

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091222\
 Data File : VW024604.D
 Acq On : 12 Sep 2022 13:50
 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. PBB

Quant Time: Sep 13 02:53:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 13 02:43:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	205744	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	217013	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	97043	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	140245	33.016	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	132.080%
7) Chloroethane-d5	2.873	69	107964	34.182	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	136.720%
11) 1,1-Dichloroethene-d2	4.007	63	72138	16.096	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.400%
21) 2-Butanone-d5	7.080	46	35041	51.136	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.280%
24) Chloroform-d	7.647	84	118319	22.580	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.320%
26) 1,2-Dichloroethane-d4	8.305	65	76639	25.940	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.760%
32) Benzene-d6	8.275	84	230607	21.603	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	9.274	67	67914	21.578	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.320%
41) Toluene-d8	10.323	98	226137	21.730	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.920%
43) trans-1,3-Dichloroprop...	10.579	79	29346	20.806	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.240%
47) 2-Hexanone-d5	10.927	63	27694	47.871	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.740%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	63589	21.080	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	69391	22.576	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.320%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	1612m	1.636	ug/L	
5) Vinyl chloride	2.349	62	8442m	1.634	ug/L	
6) Bromomethane	2.769	94	5768m	1.713	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	3993m	1.451	ug/L	
12) 1,1-Dichloroethene	4.031	96	3240m	1.377	ug/L	
13) Acetone	4.135	43	2468m	4.233	ug/L	
14) Carbon disulfide	4.367	76	6606	1.061	ug/L #	77
17) trans-1,2-Dichloroethene	5.428	96	2863m	1.063	ug/L	
18) Methyl tert-butyl Ether	5.428	73	4631m	0.965	ug/L	
19) 1,1-Dichloroethane	6.214	63	5019	1.024	ug/L #	80
20) cis-1,2-Dichloroethene	7.165	96	3048m	1.008	ug/L	
22) 2-Butanone	7.183	43	2719m	2.883	ug/L	
23) Bromochloromethane	7.519	128	1512m	1.092	ug/L	
25) Chloroform	7.671	83	5702	1.047	ug/L	83
27) 1,2-Dichloroethane	8.403	62	4404	1.203	ug/L	99
29) Cyclohexane	7.951	56	3218	0.766	ug/L #	94
30) 1,1,1-Trichloroethane	7.878	97	4427	0.930	ug/L #	73
31) Carbon tetrachloride	8.067	117	3881	0.893	ug/L	94
33) Benzene	8.323	78	13665m	1.109	ug/L	

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 MDL 1. PBB

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 Quant Title : SFAM01.0
 QLast Update : Tue Sep 13 02:43:10 2022
 Response via : Initial Calibration

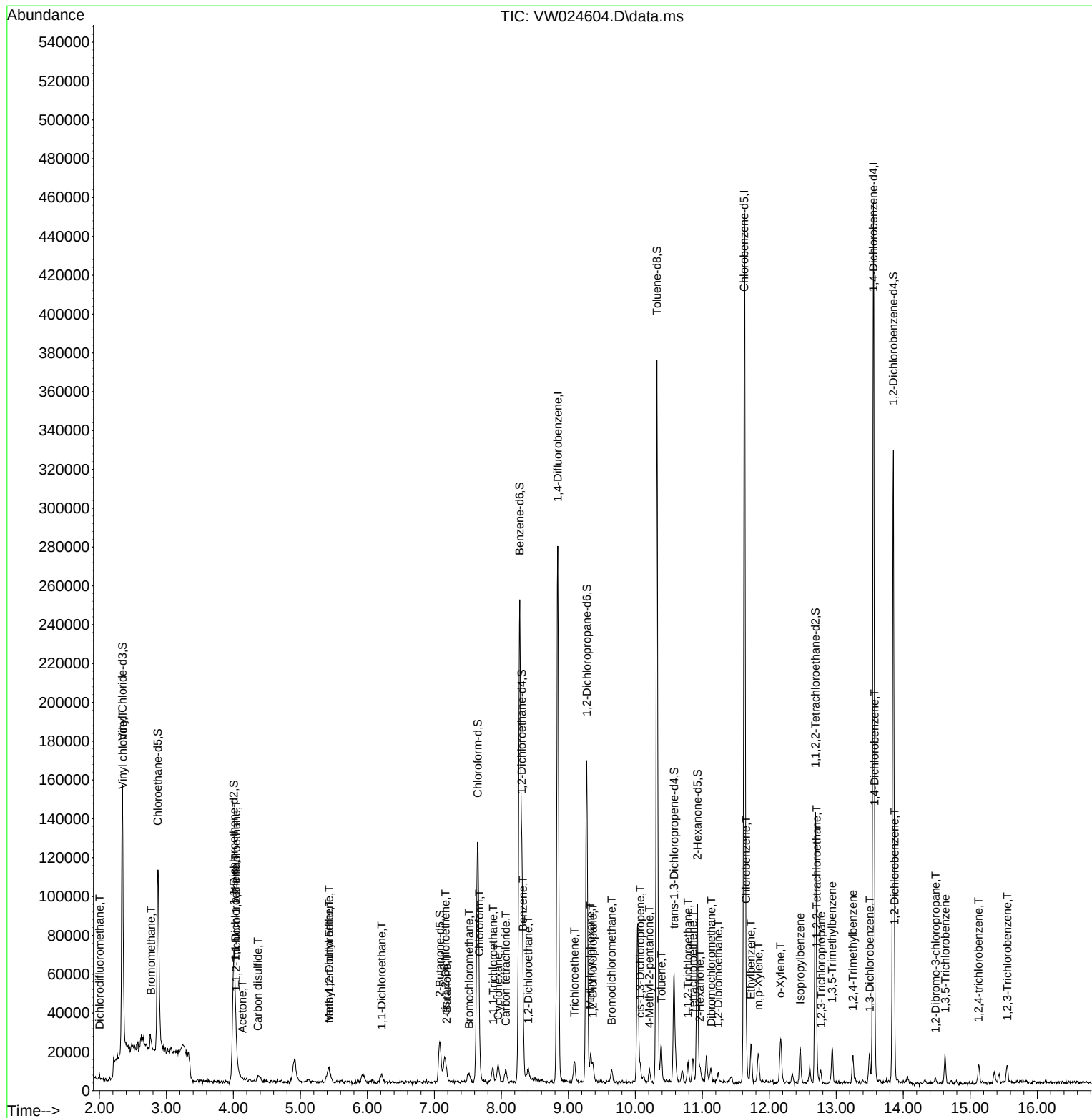
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	9.092	95	3166	0.984	ug/L	96
35) Methylcyclohexane	9.329	83	4519	0.878	ug/L	91
37) 1,2-Dichloropropane	9.366	63	3097	1.007	ug/L #	95
38) Bromodichloromethane	9.646	83	4048	0.931	ug/L #	95
39) cis-1,3-Dichloropropene	10.073	75	4223	0.939	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	3706	1.826	ug/L	96
42) Toluene	10.390	91	12787	0.942	ug/L	91
45) 1,1,2-Trichloroethane	10.786	97	2655	1.033	ug/L	97
46) Tetrachloroethene	10.860	164	2470	1.042	ug/L	83
48) 2-Hexanone	10.963	43	3422	2.459	ug/L #	87
49) Dibromochloromethane	11.134	129	2898	0.964	ug/L	78
50) 1,2-Dibromoethane	11.237	107	2360	0.946	ug/L	94
51) Chlorobenzene	11.652	112	8656	0.923	ug/L #	82
52) Ethylbenzene	11.725	91	12448	0.807	ug/L	97
53) m,p-Xylene	11.841	106	4649	0.772	ug/L	97
54) o-Xylene	12.164	106	4070	0.710	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.707	83	3262	1.002	ug/L #	72
60) Isopropylbenzene	12.463	105	9193	0.700	ug/L	96
61) 1,2,3-Trichloropropane	12.774	75	2090	1.041	ug/L #	83
62) 1,3,5-Trimethylbenzene	12.938	105	7688	0.705	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	6736	0.620	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	4756	0.803	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	6061	0.971	ug/L	92
67) 1,2-Dichlorobenzene	13.871	146	5876	1.064	ug/L #	89
68) 1,2-Dibromo-3-chloropr...	14.481	75	701m	1.476	ug/L	
69) 1,3,5-Trichlorobenzene	14.627	180	3342	0.869	ug/L	94
70) 1,2,4-trichlorobenzene	15.121	180	2277	0.746	ug/L #	83
72) 1,2,3-Trichlorobenzene	15.554	180	2307	0.813	ug/L	89

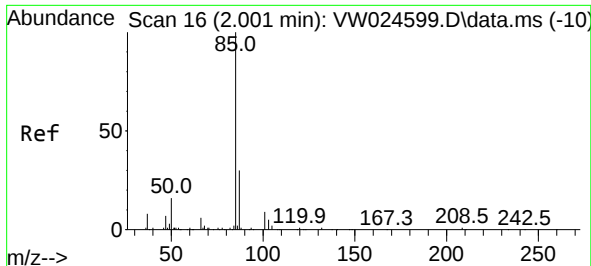
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Quant Title : SFAM01.0
QLast Update : Tue Sep 13 02:43:10 2022
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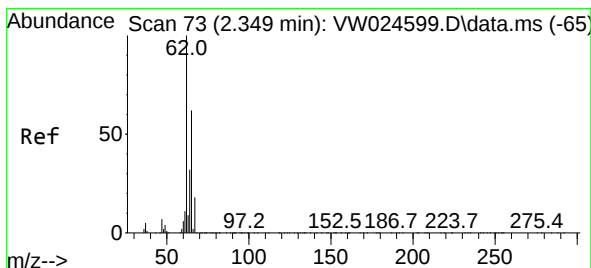
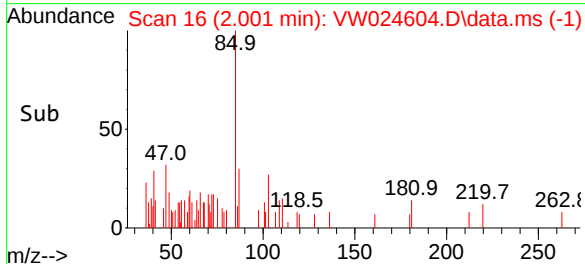
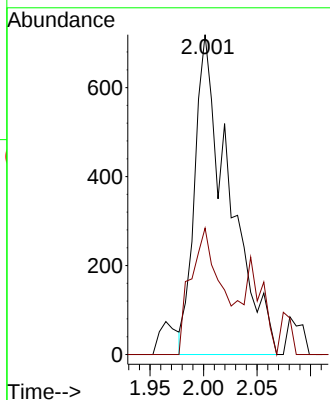
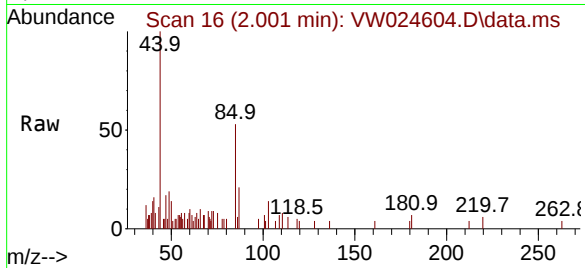




#2
Dichlorodifluoromethane
Concen: 1.636 ug/L m
RT: 2.001 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

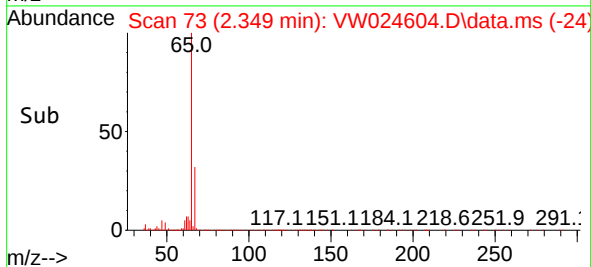
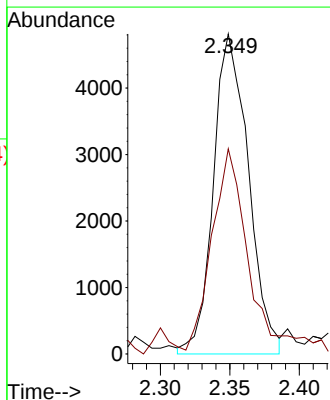
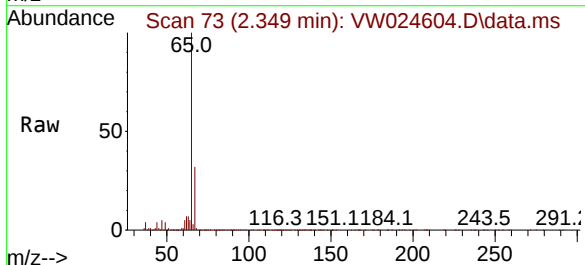
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PBB

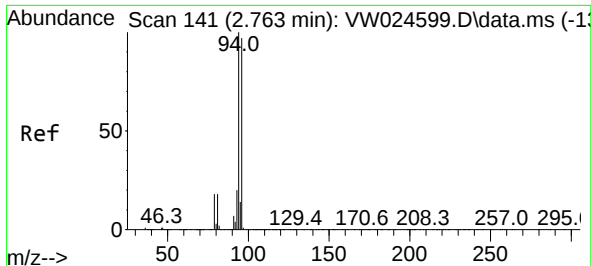
Tgt Ion: 85 Resp: 1612
Ion Ratio Lower Upper
85 100
87 3.1 24.2 36.2#



#5
Vinyl chloride
Concen: 1.634 ug/L m
RT: 2.349 min Scan# 73
Delta R.T. 0.000 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

Tgt Ion: 62 Resp: 8442
Ion Ratio Lower Upper
62 100
64 64.1 23.3 43.3#

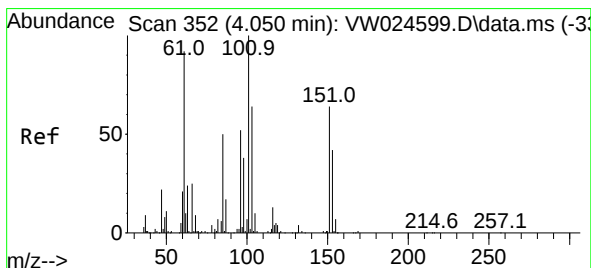
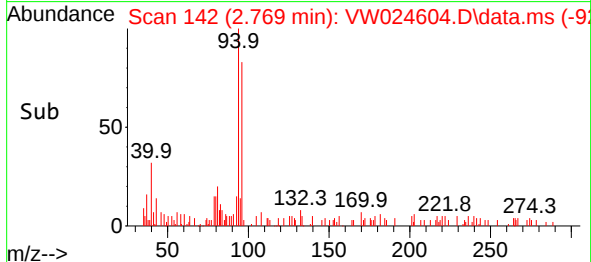
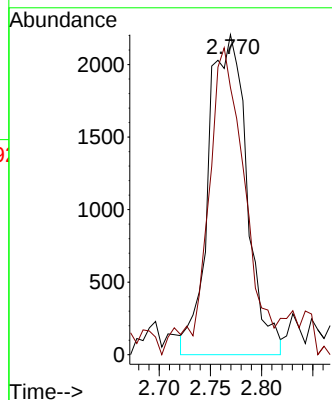
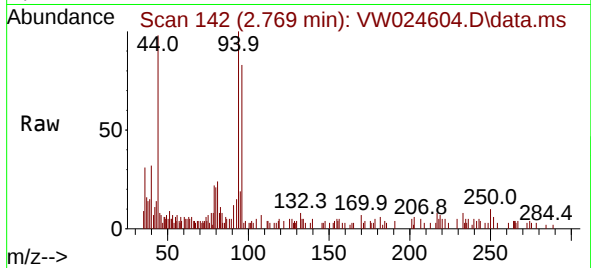




