

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091222\
 Data File : VW024603.D
 Acq On : 12 Sep 2022 13:26
 Operator : SY/VA
 Sample : MDL 1. PBB
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL 1. PBB

Quant Time: Sep 13 02:53:23 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	212015	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	215872	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	96016	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	147670	33.736	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 134.960%	
7) Chloroethane-d5	2.873	69	113006	34.720	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 138.880%	
11) 1,1-Dichloroethene-d2	4.007	63	75832	16.420	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 65.680%	
21) 2-Butanone-d5	7.074	46	35865	50.790	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 101.580%	
24) Chloroform-d	7.647	84	125112	23.170	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 92.680%	
26) 1,2-Dichloroethane-d4	8.476	65	182	0.060	ug/L	0.17
Spiked Amount	25.000	Range	70 - 130	Recovery	= 0.240%#	
32) Benzene-d6	8.275	84	250208	23.563	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 94.240%	
36) 1,2-Dichloropropane-d6	9.274	67	72527	23.166	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 92.680%	
41) Toluene-d8	10.323	98	244039	23.575	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 94.280%	
43) trans-1,3-Dichloroprop...	10.579	79	30825	21.970	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 87.880%	
47) 2-Hexanone-d5	10.927	63	29161	50.673	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 101.340%	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	70104	23.362	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 93.440%	
66) 1,2-Dichlorobenzene-d4	13.853	152	80274	26.396	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 105.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.081	85	116	0.114	ug/L	89
3) Chloromethane	2.209	50	4987	1.579	ug/L	98
5) Vinyl chloride	2.434	62	198	0.037	ug/L	85
6) Bromomethane	2.769	94	5052	1.456	ug/L	95
8) Chloroethane	2.910	64	2441	0.843	ug/L	95
9) Trichlorofluoromethane	3.251	101	4527	1.471	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	3796	1.339	ug/L #	81
12) 1,1-Dichloroethene	3.794	96	44	0.018	ug/L	77
13) Acetone	4.086	43	127	0.211	ug/L	99
14) Carbon disulfide	4.379	76	6309	0.984	ug/L #	89
15) Methyl Acetate	4.922	43	133	0.105	ug/L	97
16) Methylene chloride	4.909	84	12503	3.952	ug/L	97
17) trans-1,2-Dichloroethene	5.409	96	1512	0.545	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	2653	0.537	ug/L #	92
19) 1,1-Dichloroethane	6.208	63	2704	0.535	ug/L #	94
20) cis-1,2-Dichloroethene	6.988	96	43	0.014	ug/L	89
22) 2-Butanone	7.183	43	1055	1.086	ug/L	77
23) Bromochloromethane	7.506	128	1326	0.930	ug/L #	74
25) Chloroform	7.665	83	3385	0.603	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091222\
 Data File : VW024603.D
 Acq On : 12 Sep 2022 13:26
 Operator : SY/VA
 Sample : MDL 1. PBB
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL 1. PBB

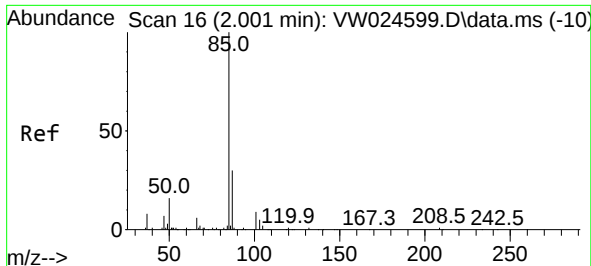
Quant Time: Sep 13 02:53:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Sep 13 02:43:10 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	4808	1.275	ug/L	99
29) Cyclohexane	7.951	56	3531	0.845	ug/L #	76
30) 1,1,1-Trichloroethane	7.872	97	5185	1.095	ug/L #	79
31) Carbon tetrachloride	8.061	117	4322	1.000	ug/L	100
33) Benzene	8.323	78	12854	1.049	ug/L	100
34) Trichloroethene	9.091	95	3484	1.089	ug/L	95
35) Methylcyclohexane	9.335	83	4633	0.905	ug/L	91
37) 1,2-Dichloropropane	9.366	63	3115	1.018	ug/L #	86
38) Bromodichloromethane	9.640	83	4389	1.015	ug/L	93
39) cis-1,3-Dichloropropene	10.030	75	2880	0.644	ug/L	88
40) 4-Methyl-2-pentanone	10.207	43	3578	1.773	ug/L #	84
42) Toluene	10.384	91	14190	1.051	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	3313	0.784	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	2582	1.010	ug/L #	77
46) Tetrachloroethene	10.859	164	1573	0.667	ug/L	90
48) 2-Hexanone	10.969	43	3027	2.187	ug/L #	91
49) Dibromochloromethane	11.128	129	2646	0.885	ug/L	87
50) 1,2-Dibromoethane	11.231	107	2333	0.940	ug/L	73
51) Chlorobenzene	11.658	112	9808	1.051	ug/L	89
52) Ethylbenzene	11.725	91	12970	0.846	ug/L	95
53) m,p-Xylene	11.835	106	5262	0.878	ug/L	87
54) o-Xylene	12.158	106	4086	0.716	ug/L	83
55) Styrene	12.182	104	7005	0.698	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	3153	0.974	ug/L #	94
59) Bromoform	12.347	173	1432	1.026	ug/L #	85
60) Isopropylbenzene	12.463	105	10852	0.835	ug/L #	94
61) 1,2,3-Trichloropropane	12.774	75	2360	1.188	ug/L	95
62) 1,3,5-Trimethylbenzene	12.938	105	8467	0.784	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	8084	0.752	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	6156	1.051	ug/L	99
65) 1,4-Dichlorobenzene	13.578	146	6686	1.083	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	6394	1.171	ug/L #	89
68) 1,2-Dibromo-3-chloropr...	14.627	75	1054	2.243	ug/L #	4
69) 1,3,5-Trichlorobenzene	14.627	180	4010	1.054	ug/L	96
70) 1,2,4-trichlorobenzene	15.121	180	2983	0.988	ug/L	93
71) Naphthalene	15.365	128	4854	0.727	ug/L	97
72) 1,2,3-Trichlorobenzene	15.548	180	2442	0.869	ug/L	92

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

Quant Time: Sep 13 02:53:23 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

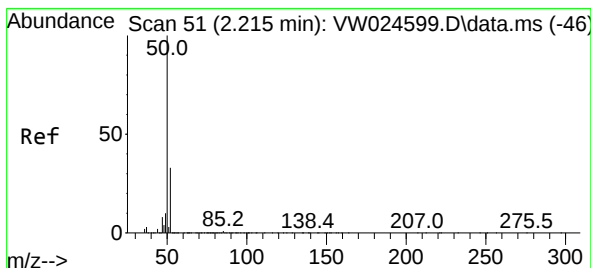
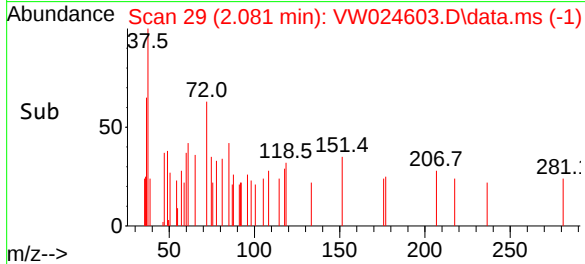
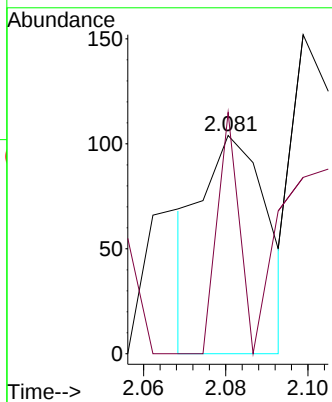
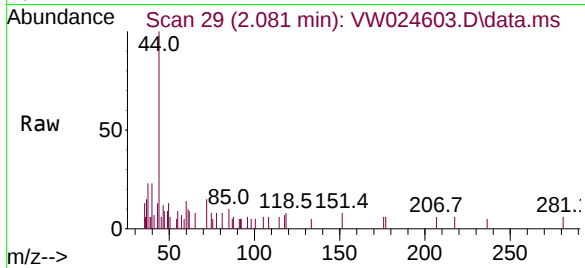




#2
Dichlorodifluoromethane
Concen: 0.114 ug/L
RT: 2.081 min Scan# 24
Delta R.T. 0.079 min
Lab File: VW024603.D
Acq: 12 Sep 2022 13:26

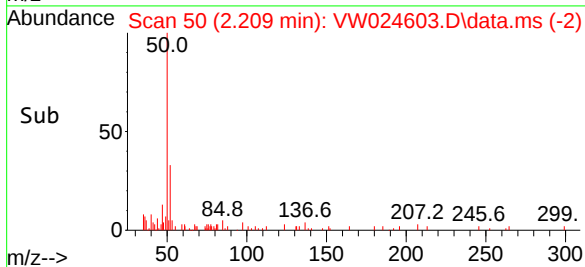
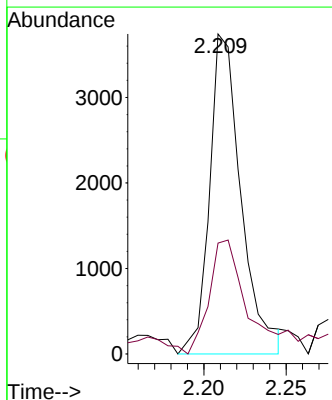
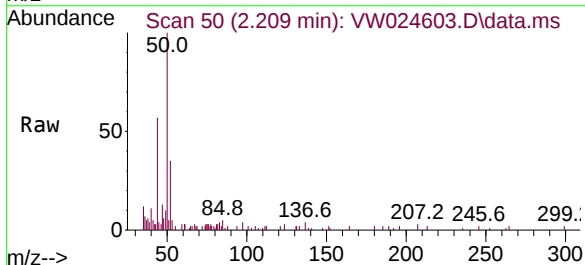
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

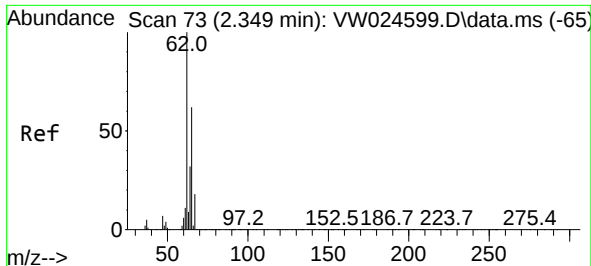
Tgt Ion: 85 Resp: 116
Ion Ratio Lower Upper
85 100
87 36.2 24.2 36.2



#3
Chloromethane
Concen: 1.579 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW024603.D
Acq: 12 Sep 2022 13:26

Tgt Ion: 50 Resp: 4987
Ion Ratio Lower Upper
50 100
52 34.7 23.3 43.3

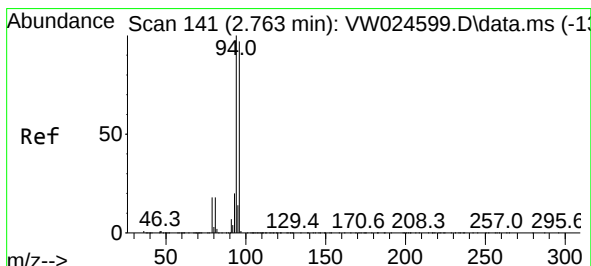
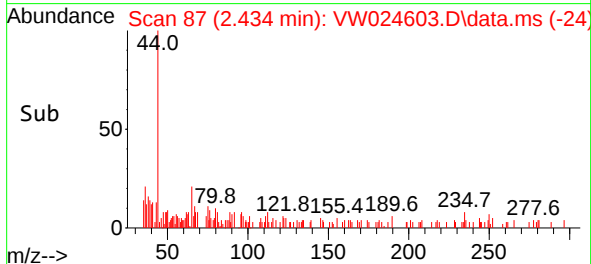
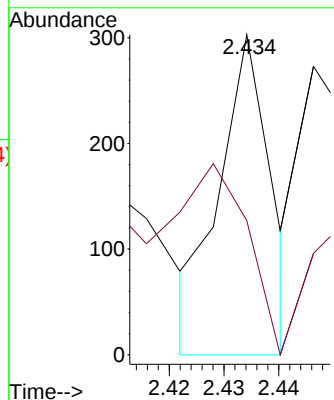
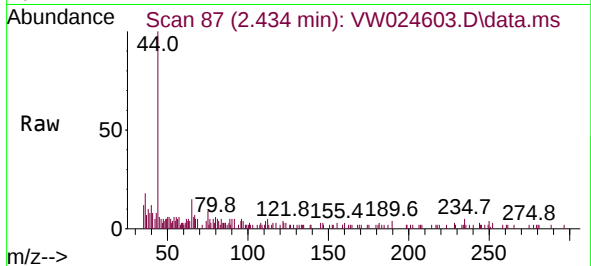




#5
 Vinyl chloride
 Concen: 0.037 ug/L
 RT: 2.434 min Scan# 81
 Delta R.T. 0.086 min
 Lab File: VW024603.D
 Acq: 12 Sep 2022 13:26

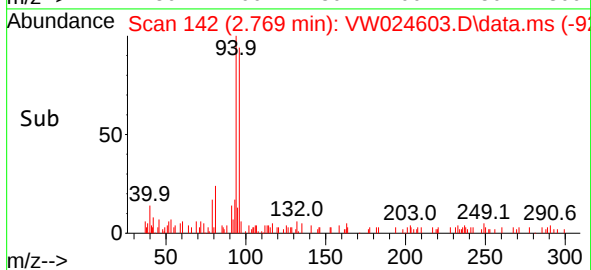
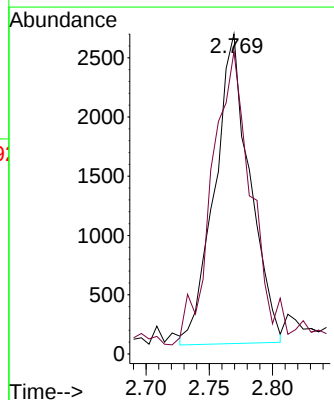
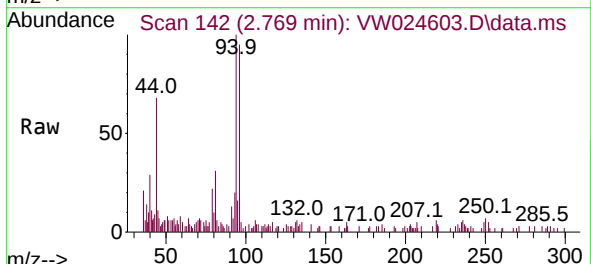
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL 1. PPB

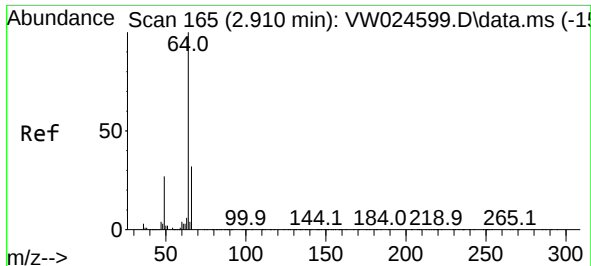
Tgt Ion: 62 Resp: 198
 Ion Ratio Lower Upper
 62 100
 64 41.9 23.3 43.3



#6
 Bromomethane
 Concen: 1.456 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. 0.006 min
 Lab File: VW024603.D
 Acq: 12 Sep 2022 13:26

Tgt Ion: 94 Resp: 5052
 Ion Ratio Lower Upper
 94 100
 96 94.5 69.8 129.6

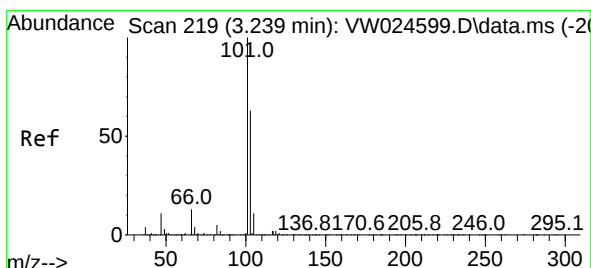
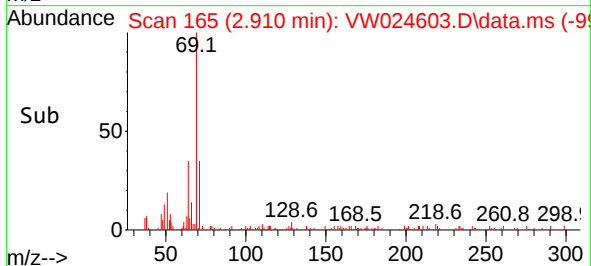
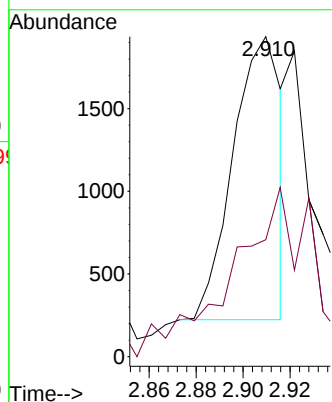
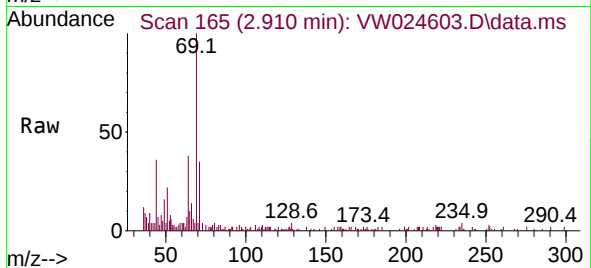




