

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. 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 02:54:23 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	4.166	63	235	0.056	ug/L	0.15
Spiked Amount	25.000	Range	45 - 110	Recovery	= 0.240%#	
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	2.477	62	76	0.016	ug/L	85
6) Bromomethane	2.763	94	5863	1.872	ug/L	95
8) Chloroethane	2.916	64	5068	1.939	ug/L	89
9) Trichlorofluoromethane	3.251	101	3816	1.374	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	1630	0.637	ug/L #	59
12) 1,1-Dichloroethene	4.025	96	1846	0.844	ug/L #	1
13) Acetone	4.117	43	749	1.382	ug/L	82
14) Carbon disulfide	4.373	76	6139	1.061	ug/L #	90
15) Methyl Acetate	4.690	43	580	0.506	ug/L	92
16) Methylene chloride	4.916	84	7169	2.511	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	1387	0.554	ug/L	96
18) Methyl tert-butyl Ether	5.415	73	2161	0.484	ug/L #	76
19) 1,1-Dichloroethane	6.214	63	2427	0.532	ug/L	97
20) cis-1,2-Dichloroethene	7.007	96	42	0.015	ug/L	94
22) 2-Butanone	7.171	43	1080	1.232	ug/L	88
23) Bromochloromethane	7.494	128	853	0.663	ug/L #	47
25) Chloroform	7.671	83	5384	1.063	ug/L	91

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 Response via : Initial Calibration

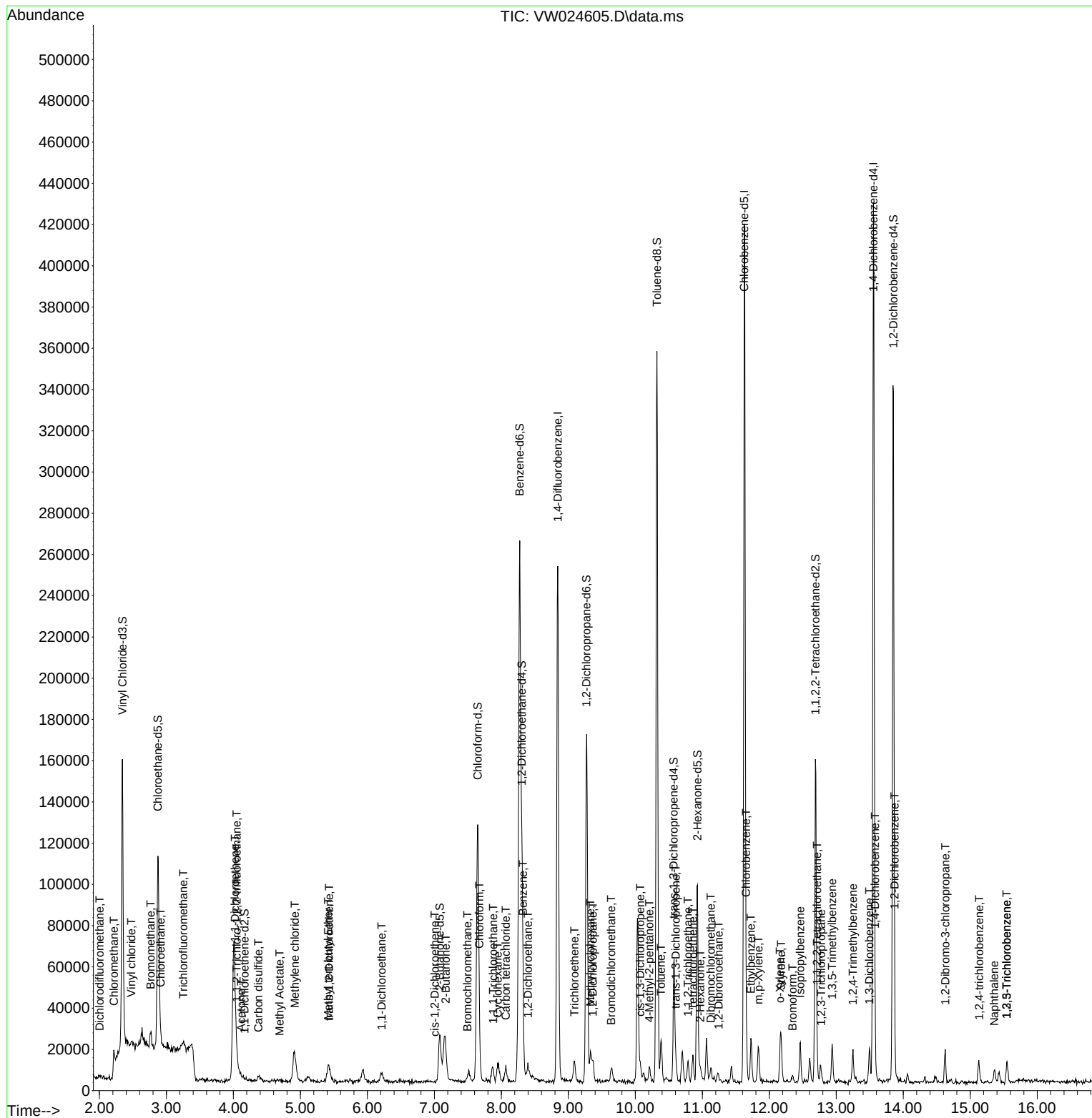
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	4468	1.313	ug/L	98
29) Cyclohexane	7.945	56	2243	0.574	ug/L #	43
30) 1,1,1-Trichloroethane	7.878	97	4368	0.987	ug/L #	88
31) Carbon tetrachloride	8.067	117	4608	1.141	ug/L	94
33) Benzene	8.323	78	11411	0.997	ug/L	100
34) 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	3977	0.951	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	3700	1.962	ug/L #	91
42) Toluene	10.384	91	14483	1.148	ug/L	94
44) trans-1,3-Dichloropropene	10.604	75	4561	1.155	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	6716	0.661	ug/L	98
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...	14.627	75	1049	2.361	ug/L #	4
69) 1,3,5-Trichlorobenzene	15.542	180	2382	0.662	ug/L	93
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

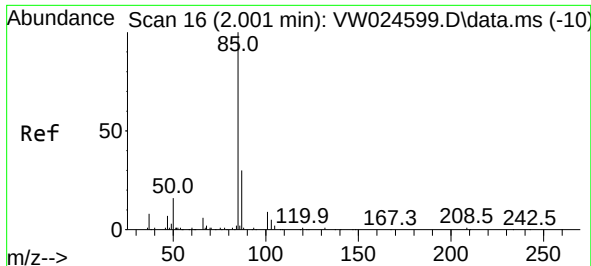
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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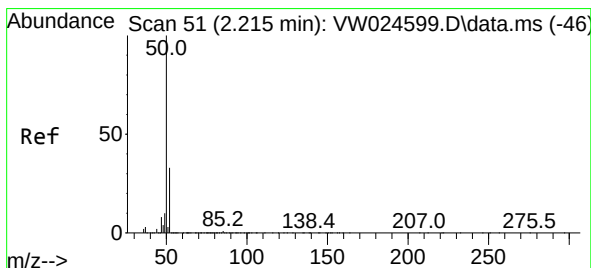
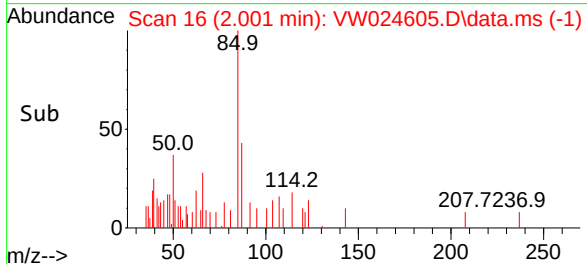
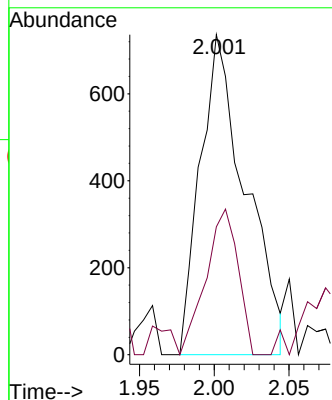
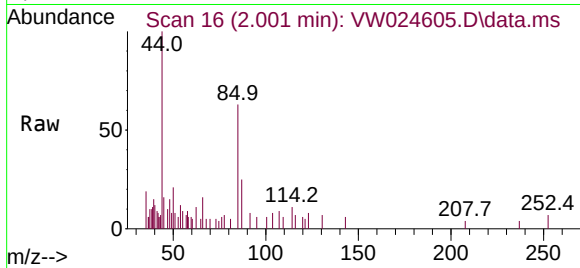




#2
Dichlorodifluoromethane
Concen: 1.697 ug/L
RT: 2.001 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

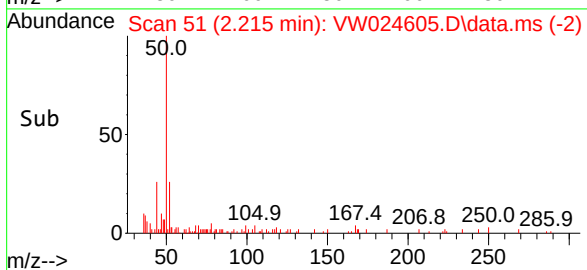
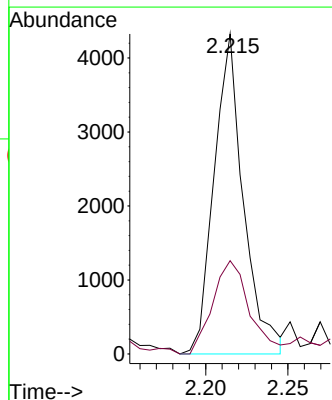
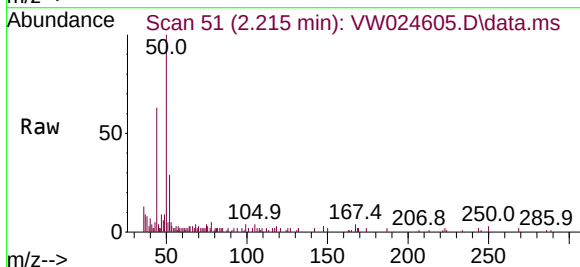
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

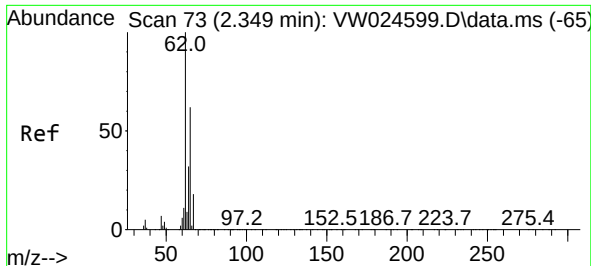
Tgt Ion: 85 Resp: 1555
Ion Ratio Lower Upper
85 100
87 32.2 24.2 36.2



#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

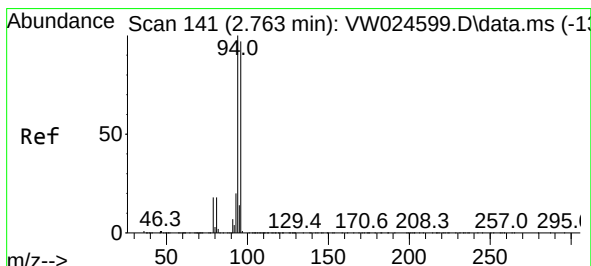
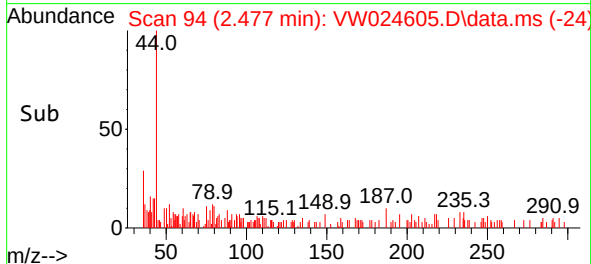
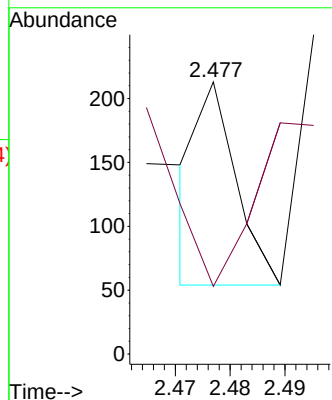
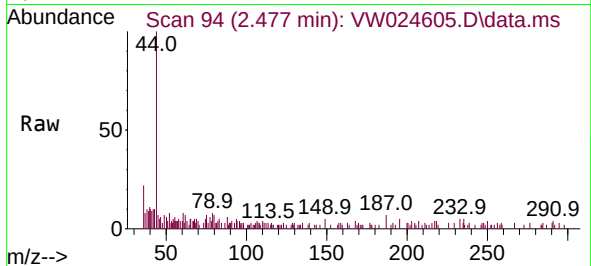




#5
 Vinyl chloride
 Concen: 0.016 ug/L
 RT: 2.477 min Scan# 94
 Delta R.T. 0.128 min
 Lab File: VW024605.D
 Acq: 12 Sep 2022 14:15

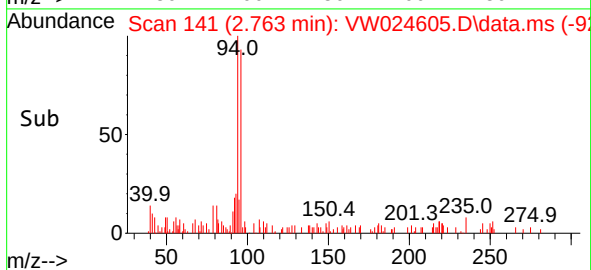
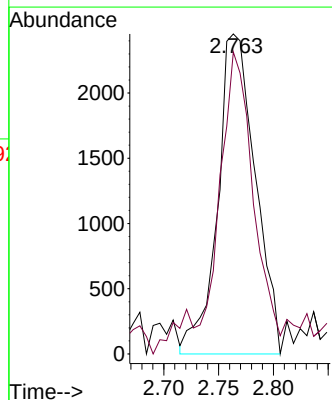
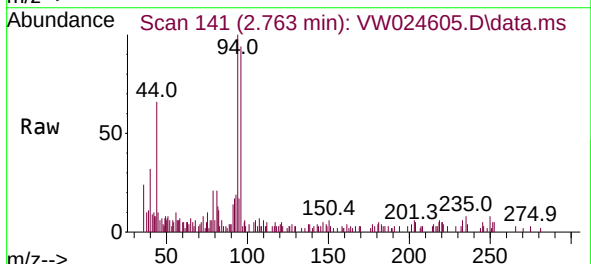
Instrument :
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 ClientSampleId :
 MDL 1. PPB

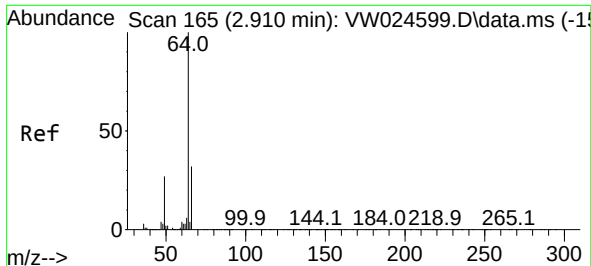
Tgt Ion: 62 Resp: 76
 Ion Ratio Lower Upper
 62 100
 64 24.9 23.3 43.3



