

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024359.D
 Acq On : 26 Aug 2022 19:05
 Operator : SY/VA
 Sample : N4344-15MSD
 Misc : 5.16g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 27 00:43:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 27 00:35:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	191792	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	208743	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	138615	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	174706	33.045	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 132.200%	
7) Chloroethane-d5	2.873	69	119260	30.107	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 120.440%	
11) 1,1-Dichloroethene-d2	4.007	63	108564	23.677	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 94.720%	
21) 2-Butanone-d5	7.080	46	58933	60.519	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 121.040%	
24) Chloroform-d	7.647	84	156730	25.419	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 101.680%	
26) 1,2-Dichloroethane-d4	8.305	65	103394	27.651	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 110.600%	
32) Benzene-d6	8.275	84	288880	24.154	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 96.600%	
36) 1,2-Dichloropropane-d6	9.274	67	93630	25.173	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 100.680%	
41) Toluene-d8	10.323	98	283236	24.908	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 99.640%	
43) trans-1,3-Dichloroprop...	10.579	79	45559	26.174	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 104.680%	
47) 2-Hexanone-d5	10.927	63	54479	65.452	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 130.900%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	135723	32.229	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 128.920%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	135818	26.019	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 104.080%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	52870	27.523	ug/L	100
3) Chloromethane	2.209	50	94581	26.353	ug/L	100
5) Vinyl chloride	2.349	62	191331	30.496	ug/L	98
6) Bromomethane	2.763	94	117292	26.634	ug/L	98
8) Chloroethane	2.910	64	90357	27.570	ug/L	96
9) Trichlorofluoromethane	3.245	101	55055	18.661	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	63926	22.590	ug/L	97
13) Acetone	4.123	43	29564	50.873	ug/L	95
14) Carbon disulfide	4.373	76	174132	22.871	ug/L	97
15) Methyl Acetate	4.672	43	35726	25.130	ug/L	94
16) Methylene chloride	4.909	84	72335	22.488	ug/L	93
17) trans-1,2-Dichloroethene	5.415	96	61141	22.548	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	114824	25.861	ug/L	96
19) 1,1-Dichloroethane	6.208	63	116211	22.664	ug/L	98
22) 2-Butanone	7.177	43	55840	53.857	ug/L	100
23) Bromochloromethane	7.507	128	33735	23.169	ug/L	91
25) Chloroform	7.671	83	131709	23.151	ug/L	95
27) 1,2-Dichloroethane	8.397	62	104324	25.192	ug/L	98
29) Cyclohexane	7.952	56	95239	21.163	ug/L	99

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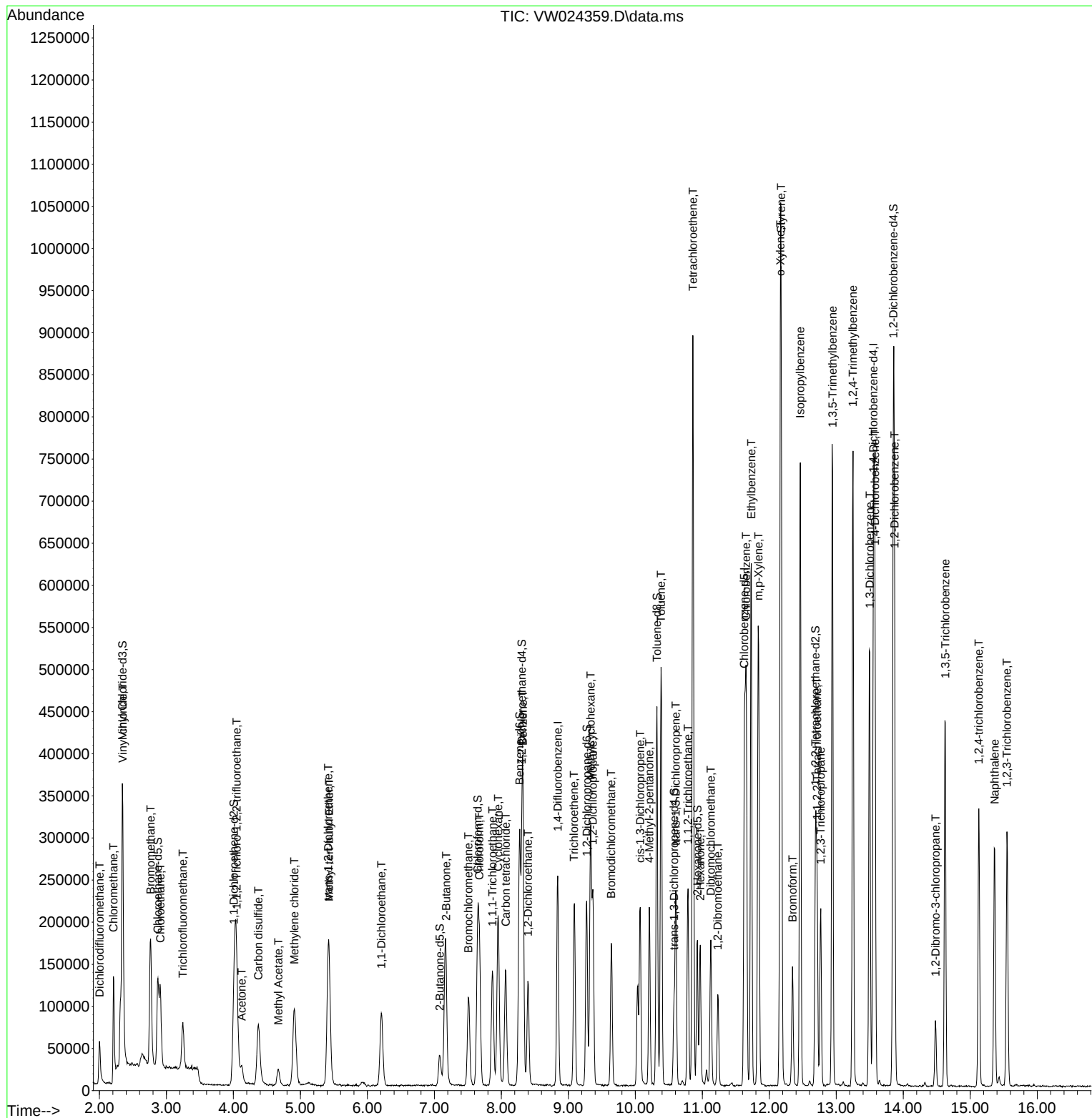
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	7.866	97	101695	20.664	ug/L	99
31) Carbon tetrachloride	8.067	117	91295	20.277	ug/L	100
33) Benzene	8.323	78	288606	22.207	ug/L	100
34) Trichloroethene	9.086	95	68676	20.049	ug/L	94
35) Methylcyclohexane	9.335	83	114179	20.776	ug/L	99
37) 1,2-Dichloropropane	9.366	63	74424	22.190	ug/L	99
38) Bromodichloromethane	9.640	83	102783	22.503	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	110540	23.577	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	129323	54.224	ug/L	98
42) Toluene	10.384	91	342241	23.862	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	111866	24.555	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	66518	24.321	ug/L	96
46) Tetrachloroethene	10.860	164	164666	61.898	ug/L	93
48) 2-Hexanone	10.969	43	104463	59.382	ug/L	98
49) Dibromochloromethane	11.128	129	77255	23.882	ug/L	97
50) 1,2-Dibromoethane	11.231	107	63963	24.325	ug/L	100
51) Chlorobenzene	11.652	112	233050	24.209	ug/L	98
52) Ethylbenzene	11.731	91	406453	25.632	ug/L	99
53) m,p-Xylene	11.841	106	163655	26.280	ug/L	95
54) o-Xylene	12.164	106	160822	27.625	ug/L	95
55) Styrene	12.176	104	308054	29.936	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	103106	27.008	ug/L	95
59) Bromoform	12.347	173	52401	23.556	ug/L	98
60) Isopropylbenzene	12.463	105	439605	23.878	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	76373	24.364	ug/L	96
62) 1,3,5-Trimethylbenzene	12.945	105	360857	24.308	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	368052	25.525	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	196881	22.367	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	208239	22.408	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	200219	24.265	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	17592	22.338	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	120496	21.209	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	87467	19.804	ug/L	92
71) Naphthalene	15.365	128	222646	22.954	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	85048	20.375	ug/L	97

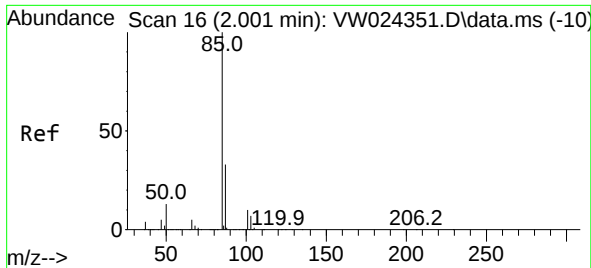
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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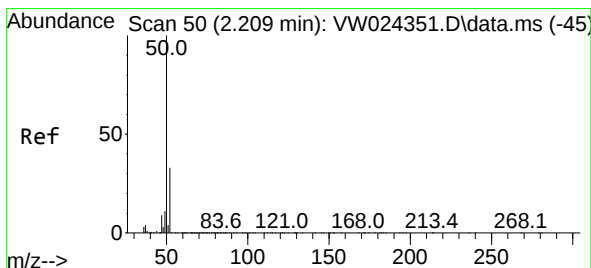
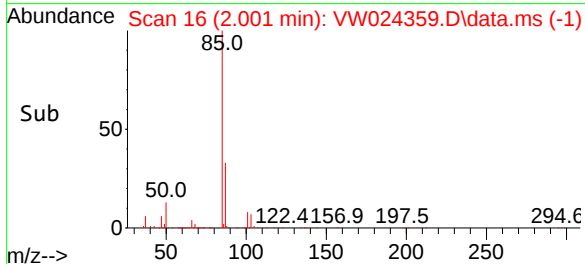
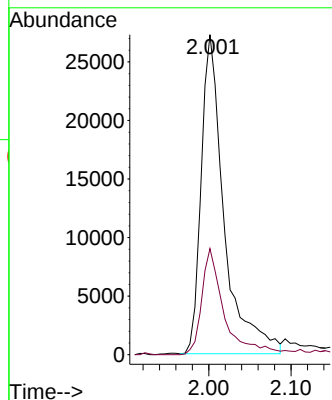
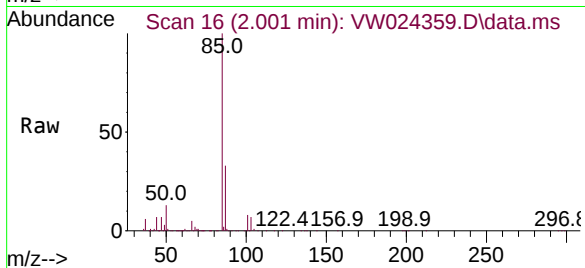




#2
Dichlorodifluoromethane
Concen: 27.523 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05

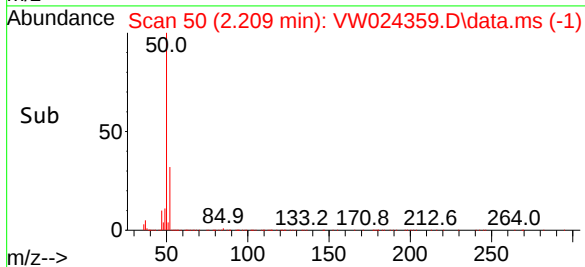
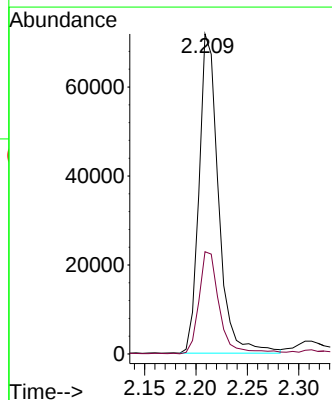
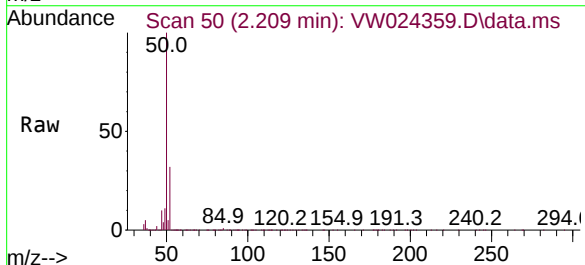
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MSVOA_W
ClientSampleId :

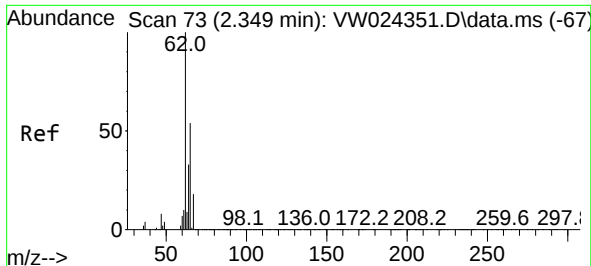
Tgt Ion: 85 Resp: 52870
Ion Ratio Lower Upper
85 100
87 30.8 24.7 37.1



#3
Chloromethane
Concen: 26.353 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.000 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05

Tgt Ion: 50 Resp: 94581
Ion Ratio Lower Upper
50 100
52 31.9 22.3 41.5

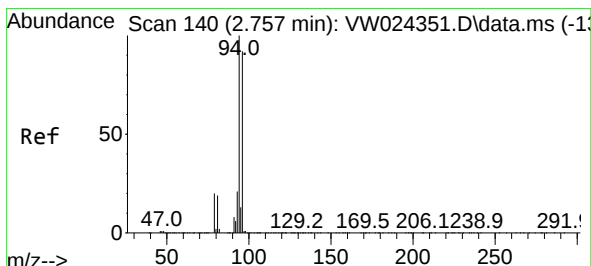
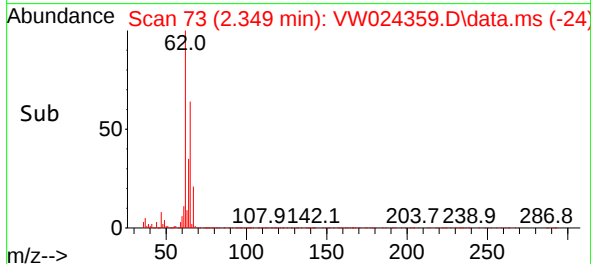
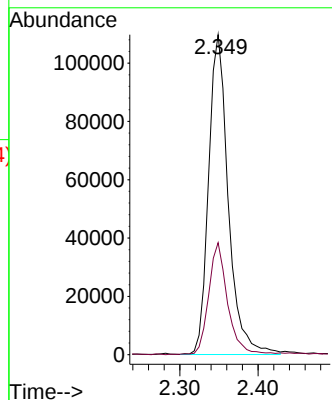
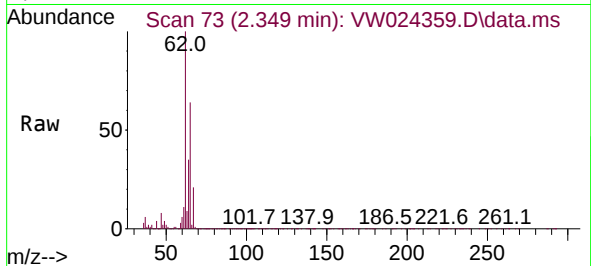




#5
 Vinyl chloride
 Concen: 30.496 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW024359.D
 Acq: 26 Aug 2022 19:05