#6
Bromomethane
Concen: 1.713 ug/L m
RT: 2.769 min Scan# 141
Delta R.T. 0.006 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

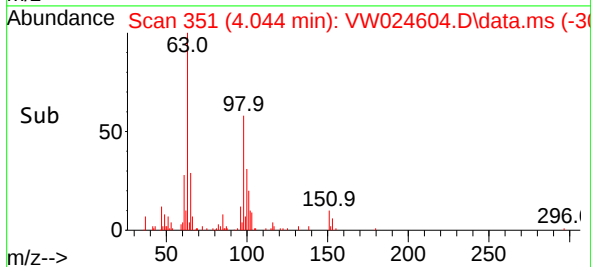
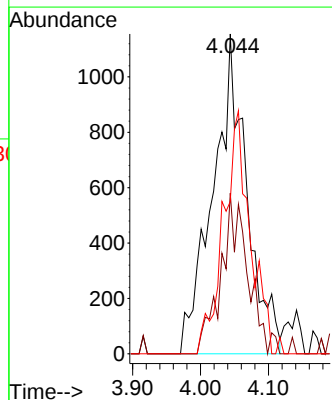
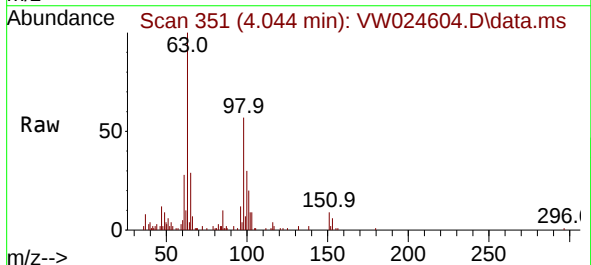
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PBB

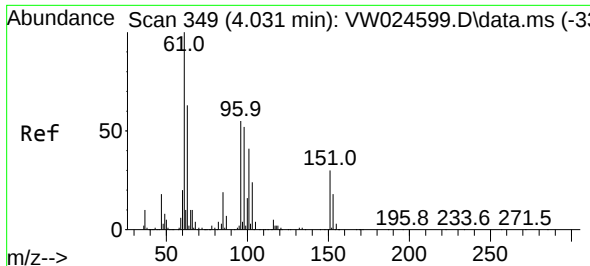
Tgt Ion: 94 Resp: 5768
Ion Ratio Lower Upper
94 100
96 83.5 69.8 129.6



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.451 ug/L m
RT: 4.044 min Scan# 351
Delta R.T. -0.006 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

Tgt Ion: 101 Resp: 3993
Ion Ratio Lower Upper
101 100
85 14.8 21.8 32.8#
151 0.0 53.9 80.9#

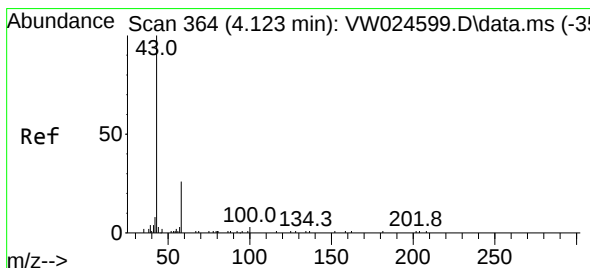
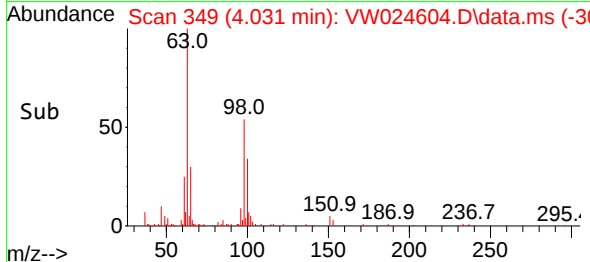
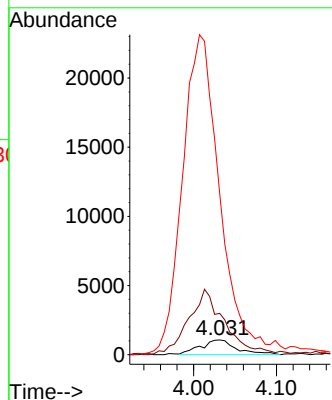
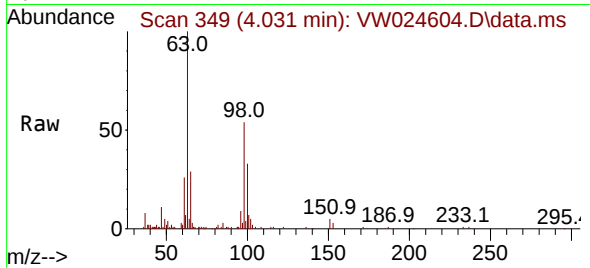




#12
1,1-Dichloroethene
Concen: 1.377 ug/L m
RT: 4.031 min Scan# 349
Delta R.T. 0.000 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

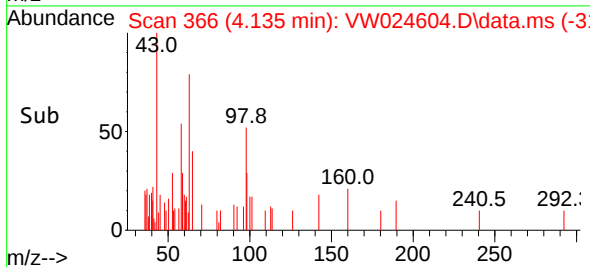
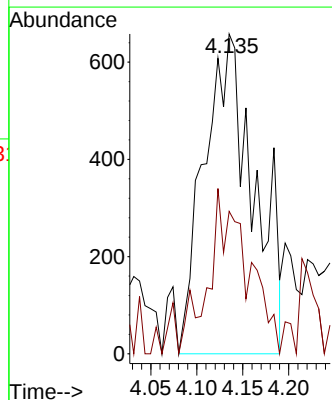
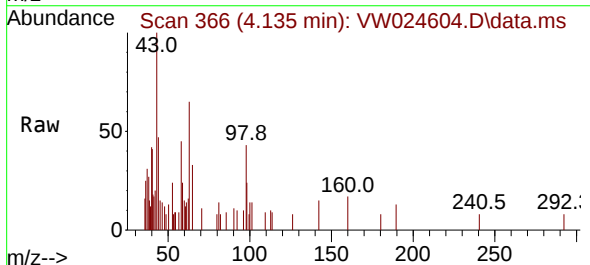
Instrument :
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ClientSampleId :
MDL 1. PBB

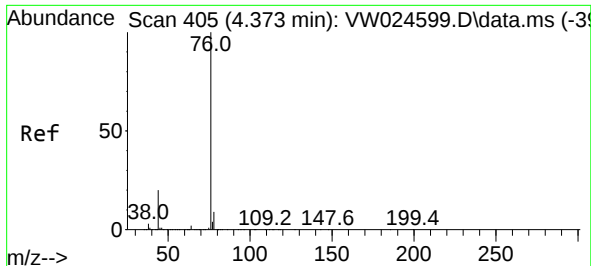
Tgt Ion: 96 Resp: 3240
Ion Ratio Lower Upper
96 100
61 281.0 119.8 222.6#
63 1095.6 89.6 166.4#



#13
Acetone
Concen: 4.233 ug/L m
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

Tgt Ion: 43 Resp: 2468
Ion Ratio Lower Upper
43 100
58 12.0 0.0 57.8

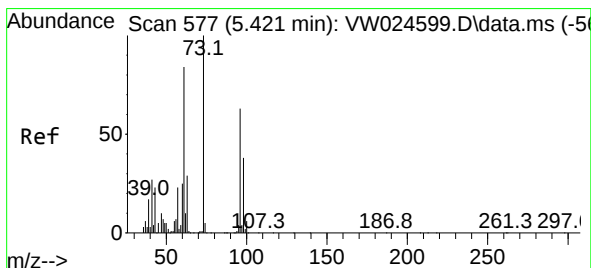
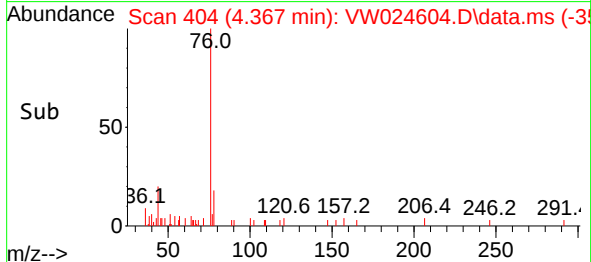
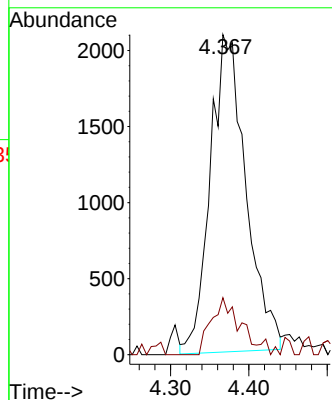
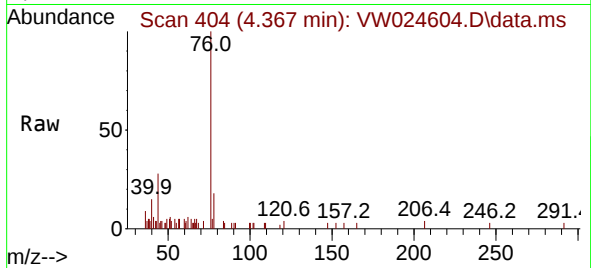




#14
Carbon disulfide
Concen: 1.061 ug/L
RT: 4.367 min Scan# 405
Delta R.T. -0.006 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

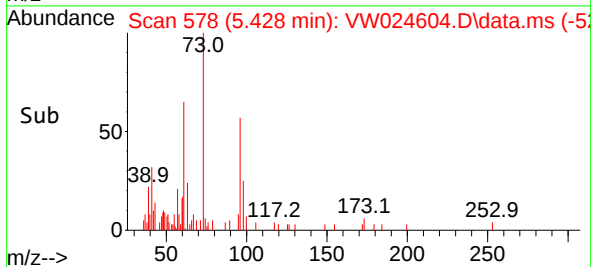
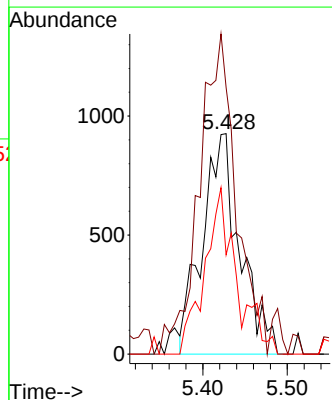
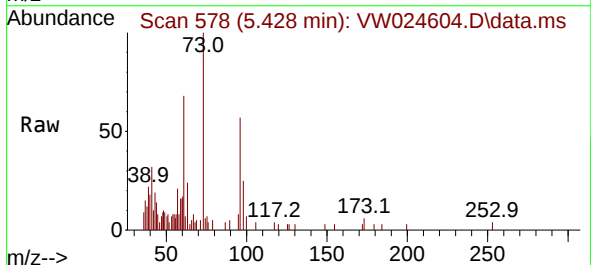
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ClientSampleId :
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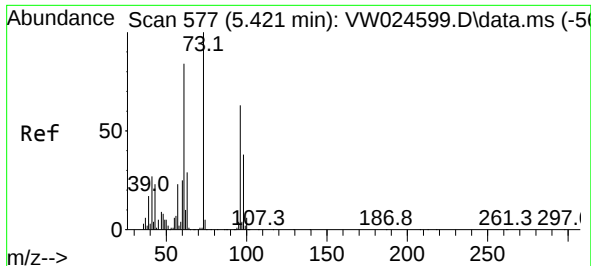
Tgt Ion: 76 Resp: 6606
Ion Ratio Lower Upper
76 100
78 17.8 7.5 11.3#



#17
trans-1,2-Dichloroethene
Concen: 1.063 ug/L m
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

Tgt Ion: 96 Resp: 2863
Ion Ratio Lower Upper
96 100
61 121.0 91.7 170.3
98 45.0 43.6 81.0

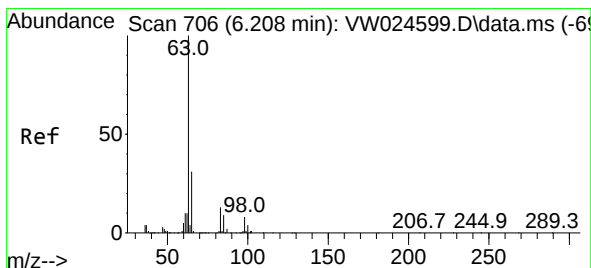
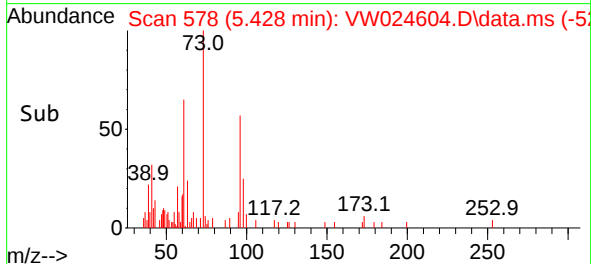
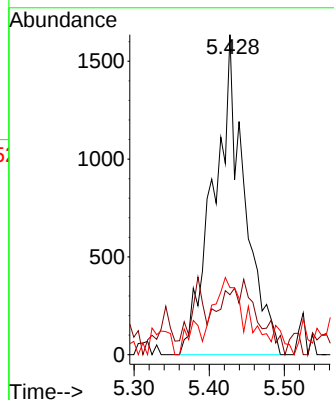
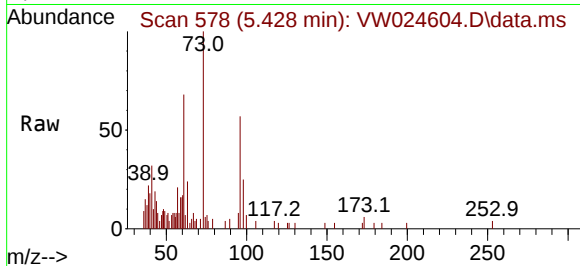




