

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024346.D
 Acq On : 26 Aug 2022 11:40
 Operator : SY/VA
 Sample : VSTD00520
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 26 23:55:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 26 23:53:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	222970	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	233965	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	126095	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	30236	4.919	ug/L	0.00
7) Chloroethane-d5	2.574	69	326	0.072	ug/L	-0.30
11) 1,1-Dichloroethene-d2	4.007	63	25850	4.960	ug/L	0.00
21) 2-Butanone-d5	7.086	46	8864	8.116	ug/L	0.00
24) Chloroform-d	7.647	84	34797	4.854	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	21016	4.834	ug/L	0.00
32) Benzene-d6	8.268	84	62373	4.653	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	18735	4.494	ug/L	0.00
41) Toluene-d8	10.323	98	57406	4.504	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	8378	4.280	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	6400	6.886	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	20829	4.413	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	21391	4.505	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	10785	4.708	ug/L	91
3) Chloromethane	2.215	50	21534	5.153	ug/L	97
5) Vinyl chloride	2.349	62	39440	5.407	ug/L	99
6) Bromomethane	2.763	94	28852	5.636	ug/L	99
8) Chloroethane	2.904	64	20147	5.227	ug/L	87
9) Trichlorofluoromethane	3.245	101	17869	5.210	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	17384	5.303	ug/L #	86
12) 1,1-Dichloroethene	4.031	96	12967	4.869	ug/L	85
13) Acetone	4.129	43	7359	10.758	ug/L	87
14) Carbon disulfide	4.367	76	49885	5.636	ug/L	95
15) Methyl Acetate	4.672	43	7855	4.767	ug/L	91
16) Methylene chloride	4.909	84	21200	5.747	ug/L	84
17) trans-1,2-Dichloroethene	5.421	96	9309	2.953	ug/L	86
18) Methyl tert-butyl Ether	5.421	73	23625	4.577	ug/L #	79
19) 1,1-Dichloroethane	6.214	63	30662	5.144	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	16270	4.693	ug/L	96
22) 2-Butanone	7.244	43	322	0.267	ug/L	84
23) Bromochloromethane	7.513	128	8776	5.184	ug/L	90
25) Chloroform	7.671	83	35328	5.341	ug/L	93
27) 1,2-Dichloroethane	8.403	62	25519	5.301	ug/L	98
29) Cyclohexane	7.951	56	21100	4.183	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	28226	5.117	ug/L	99
31) Carbon tetrachloride	8.067	117	24872	4.929	ug/L	97
33) Benzene	8.317	78	70576	4.846	ug/L	100
34) Trichloroethene	9.085	95	18541	4.829	ug/L	96
35) Methylcyclohexane	9.335	83	26791	4.349	ug/L	91
37) 1,2-Dichloropropane	9.366	63	18413	4.924	ug/L #	96
38) Bromodichloromethane	9.646	83	25552	4.991	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	22895	4.357	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	23448	8.862	ug/L	99
42) Toluene	10.384	91	74204	4.616	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	22742	4.454	ug/L	98

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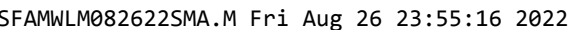
Instrument :
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 ClientSampleId :

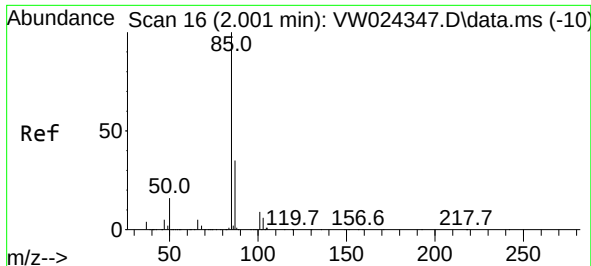
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.780	97	15317	4.997	ug/L	92
46) Tetrachloroethene	10.866	164	14122	4.736	ug/L	90
48) 2-Hexanone	10.969	43	17331	8.792	ug/L	95
49) Dibromochloromethane	11.128	129	16894	4.659	ug/L	92
50) 1,2-Dibromoethane	11.231	107	14000	4.750	ug/L	97
51) Chlorobenzene	11.658	112	52749	4.889	ug/L	98
52) Ethylbenzene	11.731	91	80025	4.503	ug/L	91
53) m,p-Xylene	11.841	106	31528	4.517	ug/L	90
54) o-Xylene	12.164	106	27139	4.159	ug/L	100
55) Styrene	12.182	104	48997	4.248	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	20313	4.747	ug/L	91
59) Bromoform	12.353	173	9111	4.502	ug/L	98
60) Isopropylbenzene	12.463	105	76775	4.584	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	14025	4.901	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	54341	4.024	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	54540	4.158	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	39100	4.883	ug/L	92
65) 1,4-Dichlorobenzene	13.572	146	41703	4.933	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	35768	4.765	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.487	75	3349	4.675	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	23936	4.631	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	17102	4.257	ug/L	98
71) Naphthalene	15.365	128	32771	3.714	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	16706	4.400	ug/L	94