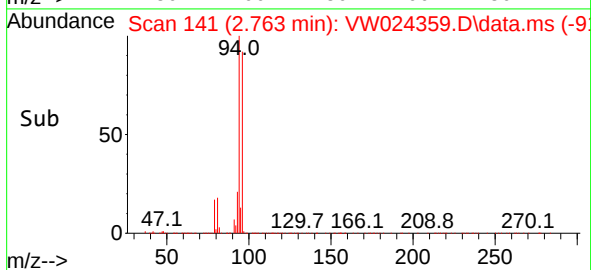
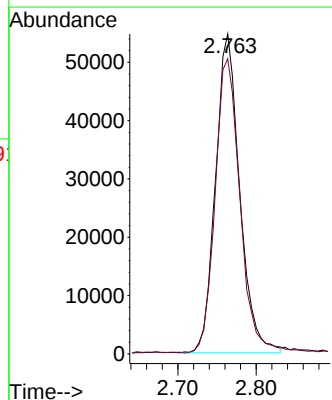
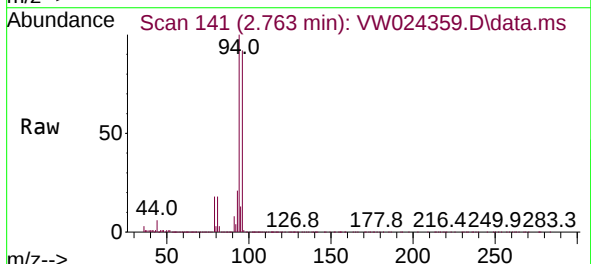
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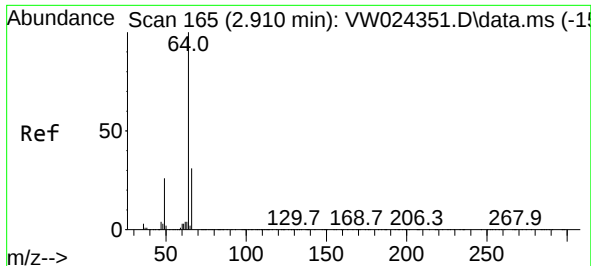
Tgt Ion: 62 Resp: 191331
 Ion Ratio Lower Upper
 62 100
 64 35.0 23.6 43.8



#6
 Bromomethane
 Concen: 26.634 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. 0.006 min
 Lab File: VW024359.D
 Acq: 26 Aug 2022 19:05

Tgt Ion: 94 Resp: 117292
 Ion Ratio Lower Upper
 94 100
 96 92.2 63.6 118.0

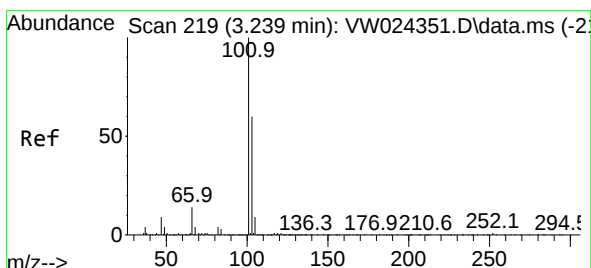
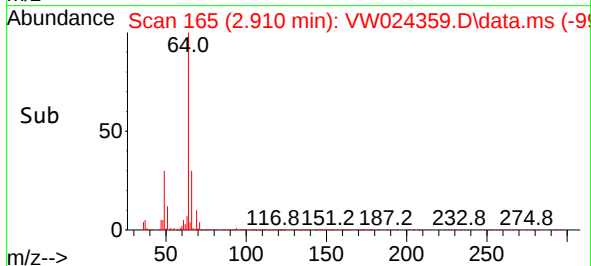
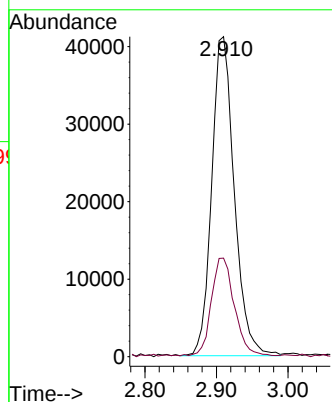
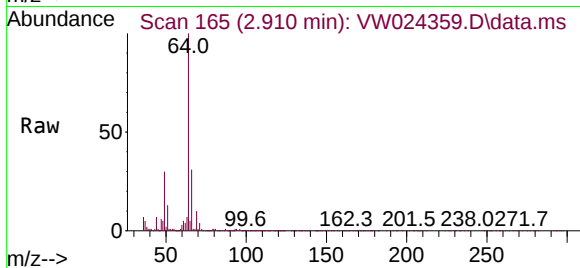




#8
Chloroethane
Concen: 27.570 ug/L
RT: 2.910 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05

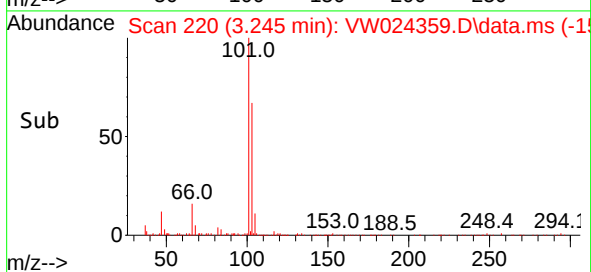
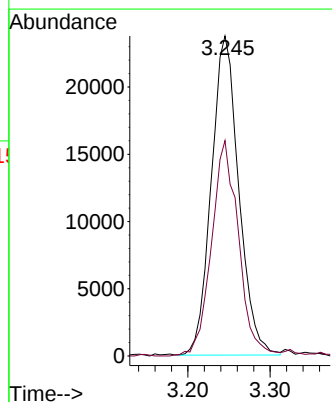
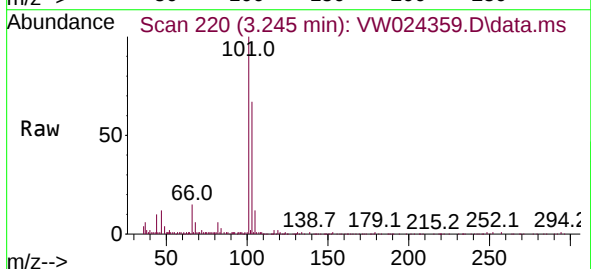
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ClientSampleId :

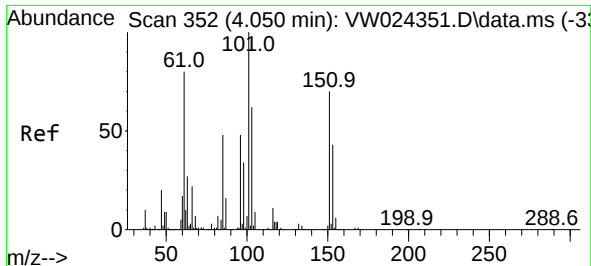
Tgt Ion: 64 Resp: 90357
Ion Ratio Lower Upper
64 100
66 30.8 23.0 42.6



#9
Trichlorofluoromethane
Concen: 18.661 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.006 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05

Tgt Ion: 101 Resp: 55055
Ion Ratio Lower Upper
101 100
103 66.3 50.4 75.6

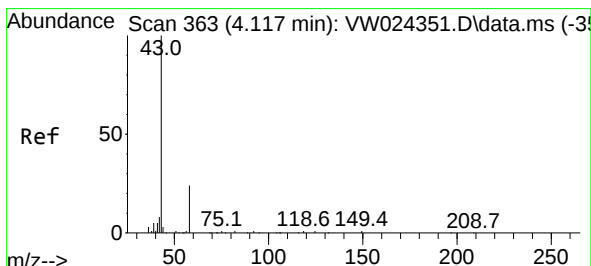
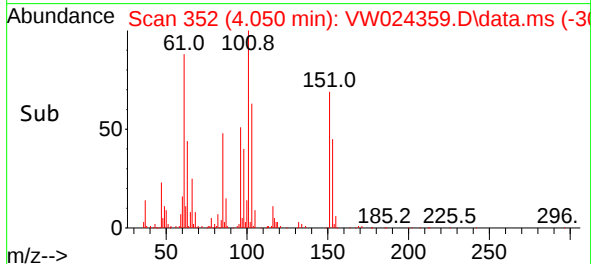
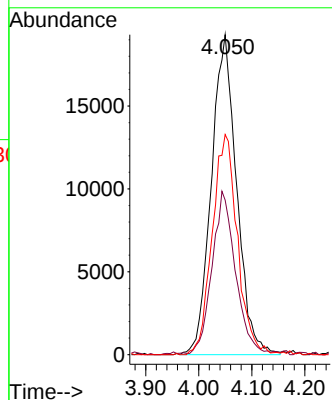
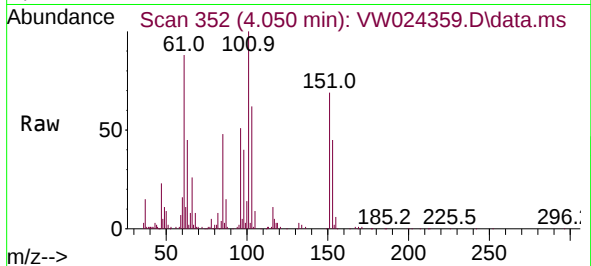




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.590 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. -0.000 min
 Lab File: VW024359.D
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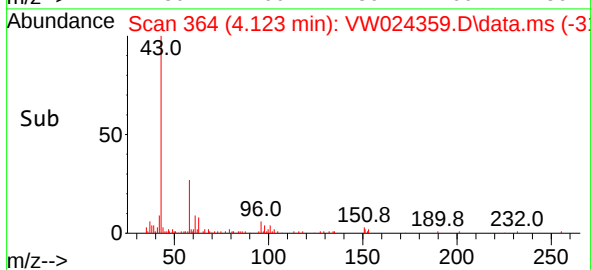
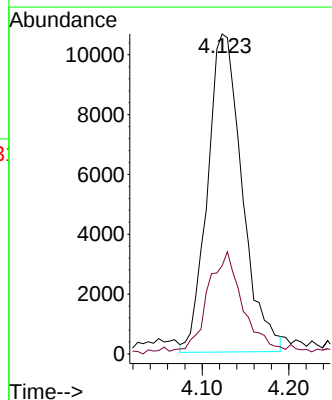
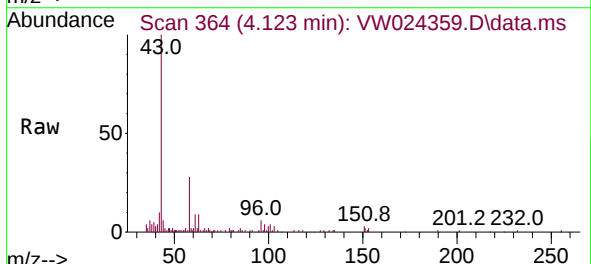
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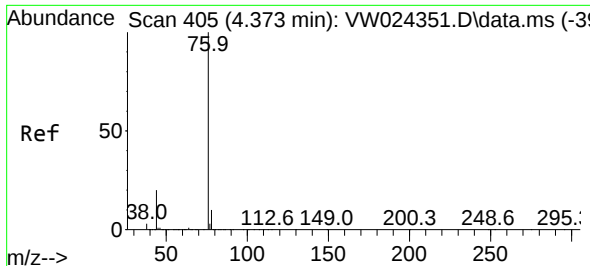
Tgt Ion:101 Resp: 63926
 Ion Ratio Lower Upper
 101 100
 85 47.5 39.1 58.7
 151 67.7 56.8 85.2



#13
 Acetone
 Concen: 50.873 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. 0.006 min
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Tgt Ion: 43 Resp: 29564
 Ion Ratio Lower Upper
 43 100
 58 32.1 0.0 58.4

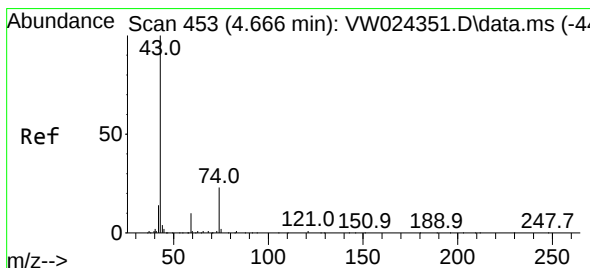
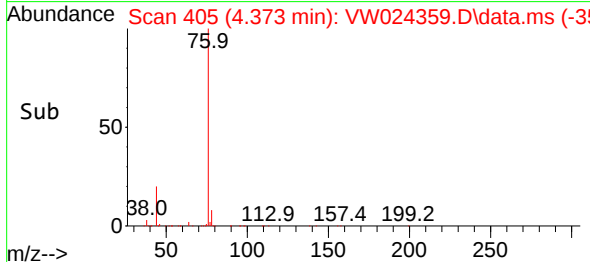
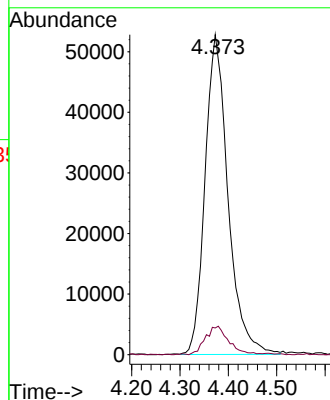
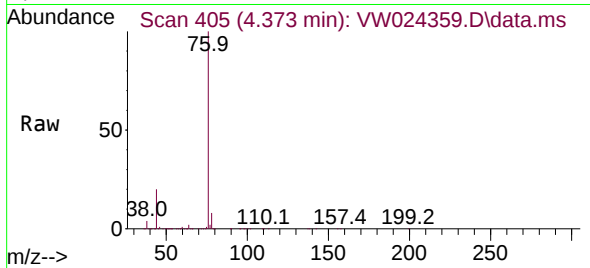




#14
Carbon disulfide
Concen: 22.871 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.000 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05

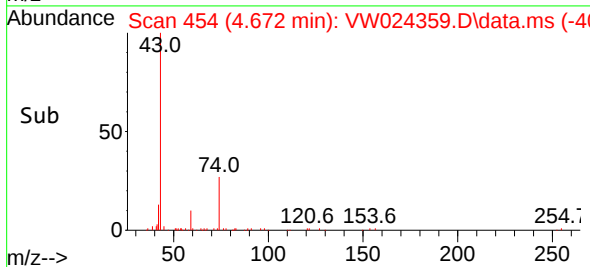
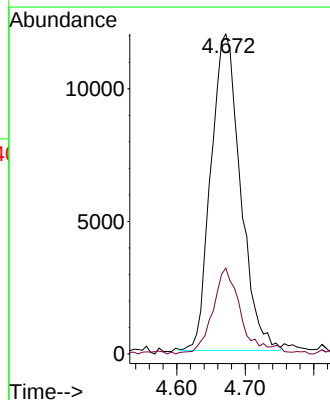
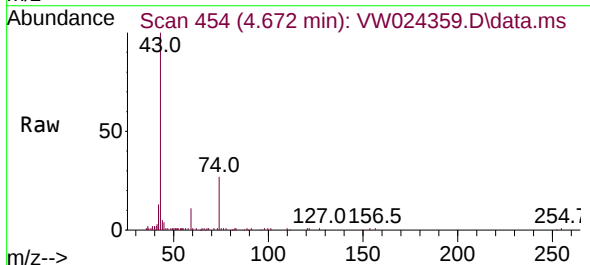
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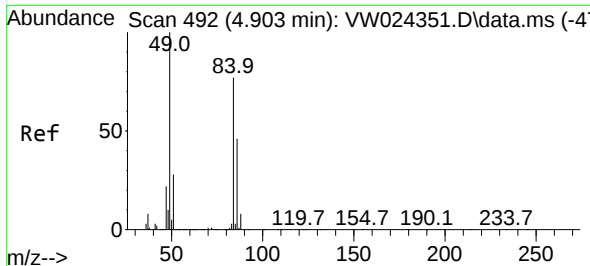
Tgt Ion: 76 Resp: 174132
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2



#15
Methyl Acetate
Concen: 25.130 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
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Tgt Ion: 43 Resp: 35726
Ion Ratio Lower Upper
43 100
74 25.0 17.9 26.9

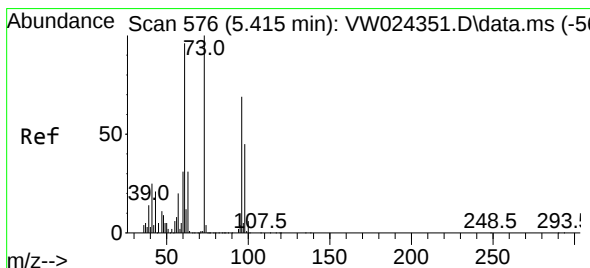
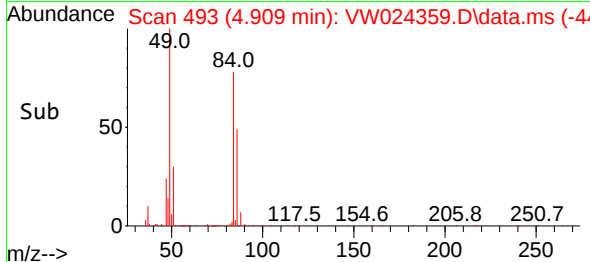
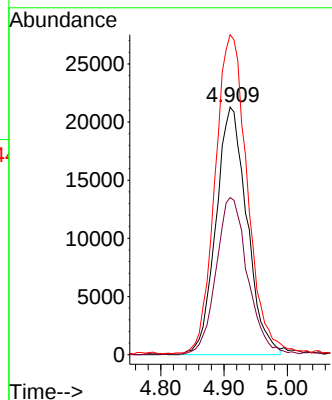
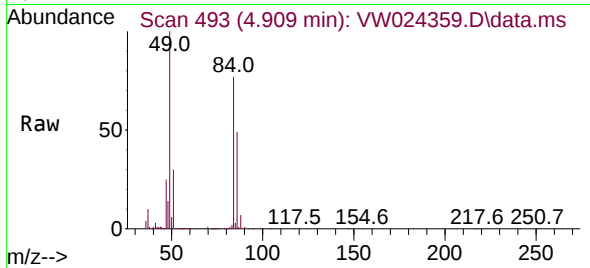




