

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091222\
 Data File : VW024605.D
 Acq On : 12 Sep 2022 14:15
 Operator : SY/VA
 Sample : MDL 1. PPB
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL 1. PPB

Quant Time: Sep 13 02:54:23 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	191313	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	201703	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	90751	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	141003	35.698	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	142.800%
7) Chloroethane-d5	2.873	69	109420	37.256	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	149.040%
11) 1,1-Dichloroethene-d2	4.007	63	73667m	17.677	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.720%
21) 2-Butanone-d5	7.080	46	37573	58.967	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.940%
24) Chloroform-d	7.647	84	119220	24.468	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.880%
26) 1,2-Dichloroethane-d4	8.305	65	78242	28.480	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.920%
32) Benzene-d6	8.275	84	237859	23.974	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.880%
36) 1,2-Dichloropropane-d6	9.268	67	68665	23.473	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.880%
41) Toluene-d8	10.323	98	227627	23.534	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.120%
43) trans-1,3-Dichloroprop...	10.573	79	30145	22.995	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.960%
47) 2-Hexanone-d5	10.927	63	29432	54.737	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.480%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	68656	24.487	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	73843	25.690	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	1555	1.697	ug/L	96
3) Chloromethane	2.215	50	5355	1.879	ug/L	93
5) Vinyl chloride	2.349	62	9451m	1.967	ug/L	
6) Bromomethane	2.763	94	5863	1.872	ug/L	95
8) Chloroethane	2.916	64	5068	1.939	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	3589m	1.403	ug/L	
12) 1,1-Dichloroethene	4.025	96	3159m	1.444	ug/L	
13) Acetone	4.141	43	2584m	4.766	ug/L	
14) Carbon disulfide	4.373	76	6139	1.061	ug/L #	90
15) Methyl Acetate	4.690	43	1481m	1.292	ug/L	
16) Methylene chloride	4.916	84	11599m	4.063	ug/L	
17) trans-1,2-Dichloroethene	5.428	96	2728m	1.089	ug/L	
18) Methyl tert-butyl Ether	5.415	73	4441m	0.995	ug/L	
19) 1,1-Dichloroethane	6.214	63	5042m	1.106	ug/L	
20) cis-1,2-Dichloroethene	7.165	96	3104m	1.104	ug/L	
22) 2-Butanone	7.171	43	3675m	4.191	ug/L	
23) Bromochloromethane	7.494	128	1779m	1.382	ug/L	
25) Chloroform	7.671	83	5384	1.063	ug/L	91
27) 1,2-Dichloroethane	8.397	62	4468	1.313	ug/L	98

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

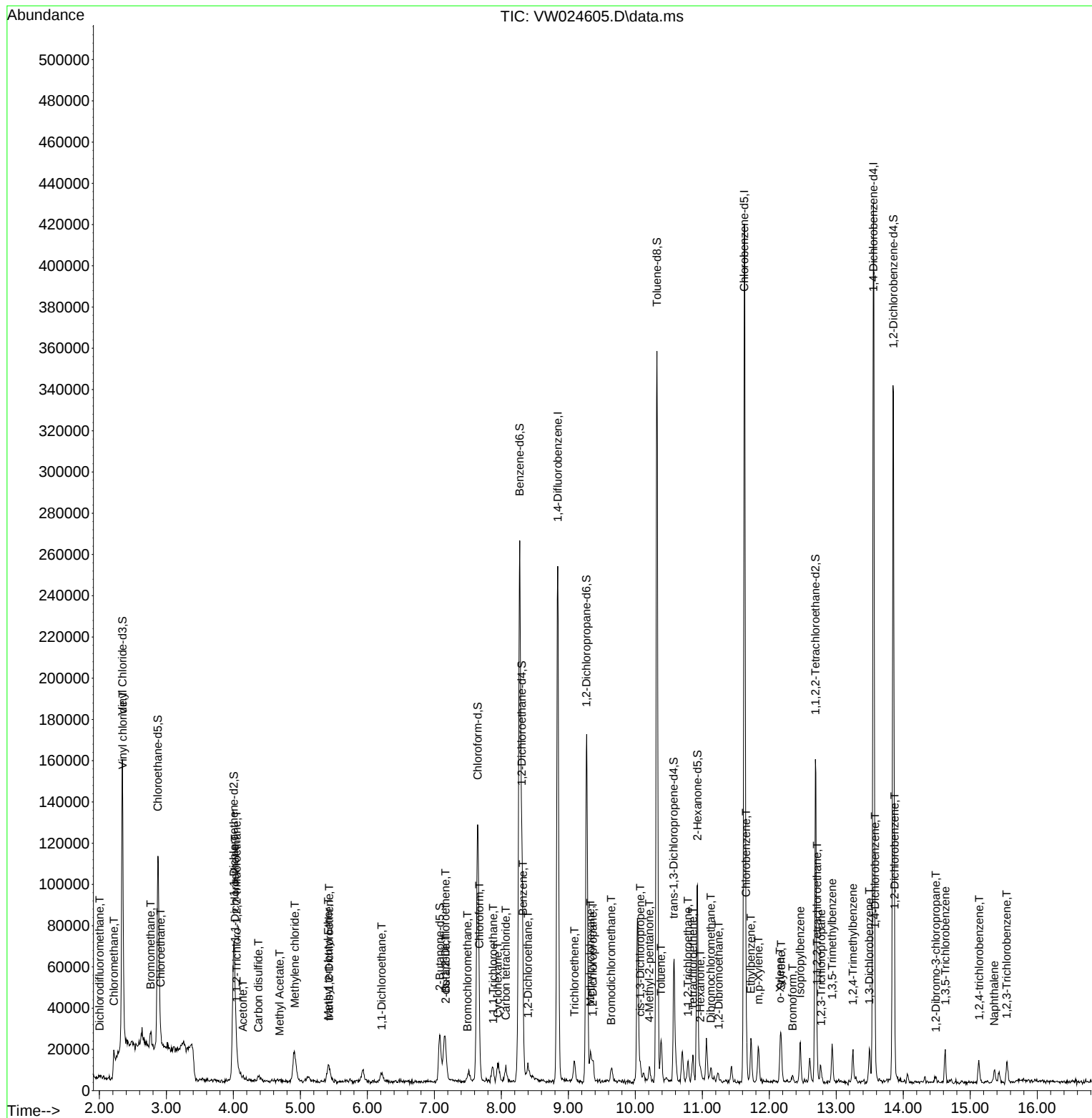
29) Cyclohexane	7.945	56	3912m	1.002	ug/L	
30) 1,1,1-Trichloroethane	7.878	97	4368	0.987	ug/L #	88
31) Carbon tetrachloride	8.067	117	4608	1.141	ug/L	94
33) Benzene	8.323	78	12702m	1.110	ug/L	
34) Trichloroethene	9.092	95	2946	0.985	ug/L	90
35) Methylcyclohexane	9.329	83	4346	0.909	ug/L	90
37) 1,2-Dichloropropane	9.366	63	3009	1.052	ug/L #	95
38) Bromodichloromethane	9.640	83	4241	1.049	ug/L	90
39) cis-1,3-Dichloropropene	10.073	75	4633m	1.108	ug/L	
40) 4-Methyl-2-pentanone	10.207	43	4223m	2.239	ug/L	
42) Toluene	10.384	91	14483	1.148	ug/L	94
45) 1,1,2-Trichloroethane	10.786	97	2729	1.142	ug/L	90
46) Tetrachloroethene	10.860	164	2366	1.074	ug/L	83
48) 2-Hexanone	10.969	43	3366	2.602	ug/L #	82
49) Dibromochloromethane	11.128	129	3008	1.077	ug/L	91
50) 1,2-Dibromoethane	11.244	107	2385	1.028	ug/L #	96
51) Chlorobenzene	11.652	112	8853	1.015	ug/L #	86
52) Ethylbenzene	11.725	91	13071	0.912	ug/L	92
53) m,p-Xylene	11.841	106	5198	0.928	ug/L	87
54) o-Xylene	12.158	106	4134	0.776	ug/L	81
55) Styrene	12.176	104	7195	0.767	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	3858	1.275	ug/L #	94
59) Bromoform	12.347	173	1331	1.009	ug/L #	85
60) Isopropylbenzene	12.463	105	10146	0.826	ug/L #	92
61) 1,2,3-Trichloropropane	12.774	75	2411	1.284	ug/L #	82
62) 1,3,5-Trimethylbenzene	12.938	105	8164	0.800	ug/L	91
63) 1,2,4-Trimethylbenzene	13.249	105	7639m	0.752	ug/L	
64) 1,3-Dichlorobenzene	13.493	146	5308	0.959	ug/L #	80
65) 1,4-Dichlorobenzene	13.579	146	6434	1.103	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	6163	1.194	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.487	75	744m	1.675	ug/L	
69) 1,3,5-Trichlorobenzene	14.627	180	3364m	0.935	ug/L	
70) 1,2,4-trichlorobenzene	15.133	180	2513	0.881	ug/L #	91
71) Naphthalene	15.359	128	4464	0.707	ug/L #	77
72) 1,2,3-Trichlorobenzene	15.542	180	2382	0.897	ug/L	89

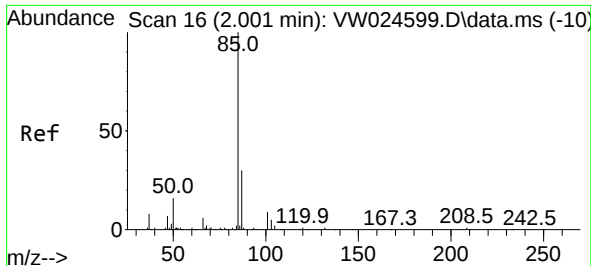
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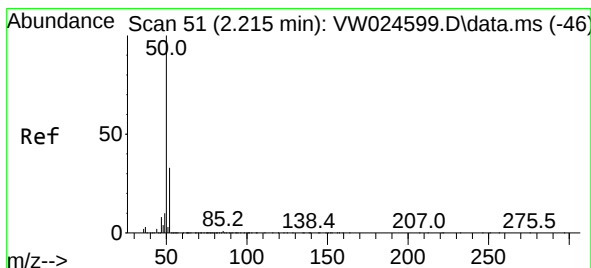
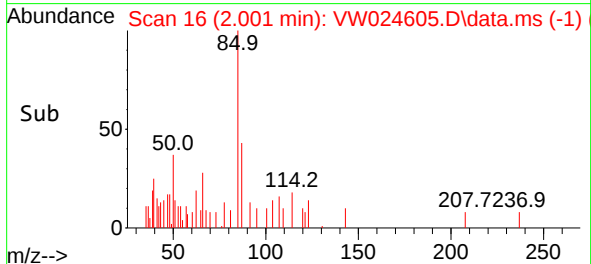
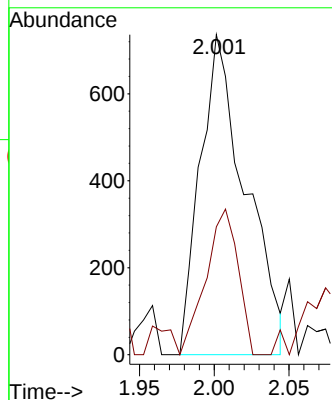
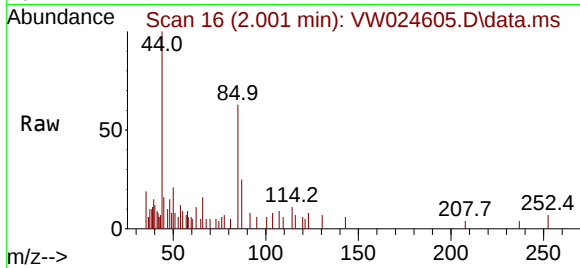




#2
 Dichlorodifluoromethane
 Concen: 1.697 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024605.D
 Acq: 12 Sep 2022 14:15

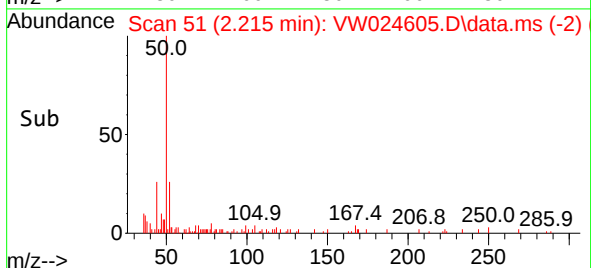
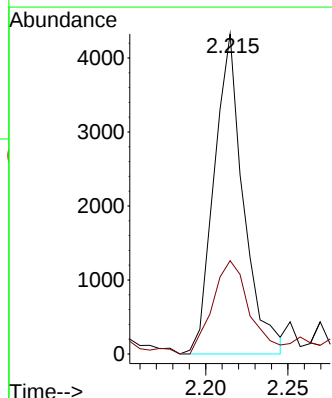
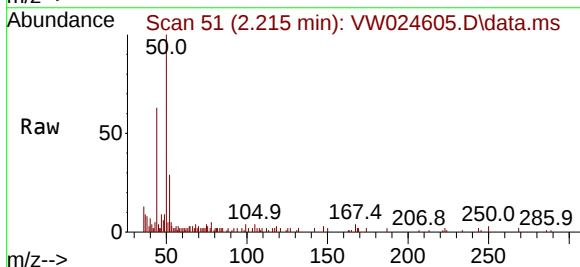
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 ClientSampleId :
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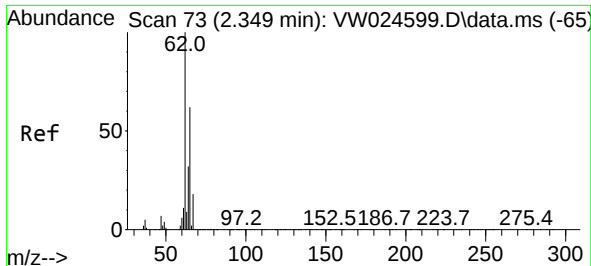
Tgt Ion: 85 Resp: 1555
 Ion Ratio Lower Upper
 85 100
 87 32.2 24.2 36.2



#3
 Chloromethane
 Concen: 1.879 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW024605.D
 Acq: 12 Sep 2022 14:15

Tgt Ion: 50 Resp: 5355
 Ion Ratio Lower Upper
 50 100
 52 29.2 23.3 43.3

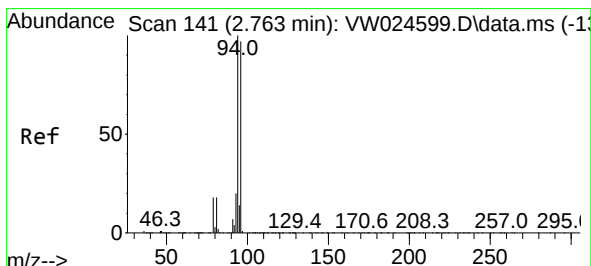
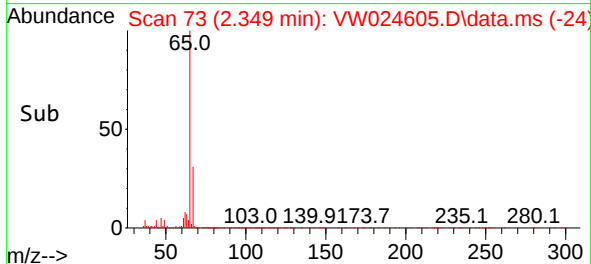
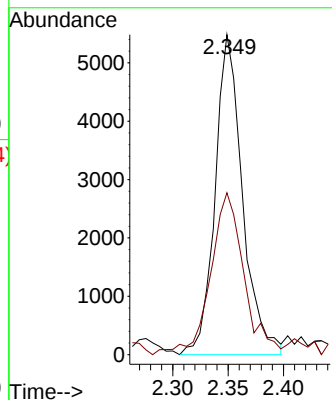
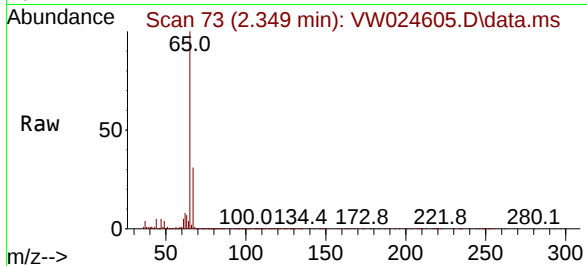




#5
 Vinyl chloride
 Concen: 1.967 ug/L m
 RT: 2.349 min Scan# 73
 Delta R.T. 0.000 min
 Lab File: VW024605.D
 Acq: 12 Sep 2022 14:15