#18
Methyl tert-butyl Ether
Concen: 0.965 ug/L m
RT: 5.428 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

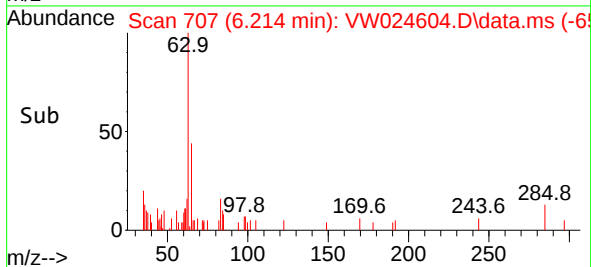
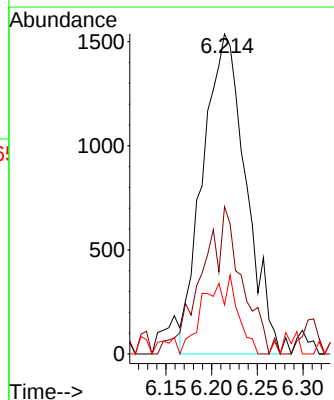
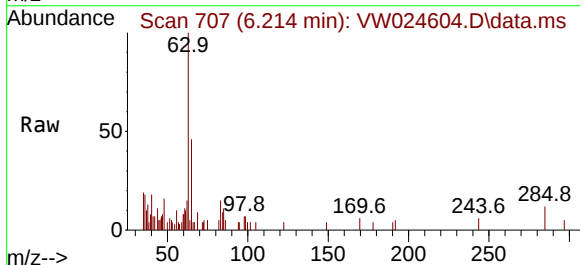
Instrument :
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ClientSampleId :
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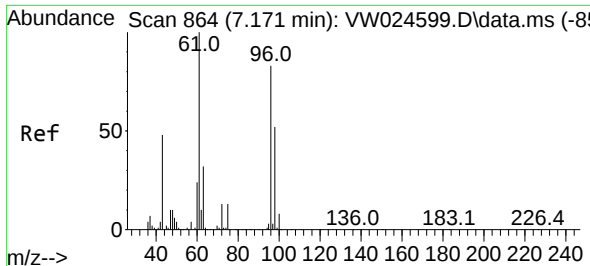
Tgt Ion: 73 Resp: 4631
Ion Ratio Lower Upper
73 100
43 10.1 16.7 25.1#
57 14.7 16.8 25.2#



#19
1,1-Dichloroethane
Concen: 1.024 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.006 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

Tgt Ion: 63 Resp: 5019
Ion Ratio Lower Upper
63 100
65 46.1 22.0 41.0#
83 15.3 9.5 17.7

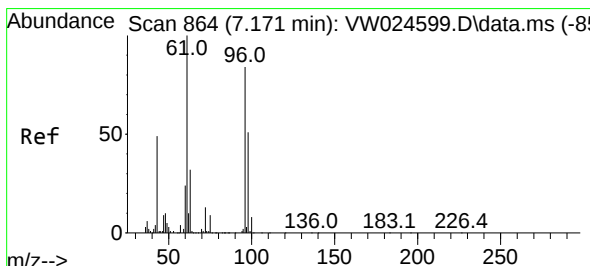
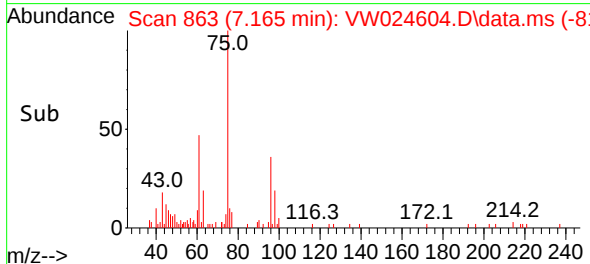
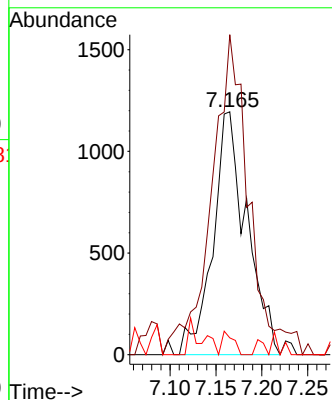
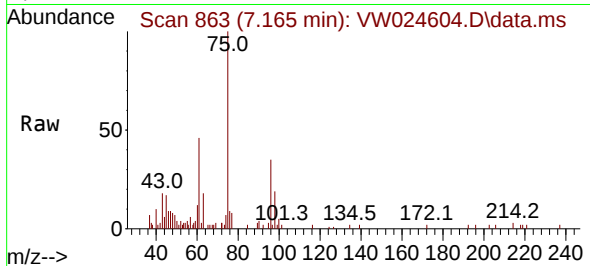




#20
 cis-1,2-Dichloroethene
 Concen: 1.008 ug/L m
 RT: 7.165 min Scan# 863
 Delta R.T. -0.006 min
 Lab File: VW024604.D
 Acq: 12 Sep 2022 13:50

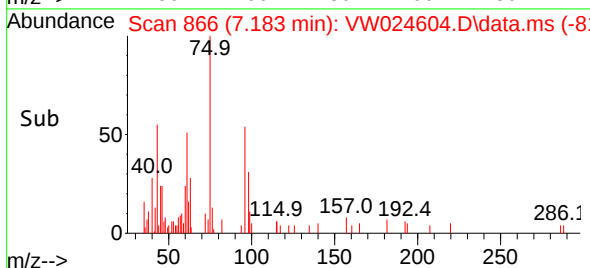
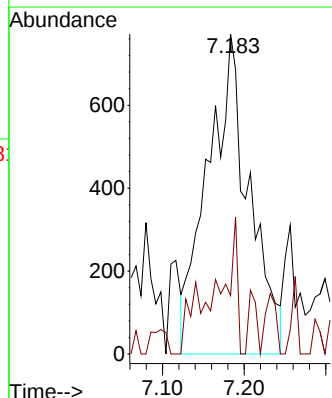
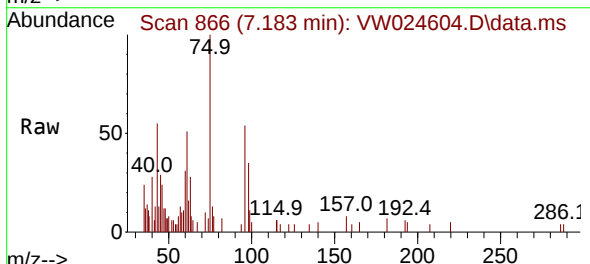
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL 1. PBB

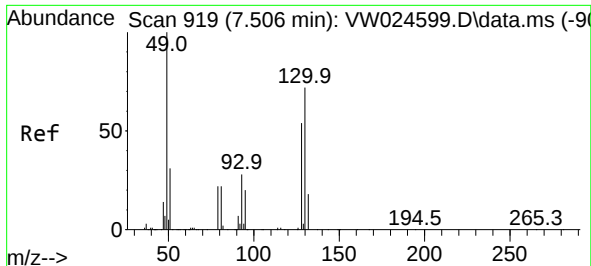
Tgt Ion: 96 Resp: 3048
 Ion Ratio Lower Upper
 96 100
 61 131.7 91.2 169.4
 68 6.9 0.0 0.0#



#22
 2-Butanone
 Concen: 2.883 ug/L m
 RT: 7.183 min Scan# 866
 Delta R.T. 0.012 min
 Lab File: VW024604.D
 Acq: 12 Sep 2022 13:50

Tgt Ion: 43 Resp: 2719
 Ion Ratio Lower Upper
 43 100
 72 8.5 15.4 46.4#

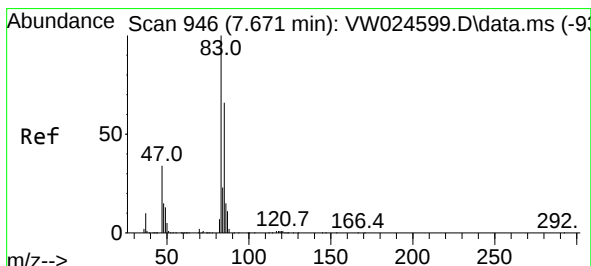
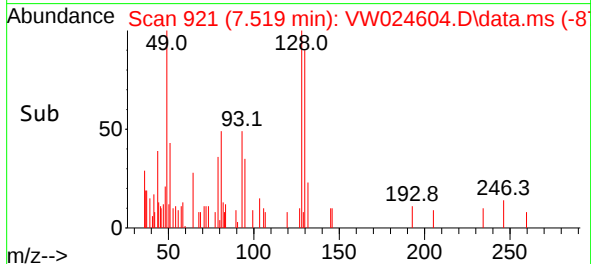
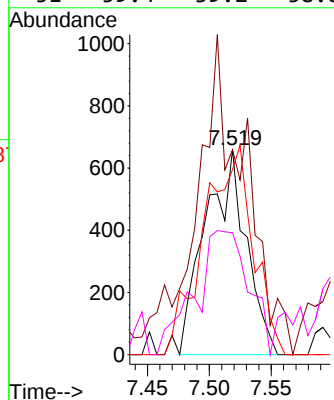
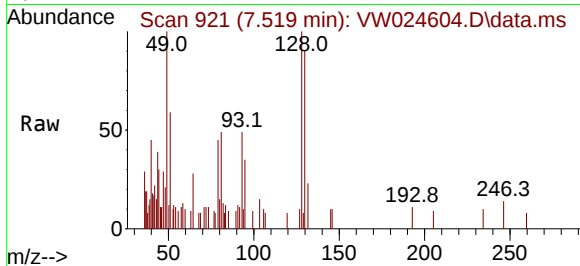




#23
Bromochloromethane
Concen: 1.092 ug/L m
RT: 7.519 min Scan# 919
Delta R.T. 0.012 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

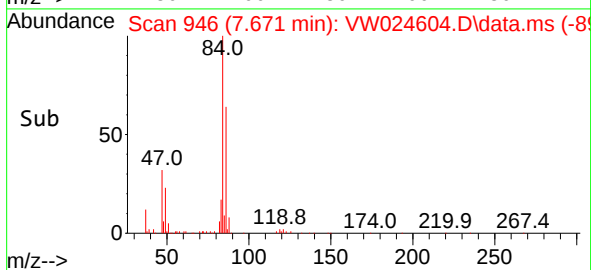
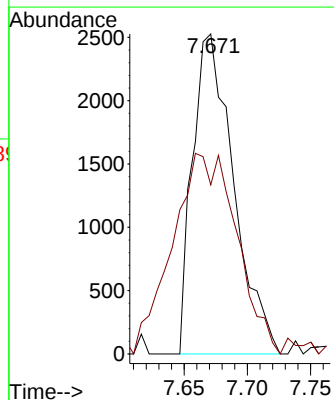
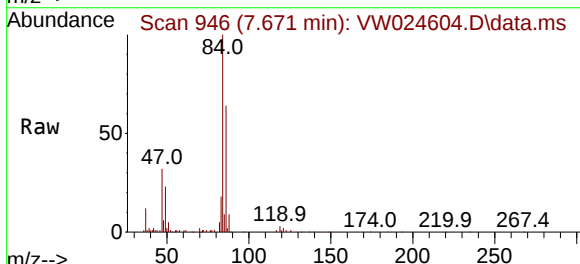
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PBB

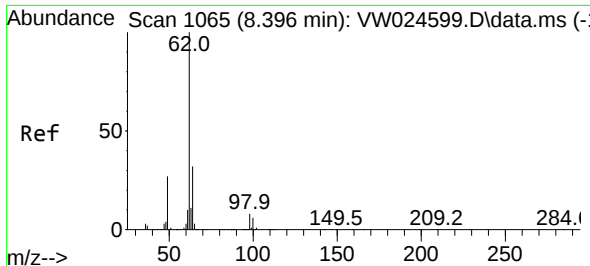
Tgt Ion:	128	Resp:	1512
Ion	Ratio	Lower	Upper
128	100		
49	99.8	110.0	204.2#
130	90.2	88.3	163.9
51	59.4	39.2	58.8#



#25
Chloroform
Concen: 1.047 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

Tgt Ion:	83	Resp:	5702
Ion	Ratio	Lower	Upper
83	100		
85	52.9	46.4	86.2





#27

1,2-Dichloroethane

Concen: 1.203 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW024604.D

Acq: 12 Sep 2022 13:50

Instrument :

MSVOA_W

ClientSampleId :

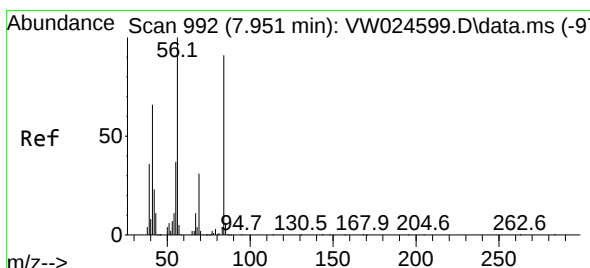
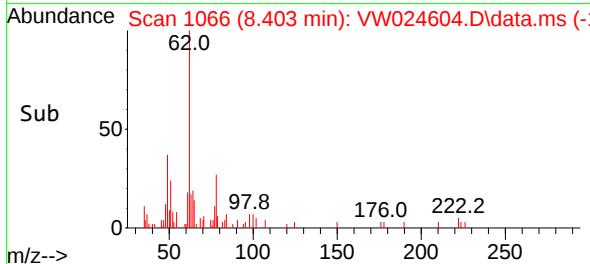
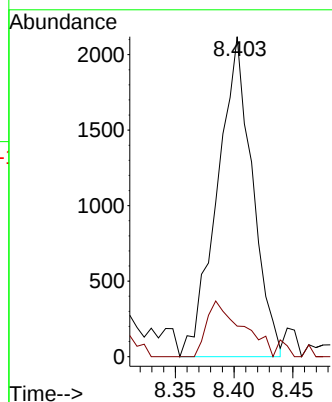
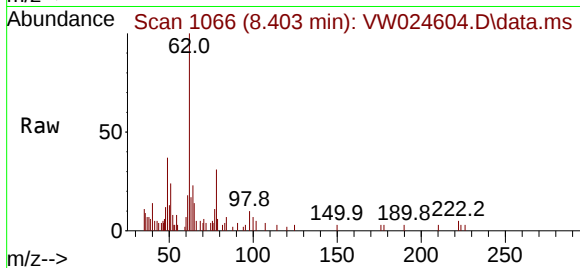
MDL 1. PBB