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

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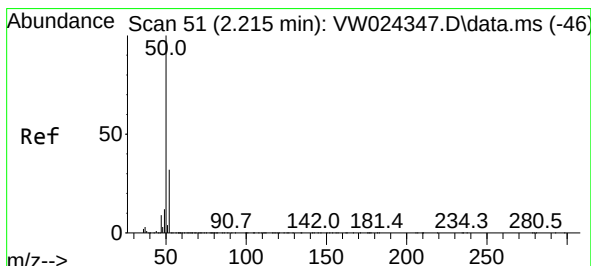
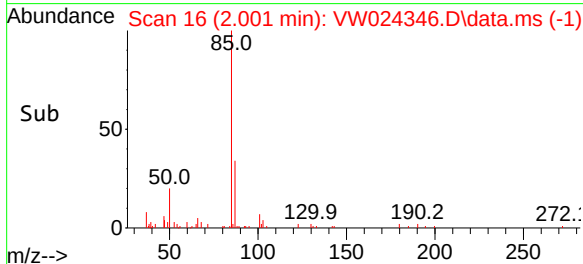
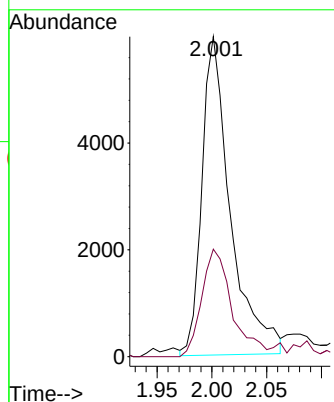
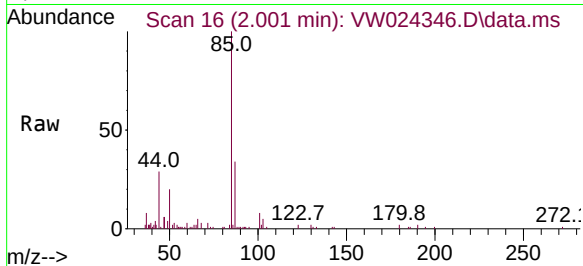




#2
 Dichlorodifluoromethane
 Concen: 4.708 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024346.D
 Acq: 26 Aug 2022 11:40

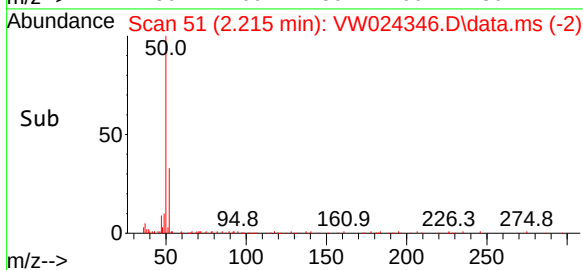
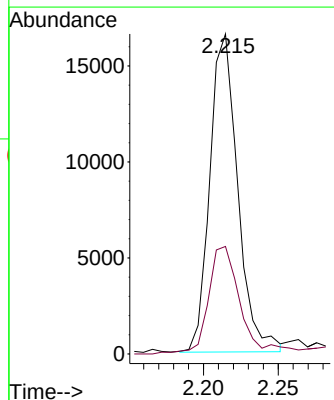
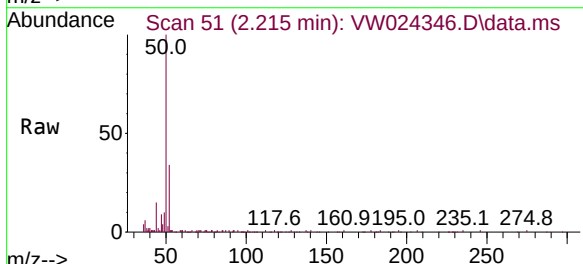
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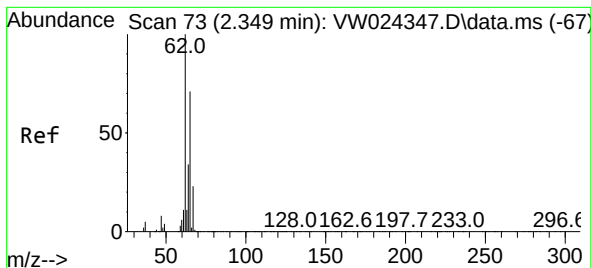
Tgt Ion: 85 Resp: 10785
 Ion Ratio Lower Upper
 85 100
 87 35.9 24.7 37.1



#3
 Chloromethane
 Concen: 5.153 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW024346.D
 Acq: 26 Aug 2022 11:40

Tgt Ion: 50 Resp: 21534
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.3 41.5





#5

Vinyl chloride

Concen: 5.407 ug/L

RT: 2.349 min Scan# 73

Delta R.T. 0.000 min

Lab File: VW024346.D

Acq: 26 Aug 2022 11:40

Instrument :

MSVOA_W

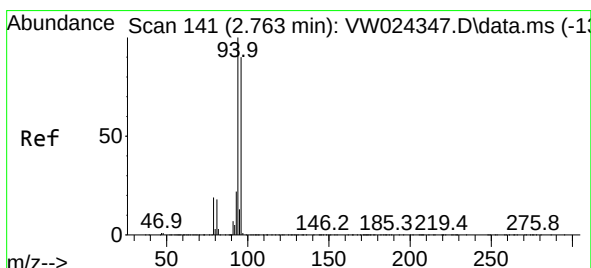
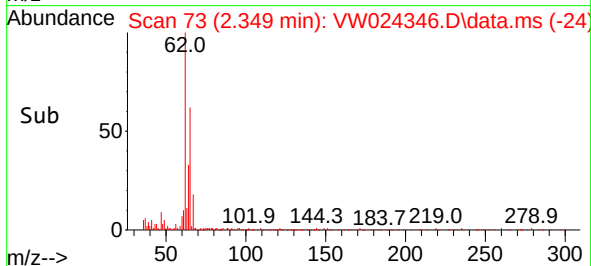
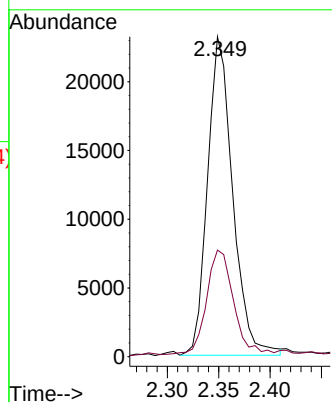
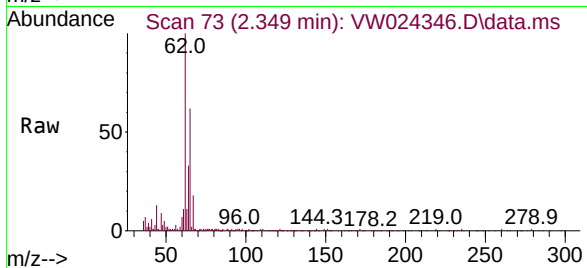
ClientSampleId :