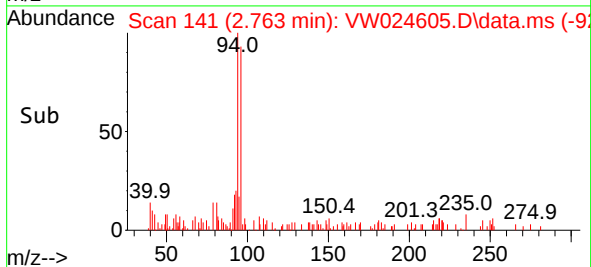
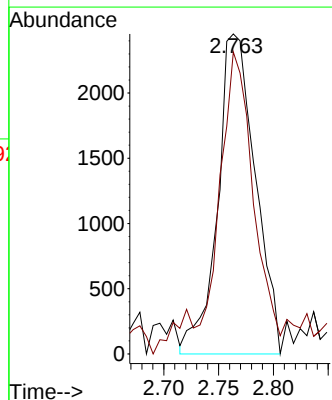
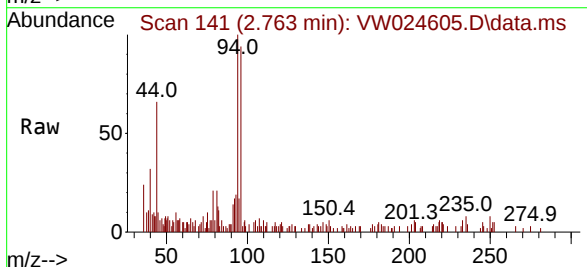
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 ClientSampleId :
 MDL 1. PPB

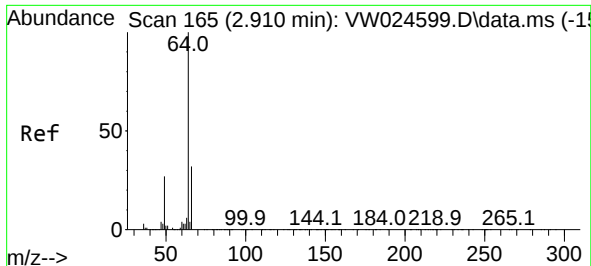
Tgt Ion: 62 Resp: 9451
 Ion Ratio Lower Upper
 62 100
 64 50.6 23.3 43.3#



#6
 Bromomethane
 Concen: 1.872 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. 0.000 min
 Lab File: VW024605.D
 Acq: 12 Sep 2022 14:15

Tgt Ion: 94 Resp: 5863
 Ion Ratio Lower Upper
 94 100
 96 94.4 69.8 129.6

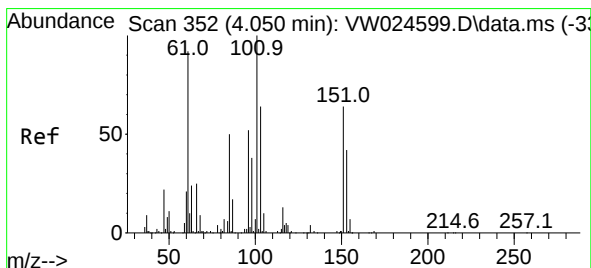
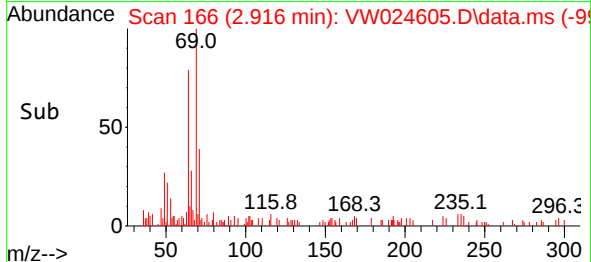
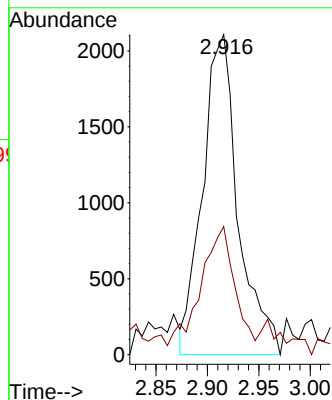
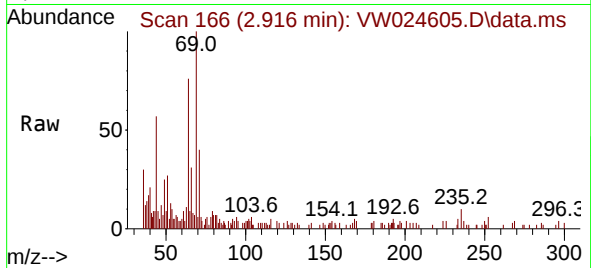




#8
Chloroethane
Concen: 1.939 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.006 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

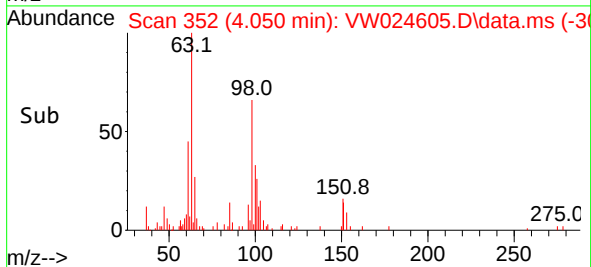
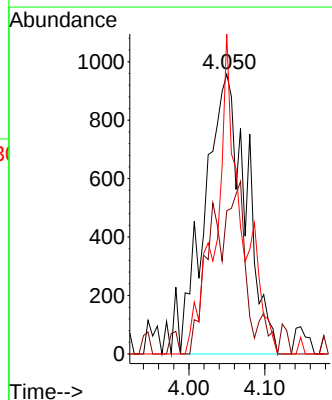
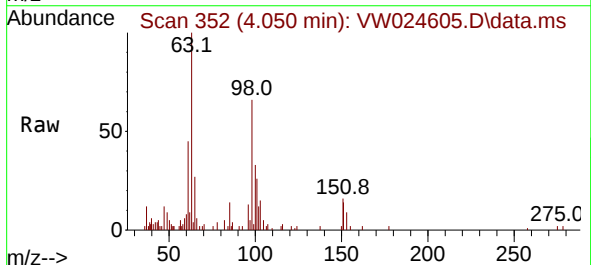
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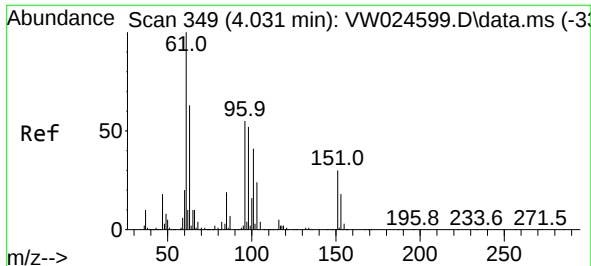
Tgt Ion: 64 Resp: 5068
Ion Ratio Lower Upper
64 100
66 40.1 23.7 44.1



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.403 ug/L m
RT: 4.050 min Scan# 352
Delta R.T. 0.000 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

Tgt Ion: 101 Resp: 3589
Ion Ratio Lower Upper
101 100
85 26.6 21.8 32.8
151 42.8 53.9 80.9#

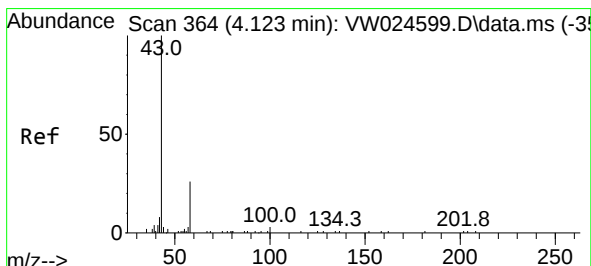
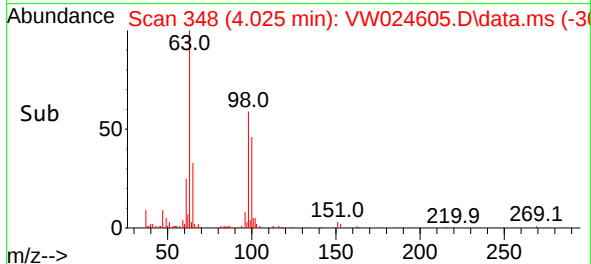
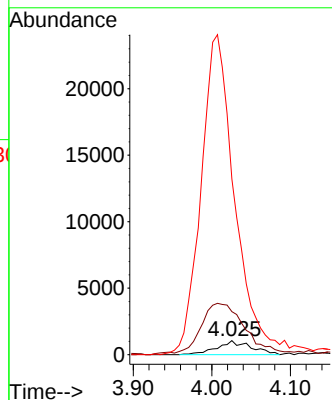
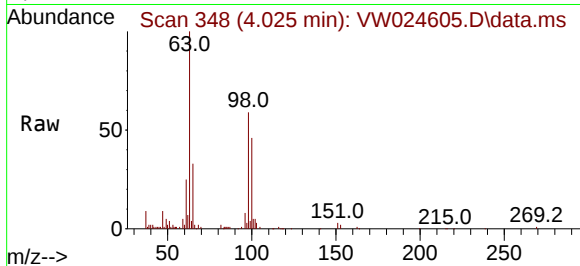




#12
1,1-Dichloroethene
Concen: 1.444 ug/L m
RT: 4.025 min Scan# 34
Delta R.T. -0.006 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

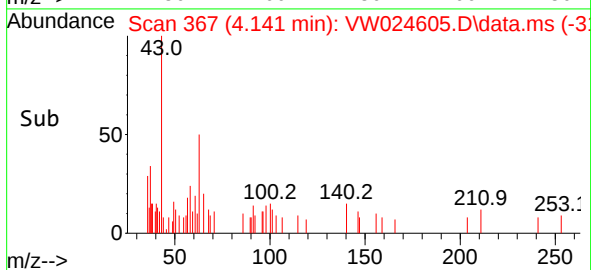
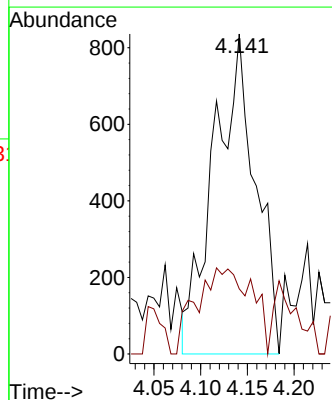
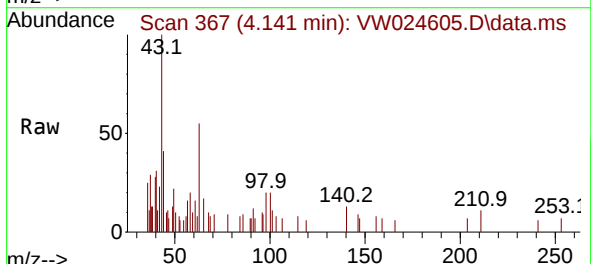
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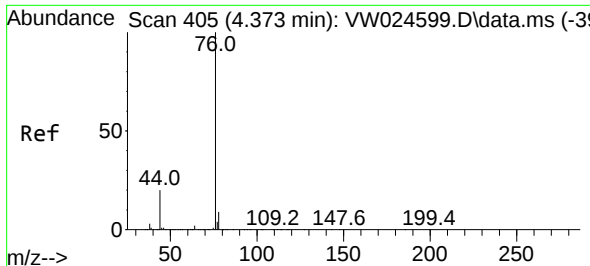
Tgt Ion: 96 Resp: 3159
Ion Ratio Lower Upper
96 100
61 304.7 119.8 222.6#
63 1243.0 89.6 166.4#



#13
Acetone
Concen: 4.766 ug/L m
RT: 4.141 min Scan# 367
Delta R.T. 0.019 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

Tgt Ion: 43 Resp: 2584
Ion Ratio Lower Upper
43 100
58 11.2 0.0 57.8

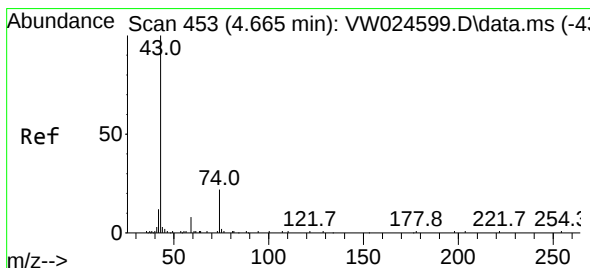
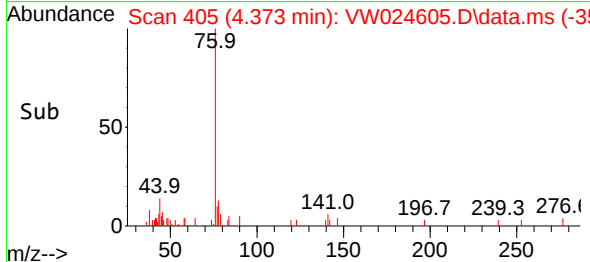
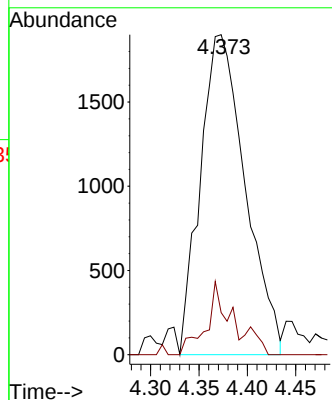
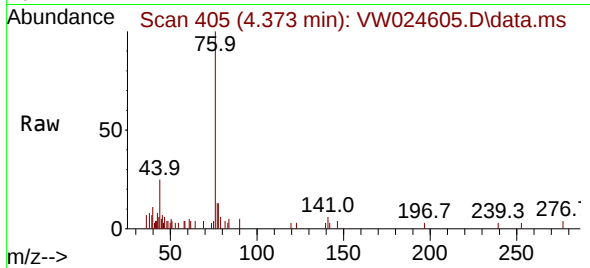




#14
Carbon disulfide
Concen: 1.061 ug/L
RT: 4.373 min Scan# 405
Delta R.T. 0.000 min
Lab File: VW024605.D
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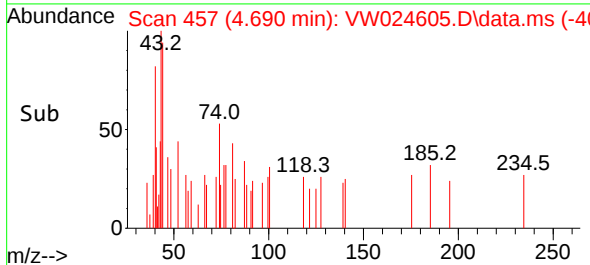
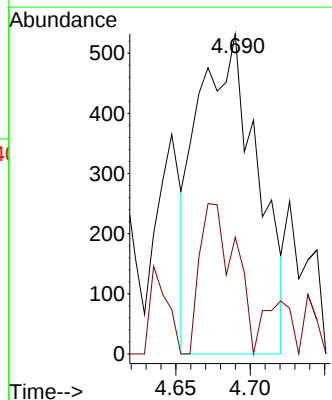
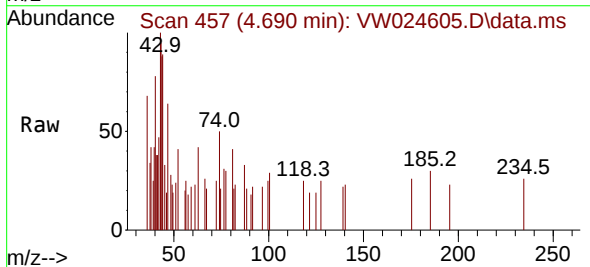
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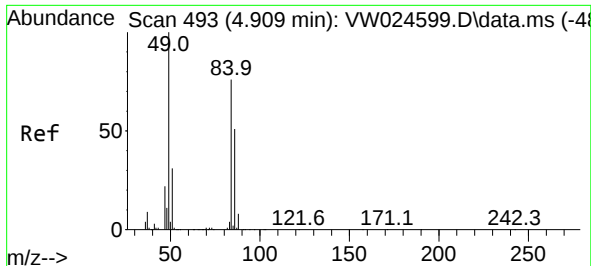
Tgt Ion: 76 Resp: 6139
Ion Ratio Lower Upper
76 100
78 13.2 7.5 11.3#



#15
Methyl Acetate
Concen: 1.292 ug/L m
RT: 4.690 min Scan# 457
Delta R.T. 0.025 min
Lab File: VW024605.D
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Tgt Ion: 43 Resp: 1481
Ion Ratio Lower Upper
43 100
74 8.1 19.9 29.9#