#16
Methylene chloride
Concen: 22.488 ug/L
RT: 4.909 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05

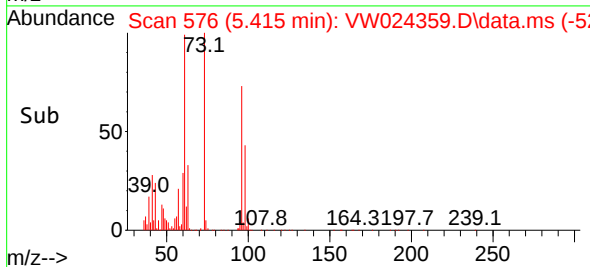
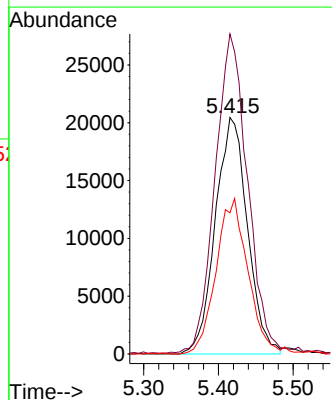
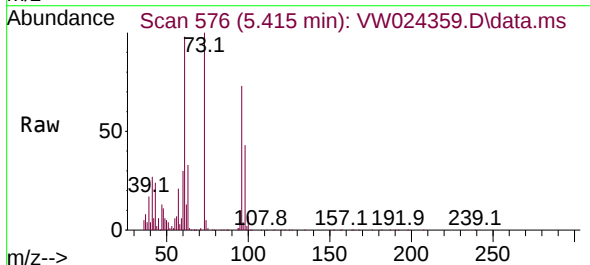
Instrument :
MSVOA_W
ClientSampleId :

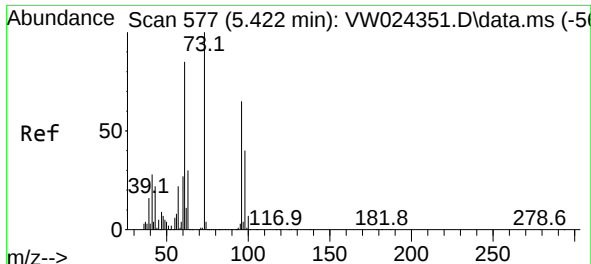
Tgt Ion: 84 Resp: 72335
Ion Ratio Lower Upper
84 100
86 63.5 47.7 88.7
49 129.3 96.6 179.4



#17
trans-1,2-Dichloroethene
Concen: 22.548 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.000 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05

Tgt Ion: 96 Resp: 61141
Ion Ratio Lower Upper
96 100
61 135.3 92.1 171.1
98 59.7 44.7 83.1

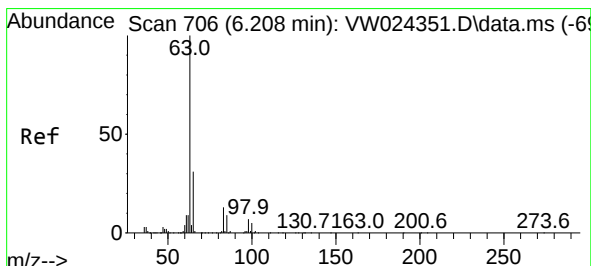
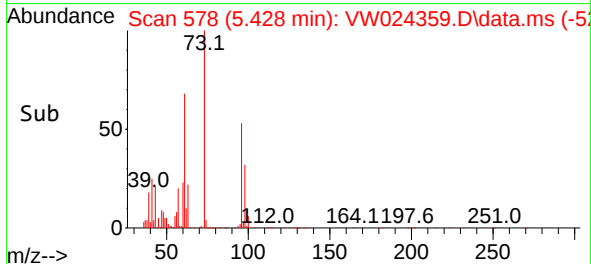
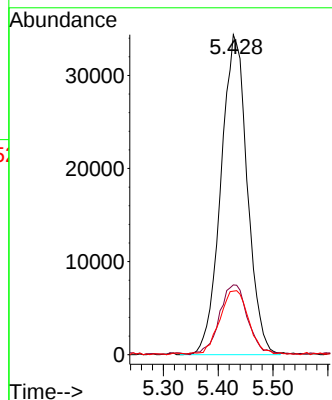
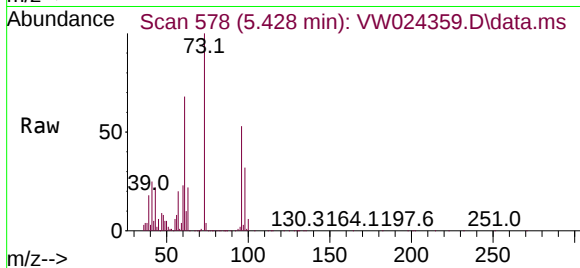




#18
Methyl tert-butyl Ether
Concen: 25.861 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05

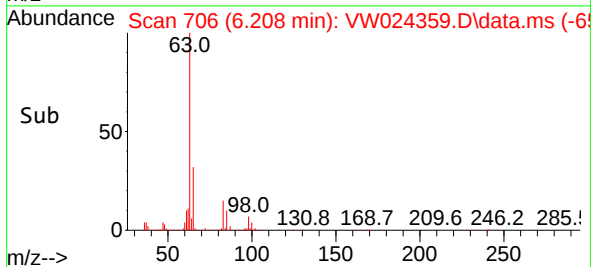
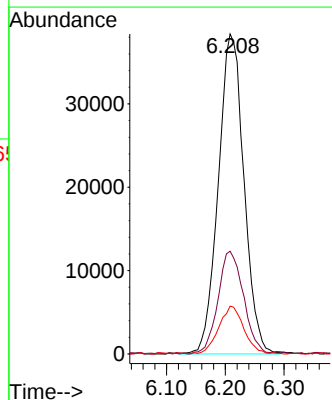
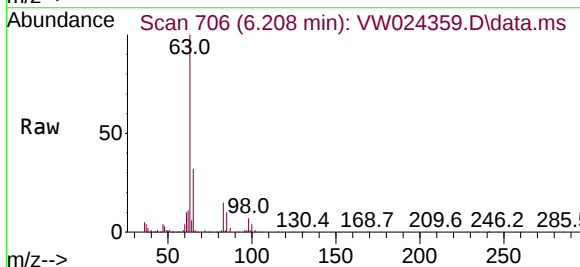
Instrument :
MSVOA_W
ClientSampleId :

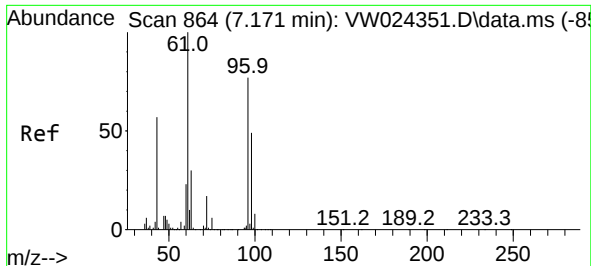
Tgt Ion: 73 Resp: 114824
Ion Ratio Lower Upper
73 100
43 21.0 18.8 28.2
57 21.6 18.1 27.1



#19
1,1-Dichloroethane
Concen: 22.664 ug/L
RT: 6.208 min Scan# 706
Delta R.T. -0.000 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05

Tgt Ion: 63 Resp: 116211
Ion Ratio Lower Upper
63 100
65 32.1 23.6 43.8
83 14.9 10.4 19.4

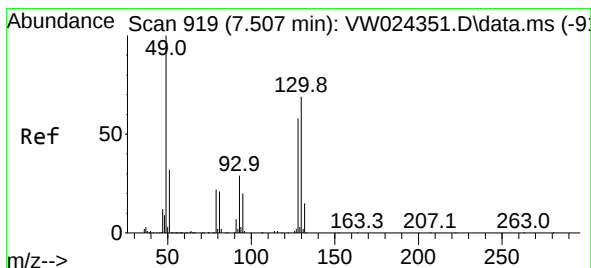
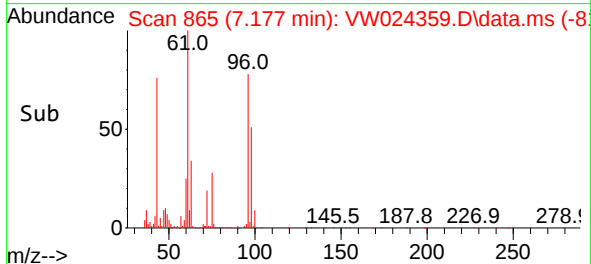
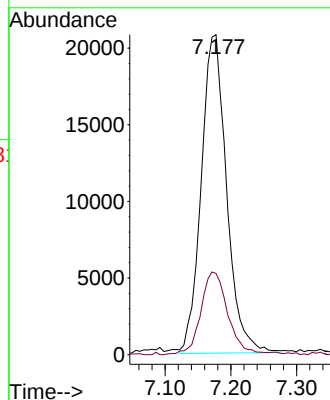
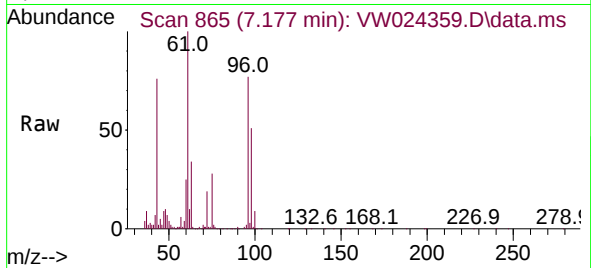




#22
2-Butanone
Concen: 53.857 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05

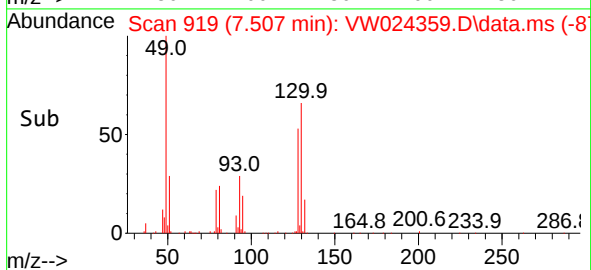
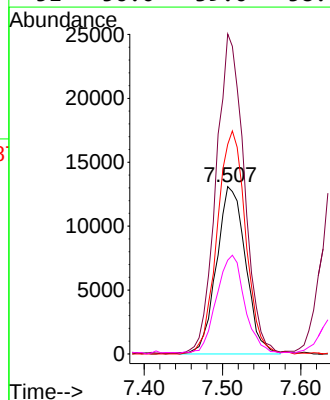
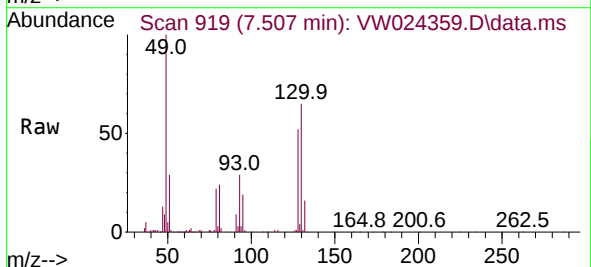
Instrument :
MSVOA_W
ClientSampleId :

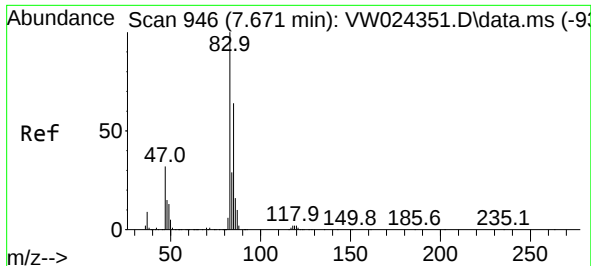
Tgt Ion: 43 Resp: 55840
Ion Ratio Lower Upper
43 100
72 27.6 13.9 41.6



#23
Bromochloromethane
Concen: 23.169 ug/L
RT: 7.507 min Scan# 919
Delta R.T. -0.000 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05

Tgt Ion: 128 Resp: 33735
Ion Ratio Lower Upper
128 100
49 191.2 122.1 226.7
130 125.2 91.1 169.1
51 56.0 39.0 58.4

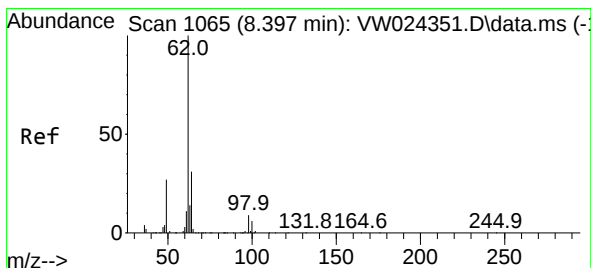
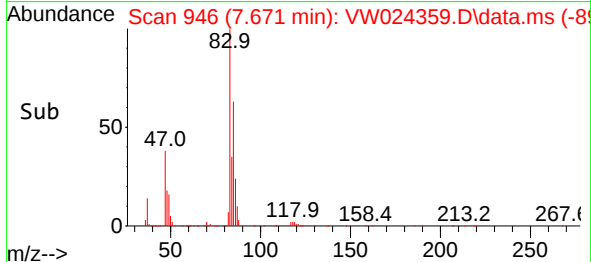
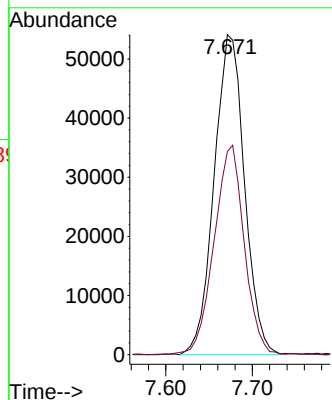
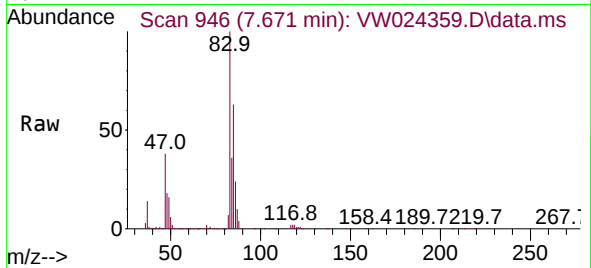




#25
Chloroform
Concen: 23.151 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05

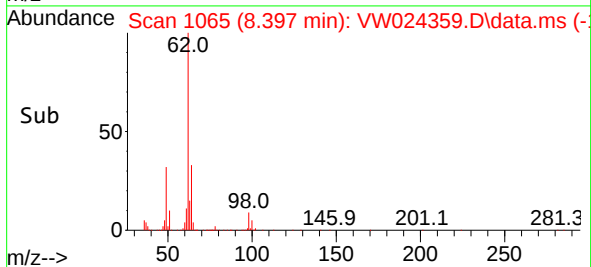
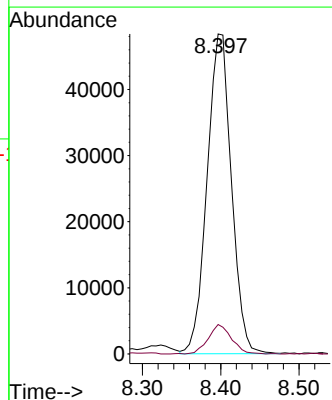
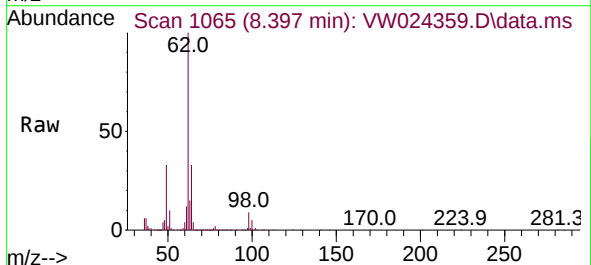
Instrument :
MSVOA_W
ClientSampleId :