#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

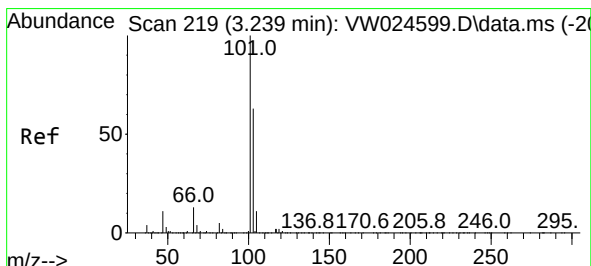
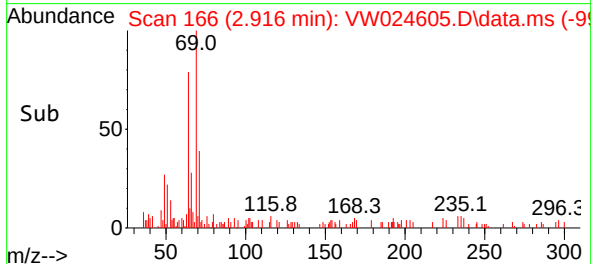
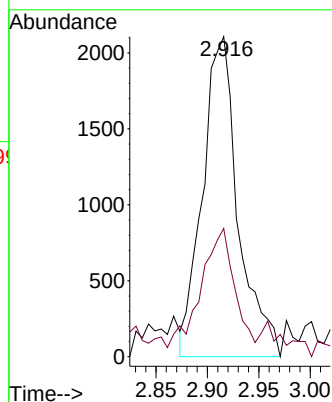
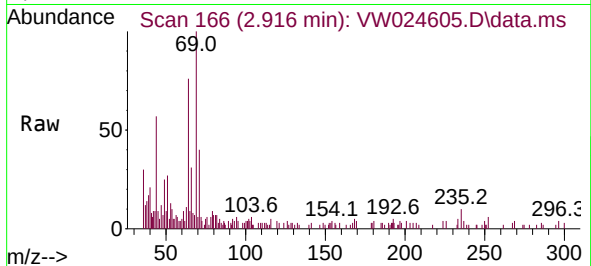




#8
Chloroethane
Concen: 1.939 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.006 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

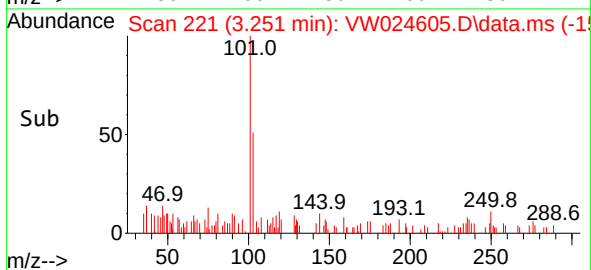
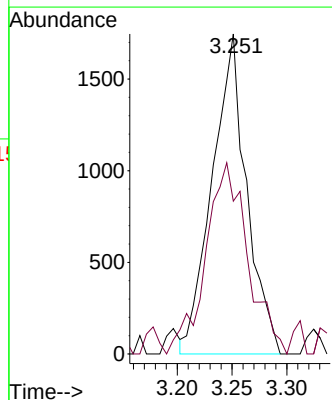
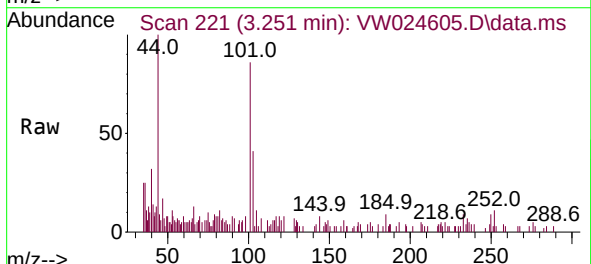
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MSVOA_W
ClientSampleId :
MDL 1. PPB

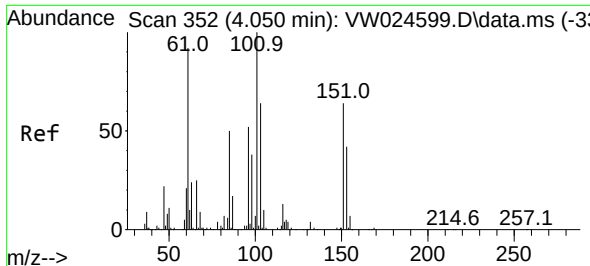
Tgt Ion: 64 Resp: 5068
Ion Ratio Lower Upper
64 100
66 40.1 23.7 44.1



#9
Trichlorofluoromethane
Concen: 1.374 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.012 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

Tgt Ion: 101 Resp: 3816
Ion Ratio Lower Upper
101 100
103 59.7 52.5 78.7

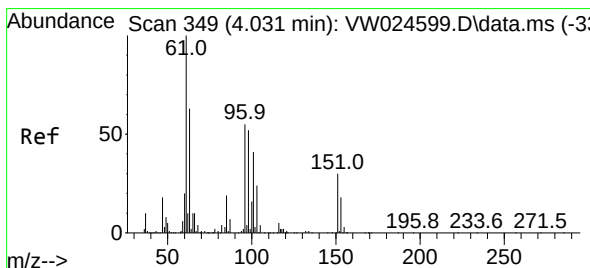
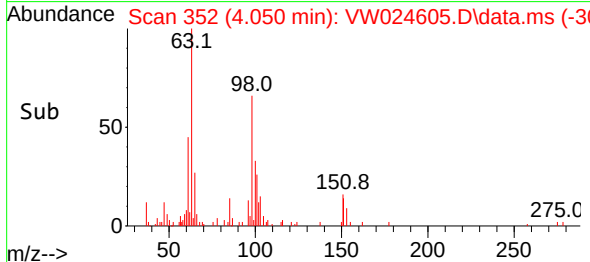
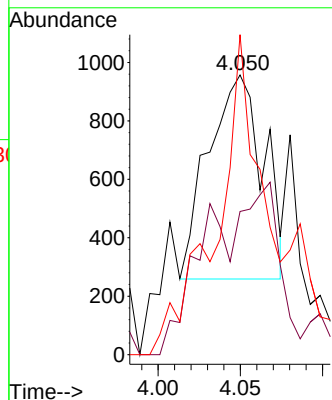
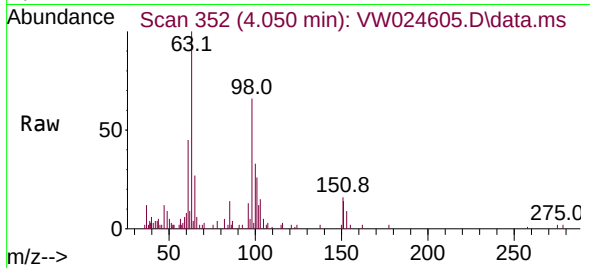




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.637 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.000 min
 Lab File: VW024605.D
 Acq: 12 Sep 2022 14:15

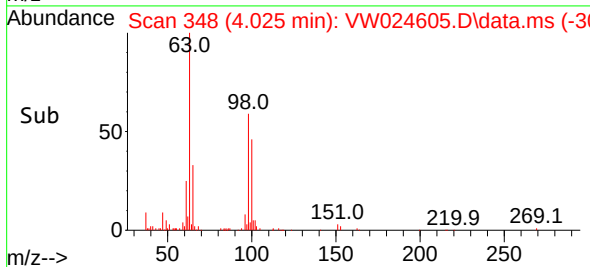
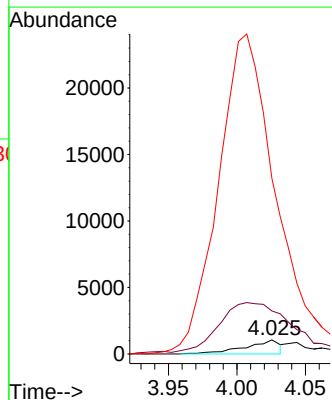
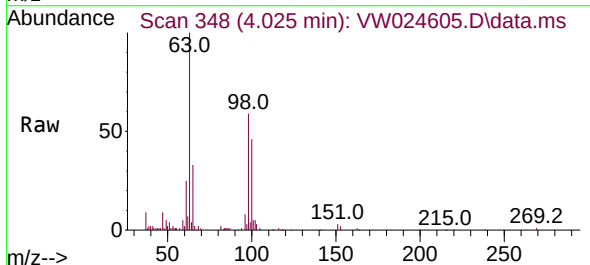
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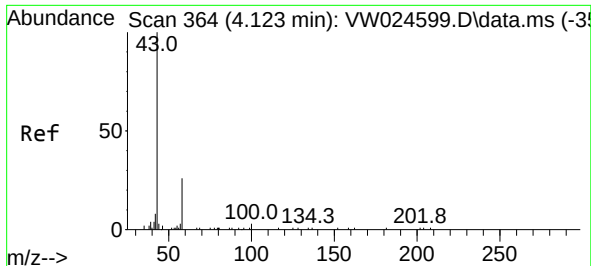
Tgt Ion:101 Resp: 1630
 Ion Ratio Lower Upper
 101 100
 85 58.7 21.8 32.8#
 151 94.3 53.9 80.9#



#12
 1,1-Dichloroethene
 Concen: 0.844 ug/L
 RT: 4.025 min Scan# 348
 Delta R.T. -0.006 min
 Lab File: VW024605.D
 Acq: 12 Sep 2022 14:15

Tgt Ion: 96 Resp: 1846
 Ion Ratio Lower Upper
 96 100
 61 304.7 119.8 222.6#
 63 1243.0 89.6 166.4#

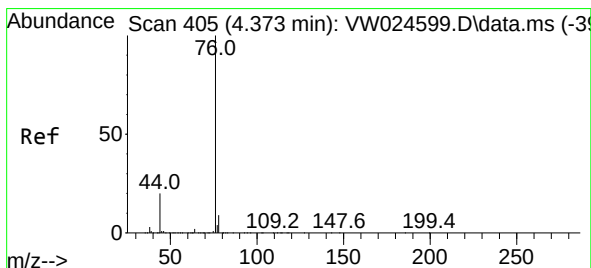
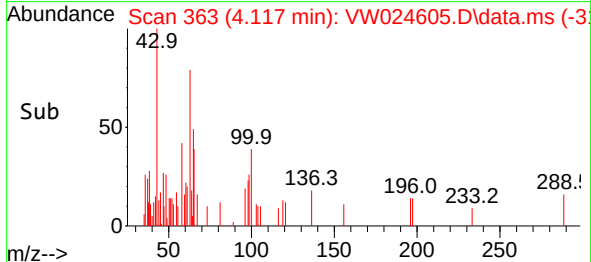
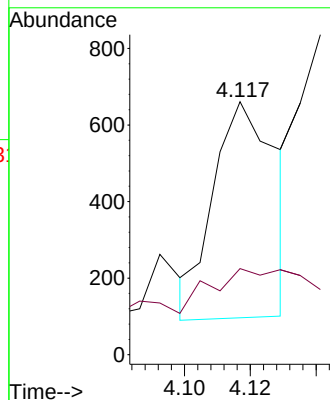
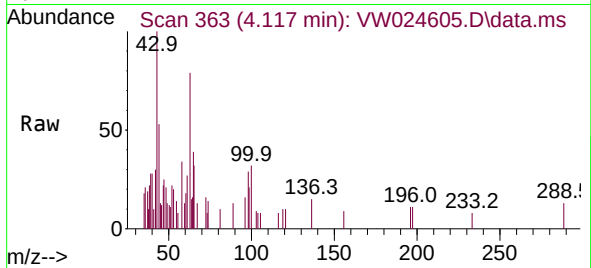




#13
Acetone
Concen: 1.382 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

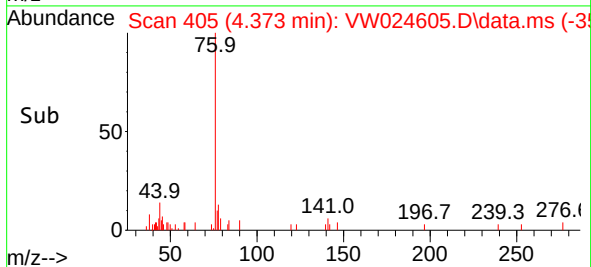
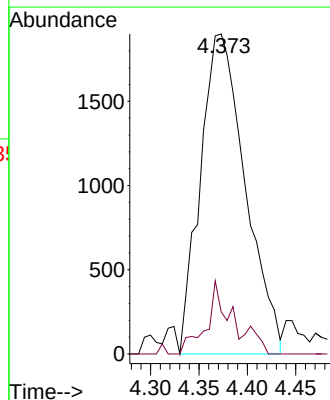
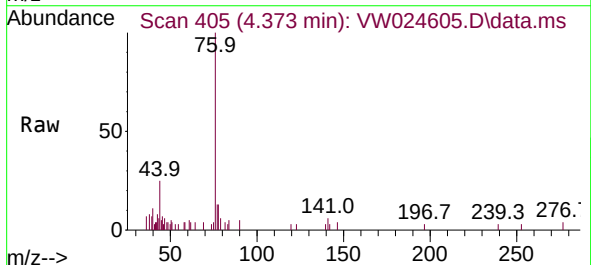
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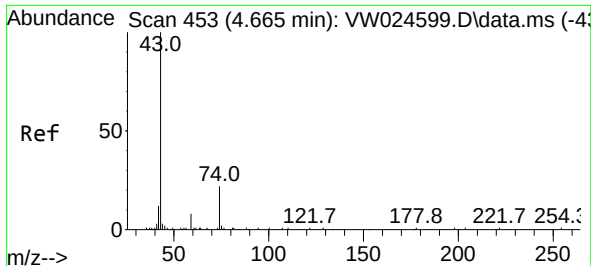
Tgt Ion: 43 Resp: 749
Ion Ratio Lower Upper
43 100
58 38.7 0.0 57.8



#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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Tgt Ion: 76 Resp: 6139
Ion Ratio Lower Upper
76 100
78 13.2 7.5 11.3#

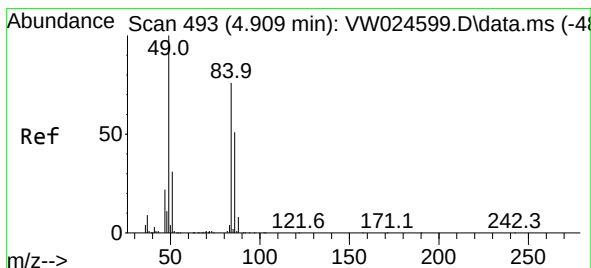
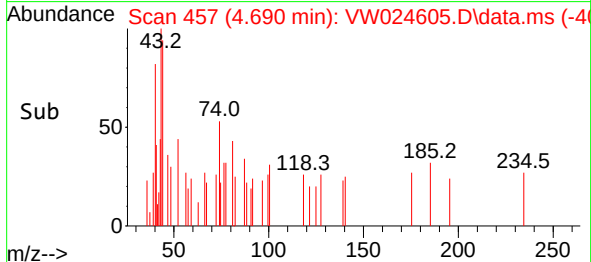
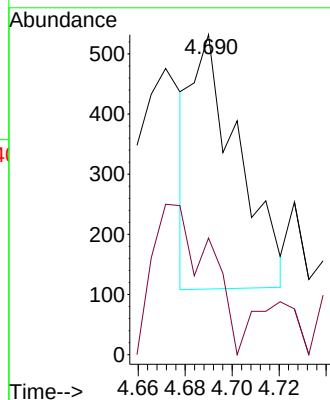
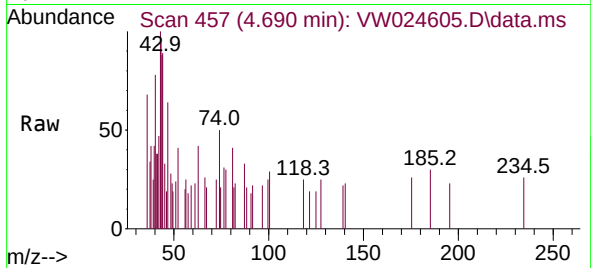




#15
Methyl Acetate
Concen: 0.506 ug/L
RT: 4.690 min Scan# 457
Delta R.T. 0.025 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

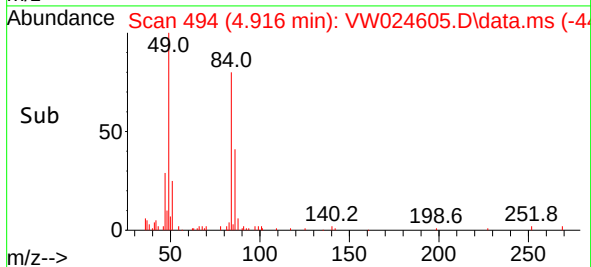
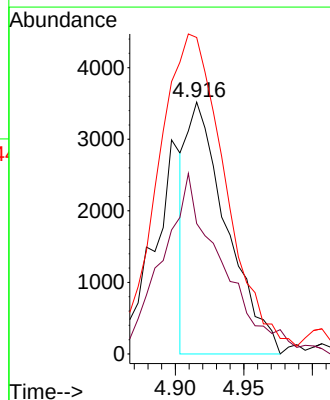
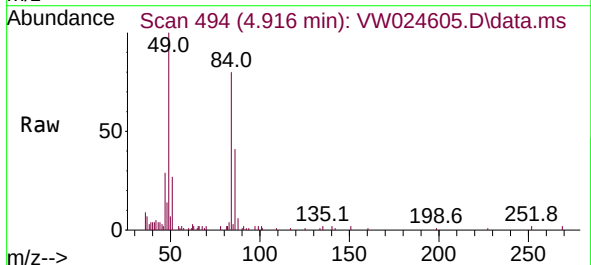
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