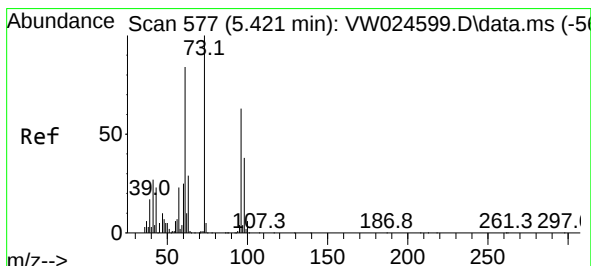
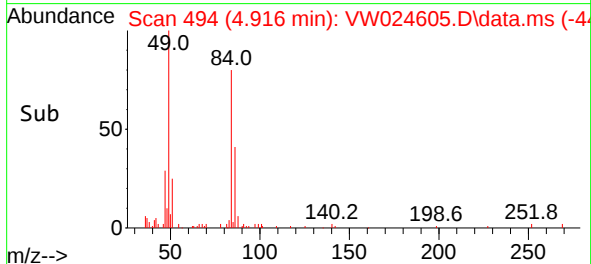
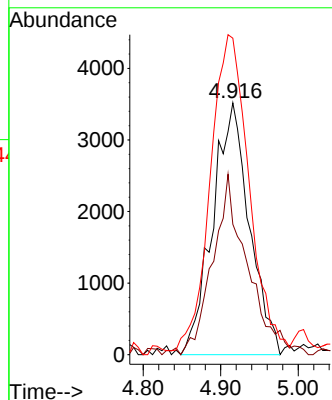
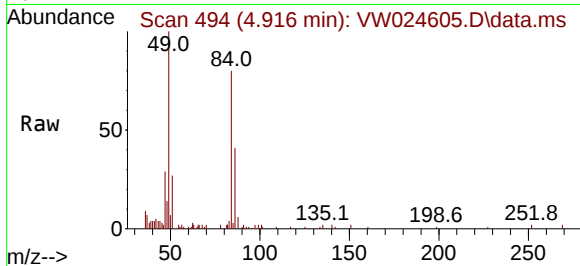




#16
Methylene chloride
Concen: 4.063 ug/L m
RT: 4.916 min Scan# 493
Delta R.T. 0.006 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

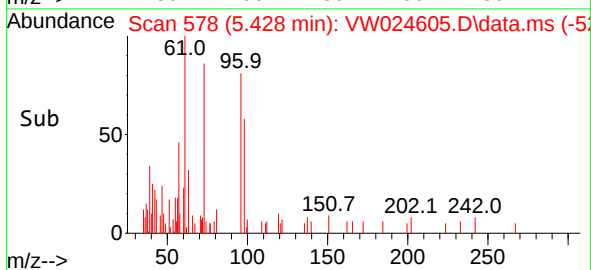
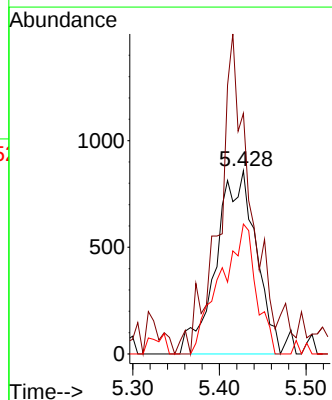
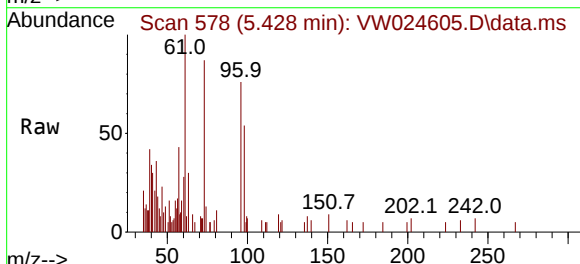
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

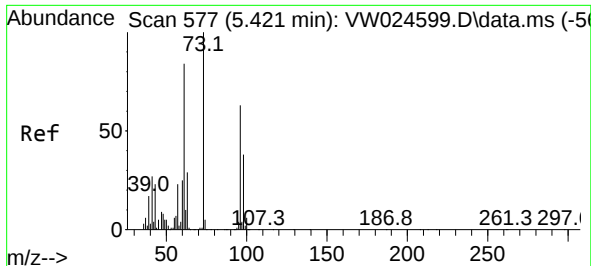
Tgt Ion: 84 Resp: 11599
Ion Ratio Lower Upper
84 100
86 51.8 44.4 82.5
49 125.7 88.5 164.3



#17
trans-1,2-Dichloroethene
Concen: 1.089 ug/L m
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

Tgt Ion: 96 Resp: 2728
Ion Ratio Lower Upper
96 100
61 131.3 91.7 170.3
98 70.9 43.6 81.0

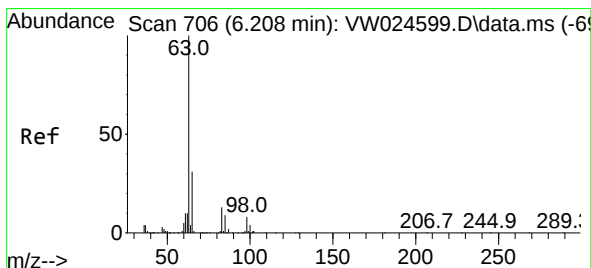
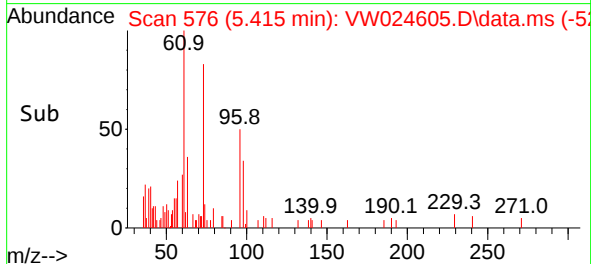
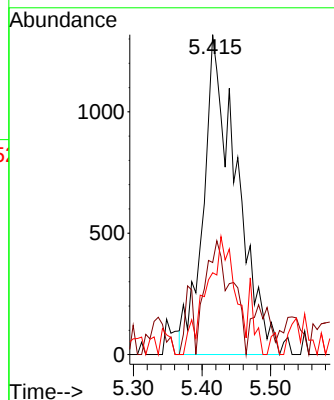
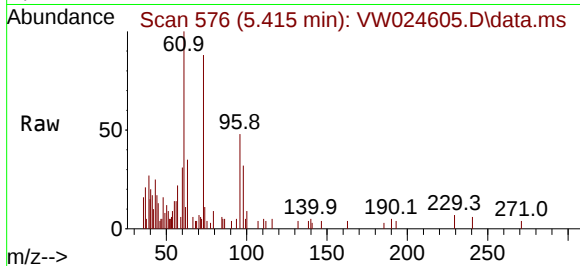




#18
Methyl tert-butyl Ether
Concen: 0.995 ug/L m
RT: 5.415 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

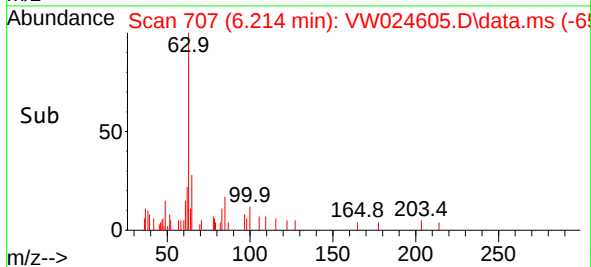
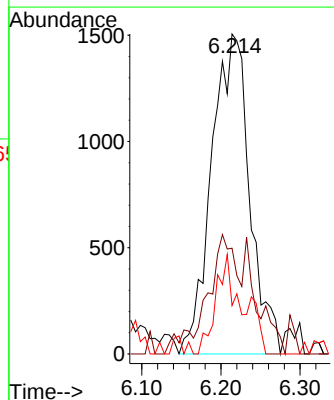
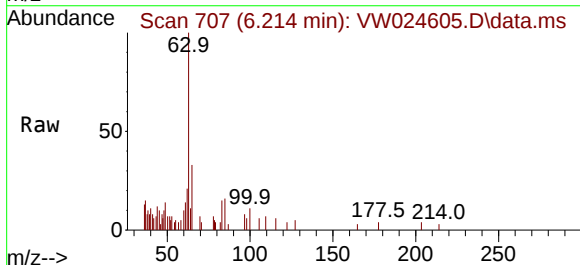
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

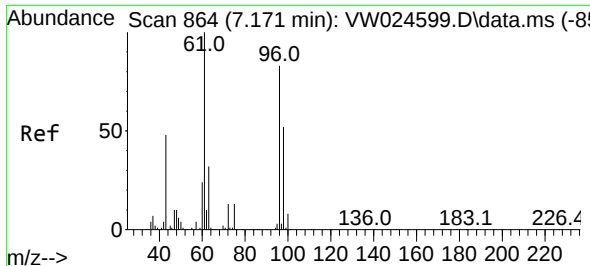
Tgt Ion: 73 Resp: 4441
Ion Ratio Lower Upper
73 100
43 0.0 16.7 25.1#
57 10.9 16.8 25.2#



#19
1,1-Dichloroethane
Concen: 1.106 ug/L m
RT: 6.214 min Scan# 707
Delta R.T. 0.006 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

Tgt Ion: 63 Resp: 5042
Ion Ratio Lower Upper
63 100
65 33.1 22.0 41.0
83 15.1 9.5 17.7

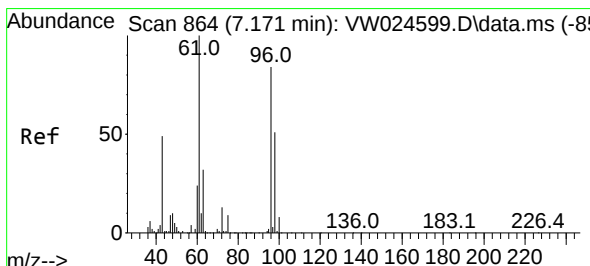
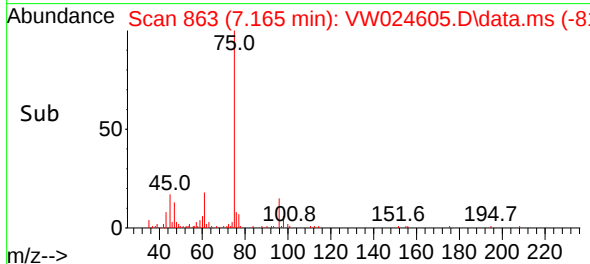
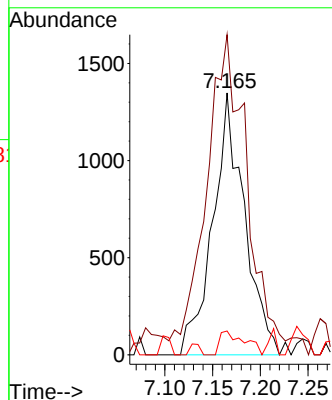
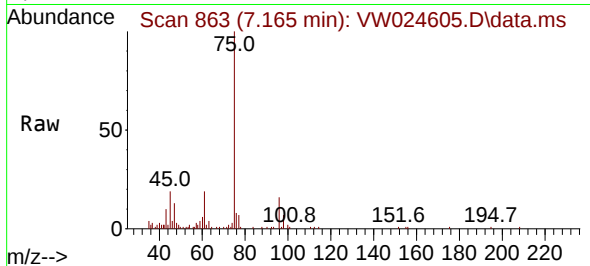




#20
cis-1,2-Dichloroethene
Concen: 1.104 ug/L m
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

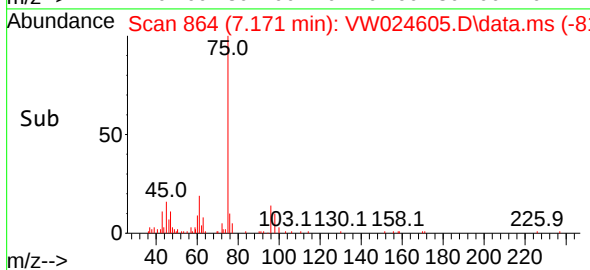
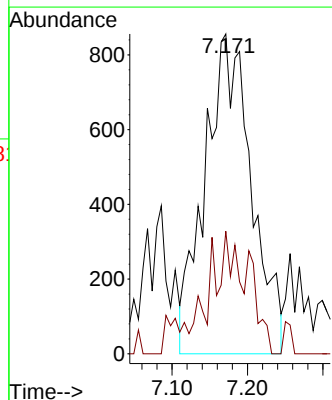
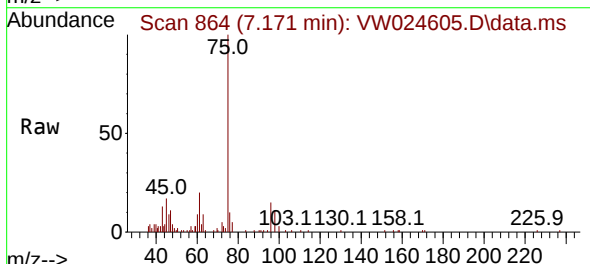
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

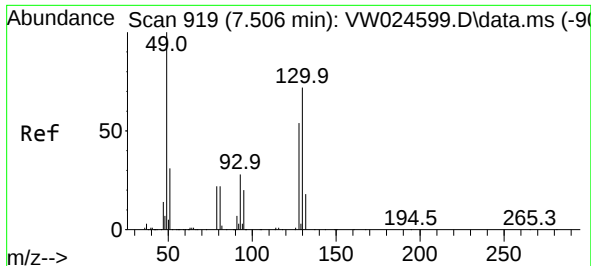
Tgt Ion: 96 Resp: 3104
Ion Ratio Lower Upper
96 100
61 122.3 91.2 169.4
68 9.1 0.0 0.0#



#22
2-Butanone
Concen: 4.191 ug/L m
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

Tgt Ion: 43 Resp: 3675
Ion Ratio Lower Upper
43 100
72 7.2 15.4 46.4#

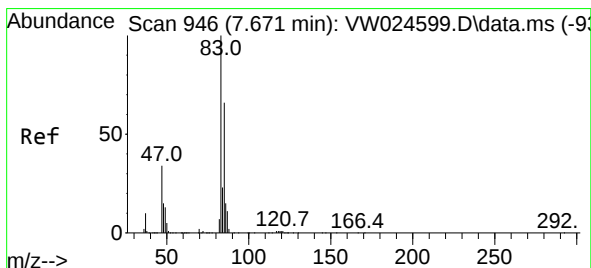
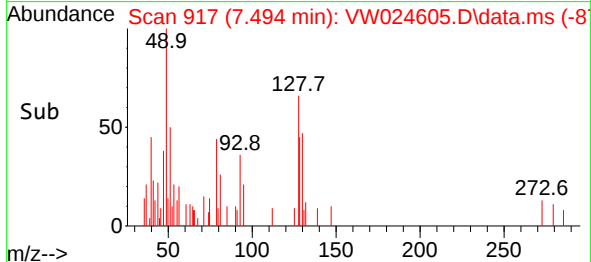
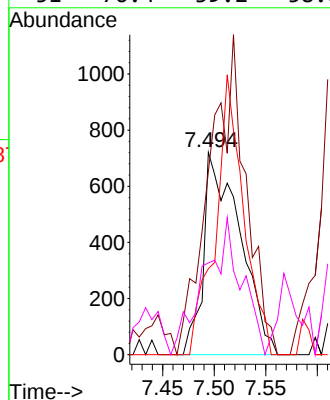
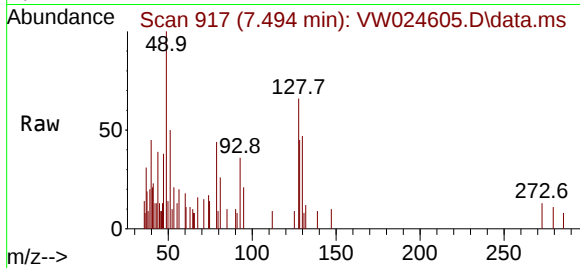




#23
Bromochloromethane
Concen: 1.382 ug/L m
RT: 7.494 min Scan# 917
Delta R.T. -0.012 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

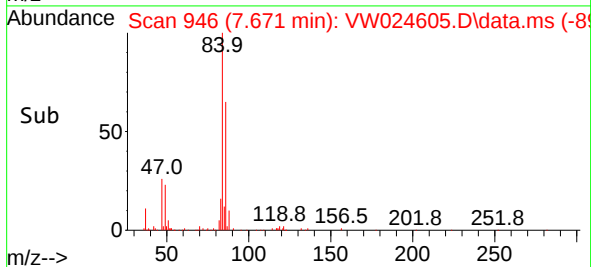
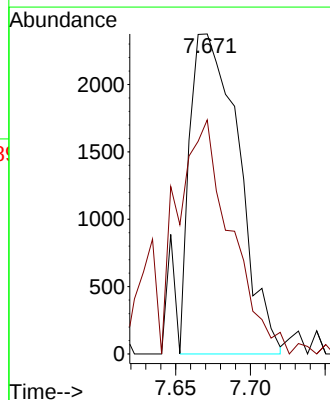
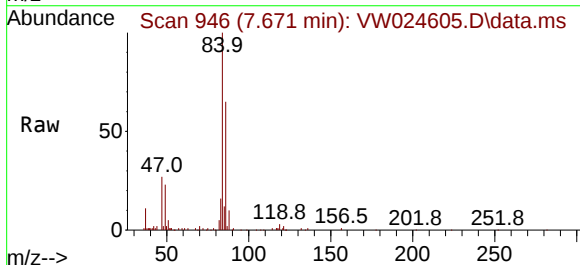
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