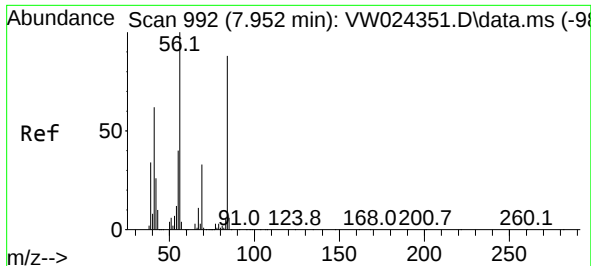
Tgt Ion: 83 Resp: 131709
Ion Ratio Lower Upper
83 100
85 63.5 47.5 88.1



#27
1,2-Dichloroethane
Concen: 25.192 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05

Tgt Ion: 62 Resp: 104324
Ion Ratio Lower Upper
62 100
98 9.2 6.7 10.1





#29

Cyclohexane

Concen: 21.163 ug/L

RT: 7.952 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024359.D

Acq: 26 Aug 2022 19:05

Instrument :

MSVOA_W

ClientSampleId :

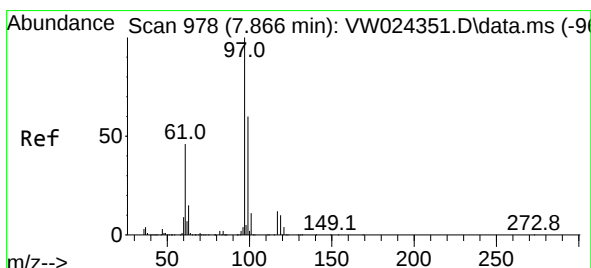
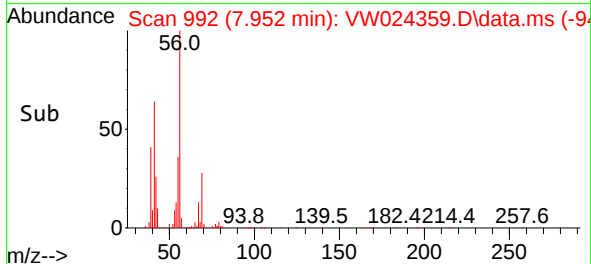
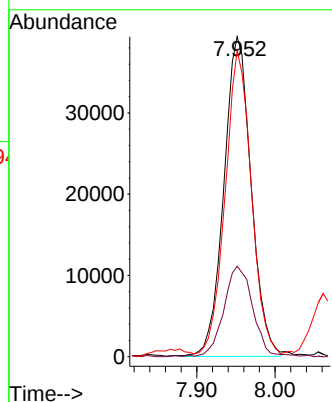
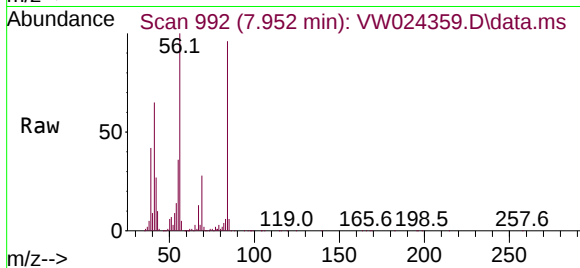
Tgt Ion: 56 Resp: 95239

Ion Ratio Lower Upper

56 100

69 29.4 23.5 35.3

84 91.8 72.2 108.4



#30

1,1,1-Trichloroethane

Concen: 20.664 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.000 min

Lab File: VW024359.D

Acq: 26 Aug 2022 19:05

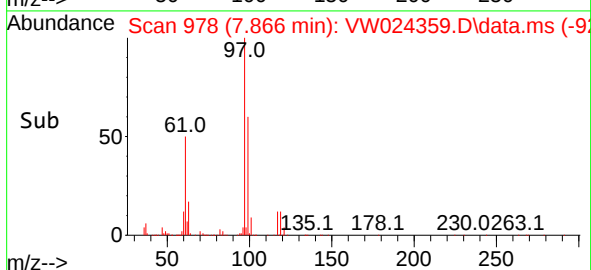
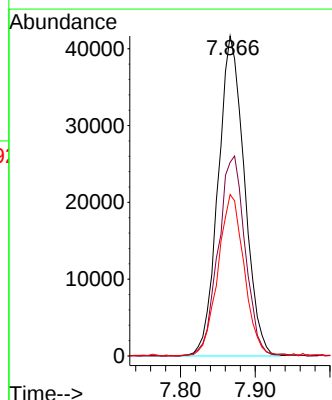
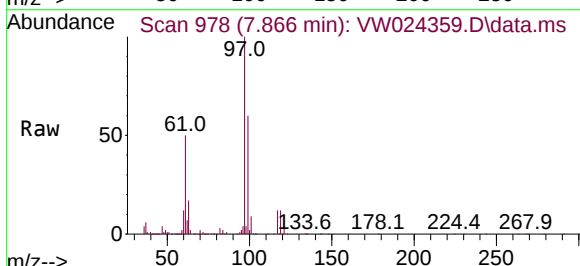
Tgt Ion: 97 Resp: 101695

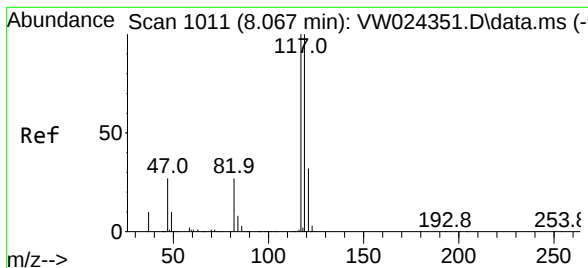
Ion Ratio Lower Upper

97 100

99 63.8 50.2 75.2

61 50.1 40.2 60.4

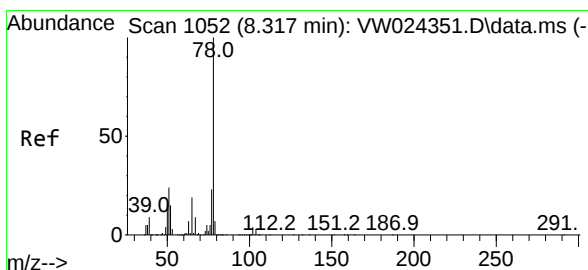
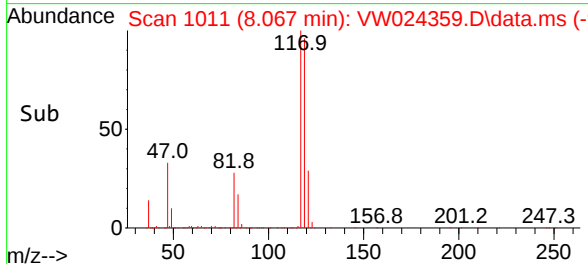
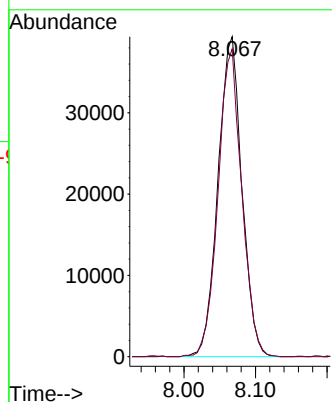
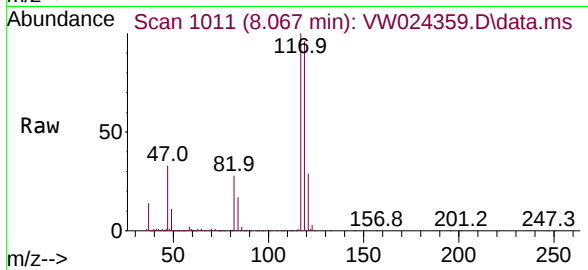




#31
Carbon tetrachloride
Concen: 20.277 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05

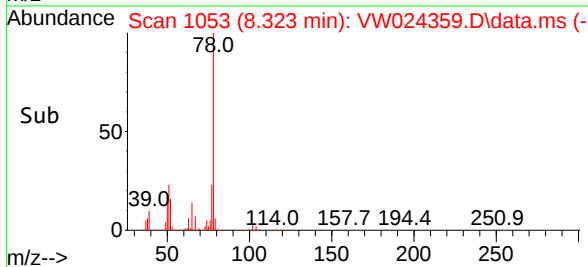
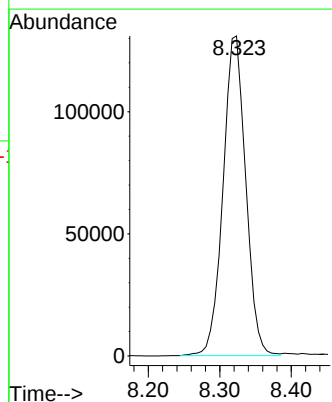
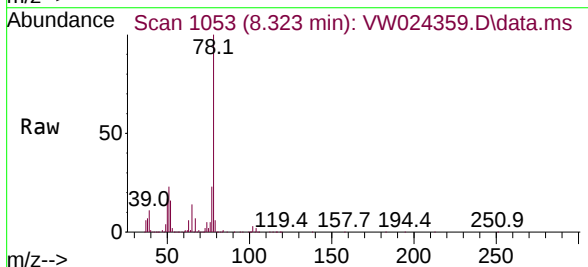
Instrument :
MSVOA_W
ClientSampleId :

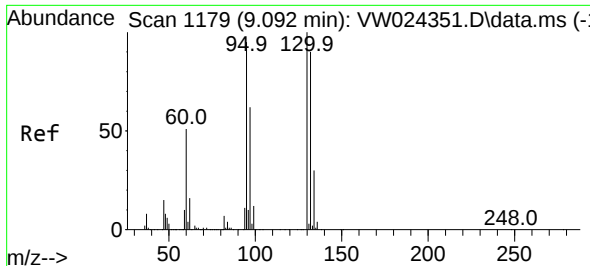
Tgt Ion:117 Resp: 91295
Ion Ratio Lower Upper
117 100
119 95.3 75.9 113.9



#33
Benzene
Concen: 22.207 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05

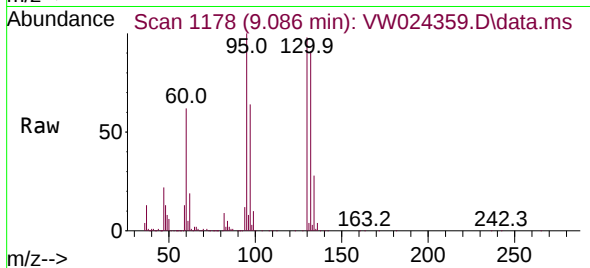
Tgt Ion: 78 Resp: 288606



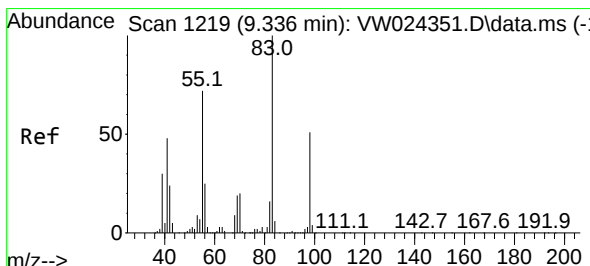
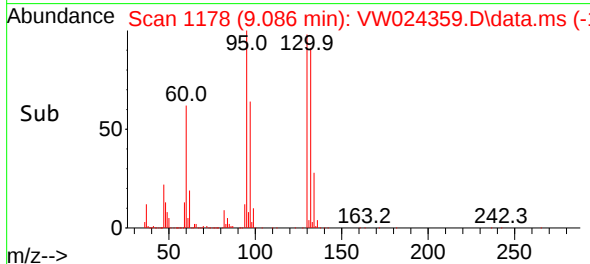
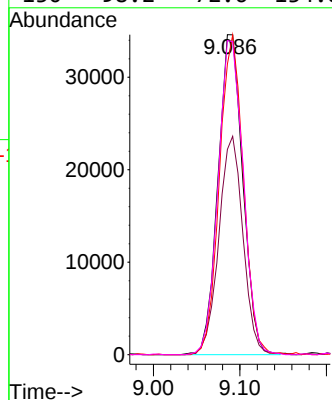


#34
Trichloroethene
Concen: 20.049 ug/L
RT: 9.086 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05

Instrument :
MSVOA_W
ClientSampleId :

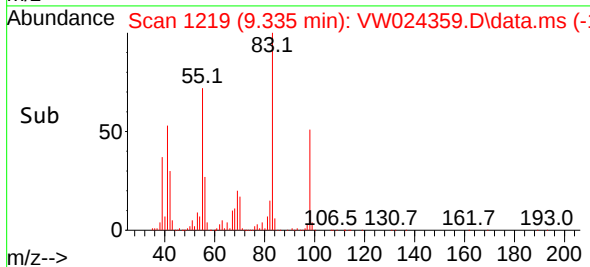
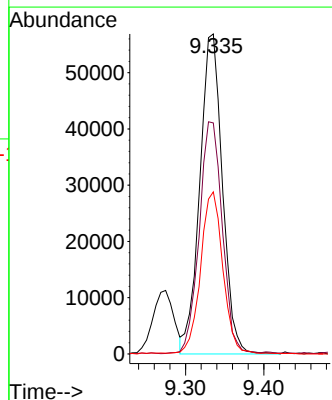
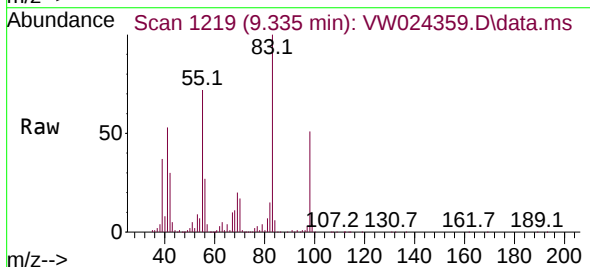


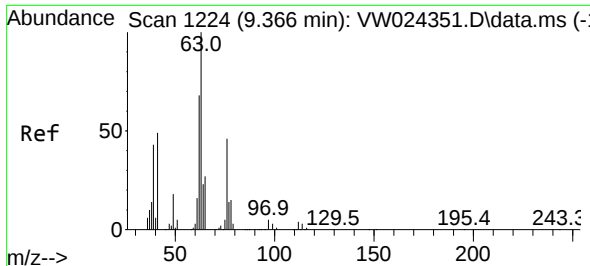
Tgt Ion:	95	Resp:	68676
Ion	Ratio	Lower	Upper
95	100		
97	64.1	48.4	89.8
132	90.8	68.6	127.4
130	98.2	72.6	134.8



#35
Methylcyclohexane
Concen: 20.776 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05

Tgt Ion:	83	Resp:	114179
Ion	Ratio	Lower	Upper
83	100		
55	73.8	60.1	90.1
98	49.9	40.5	60.7





#37

1,2-Dichloropropane

Concen: 22.190 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024359.D

Acq: 26 Aug 2022 19:05

Instrument :

MSVOA_W

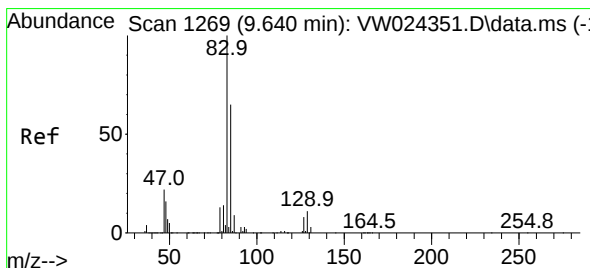
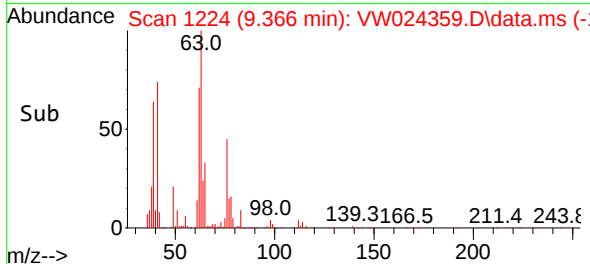
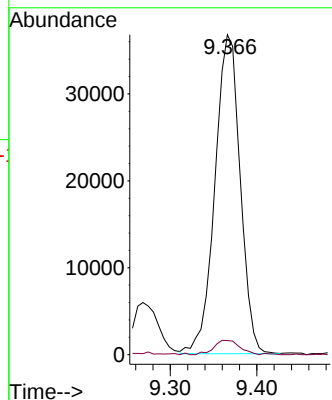
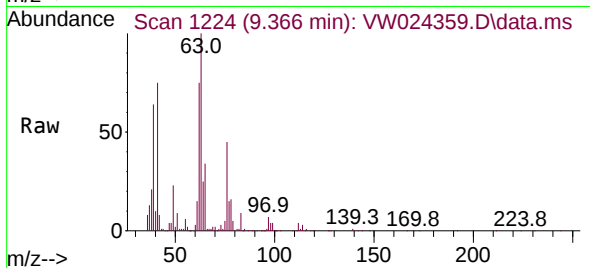
ClientSampleId :