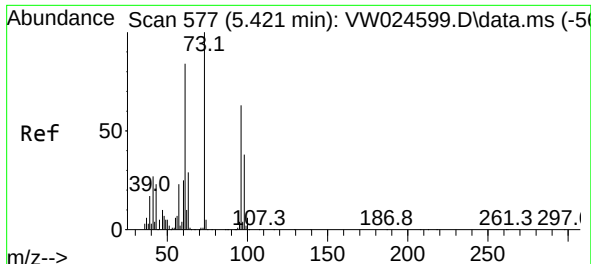
Tgt Ion: 43 Resp: 580
Ion Ratio Lower Upper
43 100
74 20.7 19.9 29.9



#16
Methylene chloride
Concen: 2.511 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

Tgt Ion: 84 Resp: 7169
Ion Ratio Lower Upper
84 100
86 51.8 44.4 82.5
49 125.7 88.5 164.3

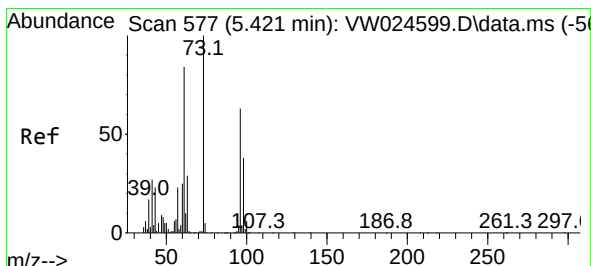
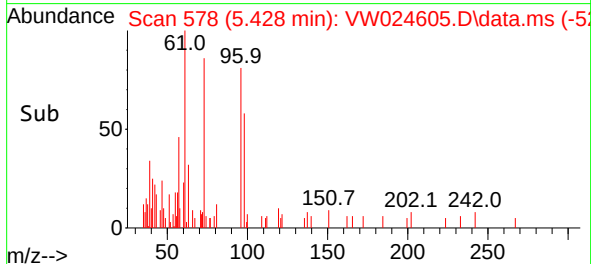
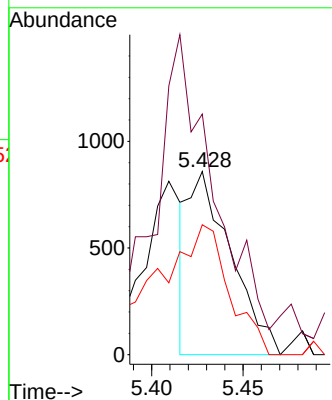
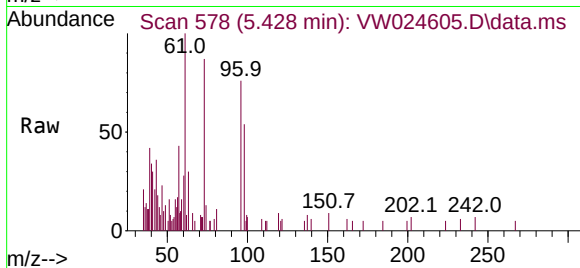




#17
trans-1,2-Dichloroethene
Concen: 0.554 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

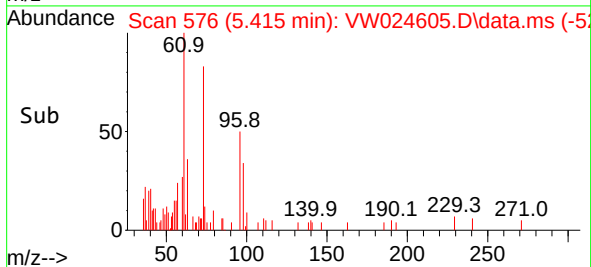
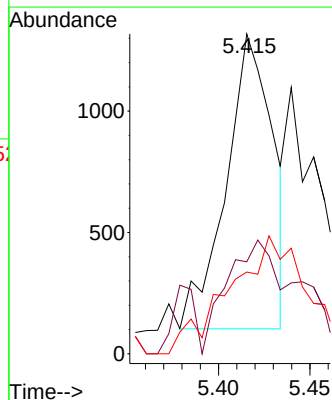
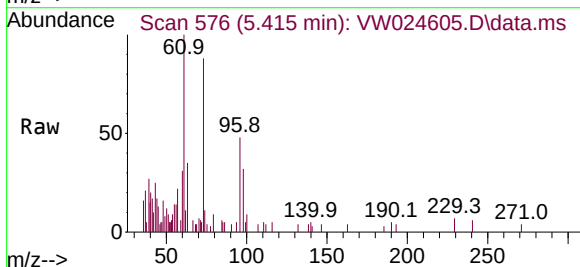
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

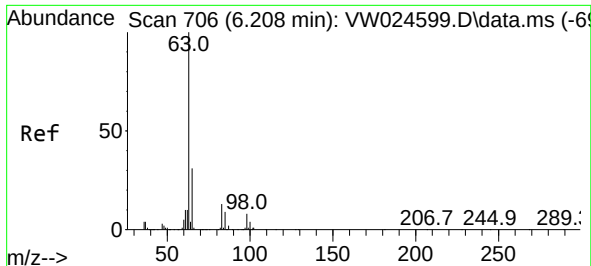
Tgt Ion: 96 Resp: 1387
Ion Ratio Lower Upper
96 100
61 131.3 91.7 170.3
98 70.9 43.6 81.0



#18
Methyl tert-butyl Ether
Concen: 0.484 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

Tgt Ion: 73 Resp: 2161
Ion Ratio Lower Upper
73 100
43 0.0 16.7 25.1#
57 22.5 16.8 25.2





#19

1,1-Dichloroethane

Concen: 0.532 ug/L

RT: 6.214 min Scan# 706

Delta R.T. 0.006 min

Lab File: VW024605.D

Acq: 12 Sep 2022 14:15

Instrument :

MSVOA_W

ClientSampleId :

MDL 1. PPB

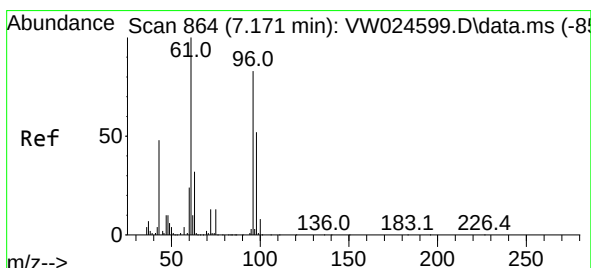
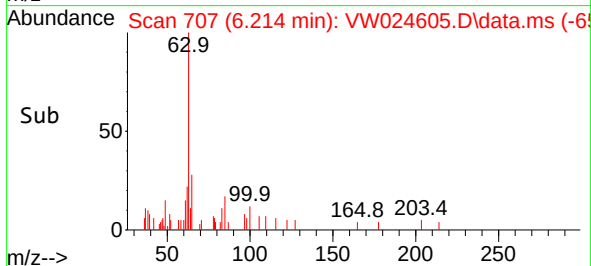
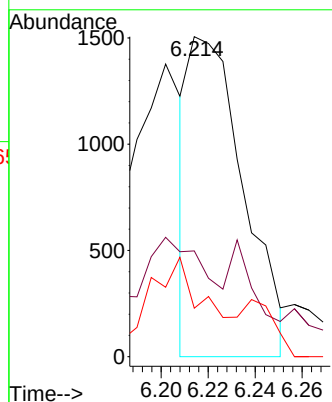
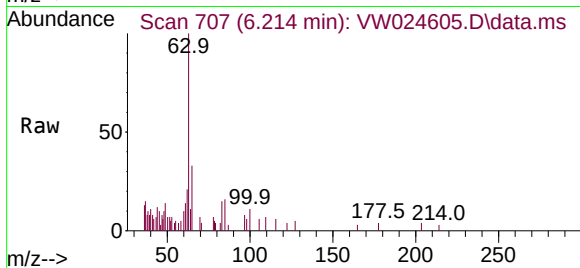
Tgt Ion: 63 Resp: 2427

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: 0.015 ug/L

RT: 7.007 min Scan# 837

Delta R.T. -0.164 min

Lab File: VW024605.D

Acq: 12 Sep 2022 14:15

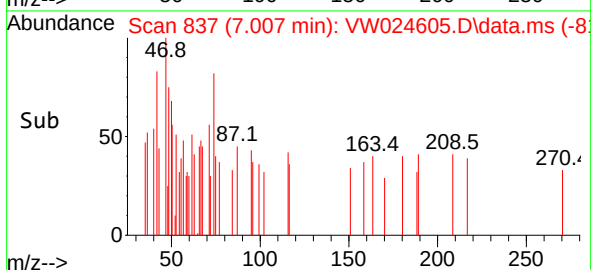
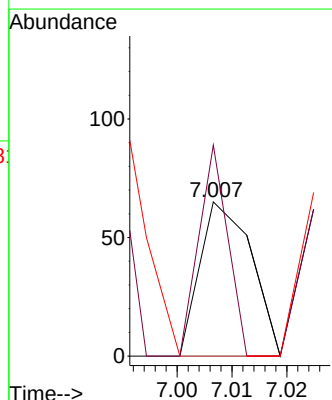
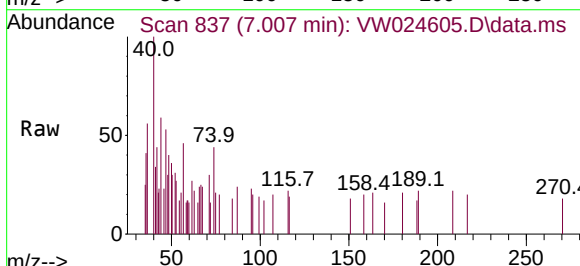
Tgt Ion: 96 Resp: 42

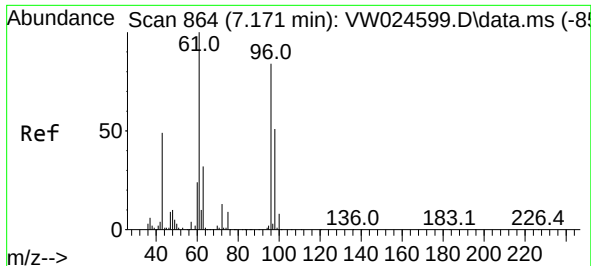
Ion Ratio Lower Upper

96 100

61 136.9 91.2 169.4

68 0.0 0.0 0.0

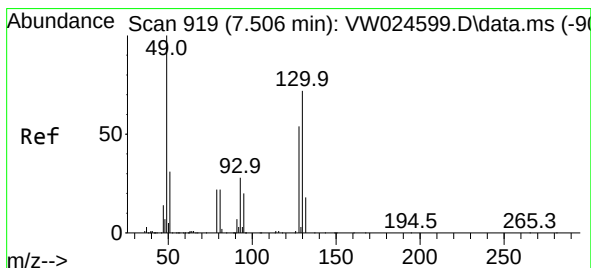
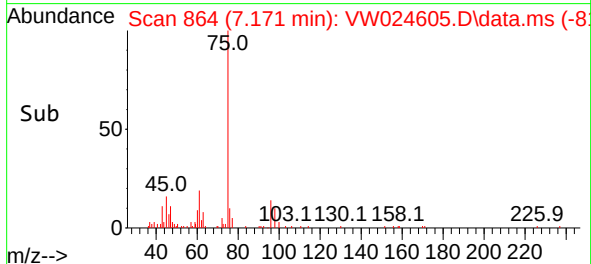
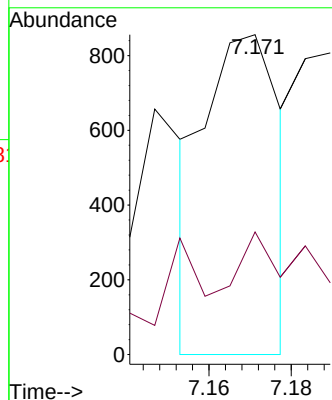
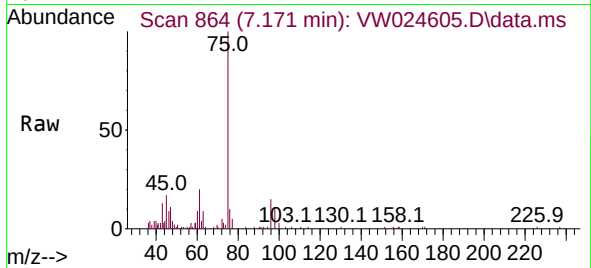




#22
2-Butanone
Concen: 1.232 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

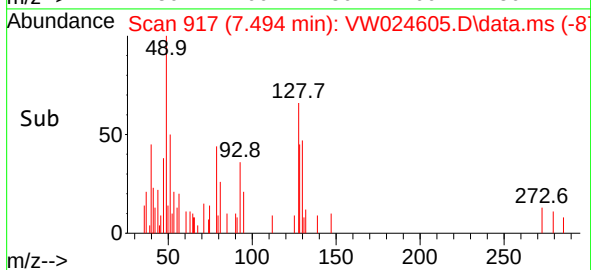
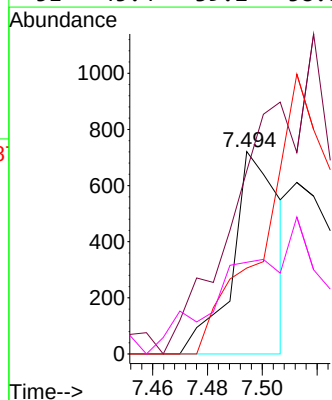
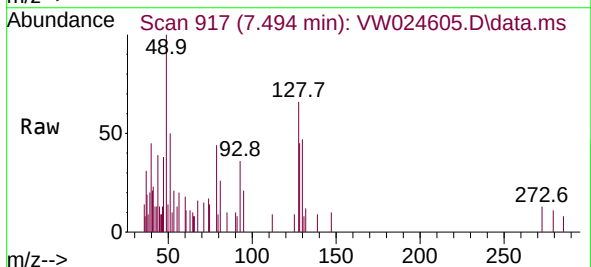
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

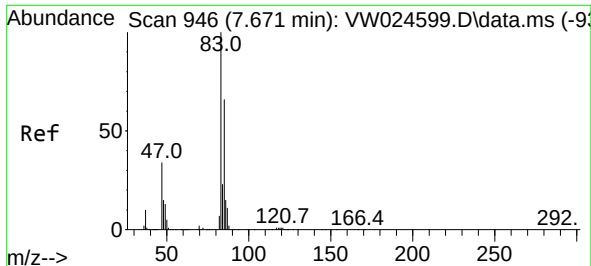
Tgt Ion: 43 Resp: 1080
Ion Ratio Lower Upper
43 100
72 24.4 15.4 46.4



#23
Bromochloromethane
Concen: 0.663 ug/L
RT: 7.494 min Scan# 917
Delta R.T. -0.012 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

Tgt Ion: 128 Resp: 853
Ion Ratio Lower Upper
128 100
49 90.4 110.0 204.2#
130 42.4 88.3 163.9#
51 45.4 39.2 58.8