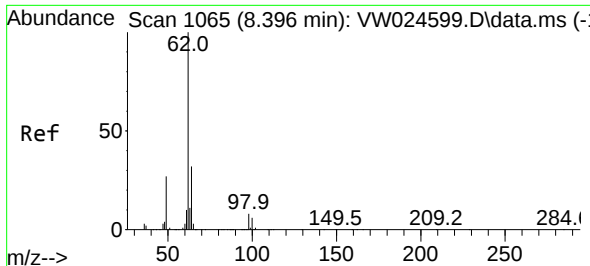
Tgt Ion:	128	Resp:	1779
Ion	Ratio	Lower	Upper
128	100		
49	152.3	110.0	204.2
130	71.5	88.3	163.9#
51	76.4	39.2	58.8#



#25
Chloroform
Concen: 1.063 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

Tgt Ion:	83	Resp:	5384
Ion	Ratio	Lower	Upper
83	100		
85	73.2	46.4	86.2





#27

1,2-Dichloroethane

Concen: 1.313 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VW024605.D

Acq: 12 Sep 2022 14:15

Instrument :

MSVOA_W

ClientSampleId :

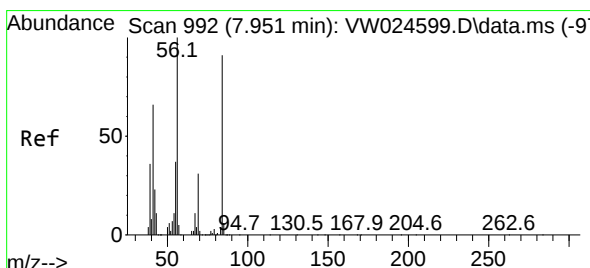
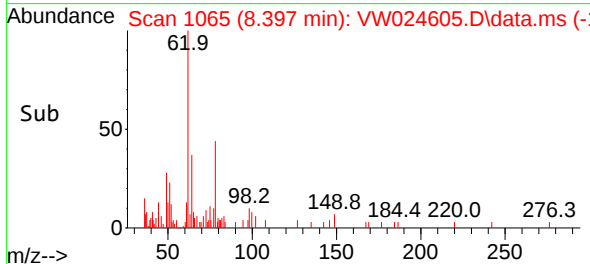
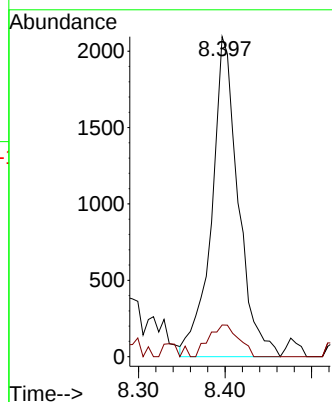
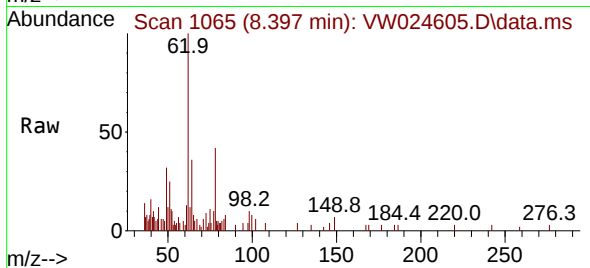
MDL 1. PPB

Tgt Ion: 62 Resp: 4468

Ion Ratio Lower Upper

62 100

98 9.9 7.4 11.0



#29

Cyclohexane

Concen: 1.002 ug/L m

RT: 7.945 min Scan# 991

Delta R.T. -0.006 min

Lab File: VW024605.D

Acq: 12 Sep 2022 14:15

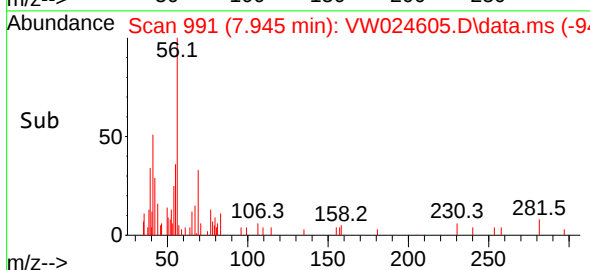
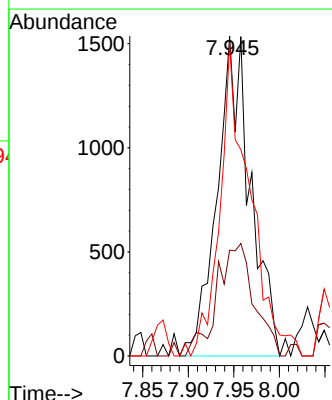
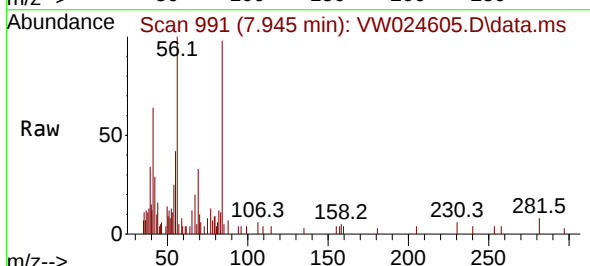
Tgt Ion: 56 Resp: 3912

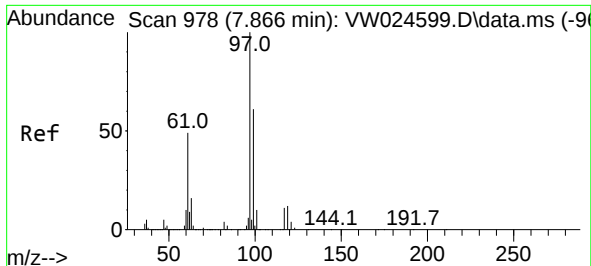
Ion Ratio Lower Upper

56 100

69 35.8 24.5 36.7

84 85.5 75.7 113.5

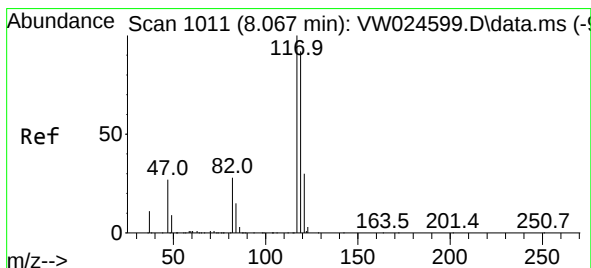
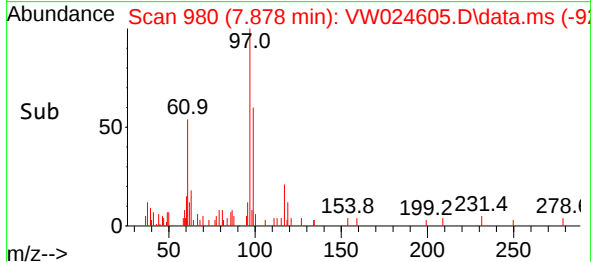
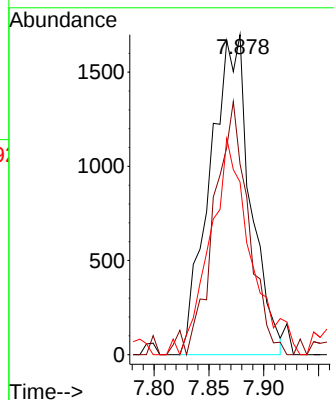
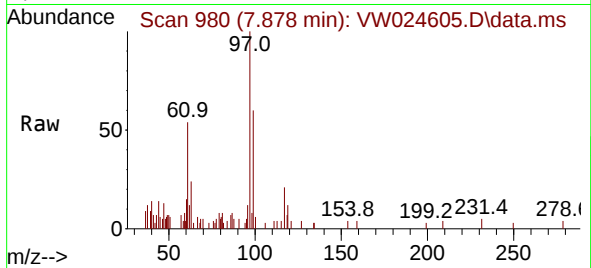




#30
1,1,1-Trichloroethane
Concen: 0.987 ug/L
RT: 7.878 min Scan# 91
Delta R.T. 0.012 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

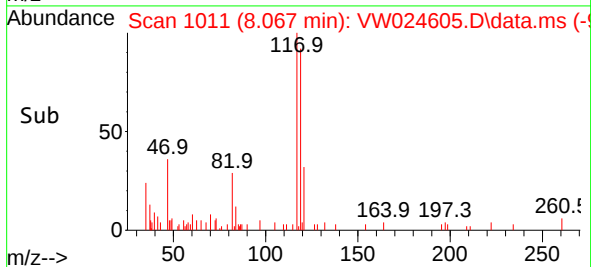
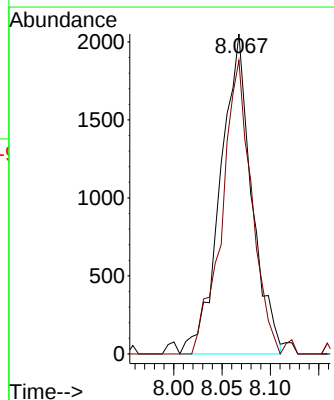
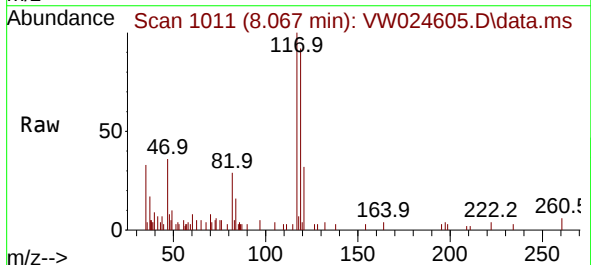
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

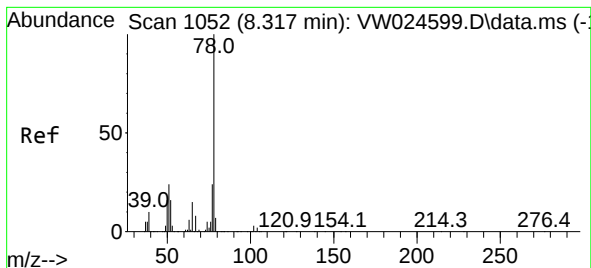
Tgt Ion: 97 Resp: 4368
Ion Ratio Lower Upper
97 100
99 66.5 51.5 77.3
61 63.6 37.2 55.8#



#31
Carbon tetrachloride
Concen: 1.141 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

Tgt Ion: 117 Resp: 4608
Ion Ratio Lower Upper
117 100
119 87.0 74.4 111.6





#33

Benzene

Concen: 1.110 ug/L m

RT: 8.323 min Scan# 1053

Delta R.T. 0.006 min

Lab File: VW024605.D

Acq: 12 Sep 2022 14:15

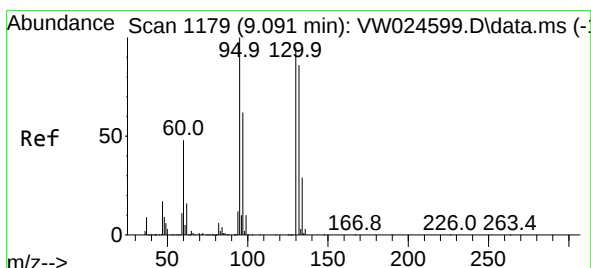
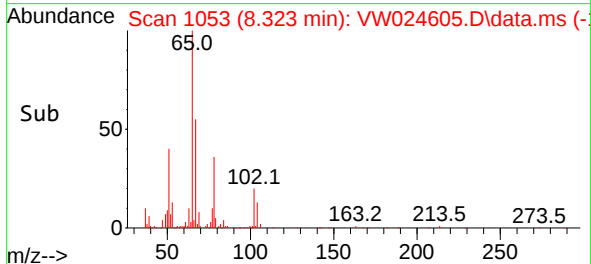
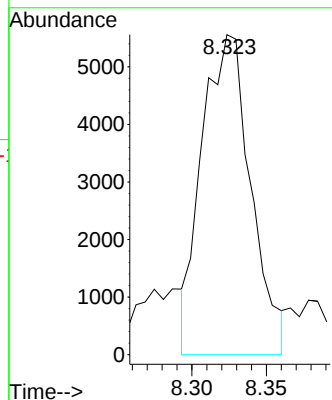
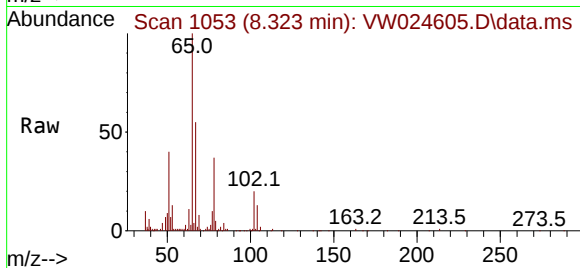
Instrument :

MSVOA_W

ClientSampleId :

MDL 1. PPB

Tgt Ion: 78 Resp: 12702



#34

Trichloroethene

Concen: 0.985 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024605.D

Acq: 12 Sep 2022 14:15

Tgt Ion: 95 Resp: 2946

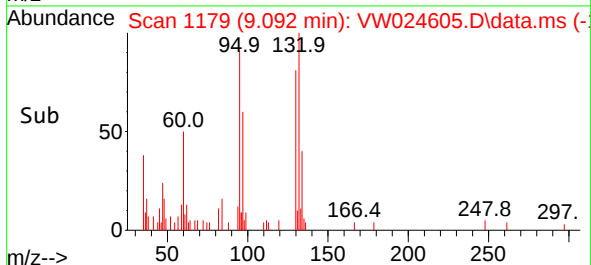
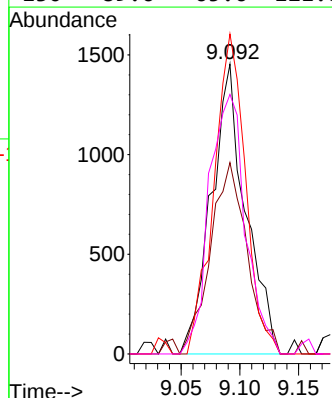
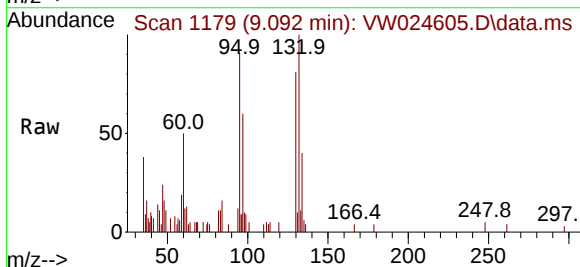
Ion Ratio Lower Upper

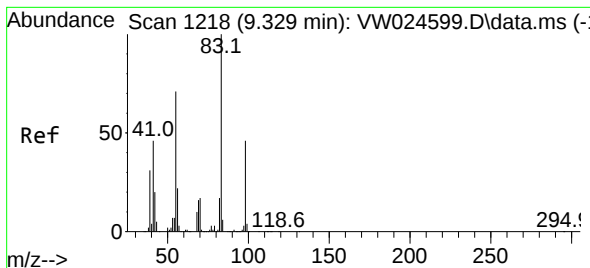
95 100

97 66.1 45.9 85.3

132 110.5 62.6 116.2

130 89.6 65.6 121.8

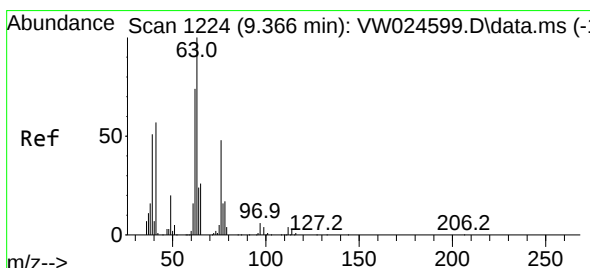
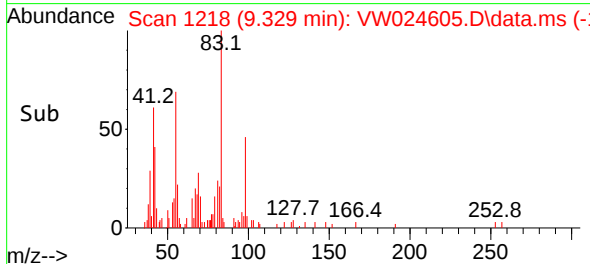
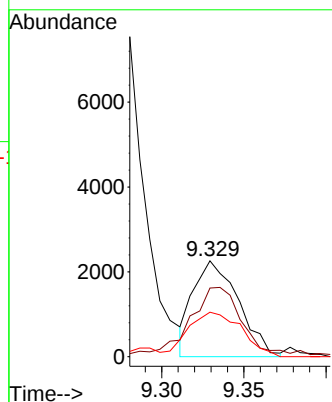
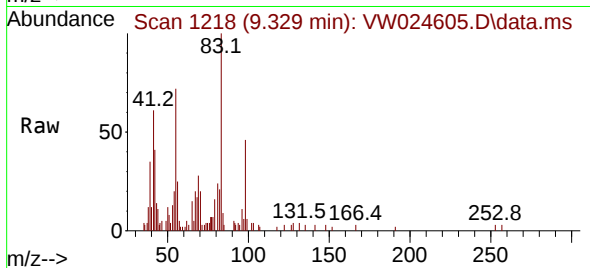