Tgt Ion: 63 Resp: 74424

Ion Ratio Lower Upper

63 100

112 4.6 3.4 5.0



#38

Bromodichloromethane

Concen: 22.503 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VW024359.D

Acq: 26 Aug 2022 19:05

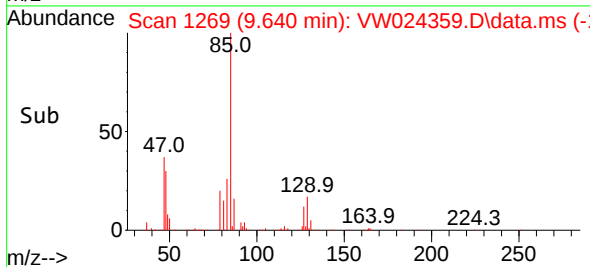
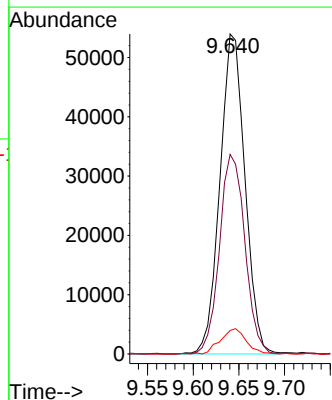
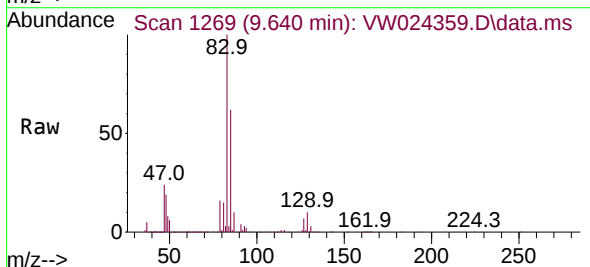
Tgt Ion: 83 Resp: 102783

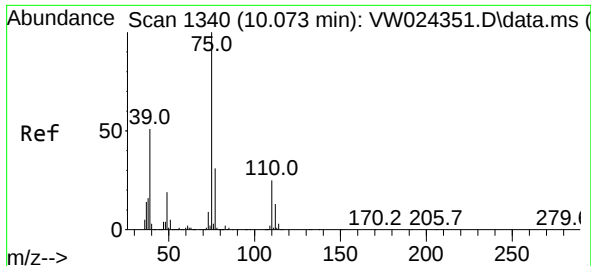
Ion Ratio Lower Upper

83 100

85 62.4 46.3 85.9

127 7.4 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 23.577 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024359.D

Acq: 26 Aug 2022 19:05

Instrument :

MSVOA_W

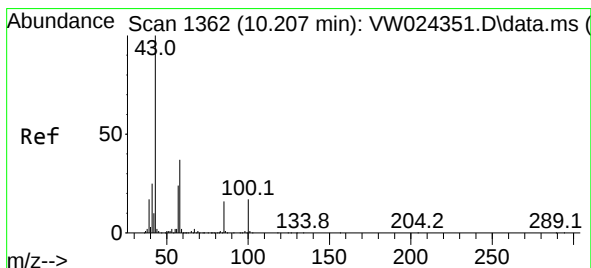
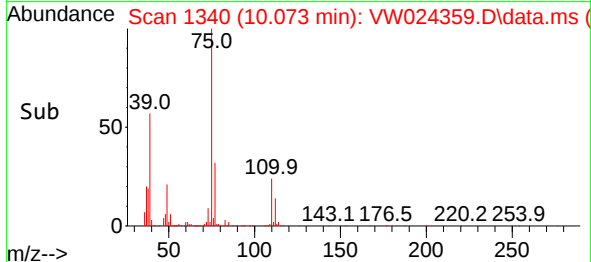
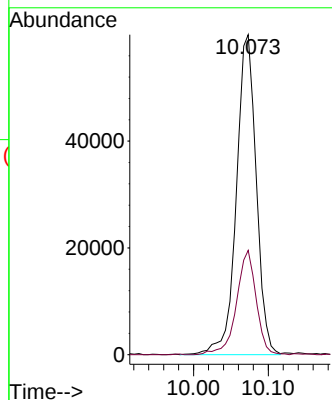
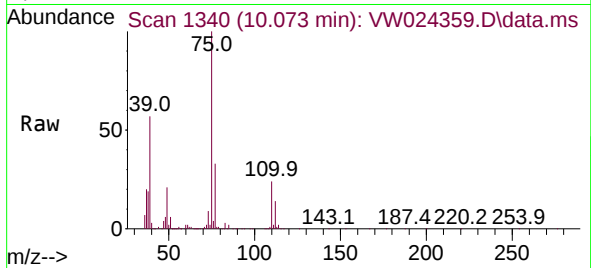
ClientSampleId :

Tgt Ion: 75 Resp: 110540

Ion Ratio Lower Upper

75 100

77 32.6 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 54.224 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024359.D

Acq: 26 Aug 2022 19:05

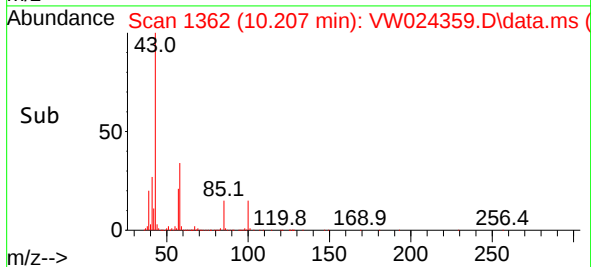
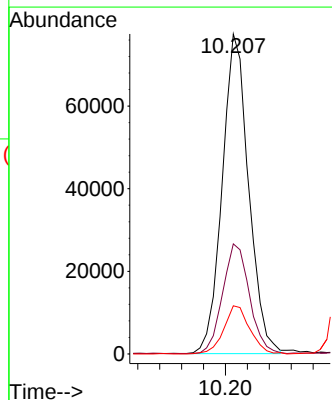
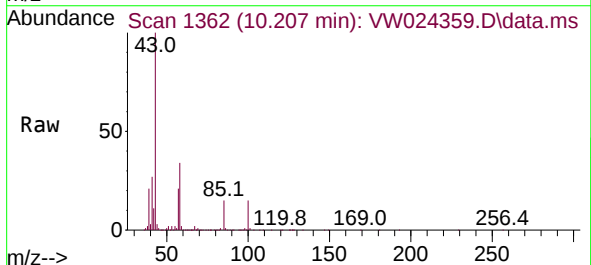
Tgt Ion: 43 Resp: 129323

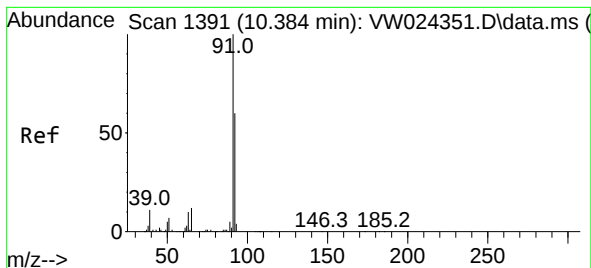
Ion Ratio Lower Upper

43 100

58 34.8 29.4 44.2

100 14.9 11.8 17.8





#42

Toluene

Concen: 23.862 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW024359.D

Acq: 26 Aug 2022 19:05

Instrument :

MSVOA_W

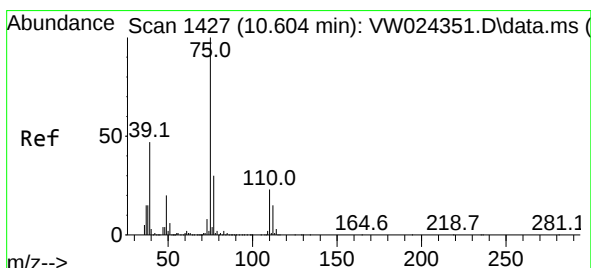
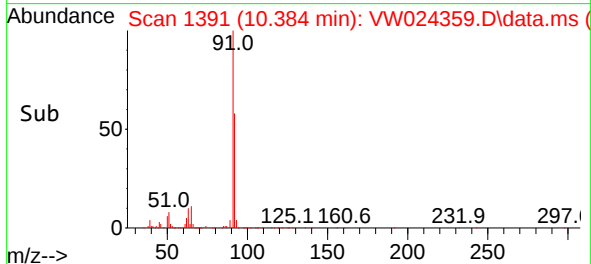
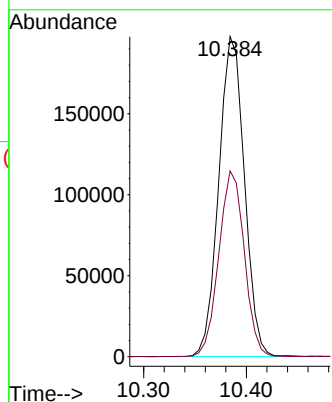
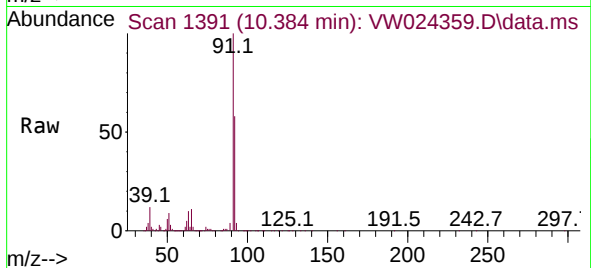
ClientSampleId :

Tgt Ion: 91 Resp: 342241

Ion Ratio Lower Upper

91 100

92 58.1 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 24.555 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW024359.D

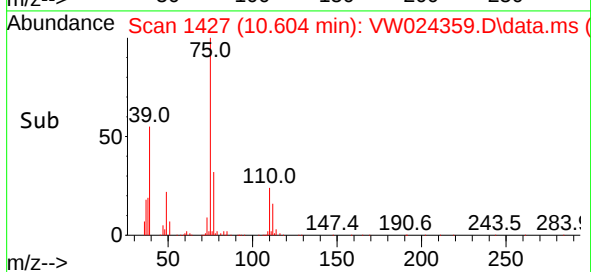
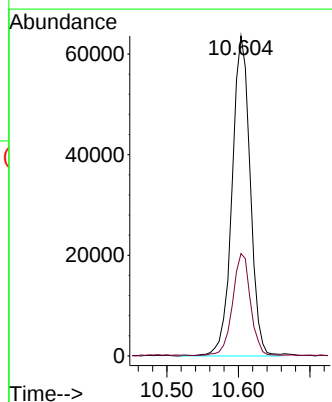
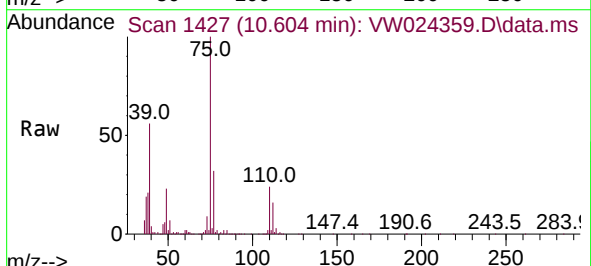
Acq: 26 Aug 2022 19:05

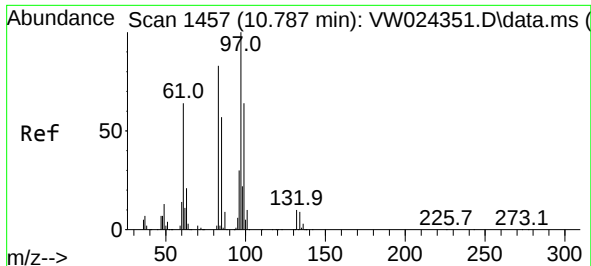
Tgt Ion: 75 Resp: 111866

Ion Ratio Lower Upper

75 100

77 32.0 21.1 39.1





#45

1,1,2-Trichloroethane

Concen: 24.321 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW024359.D

Acq: 26 Aug 2022 19:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 66518

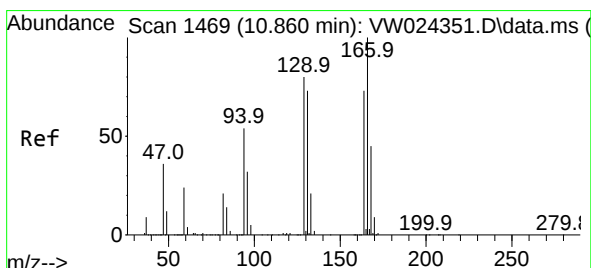
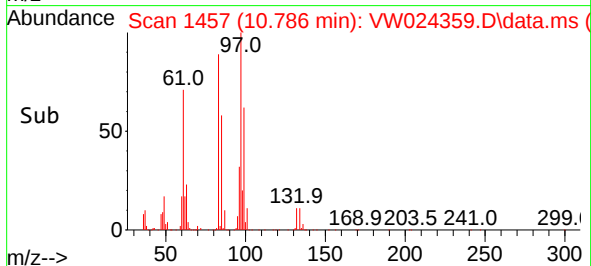
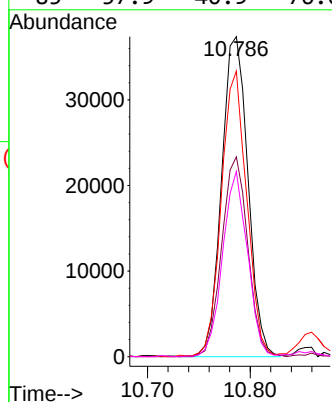
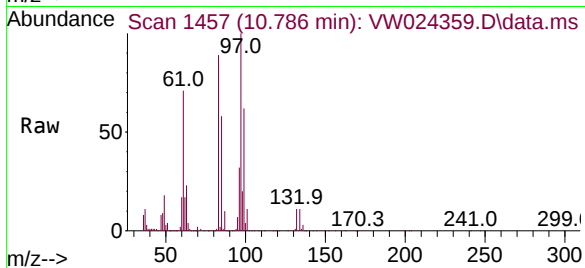
Ion Ratio Lower Upper

97 100

99 62.5 40.4 75.0

83 89.3 60.1 111.5

85 57.9 40.9 76.0



#46

Tetrachloroethene

Concen: 61.898 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW024359.D

Acq: 26 Aug 2022 19:05

Tgt Ion:164 Resp: 164666

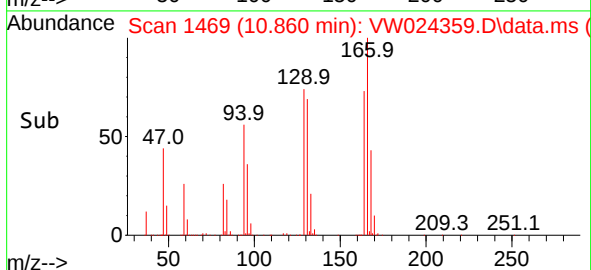
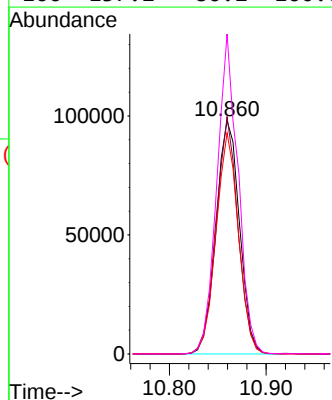
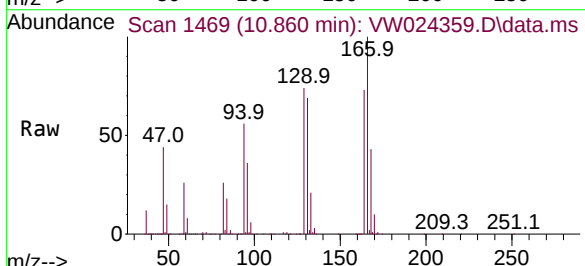
Ion Ratio Lower Upper