#8
Chloroethane
Concen: 0.843 ug/L
RT: 2.910 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024603.D
Acq: 12 Sep 2022 13:26

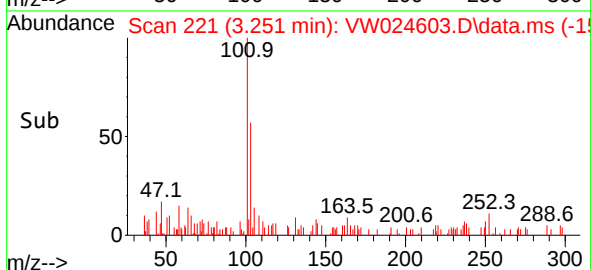
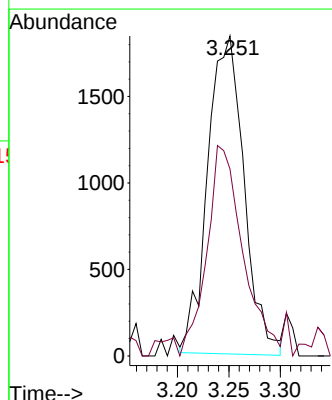
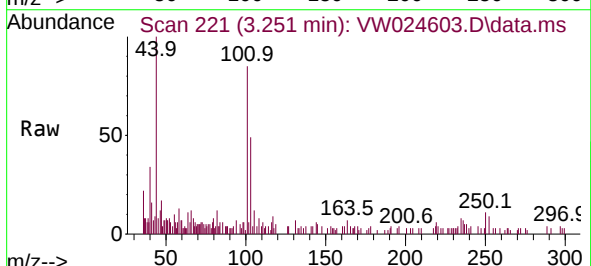
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

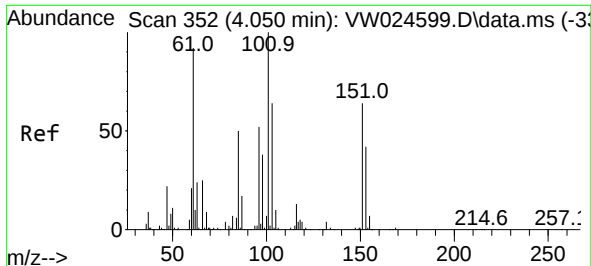
Tgt Ion: 64 Resp: 2441
Ion Ratio Lower Upper
64 100
66 36.5 23.7 44.1



#9
Trichlorofluoromethane
Concen: 1.471 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.012 min
Lab File: VW024603.D
Acq: 12 Sep 2022 13:26

Tgt Ion: 101 Resp: 4527
Ion Ratio Lower Upper
101 100
103 65.4 52.5 78.7

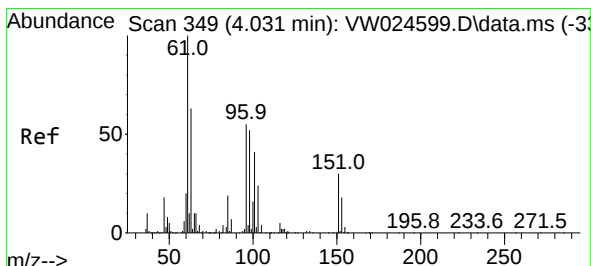
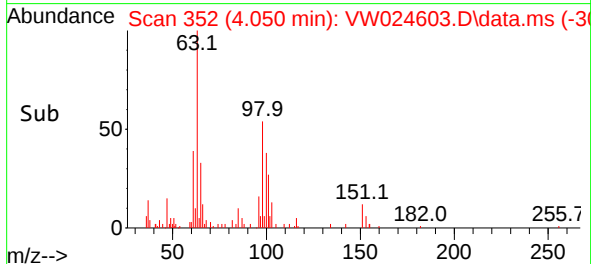
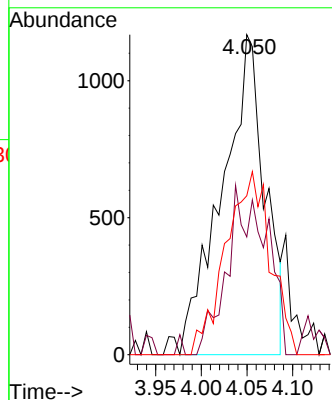
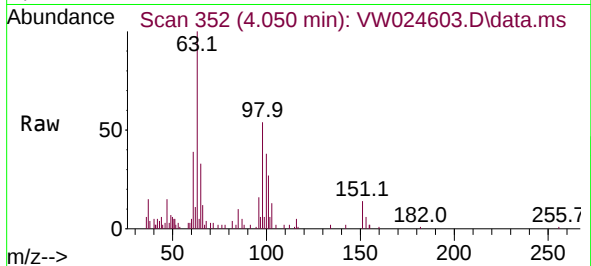




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.339 ug/L
 RT: 4.050 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW024603.D
 Acq: 12 Sep 2022 13:26

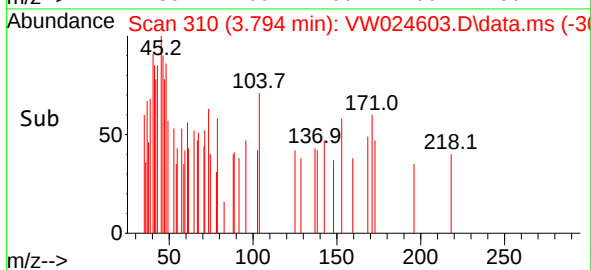
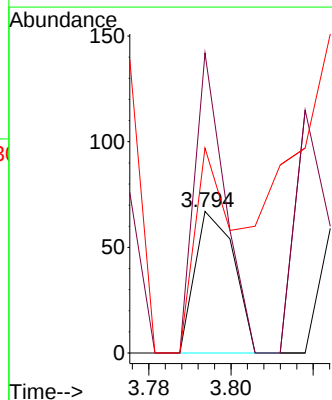
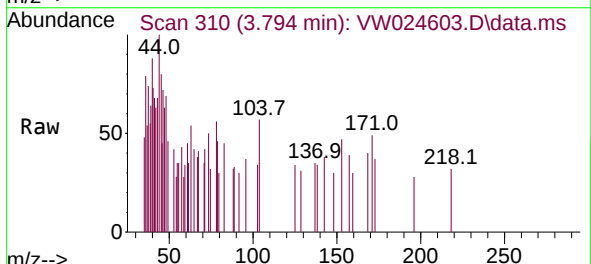
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL 1. PPB

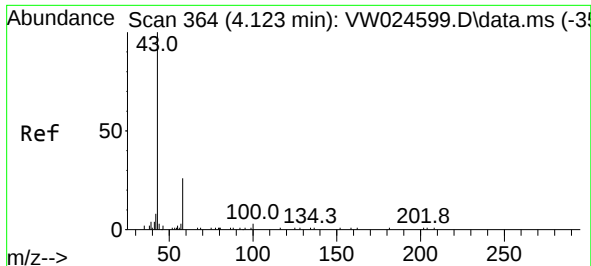
Tgt Ion:101 Resp: 3796
 Ion Ratio Lower Upper
 101 100
 85 13.5 21.8 32.8#
 151 54.7 53.9 80.9



#12
 1,1-Dichloroethene
 Concen: 0.018 ug/L
 RT: 3.794 min Scan# 310
 Delta R.T. -0.238 min
 Lab File: VW024603.D
 Acq: 12 Sep 2022 13:26

Tgt Ion: 96 Resp: 44
 Ion Ratio Lower Upper
 96 100
 61 211.9 119.8 222.6
 63 144.8 89.6 166.4





#13

Acetone

Concen: 0.211 ug/L

RT: 4.086 min Scan# 3

Delta R.T. -0.036 min

Lab File: VW024603.D

Acq: 12 Sep 2022 13:26

Instrument :

MSVOA_W

ClientSampleId :

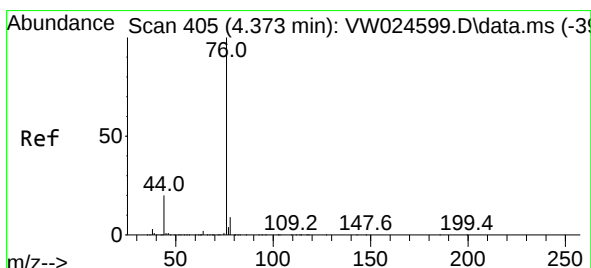
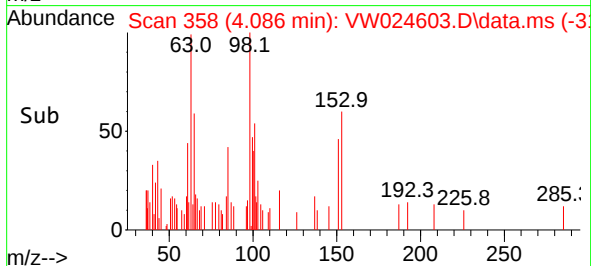
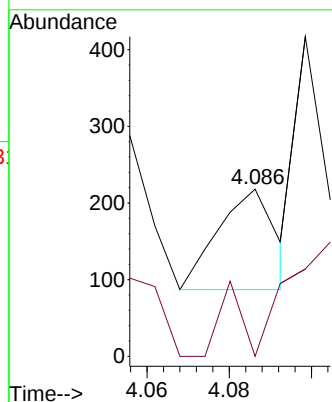
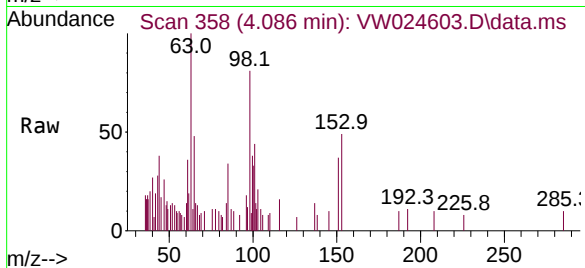
MDL 1. PPB

Tgt Ion: 43 Resp: 127

Ion Ratio Lower Upper

43 100

58 28.3 0.0 57.8



#14

Carbon disulfide

Concen: 0.984 ug/L

RT: 4.379 min Scan# 406

Delta R.T. 0.006 min

Lab File: VW024603.D

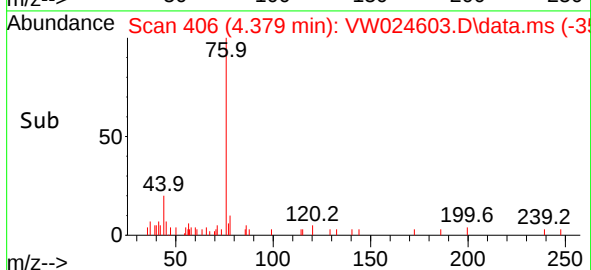
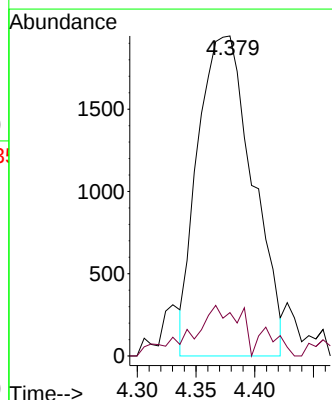
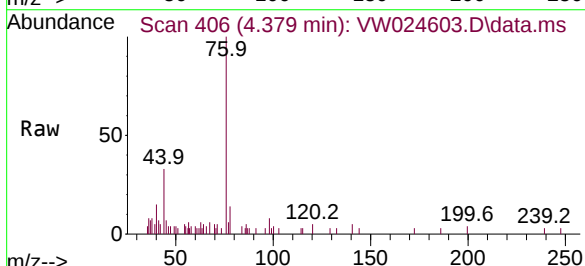
Acq: 12 Sep 2022 13:26

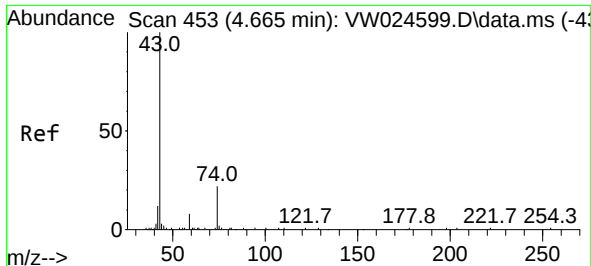
Tgt Ion: 76 Resp: 6309

Ion Ratio Lower Upper

76 100

78 13.6 7.5 11.3#

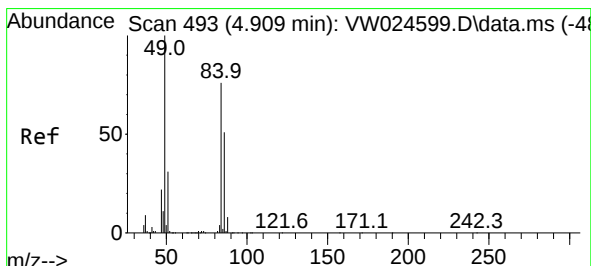
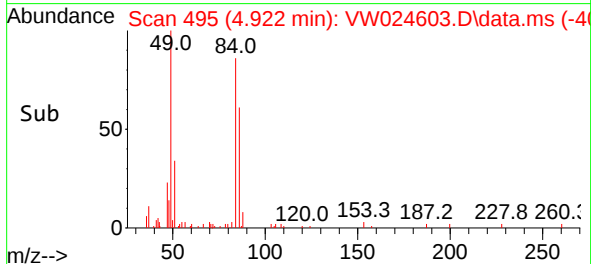
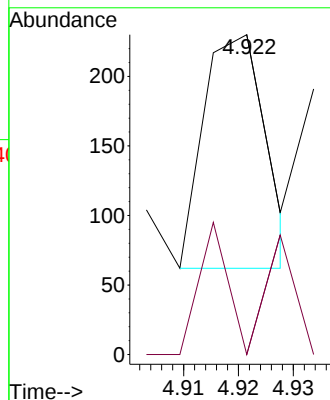
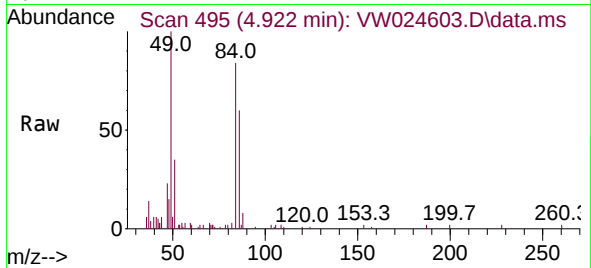




#15
Methyl Acetate
Concen: 0.105 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.256 min
Lab File: VW024603.D
Acq: 12 Sep 2022 13:26

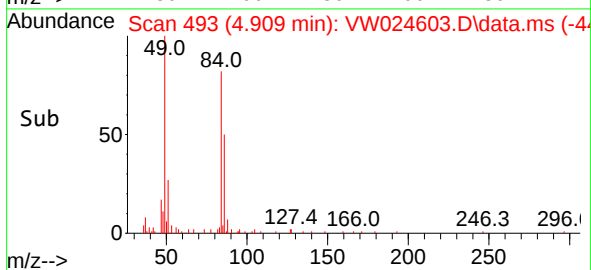
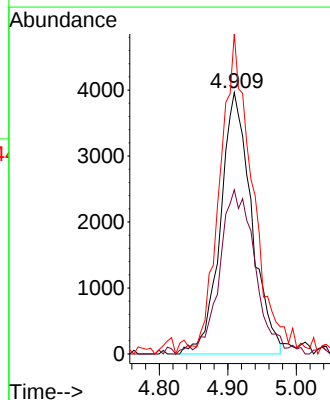
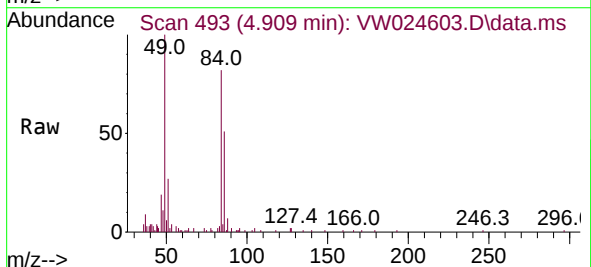
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

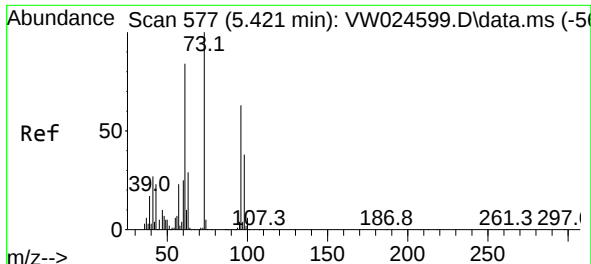
Tgt Ion: 43 Resp: 133
Ion Ratio Lower Upper
43 100
74 26.3 19.9 29.9