Tgt Ion: 62 Resp: 4404

Ion Ratio Lower Upper

62 100

98 9.5 7.4 11.0



#29

Cyclohexane

Concen: 0.766 ug/L

RT: 7.951 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW024604.D

Acq: 12 Sep 2022 13:50

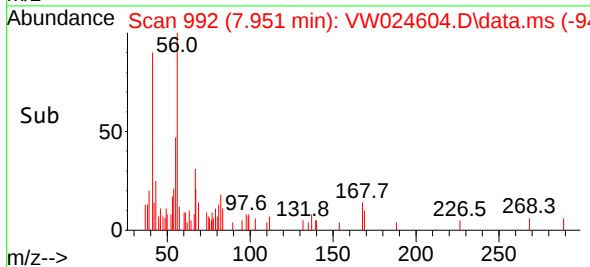
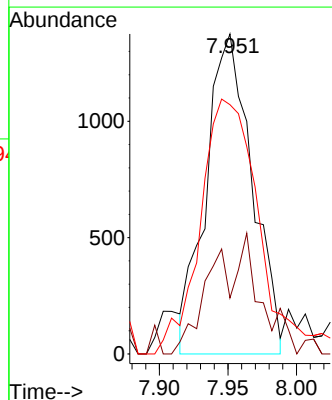
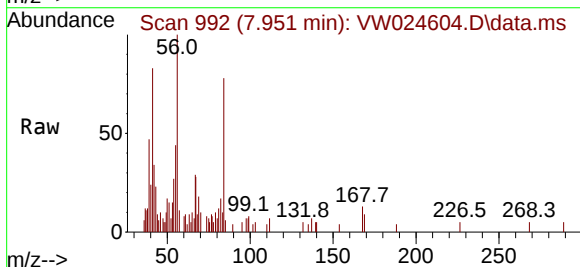
Tgt Ion: 56 Resp: 3218

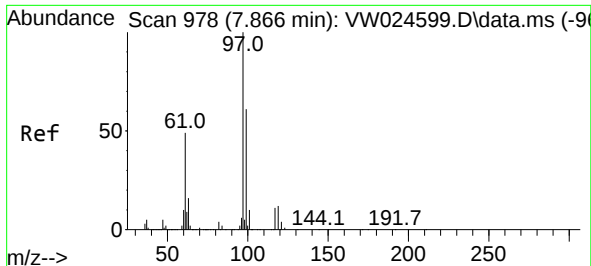
Ion Ratio Lower Upper

56 100

69 19.0 24.5 36.7#

84 95.2 75.7 113.5





#30

1,1,1-Trichloroethane

Concen: 0.930 ug/L

RT: 7.878 min Scan# 91

Delta R.T. 0.012 min

Lab File: VW024604.D

Acq: 12 Sep 2022 13:50

Instrument :

MSVOA_W

ClientSampleId :

MDL 1. PBB

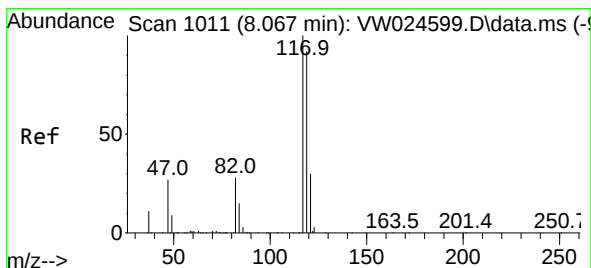
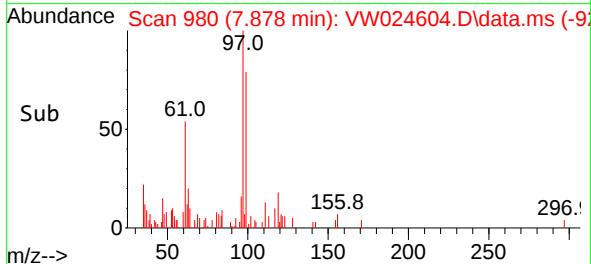
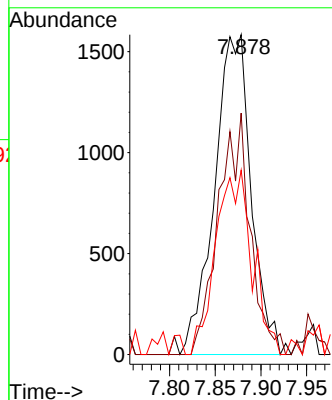
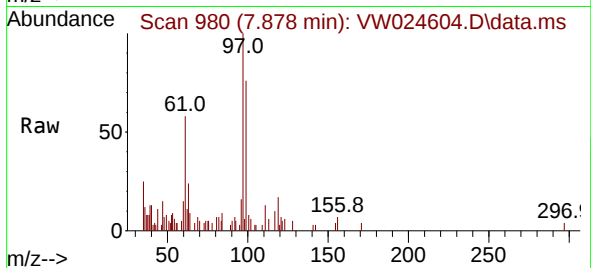
Tgt Ion: 97 Resp: 4427

Ion Ratio Lower Upper

97 100

99 38.9 51.5 77.3#

61 33.7 37.2 55.8#



#31

Carbon tetrachloride

Concen: 0.893 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW024604.D

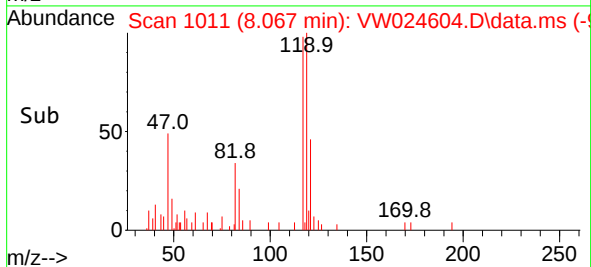
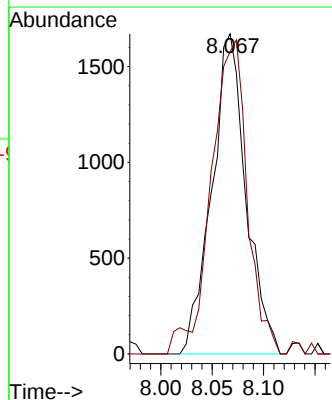
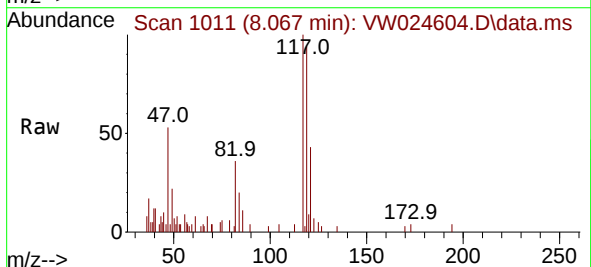
Acq: 12 Sep 2022 13:50

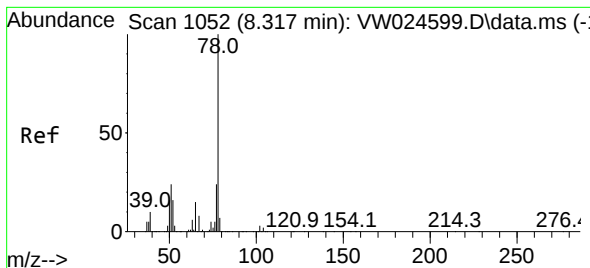
Tgt Ion: 117 Resp: 3881

Ion Ratio Lower Upper

117 100

119 98.5 74.4 111.6





#33

Benzene

Concen: 1.109 ug/L m

RT: 8.323 min Scan# 1053

Delta R.T. 0.006 min

Lab File: VW024604.D

Acq: 12 Sep 2022 13:50

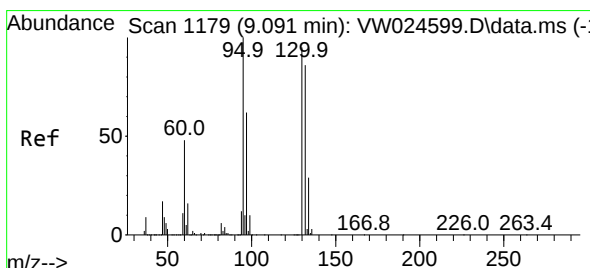
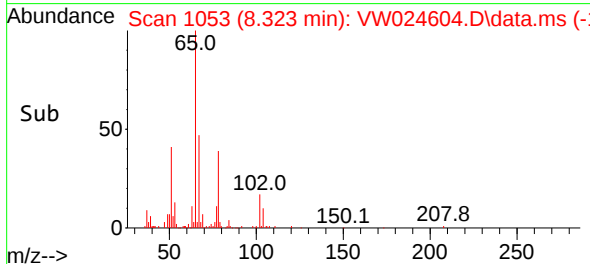
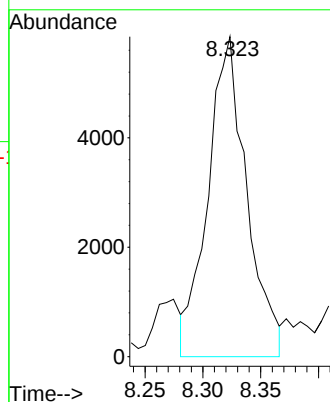
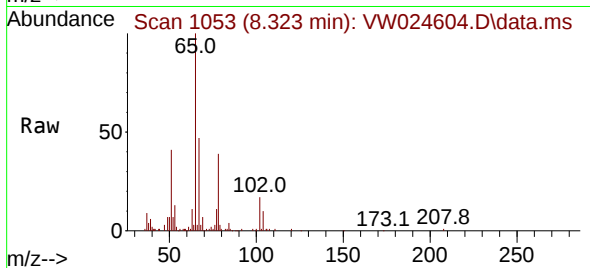
Instrument :

MSVOA_W

ClientSampleId :

MDL 1. PBB

Tgt Ion: 78 Resp: 13665



#34

Trichloroethene

Concen: 0.984 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024604.D

Acq: 12 Sep 2022 13:50

Tgt Ion: 95 Resp: 3166

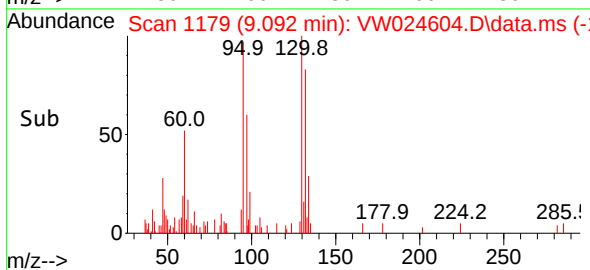
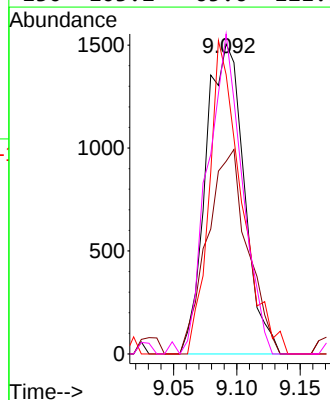
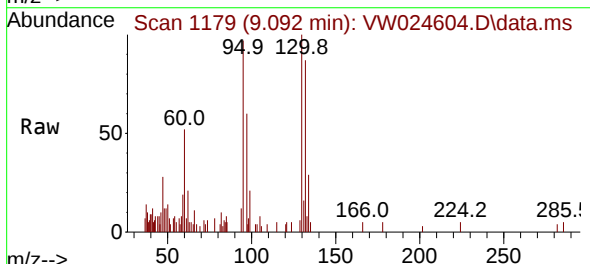
Ion Ratio Lower Upper

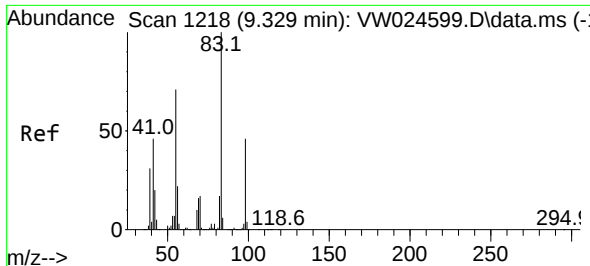
95 100

97 66.7 45.9 85.3

132 90.1 62.6 116.2

130 103.2 65.6 121.8

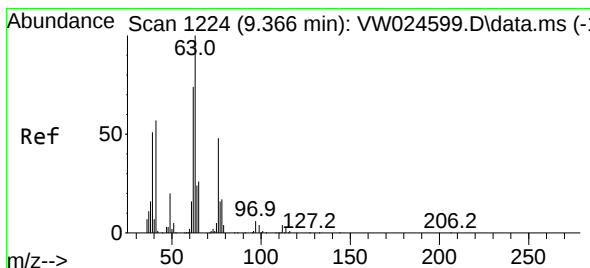
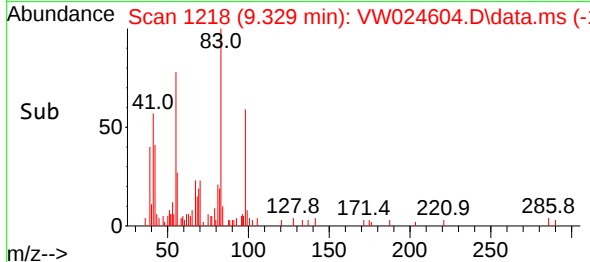
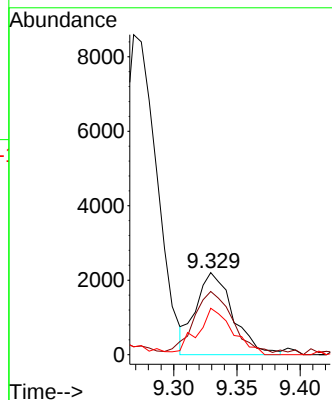
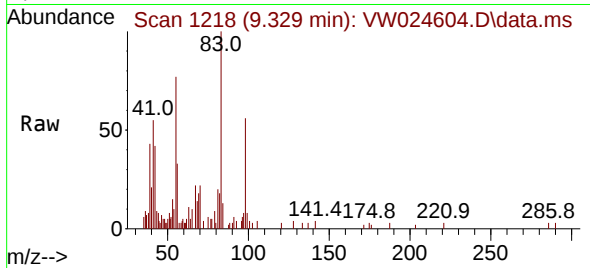




#35
Methylcyclohexane
Concen: 0.878 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