#35
Methylcyclohexane
Concen: 0.909 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. 0.000 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

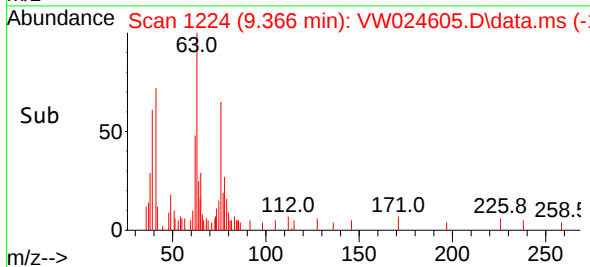
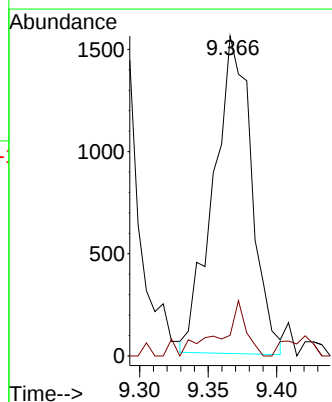
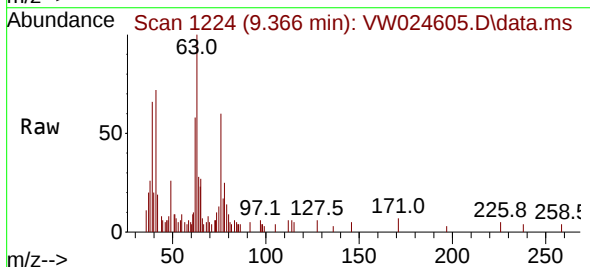
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

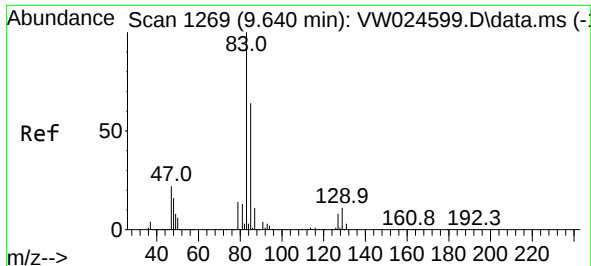
Tgt Ion: 83 Resp: 4346
Ion Ratio Lower Upper
83 100
55 81.6 57.3 85.9
98 54.7 40.4 60.6



#37
1,2-Dichloropropane
Concen: 1.052 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

Tgt Ion: 63 Resp: 3009
Ion Ratio Lower Upper
63 100
112 6.5 3.9 5.9#

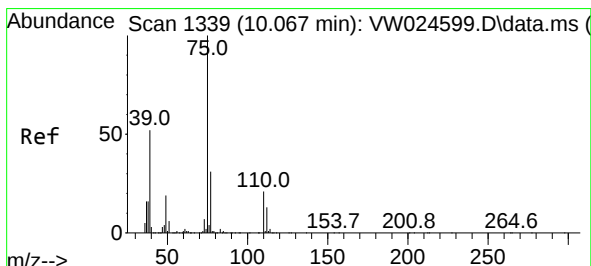
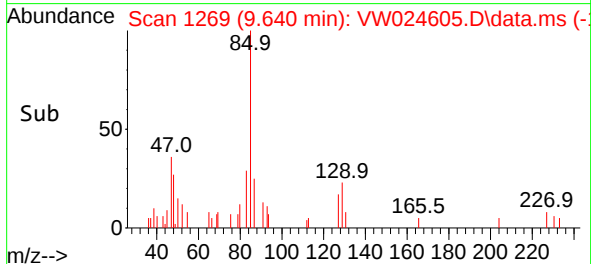
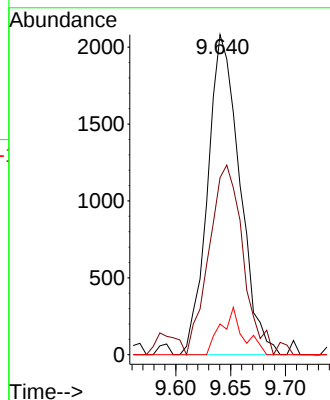
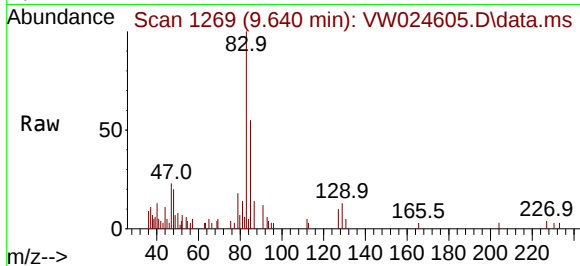




#38
Bromodichloromethane
Concen: 1.049 ug/L
RT: 9.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

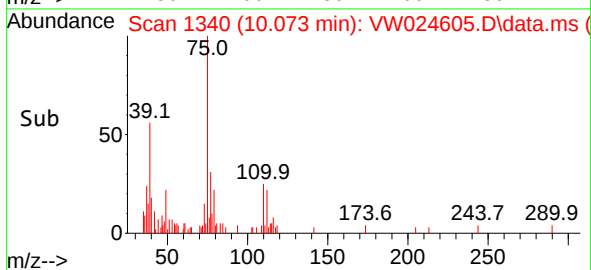
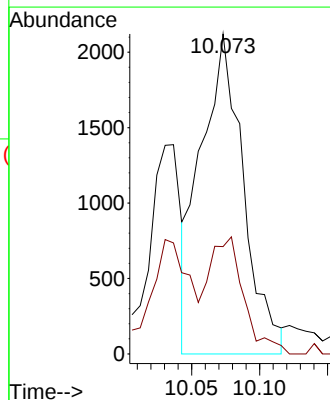
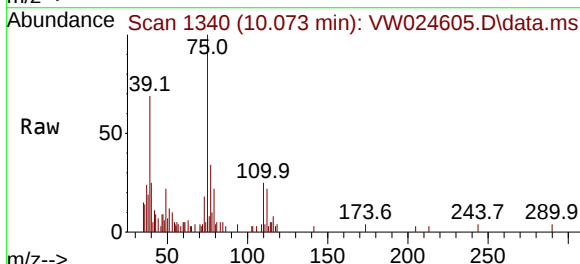
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

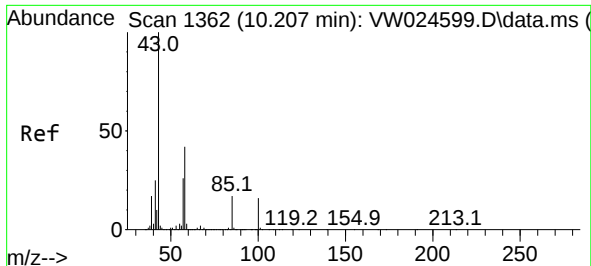
Tgt Ion: 83	Resp: 4241
Ion Ratio	Lower Upper
83 100	
85 55.3	45.1 83.9
127 9.6	7.3 10.9



#39
cis-1,3-Dichloropropene
Concen: 1.108 ug/L m
RT: 10.073 min Scan# 1340
Delta R.T. 0.006 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

Tgt Ion: 75	Resp: 4633
Ion Ratio	Lower Upper
75 100	
77 33.5	21.9 40.7





#40

4-Methyl-2-pentanone

Concen: 2.239 ug/L m

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024605.D

Acq: 12 Sep 2022 14:15

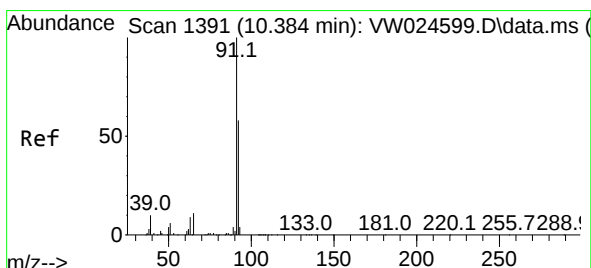
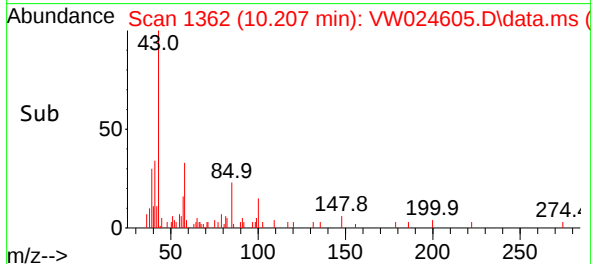
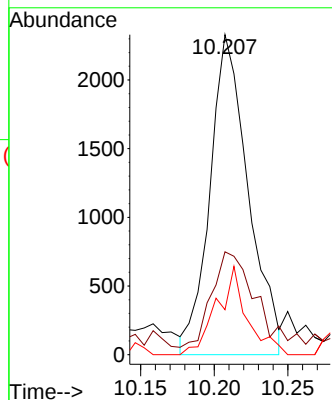
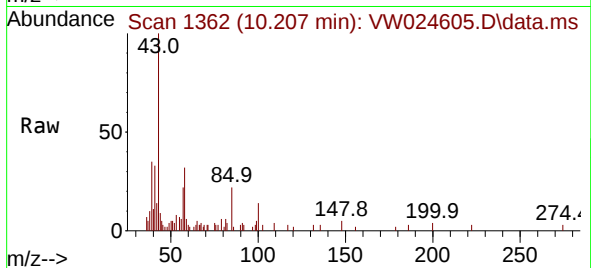
Instrument :

MSVOA_W

ClientSampleId :

MDL 1. PPB

Tgt Ion:	43	Resp:	4223
Ion Ratio	Lower	Upper	
43	100		
58	31.1	30.9	46.3
100	21.8	13.3	19.9#



#42

Toluene

Concen: 1.148 ug/L

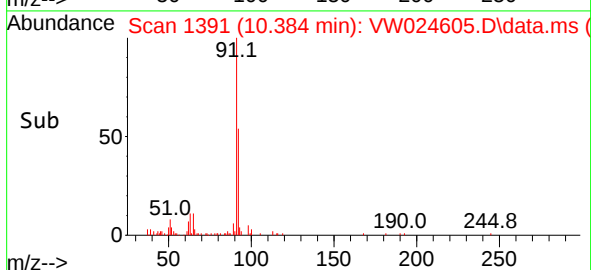
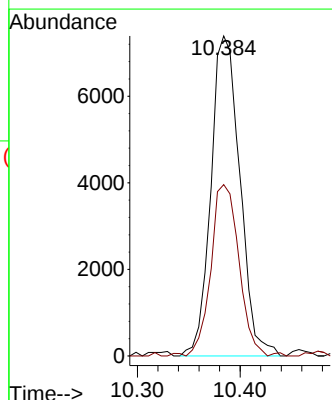
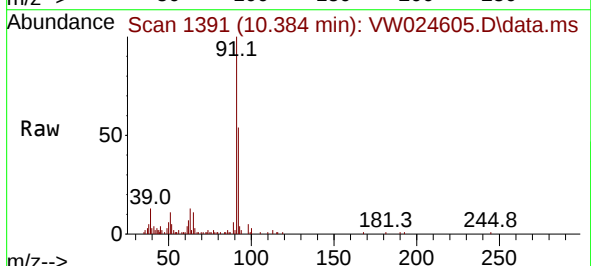
RT: 10.384 min Scan# 1391

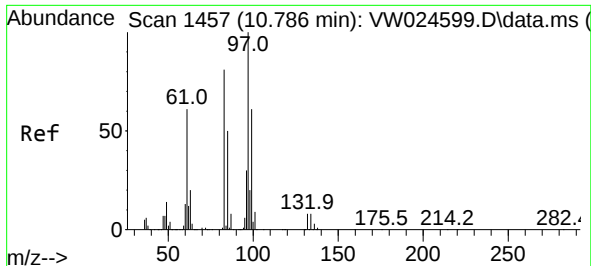
Delta R.T. 0.000 min

Lab File: VW024605.D

Acq: 12 Sep 2022 14:15

Tgt Ion:	91	Resp:	14483
Ion Ratio	Lower	Upper	
91	100		
92	53.5	40.8	75.8

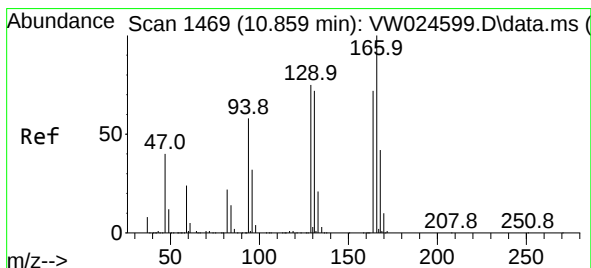
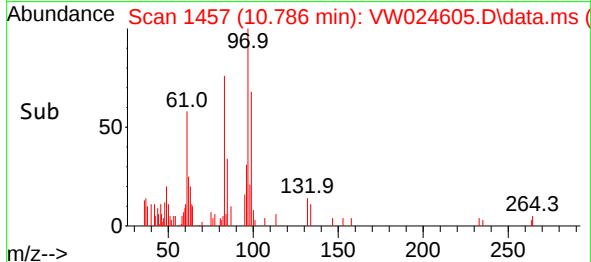
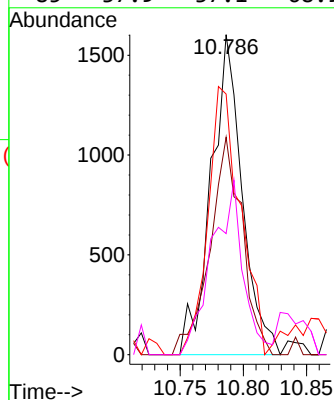
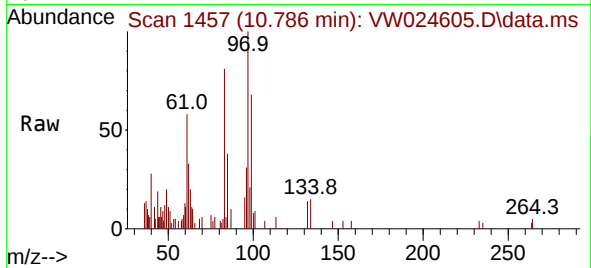




#45
1,1,2-Trichloroethane
Concen: 1.142 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

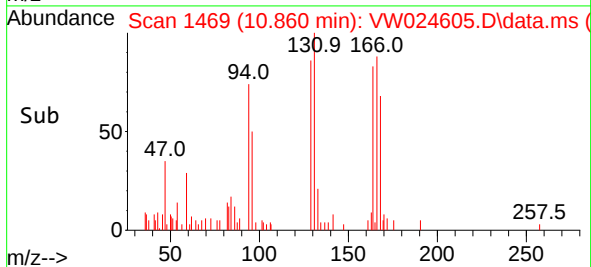
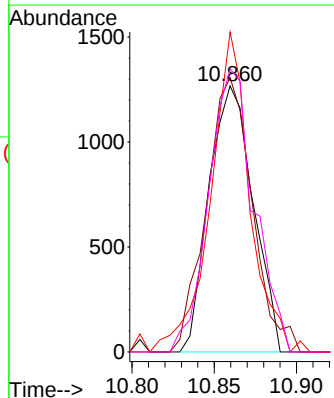
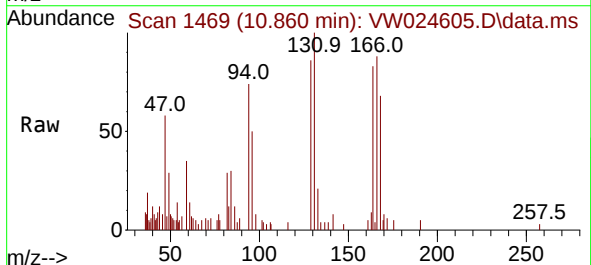
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