#16
Methylene chloride
Concen: 3.952 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024603.D
Acq: 12 Sep 2022 13:26

Tgt Ion: 84 Resp: 12503
Ion Ratio Lower Upper
84 100
86 62.8 44.4 82.5
49 122.4 88.5 164.3

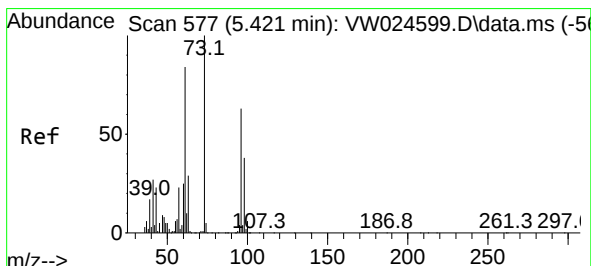
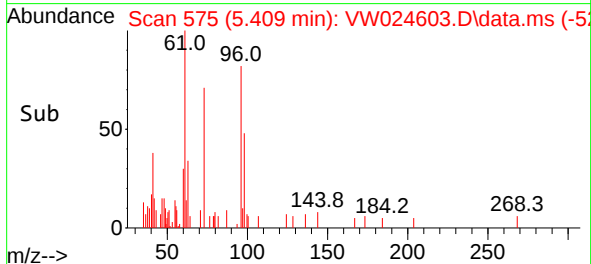
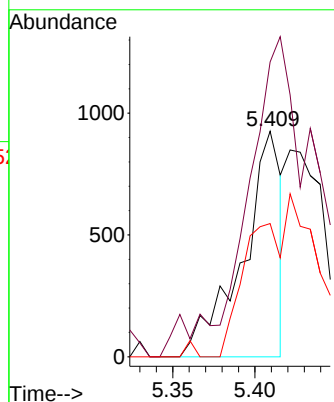
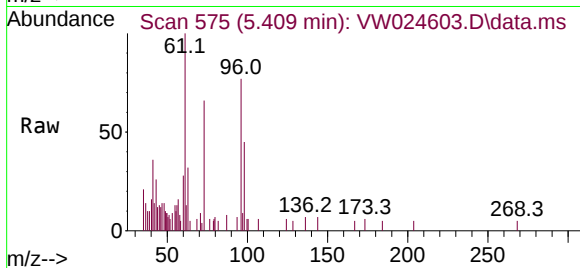




#17
trans-1,2-Dichloroethene
Concen: 0.545 ug/L
RT: 5.409 min Scan# 512
Delta R.T. -0.012 min
Lab File: VW024603.D
Acq: 12 Sep 2022 13:26

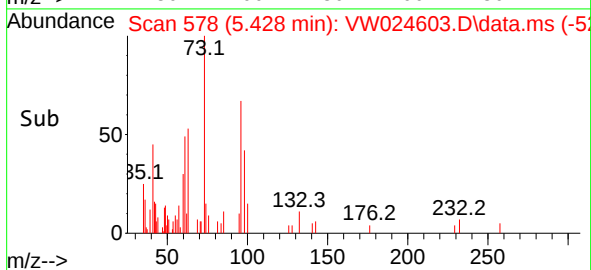
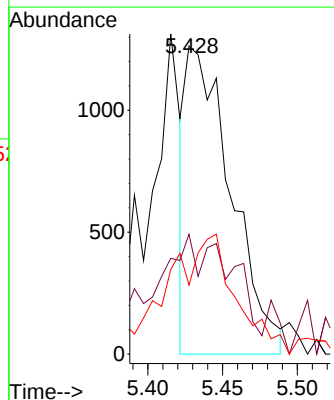
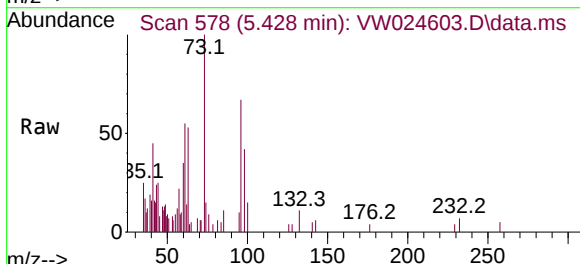
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

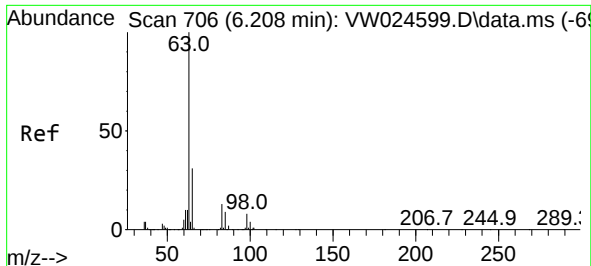
Tgt Ion: 96 Resp: 1512
Ion Ratio Lower Upper
96 100
61 130.7 91.7 170.3
98 59.1 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 0.537 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024603.D
Acq: 12 Sep 2022 13:26

Tgt Ion: 73 Resp: 2653
Ion Ratio Lower Upper
73 100
43 26.9 16.7 25.1#
57 22.1 16.8 25.2





#19

1,1-Dichloroethane

Concen: 0.535 ug/L

RT: 6.208 min Scan# 706

Delta R.T. 0.000 min

Lab File: VW024603.D

Acq: 12 Sep 2022 13:26

Instrument :

MSVOA_W

ClientSampleId :

MDL 1. PPB

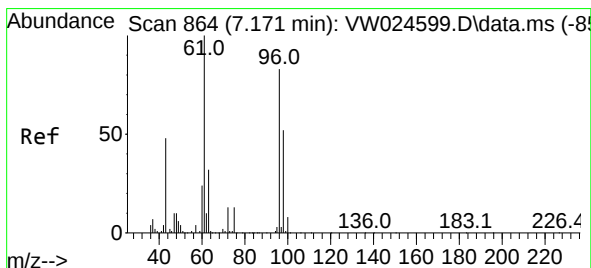
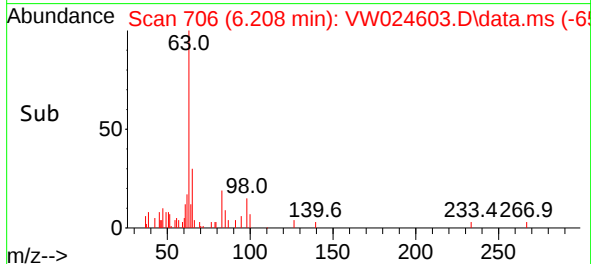
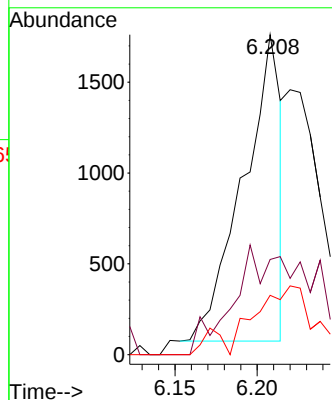
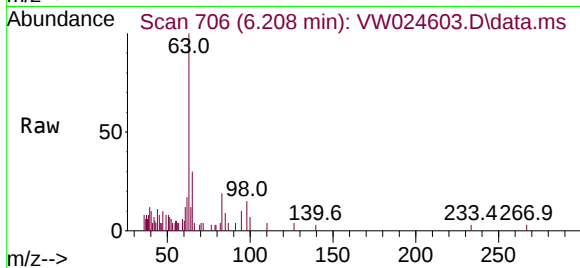
Tgt Ion: 63 Resp: 2704

Ion Ratio Lower Upper

63 100

65 29.7 22.0 41.0

83 18.6 9.5 17.7#



#20

cis-1,2-Dichloroethene

Concen: 0.014 ug/L

RT: 6.988 min Scan# 834

Delta R.T. -0.183 min

Lab File: VW024603.D

Acq: 12 Sep 2022 13:26

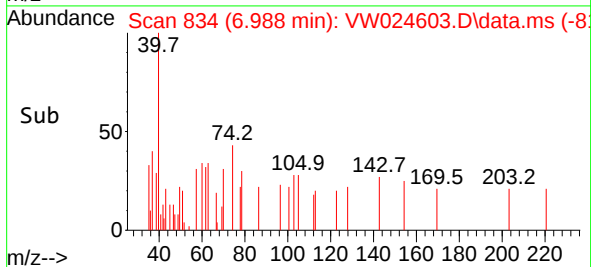
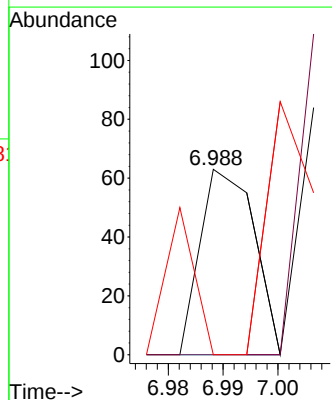
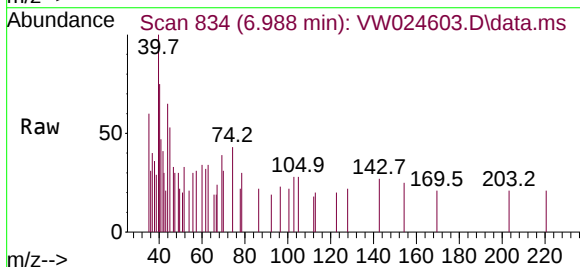
Tgt Ion: 96 Resp: 43

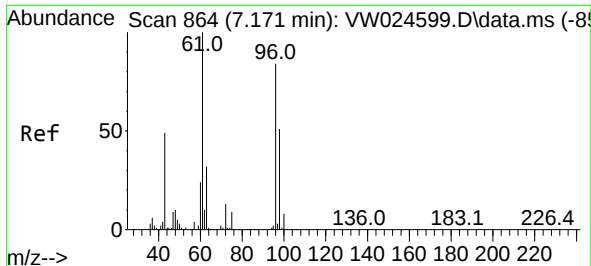
Ion Ratio Lower Upper

96 100

61 142.9 91.2 169.4

68 0.0 0.0 0.0

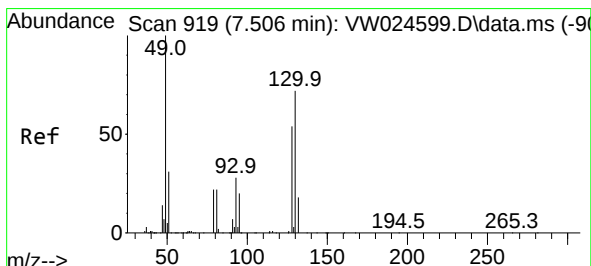
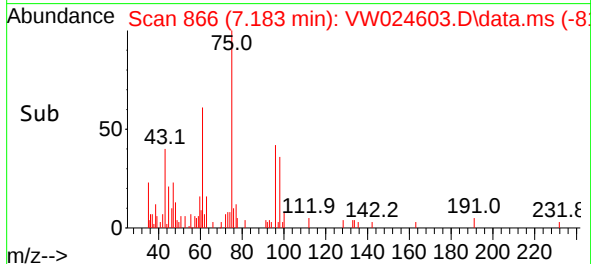
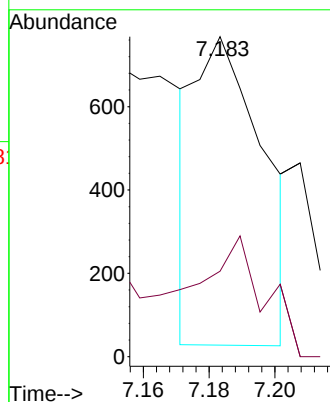
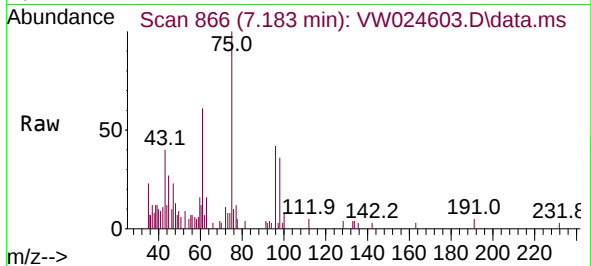




#22
2-Butanone
Concen: 1.086 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW024603.D
Acq: 12 Sep 2022 13:26

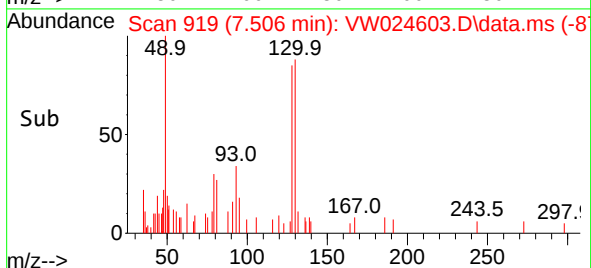
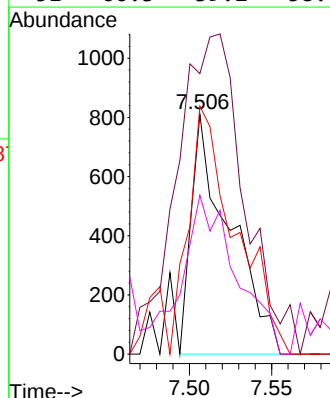
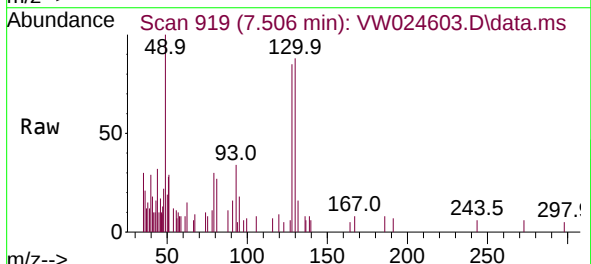
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

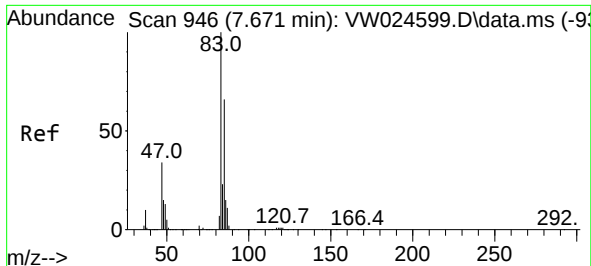
Tgt Ion: 43 Resp: 1055
Ion Ratio Lower Upper
43 100
72 43.7 15.4 46.4



#23
Bromochloromethane
Concen: 0.930 ug/L
RT: 7.506 min Scan# 919
Delta R.T. 0.000 min
Lab File: VW024603.D
Acq: 12 Sep 2022 13:26

Tgt Ion: 128 Resp: 1326
Ion Ratio Lower Upper
128 100
49 117.0 110.0 204.2
130 103.5 88.3 163.9
51 66.3 39.2 58.8

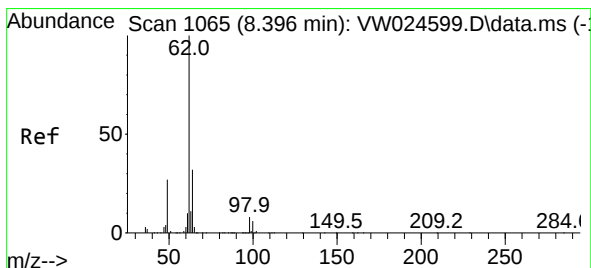
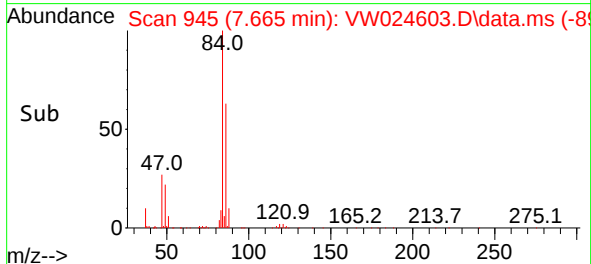
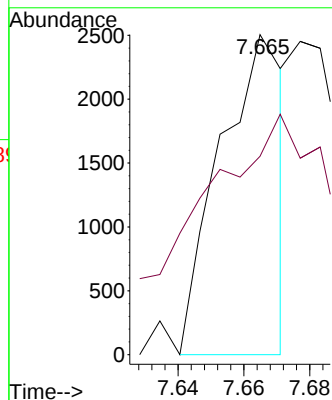
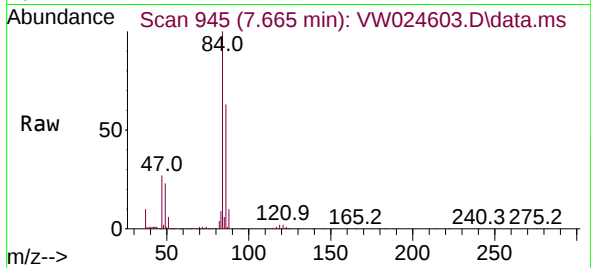




#25
Chloroform
Concen: 0.603 ug/L
RT: 7.665 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW024603.D
Acq: 12 Sep 2022 13:26

