

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100322\
 Data File : VW024705.D
 Acq On : 03 Oct 2022 11:59
 Operator : SY/VA
 Sample : MDL 1 PPB
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL 1 PPB

Quant Time: Oct 04 07:50:19 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	8.842	114	573515	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	507638	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	239348	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	140204	23.366	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.480%
7) Chloroethane-d5	2.891	69	75158	21.554	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	4.019	63	211184	15.206	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.840%
21) 2-Butanone-d5	7.080	46	99062	45.919	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.840%
24) Chloroform-d	7.647	84	340155	22.186	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.760%
26) 1,2-Dichloroethane-d4	8.250	65	173	0.022	ug/L	-0.05
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.080%#
32) Benzene-d6	8.275	84	714044	22.007	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.040%
36) 1,2-Dichloropropane-d6	9.274	67	222365	22.430	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.720%
41) Toluene-d8	10.323	98	625013	21.552	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	10.579	79	80613	18.260	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.040%
47) 2-Hexanone-d5	10.927	63	74463	43.900	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.800%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	167065	23.651	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	13.847	152	194042	23.039	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.160%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.050	96	10626	1.416	ug/L #	1
13) Acetone	4.129	43	5610	3.564	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	7560	0.897	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	11179	0.836	ug/L #	83
19) 1,1-Dichloroethane	6.214	63	13392	0.849	ug/L	96
20) cis-1,2-Dichloroethene	7.177	96	8097	0.895	ug/L	97
23) Bromochloromethane	7.513	128	3260	0.887	ug/L	95
25) Chloroform	7.677	83	14443	0.966	ug/L	86
27) 1,2-Dichloroethane	8.403	62	8871	0.943	ug/L	98
29) Cyclohexane	7.952	56	13257	0.838	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	10176	0.828	ug/L	99
31) Carbon tetrachloride	8.073	117	8166	0.785	ug/L	99
33) Benzene	8.323	78	32482	0.914	ug/L	100
34) Trichloroethene	9.098	95	7495	0.832	ug/L	92
35) Methylcyclohexane	9.335	83	12789	0.775	ug/L	91
37) 1,2-Dichloropropane	9.366	63	7984	0.910	ug/L #	97
38) Bromodichloromethane	9.646	83	9168	0.850	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	10535	0.760	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	9583	1.846	ug/L	100

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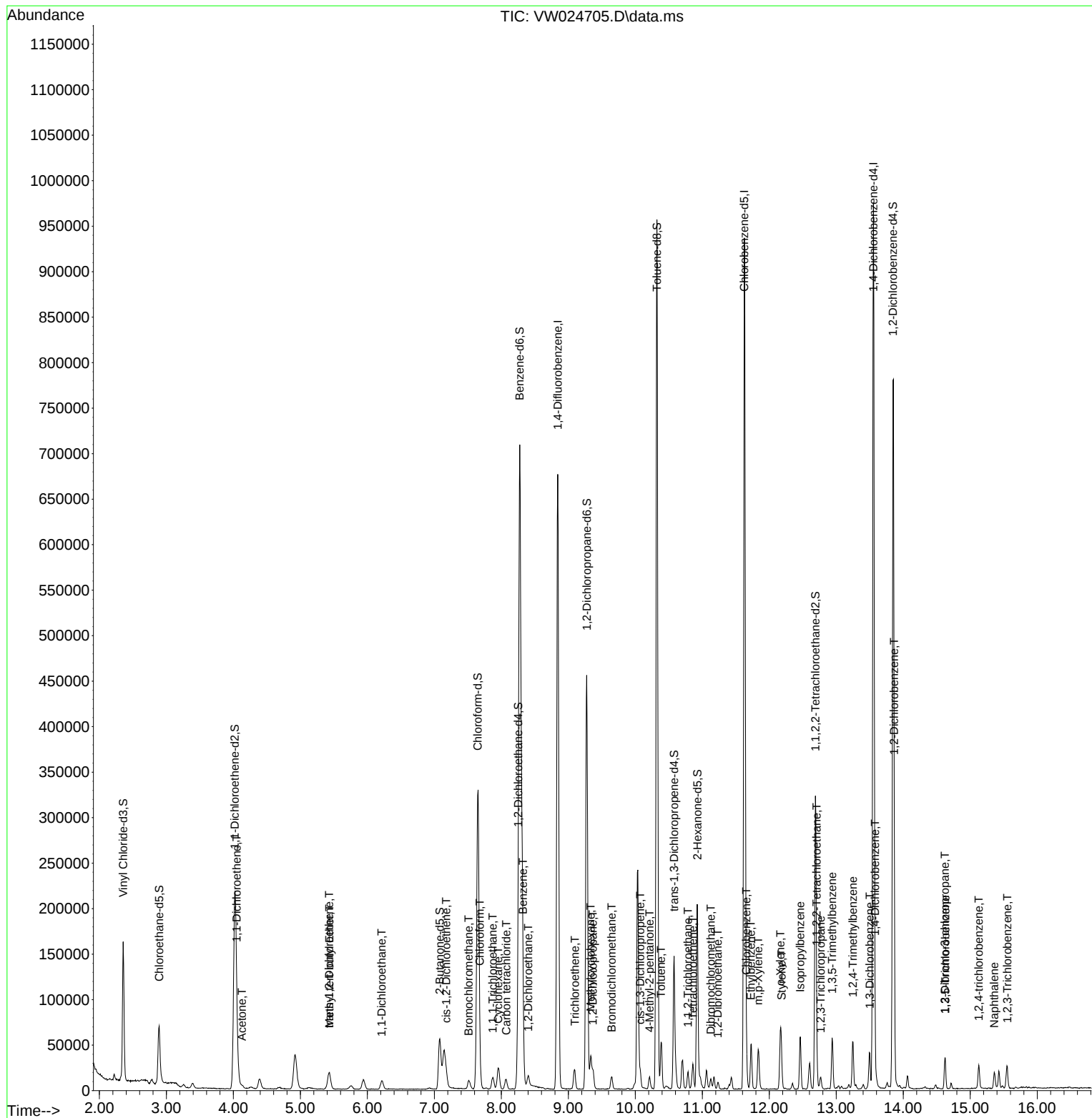
Quant Time: Oct 04 07:50:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 30 22:12:13 2022
 Response via : Initial Calibration

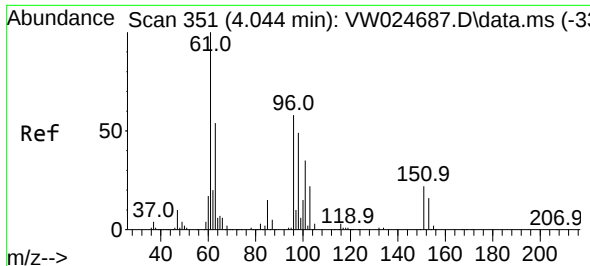
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.384	91	37503	1.022	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	5288	0.883	ug/L	94
46) Tetrachloroethene	10.860	164	5350	0.874	ug/L	89
49) Dibromochloromethane	11.128	129	5118	0.759	ug/L	95
50) 1,2-Dibromoethane	11.231	107	5097	0.899	ug/L	94
51) Chlorobenzene	11.658	112	19571	0.871	ug/L	98
52) Ethylbenzene	11.725	91	35380	0.875	ug/L	93
53) m,p-Xylene	11.835	106	13940	0.883	ug/L	94
54) o-Xylene	12.164	106	12332	0.827	ug/L	99
55) Styrene	12.182	104	21522	0.857	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.707	83	6985	0.996	ug/L #	92
60) Isopropylbenzene	12.463	105	34087	0.874	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	4947	0.960	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	29010	0.856	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	29762	0.896	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	14700	0.928	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	14972	0.970	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	13421	0.972	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.621	75	2321	1.904	ug/L #	8
69) 1,3,5-Trichlorobenzene	14.627	180	10137	0.963	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	7781	0.880	ug/L	92
71) Naphthalene	15.359	128	14492	0.753	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	6474	0.860	ug/L	98

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

Instrument :
MSVOA_W
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MDL 1 PPB

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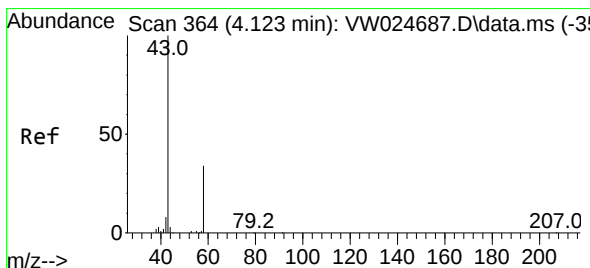
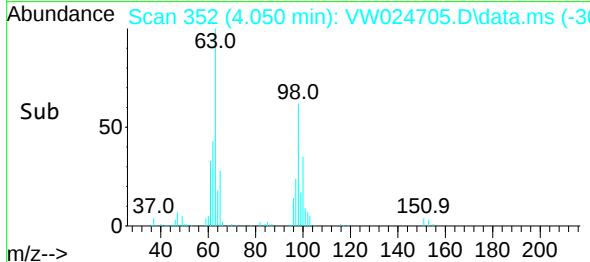
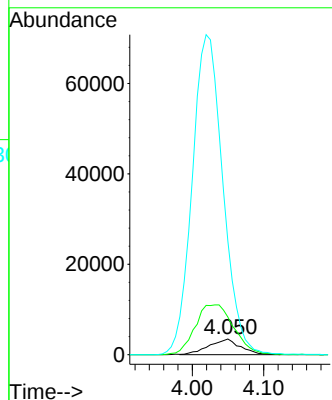
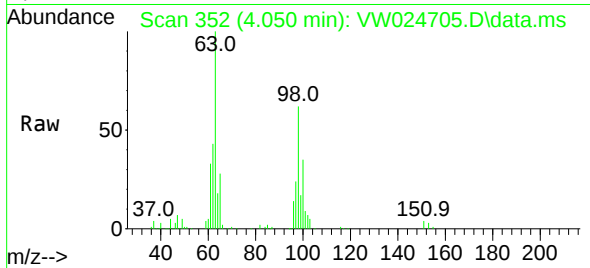




#12
1,1-Dichloroethene
Concen: 1.416 ug/L
RT: 4.050 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW024705.D
Acq: 03 Oct 2022 11:59

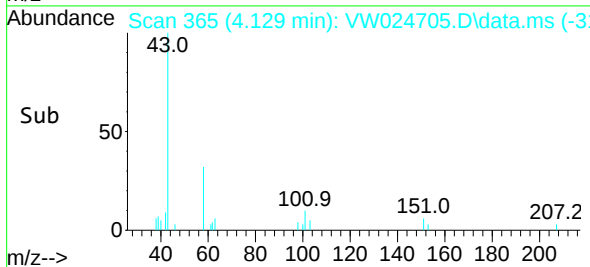
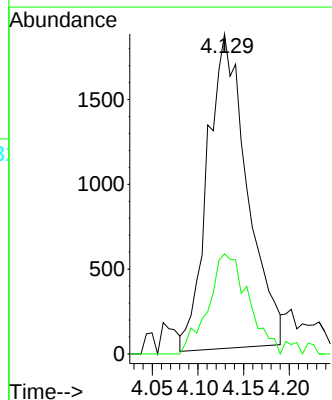
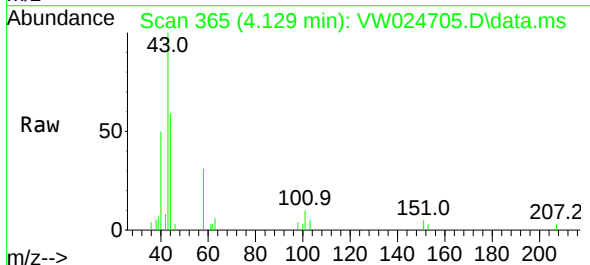
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

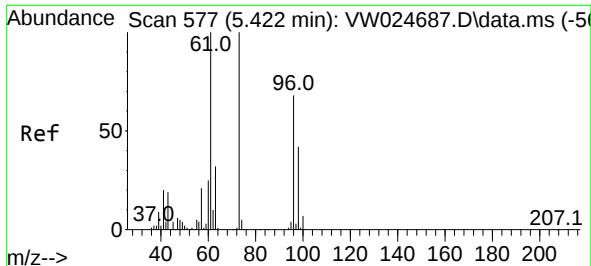
Tgt Ion: 96 Resp: 10626
Ion Ratio Lower Upper
96 100
61 240.3 124.5 231.1#
63 724.5 84.1 156.1#



#13
Acetone
Concen: 3.564 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW024705.D
Acq: 03 Oct 2022 11:59

Tgt Ion: 43 Resp: 5610
Ion Ratio Lower Upper
43 100
58 32.0 0.0 67.6





#17

trans-1,2-Dichloroethene

Concen: 0.897 ug/L

RT: 5.428 min Scan# 577

Delta R.T. 0.006 min

Lab File: VW024705.D

Acq: 03 Oct 2022 11:59

Instrument :

MSVOA_W

ClientSampleId :