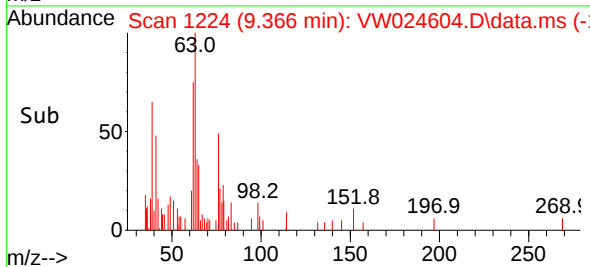
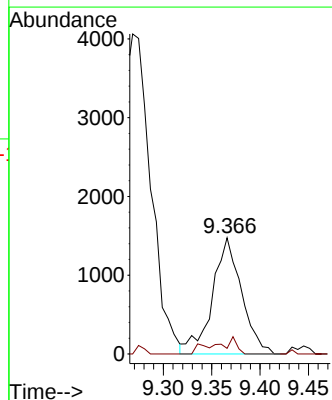
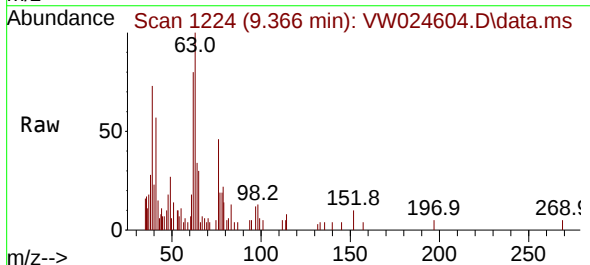
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PBB

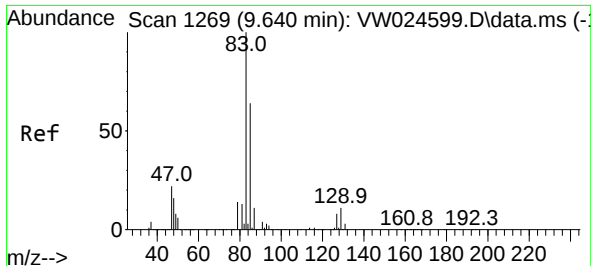
Tgt Ion: 83 Resp: 4519
Ion Ratio Lower Upper
83 100
55 78.3 57.3 85.9
98 43.6 40.4 60.6



#37
1,2-Dichloropropane
Concen: 1.007 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

Tgt Ion: 63 Resp: 3097
Ion Ratio Lower Upper
63 100
112 3.4 3.9 5.9#

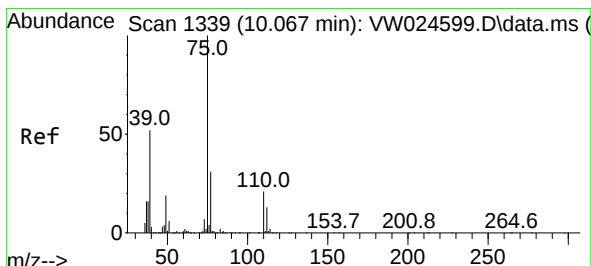
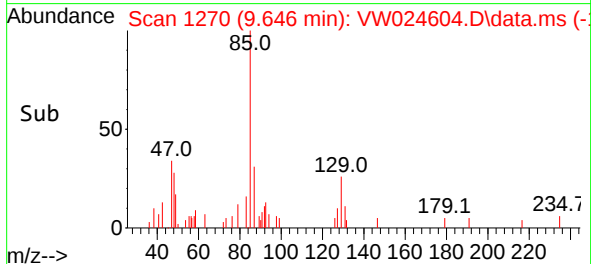
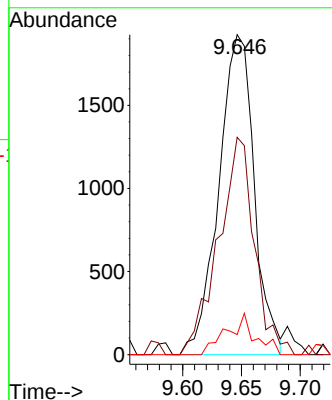
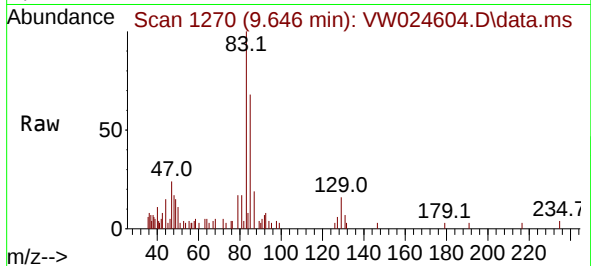




#38
Bromodichloromethane
Concen: 0.931 ug/L
RT: 9.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

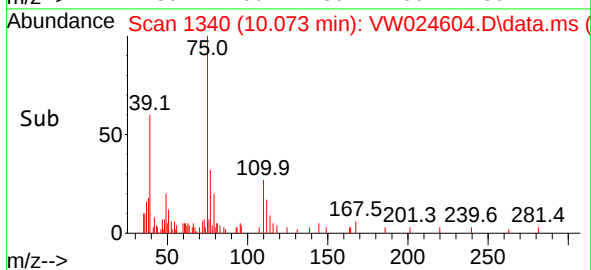
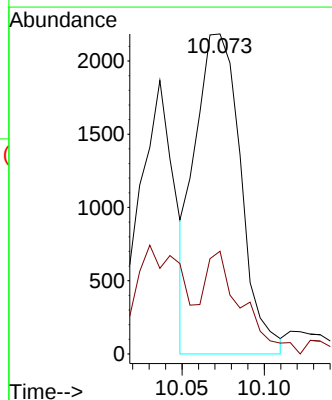
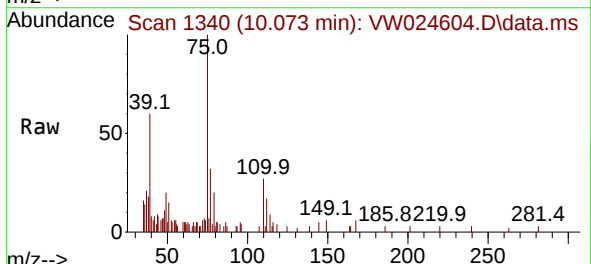
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PBB

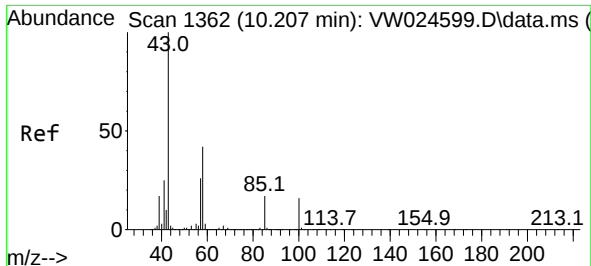
Tgt Ion: 83 Resp: 4048
Ion Ratio Lower Upper
83 100
85 67.9 45.1 83.9
127 6.3 7.3 10.9#



#39
cis-1,3-Dichloropropene
Concen: 0.939 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.006 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

Tgt Ion: 75 Resp: 4223
Ion Ratio Lower Upper
75 100
77 32.1 21.9 40.7

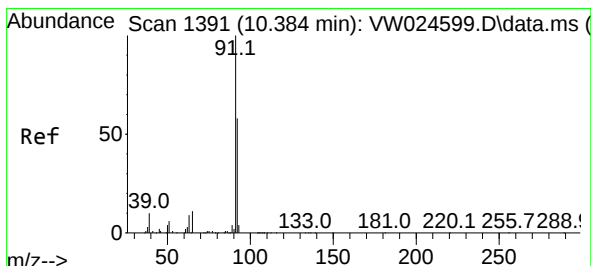
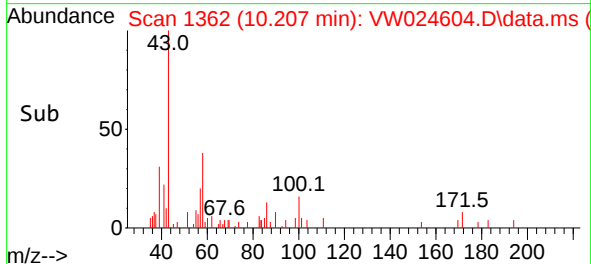
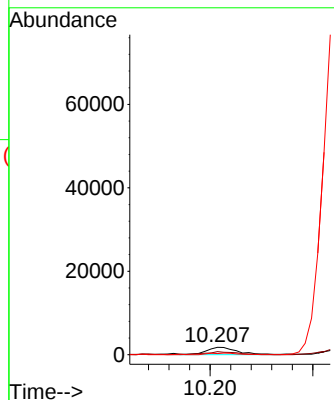
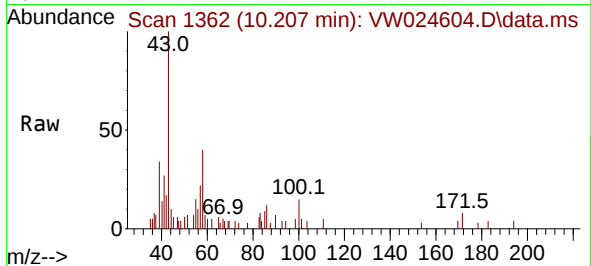




#40
4-Methyl-2-pentanone
Concen: 1.826 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

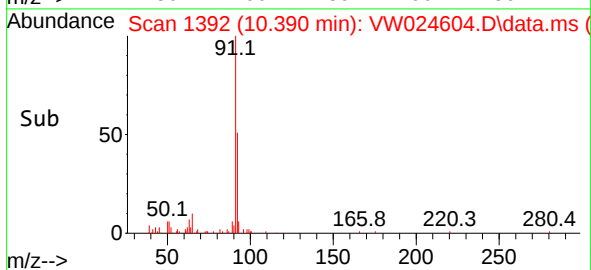
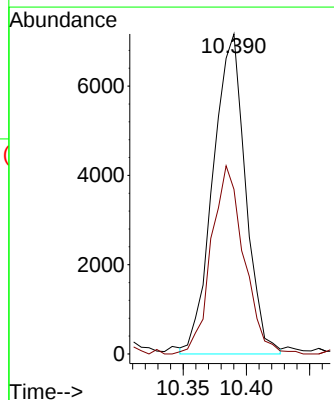
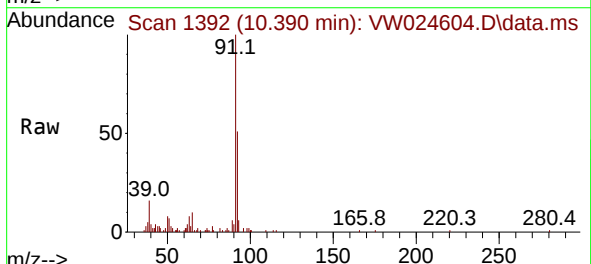
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PBB

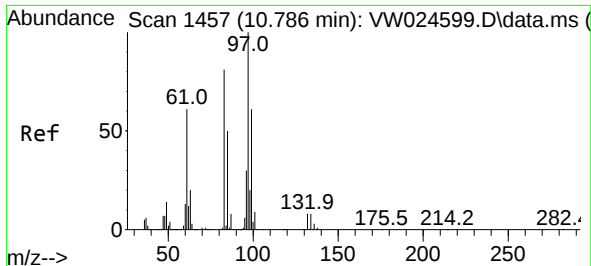
Tgt Ion: 43 Resp: 3706
Ion Ratio Lower Upper
43 100
58 40.9 30.9 46.3
100 19.2 13.3 19.9



#42
Toluene
Concen: 0.942 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

Tgt Ion: 91 Resp: 12787
Ion Ratio Lower Upper
91 100
92 51.5 40.8 75.8

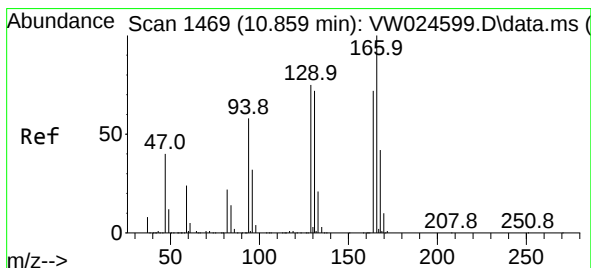
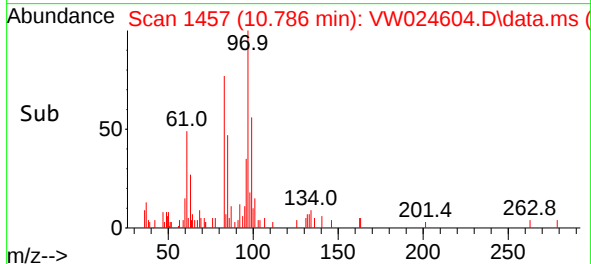
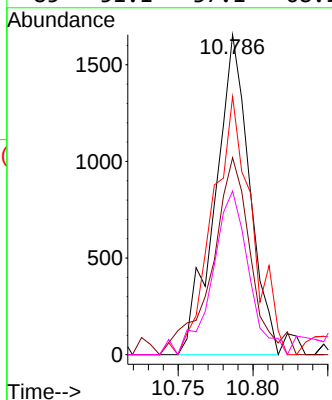
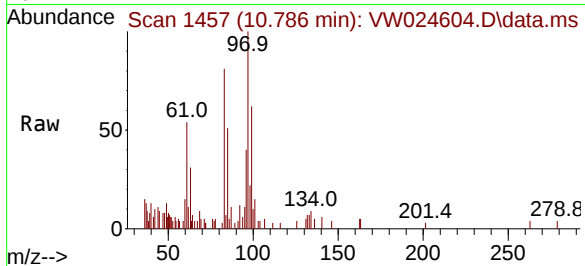




#45
1,1,2-Trichloroethane
Concen: 1.033 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

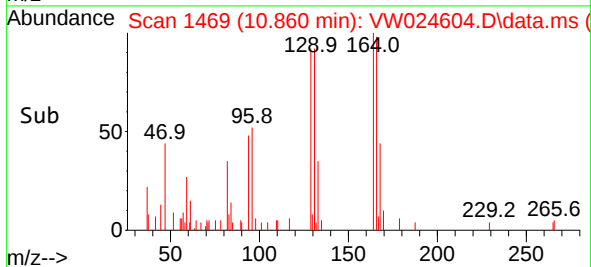
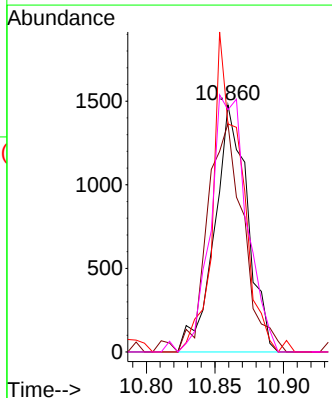
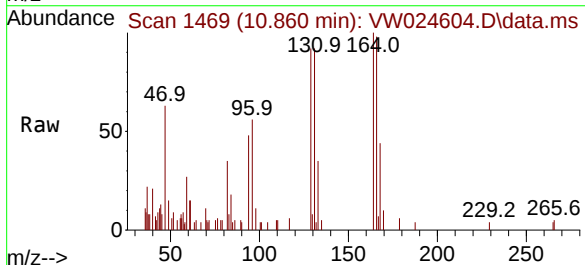
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PBB