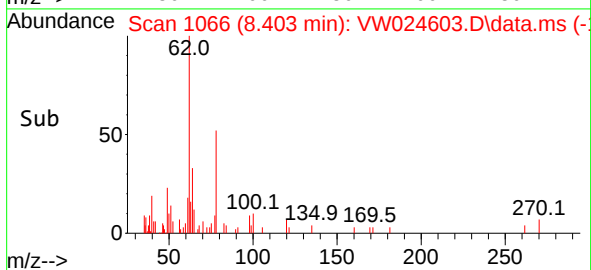
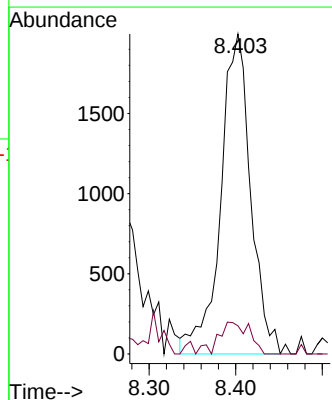
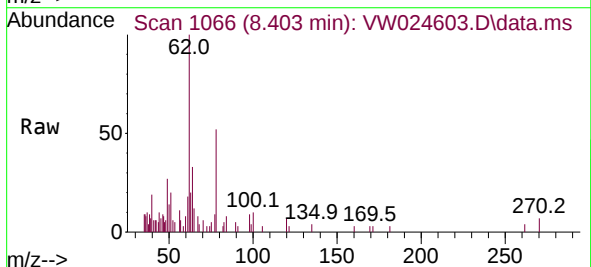
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

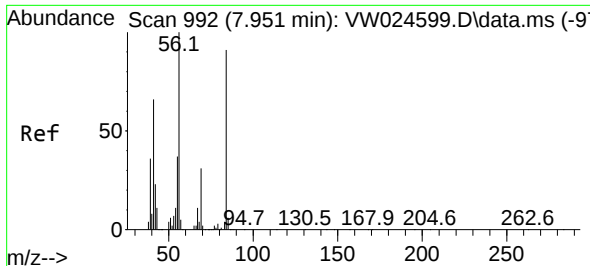
Tgt Ion: 83 Resp: 3385
Ion Ratio Lower Upper
83 100
85 62.0 46.4 86.2



#27
1,2-Dichloroethane
Concen: 1.275 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW024603.D
Acq: 12 Sep 2022 13:26

Tgt Ion: 62 Resp: 4808
Ion Ratio Lower Upper
62 100
98 8.8 7.4 11.0

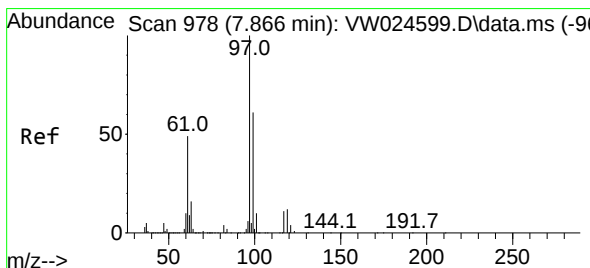
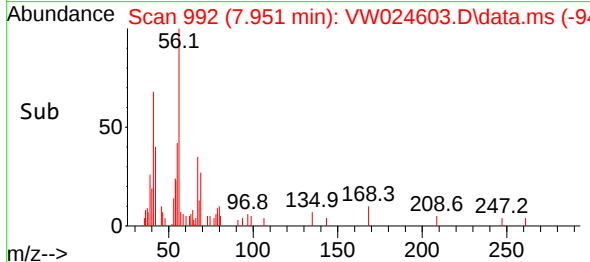
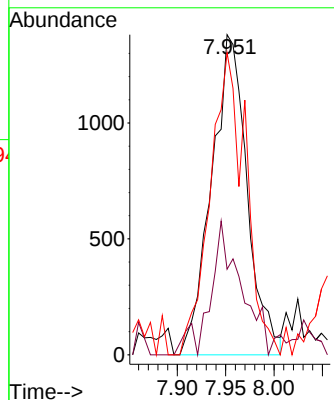
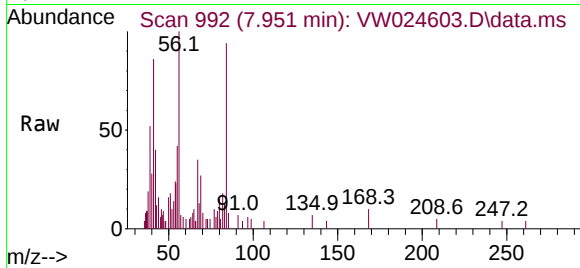




#29
Cyclohexane
Concen: 0.845 ug/L
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024603.D
Acq: 12 Sep 2022 13:26

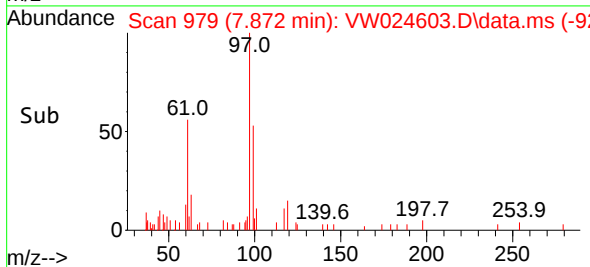
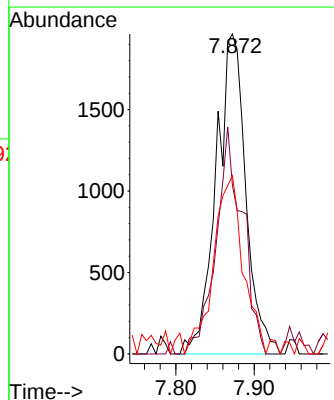
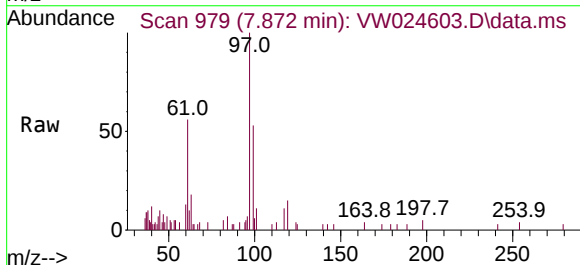
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

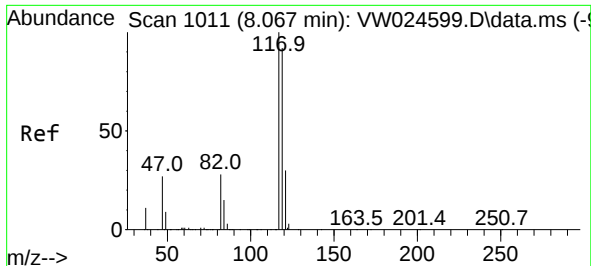
Tgt Ion: 56 Resp: 3531
Ion Ratio Lower Upper
56 100
69 17.3 24.5 36.7#
84 71.2 75.7 113.5#



#30
1,1,1-Trichloroethane
Concen: 1.095 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW024603.D
Acq: 12 Sep 2022 13:26

Tgt Ion: 97 Resp: 5185
Ion Ratio Lower Upper
97 100
99 44.4 51.5 77.3#
61 55.7 37.2 55.8

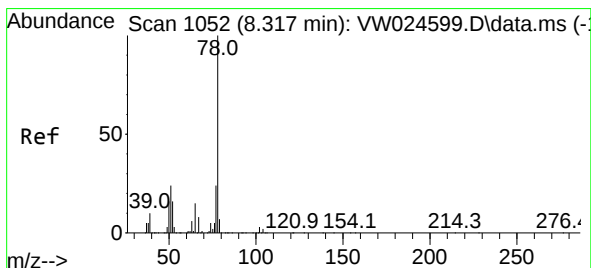
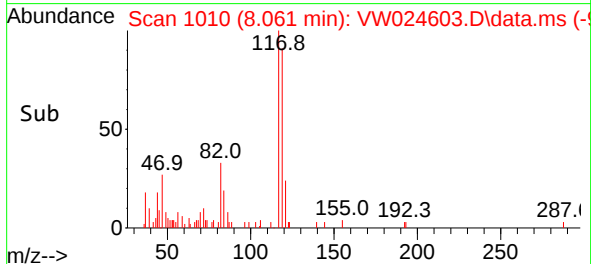
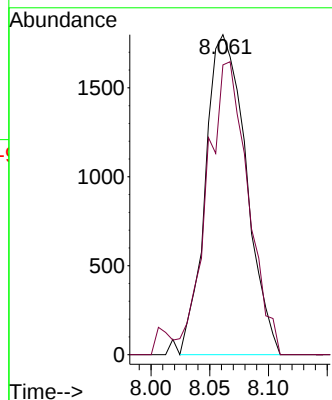
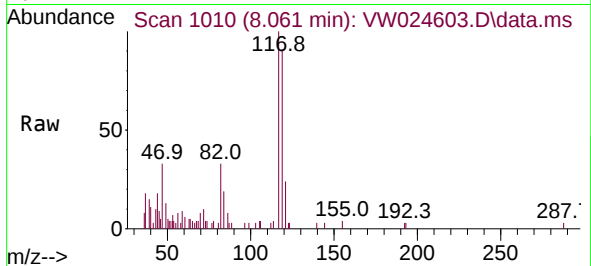




#31
Carbon tetrachloride
Concen: 1.000 ug/L
RT: 8.061 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW024603.D
Acq: 12 Sep 2022 13:26

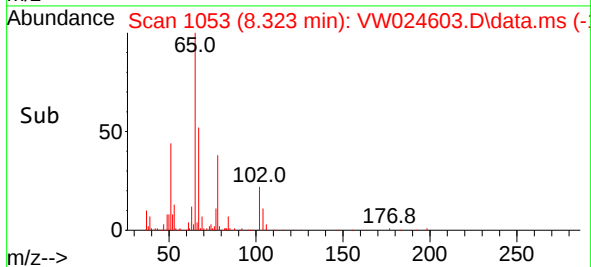
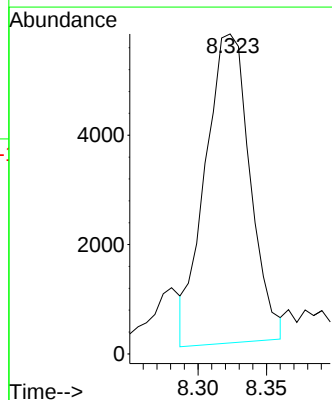
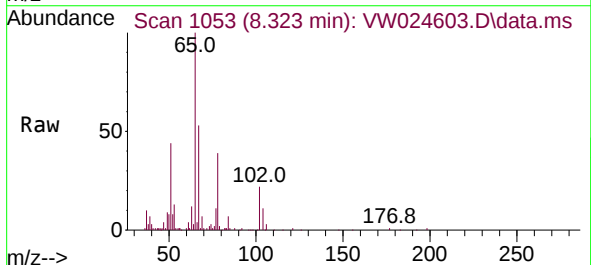
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

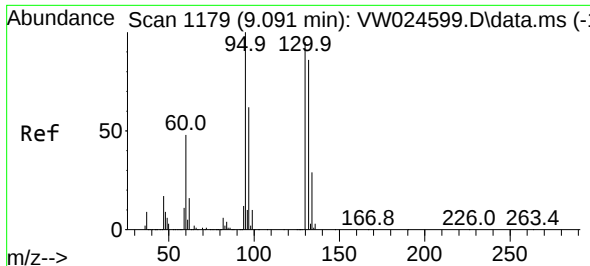
Tgt Ion:117 Resp: 4322
Ion Ratio Lower Upper
117 100
119 92.8 74.4 111.6



#33
Benzene
Concen: 1.049 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW024603.D
Acq: 12 Sep 2022 13:26

Tgt Ion: 78 Resp: 12854





#34

Trichloroethene

Concen: 1.089 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024603.D

Acq: 12 Sep 2022 13:26

Instrument :

MSVOA_W

ClientSampleId :

MDL 1. PPB

Tgt Ion: 95 Resp: 3484

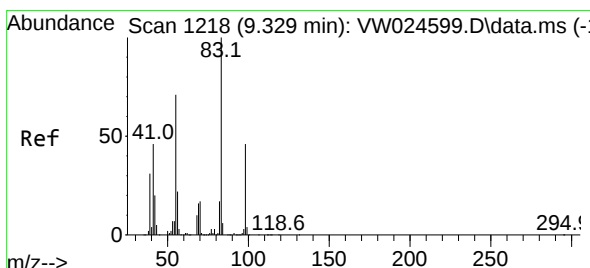
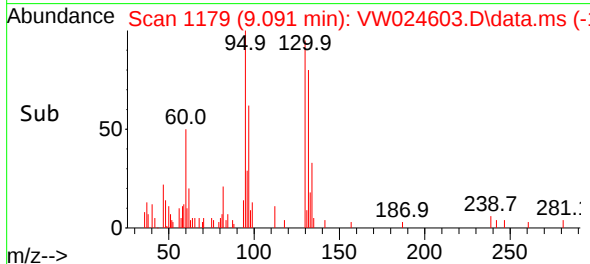
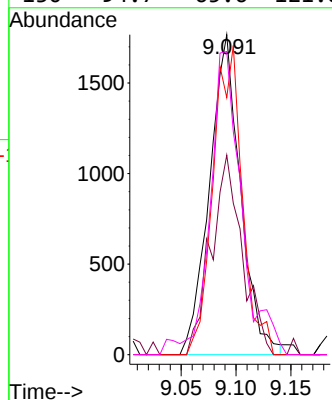
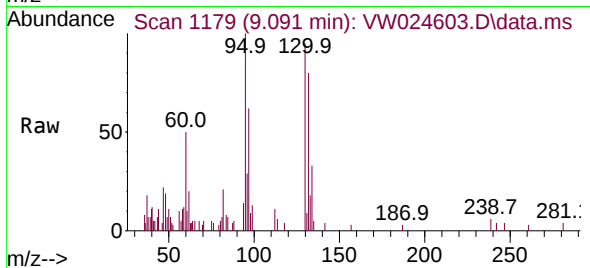
Ion Ratio Lower Upper

95 100

97 62.4 45.9 85.3

132 80.4 62.6 116.2

130 94.7 65.6 121.8



#35

Methylcyclohexane

Concen: 0.905 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VW024603.D

Acq: 12 Sep 2022 13:26

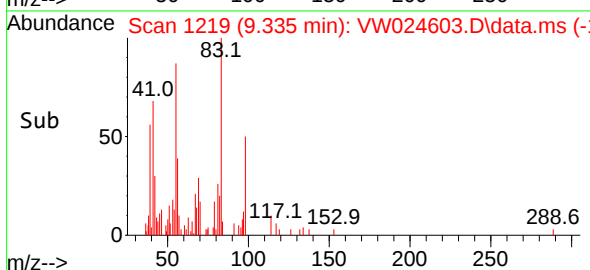
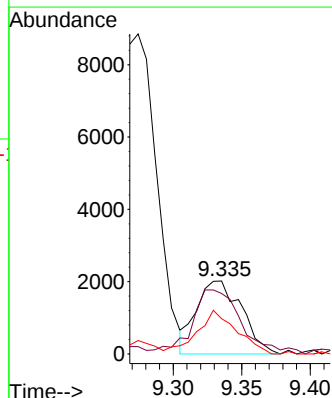
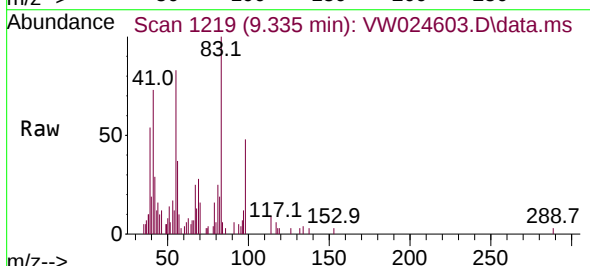
Tgt Ion: 83 Resp: 4633

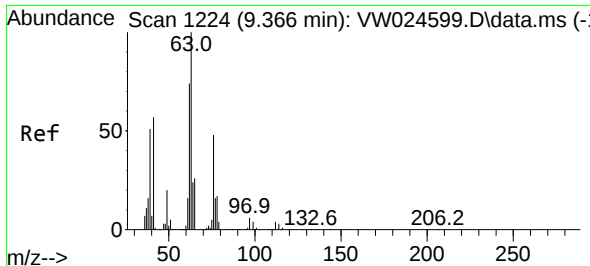
Ion Ratio Lower Upper

83 100

55 83.1 57.3 85.9

98 52.3 40.4 60.6





#37

1,2-Dichloropropane

Concen: 1.018 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024603.D

Acq: 12 Sep 2022 13:26

Instrument :

MSVOA_W

ClientSampleId :