MDL 1 PPB

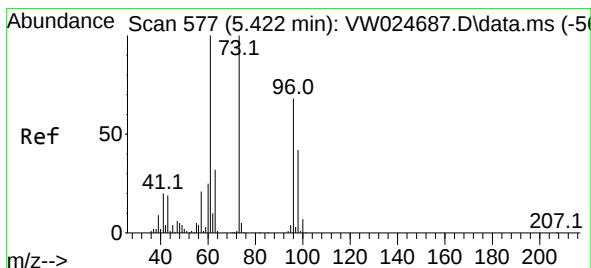
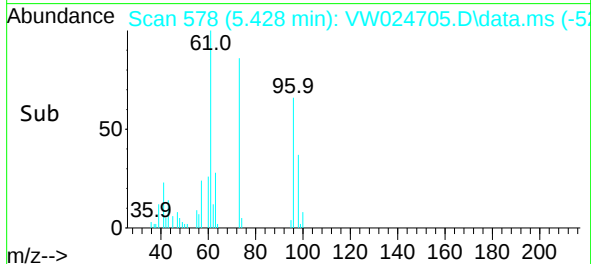
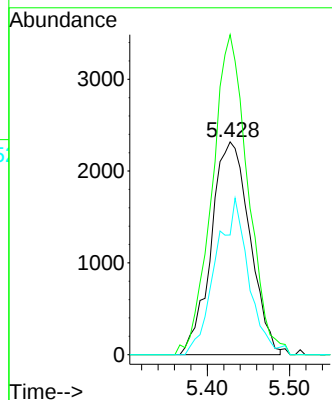
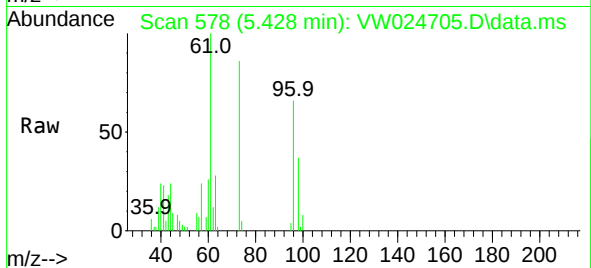
Tgt Ion: 96 Resp: 7560

Ion Ratio Lower Upper

96 100

61 150.4 106.3 197.5

98 56.2 45.1 83.9



#18

Methyl tert-butyl Ether

Concen: 0.836 ug/L

RT: 5.434 min Scan# 579

Delta R.T. 0.012 min

Lab File: VW024705.D

Acq: 03 Oct 2022 11:59

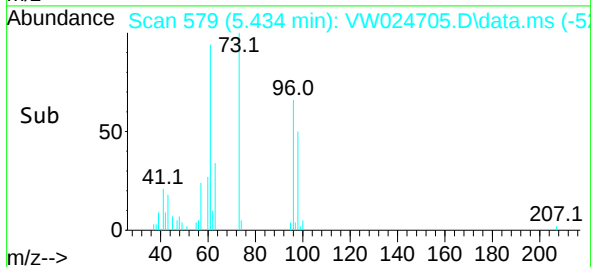
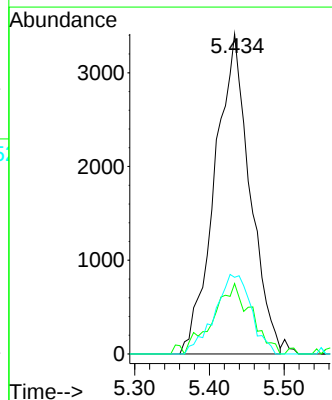
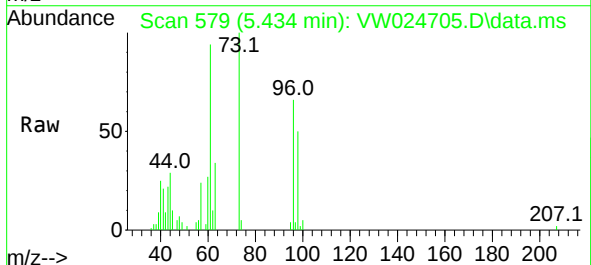
Tgt Ion: 73 Resp: 11179

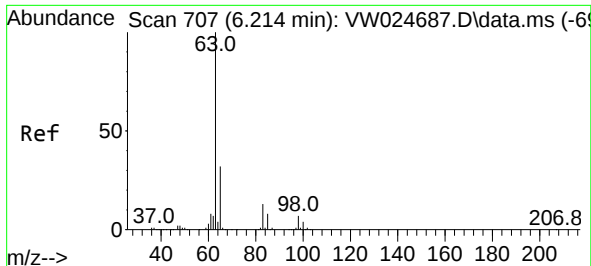
Ion Ratio Lower Upper

73 100

43 5.9 15.6 23.4#

57 25.7 18.3 27.5





#19

1,1-Dichloroethane

Concen: 0.849 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW024705.D

Acq: 03 Oct 2022 11:59

Instrument :

MSVOA_W

ClientSampleId :

MDL 1 PPB

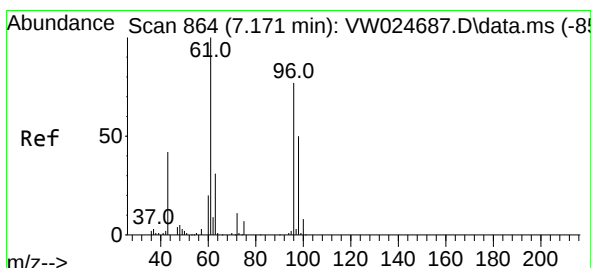
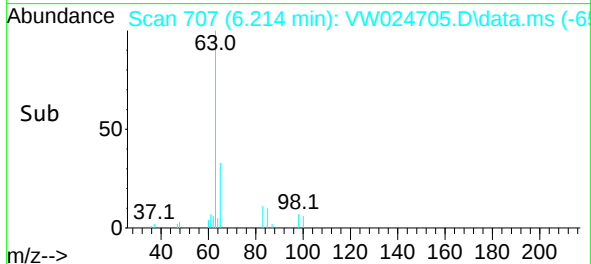
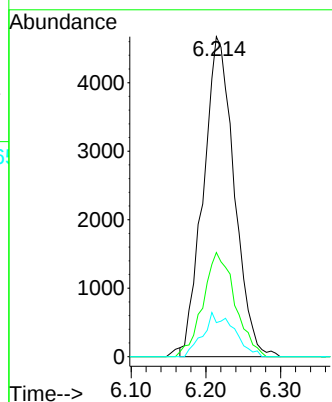
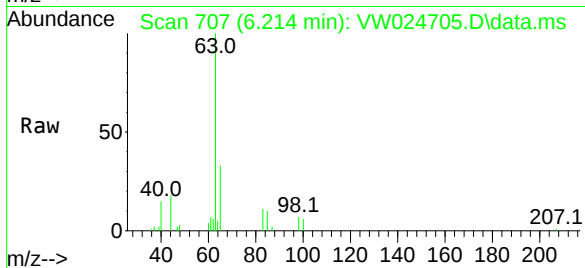
Tgt Ion: 63 Resp: 13392

Ion Ratio Lower Upper

63 100

65 32.6 23.7 43.9

83 10.6 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 0.895 ug/L

RT: 7.177 min Scan# 865

Delta R.T. 0.006 min

Lab File: VW024705.D

Acq: 03 Oct 2022 11:59

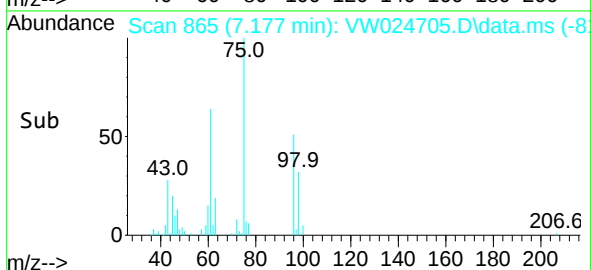
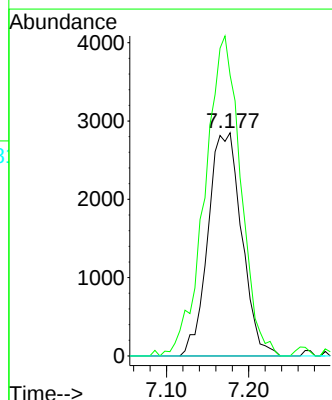
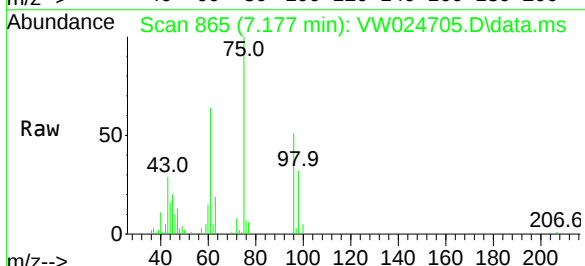
Tgt Ion: 96 Resp: 8097

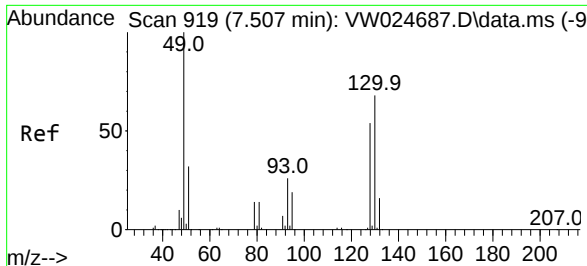
Ion Ratio Lower Upper

96 100

61 125.7 90.2 167.4

68 0.0 0.0 0.0

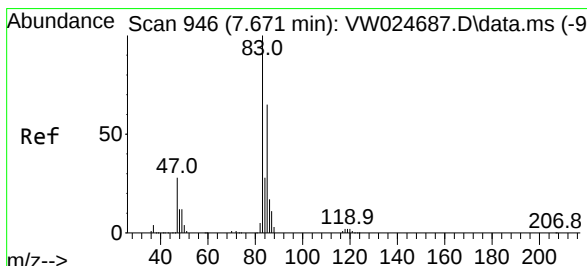
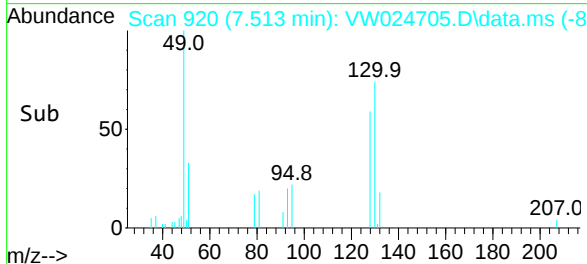
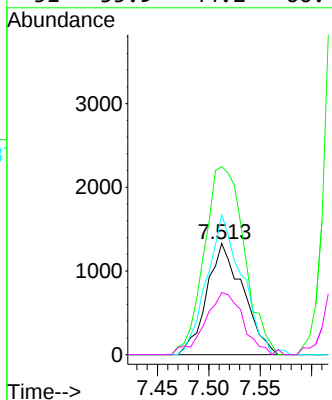
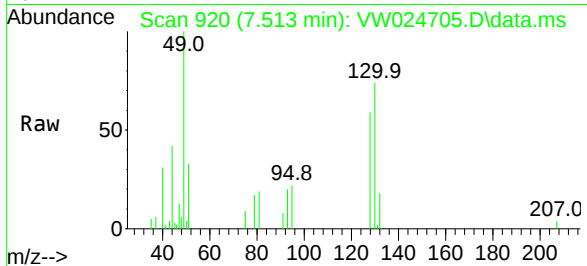




#23
Bromochloromethane
Concen: 0.887 ug/L
RT: 7.513 min Scan# 919
Delta R.T. 0.006 min
Lab File: VW024705.D
Acq: 03 Oct 2022 11:59

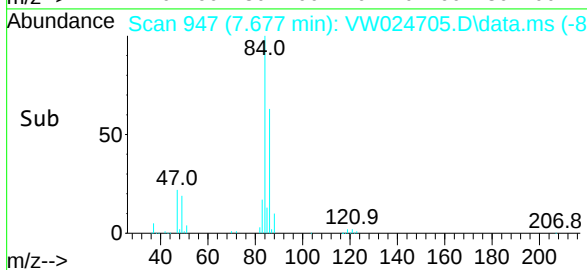
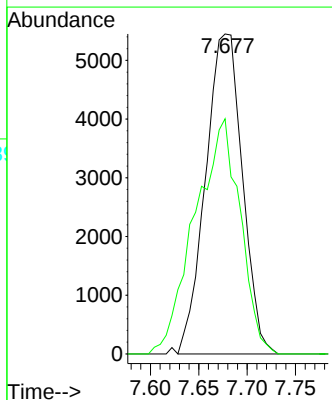
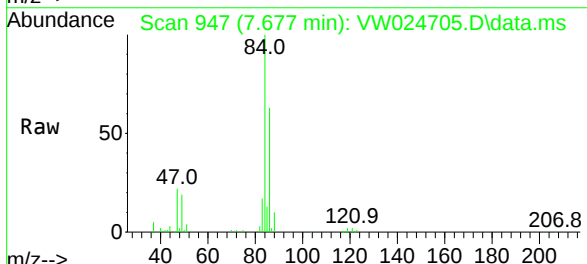
Instrument :
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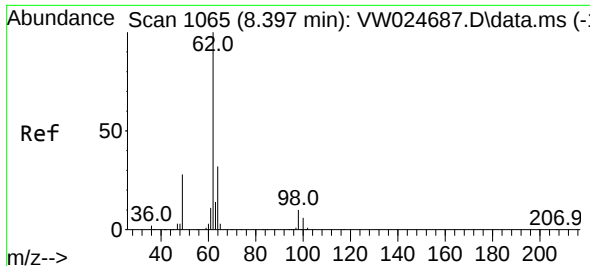
Tgt Ion:	128	Resp:	3260
Ion	Ratio	Lower	Upper
128	100		
49	169.1	127.3	236.3
130	125.8	90.2	167.4
51	55.9	44.2	66.4