Tgt Ion: 62 Resp: 39440

Ion Ratio Lower Upper

62 100

64 33.3 23.6 43.8



#6

Bromomethane

Concen: 5.636 ug/L

RT: 2.763 min Scan# 141

Delta R.T. 0.000 min

Lab File: VW024346.D

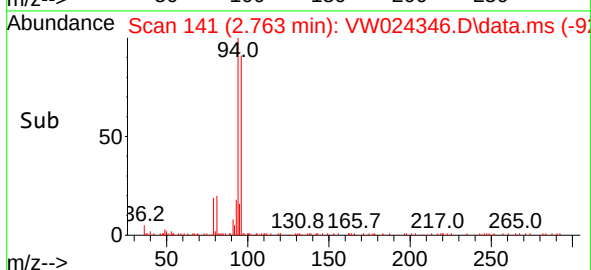
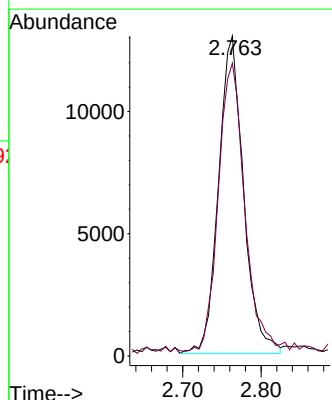
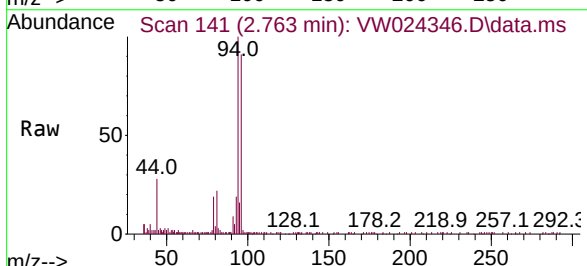
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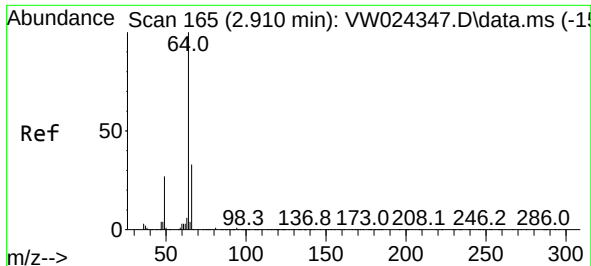
Tgt Ion: 94 Resp: 28852

Ion Ratio Lower Upper

94 100

96 91.5 63.6 118.0

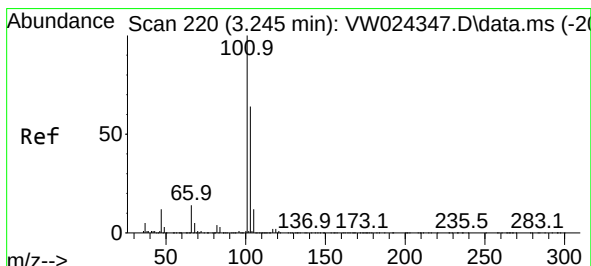
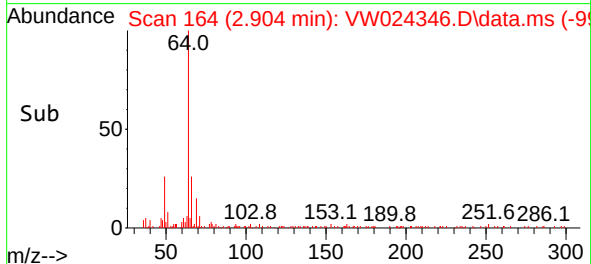
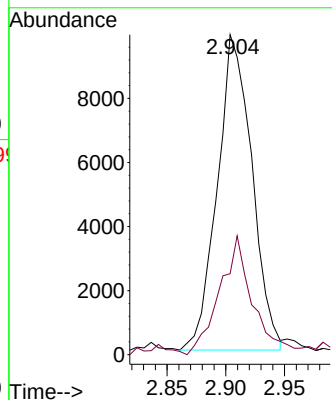
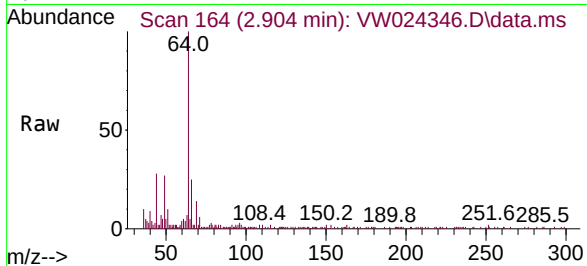




#8
Chloroethane
Concen: 5.227 ug/L
RT: 2.904 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW024346.D
Acq: 26 Aug 2022 11:40