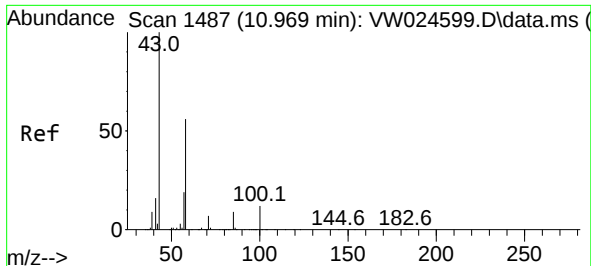
Tgt Ion: 97	Resp: 2729
Ion Ratio	Lower Upper
97 100	
99 67.9	41.9 77.9
83 81.5	58.2 108.0
85 37.9	37.1 68.9



#46
Tetrachloroethene
Concen: 1.074 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

Tgt	Ion:164	Resp:	2366
Ion	Ratio	Lower	Upper
164	100		
129	103.1	75.0	139.2
131	120.3	70.1	130.1
166	106.4	95.1	176.7

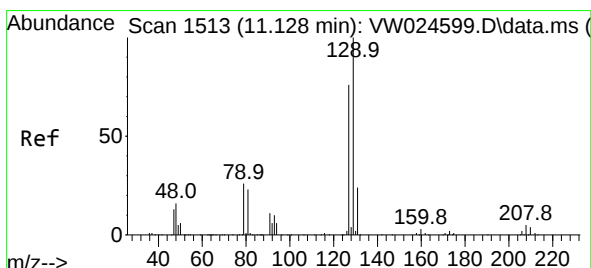
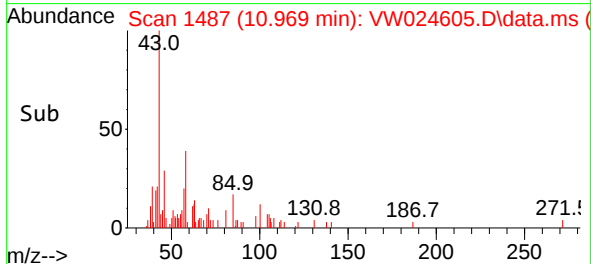
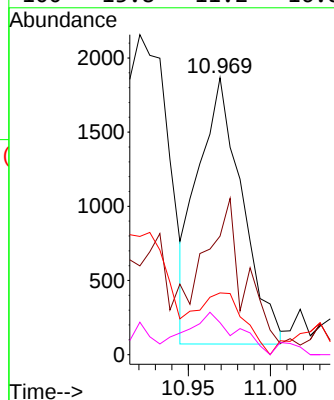
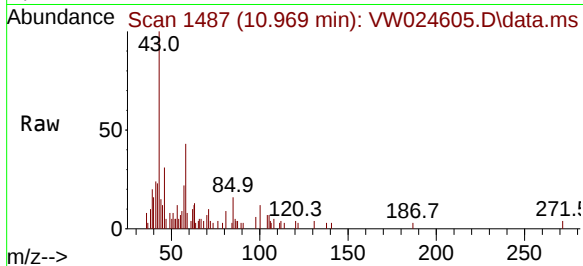




#48
2-Hexanone
Concen: 2.602 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

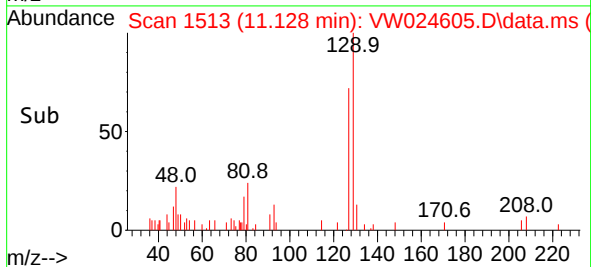
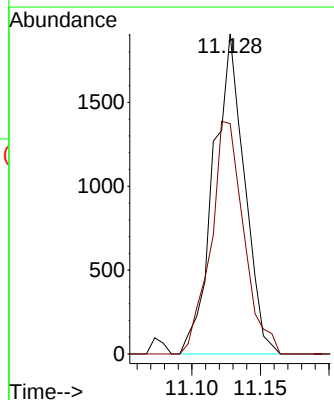
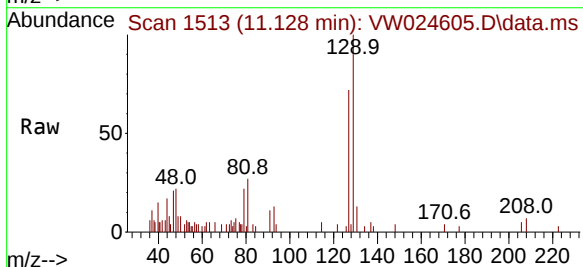
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

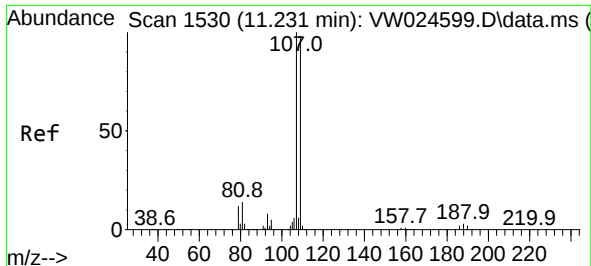
Tgt Ion:	43	Resp:	3366
Ion	Ratio	Lower	Upper
43	100		
58	37.5	43.7	65.5#
57	25.5	15.3	22.9#
100	13.8	11.2	16.8



#49
Dibromochloromethane
Concen: 1.077 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

Tgt Ion:	129	Resp:	3008
Ion	Ratio	Lower	Upper
129	100		
127	72.0	56.1	104.1





#50

1,2-Dibromoethane

Concen: 1.028 ug/L

RT: 11.244 min Scan# 1

Delta R.T. 0.012 min

Lab File: VW024605.D

Acq: 12 Sep 2022 14:15

Instrument :

MSVOA_W

ClientSampleId :

MDL 1. PPB

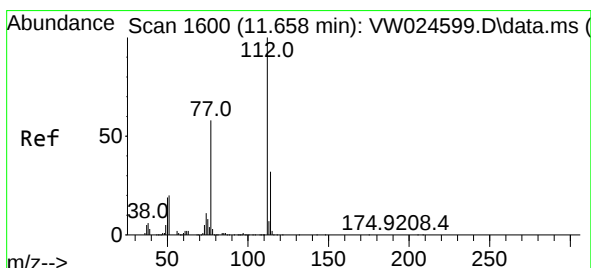
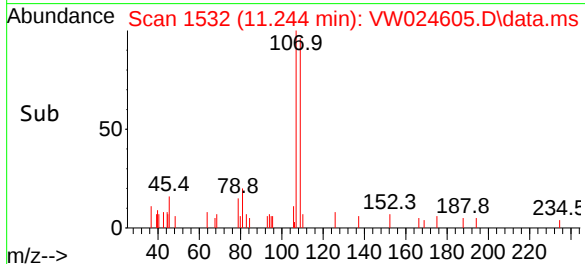
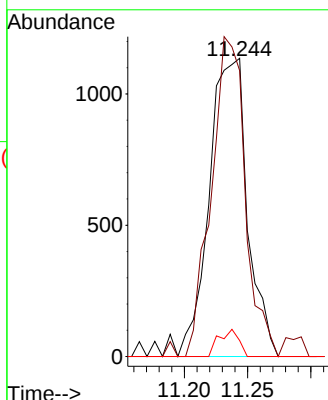
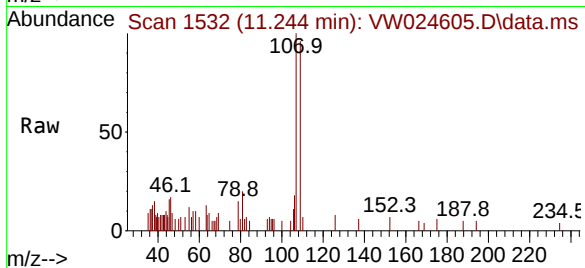
Tgt Ion:107 Resp: 2385

Ion Ratio Lower Upper

107 100

109 95.9 64.5 119.9

188 5.4 3.0 4.4#



#51

Chlorobenzene

Concen: 1.015 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW024605.D

Acq: 12 Sep 2022 14:15

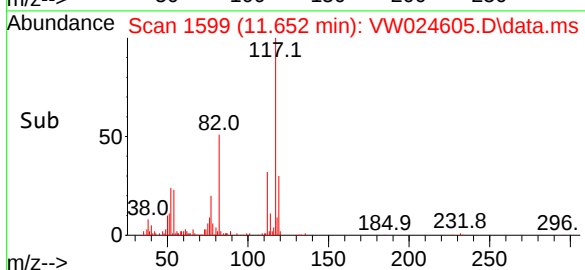
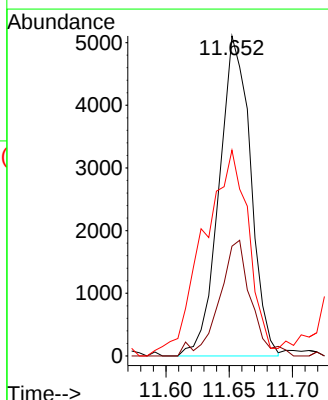
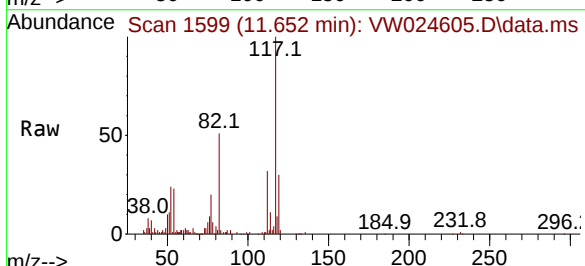
Tgt Ion:112 Resp: 8853

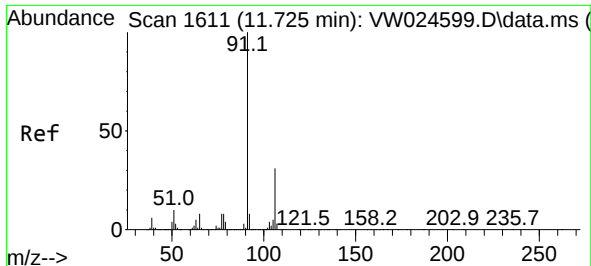
Ion Ratio Lower Upper

112 100

114 34.3 20.0 37.2

77 64.3 42.6 63.8#

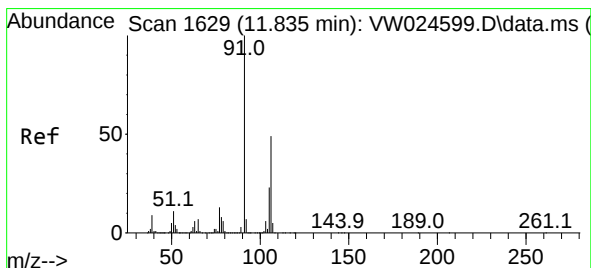
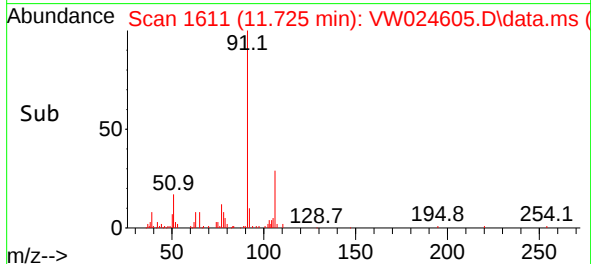
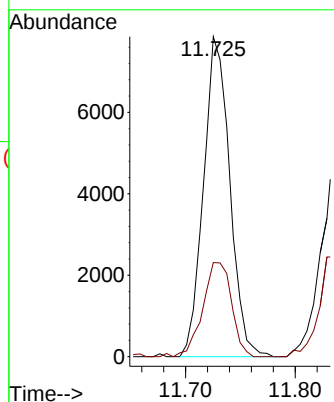
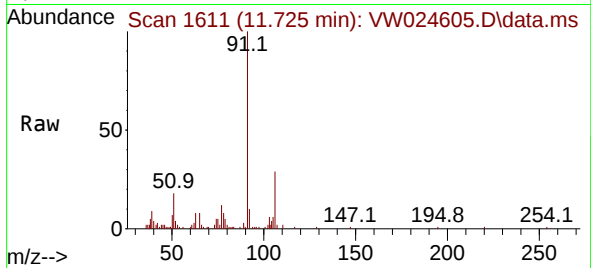




#52
Ethylbenzene
Concen: 0.912 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

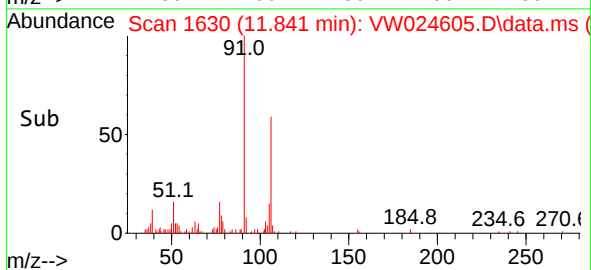
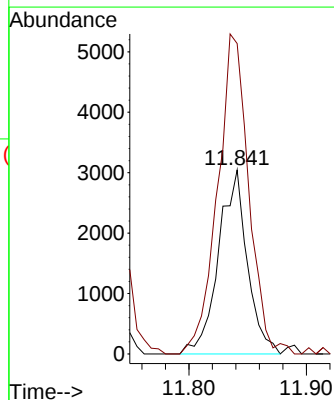
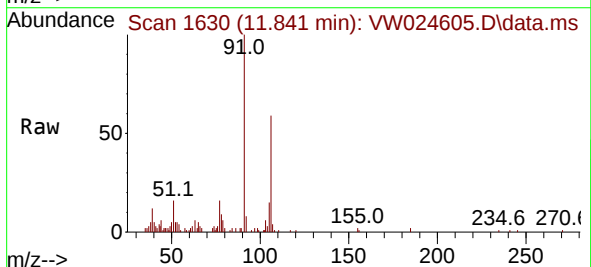
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

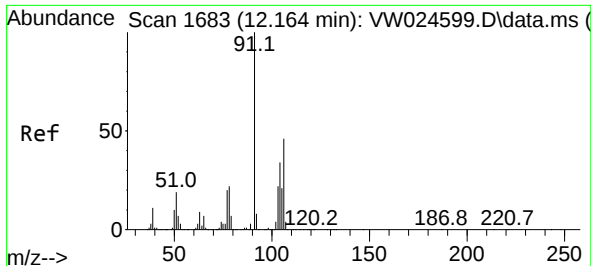
Tgt Ion: 91 Resp: 13071
Ion Ratio Lower Upper
91 100
106 29.4 23.8 44.2



#53
m,p-Xylene
Concen: 0.928 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

Tgt Ion: 106 Resp: 5198
Ion Ratio Lower Upper
106 100
91 168.6 131.3 243.8

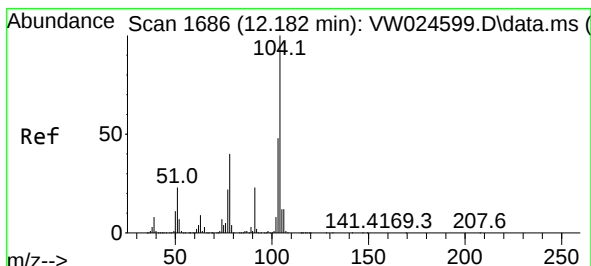
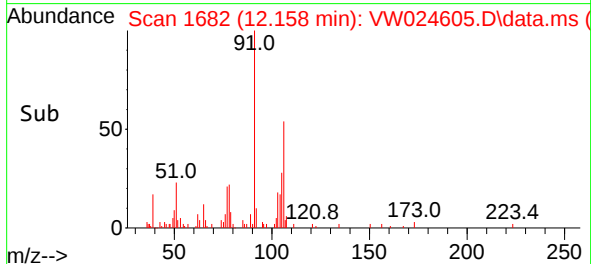
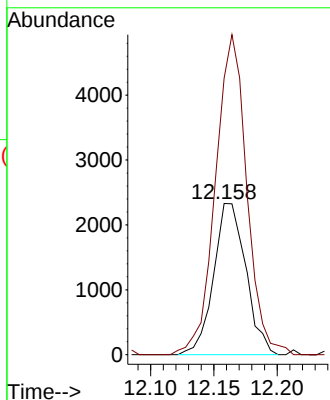
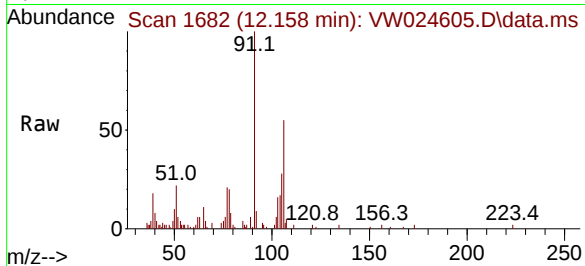