#25
Chloroform
Concen: 0.966 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW024705.D
Acq: 03 Oct 2022 11:59

Tgt Ion:	83	Resp:	14443
Ion	Ratio	Lower	Upper
83	100		
85	73.5	44.0	81.8





#27

1,2-Dichloroethane

Concen: 0.943 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW024705.D

Acq: 03 Oct 2022 11:59

Instrument :

MSVOA_W

ClientSampleId :

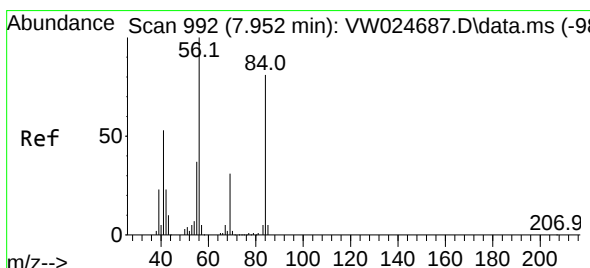
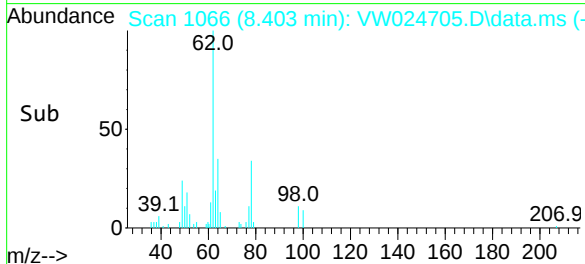
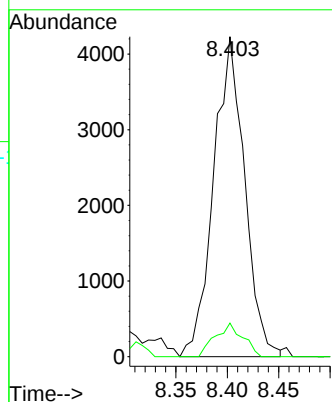
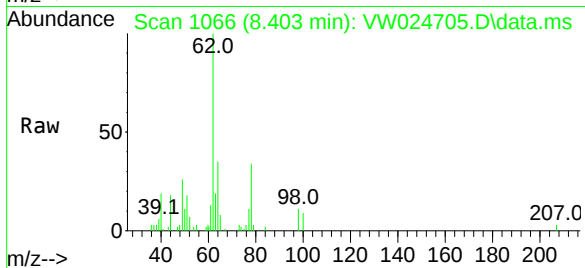
MDL 1 PPB

Tgt Ion: 62 Resp: 8871

Ion Ratio Lower Upper

62 100

98 10.5 7.8 11.8



#29

Cyclohexane

Concen: 0.838 ug/L

RT: 7.952 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024705.D

Acq: 03 Oct 2022 11:59

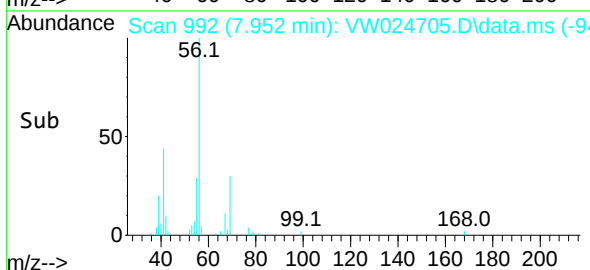
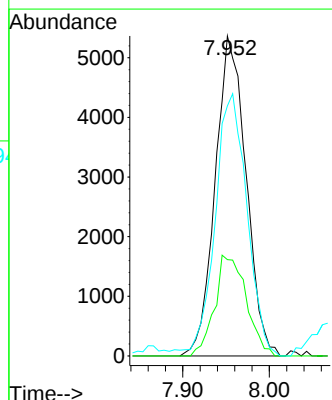
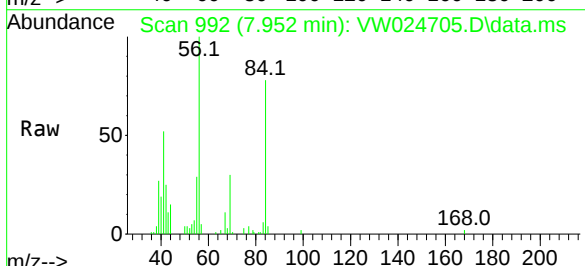
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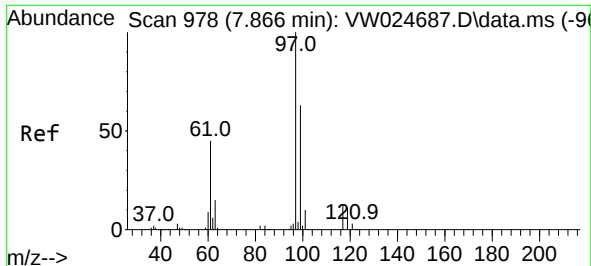
Ion Ratio Lower Upper

56 100

69 32.1 25.0 37.4

84 84.3 68.1 102.1

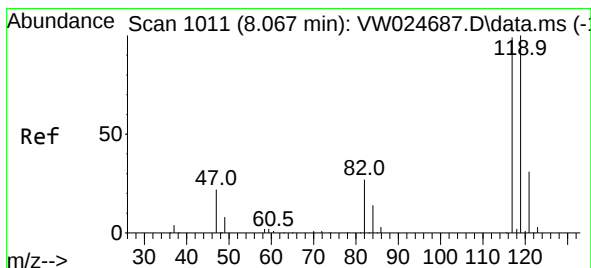
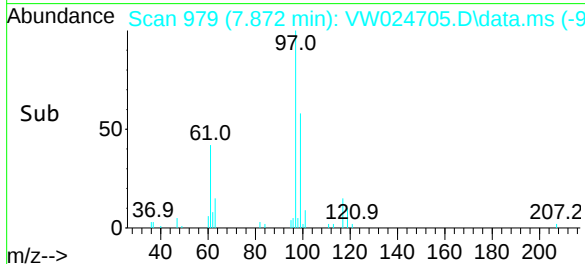
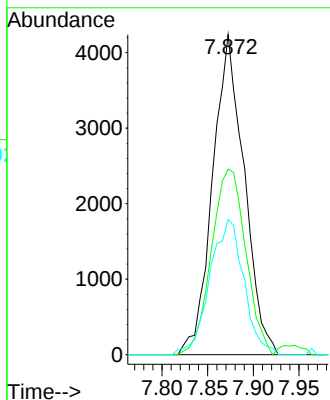
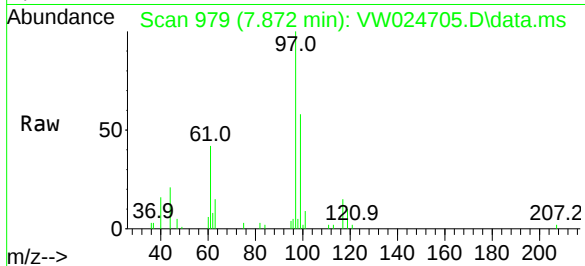




#30
1,1,1-Trichloroethane
Concen: 0.828 ug/L
RT: 7.872 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW024705.D
Acq: 03 Oct 2022 11:59

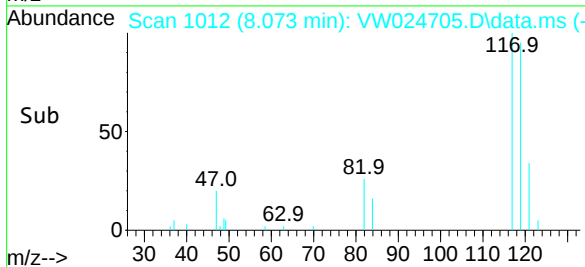
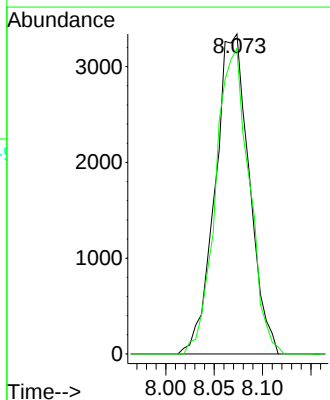
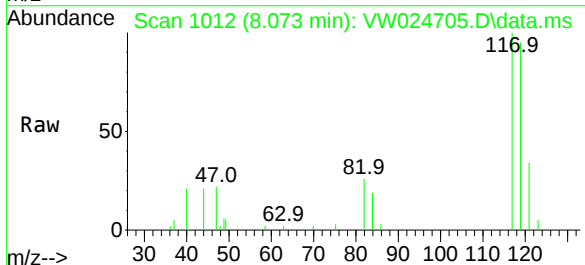
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

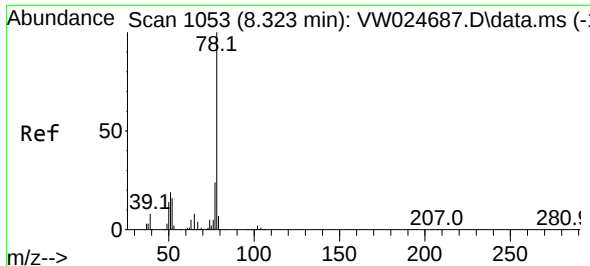
Tgt Ion: 97 Resp: 10176
Ion Ratio Lower Upper
97 100
99 63.0 51.1 76.7
61 45.5 35.8 53.6



#31
Carbon tetrachloride
Concen: 0.785 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW024705.D
Acq: 03 Oct 2022 11:59

Tgt Ion: 117 Resp: 8166
Ion Ratio Lower Upper
117 100
119 94.1 76.2 114.2





#33

Benzene

Concen: 0.914 ug/L

RT: 8.323 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VW024705.D

Acq: 03 Oct 2022 11:59

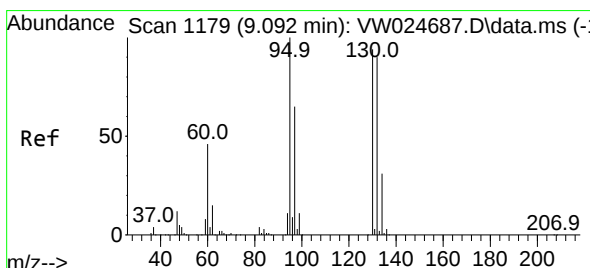
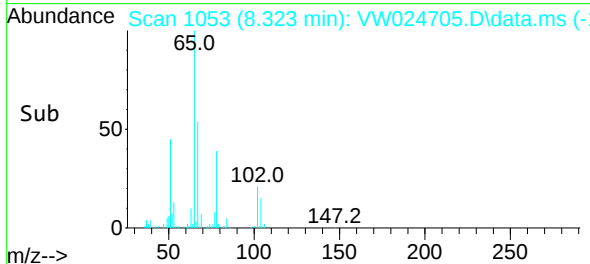
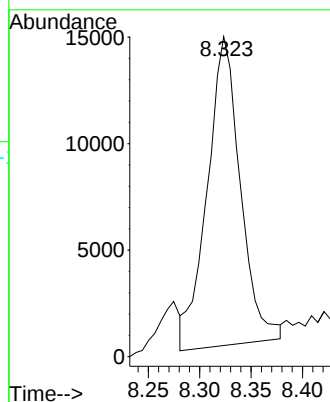
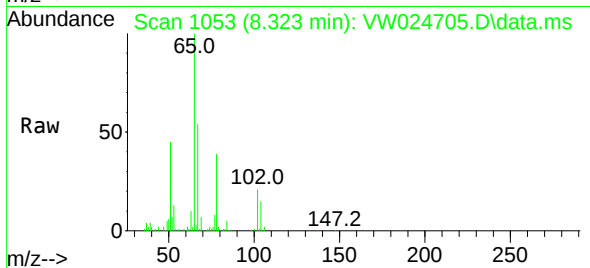
Instrument :

MSVOA_W

ClientSampleId :