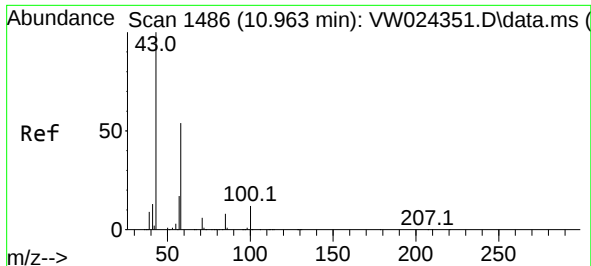
164 100

129 101.7 72.9 135.3

131 94.8 63.7 118.3

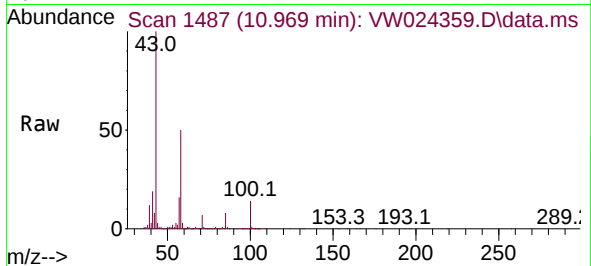
166 137.2 86.2 160.0



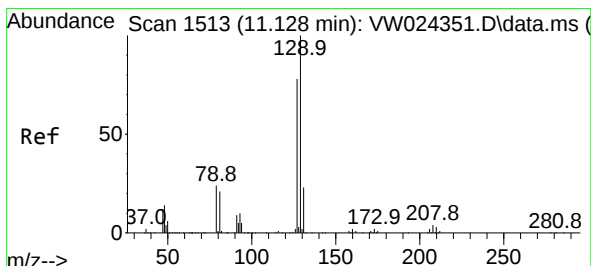
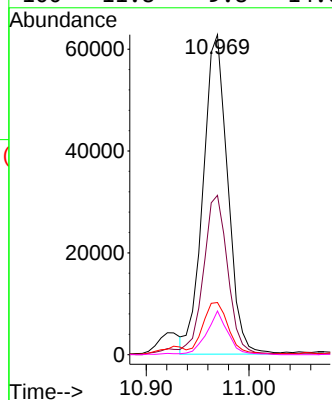
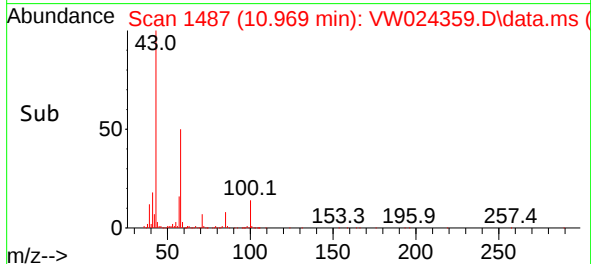


#48
2-Hexanone
Concen: 59.382 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05

Instrument :
MSVOA_W
ClientSampleId :

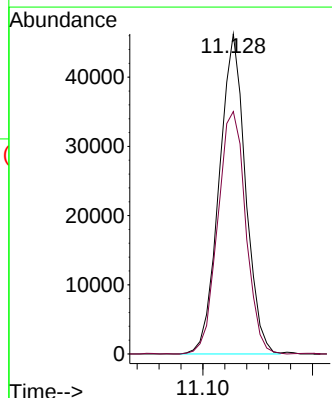
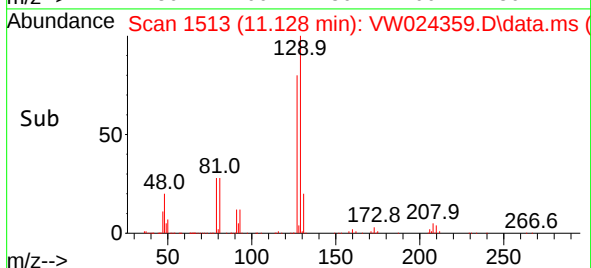
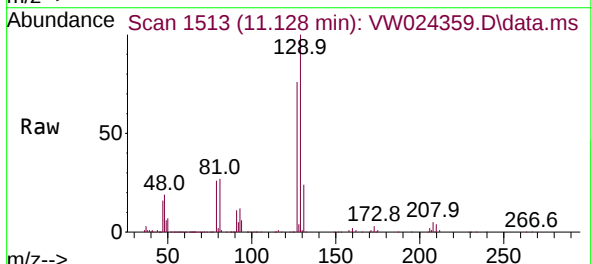


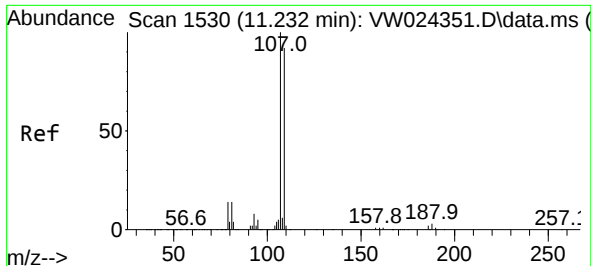
Tgt Ion: 43 Resp: 104463
Ion Ratio Lower Upper
43 100
58 49.0 40.6 61.0
57 17.2 14.2 21.2
100 11.8 9.8 14.6



#49
Dibromochloromethane
Concen: 23.882 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05

Tgt Ion: 129 Resp: 77255
Ion Ratio Lower Upper
129 100
127 75.7 54.6 101.4

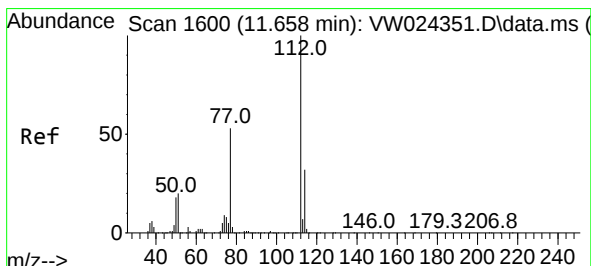
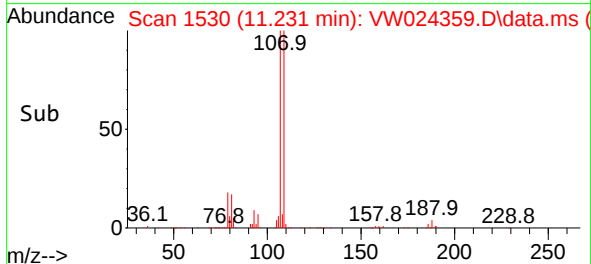
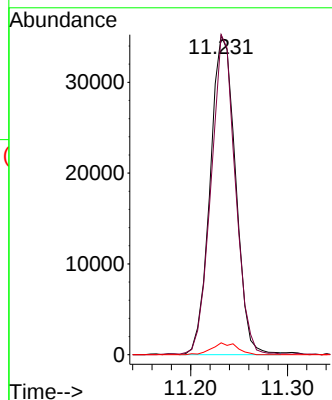
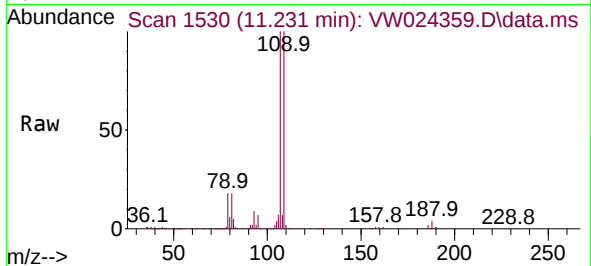




#50
1,2-Dibromoethane
Concen: 24.325 ug/L
RT: 11.231 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05

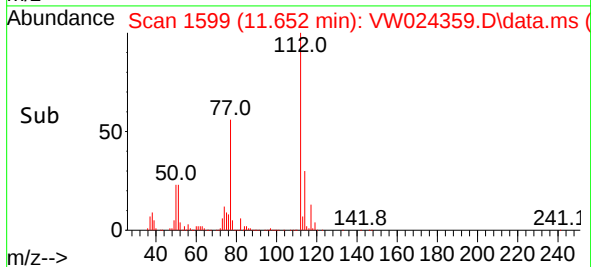
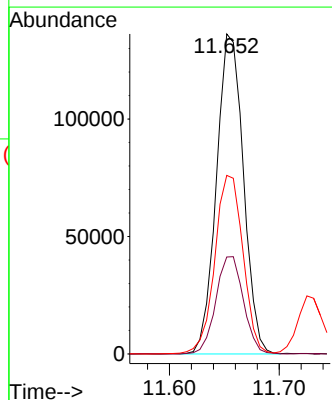
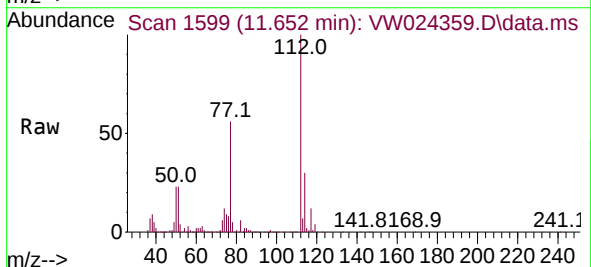
Instrument :
MSVOA_W
ClientSampleId :

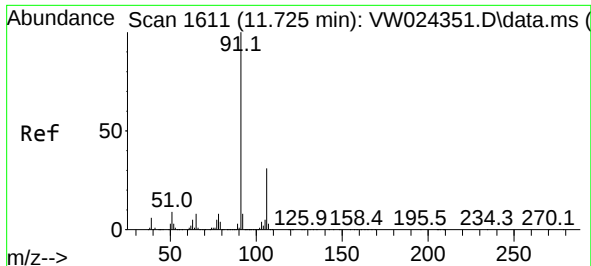
Tgt Ion:107 Resp: 63963
Ion Ratio Lower Upper
107 100
109 100.2 70.1 130.1
188 3.7 2.6 3.8



#51
Chlorobenzene
Concen: 24.209 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05

Tgt Ion:112 Resp: 233050
Ion Ratio Lower Upper
112 100
114 30.3 22.3 41.3
77 55.8 44.1 66.1

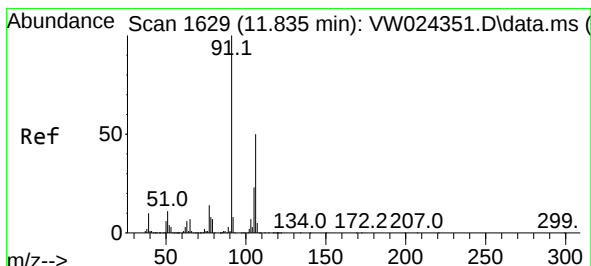
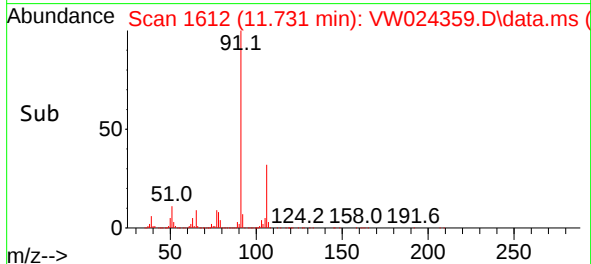
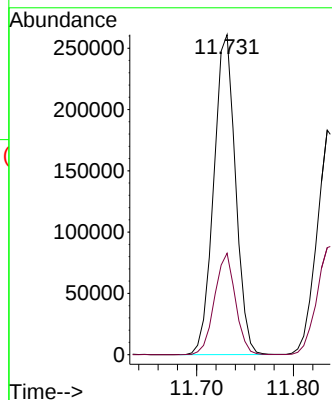
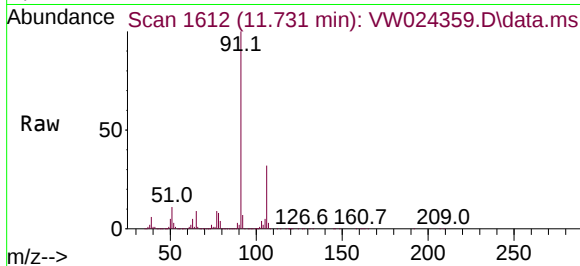




#52
Ethylbenzene
Concen: 25.632 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05

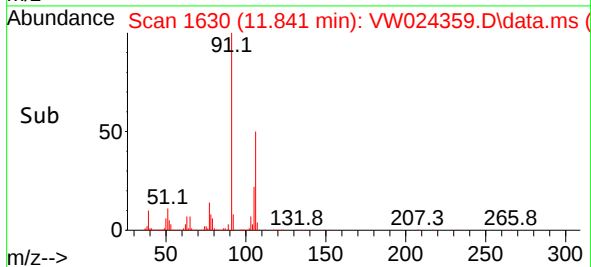
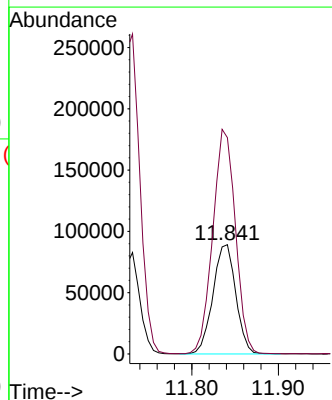
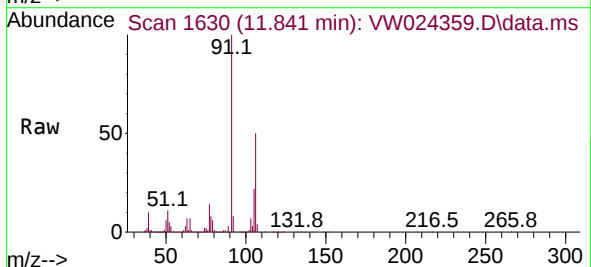
Instrument :
MSVOA_W
ClientSampleId :

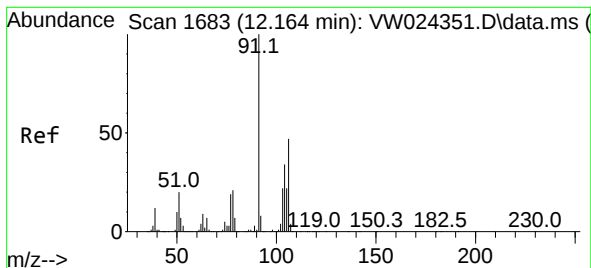
Tgt Ion: 91 Resp: 406453
Ion Ratio Lower Upper
91 100
106 31.7 22.7 42.3



#53
m,p-Xylene
Concen: 26.280 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05

Tgt Ion:106 Resp: 163655
Ion Ratio Lower Upper
106 100
91 198.0 144.3 267.9

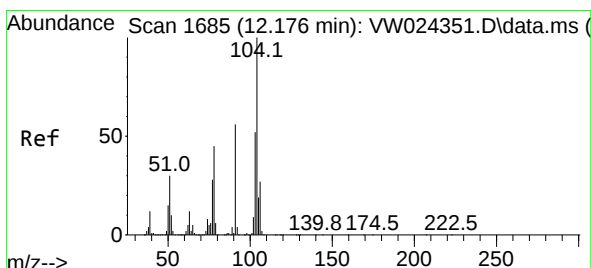
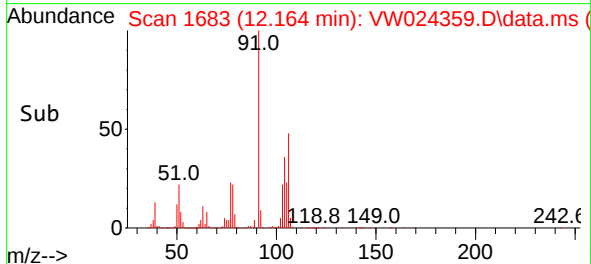
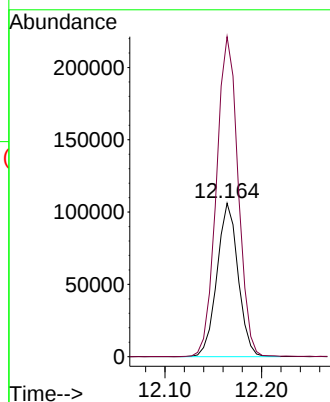
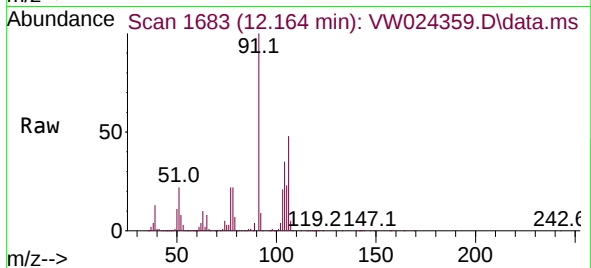




#54
o-Xylene
Concen: 27.625 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05