#54
o-Xylene
Concen: 0.776 ug/L
RT: 12.158 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

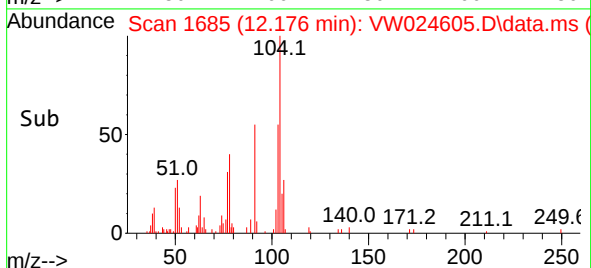
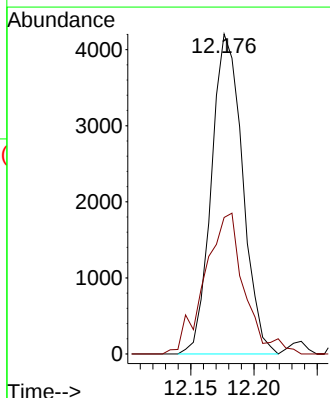
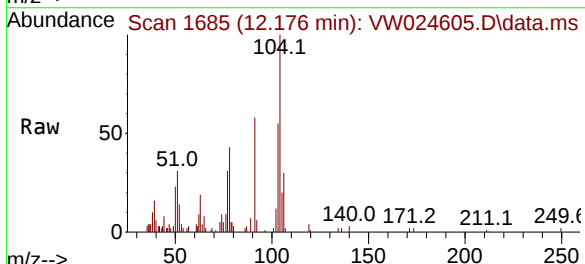
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

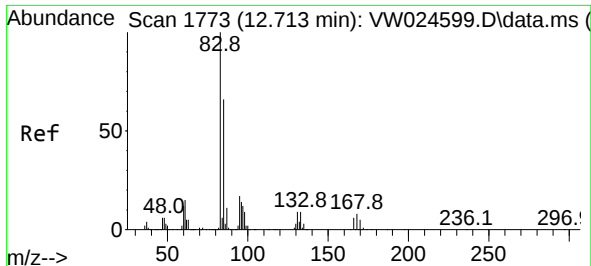
Tgt Ion:106 Resp: 4134
Ion Ratio Lower Upper
106 100
91 182.8 148.7 276.3



#55
Styrene
Concen: 0.767 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

Tgt Ion:104 Resp: 7195
Ion Ratio Lower Upper
104 100
78 42.7 33.0 61.4

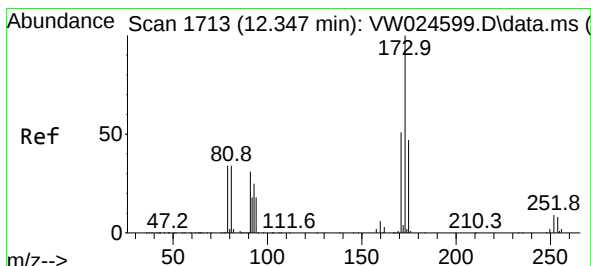
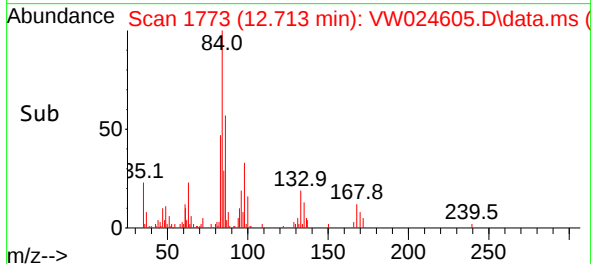
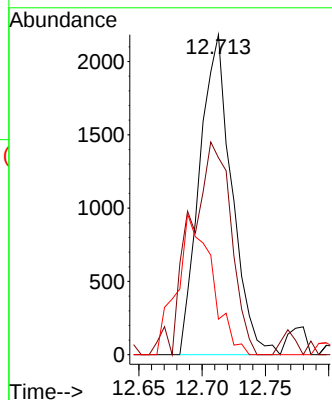
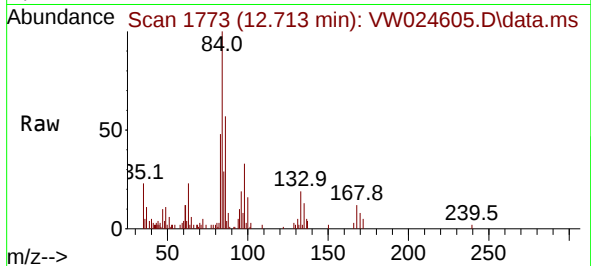




#57
1,1,2-Tetrachloroethane
Concen: 1.275 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

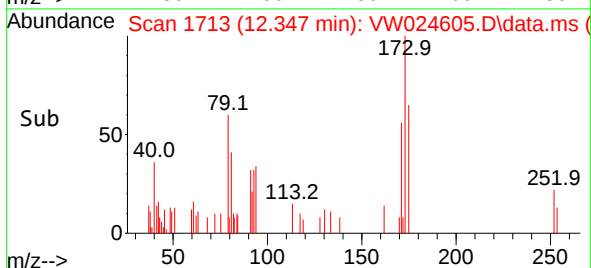
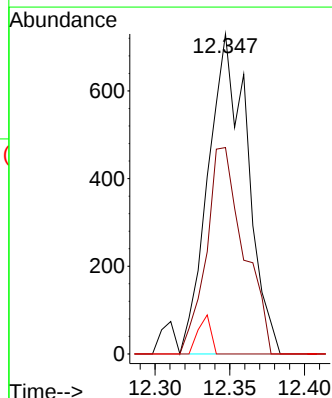
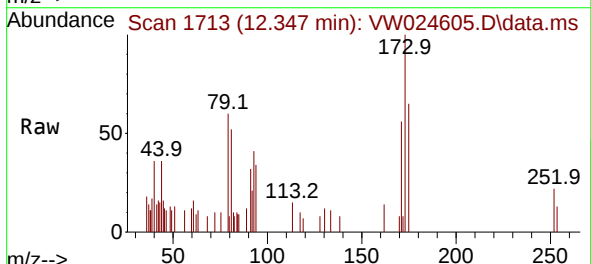
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

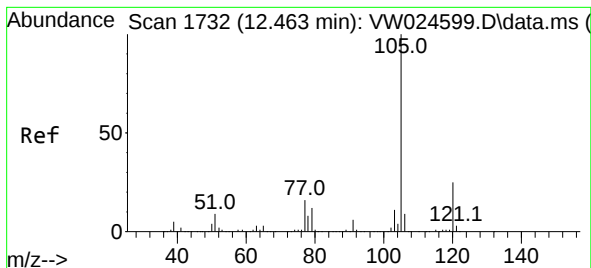
Tgt Ion:	83	Resp:	3858
Ion	Ratio	Lower	Upper
83	100		
85	61.6	45.6	84.8
131	15.6	9.0	13.4#



#59
Bromoform
Concen: 1.009 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

Tgt Ion:	173	Resp:	1331
Ion	Ratio	Lower	Upper
173	100		
175	61.5	40.5	60.7#
254	4.0	6.4	9.6#





#60

Isopropylbenzene

Concen: 0.826 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW024605.D

Acq: 12 Sep 2022 14:15

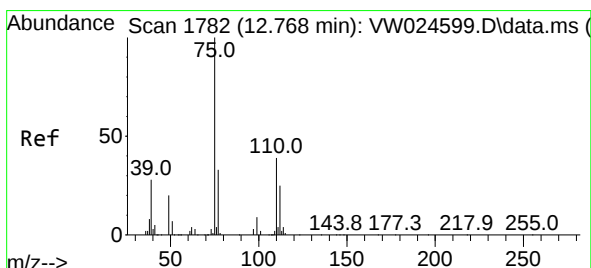
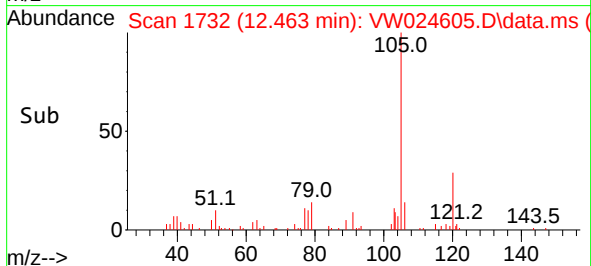
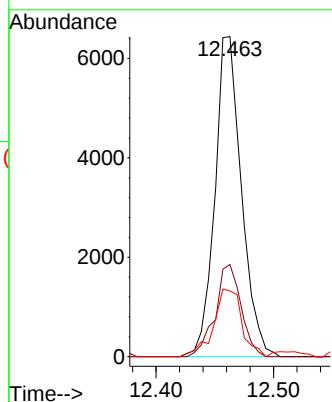
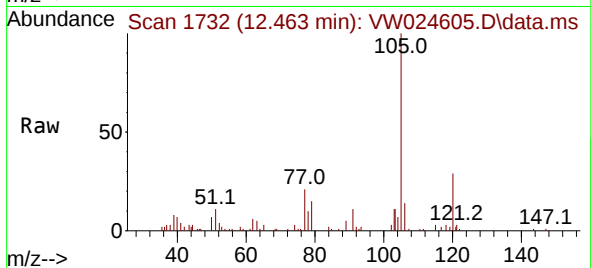
Instrument :

MSVOA_W

ClientSampleId :

MDL 1. PPB

Tgt Ion:	105	Resp:	10146
Ion Ratio	Lower	Upper	
105	100		
120	28.0	20.9	31.3
77	22.4	12.6	19.0#



#61

1,2,3-Trichloropropane

Concen: 1.284 ug/L

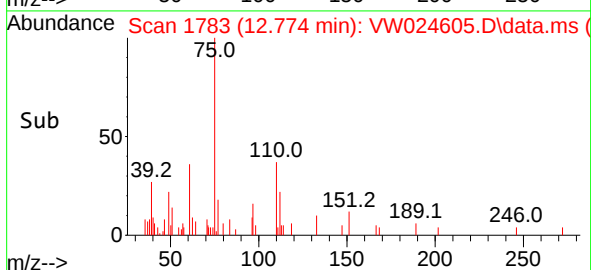
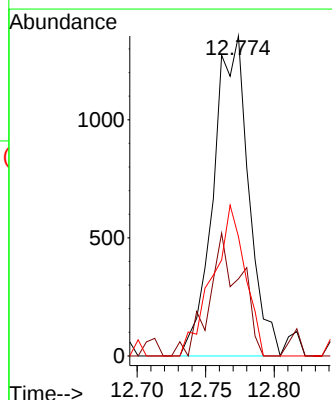
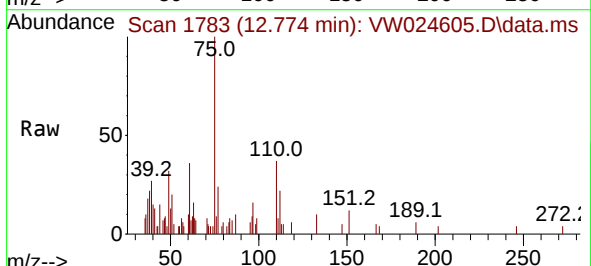
RT: 12.774 min Scan# 1783

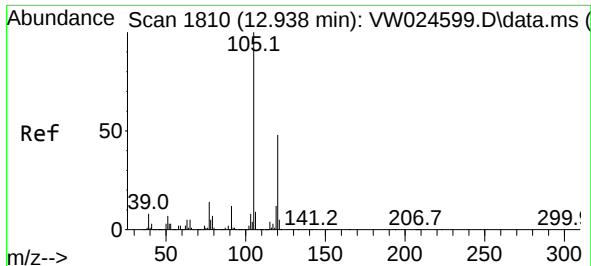
Delta R.T. 0.006 min

Lab File: VW024605.D

Acq: 12 Sep 2022 14:15

Tgt Ion:	75	Resp:	2411
Ion Ratio	Lower	Upper	
75	100		
77	11.9	26.8	40.2#
110	43.6	33.8	50.8

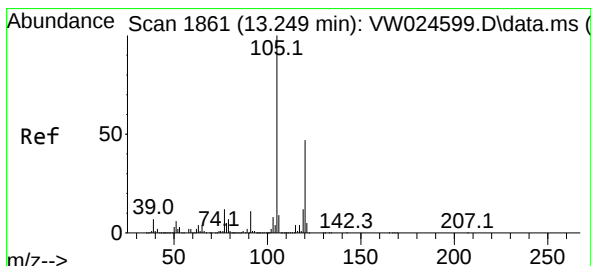
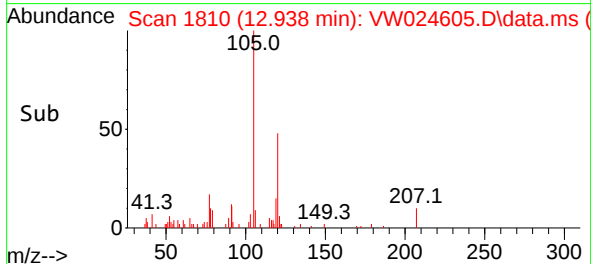
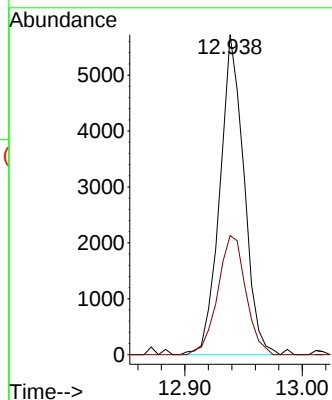
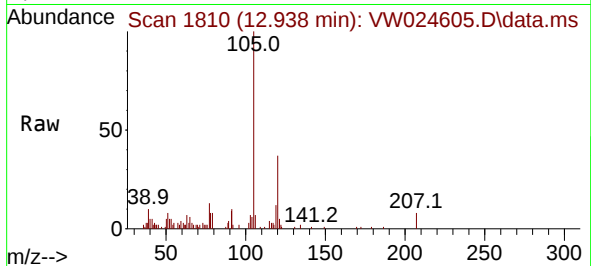




#62
1,3,5-Trimethylbenzene
Concen: 0.800 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

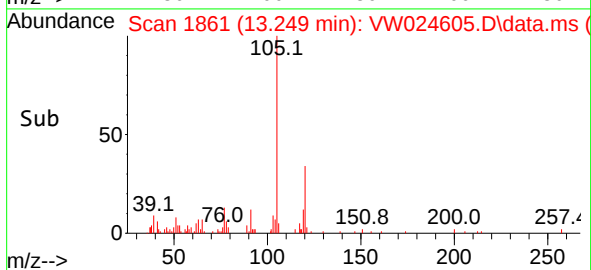
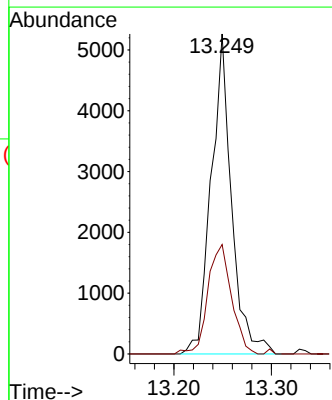
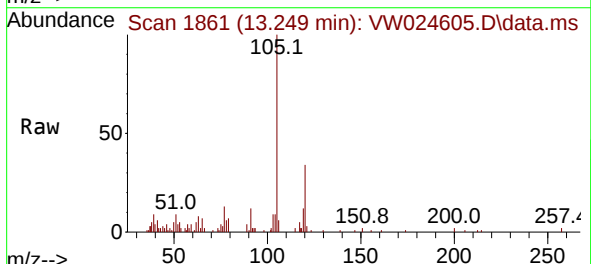
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

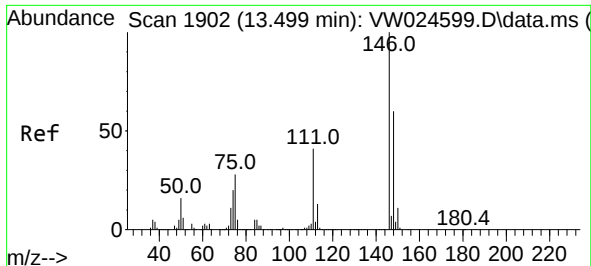
Tgt Ion:105 Resp: 8164
Ion Ratio Lower Upper
105 100
120 43.3 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 0.752 ug/L m
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