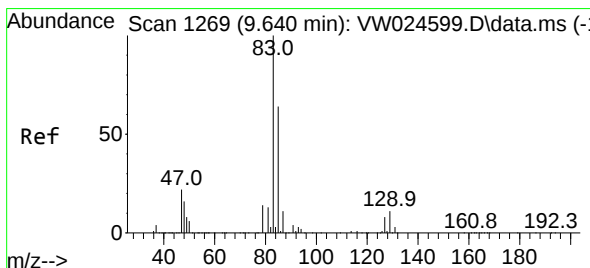
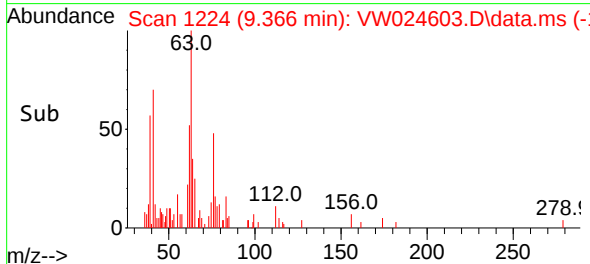
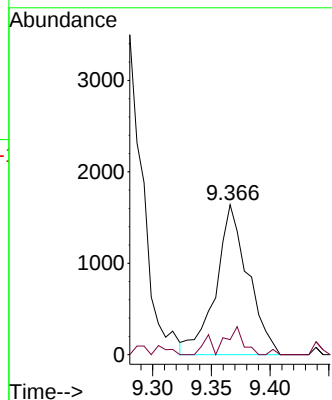
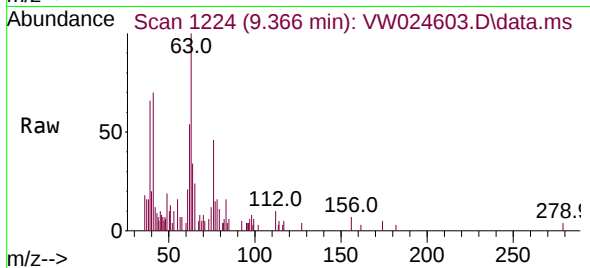
MDL 1. PPB

Tgt Ion: 63 Resp: 3115

Ion Ratio Lower Upper

63 100

112 9.6 3.9 5.9#



#38

Bromodichloromethane

Concen: 1.015 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW024603.D

Acq: 12 Sep 2022 13:26

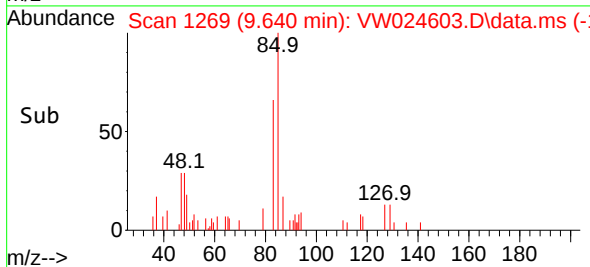
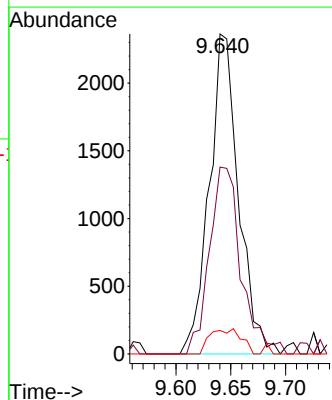
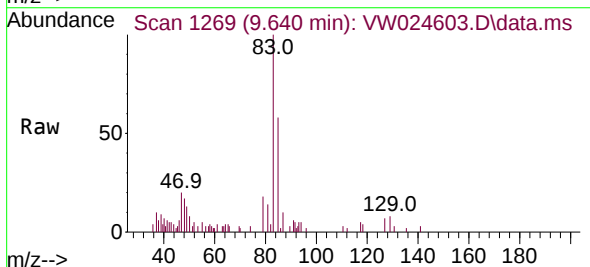
Tgt Ion: 83 Resp: 4389

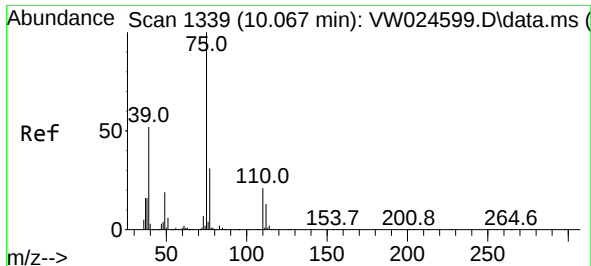
Ion Ratio Lower Upper

83 100

85 58.4 45.1 83.9

127 7.4 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 0.644 ug/L

RT: 10.030 min Scan# 11

Delta R.T. -0.036 min

Lab File: VW024603.D

Acq: 12 Sep 2022 13:26

Instrument :

MSVOA_W

ClientSampleId :

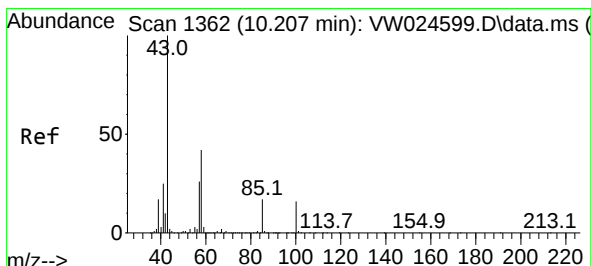
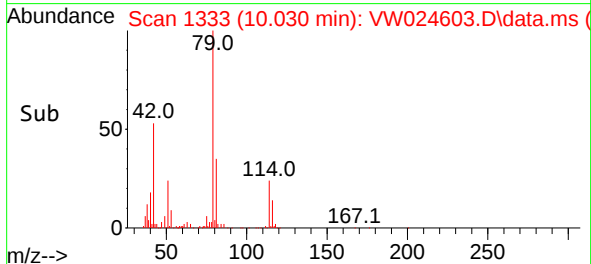
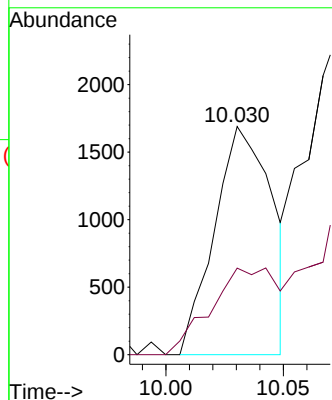
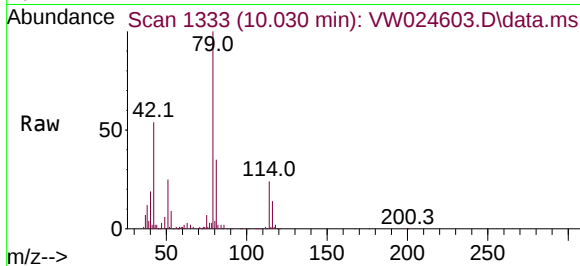
MDL 1. PPB

Tgt Ion: 75 Resp: 2880

Ion Ratio Lower Upper

75 100

77 37.9 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 1.773 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024603.D

Acq: 12 Sep 2022 13:26

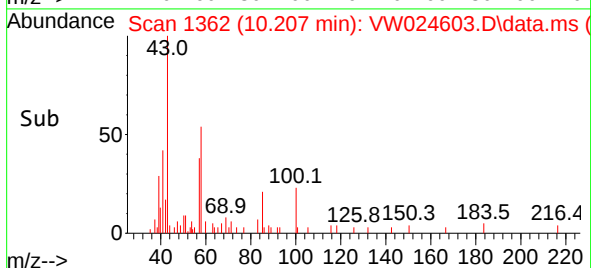
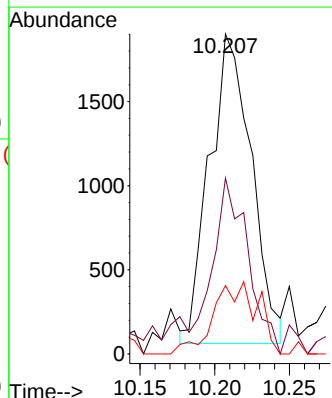
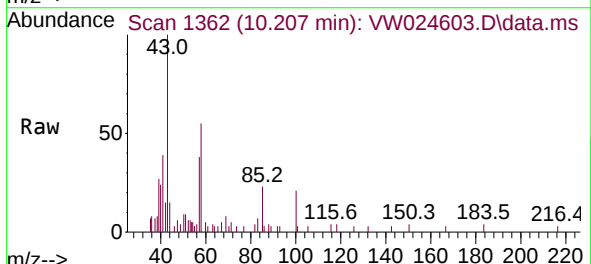
Tgt Ion: 43 Resp: 3578

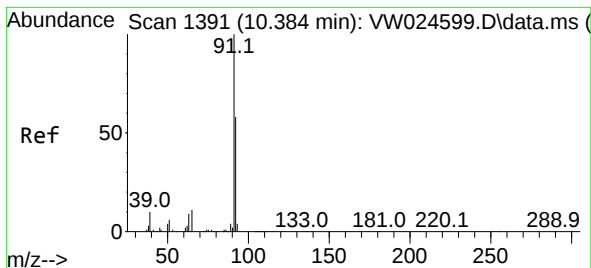
Ion Ratio Lower Upper

43 100

58 47.8 30.9 46.3#

100 9.3 13.3 19.9#





#42

Toluene

Concen: 1.051 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW024603.D

Acq: 12 Sep 2022 13:26

Instrument :

MSVOA_W

ClientSampleId :

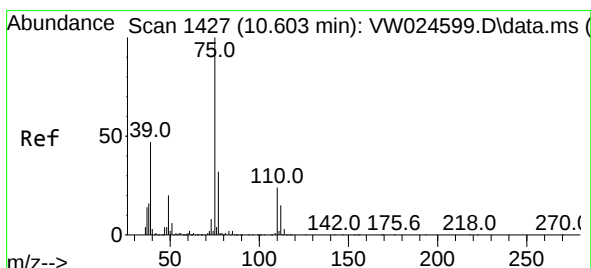
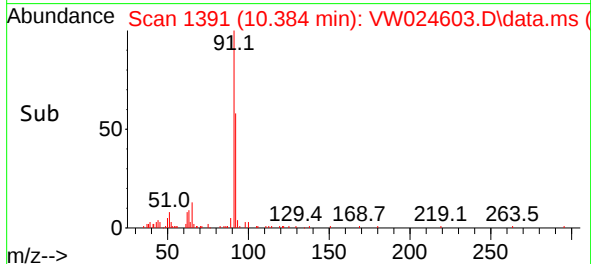
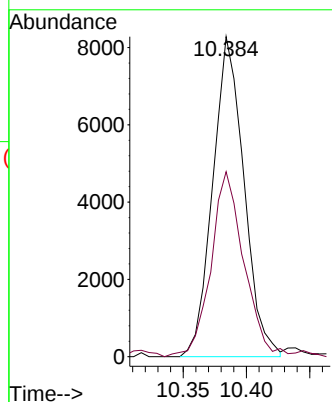
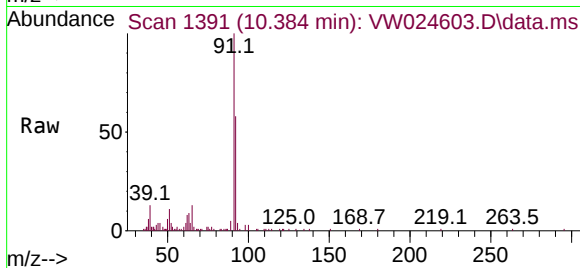
MDL 1. PPB

Tgt Ion: 91 Resp: 14190

Ion Ratio Lower Upper

91 100

92 57.8 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.784 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW024603.D

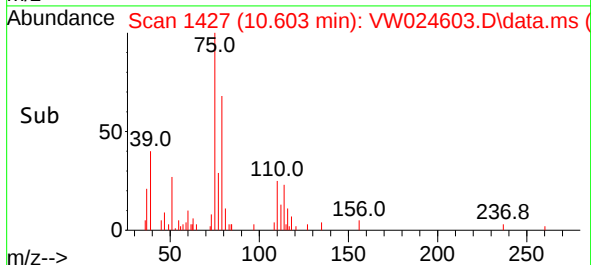
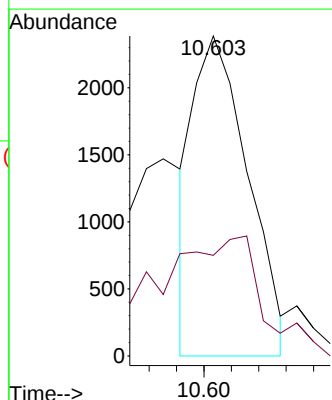
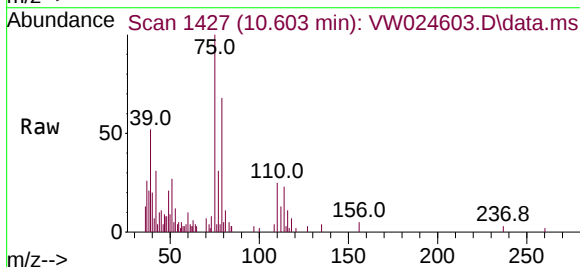
Acq: 12 Sep 2022 13:26

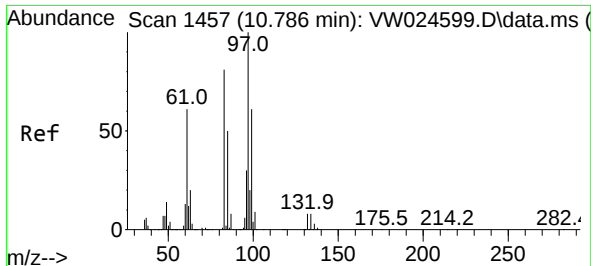
Tgt Ion: 75 Resp: 3313

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.4

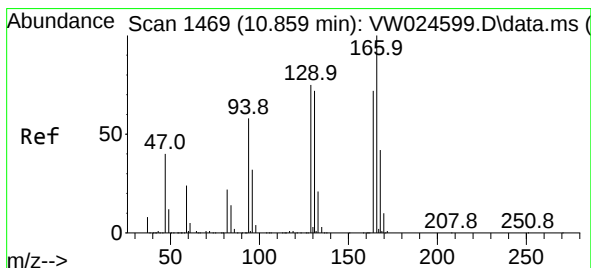
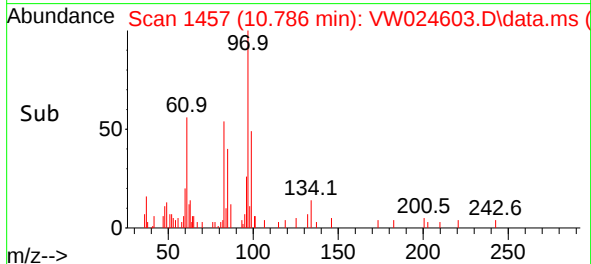
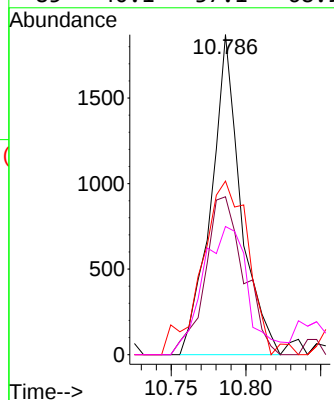
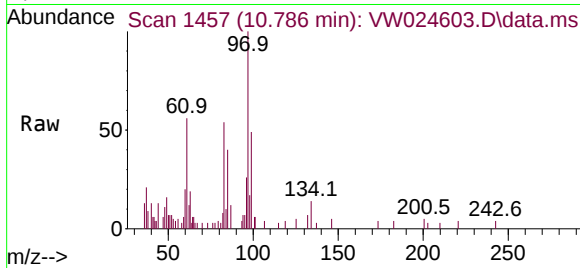




#45
1,1,2-Trichloroethane
Concen: 1.010 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024603.D
Acq: 12 Sep 2022 13:26

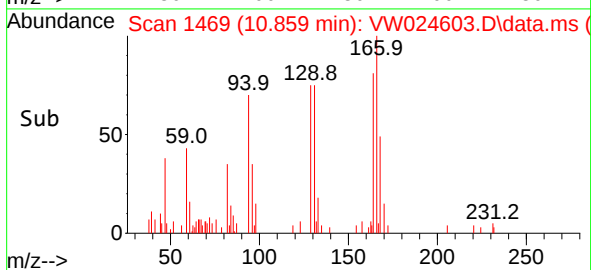
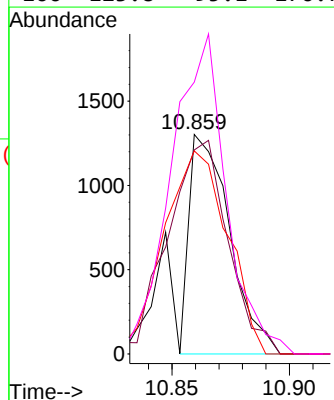
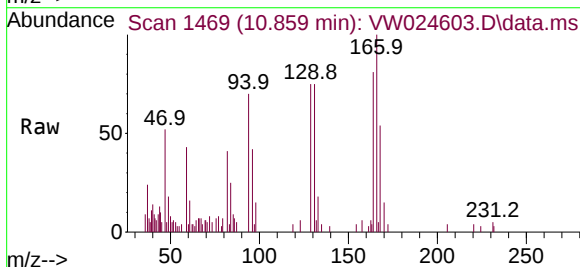
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