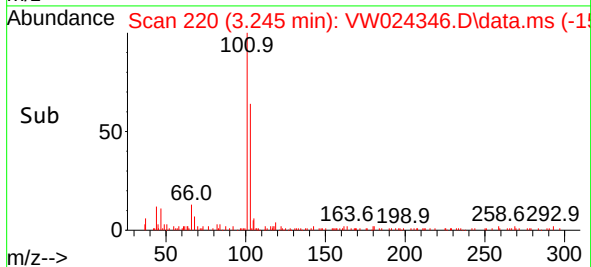
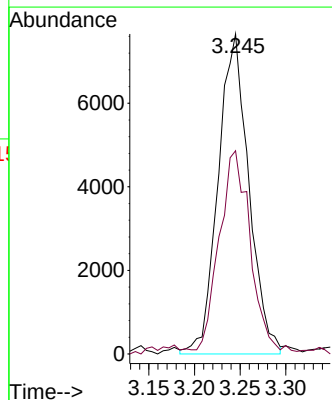
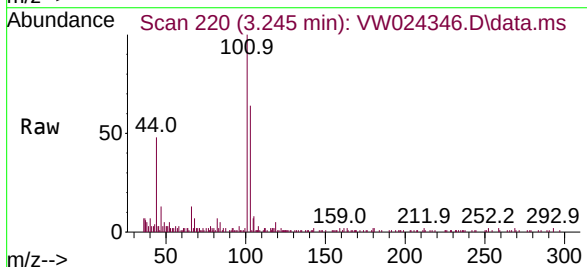
Instrument :
MSVOA_W
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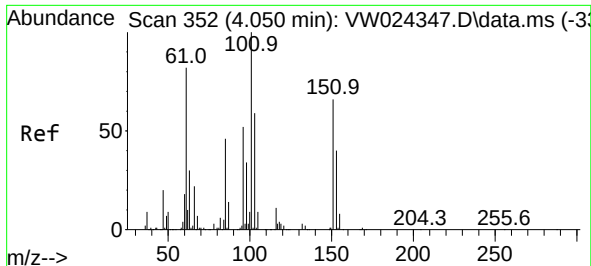
Tgt Ion: 64 Resp: 20147
Ion Ratio Lower Upper
64 100
66 25.3 23.0 42.6



#9
Trichlorofluoromethane
Concen: 5.210 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.000 min
Lab File: VW024346.D
Acq: 26 Aug 2022 11:40

Tgt Ion: 101 Resp: 17869
Ion Ratio Lower Upper
101 100
103 61.3 50.4 75.6

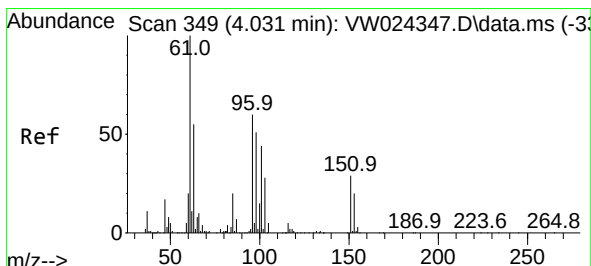
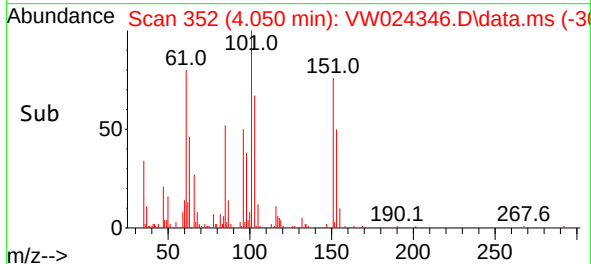
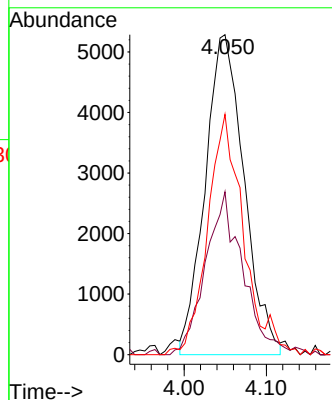
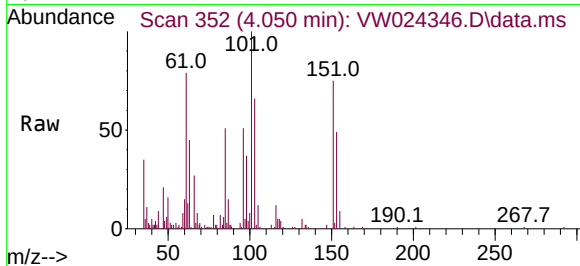




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.303 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.000 min
 Lab File: VW024346.D
 Acq: 26 Aug 2022 11:40

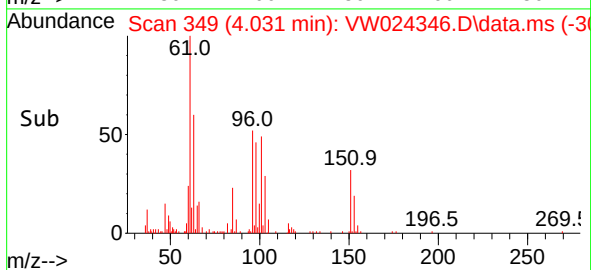
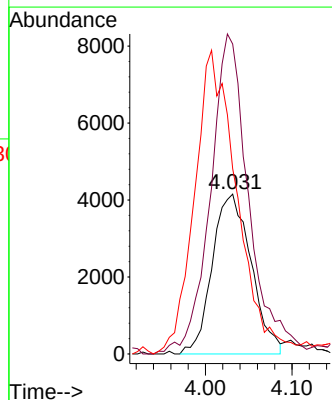
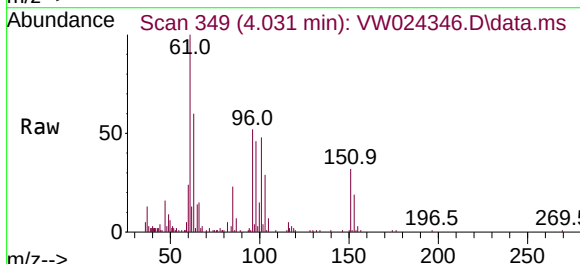
Instrument :
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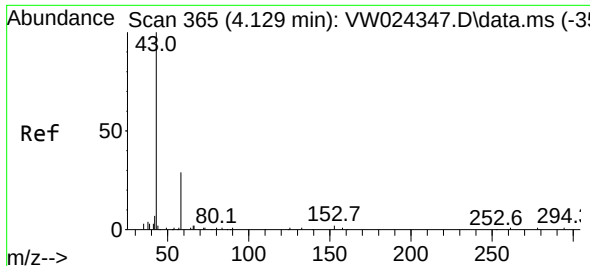
Tgt Ion:101 Resp: 17384
 Ion Ratio Lower Upper
 101 100
 85 31.5 39.1 58.7#
 151 65.4 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 4.869 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. 0.000 min
 Lab File: VW024346.D
 Acq: 26 Aug 2022 11:40