Tgt Ion:105 Resp: 7639
Ion Ratio Lower Upper
105 100
120 39.1 36.7 55.1

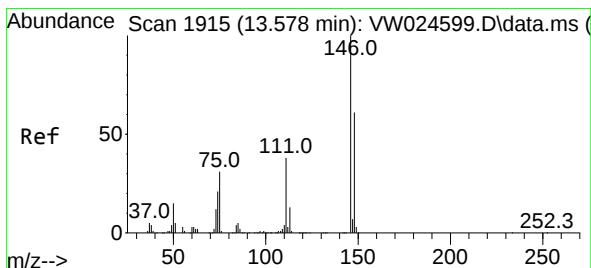
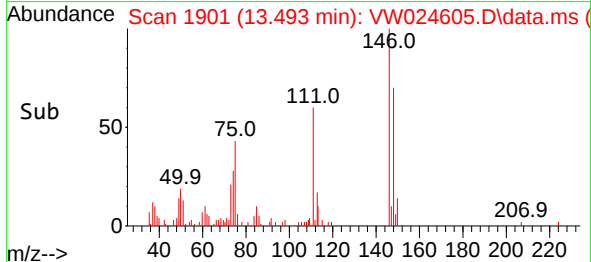
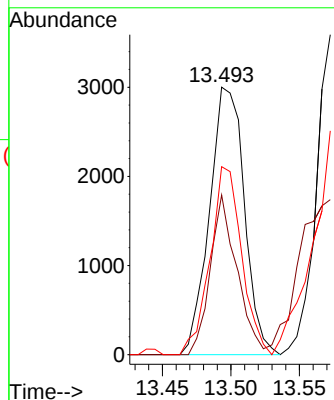
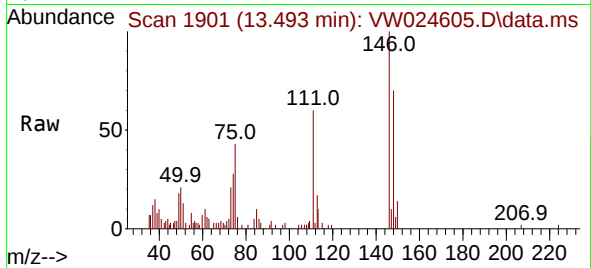




#64
1,3-Dichlorobenzene
Concen: 0.959 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

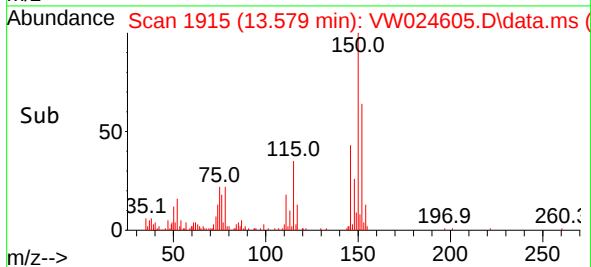
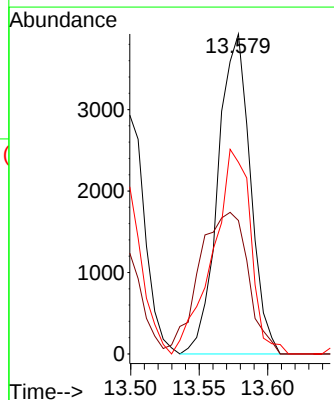
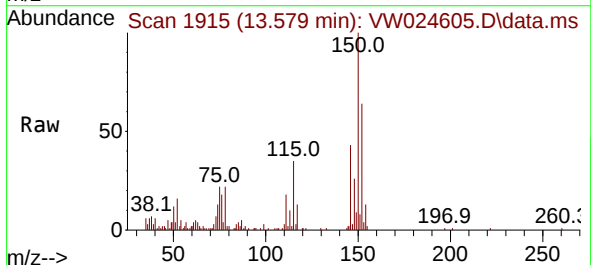
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

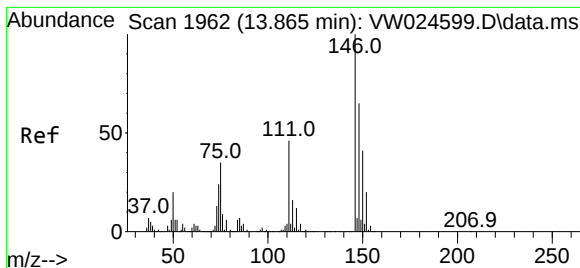
Tgt Ion:146 Resp: 5308
Ion Ratio Lower Upper
146 100
111 59.7 28.3 52.5#
148 70.3 42.2 78.4



#65
1,4-Dichlorobenzene
Concen: 1.103 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

Tgt Ion:146 Resp: 6434
Ion Ratio Lower Upper
146 100
111 41.7 29.3 54.3
148 59.9 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 1.194 ug/L

RT: 13.871 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VW024605.D

Acq: 12 Sep 2022 14:15

Instrument :

MSVOA_W

ClientSampleId :

MDL 1. PPB

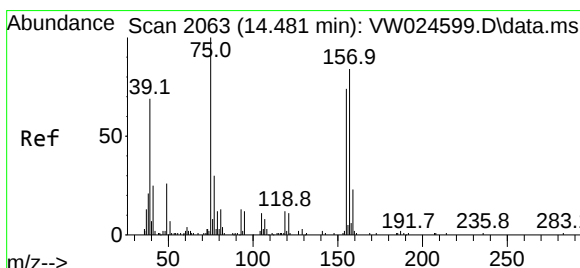
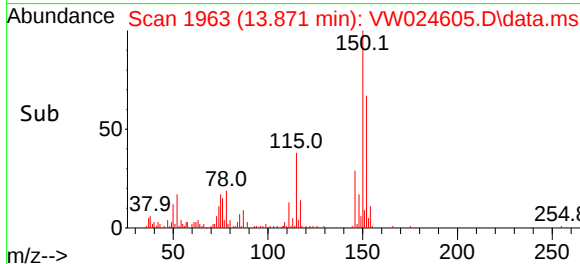
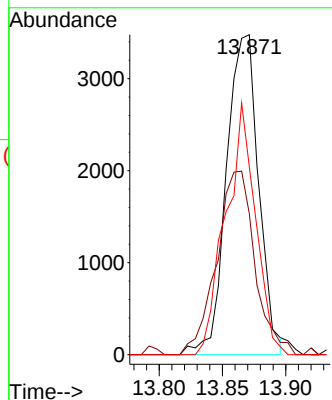
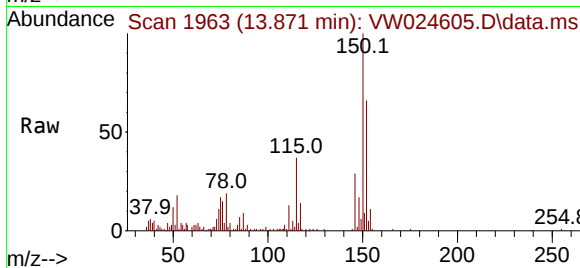
Tgt Ion:146 Resp: 6163

Ion Ratio Lower Upper

146 100

111 44.0 32.2 48.4

148 58.7 48.3 72.5



#68

1,2-Dibromo-3-chloropropane

Concen: 1.675 ug/L m

RT: 14.487 min Scan# 2064

Delta R.T. 0.006 min

Lab File: VW024605.D

Acq: 12 Sep 2022 14:15

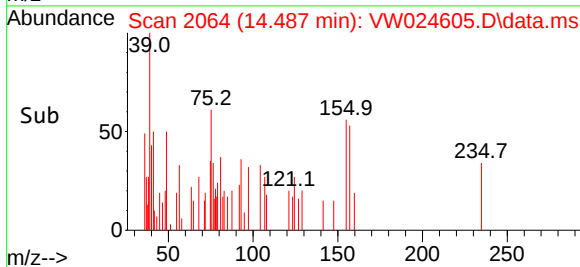
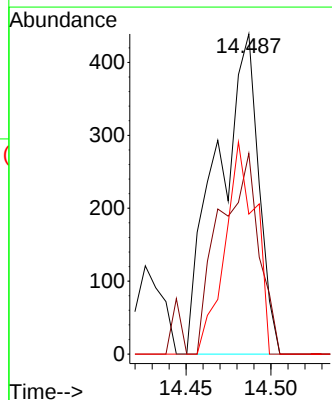
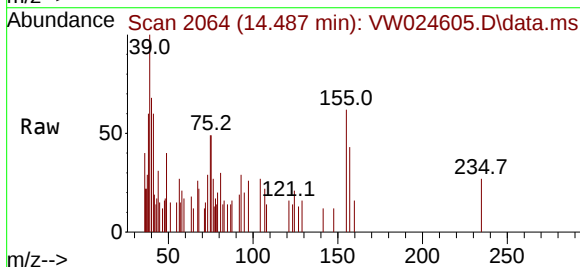
Tgt Ion: 75 Resp: 744

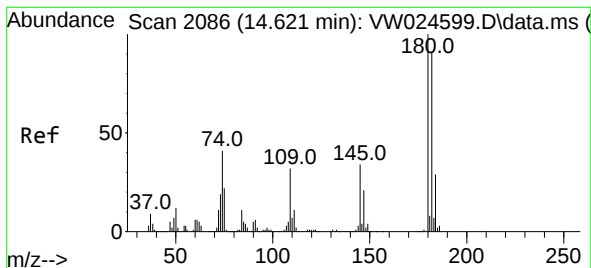
Ion Ratio Lower Upper

75 100

155 125.0 66.3 99.5#

157 87.3 77.6 116.4





#69

1,3,5-Trichlorobenzene

Concen: 0.935 ug/L m

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW024605.D

Acq: 12 Sep 2022 14:15

Instrument :

MSVOA_W

ClientSampleId :

MDL 1. PPB

Tgt Ion:180 Resp: 3364

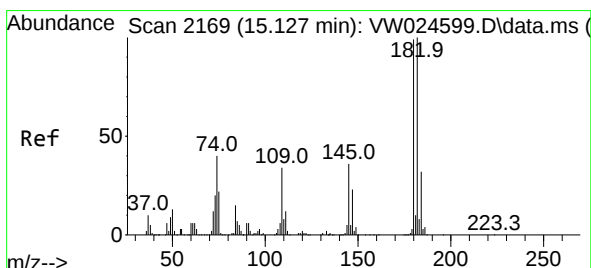
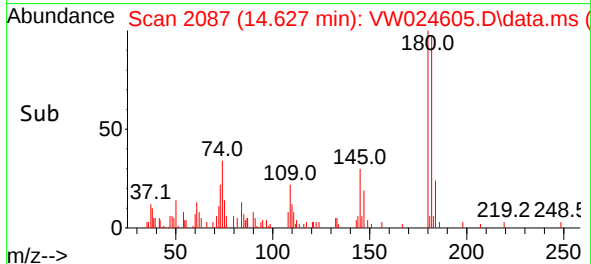
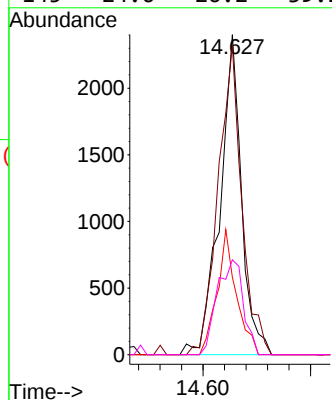
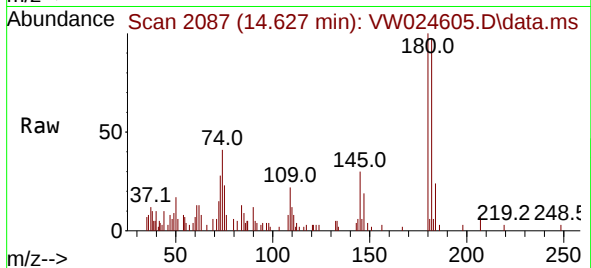
Ion Ratio Lower Upper

180 100

182 59.2 72.4 108.6#

184 24.1 22.8 34.2

145 24.6 26.2 39.2#



#70

1,2,4-trichlorobenzene

Concen: 0.881 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VW024605.D

Acq: 12 Sep 2022 14:15

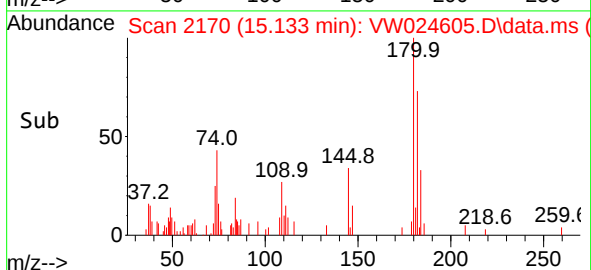
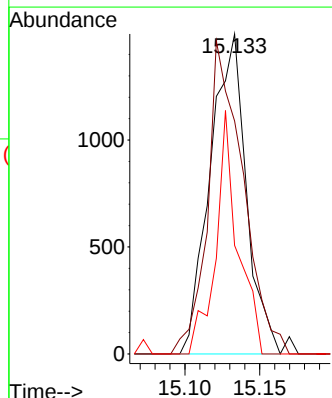
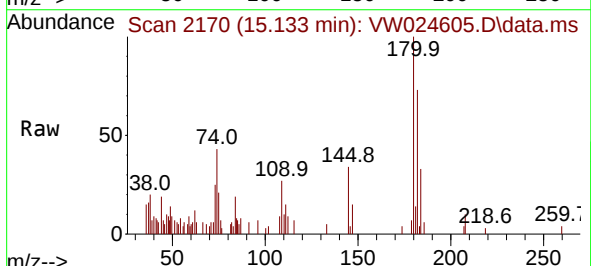
Tgt Ion:180 Resp: 2513

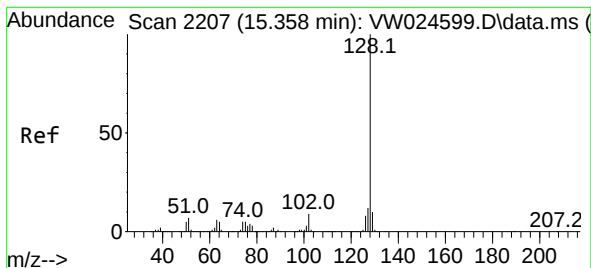
Ion Ratio Lower Upper

180 100

182 95.9 73.8 110.6

145 46.1 26.6 39.8#





#71

Naphthalene

Concen: 0.707 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW024605.D

Acq: 12 Sep 2022 14:15

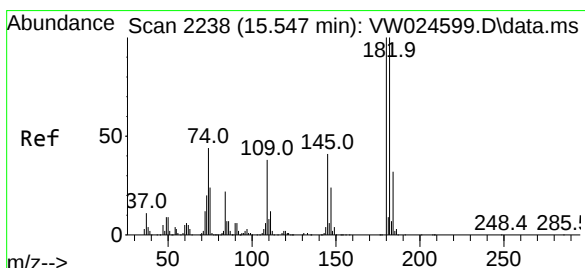
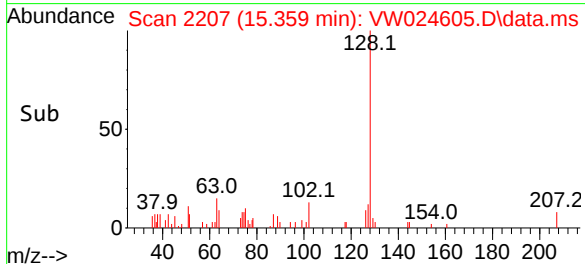
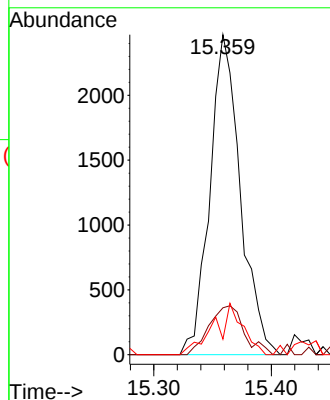
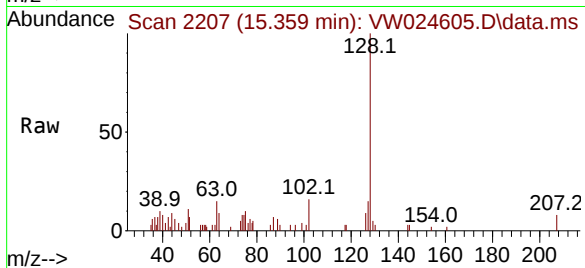
Instrument :

MSVOA_W

ClientSampleId :

MDL 1. PPB

Tgt Ion:128	Resp:	4464
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.7 16.1#
129	6.7	8.8 13.2#



#72

1,2,3-Trichlorobenzene

Concen: 0.897 ug/L

RT: 15.542 min Scan# 2237

Delta R.T. -0.006 min

Lab File: VW024605.D

Acq: 12 Sep 2022 14:15

Tgt Ion:180	Resp:	2382
Ion Ratio	Lower	Upper
180	100	
182	83.7	78.7 118.1
145	34.7	28.1 42.1

