.2

145 31.9 29.0 43.4





#71

Naphthalene

Concen: 0.966 ug/L

RT: 15.365 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

Instrument :

MSVOA_W

ClientSampleId :

MDL 1 PPB

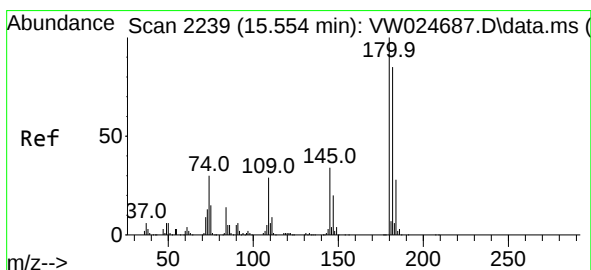
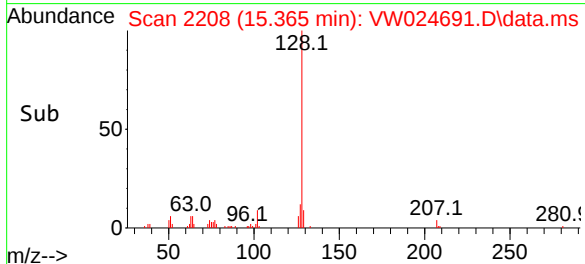
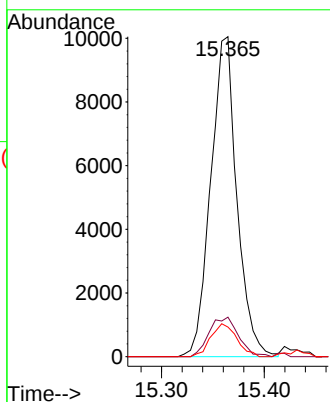
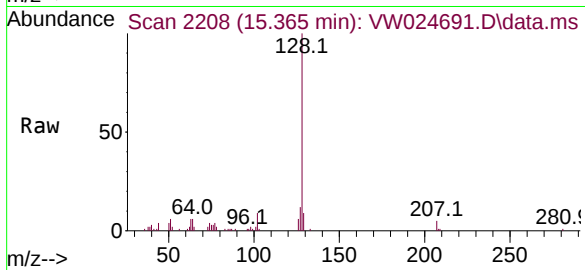
Tgt Ion:128 Resp: 17778

Ion Ratio Lower Upper

128 100

127 13.8 10.6 16.0

129 10.2 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 0.922 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW024691.D

Acq: 30 Sep 2022 10:39

Tgt Ion:180 Resp: 6632

Ion Ratio Lower Upper

180 100

182 96.5 77.4 116.2

145 36.2 30.6 45.8