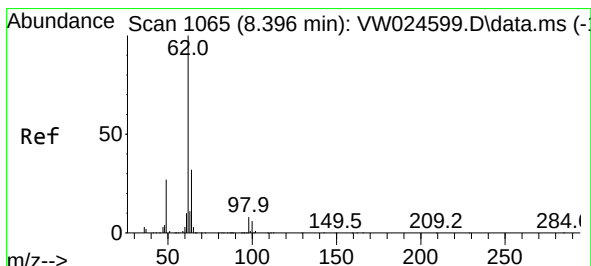
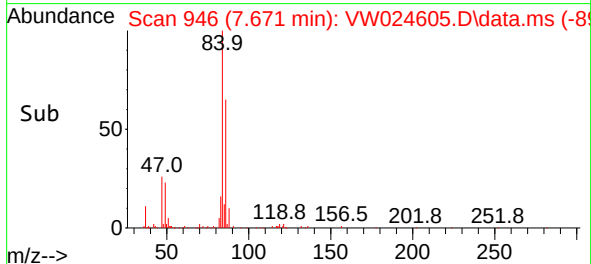
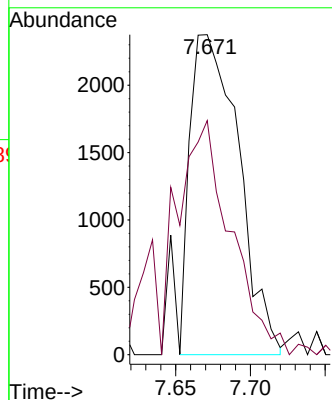
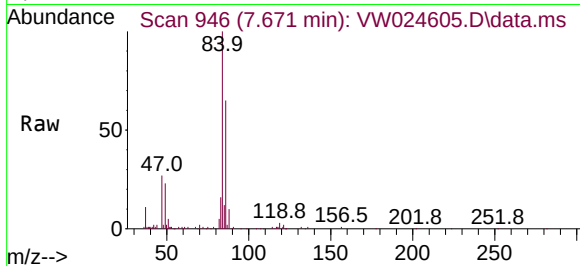




#25
Chloroform
Concen: 1.063 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

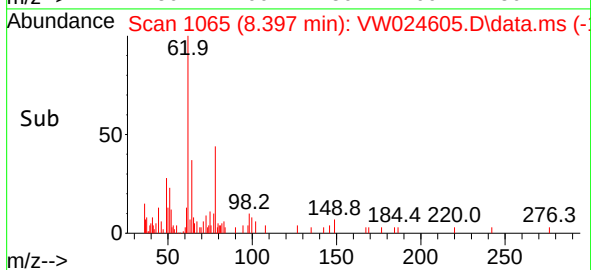
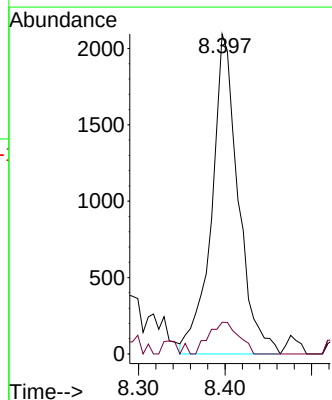
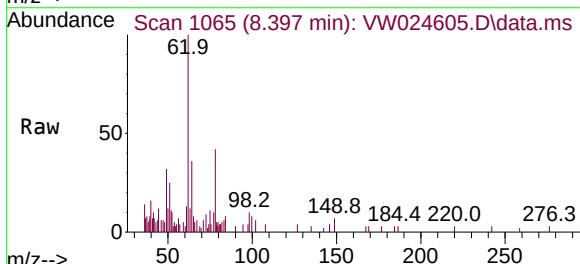
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

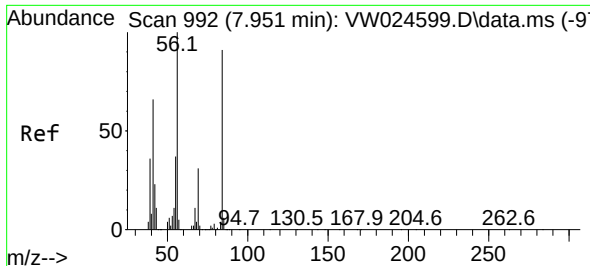
Tgt Ion: 83 Resp: 5384
Ion Ratio Lower Upper
83 100
85 73.2 46.4 86.2



#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

Tgt Ion: 62 Resp: 4468
Ion Ratio Lower Upper
62 100
98 9.9 7.4 11.0

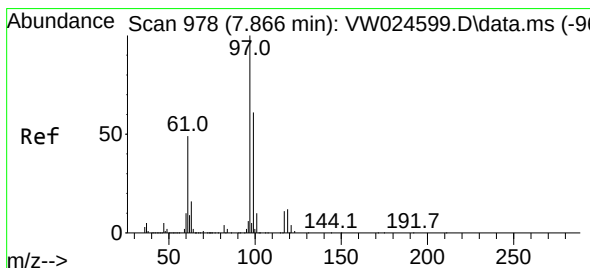
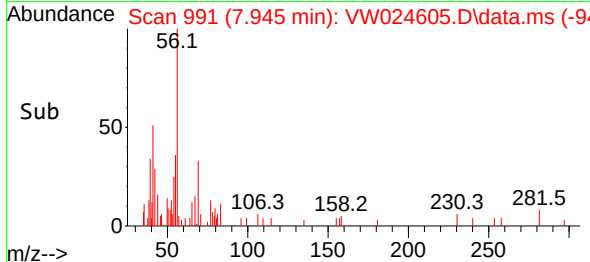
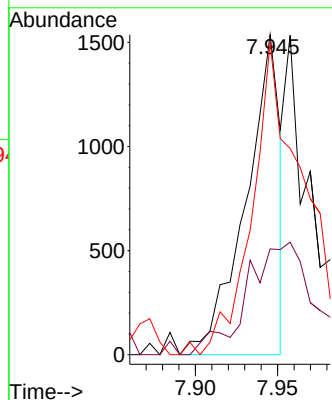
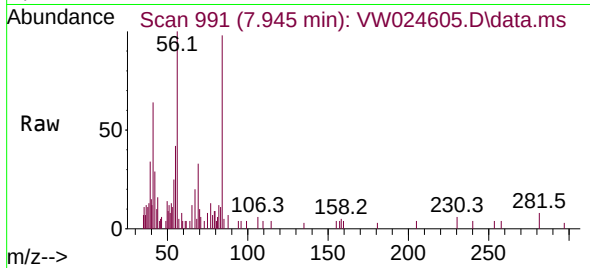




#29
Cyclohexane
Concen: 0.574 ug/L
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

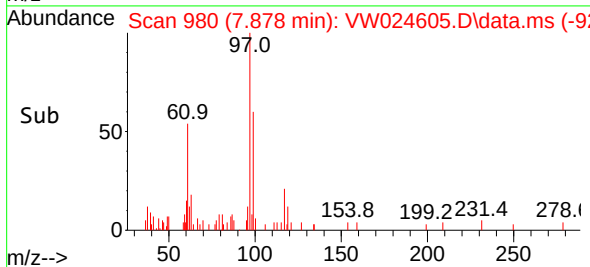
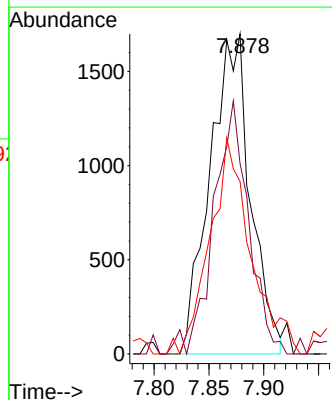
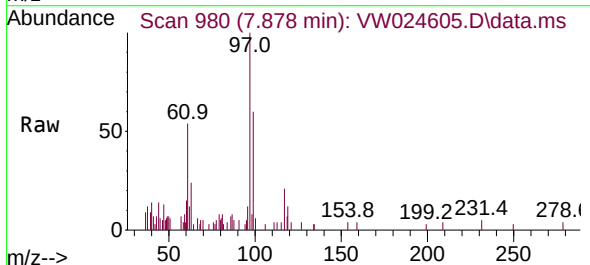
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

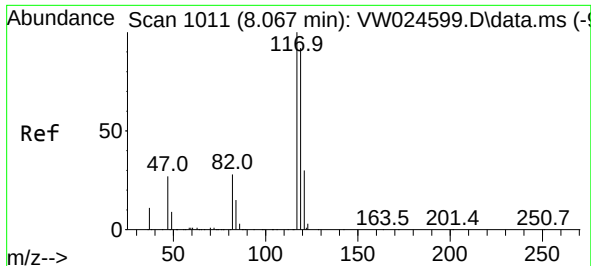
Tgt Ion: 56 Resp: 2243
Ion Ratio Lower Upper
56 100
69 62.4 24.5 36.7#
84 149.1 75.7 113.5#



#30
1,1,1-Trichloroethane
Concen: 0.987 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.012 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

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#

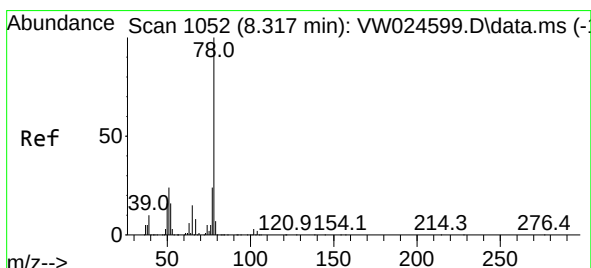
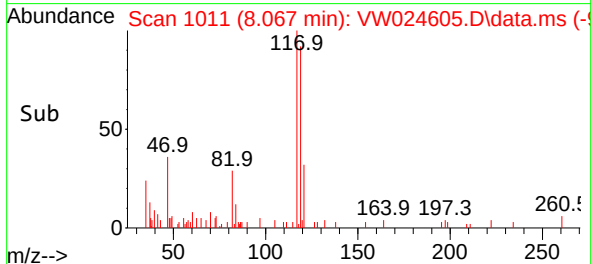
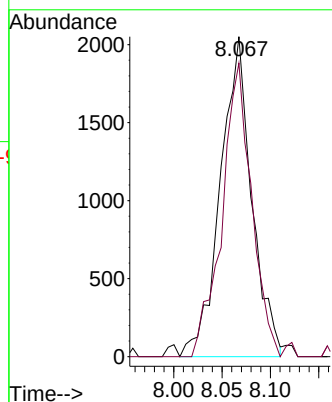
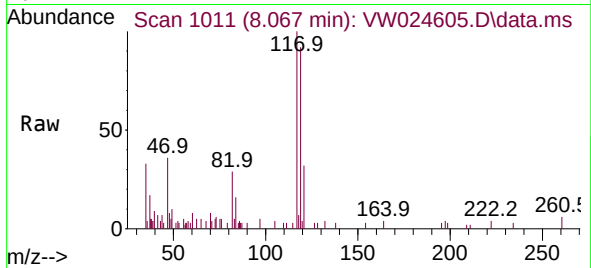




#31
Carbon tetrachloride
Concen: 1.141 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

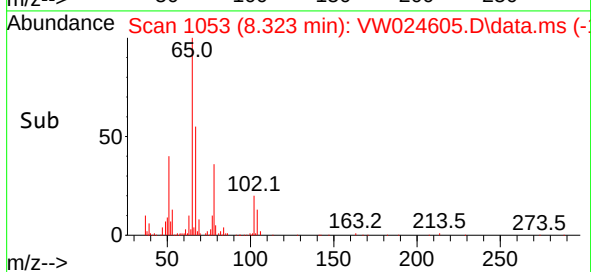
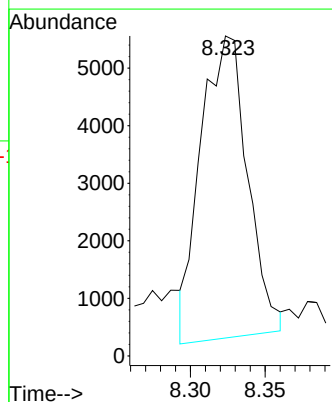
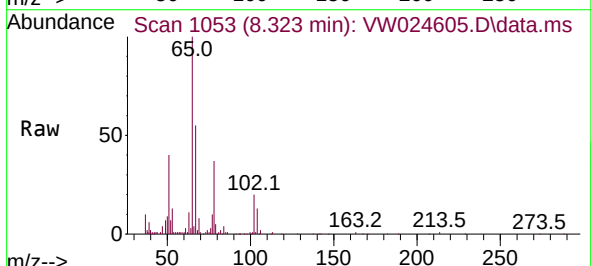
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

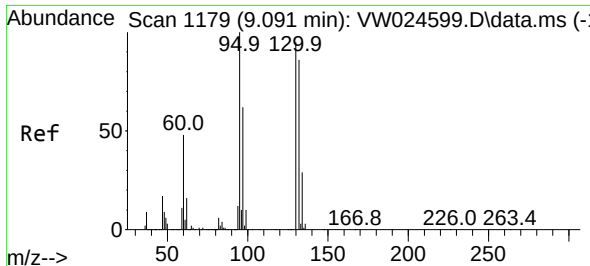
Tgt Ion:117 Resp: 4608
Ion Ratio Lower Upper
117 100
119 87.0 74.4 111.6



#33
Benzene
Concen: 0.997 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

Tgt Ion: 78 Resp: 11411





#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

Instrument :

MSVOA_W

ClientSampleId :

MDL 1. PPB

Tgt Ion: 95 Resp: 2946

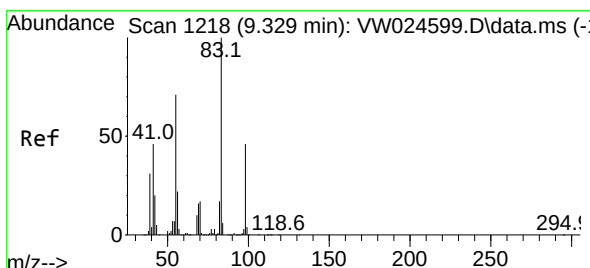
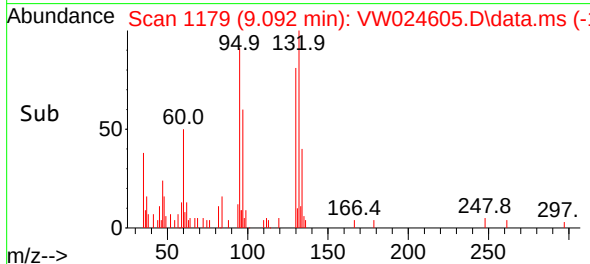
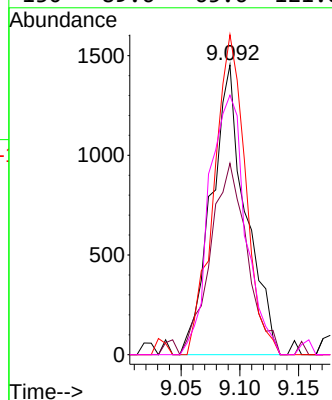
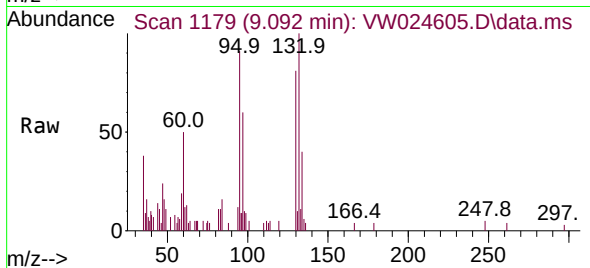
Ion Ratio Lower Upper

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

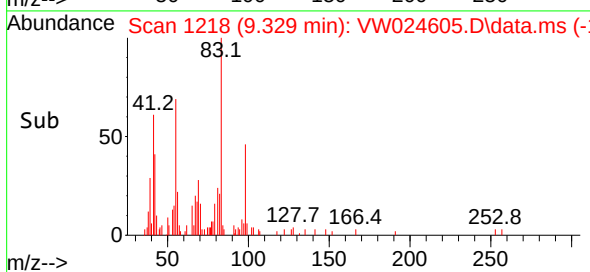
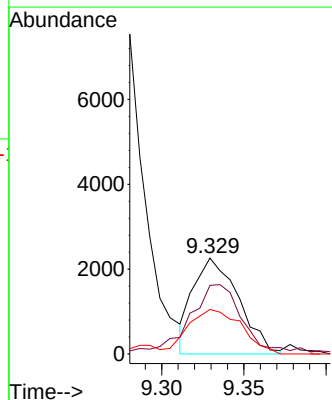
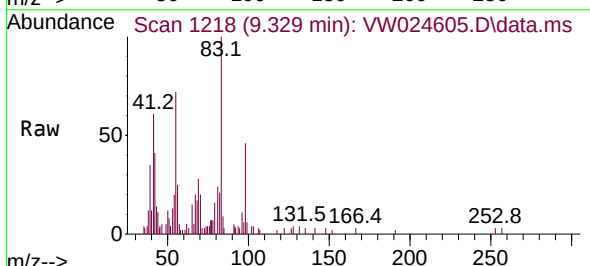
Tgt Ion: 83 Resp: 4346