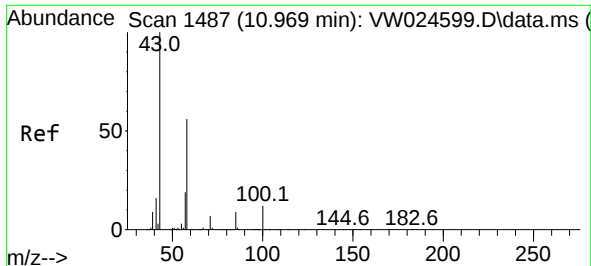
Tgt Ion: 97	Resp: 2582
Ion Ratio	Lower Upper
97 100	
99 49.4	41.9 77.9
83 54.3	58.2 108.0#
85 40.1	37.1 68.9



#46
Tetrachloroethene
Concen: 0.667 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024603.D
Acq: 12 Sep 2022 13:26

Tgt Ion:164	Resp:	1573	
Ion	Ratio	Lower	Upper
164	100		
129	92.9	75.0	139.2
131	92.5	70.1	130.1
166	123.8	95.1	176.7

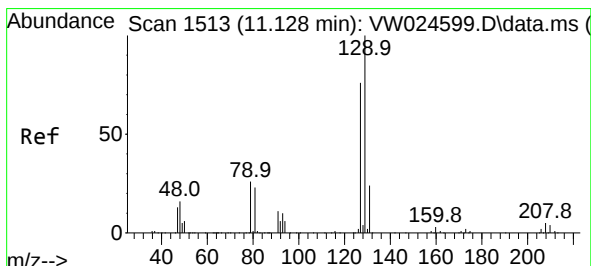
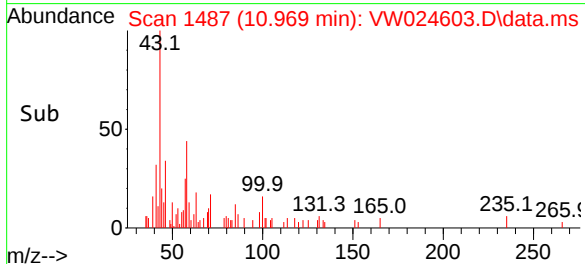
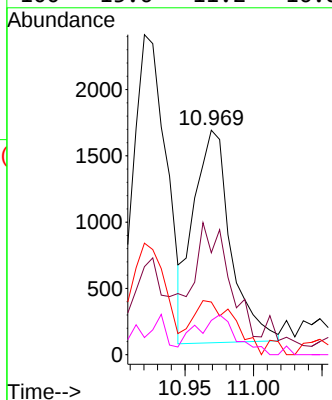
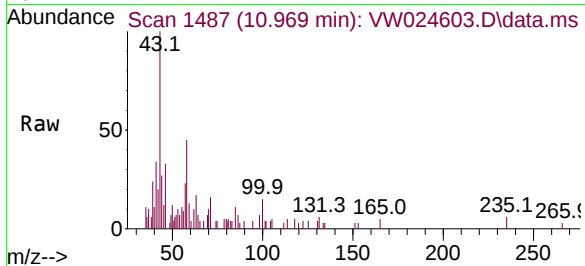




#48
2-Hexanone
Concen: 2.187 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024603.D
Acq: 12 Sep 2022 13:26

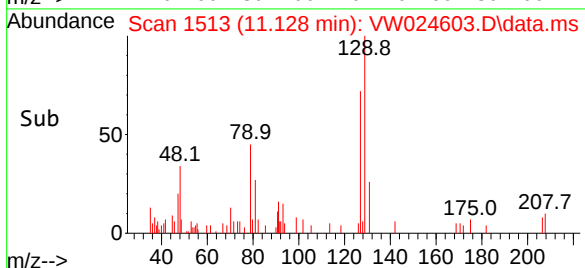
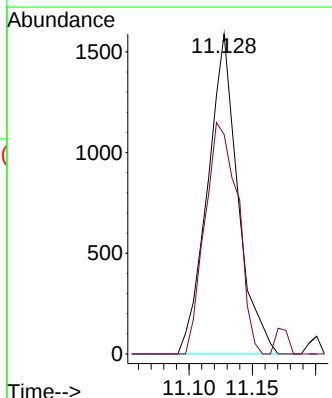
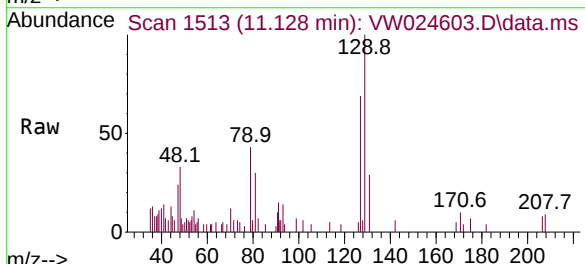
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

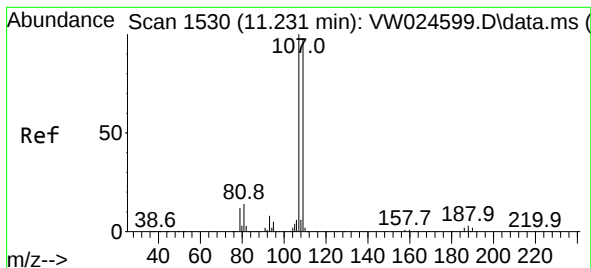
Tgt Ion: 43	Resp: 3027
Ion Ratio	Lower Upper
43 100	
58 59.0	43.7 65.5
57 29.5	15.3 22.9#
100 13.6	11.2 16.8



#49
Dibromochloromethane
Concen: 0.885 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024603.D
Acq: 12 Sep 2022 13:26

Tgt Ion:129	Resp:	2646	
Ion	Ratio	Lower	Upper
129	100		
127	68.6	56.1	104.1





#50

1,2-Dibromoethane

Concen: 0.940 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024603.D

Acq: 12 Sep 2022 13:26

Instrument :

MSVOA_W

ClientSampleId :

MDL 1. PPB

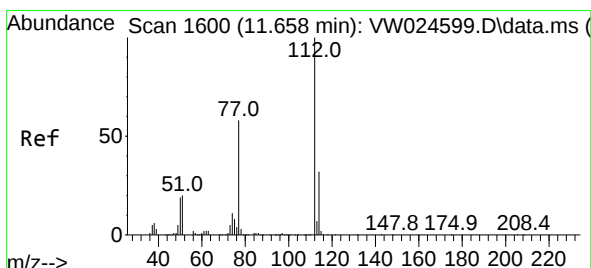
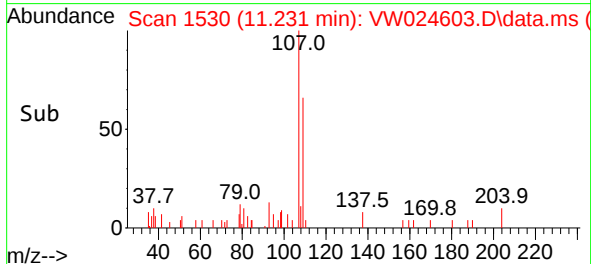
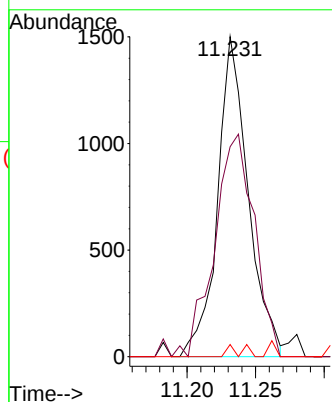
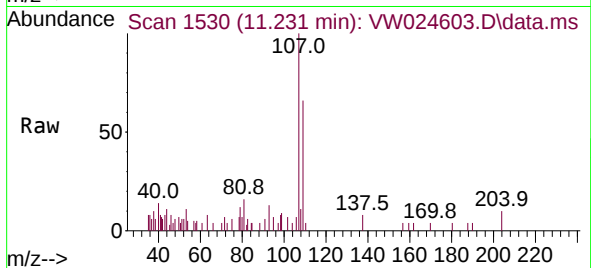
Tgt Ion:107 Resp: 2333

Ion Ratio Lower Upper

107 100

109 65.6 64.5 119.9

188 3.8 3.0 4.4



#51

Chlorobenzene

Concen: 1.051 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW024603.D

Acq: 12 Sep 2022 13:26

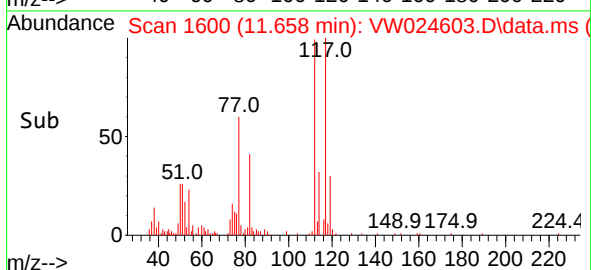
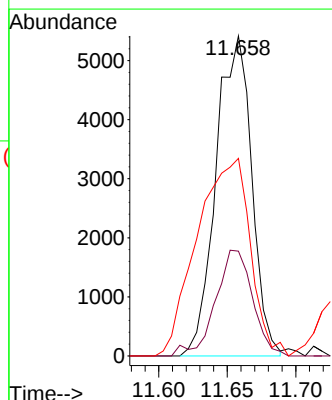
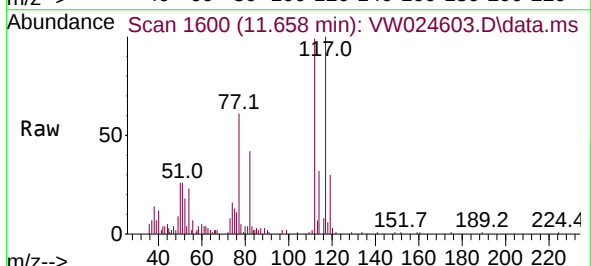
Tgt Ion:112 Resp: 9808

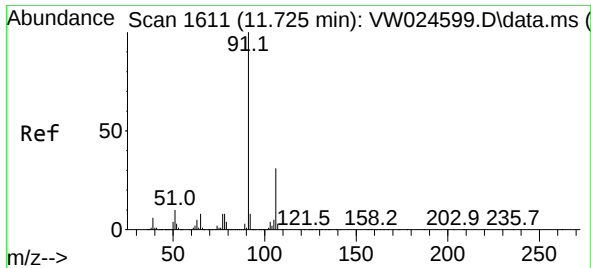
Ion Ratio Lower Upper

112 100

114 32.7 20.0 37.2

77 61.8 42.6 63.8

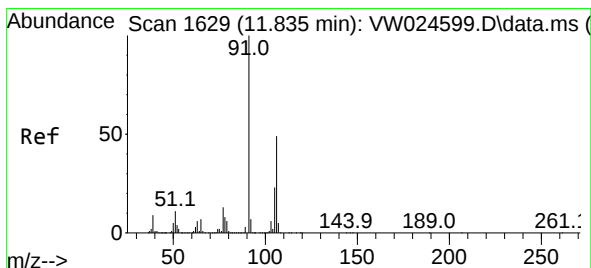
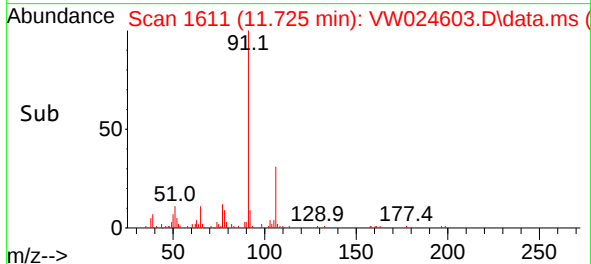
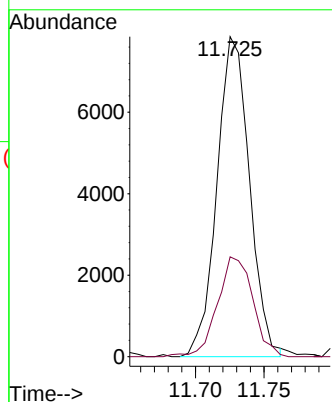
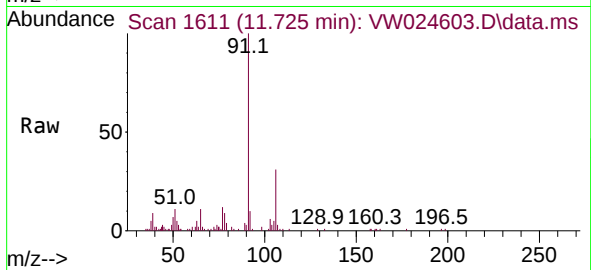




#52
Ethylbenzene
Concen: 0.846 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024603.D
Acq: 12 Sep 2022 13:26

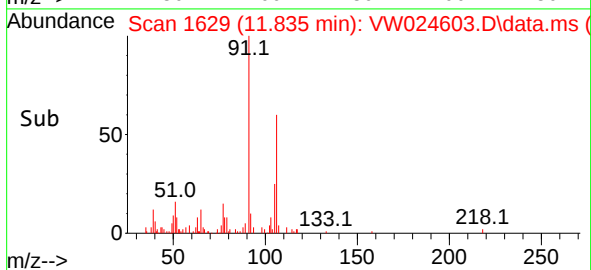
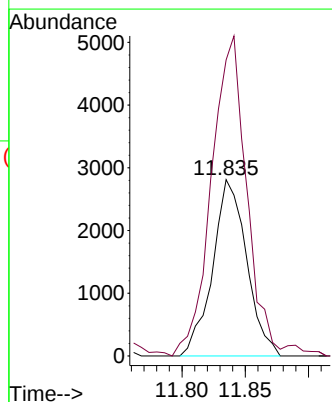
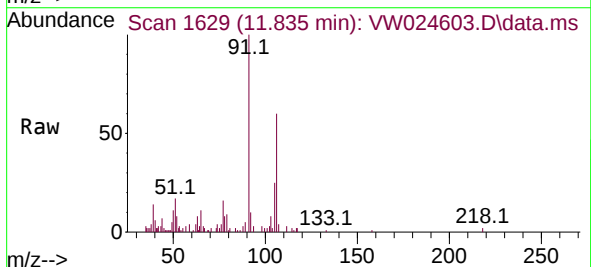
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

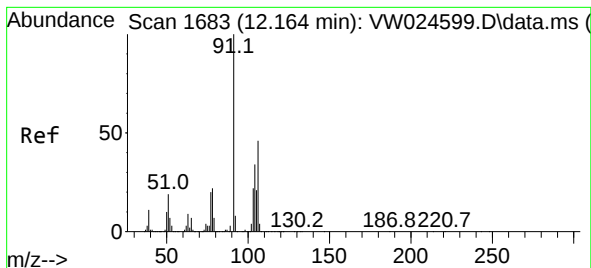
Tgt Ion: 91 Resp: 12970
Ion Ratio Lower Upper
91 100
106 31.2 23.8 44.2



#53
m,p-Xylene
Concen: 0.878 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024603.D
Acq: 12 Sep 2022 13:26

Tgt Ion: 106 Resp: 5262
Ion Ratio Lower Upper
106 100
91 167.9 131.3 243.8





#54

o-Xylene

Concen: 0.716 ug/L

RT: 12.158 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW024603.D

Acq: 12 Sep 2022 13:26

Instrument :

MSVOA_W

ClientSampleId :

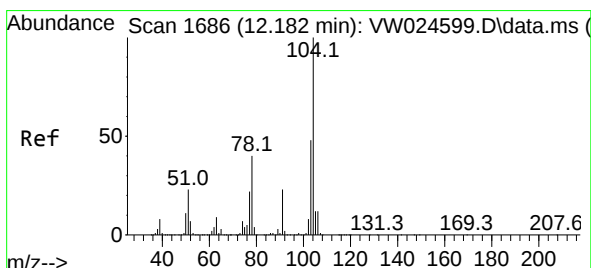
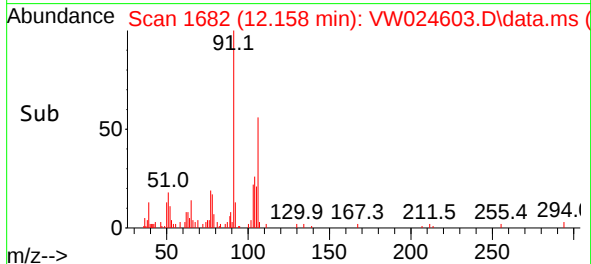
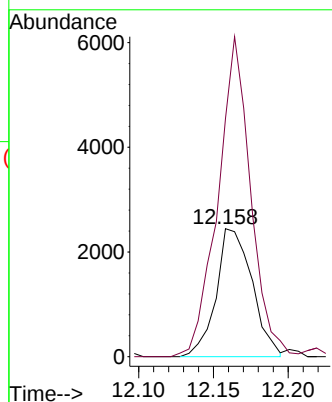
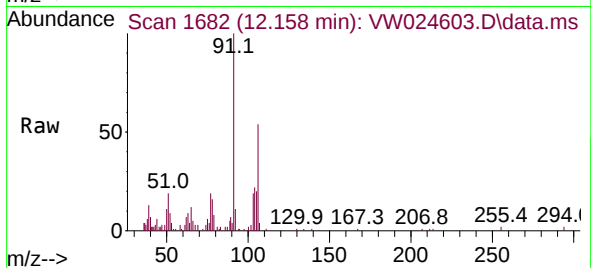
MDL 1. PPB