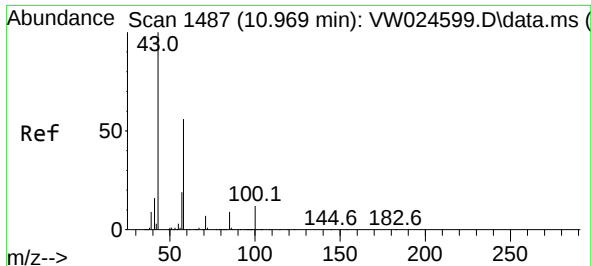
Tgt Ion: 97	Resp: 2655
Ion Ratio	Lower Upper
97 100	
99 61.5	41.9 77.9
83 80.7	58.2 108.0
85 51.1	37.1 68.9



#46
Tetrachloroethene
Concen: 1.042 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

Tgt Ion:164	Resp: 2470		
Ion	Ratio	Lower	Upper
164	100		
129	100.5	75.0	139.2
131	92.3	70.1	130.1
166	98.1	95.1	176.7

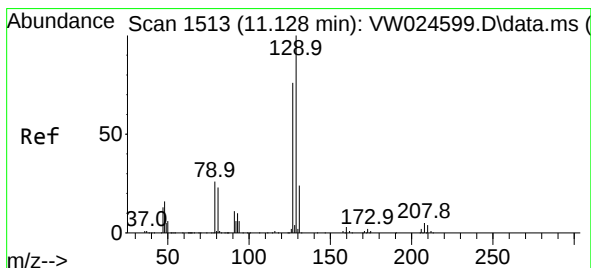
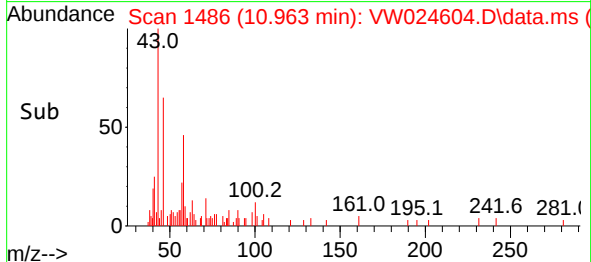
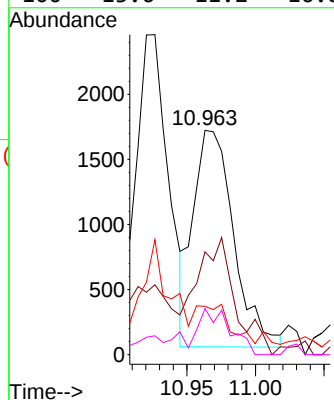
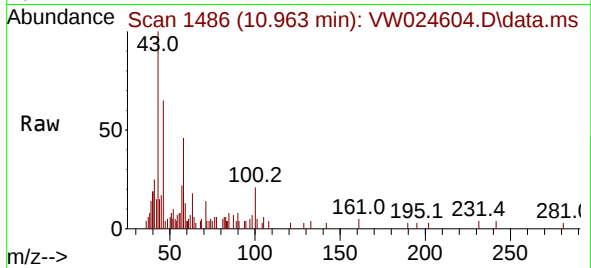




#48
2-Hexanone
Concen: 2.459 ug/L
RT: 10.963 min Scan# 1487
Delta R.T. -0.006 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

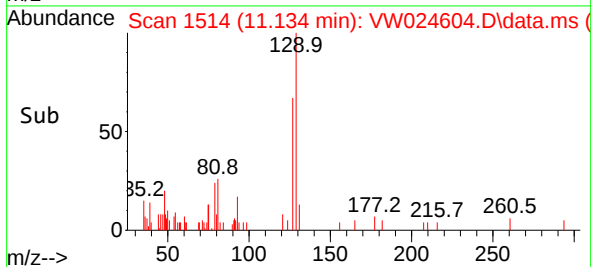
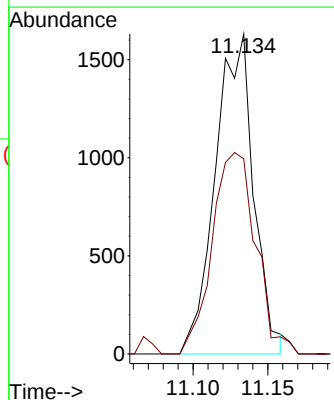
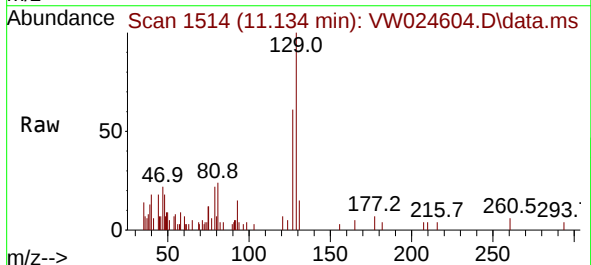
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PBB

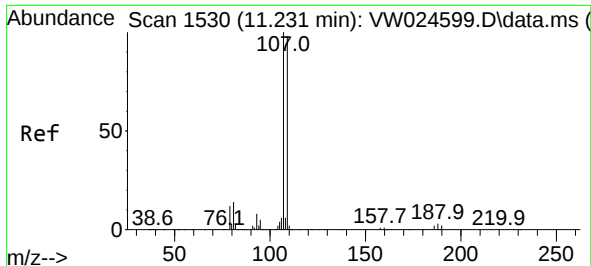
Tgt Ion: 43	Resp: 3422
Ion Ratio	Lower Upper
43 100	
58 43.5	43.7 65.5#
57 11.7	15.3 22.9#
100 13.6	11.2 16.8



#49
Dibromochloromethane
Concen: 0.964 ug/L
RT: 11.134 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

Tgt Ion:129	Resp:	2898	
Ion	Ratio	Lower	Upper
129	100		
127	61.0	56.1	104.1

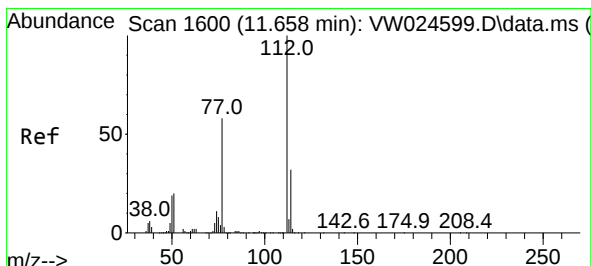
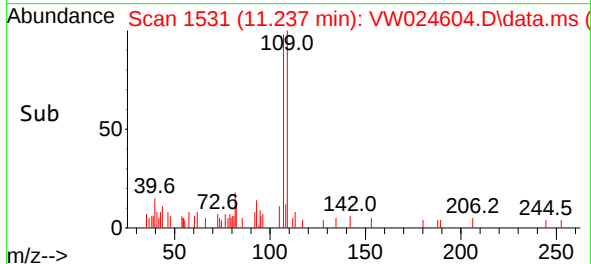
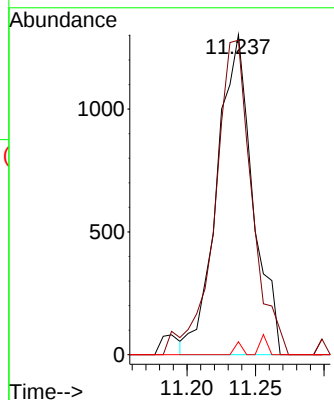
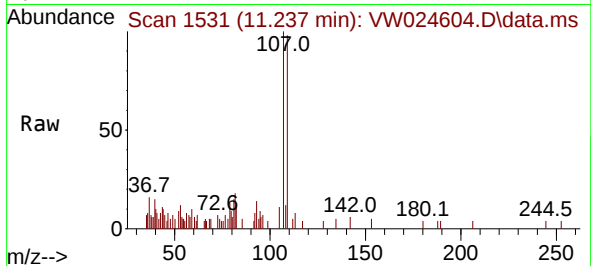




#50
1,2-Dibromoethane
Concen: 0.946 ug/L
RT: 11.237 min Scan# 1530
Delta R.T. 0.006 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

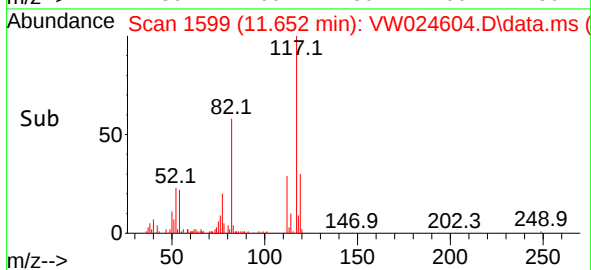
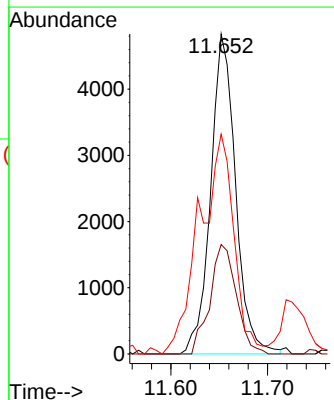
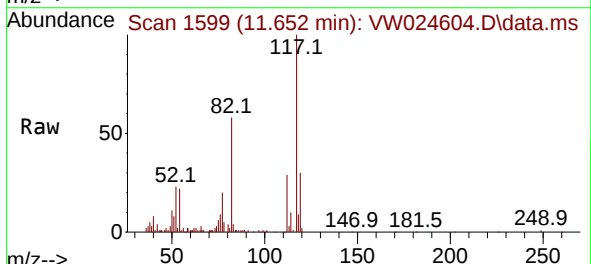
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PBB

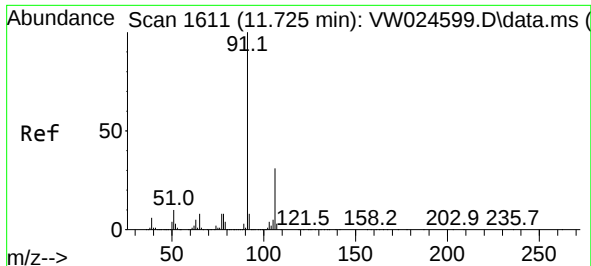
Tgt Ion:	107	Resp:	2360
Ion	Ratio	Lower	Upper
107	100		
109	98.2	64.5	119.9
188	4.1	3.0	4.4



#51
Chlorobenzene
Concen: 0.923 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

Tgt Ion:	112	Resp:	8656
Ion	Ratio	Lower	Upper
112	100		
114	34.2	20.0	37.2
77	68.7	42.6	63.8#

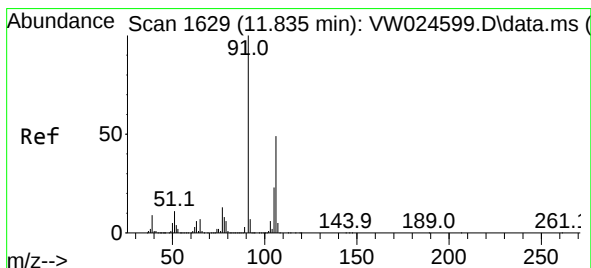
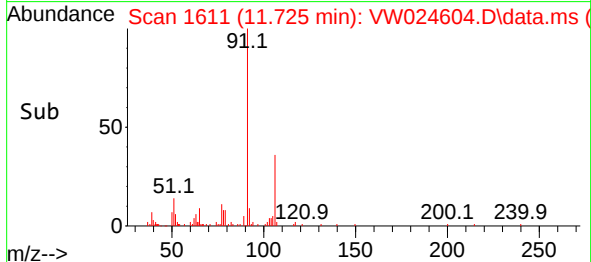
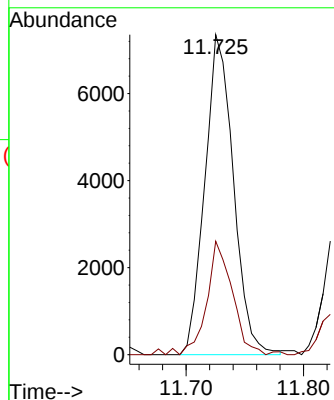
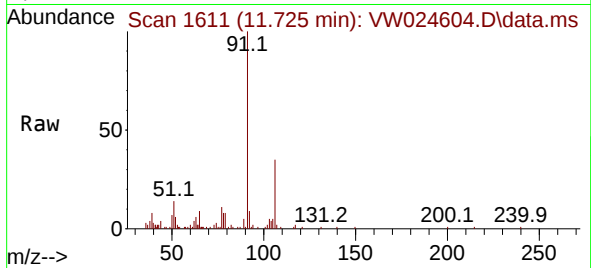




#52
Ethylbenzene
Concen: 0.807 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

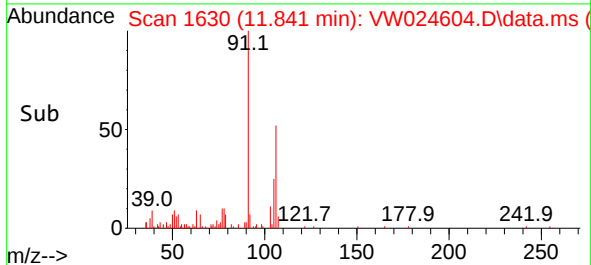
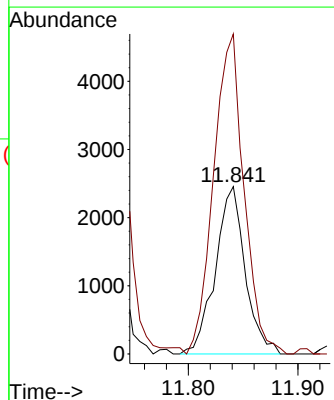
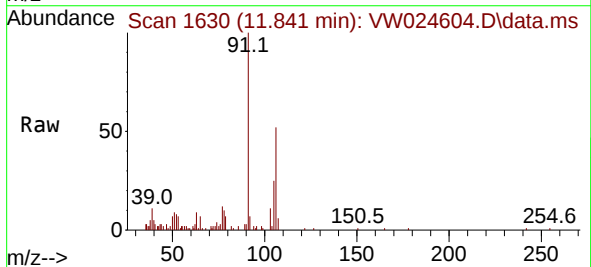
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PBB

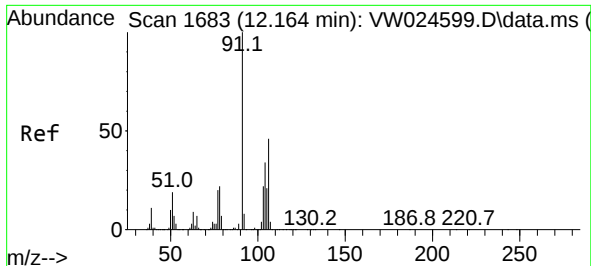
Tgt Ion: 91 Resp: 12448
Ion Ratio Lower Upper
91 100
106 35.5 23.8 44.2