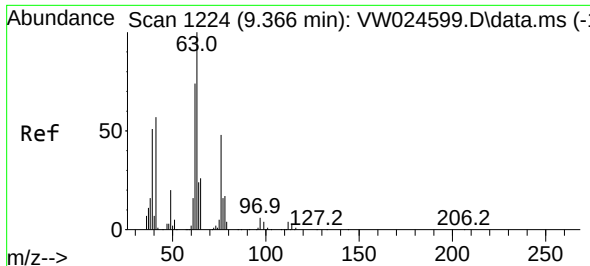
Ion Ratio Lower Upper

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

Instrument :

MSVOA_W

ClientSampleId :

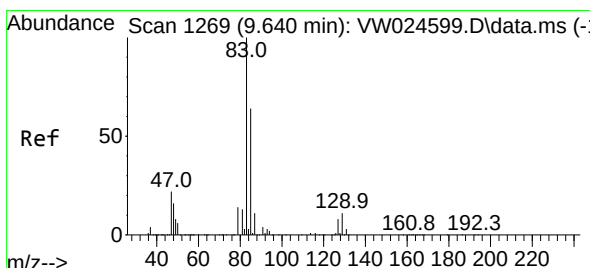
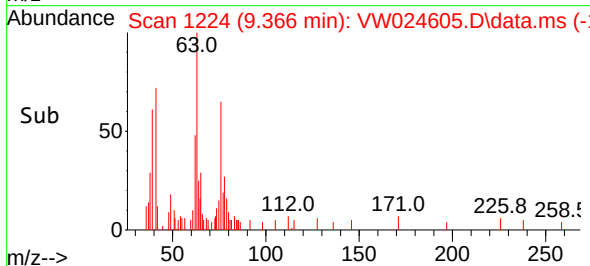
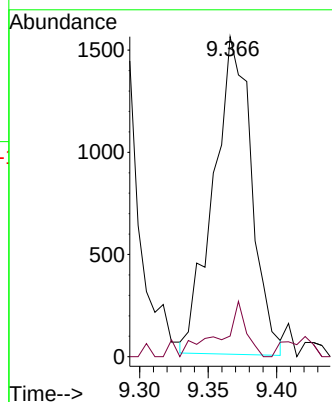
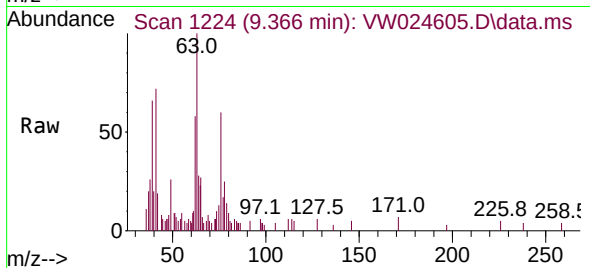
MDL 1. PPB

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# 1269

Delta R.T. 0.000 min

Lab File: VW024605.D

Acq: 12 Sep 2022 14:15

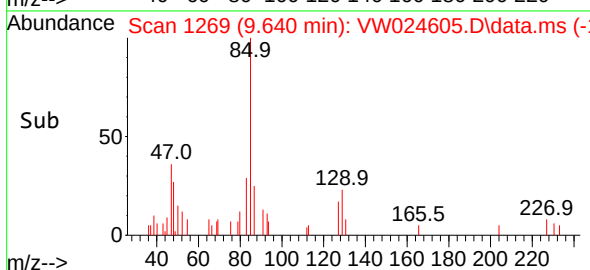
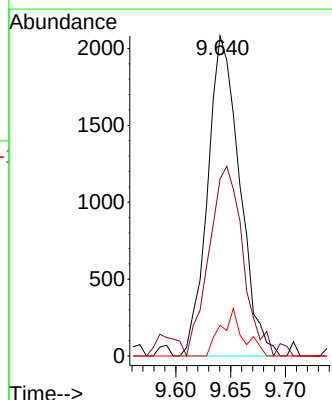
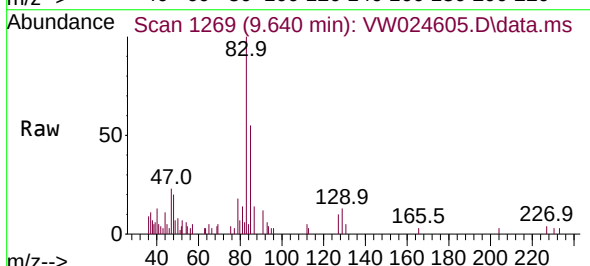
Tgt Ion: 83 Resp: 4241

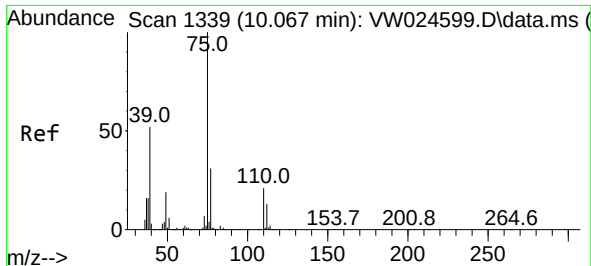
Ion Ratio Lower Upper

83 100

85 55.3 45.1 83.9

127 9.6 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 0.951 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.006 min

Lab File: VW024605.D

Acq: 12 Sep 2022 14:15

Instrument :

MSVOA_W

ClientSampleId :

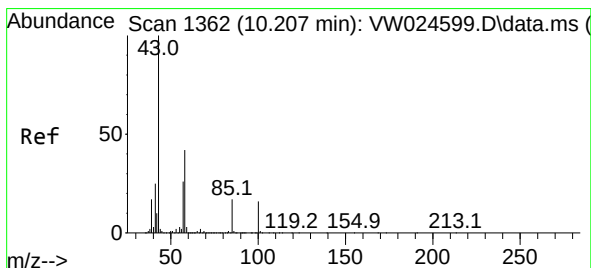
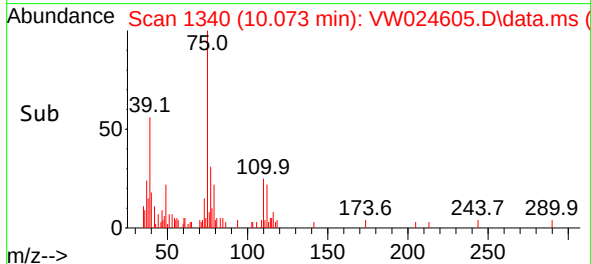
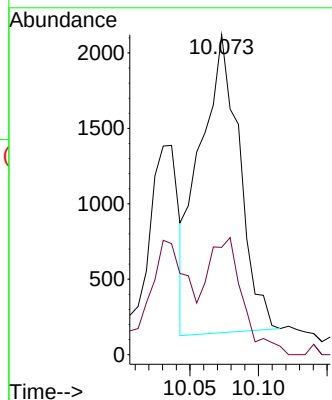
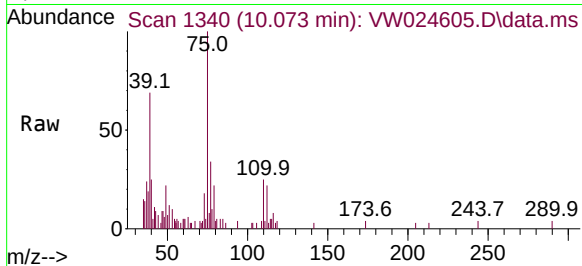
MDL 1. PPB

Tgt Ion: 75 Resp: 3977

Ion Ratio Lower Upper

75 100

77 33.5 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 1.962 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024605.D

Acq: 12 Sep 2022 14:15

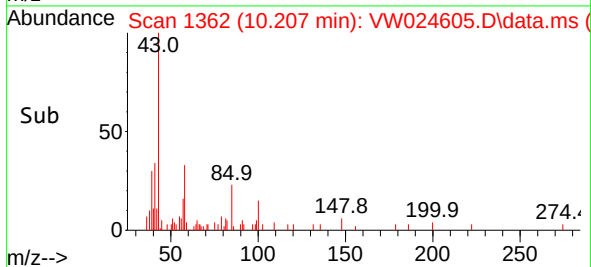
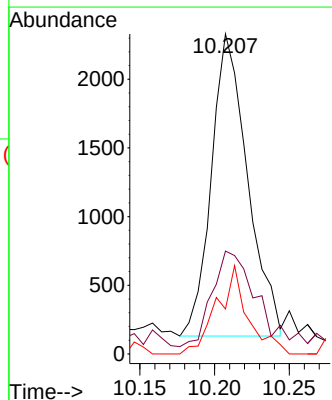
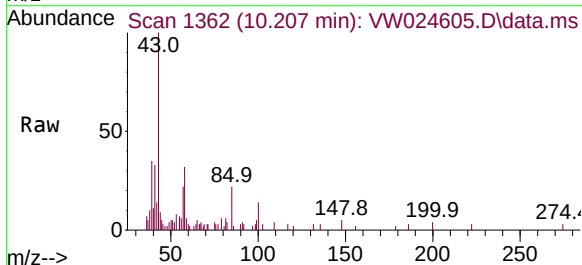
Tgt Ion: 43 Resp: 3700

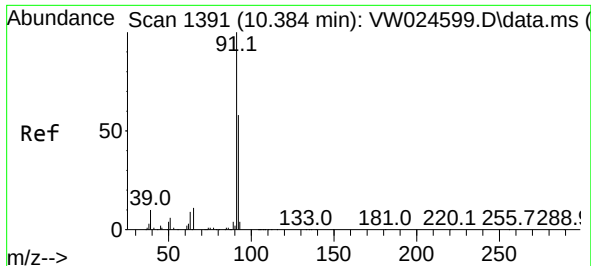
Ion Ratio Lower Upper

43 100

58 35.5 30.9 46.3

100 24.9 13.3 19.9#

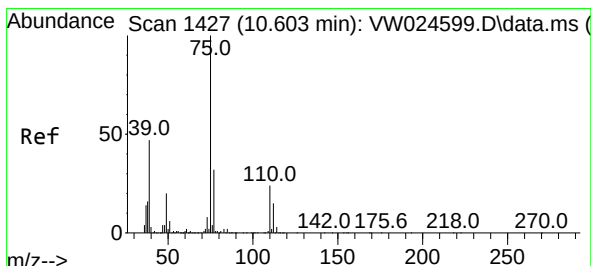
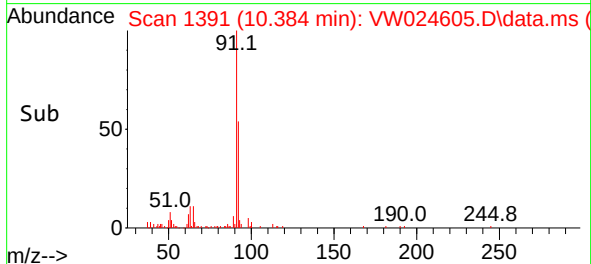
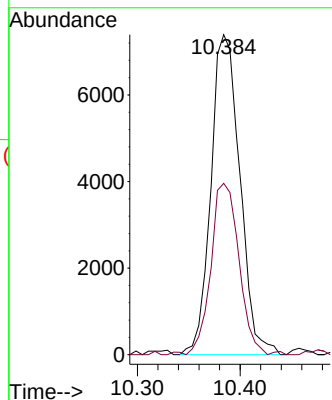
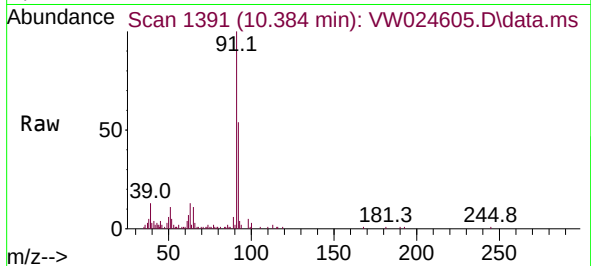




#42
Toluene
Concen: 1.148 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

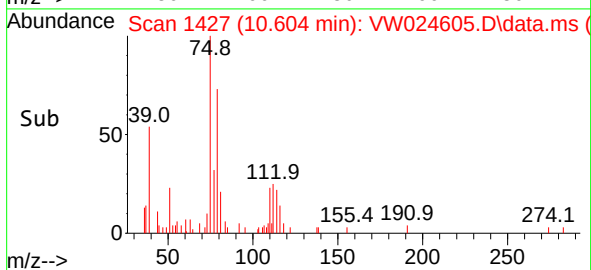
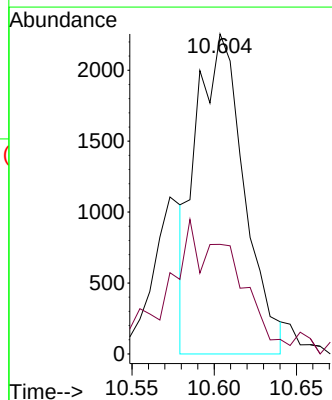
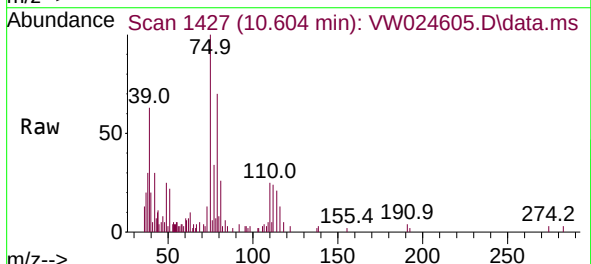
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

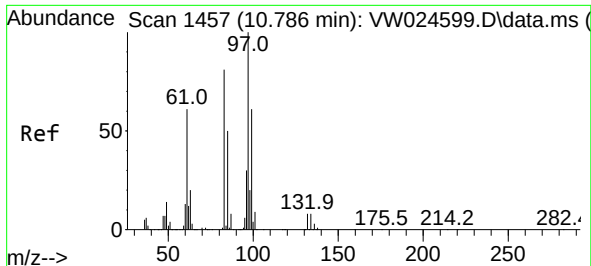
Tgt Ion: 91 Resp: 14483
Ion Ratio Lower Upper
91 100
92 53.5 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 1.155 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

Tgt Ion: 75 Resp: 4561
Ion Ratio Lower Upper
75 100
77 34.3 21.8 40.4

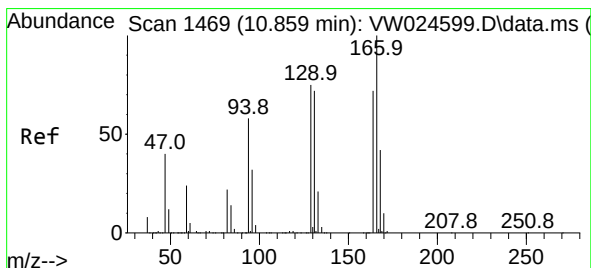
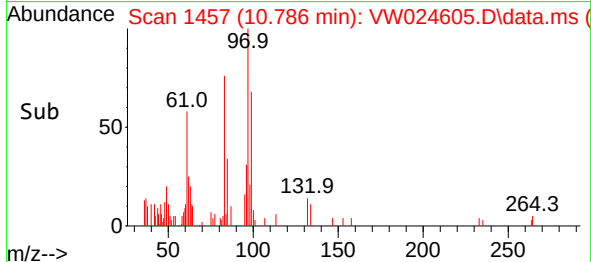
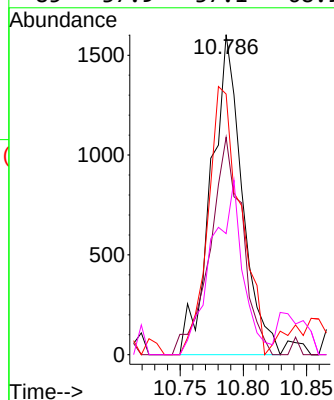
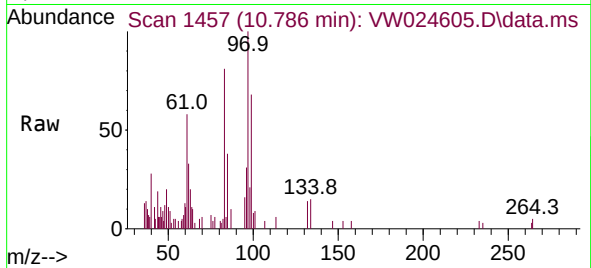




#45
1,1,2-Trichloroethane
Concen: 1.142 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