Tgt Ion:106 Resp: 4086

Ion Ratio Lower Upper

106 100

91 186.1 148.7 276.3



#55

Styrene

Concen: 0.698 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VW024603.D

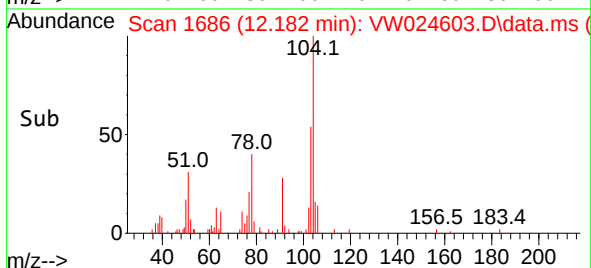
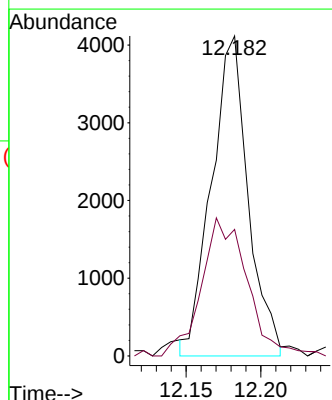
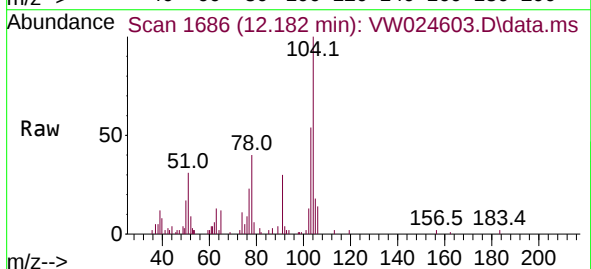
Acq: 12 Sep 2022 13:26

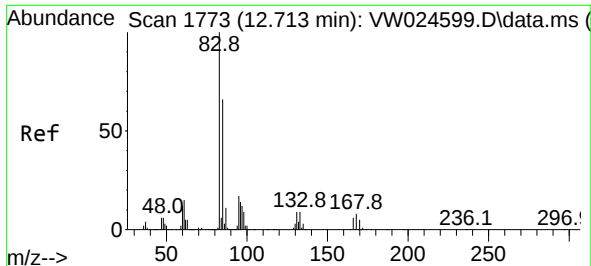
Tgt Ion:104 Resp: 7005

Ion Ratio Lower Upper

104 100

78 39.6 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 0.974 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024603.D

Acq: 12 Sep 2022 13:26

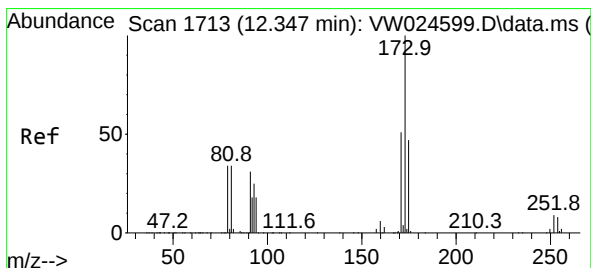
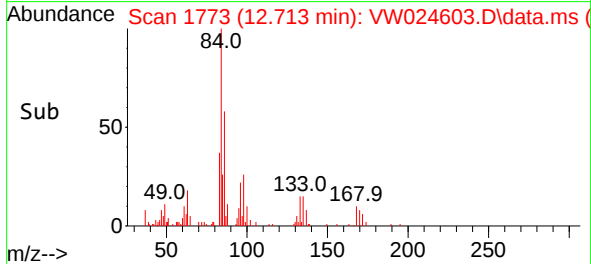
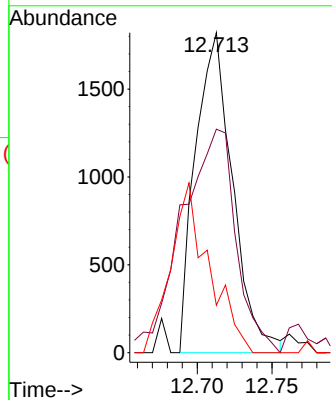
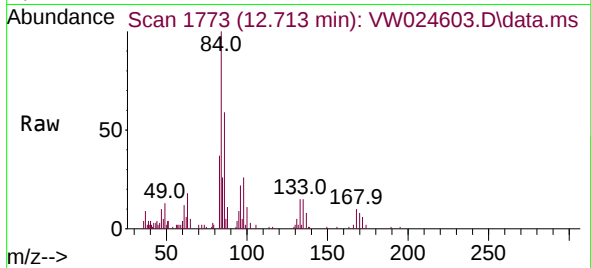
Instrument :

MSVOA_W

ClientSampleId :

MDL 1. PPB

Tgt Ion: 83	Resp:	3153
Ion Ratio	Lower	Upper
83	100	
85	69.9	45.6 84.8
131	14.8	9.0 13.4#



#59

Bromoform

Concen: 1.026 ug/L

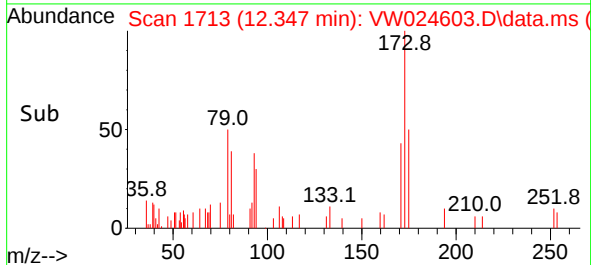
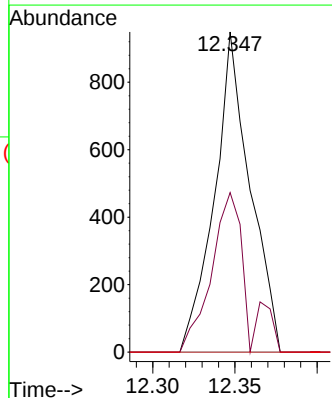
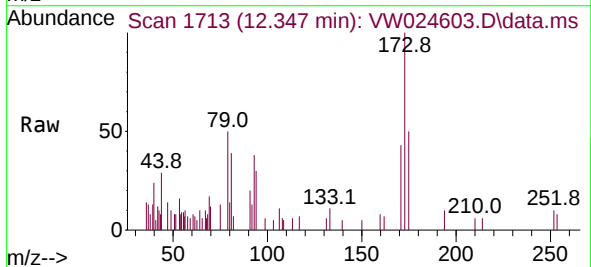
RT: 12.347 min Scan# 1713

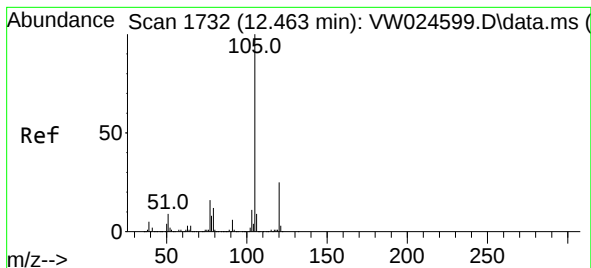
Delta R.T. 0.000 min

Lab File: VW024603.D

Acq: 12 Sep 2022 13:26

Tgt Ion: 173	Resp:	1432
Ion Ratio	Lower	Upper
173	100	
175	41.4	40.5 60.7
254	0.0	6.4 9.6#





#60

Isopropylbenzene

Concen: 0.835 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW024603.D

Acq: 12 Sep 2022 13:26

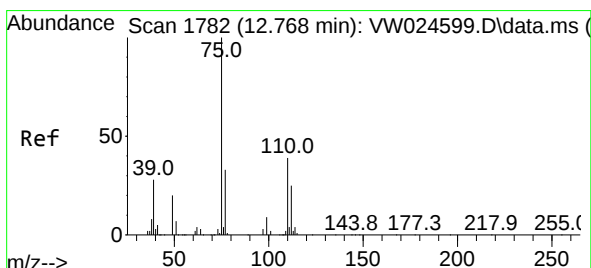
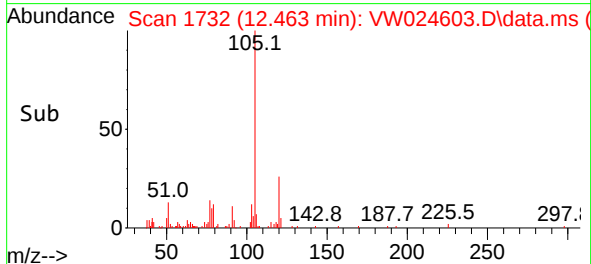
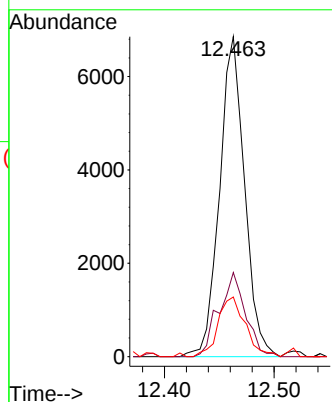
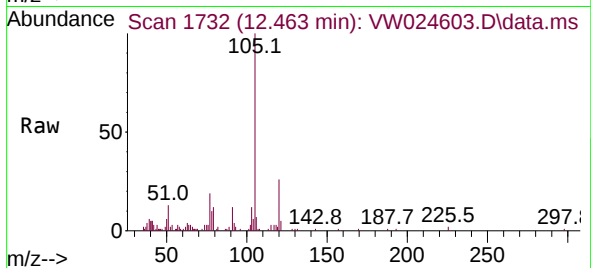
Instrument :

MSVOA_W

ClientSampleId :

MDL 1. PPB

Tgt Ion:	105	Resp:	10852
Ion	Ratio	Lower	Upper
105	100		
120	27.9	20.9	31.3
77	20.4	12.6	19.0



#61

1,2,3-Trichloropropane

Concen: 1.188 ug/L

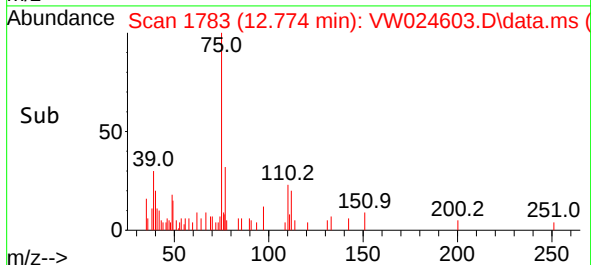
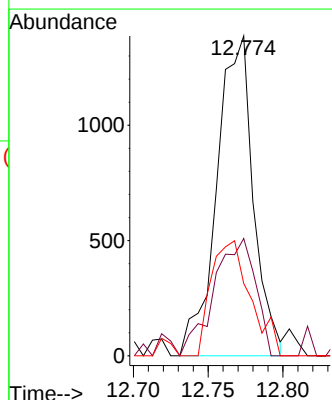
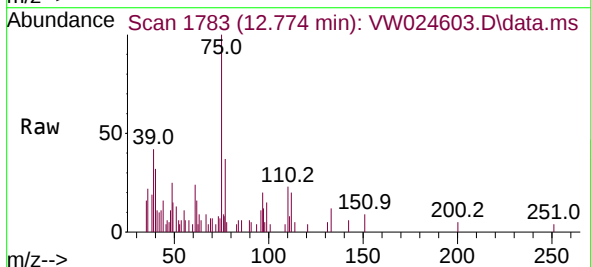
RT: 12.774 min Scan# 1783

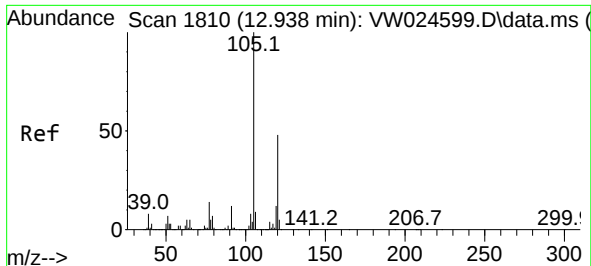
Delta R.T. 0.006 min

Lab File: VW024603.D

Acq: 12 Sep 2022 13:26

Tgt Ion:	75	Resp:	2360
Ion	Ratio	Lower	Upper
75	100		
77	36.0	26.8	40.2
110	38.6	33.8	50.8

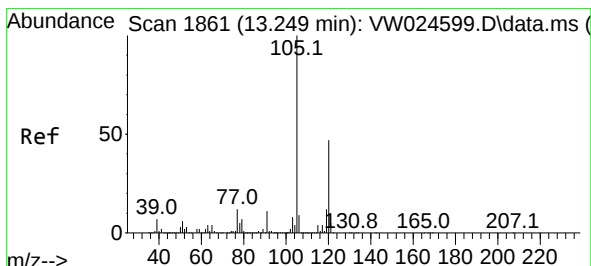
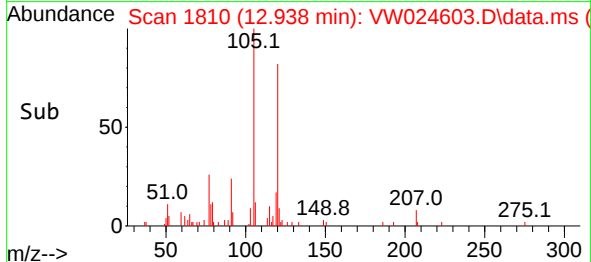
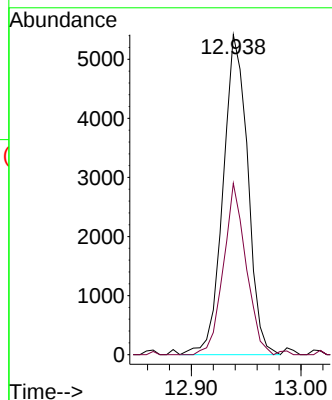
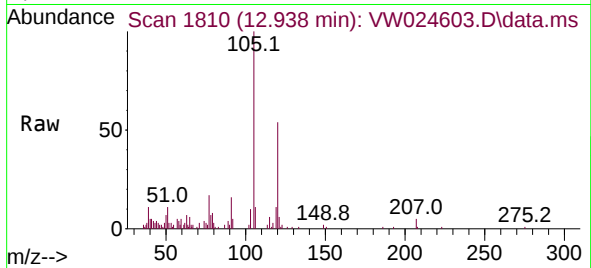




#62
1,3,5-Trimethylbenzene
Concen: 0.784 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024603.D
Acq: 12 Sep 2022 13:26

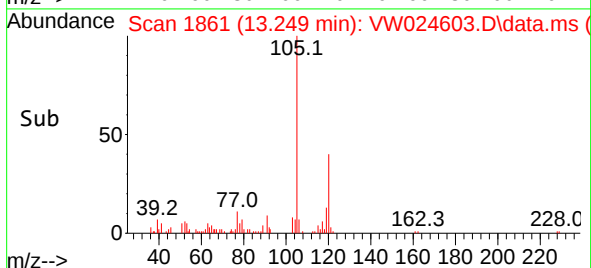
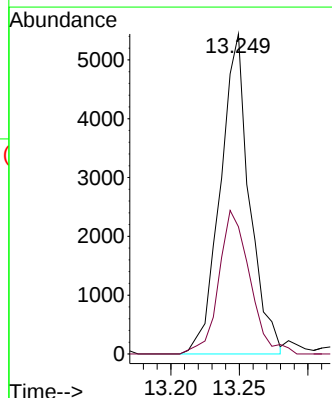
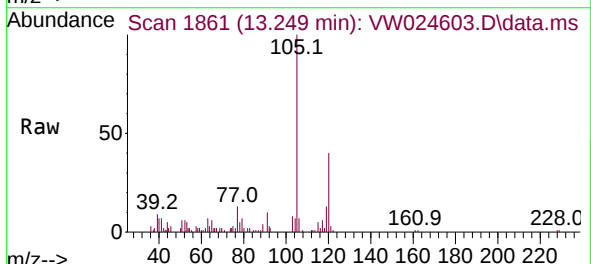
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

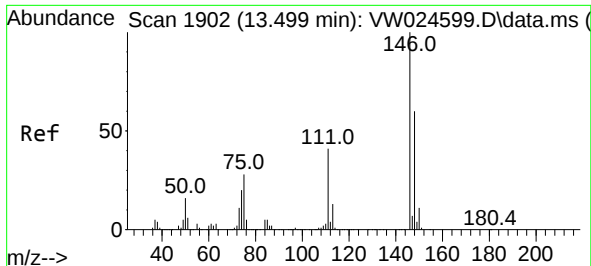
Tgt Ion:105 Resp: 8467
Ion Ratio Lower Upper
105 100
120 49.0 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 0.752 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW024603.D
Acq: 12 Sep 2022 13:26