MDL 1 PPB

Tgt Ion: 78 Resp: 32482



#34

Trichloroethene

Concen: 0.832 ug/L

RT: 9.098 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VW024705.D

Acq: 03 Oct 2022 11:59

Tgt Ion: 95 Resp: 7495

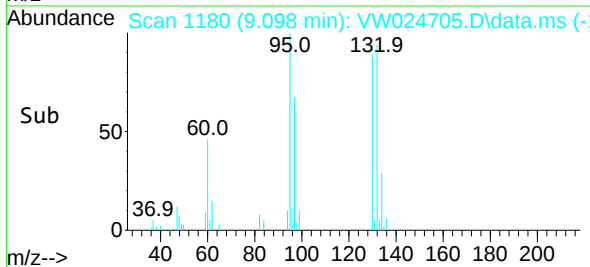
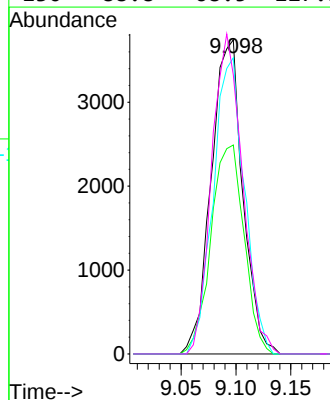
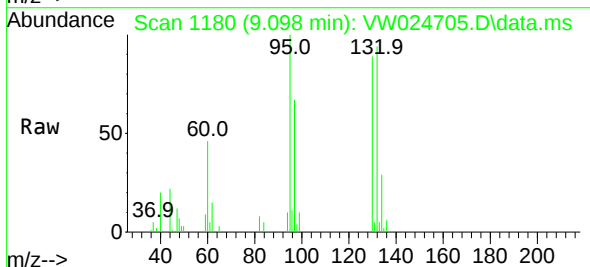
Ion Ratio Lower Upper

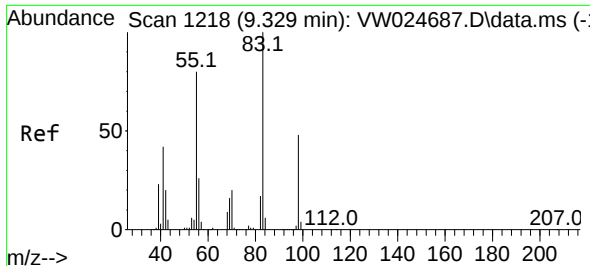
95 100

97 66.5 43.5 80.9

132 94.3 61.2 113.8

130 88.8 68.5 127.1

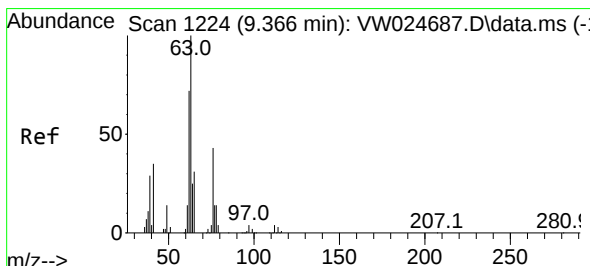
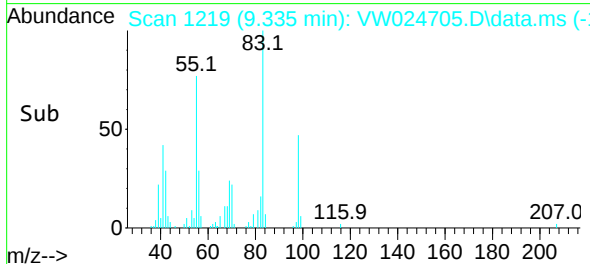
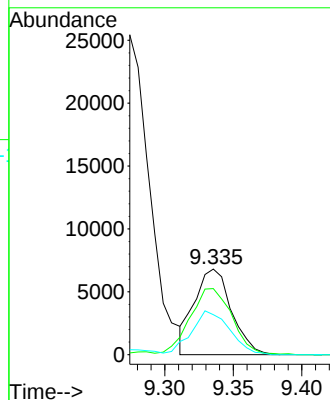
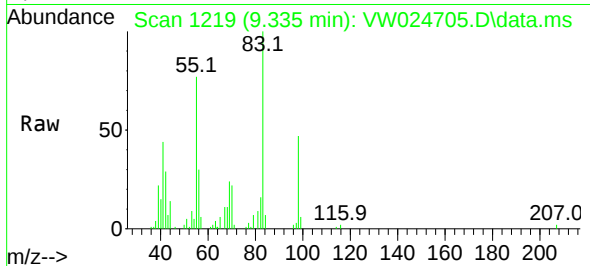




#35
Methylcyclohexane
Concen: 0.775 ug/L
RT: 9.335 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024705.D
Acq: 03 Oct 2022 11:59

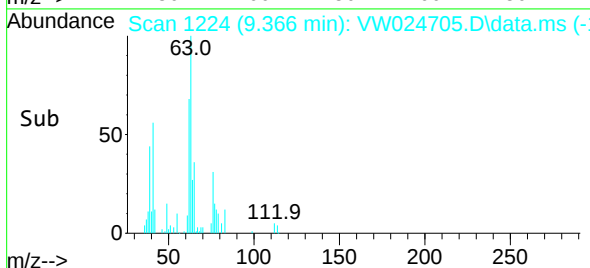
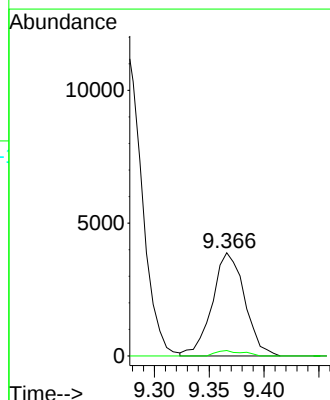
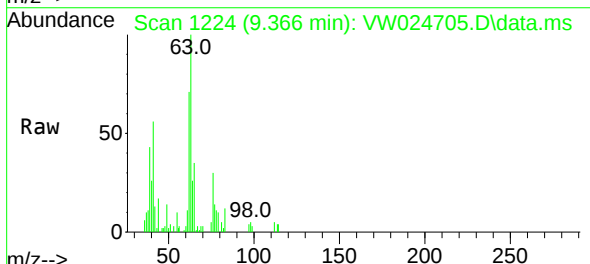
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

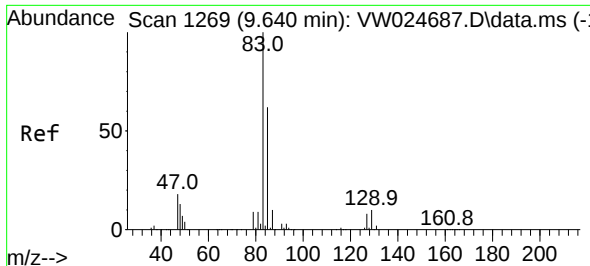
Tgt Ion: 83 Resp: 12789
Ion Ratio Lower Upper
83 100
55 87.8 63.1 94.7
98 53.0 38.3 57.5



#37
1,2-Dichloropropane
Concen: 0.910 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW024705.D
Acq: 03 Oct 2022 11:59

Tgt Ion: 63 Resp: 7984
Ion Ratio Lower Upper
63 100
112 3.4 3.6 5.4#

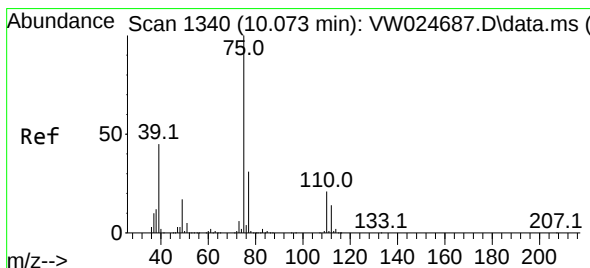
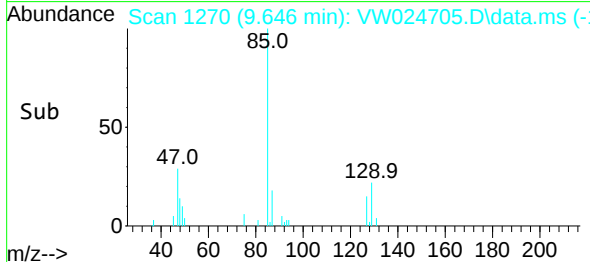
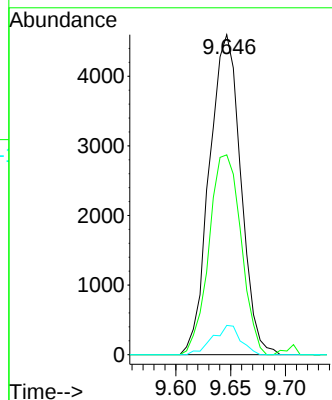
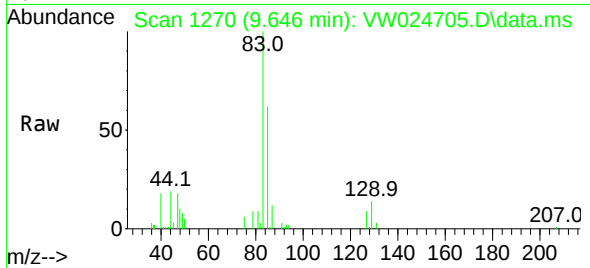




#38
Bromodichloromethane
Concen: 0.850 ug/L
RT: 9.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024705.D
Acq: 03 Oct 2022 11:59

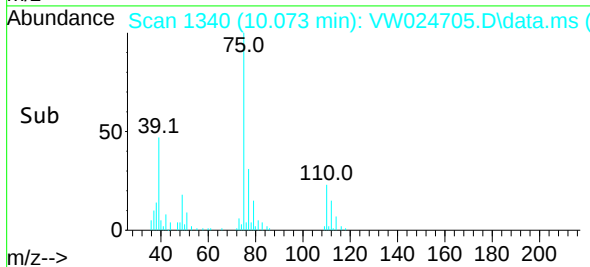
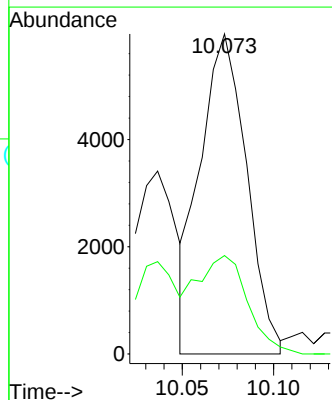
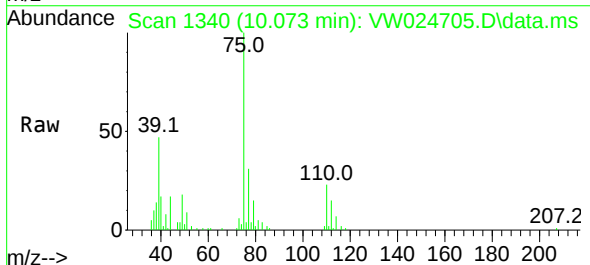
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

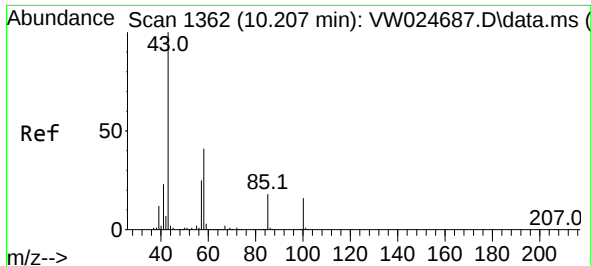
Tgt Ion: 83 Resp: 9168
Ion Ratio Lower Upper
83 100
85 62.5 45.6 84.8
127 9.2 6.4 9.6



#39
cis-1,3-Dichloropropene
Concen: 0.760 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW024705.D
Acq: 03 Oct 2022 11:59

Tgt Ion: 75 Resp: 10535
Ion Ratio Lower Upper
75 100
77 30.7 22.4 41.6





#40

4-Methyl-2-pentanone

Concen: 1.846 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.006 min

Lab File: VW024705.D

Acq: 03 Oct 2022 11:59

Instrument :

MSVOA_W

ClientSampleId :

MDL 1 PPB

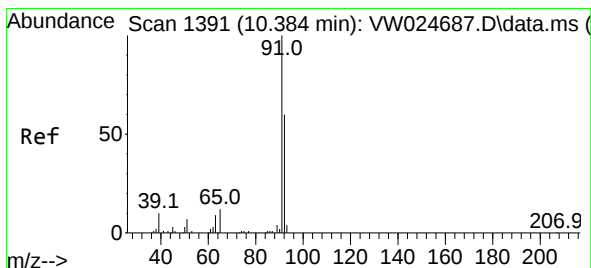
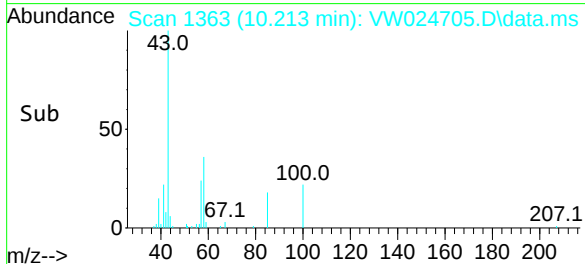
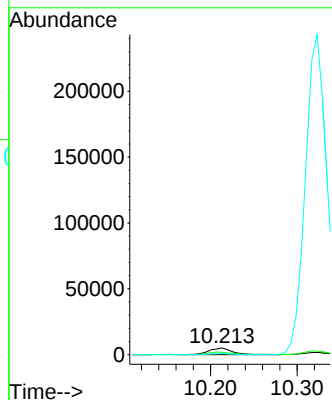
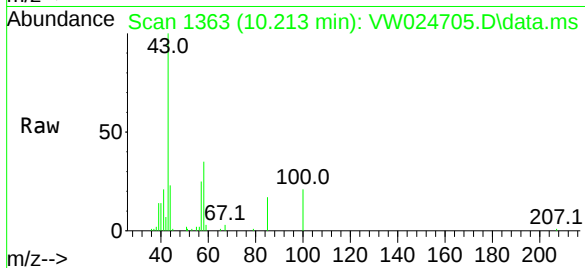
Tgt Ion: 43 Resp: 9583