Tgt Ion: 96 Resp: 12967
 Ion Ratio Lower Upper
 96 100
 61 194.0 118.8 220.6
 63 115.9 72.8 135.2

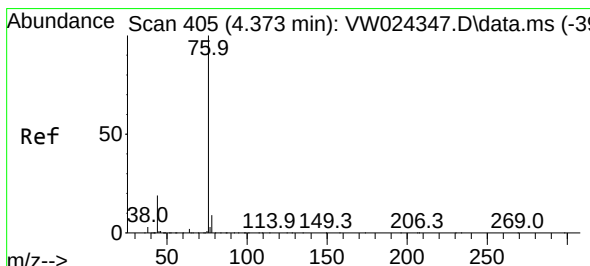
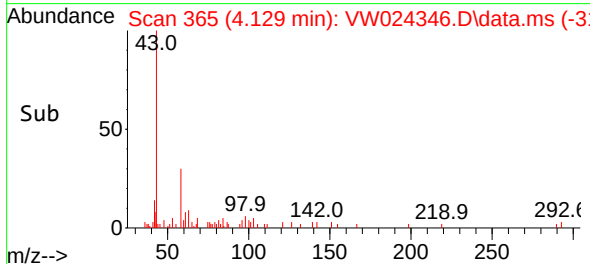
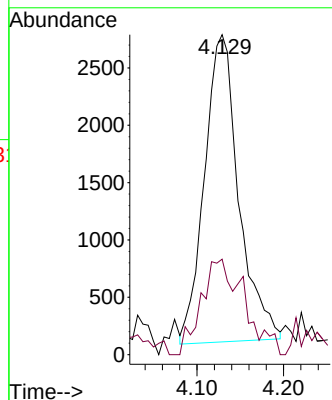
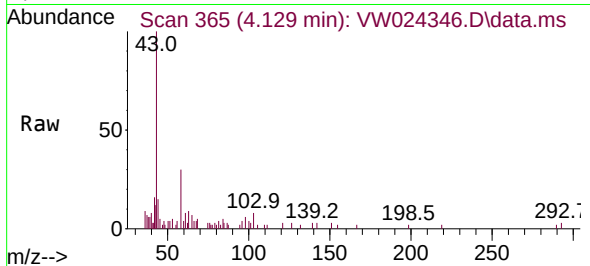




#13
Acetone
Concen: 10.758 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
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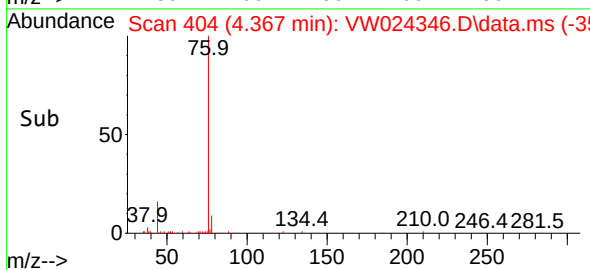
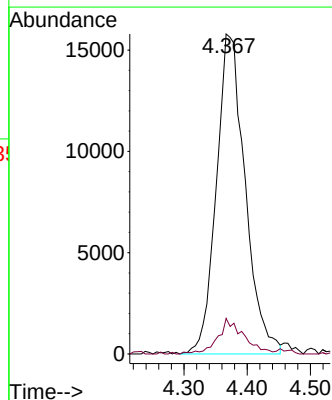
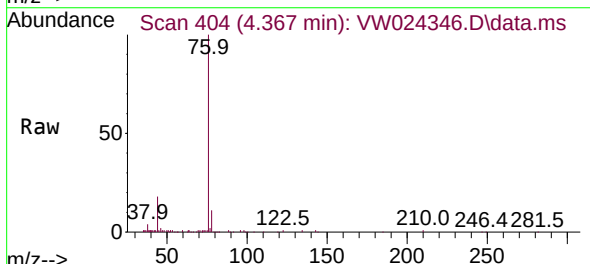
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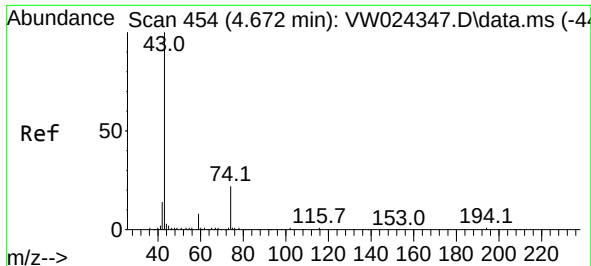
Tgt Ion: 43 Resp: 7359
Ion Ratio Lower Upper
43 100
58 22.3 0.0 58.4



#14
Carbon disulfide
Concen: 5.636 ug/L
RT: 4.367 min Scan# 404
Delta R.T. -0.006 min
Lab File: VW024346.D
Acq: 26 Aug 2022 11:40