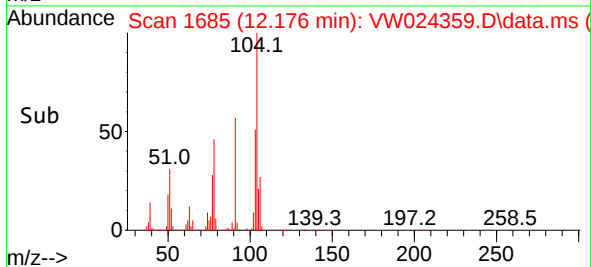
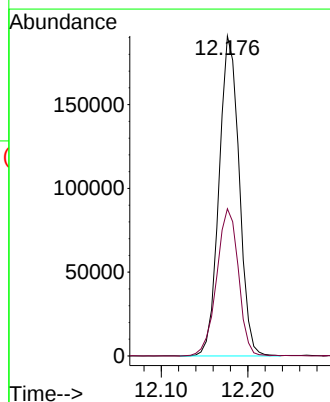
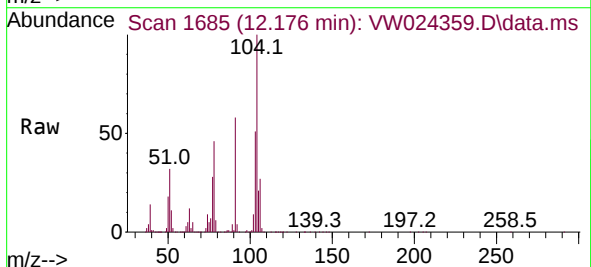
Instrument :
MSVOA_W
ClientSampleId :

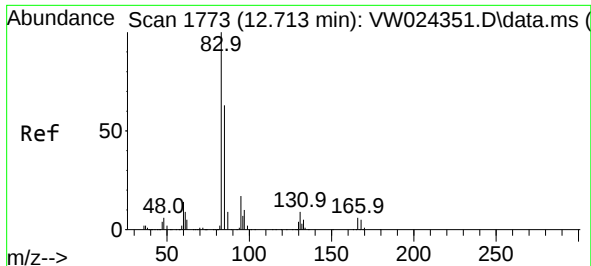
Tgt Ion:106 Resp: 160822
Ion Ratio Lower Upper
106 100
91 208.6 152.1 282.5



#55
Styrene
Concen: 29.936 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05

Tgt Ion:104 Resp: 308054
Ion Ratio Lower Upper
104 100
78 46.0 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 27.008 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024359.D

Acq: 26 Aug 2022 19:05

Instrument :

MSVOA_W

ClientSampleId :

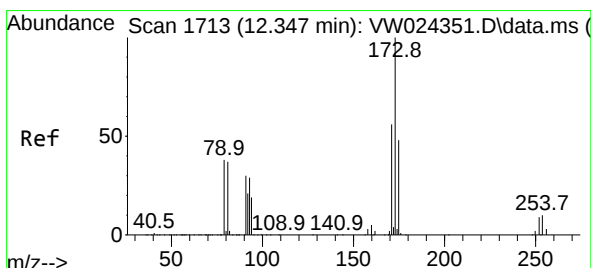
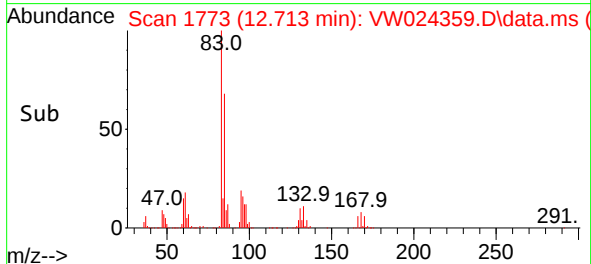
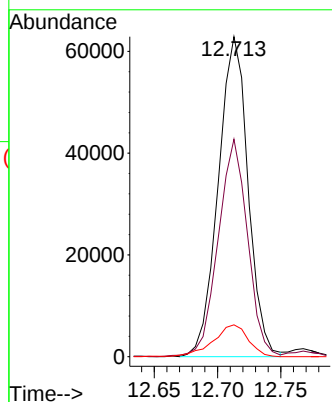
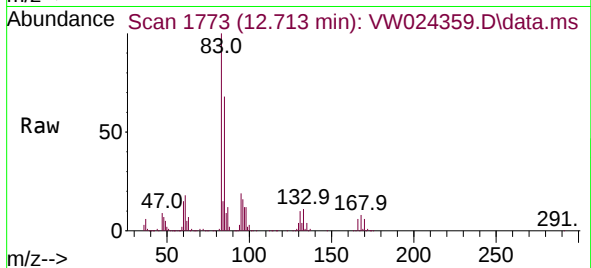
Tgt Ion: 83 Resp: 103106

Ion Ratio Lower Upper

83 100

85 68.0 44.4 82.5

131 10.0 8.4 12.6



#59

Bromoform

Concen: 23.556 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024359.D

Acq: 26 Aug 2022 19:05

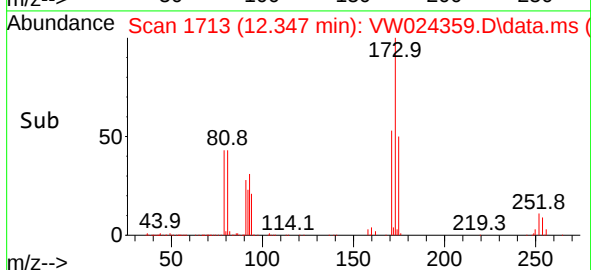
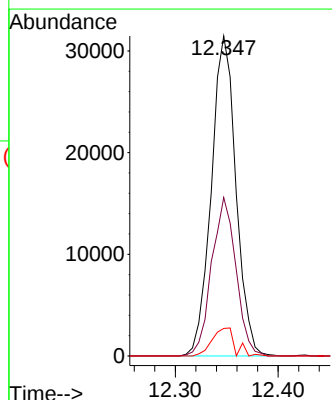
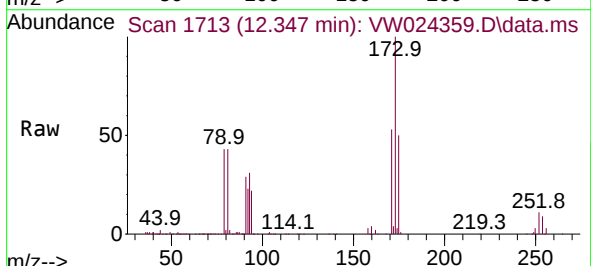
Tgt Ion:173 Resp: 52401

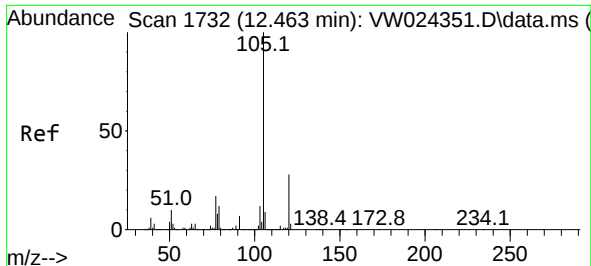
Ion Ratio Lower Upper

173 100

175 48.8 39.8 59.6

254 7.0 6.8 10.2

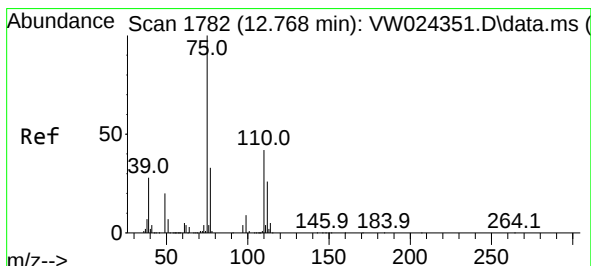
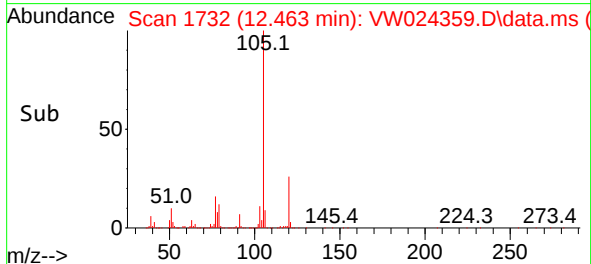
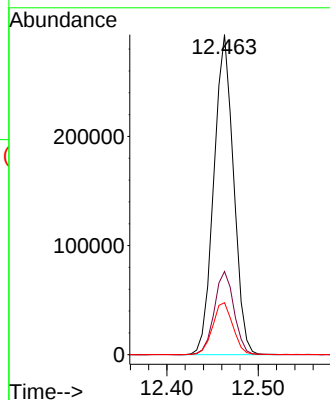
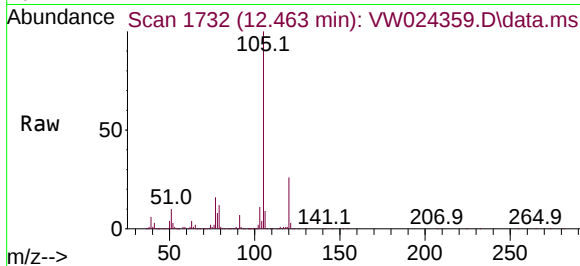




#60
Isopropylbenzene
Concen: 23.878 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05

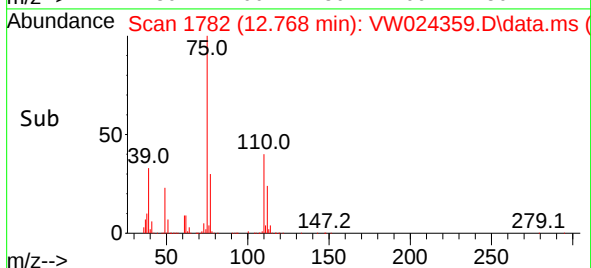
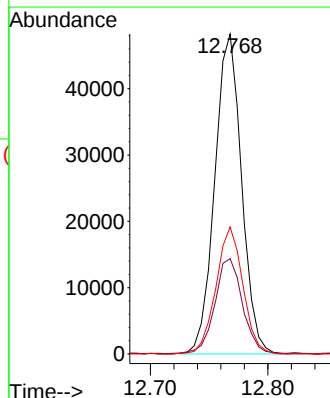
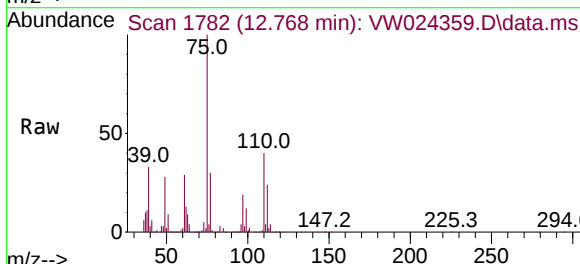
Instrument :
MSVOA_W
ClientSampleId :

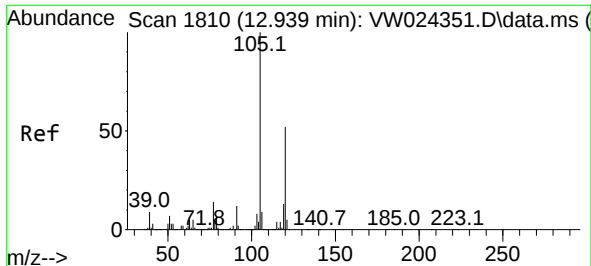
Tgt Ion:105 Resp: 439605
Ion Ratio Lower Upper
105 100
120 26.0 21.4 32.0
77 16.8 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 24.364 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05

Tgt Ion: 75 Resp: 76373
Ion Ratio Lower Upper
75 100
77 31.0 26.5 39.7
110 39.9 33.8 50.8





#62

1,3,5-Trimethylbenzene

Concen: 24.308 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW024359.D

Acq: 26 Aug 2022 19:05

Instrument :

MSVOA_W

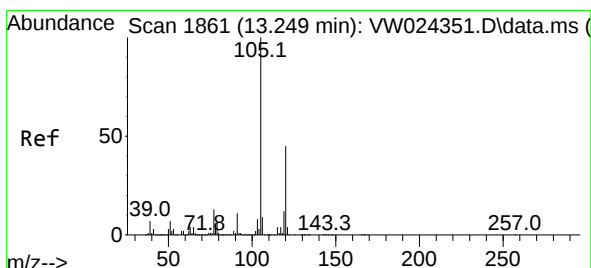
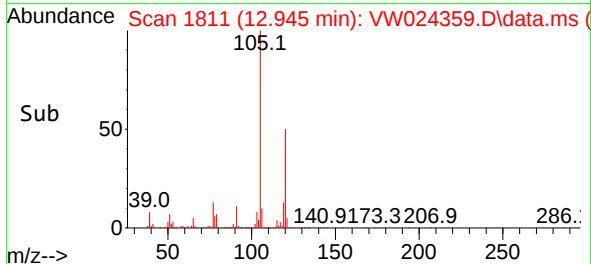
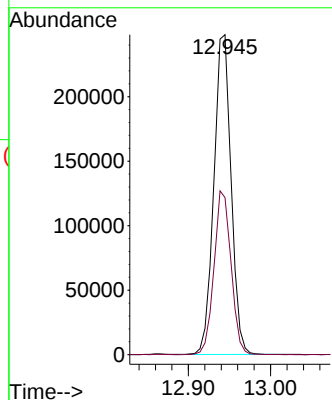
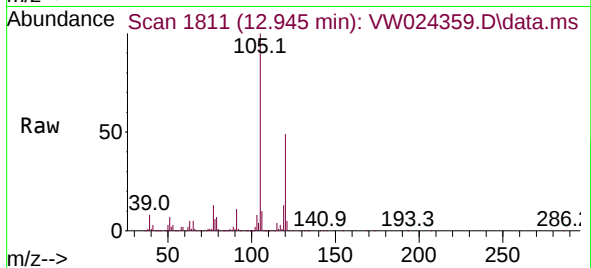
ClientSampleId :

Tgt Ion:105 Resp: 360857

Ion Ratio Lower Upper

105 100

120 50.6 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 25.525 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW024359.D

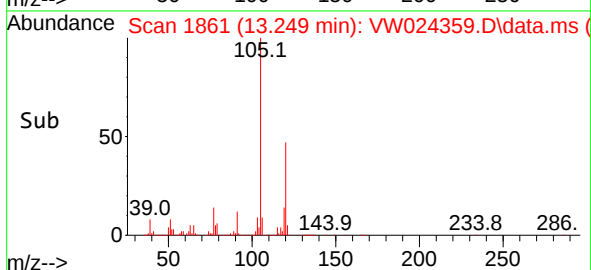
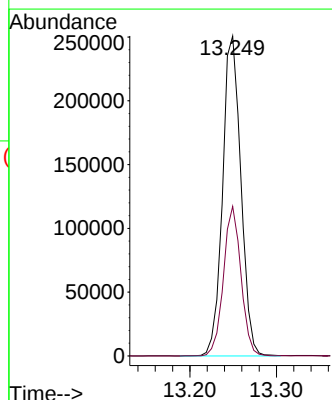
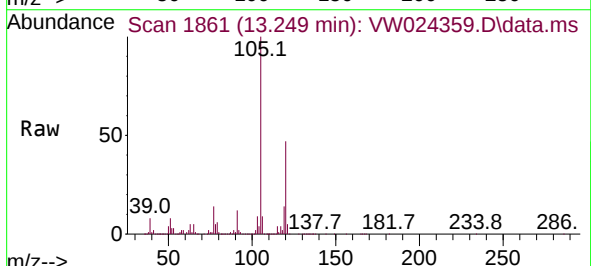
Acq: 26 Aug 2022 19:05