Ion Ratio Lower Upper

43 100

58 41.0 32.9 49.3

100 15.7 12.6 19.0



#42

Toluene

Concen: 1.022 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW024705.D

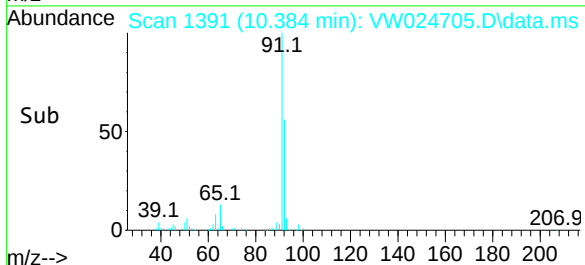
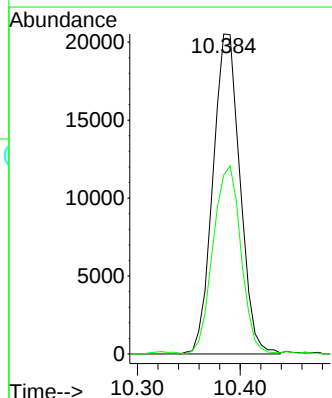
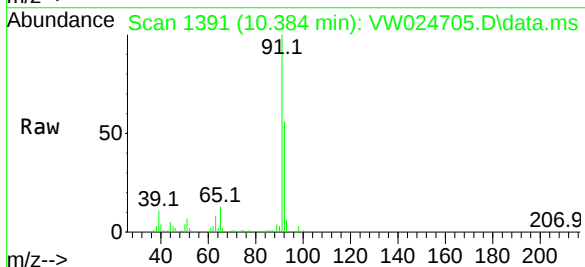
Acq: 03 Oct 2022 11:59

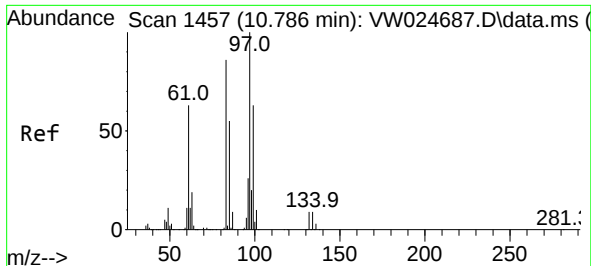
Tgt Ion: 91 Resp: 37503

Ion Ratio Lower Upper

91 100

92 55.9 41.0 76.2

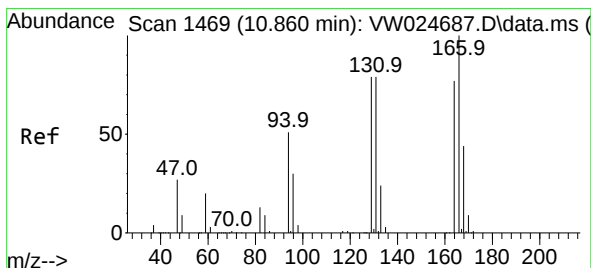
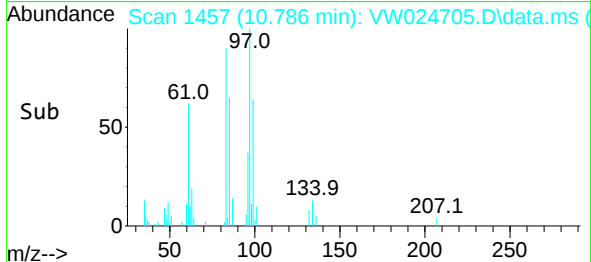
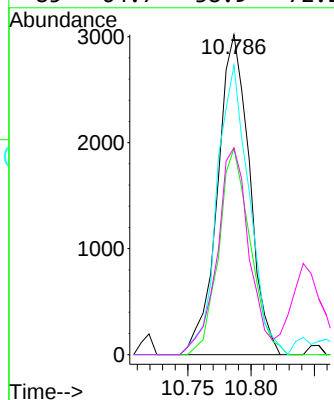
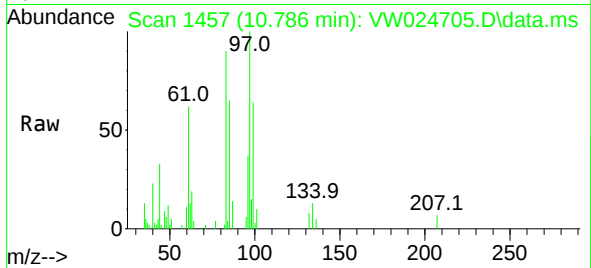




#45
1,1,2-Trichloroethane
Concen: 0.883 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024705.D
Acq: 03 Oct 2022 11:59

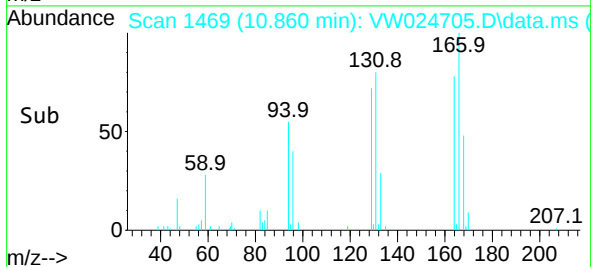
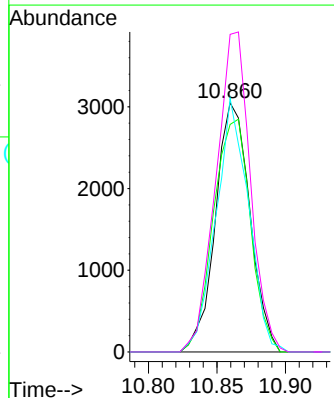
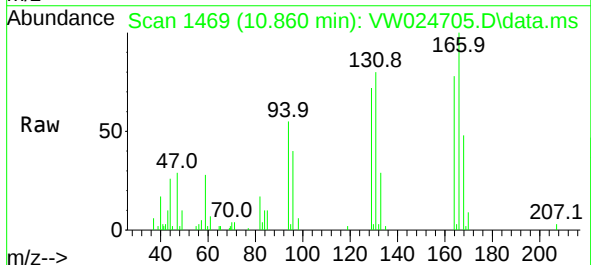
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

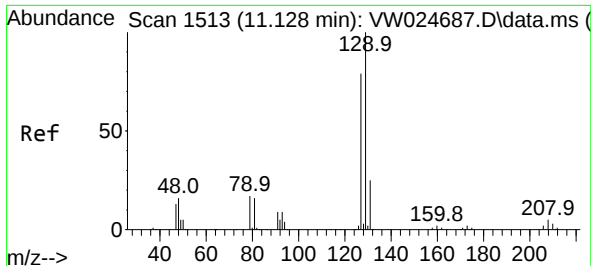
Tgt Ion: 97	Resp: 5288
Ion Ratio	Lower Upper
97 100	
99 64.4	43.8 81.4
83 90.5	60.1 111.5
85 64.7	38.9 72.2



#46
Tetrachloroethene
Concen: 0.874 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024705.D
Acq: 03 Oct 2022 11:59

Tgt	Ion:164	Resp:	5350
Ion	Ratio	Lower	Upper
164	100		
129	91.4	74.1	137.5
131	101.8	71.5	132.7
166	127.5	76.3	141.7

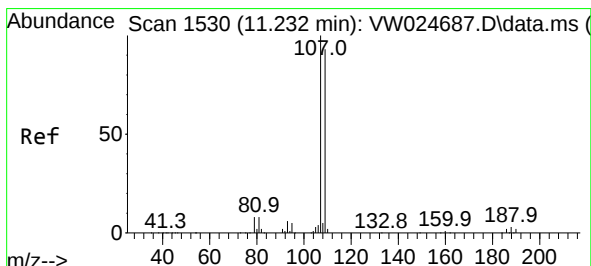
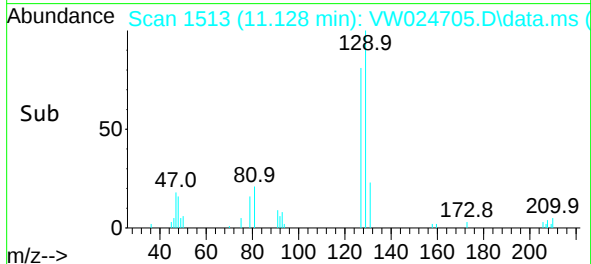
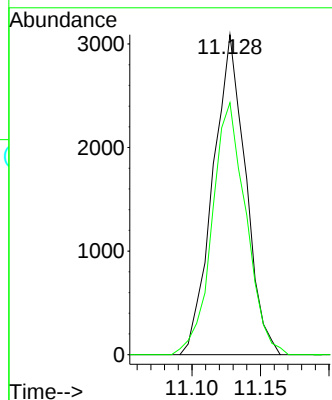
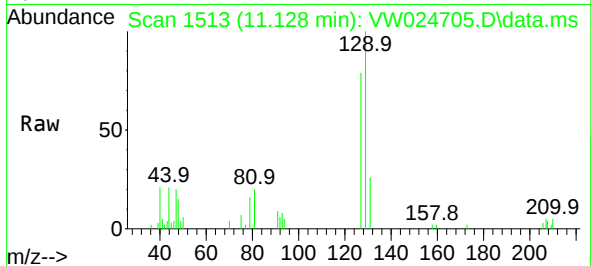




#49
Dibromochloromethane
Concen: 0.759 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024705.D
Acq: 03 Oct 2022 11:59

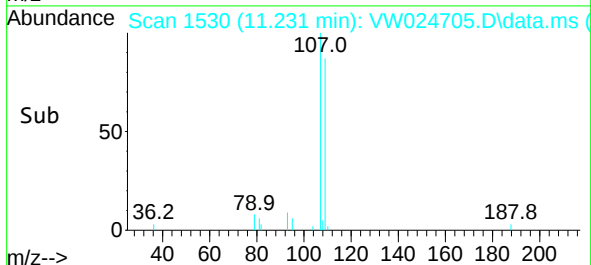
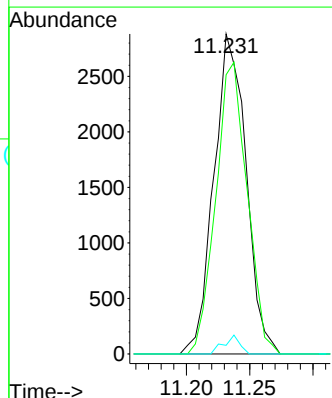
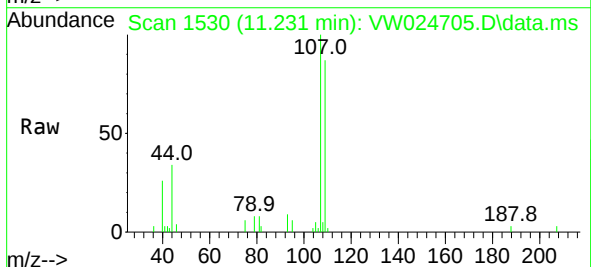
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

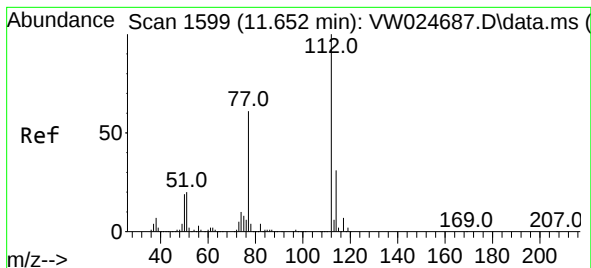
Tgt Ion:129 Resp: 5118
Ion Ratio Lower Upper
129 100
127 78.8 52.4 97.4



#50
1,2-Dibromoethane
Concen: 0.899 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW024705.D
Acq: 03 Oct 2022 11:59

Tgt Ion:107 Resp: 5097
Ion Ratio Lower Upper
107 100
109 87.3 65.5 121.7
188 2.7 2.4 3.6