#53
m,p-Xylene
Concen: 0.772 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

Tgt Ion: 106 Resp: 4649
Ion Ratio Lower Upper
106 100
91 191.2 131.3 243.8

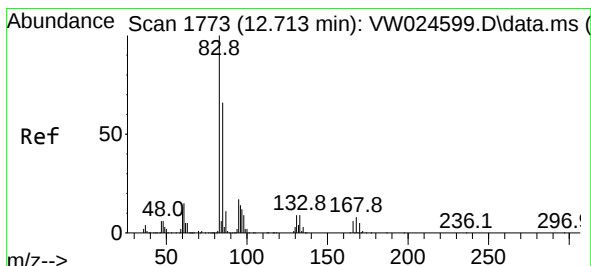
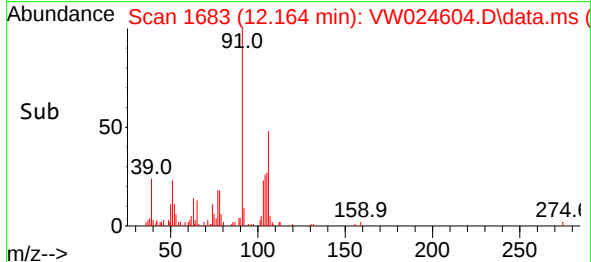
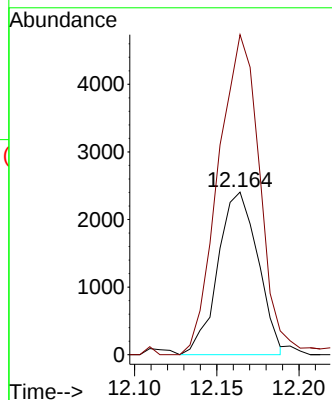
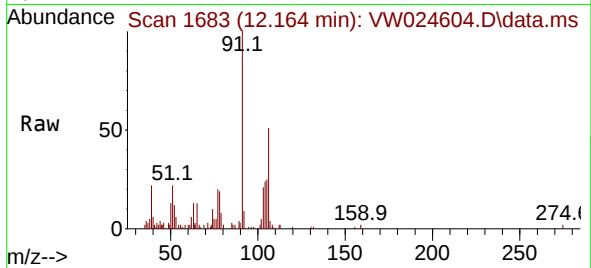




#54
o-Xylene
Concen: 0.710 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

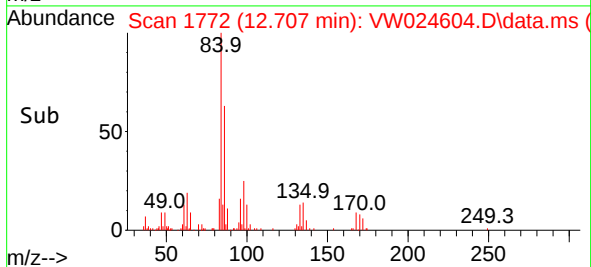
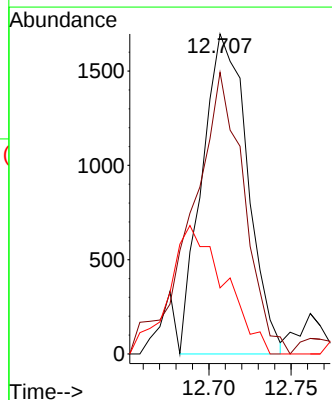
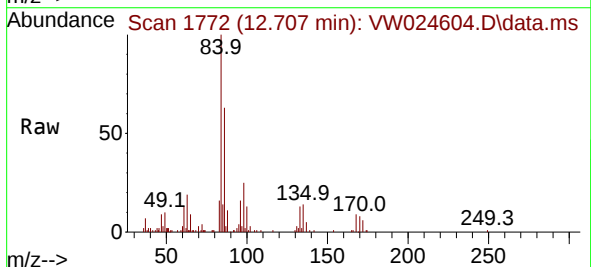
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PBB

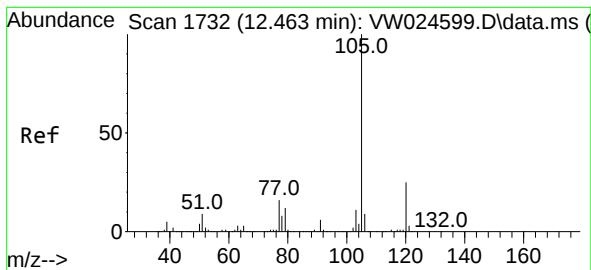
Tgt Ion:106 Resp: 4070
Ion Ratio Lower Upper
106 100
91 196.9 148.7 276.3



#57
1,1,2,2-Tetrachloroethane
Concen: 1.002 ug/L
RT: 12.707 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

Tgt Ion: 83 Resp: 3262
Ion Ratio Lower Upper
83 100
85 88.0 45.6 84.8#
131 20.6 9.0 13.4#





#60

Isopropylbenzene

Concen: 0.700 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024604.D

Acq: 12 Sep 2022 13:50

Instrument :

MSVOA_W

ClientSampleId :

MDL 1. PBB

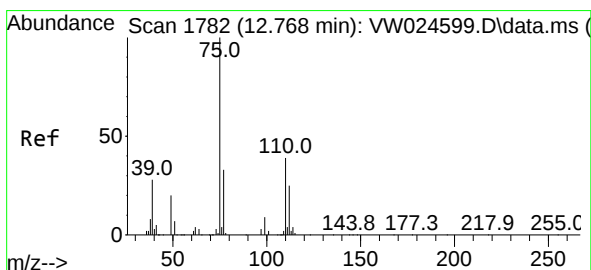
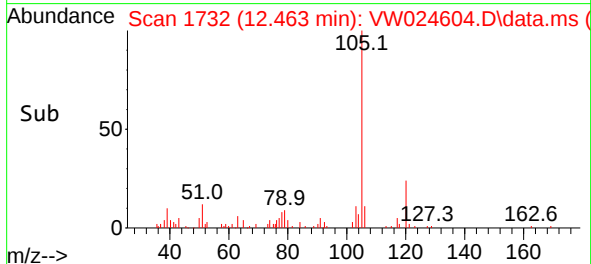
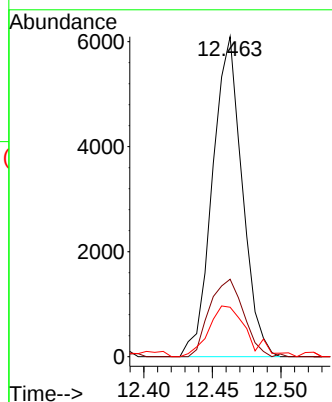
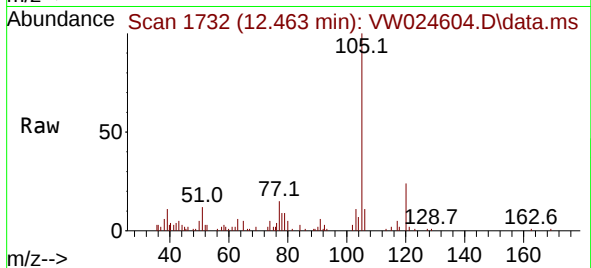
Tgt Ion:105 Resp: 9193

Ion Ratio Lower Upper

105 100

120 27.6 20.9 31.3

77 18.3 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 1.041 ug/L

RT: 12.774 min Scan# 1783

Delta R.T. 0.006 min

Lab File: VW024604.D

Acq: 12 Sep 2022 13:50

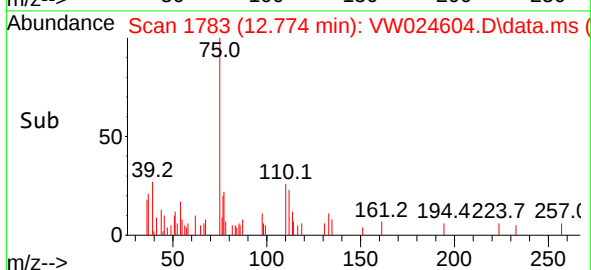
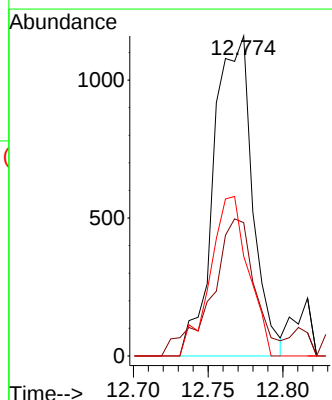
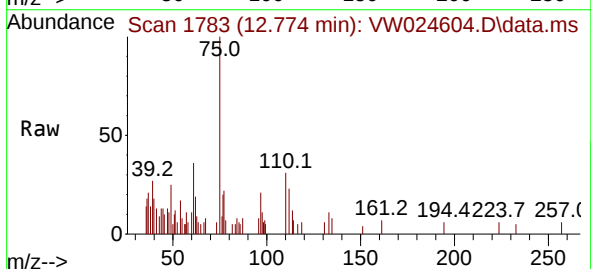
Tgt Ion: 75 Resp: 2090

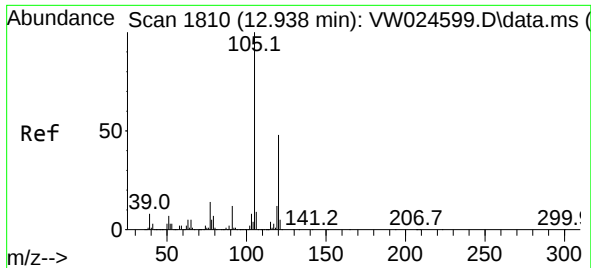
Ion Ratio Lower Upper

75 100

77 47.7 26.8 40.2#

110 48.8 33.8 50.8

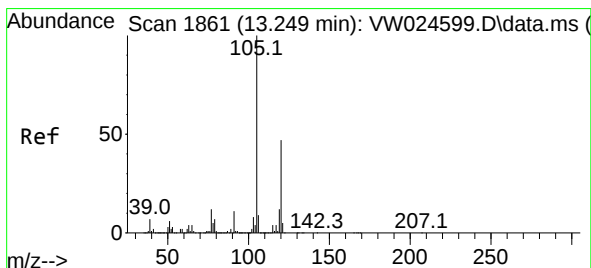
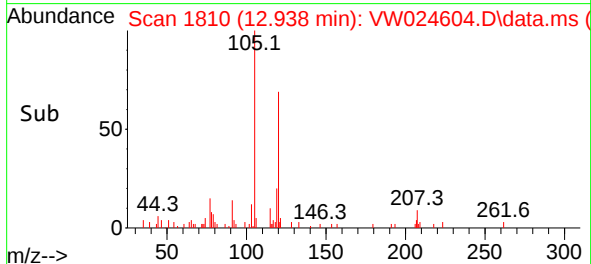
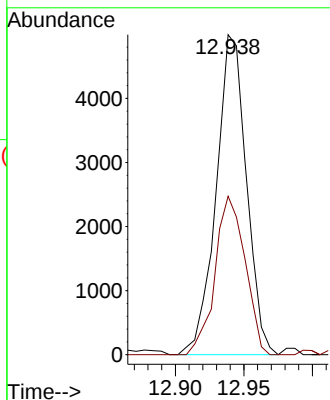
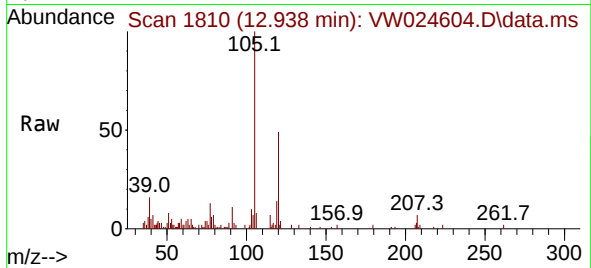




#62
1,3,5-Trimethylbenzene
Concen: 0.705 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

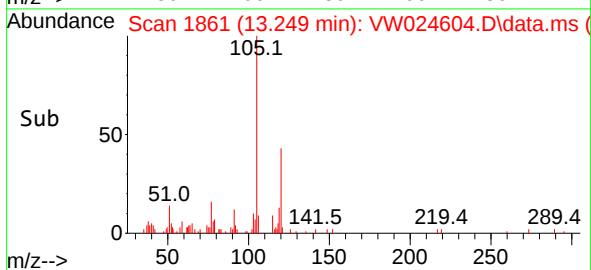
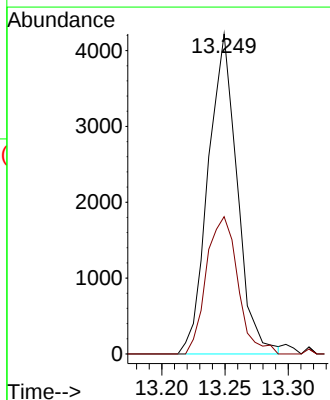
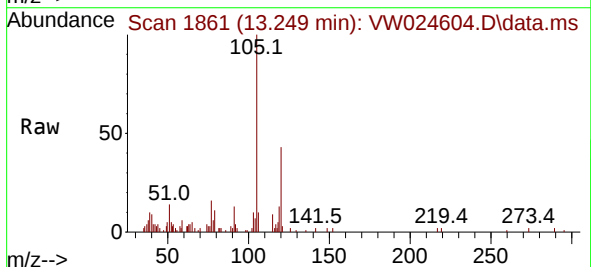
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PBB

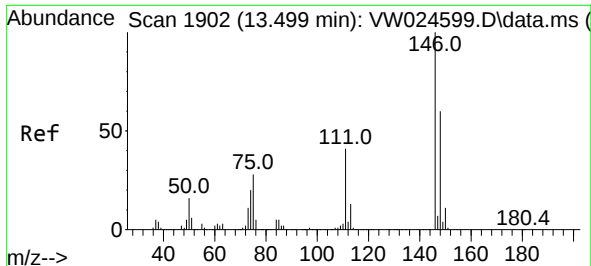
Tgt Ion:105 Resp: 7688
Ion Ratio Lower Upper
105 100
120 49.1 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 0.620 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