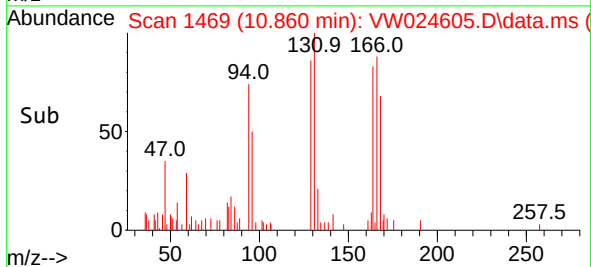
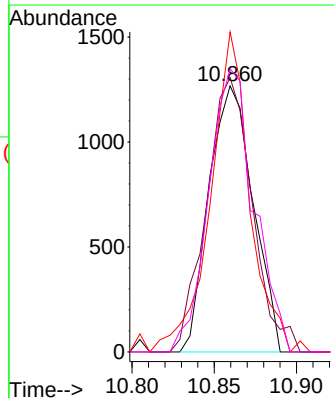
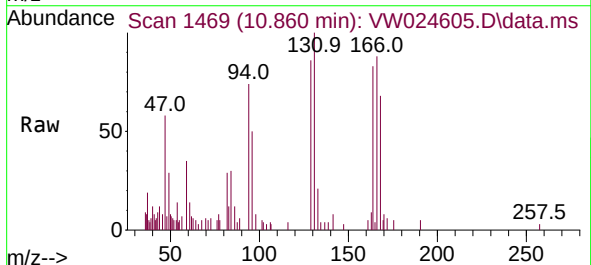
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

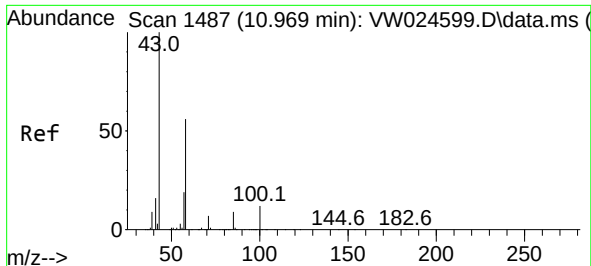
Tgt Ion:	97	Resp:	2729
Ion	Ratio	Lower	Upper
97	100		
99	67.9	41.9	77.9
83	81.5	58.2	108.0
85	37.9	37.1	68.9



#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

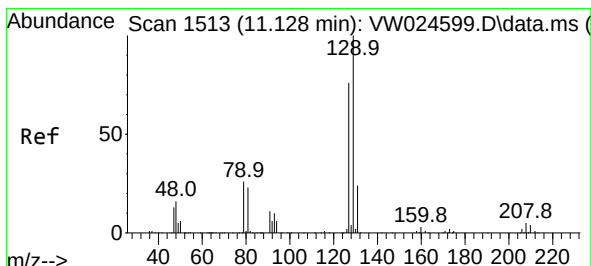
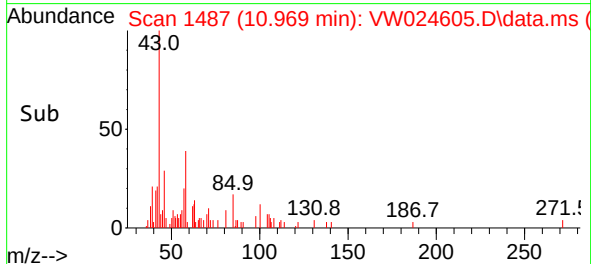
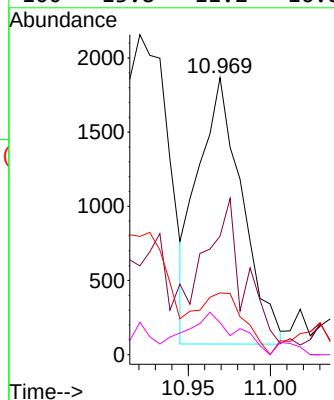
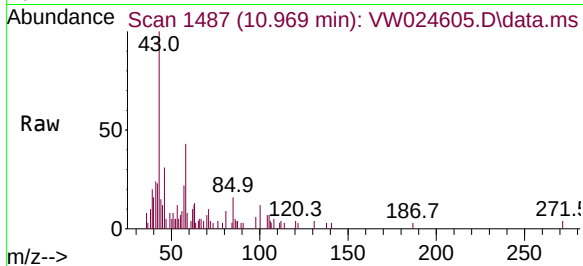




#48
2-Hexanone
Concen: 2.602 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

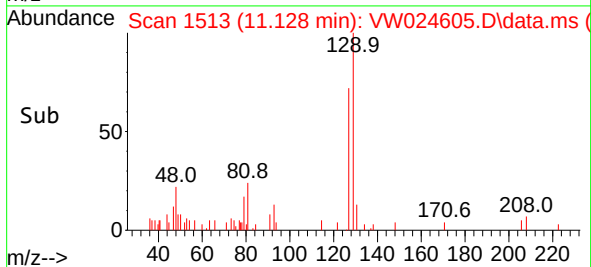
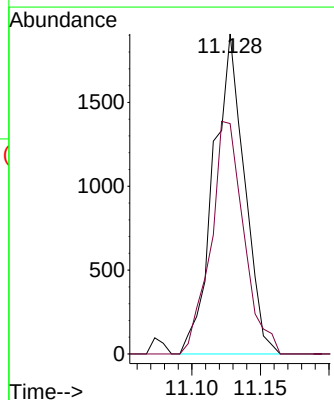
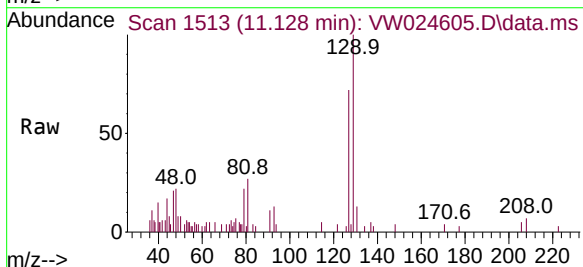
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

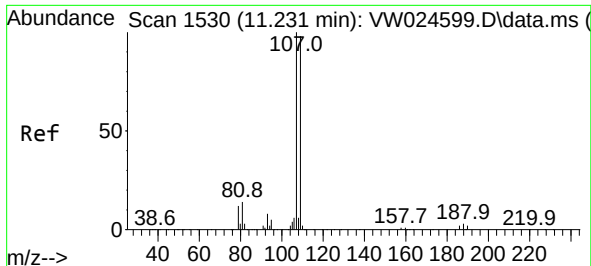
Tgt Ion: 43	Resp: 3366
Ion Ratio	Lower Upper
43 100	
58 37.5	43.7 65.5#
57 25.5	15.3 22.9#
100 13.8	11.2 16.8



#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

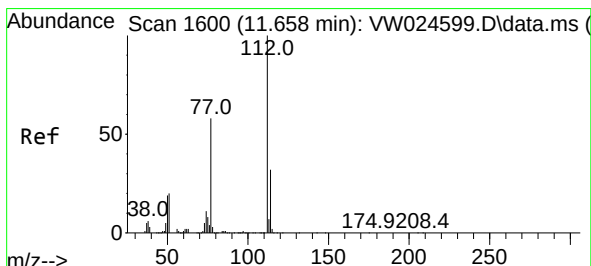
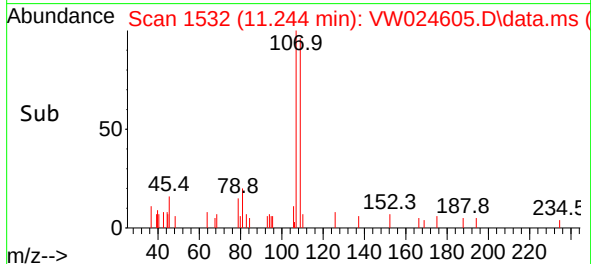
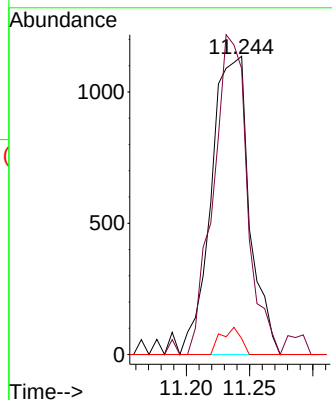
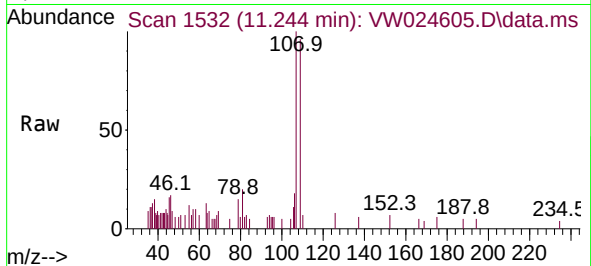




#50
1,2-Dibromoethane
Concen: 1.028 ug/L
RT: 11.244 min Scan# 1532
Delta R.T. 0.012 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

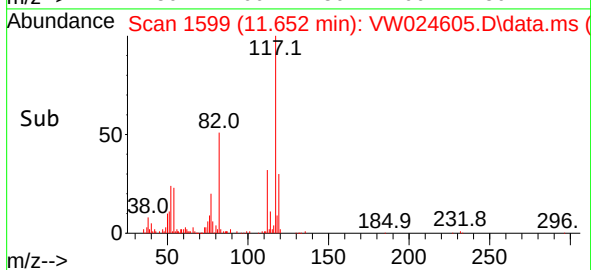
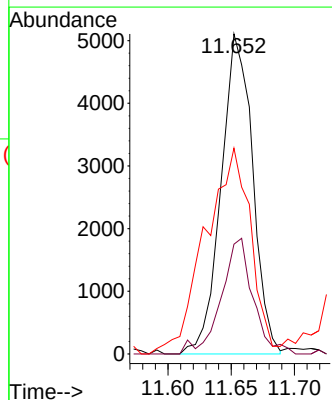
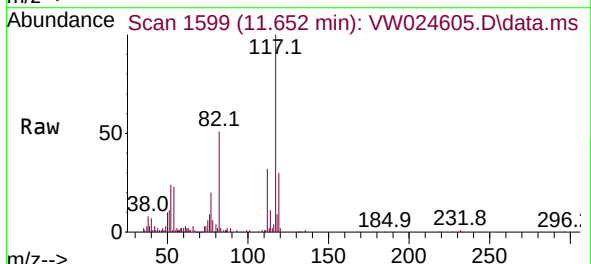
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

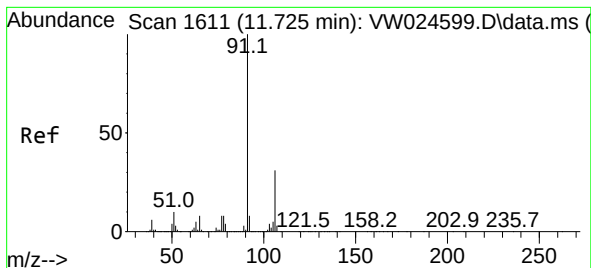
Tgt Ion:107 Resp: 2385
Ion Ratio Lower Upper
107 100
109 95.9 64.5 119.9
188 5.4 3.0 4.4#



#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#

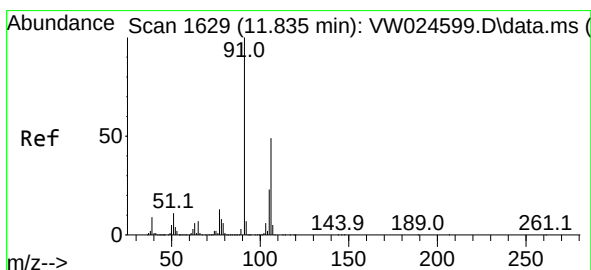
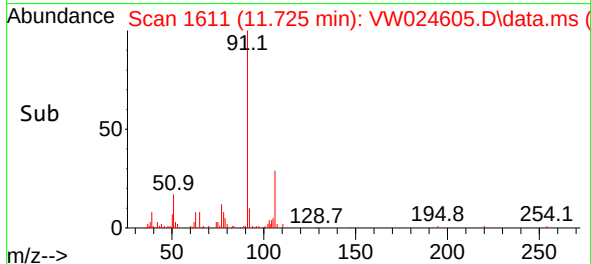
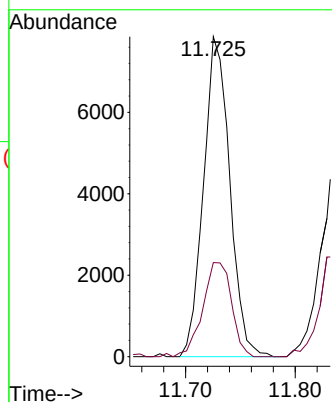
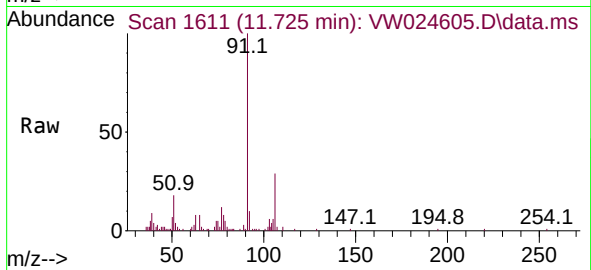




#52
Ethylbenzene
Concen: 0.912 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

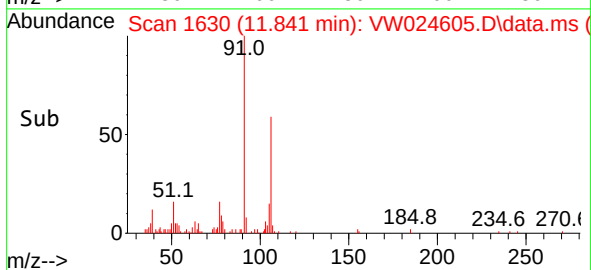
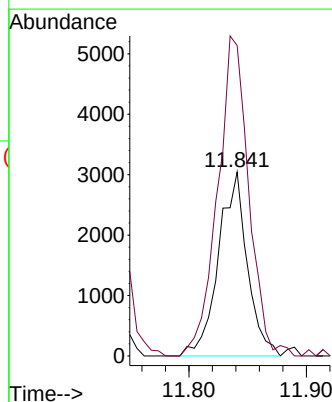
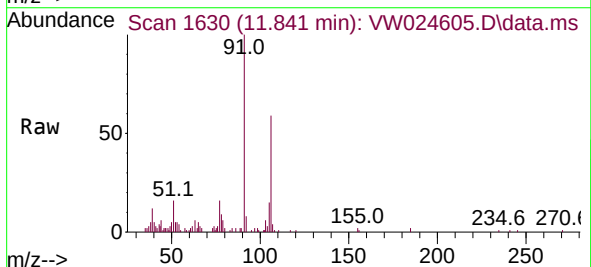
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

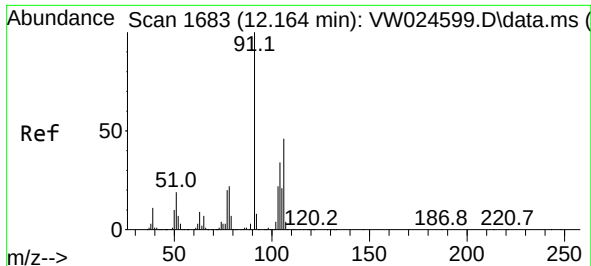
Tgt Ion: 91 Resp: 13071
Ion Ratio Lower Upper
91 100
106 29.4 23.8 44.2