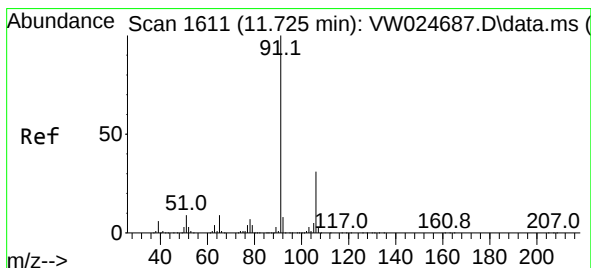
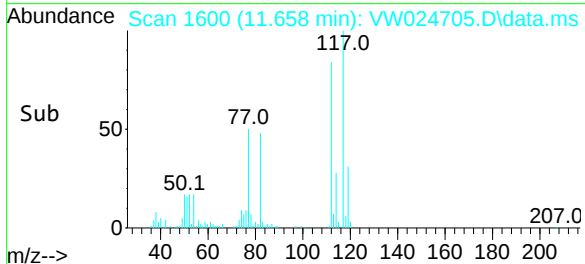
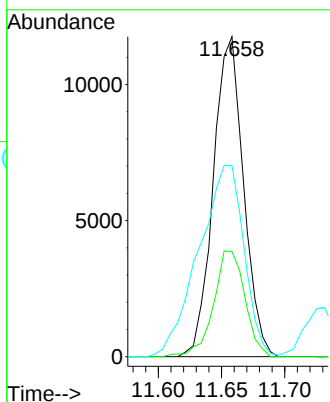
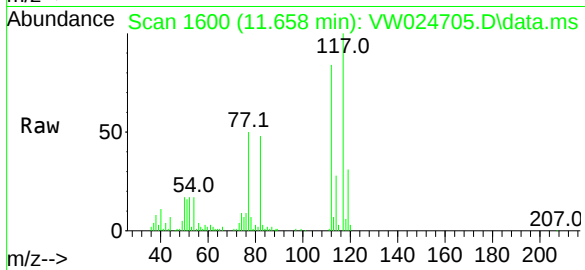




#51
Chlorobenzene
Concen: 0.871 ug/L
RT: 11.658 min Scan# 11600
Delta R.T. 0.006 min
Lab File: VW024705.D
Acq: 03 Oct 2022 11:59

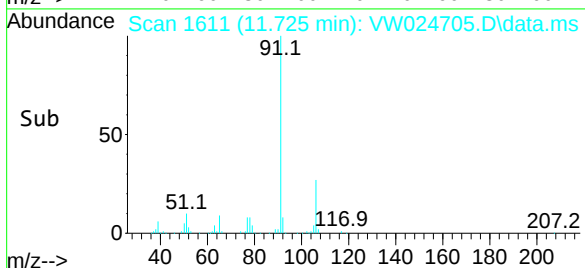
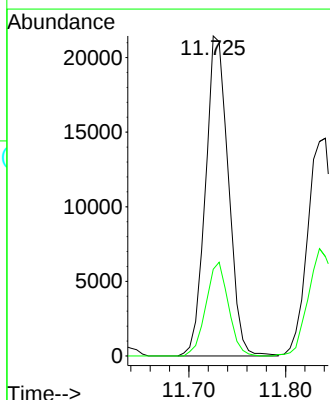
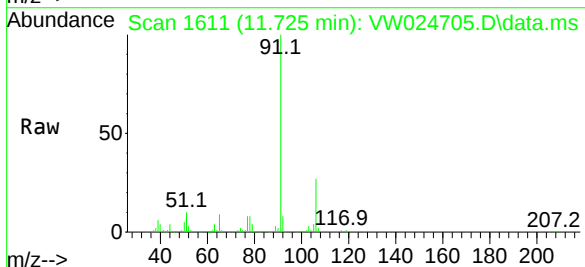
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

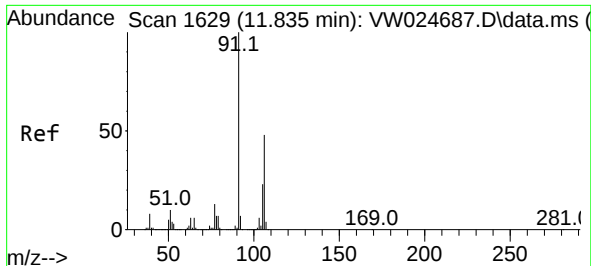
Tgt Ion:112 Resp: 19571
Ion Ratio Lower Upper
112 100
114 32.8 23.3 43.3
77 59.7 49.1 73.7



#52
Ethylbenzene
Concen: 0.875 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW024705.D
Acq: 03 Oct 2022 11:59

Tgt Ion: 91 Resp: 35380
Ion Ratio Lower Upper
91 100
106 27.1 21.5 39.9

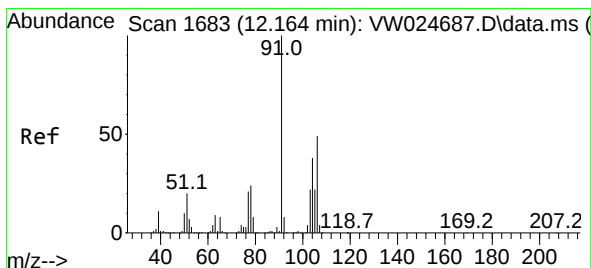
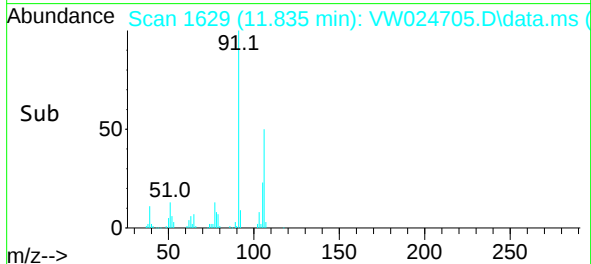
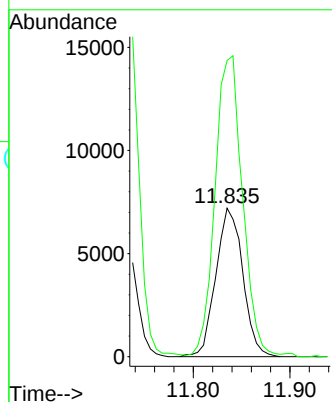
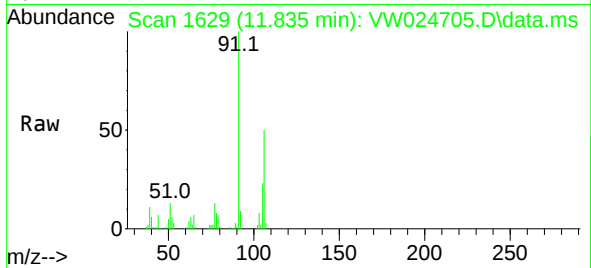




#53
m,p-Xylene
Concen: 0.883 ug/L
RT: 11.835 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024705.D
Acq: 03 Oct 2022 11:59

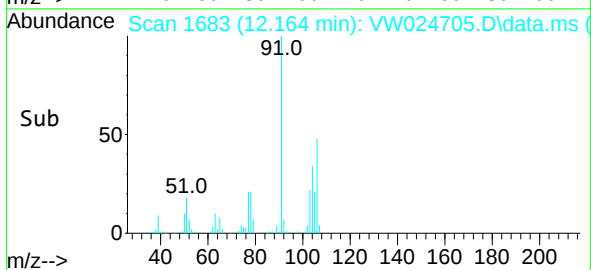
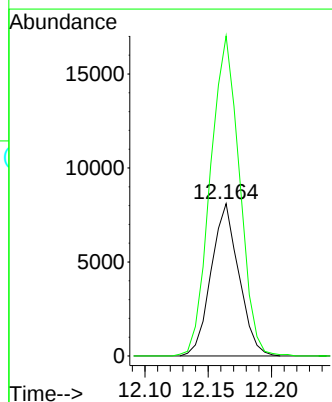
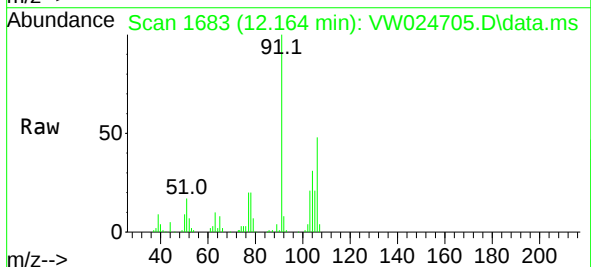
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

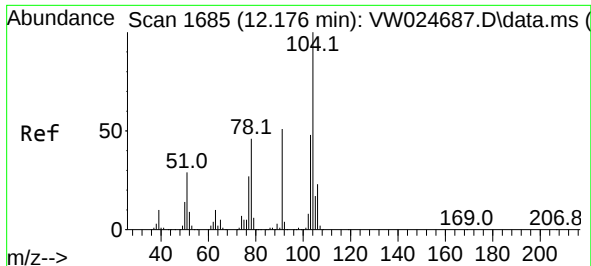
Tgt Ion:106 Resp: 13940
Ion Ratio Lower Upper
106 100
91 199.6 146.8 272.6



#54
o-Xylene
Concen: 0.827 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024705.D
Acq: 03 Oct 2022 11:59

Tgt Ion:106 Resp: 12332
Ion Ratio Lower Upper
106 100
91 210.0 146.3 271.7

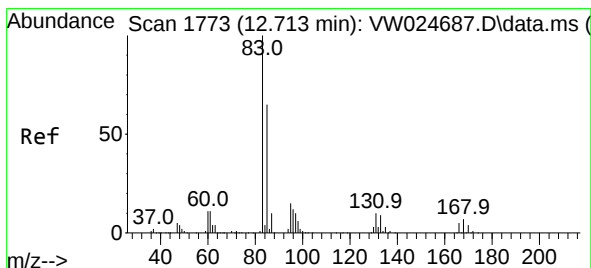
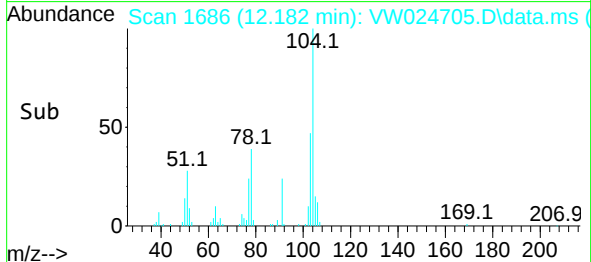
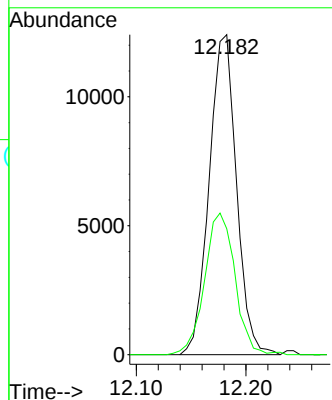
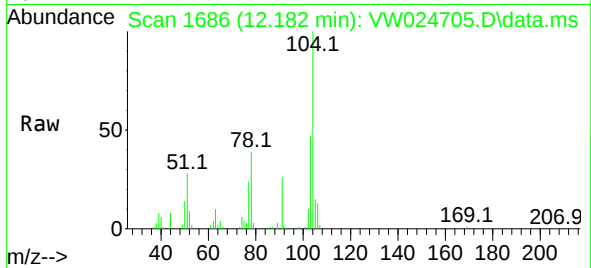




#55
Styrene
Concen: 0.857 ug/L
RT: 12.182 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW024705.D
Acq: 03 Oct 2022 11:59

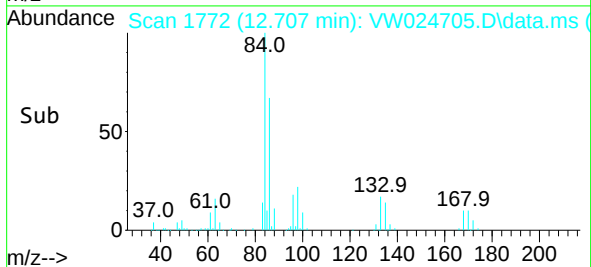
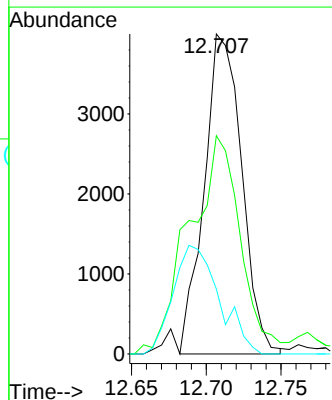
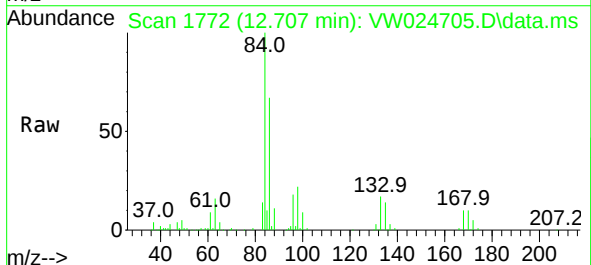
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

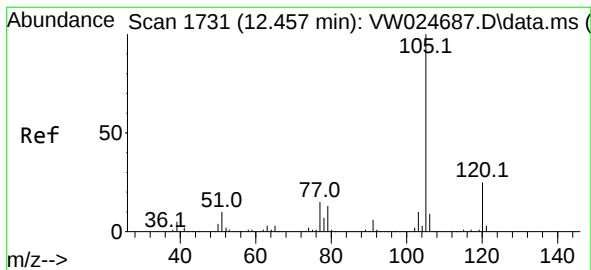
Tgt Ion:104 Resp: 21522
Ion Ratio Lower Upper
104 100
78 39.3 33.5 62.1



#57
1,1,2,2-Tetrachloroethane
Concen: 0.996 ug/L
RT: 12.707 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VW024705.D
Acq: 03 Oct 2022 11:59

Tgt Ion: 83 Resp: 6985
Ion Ratio Lower Upper
83 100
85 68.2 45.2 84.0
131 20.3 7.3 10.9#