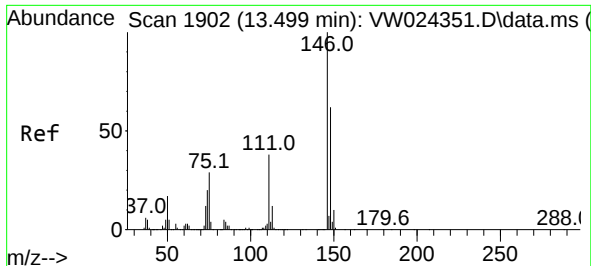
Tgt Ion:105 Resp: 368052

Ion Ratio Lower Upper

105 100

120 44.5 36.2 54.2

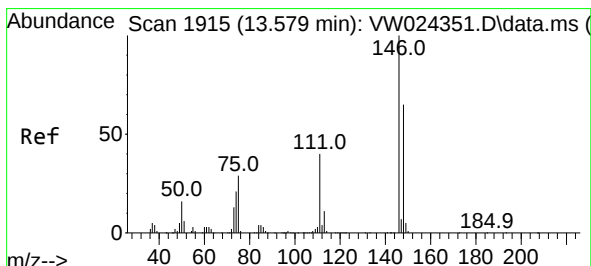
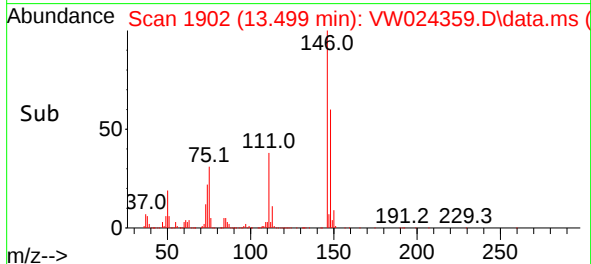
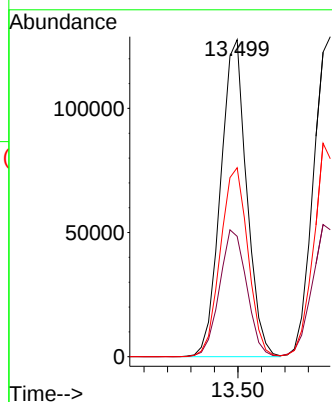
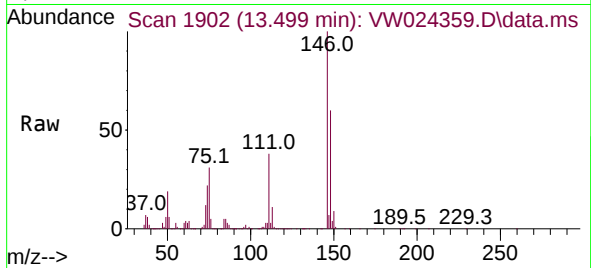




#64
1,3-Dichlorobenzene
Concen: 22.367 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05

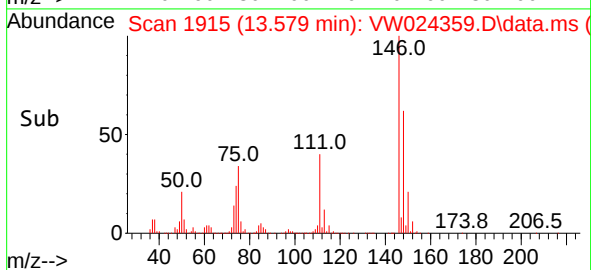
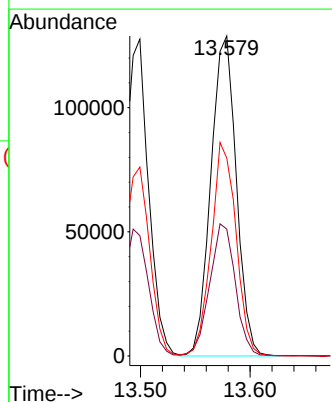
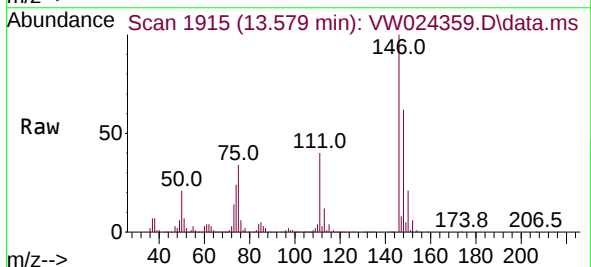
Instrument :
MSVOA_W
ClientSampleId :

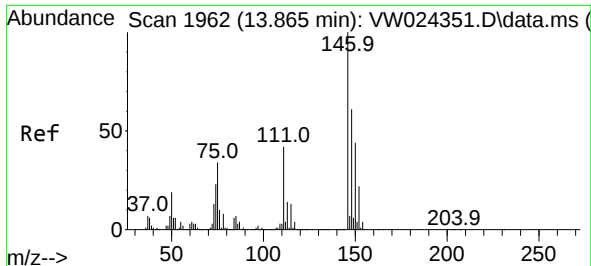
Tgt Ion:146 Resp: 196881
Ion Ratio Lower Upper
146 100
111 37.9 27.0 50.2
148 59.6 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 22.408 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05

Tgt Ion:146 Resp: 208239
Ion Ratio Lower Upper
146 100
111 39.7 27.7 51.5
148 61.9 46.5 86.5





#67

1,2-Dichlorobenzene

Concen: 24.265 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.006 min

Lab File: VW024359.D

Acq: 26 Aug 2022 19:05

Instrument :

MSVOA_W

ClientSampleId :

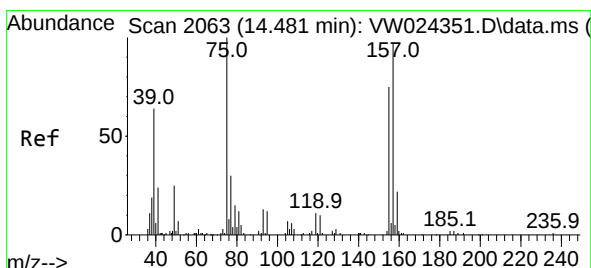
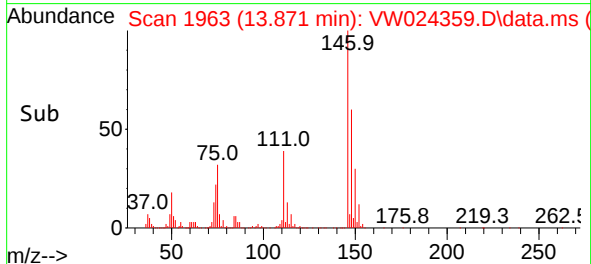
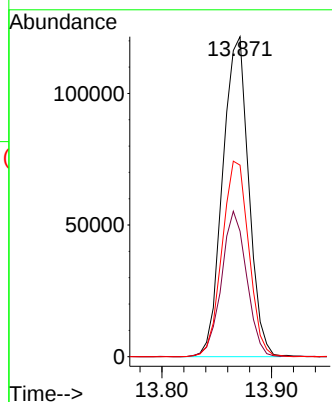
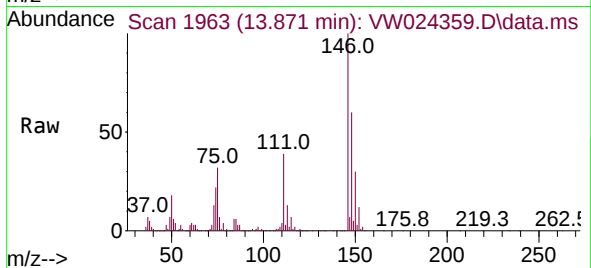
Tgt Ion:146 Resp: 200219

Ion Ratio Lower Upper

146 100

111 39.2 34.5 51.7

148 59.9 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 22.338 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024359.D

Acq: 26 Aug 2022 19:05

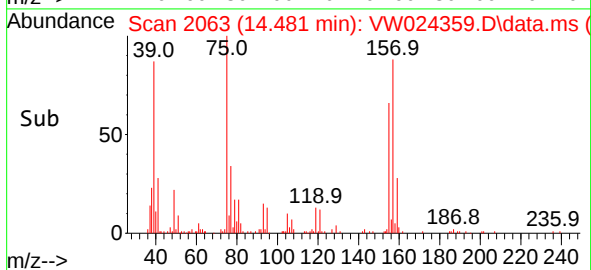
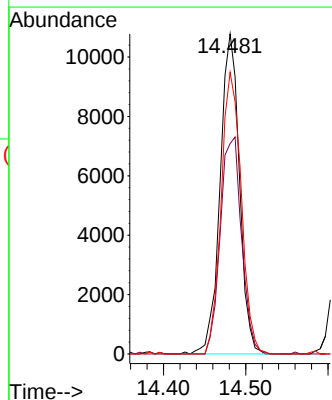
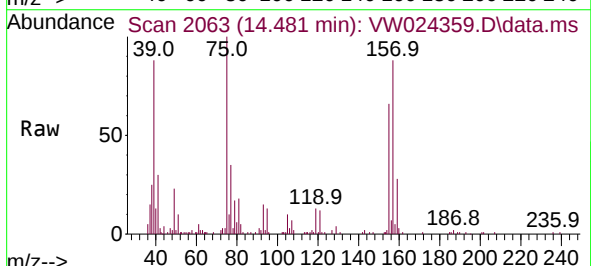
Tgt Ion: 75 Resp: 17592

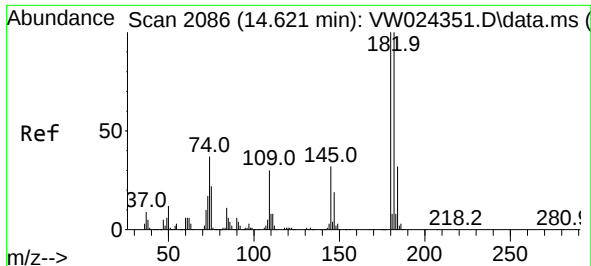
Ion Ratio Lower Upper

75 100

155 65.8 63.9 95.9

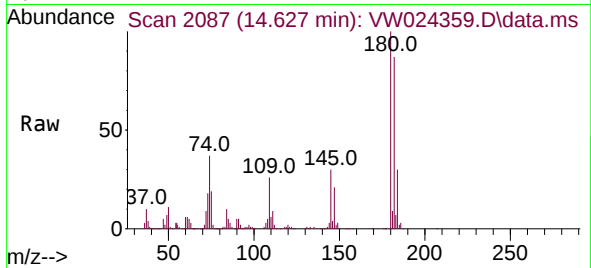
157 88.0 72.2 108.4



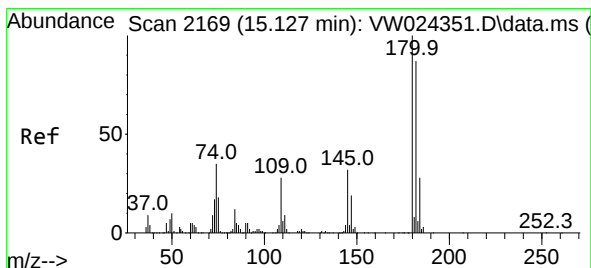
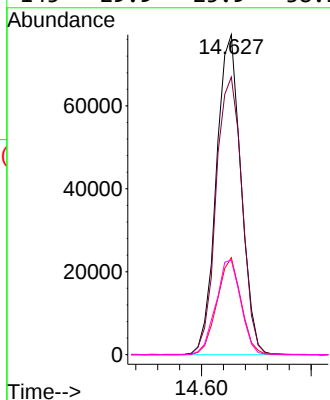
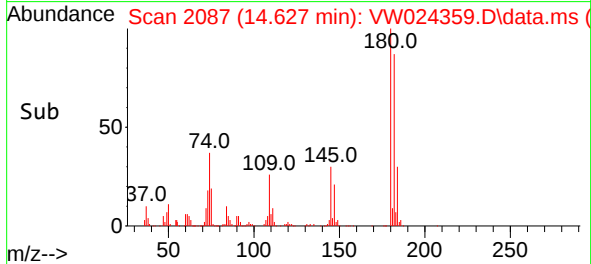


#69
1,3,5-Trichlorobenzene
Concen: 21.209 ug/L
RT: 14.627 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05

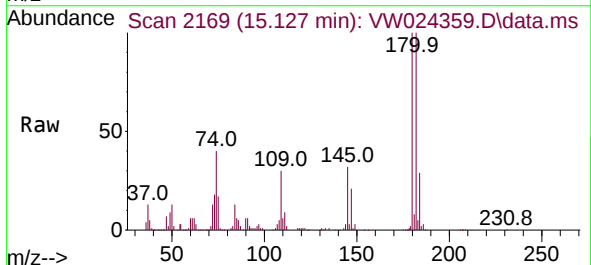
Instrument :
MSVOA_W
ClientSampleId :



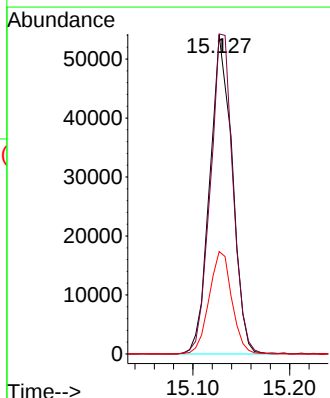
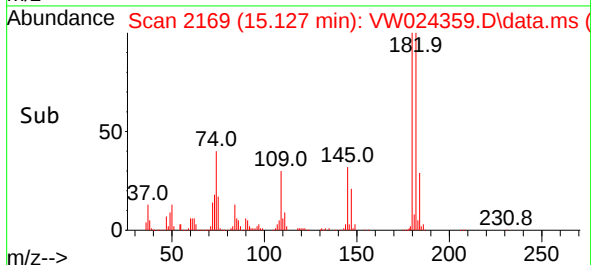
Tgt Ion:180 Resp: 120496
Ion Ratio Lower Upper
180 100
182 91.4 76.6 114.8
184 29.6 24.5 36.7
145 29.9 25.9 38.9

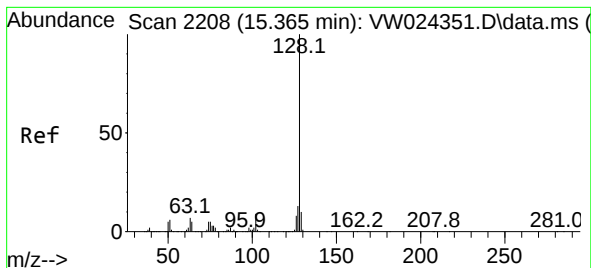


#70
1,2,4-trichlorobenzene
Concen: 19.804 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW024359.D
Acq: 26 Aug 2022 19:05



Tgt Ion:180 Resp: 87467
Ion Ratio Lower Upper
180 100
182 100.5 72.6 109.0
145 32.4 26.2 39.2





#71

Naphthalene

Concen: 22.954 ug/L

RT: 15.365 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW024359.D

Acq: 26 Aug 2022 19:05

Instrument :

MSVOA_W

ClientSampleId :

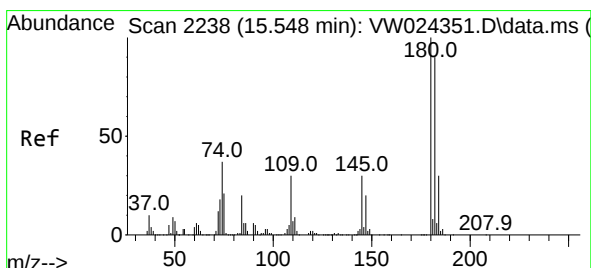
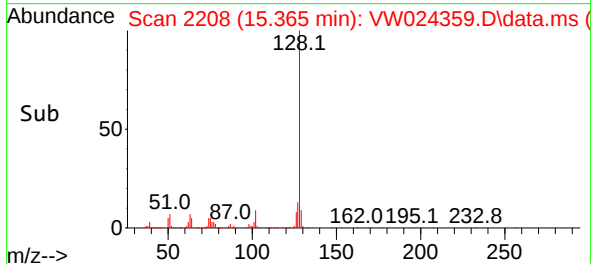
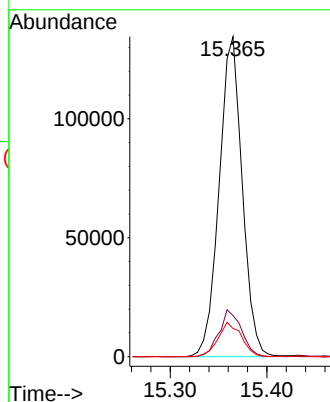
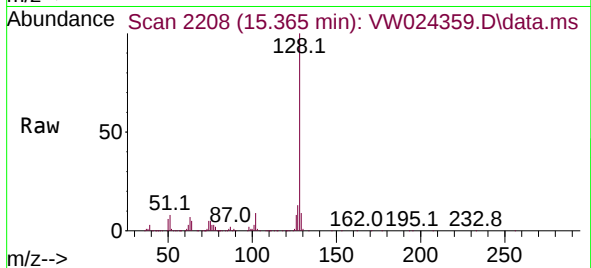
Tgt Ion:128 Resp: 222646

Ion Ratio Lower Upper

128 100

127 14.4 10.5 15.7

129 10.9 8.3 12.5



#72

1,2,3-Trichlorobenzene

Concen: 20.375 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW024359.D

Acq: 26 Aug 2022 19:05

Tgt Ion:180 Resp: 85048

Ion Ratio Lower Upper

180 100

182 97.6 74.6 111.8

145 33.5 26.6 40.0