#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

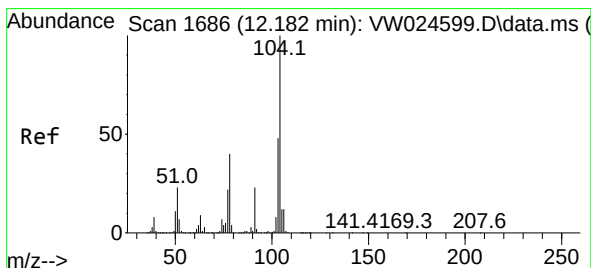
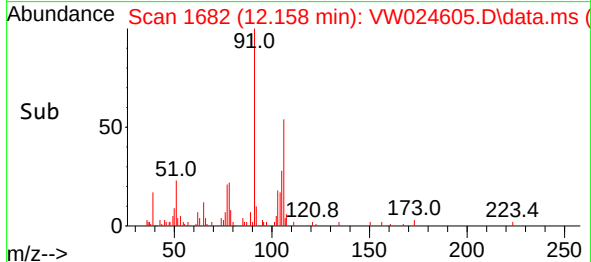
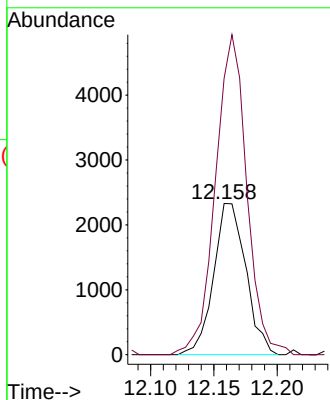
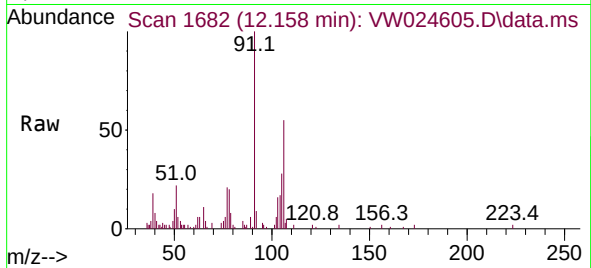




#54
o-Xylene
Concen: 0.776 ug/L
RT: 12.158 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

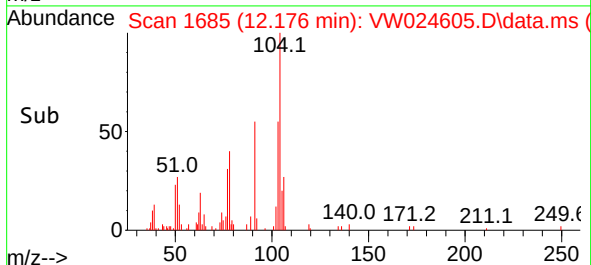
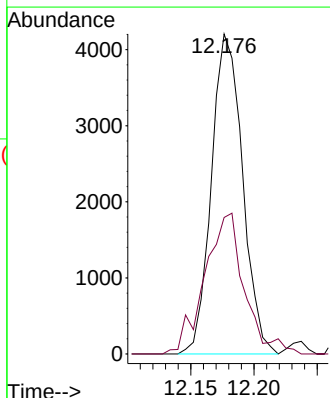
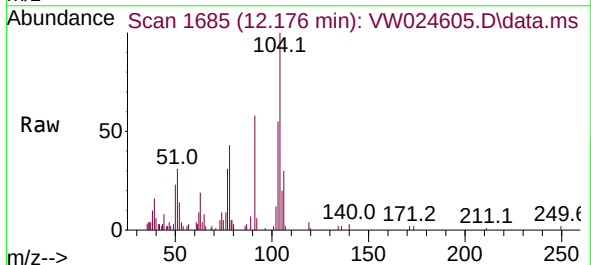
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

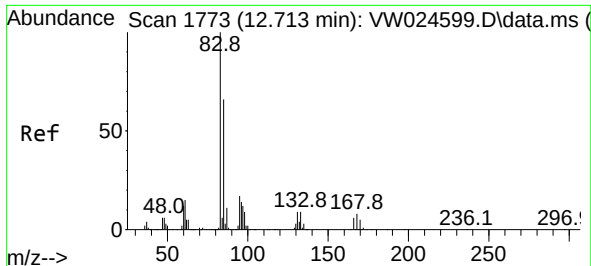
Tgt Ion:106 Resp: 4134
Ion Ratio Lower Upper
106 100
91 182.8 148.7 276.3



#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

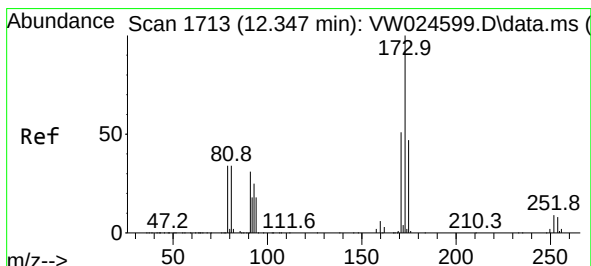
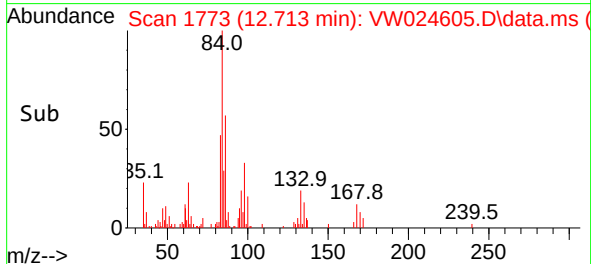
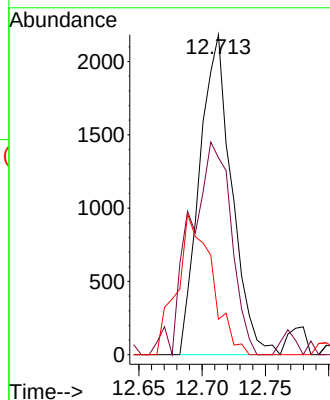
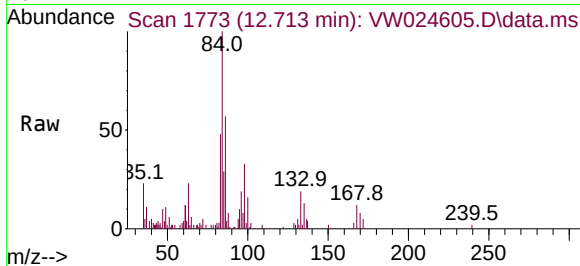
Instrument :

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

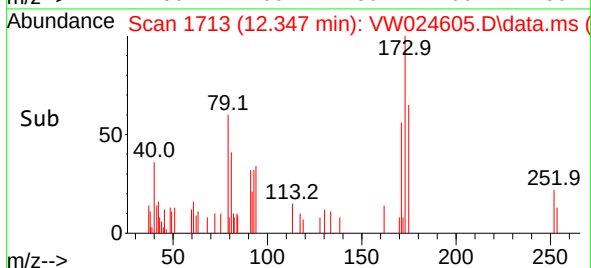
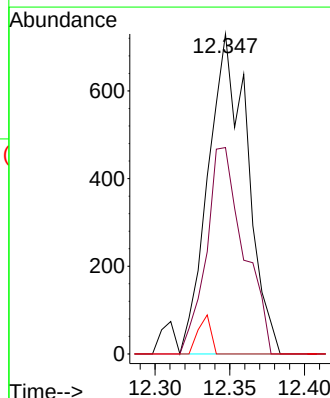
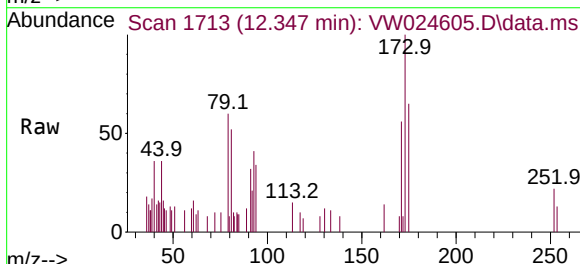
RT: 12.347 min Scan# 1713

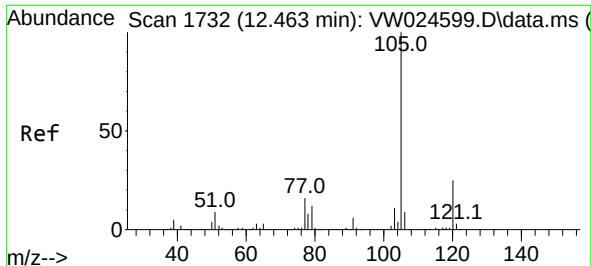
Delta R.T. 0.000 min

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

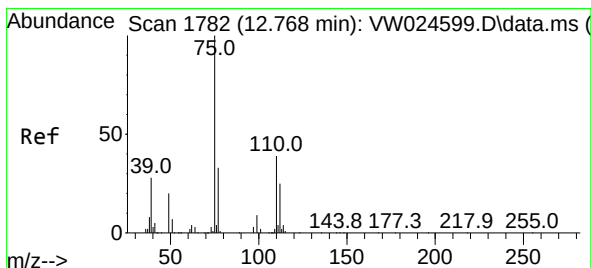
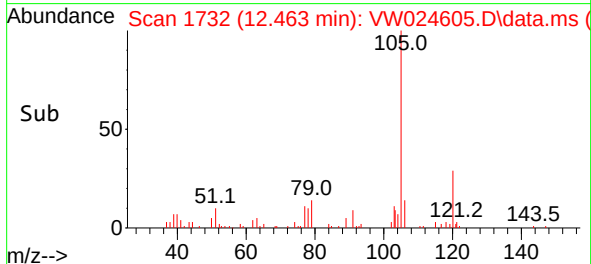
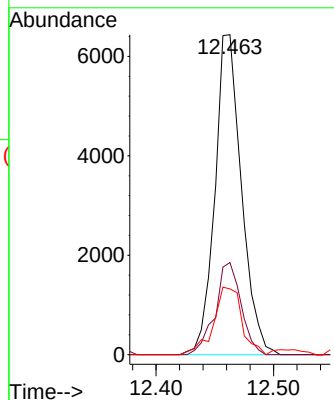
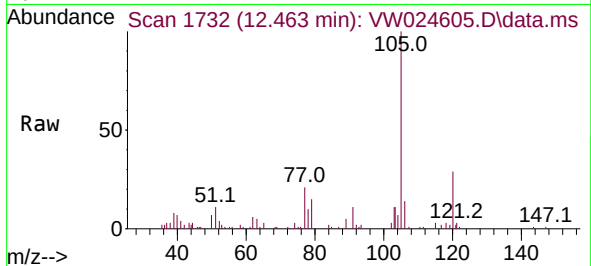




#60
Isopropylbenzene
Concen: 0.826 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

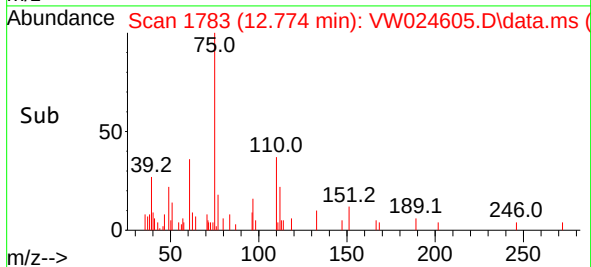
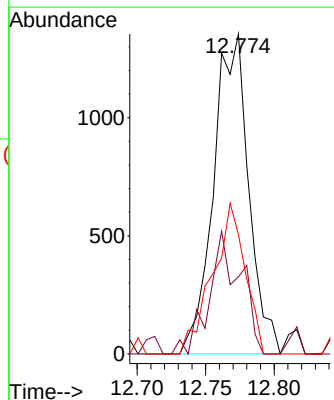
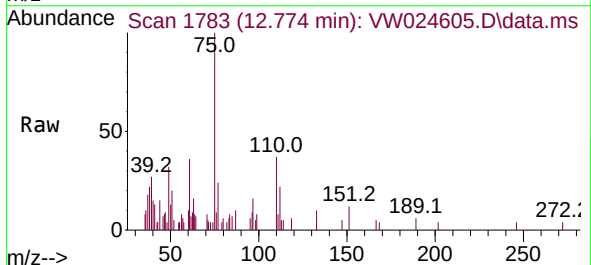
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

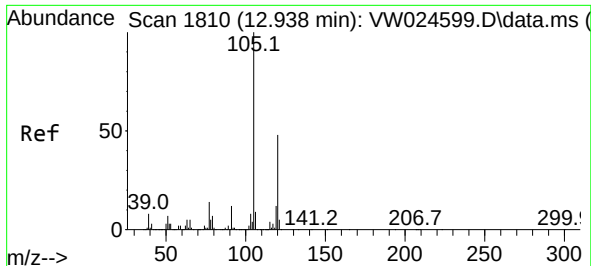
Tgt Ion:105 Resp: 10146
Ion Ratio Lower Upper
105 100
120 28.0 20.9 31.3
77 22.4 12.6 19.0#



#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

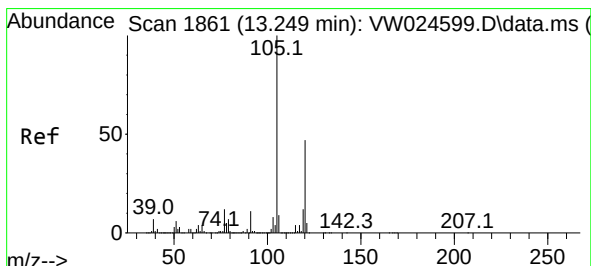
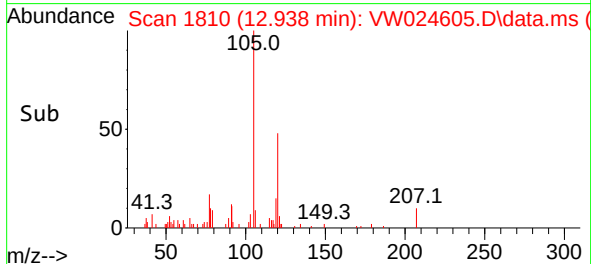
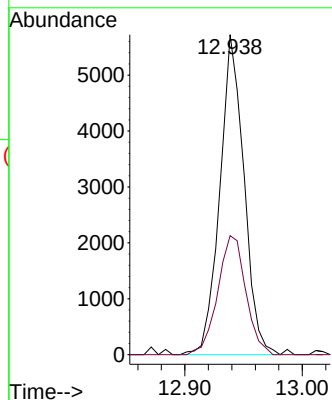
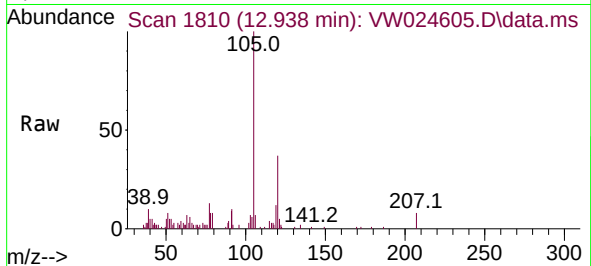




#62
 1,3,5-Trimethylbenzene
 Concen: 0.800 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW024605.D
 Acq: 12 Sep 2022 14:15

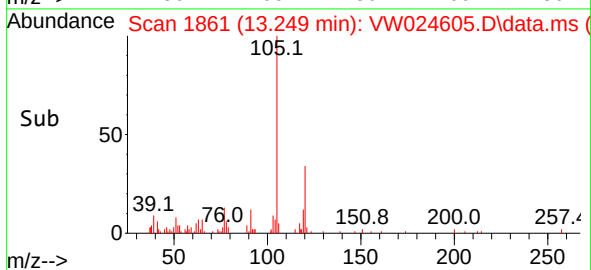
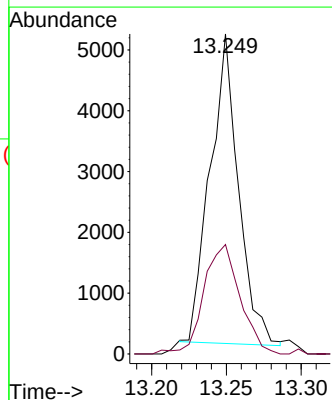
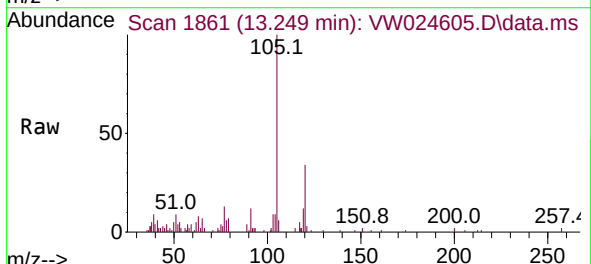
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL 1. PPB

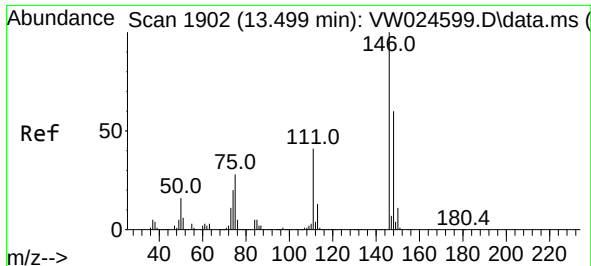
Tgt Ion:105 Resp: 8164
 Ion Ratio Lower Upper
 105 100
 120 43.3 39.5 59.3