#60

Isopropylbenzene

Concen: 0.874 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW024705.D

Acq: 03 Oct 2022 11:59

Instrument :

MSVOA_W

ClientSampleId :

MDL 1 PPB

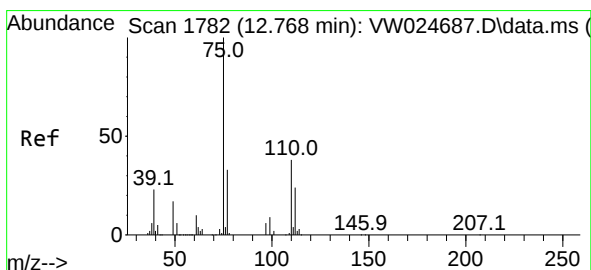
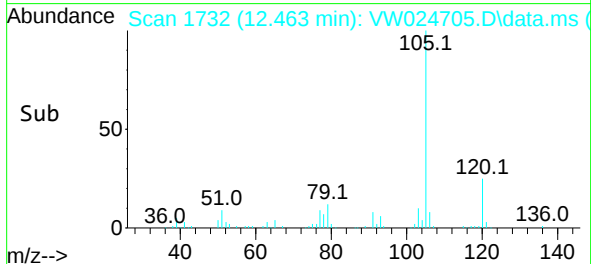
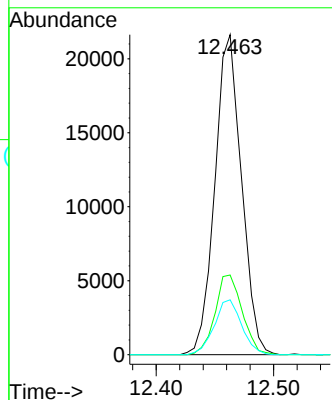
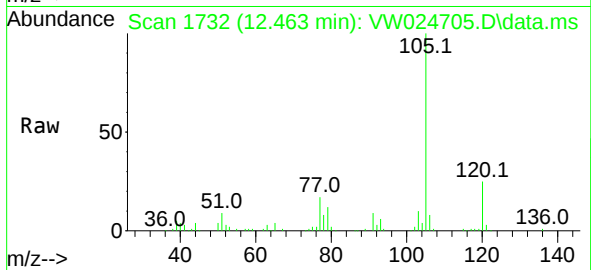
Tgt Ion:105 Resp: 34087

Ion Ratio Lower Upper

105 100

120 25.4 20.9 31.3

77 17.7 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 0.960 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW024705.D

Acq: 03 Oct 2022 11:59

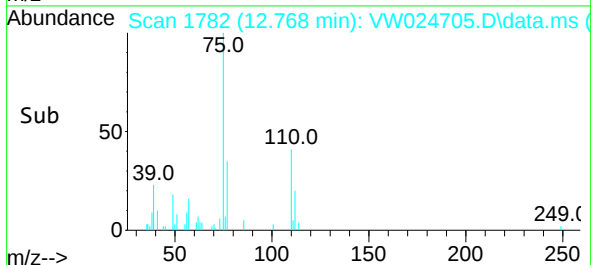
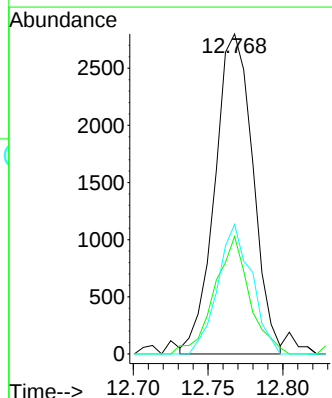
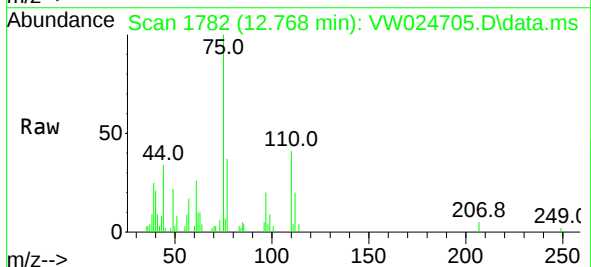
Tgt Ion: 75 Resp: 4947

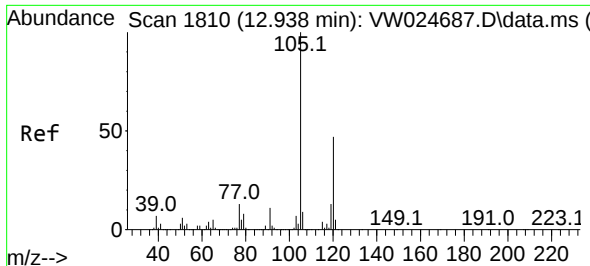
Ion Ratio Lower Upper

75 100

77 33.9 25.8 38.6

110 36.3 29.2 43.8





#62

1,3,5-Trimethylbenzene

Concen: 0.856 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW024705.D

Acq: 03 Oct 2022 11:59

Instrument :

MSVOA_W

ClientSampleId :

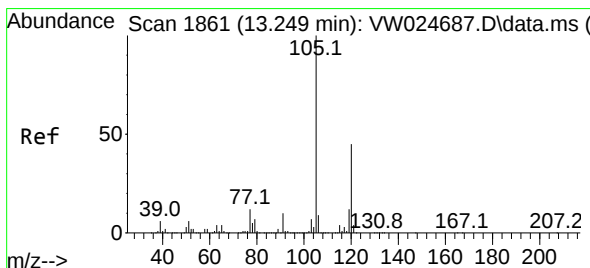
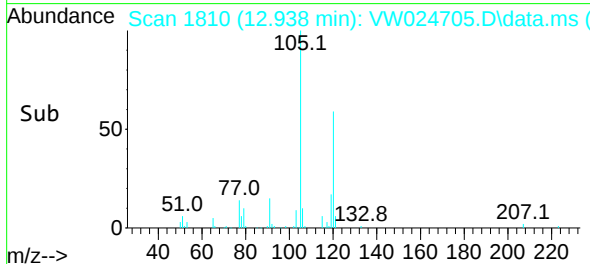
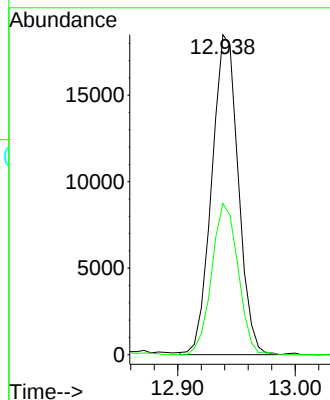
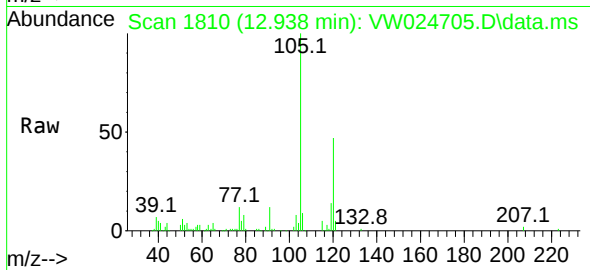
MDL 1 PPB

Tgt Ion:105 Resp: 29010

Ion Ratio Lower Upper

105 100

120 46.6 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 0.896 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW024705.D

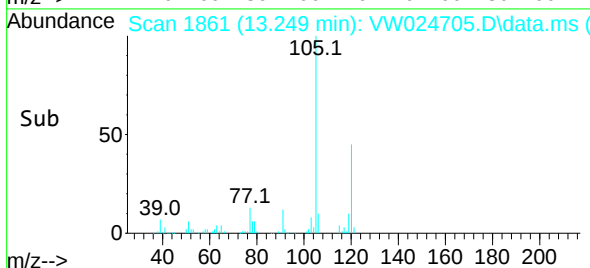
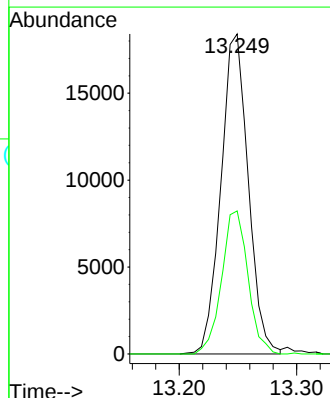
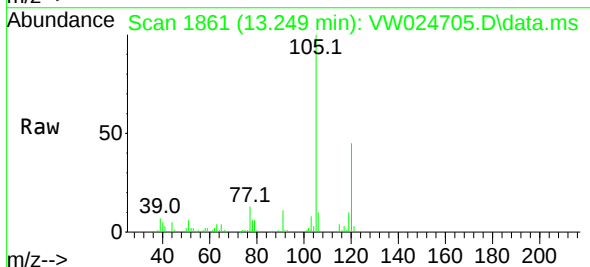
Acq: 03 Oct 2022 11:59

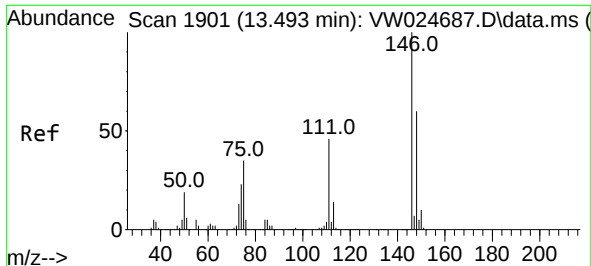
Tgt Ion:105 Resp: 29762

Ion Ratio Lower Upper

105 100

120 43.1 35.2 52.8

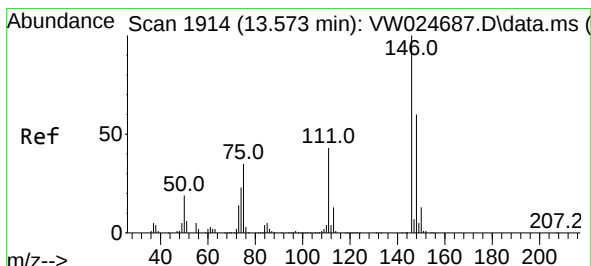
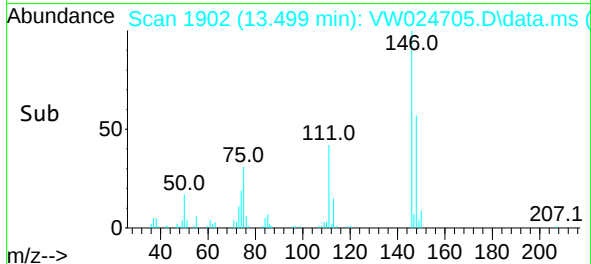
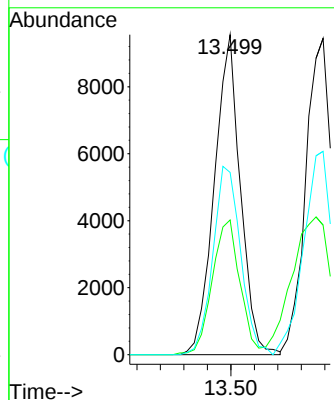
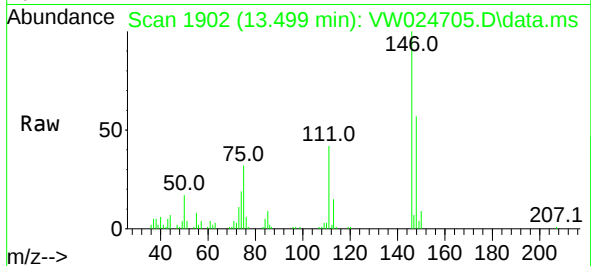




#64
1,3-Dichlorobenzene
Concen: 0.928 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW024705.D
Acq: 03 Oct 2022 11:59

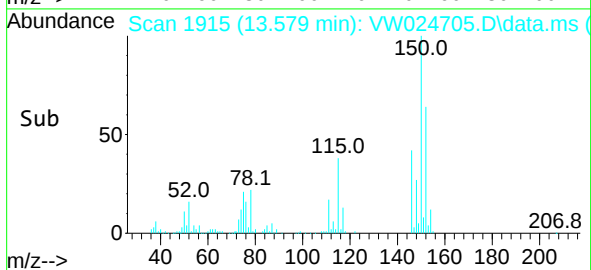
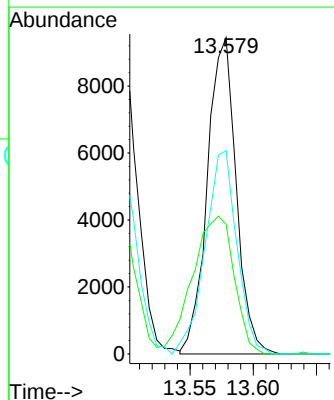
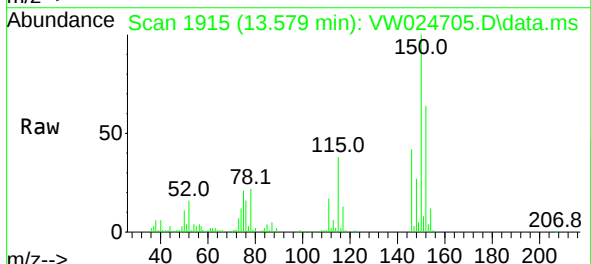
Instrument :
MSVOA_W
ClientSampleId :
MDL 1 PPB