Tgt Ion: 76 Resp: 49885
Ion Ratio Lower Upper
76 100
78 11.1 7.4 11.2

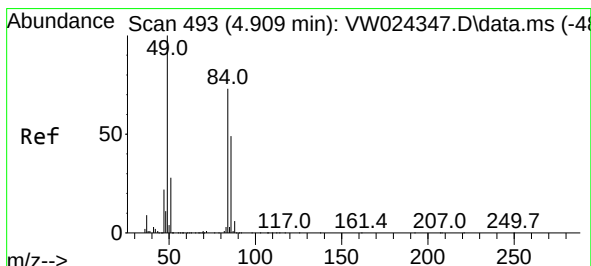
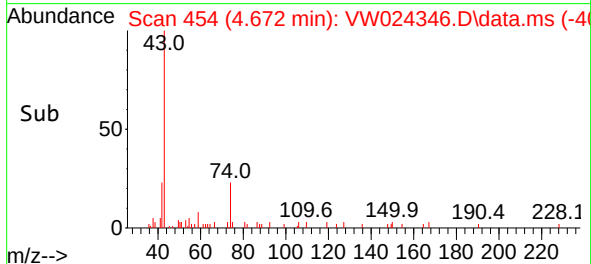
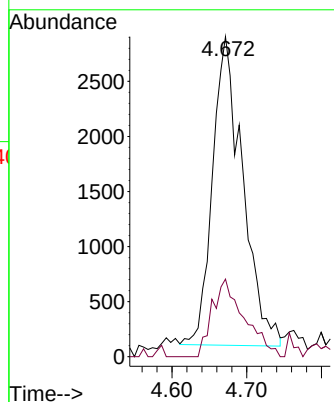
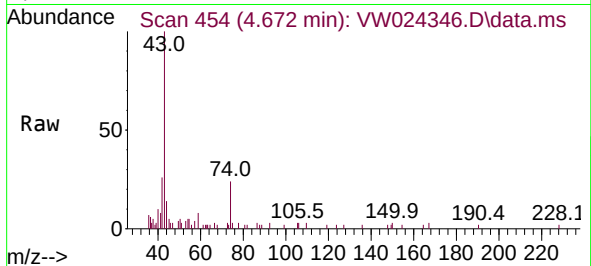




#15
Methyl Acetate
Concen: 4.767 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW024346.D
Acq: 26 Aug 2022 11:40

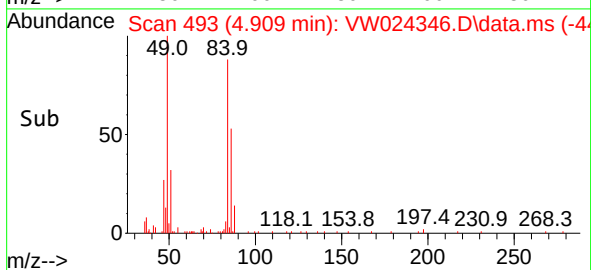
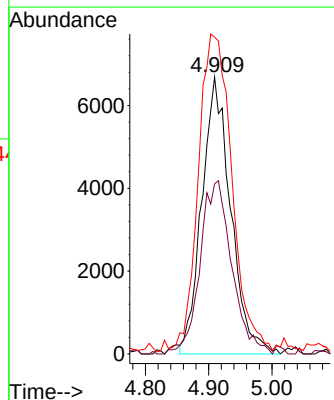
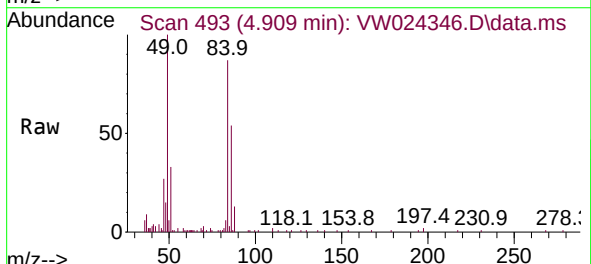
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ClientSampleId :

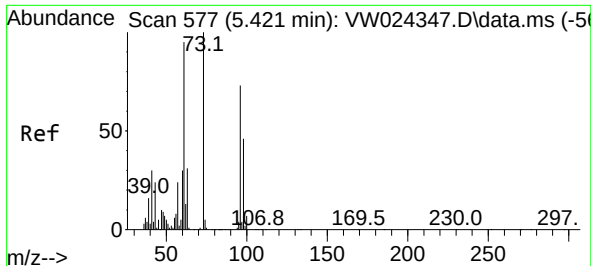
Tgt Ion: 43 Resp: 7855
Ion Ratio Lower Upper
43 100
74 26.7 17.9 26.9



#16
Methylene chloride
Concen: 5.747 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024346.D
Acq: 26 Aug 2022 11:40

Tgt Ion: 84 Resp: 21200
Ion Ratio Lower Upper
84 100
86 61.5 47.7 88.7
49 114.4 96.6 179.4





#17

trans-1,2-Dichloroethene

Concen: 2.953 ug/L

RT: 5.421 min Scan# 577

Delta R.T. 0.000 min

Lab File: VW024346.D

Acq: 26 Aug 2022 11:40

Instrument :

MSVOA_W

ClientSampleId :

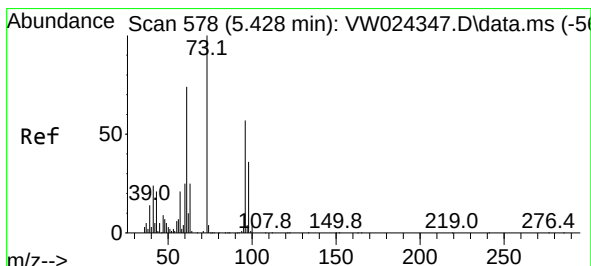
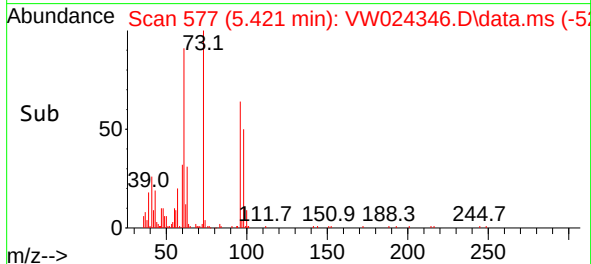
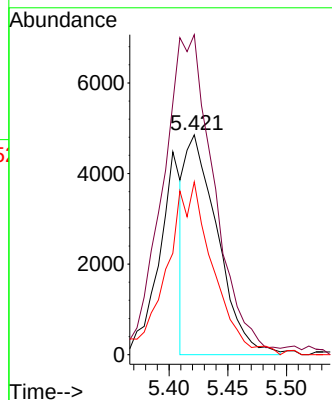
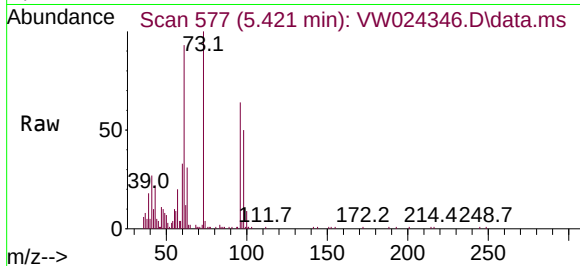
Tgt Ion: 96 Resp: 9309