#63
 1,2,4-Trimethylbenzene
 Concen: 0.661 ug/L
 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: 6716
 Ion Ratio Lower Upper
 105 100
 120 44.5 36.7 55.1

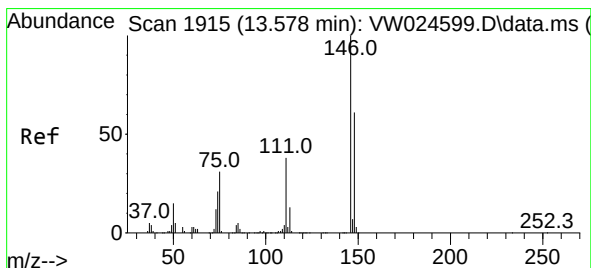
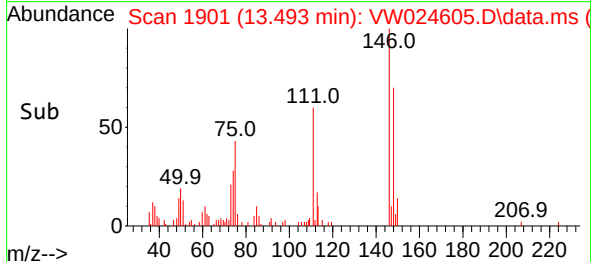
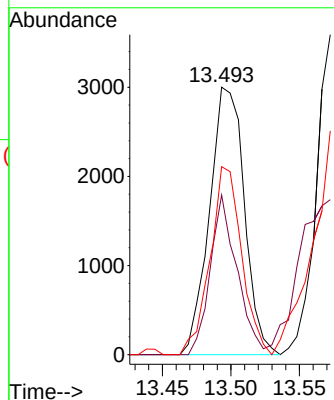
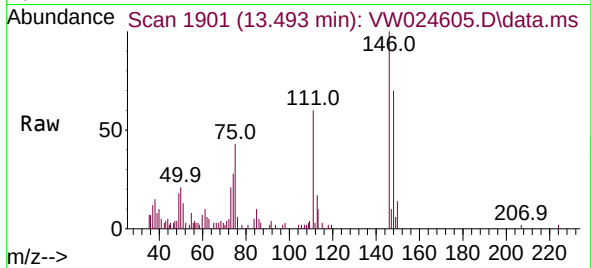




#64
1,3-Dichlorobenzene
Concen: 0.959 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

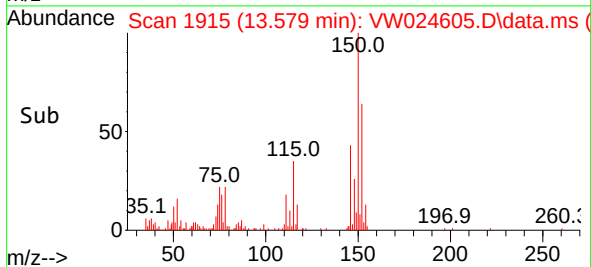
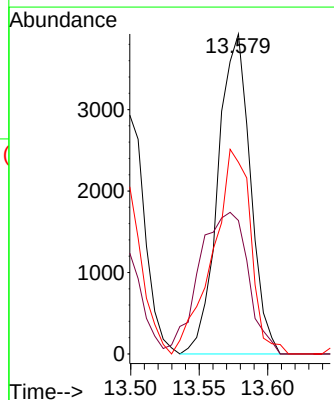
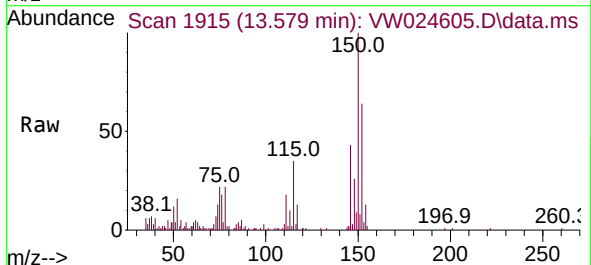
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

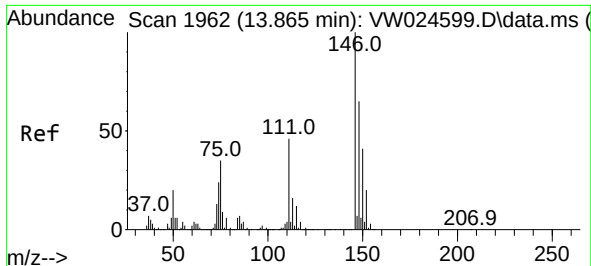
Tgt Ion:146 Resp: 5308
Ion Ratio Lower Upper
146 100
111 59.7 28.3 52.5#
148 70.3 42.2 78.4



#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# 1963

Delta R.T. 0.006 min

Lab File: VW024605.D

Acq: 12 Sep 2022 14:15

Instrument :

MSVOA_W

ClientSampleId :

MDL 1. PPB

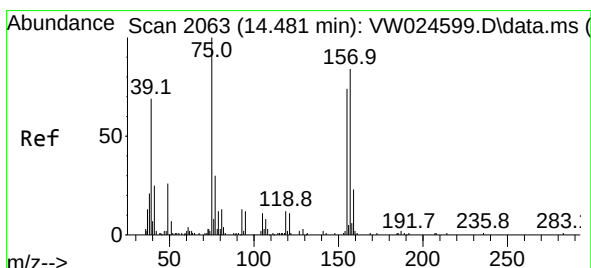
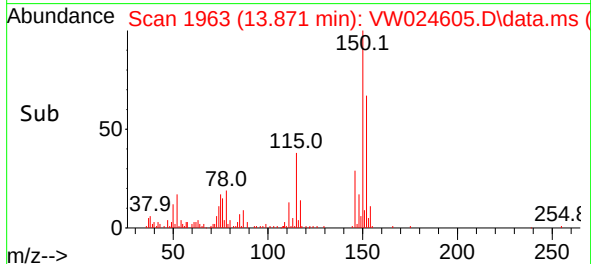
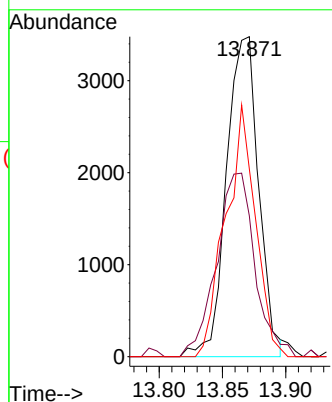
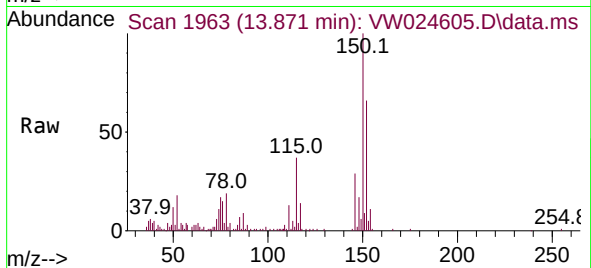
Tgt Ion:146 Resp: 6163

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: 2.361 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.147 min

Lab File: VW024605.D

Acq: 12 Sep 2022 14:15

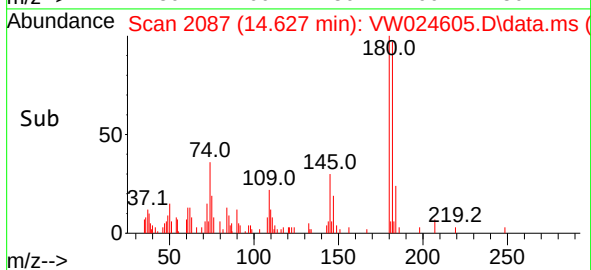
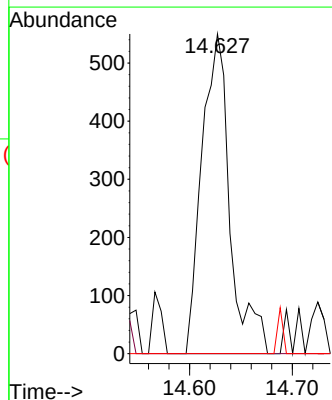
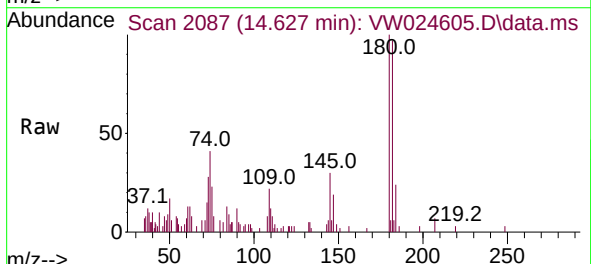
Tgt Ion: 75 Resp: 1049

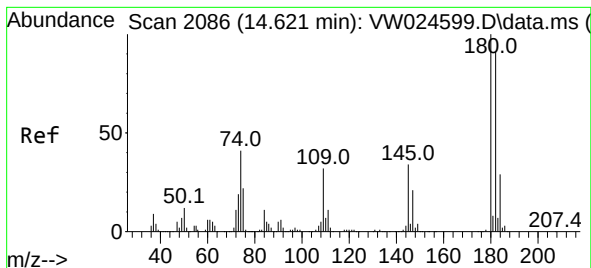
Ion Ratio Lower Upper

75 100

155 0.0 66.3 99.5#

157 0.0 77.6 116.4#

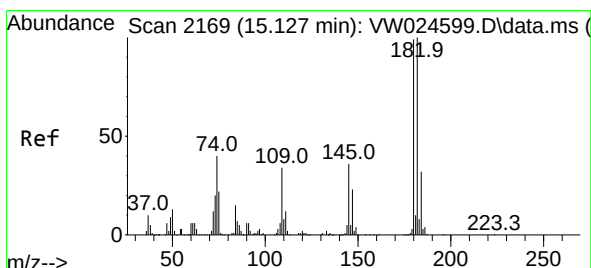
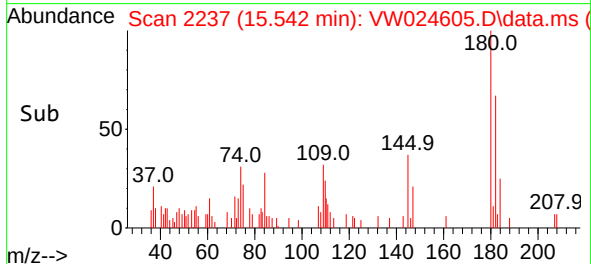
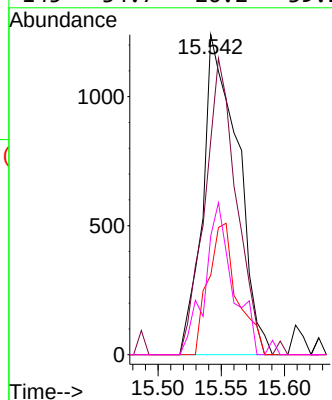
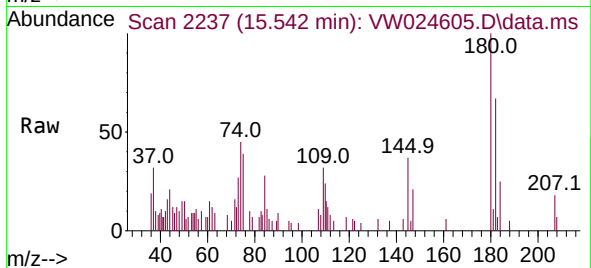




#69
1,3,5-Trichlorobenzene
Concen: 0.662 ug/L
RT: 15.542 min Scan# 2170
Delta R.T. 0.921 min
Lab File: VW024605.D
Acq: 12 Sep 2022 14:15

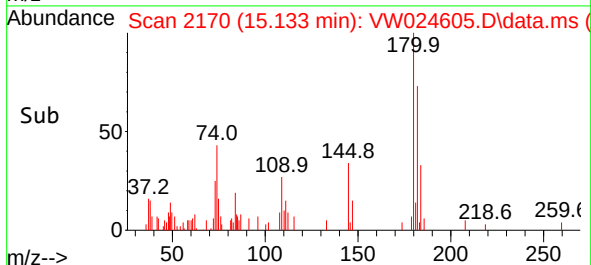
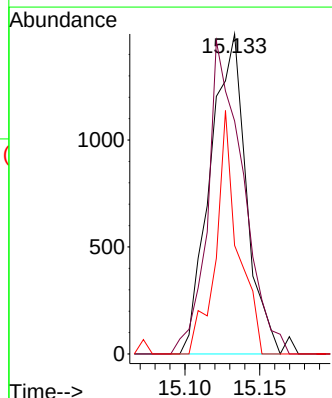
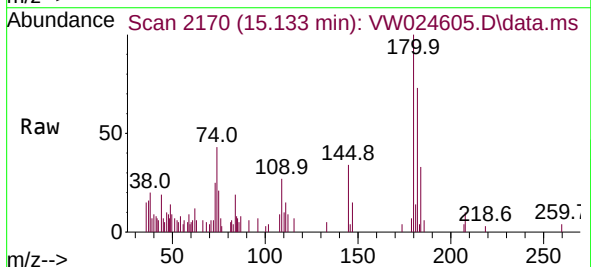
Instrument :
MSVOA_W
ClientSampleId :
MDL 1. PPB

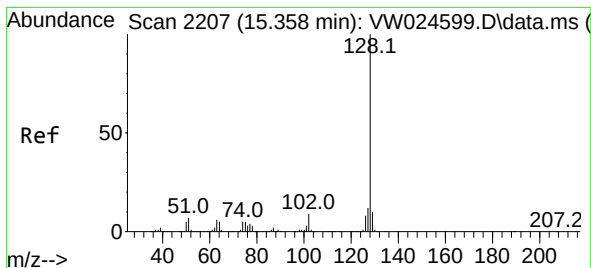
Tgt Ion:180	Resp:	2382
Ion Ratio	Lower	Upper
180	100	
182	83.7	72.4 108.6
184	34.1	22.8 34.2
145	34.7	26.2 39.2



#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

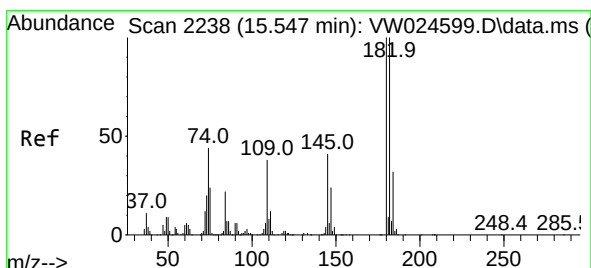
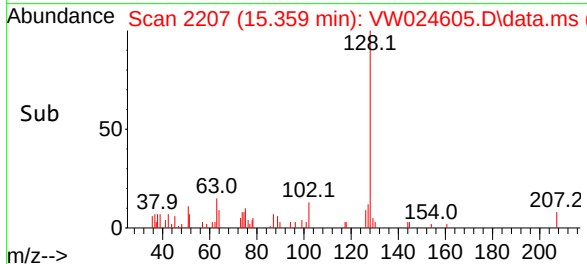
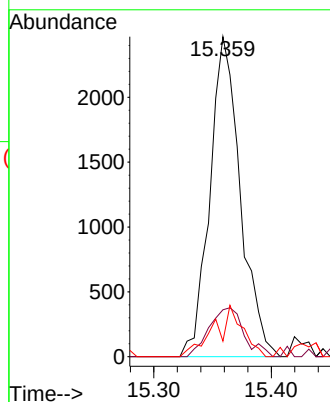
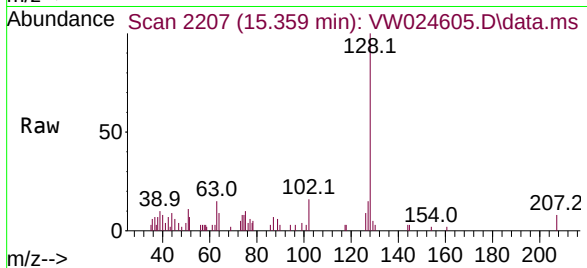
Instrument :

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