Tgt Ion:105 Resp: 8084
Ion Ratio Lower Upper
105 100
120 46.3 36.7 55.1

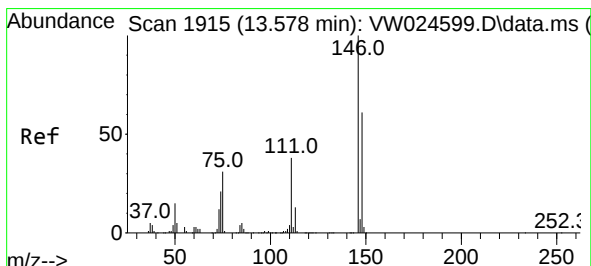
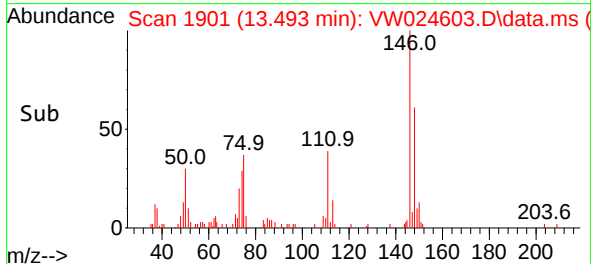
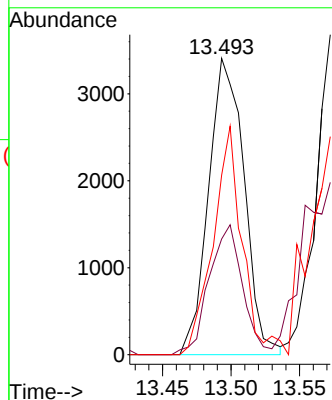
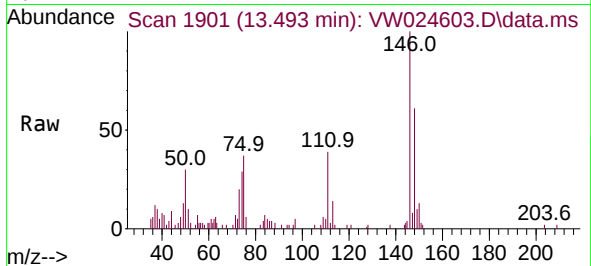




#64
1,3-Dichlorobenzene
Concen: 1.051 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW024603.D
Acq: 12 Sep 2022 13:26

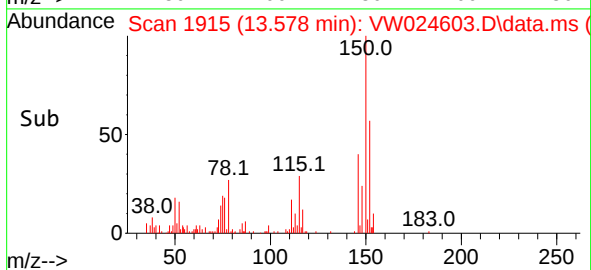
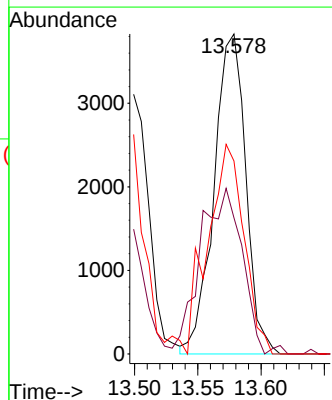
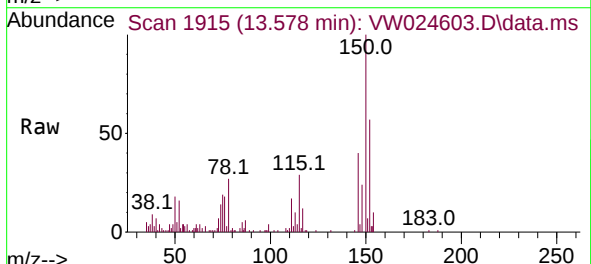
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

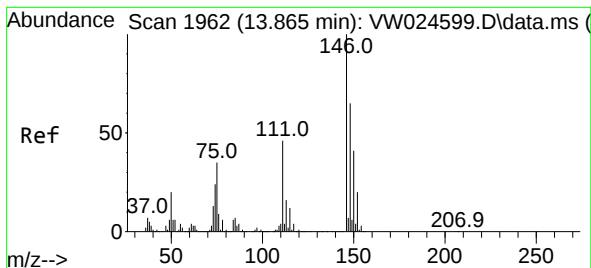
Tgt Ion:146 Resp: 6156
Ion Ratio Lower Upper
146 100
111 39.0 28.3 52.5
148 60.6 42.2 78.4



#65
1,4-Dichlorobenzene
Concen: 1.083 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW024603.D
Acq: 12 Sep 2022 13:26

Tgt Ion:146 Resp: 6686
Ion Ratio Lower Upper
146 100
111 42.6 29.3 54.3
148 60.3 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 1.171 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024603.D

Acq: 12 Sep 2022 13:26

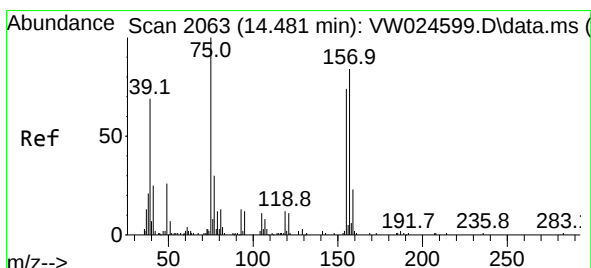
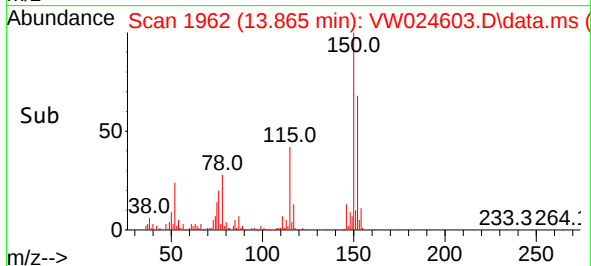
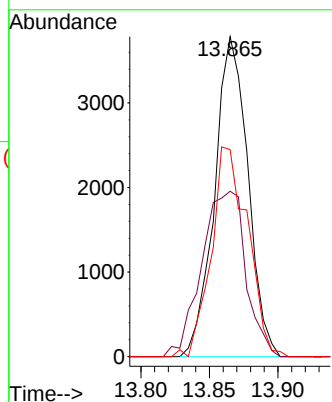
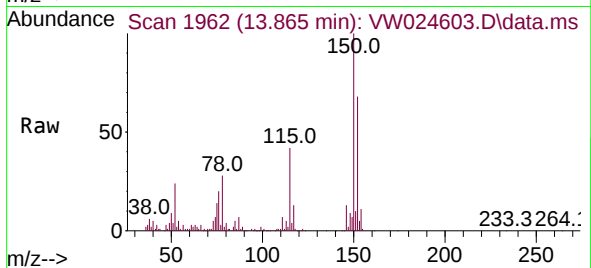
Instrument :

MSVOA_W

ClientSampleId :

MDL 1. PPB

Tgt Ion:	146	Resp:	6394
Ion Ratio	Lower	Upper	
146	100		
111	51.7	32.2	48.4#
148	64.7	48.3	72.5



#68

1,2-Dibromo-3-chloropropane

Concen: 2.243 ug/L

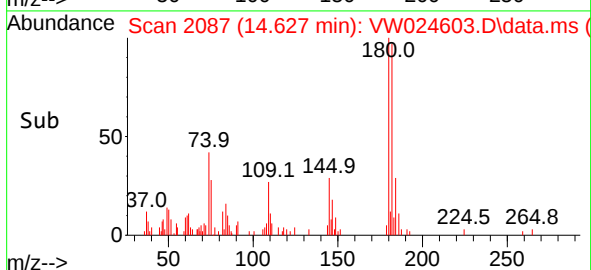
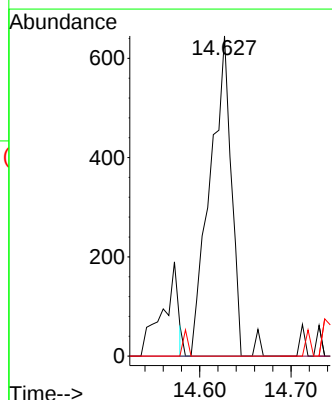
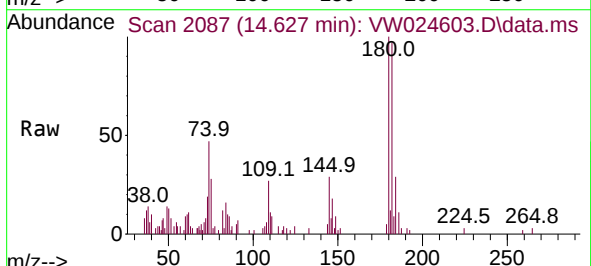
RT: 14.627 min Scan# 2087

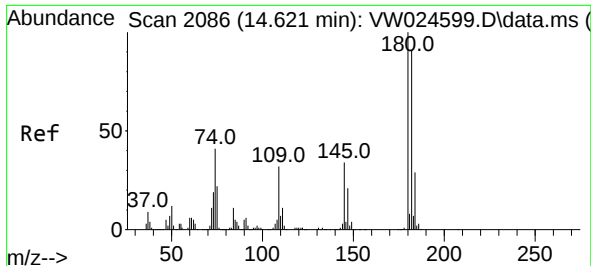
Delta R.T. 0.146 min

Lab File: VW024603.D

Acq: 12 Sep 2022 13:26

Tgt Ion:	75	Resp:	1054
Ion Ratio	Lower	Upper	
75	100		
155	0.0	66.3	99.5#
157	0.0	77.6	116.4#





#69

1,3,5-Trichlorobenzene

Concen: 1.054 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW024603.D

Acq: 12 Sep 2022 13:26

Instrument :

MSVOA_W

ClientSampleId :

MDL 1. PPB

Tgt Ion:180 Resp: 4010

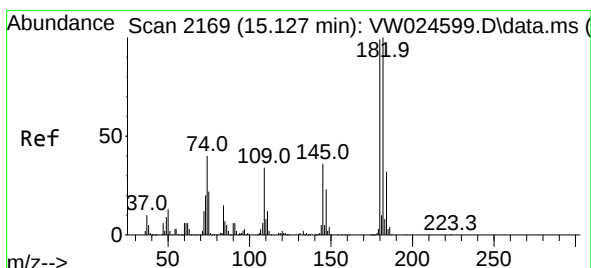
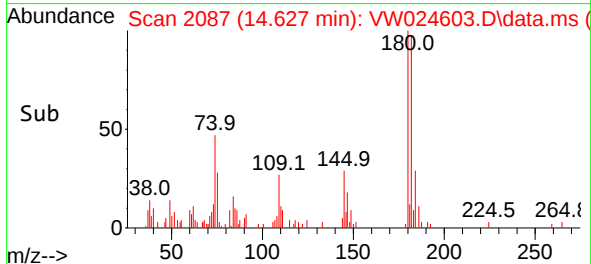
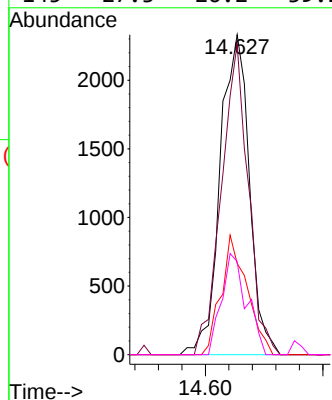
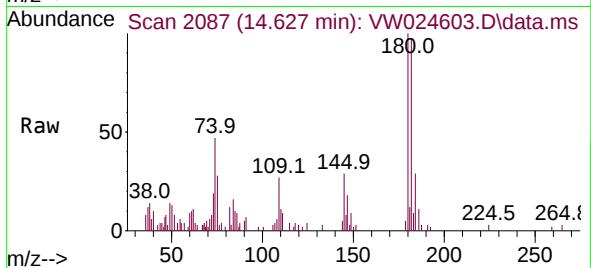
Ion Ratio Lower Upper

180 100

182 89.6 72.4 108.6

184 33.3 22.8 34.2

145 27.3 26.2 39.2



#70

1,2,4-trichlorobenzene

Concen: 0.988 ug/L

RT: 15.121 min Scan# 2168

Delta R.T. -0.006 min

Lab File: VW024603.D

Acq: 12 Sep 2022 13:26

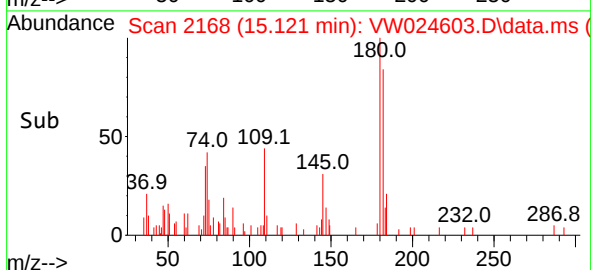
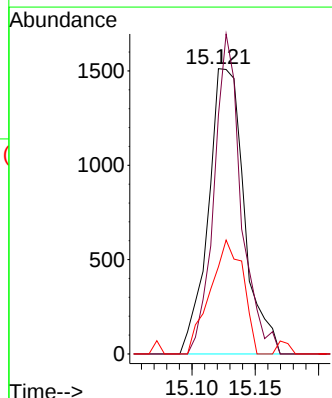
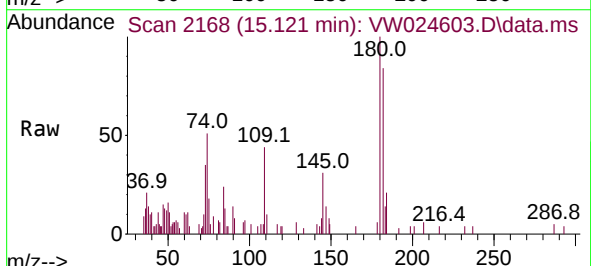
Tgt Ion:180 Resp: 2983

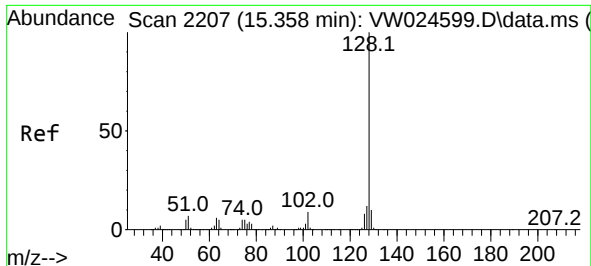
Ion Ratio Lower Upper

180 100

182 84.7 73.8 110.6

145 36.6 26.6 39.8

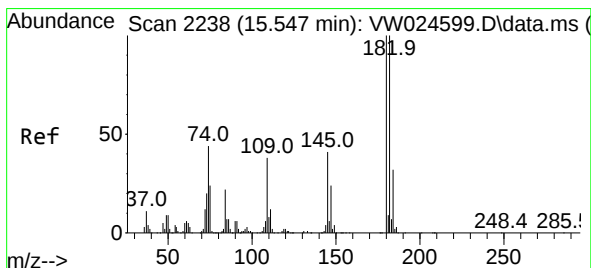
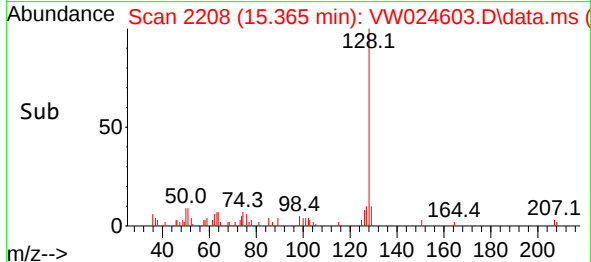
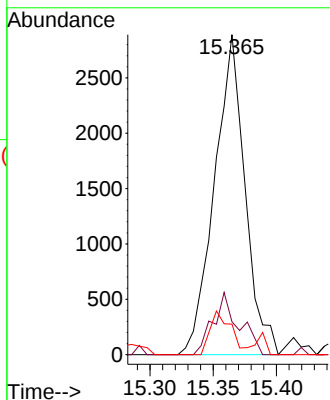
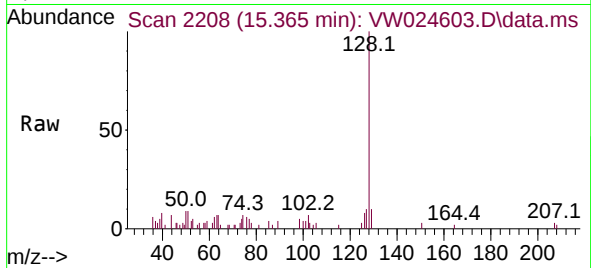




#71
Naphthalene
Concen: 0.727 ug/L
RT: 15.365 min Scan# 2207
Delta R.T. 0.006 min
Lab File: VW024603.D
Acq: 12 Sep 2022 13:26

Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

Tgt Ion:	128	Resp:	4854
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.7	16.1
129	9.1	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 0.869 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW024603.D
Acq: 12 Sep 2022 13:26

Tgt Ion:	180	Resp:	2442
Ion Ratio	Lower	Upper	
180	100		
182	105.6	78.7	118.1
145	40.1	28.1	42.1