Ion Ratio Lower Upper

96 100

61 145.6 92.1 171.1

98 78.6 44.7 83.1



#18

Methyl tert-butyl Ether

Concen: 4.577 ug/L

RT: 5.421 min Scan# 577

Delta R.T. -0.006 min

Lab File: VW024346.D

Acq: 26 Aug 2022 11:40

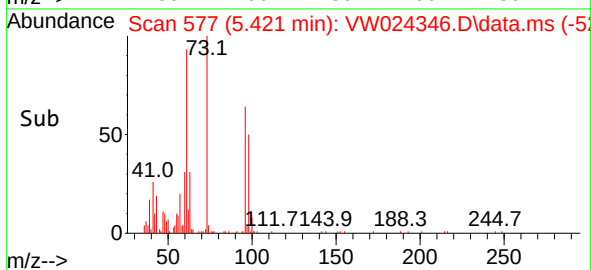
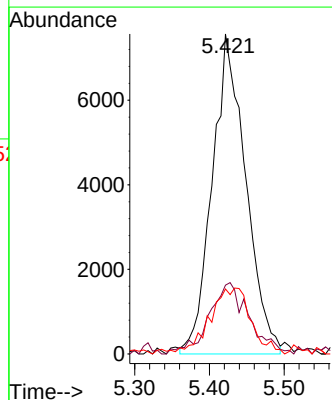
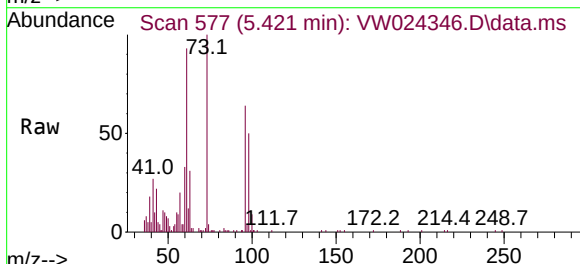
Tgt Ion: 73 Resp: 23625

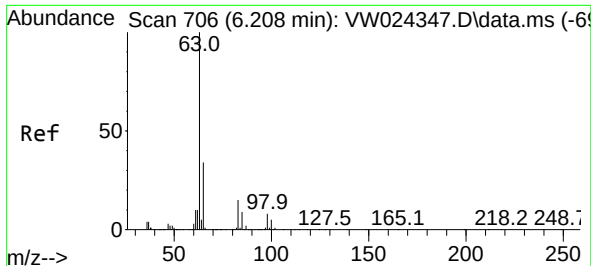
Ion Ratio Lower Upper

73 100

43 13.6 18.8 28.2#

57 12.5 18.1 27.1#





#19

1,1-Dichloroethane

Concen: 5.144 ug/L

RT: 6.214 min Scan# 706

Delta R.T. 0.006 min

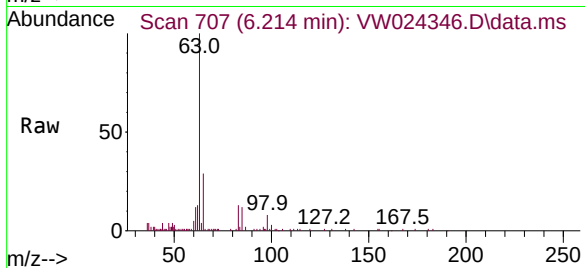
Lab File: VW024346.D

Acq: 26 Aug 2022 11:40

Instrument :

MSVOA_W

ClientSampleId :



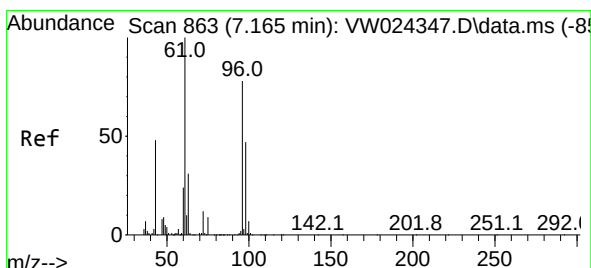
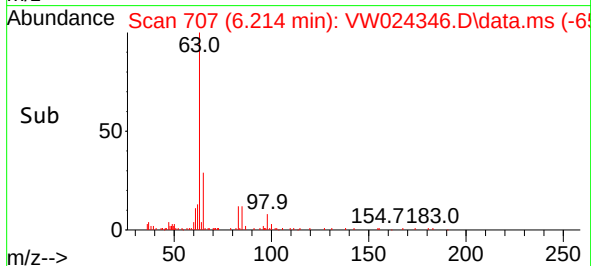
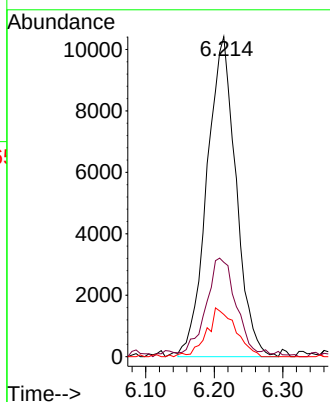
Tgt Ion: 63 Resp: 30662