Tgt Ion:105 Resp: 6736
Ion Ratio Lower Upper
105 100
120 46.4 36.7 55.1

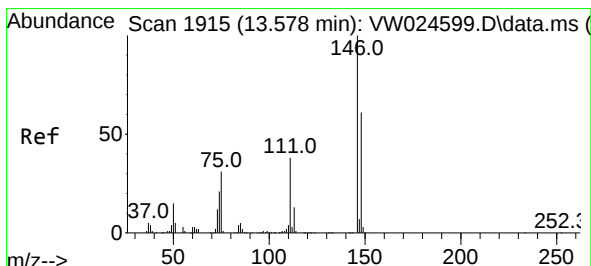
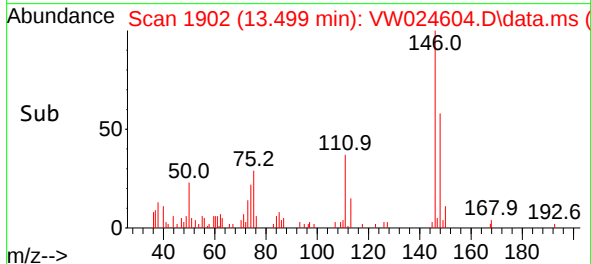
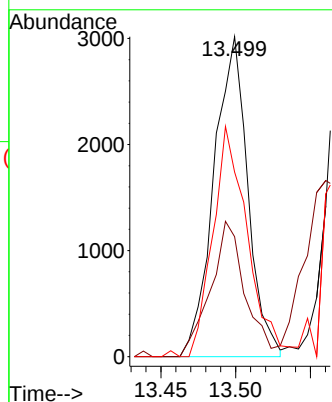
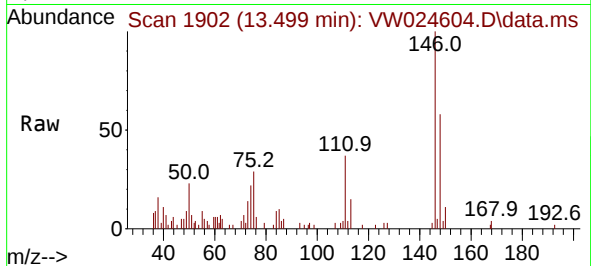




#64
1,3-Dichlorobenzene
Concen: 0.803 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

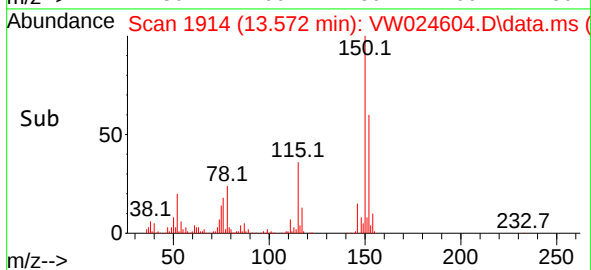
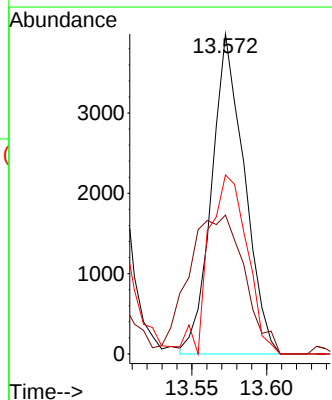
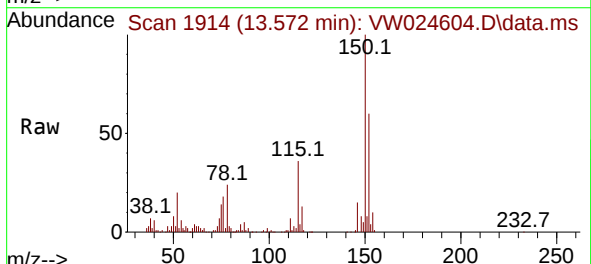
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PBB

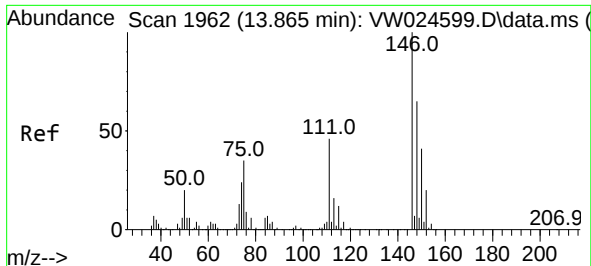
Tgt Ion:146 Resp: 4756
Ion Ratio Lower Upper
146 100
111 37.5 28.3 52.5
148 57.7 42.2 78.4



#65
1,4-Dichlorobenzene
Concen: 0.971 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW024604.D
Acq: 12 Sep 2022 13:50

Tgt Ion:146 Resp: 6061
Ion Ratio Lower Upper
146 100
111 43.4 29.3 54.3
148 55.9 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 1.064 ug/L

RT: 13.871 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VW024604.D

Acq: 12 Sep 2022 13:50

Instrument :

MSVOA_W

ClientSampleId :

MDL 1. PBB

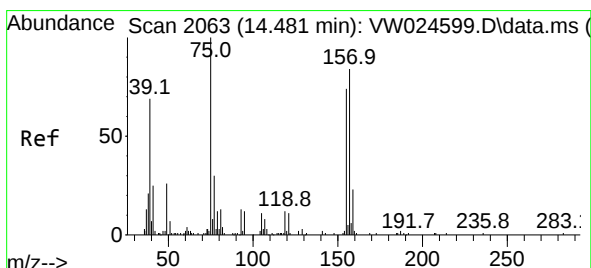
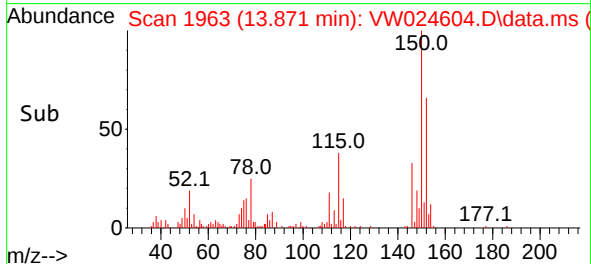
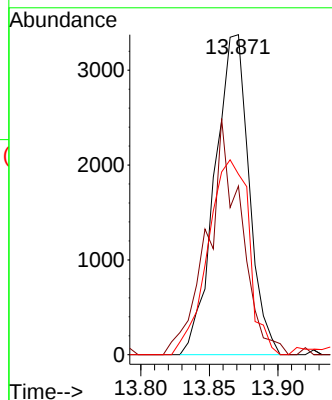
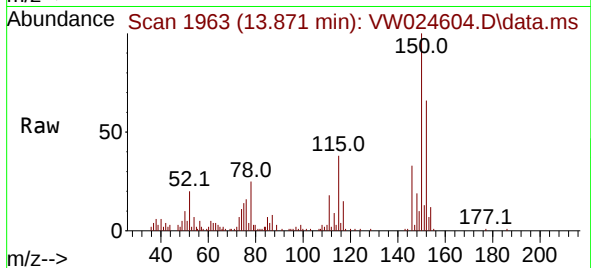
Tgt Ion:146 Resp: 5876

Ion Ratio Lower Upper

146 100

111 52.7 32.2 48.4#

148 56.4 48.3 72.5



#68

1,2-Dibromo-3-chloropropane

Concen: 1.476 ug/L m

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024604.D

Acq: 12 Sep 2022 13:50

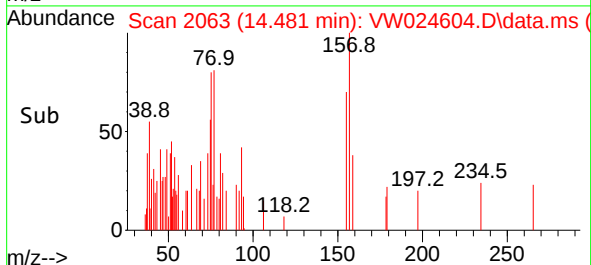
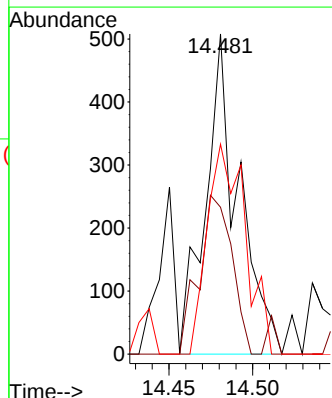
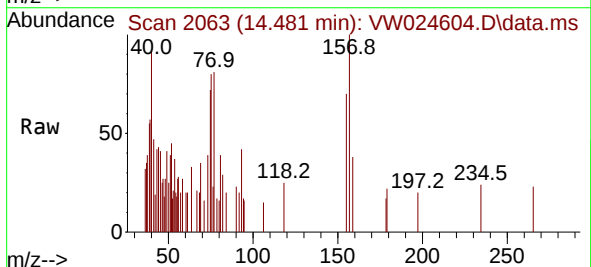
Tgt Ion: 75 Resp: 701

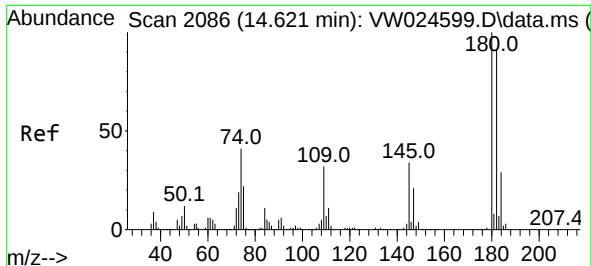
Ion Ratio Lower Upper

75 100

155 86.9 66.3 99.5

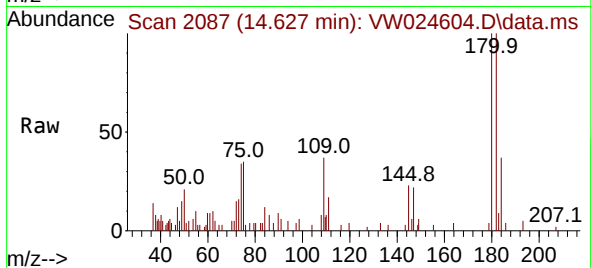
157 124.3 77.6 116.4#



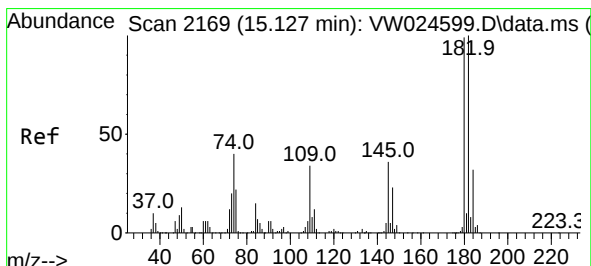
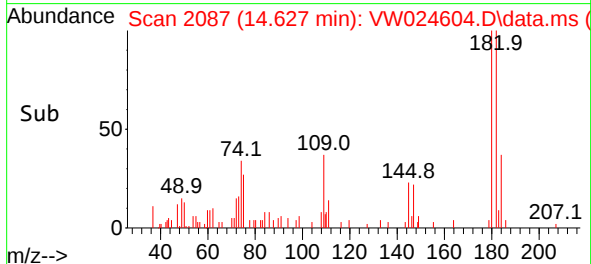
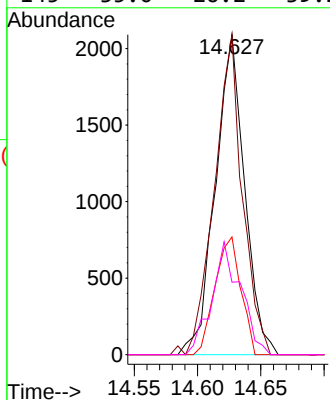


#69
 1,3,5-Trichlorobenzene
 Concen: 0.869 ug/L
 RT: 14.627 min Scan# 2086
 Delta R.T. 0.006 min
 Lab File: VW024604.D
 Acq: 12 Sep 2022 13:50

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL 1. PBB

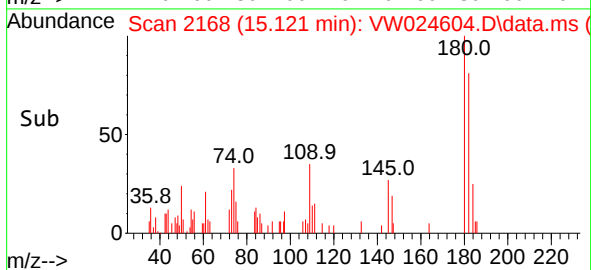
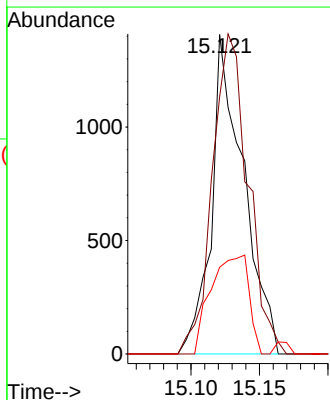
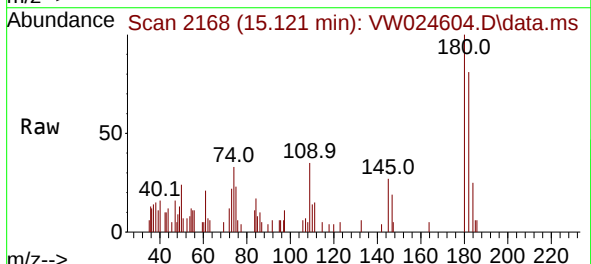


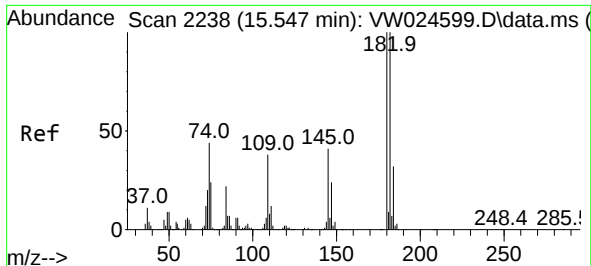
Tgt Ion:180 Resp: 3342
 Ion Ratio Lower Upper
 180 100
 182 95.7 72.4 108.6
 184 32.6 22.8 34.2
 145 35.0 26.2 39.2



#70
 1,2,4-trichlorobenzene
 Concen: 0.746 ug/L
 RT: 15.121 min Scan# 2168
 Delta R.T. -0.006 min
 Lab File: VW024604.D
 Acq: 12 Sep 2022 13:50

Tgt Ion:180 Resp: 2277
 Ion Ratio Lower Upper
 180 100
 182 111.6 73.8 110.6#
 145 36.8 26.6 39.8





#72

1,2,3-Trichlorobenzene

Concen: 0.813 ug/L

RT: 15.554 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW024604.D

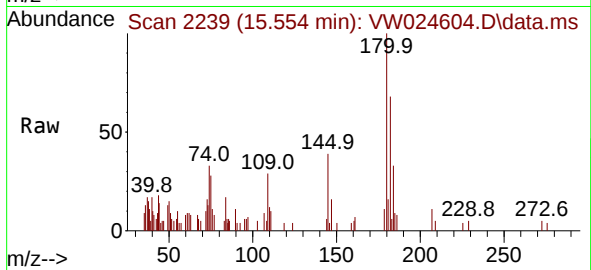
Acq: 12 Sep 2022 13:50

Instrument :

MSVOA_W

ClientSampleId :

MDL 1. PBB



Tgt Ion:180 Resp: 2307

Ion Ratio Lower Upper

180 100

182 83.4 78.7 118.1

145 34.4 28.1 42.1