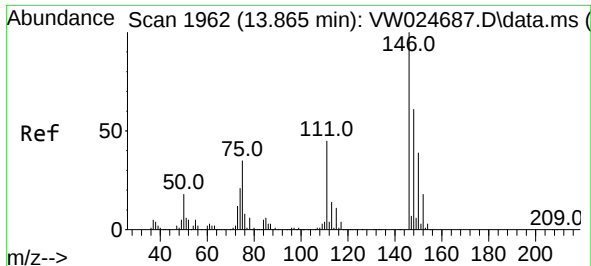
Tgt Ion:146 Resp: 14700
Ion Ratio Lower Upper
146 100
111 42.1 31.6 58.6
148 57.0 38.1 70.9



#65
1,4-Dichlorobenzene
Concen: 0.970 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024705.D
Acq: 03 Oct 2022 11:59

Tgt Ion:146 Resp: 14972
Ion Ratio Lower Upper
146 100
111 41.0 29.4 54.6
148 64.3 39.6 73.6





#67

1,2-Dichlorobenzene

Concen: 0.972 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024705.D

Acq: 03 Oct 2022 11:59

Instrument :

MSVOA_W

ClientSampleId :

MDL 1 PPB

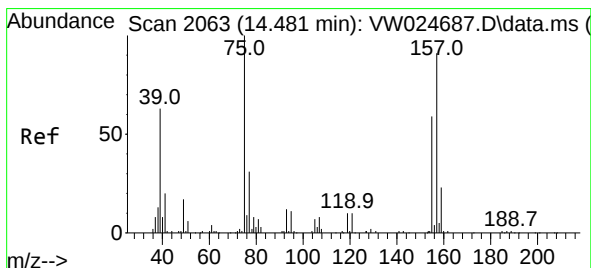
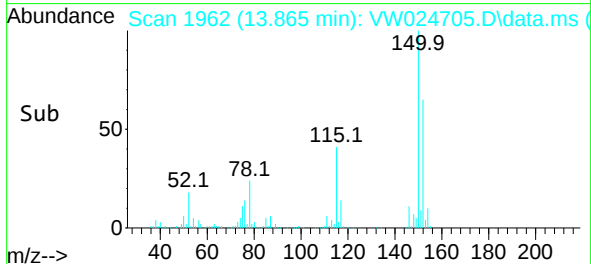
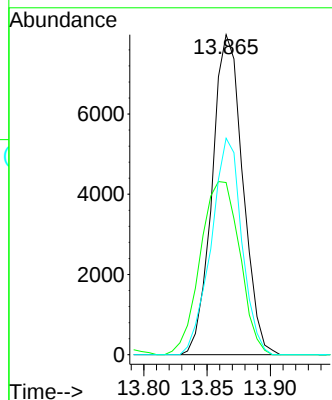
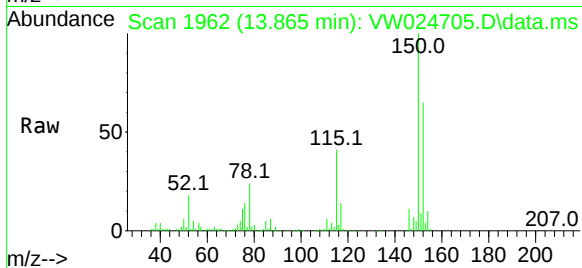
Tgt Ion:146 Resp: 13421

Ion Ratio Lower Upper

146 100

111 53.8 37.2 55.8

148 67.6 53.0 79.6



#68

1,2-Dibromo-3-chloropropane

Concen: 1.904 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.140 min

Lab File: VW024705.D

Acq: 03 Oct 2022 11:59

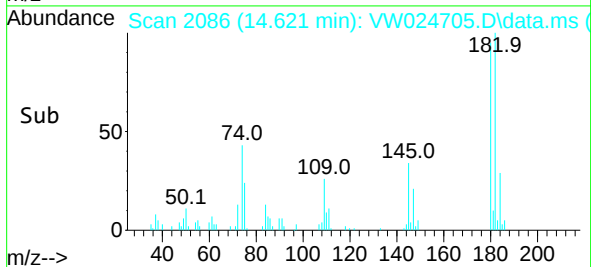
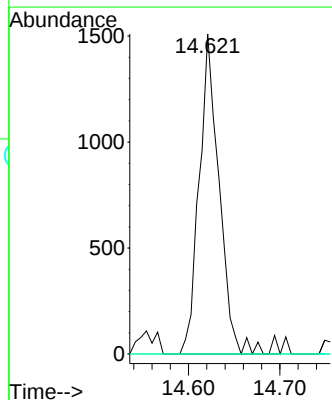
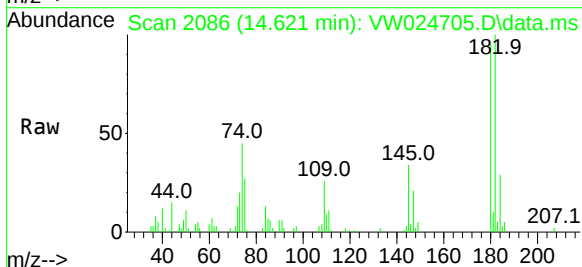
Tgt Ion: 75 Resp: 2321

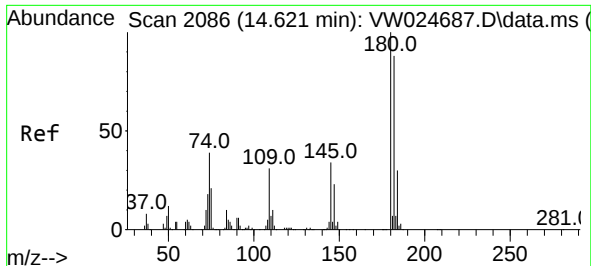
Ion Ratio Lower Upper

75 100

155 0.0 57.6 86.4#

157 0.0 73.0 109.6#





#69

1,3,5-Trichlorobenzene

Concen: 0.963 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW024705.D

Acq: 03 Oct 2022 11:59

Instrument :

MSVOA_W

ClientSampleId :

MDL 1 PPB

Tgt Ion:180 Resp: 10137

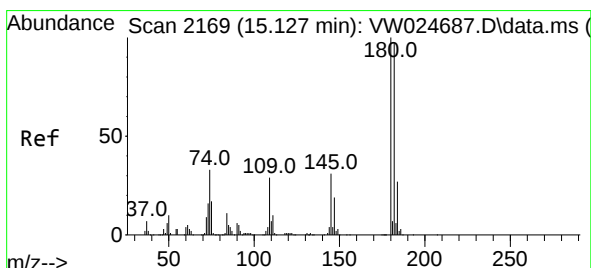
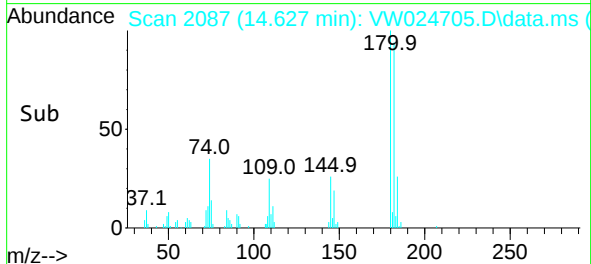
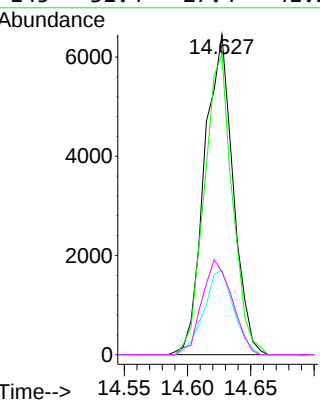
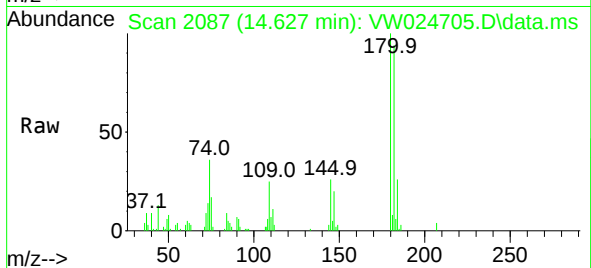
Ion Ratio Lower Upper

180 100

182 91.9 77.1 115.7

184 27.6 23.3 34.9

145 31.4 27.4 41.2



#70

1,2,4-trichlorobenzene

Concen: 0.880 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW024705.D

Acq: 03 Oct 2022 11:59

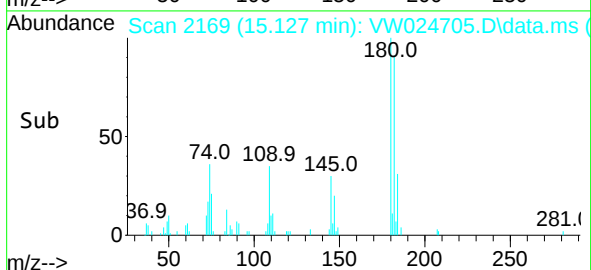
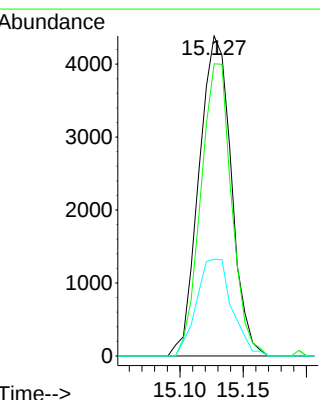
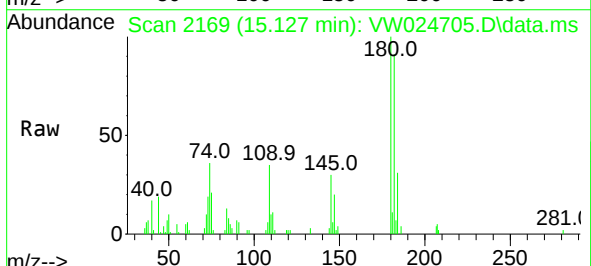
Tgt Ion:180 Resp: 7781

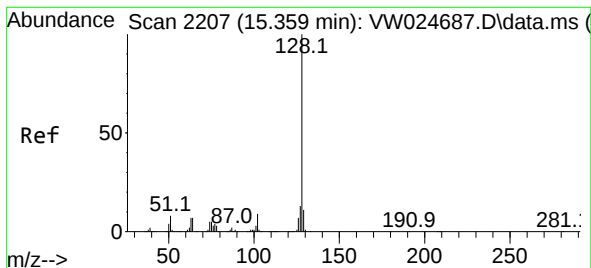
Ion Ratio Lower Upper

180 100

182 86.9 76.8 115.2

145 33.0 29.0 43.4





#71

Naphthalene

Concen: 0.753 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW024705.D

Acq: 03 Oct 2022 11:59

Instrument :

MSVOA_W

ClientSampleId :

MDL 1 PPB

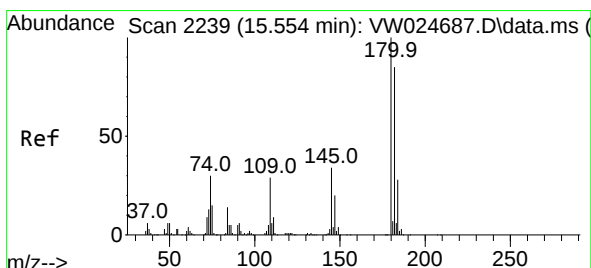
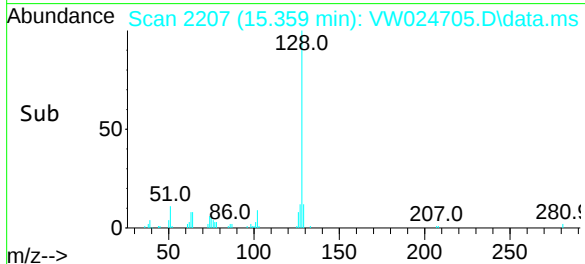
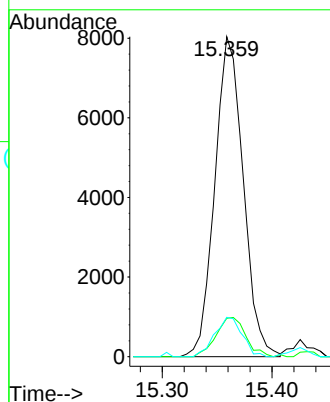
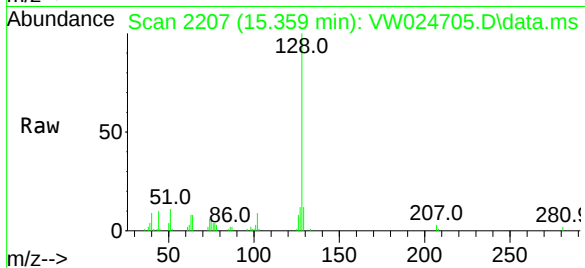
Tgt Ion:128 Resp: 14492

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.9 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 0.860 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. -0.000 min

Lab File: VW024705.D

Acq: 03 Oct 2022 11:59

Tgt Ion:180 Resp: 6474

Ion Ratio Lower Upper

180 100

182 94.9 77.4 116.2

145 40.1 30.6 45.8