Ion Ratio Lower Upper

63 100

65 29.5 23.6 43.8

83 14.8 10.4 19.4



#20

cis-1,2-Dichloroethene

Concen: 4.693 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW024346.D

Acq: 26 Aug 2022 11:40

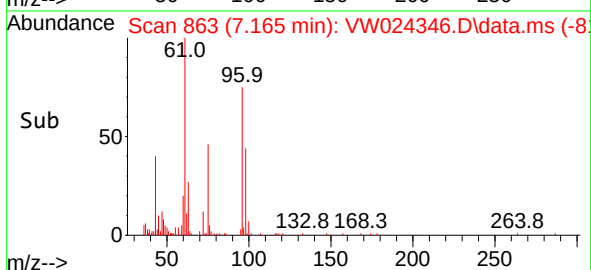
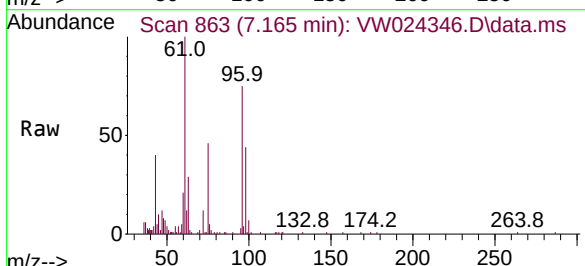
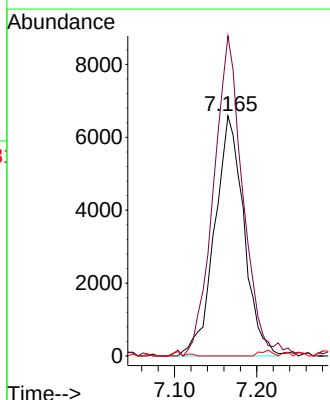
Tgt Ion: 96 Resp: 16270

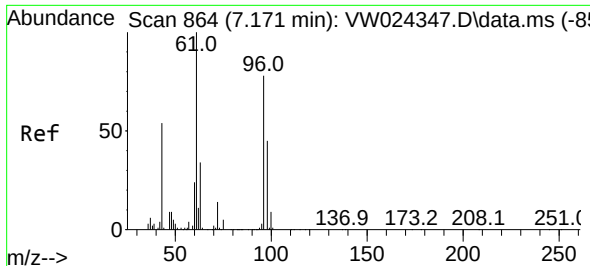
Ion Ratio Lower Upper

96 100

61 133.3 90.2 167.6

68 0.0 0.0 0.0

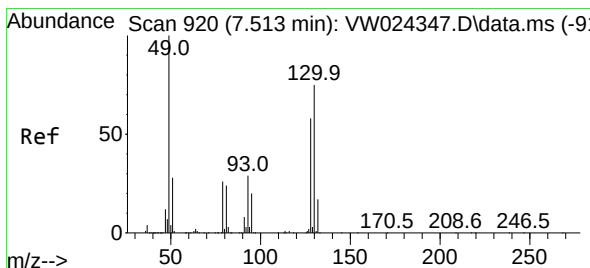
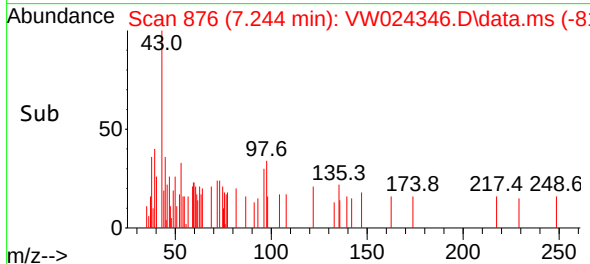
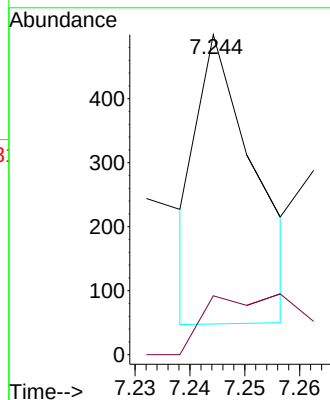
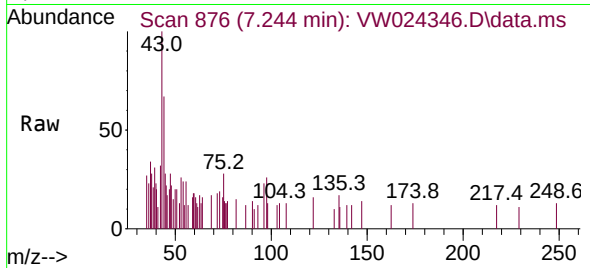




#22
2-Butanone
Concen: 0.267 ug/L
RT: 7.244 min Scan# 81
Delta R.T. 0.073 min
Lab File: VW024346.D
Acq: 26 Aug 2022 11:40

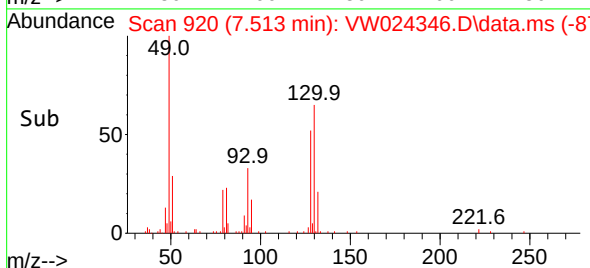
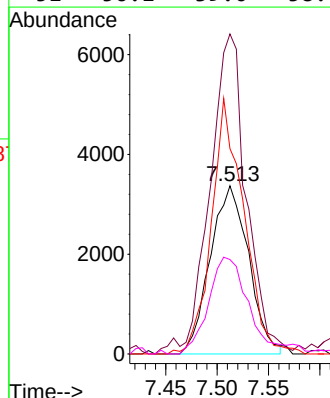
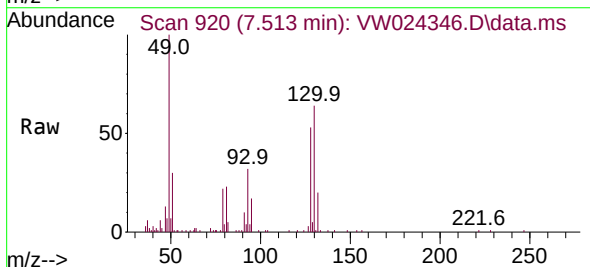
Instrument :
MSVOA_W
ClientSampleId :

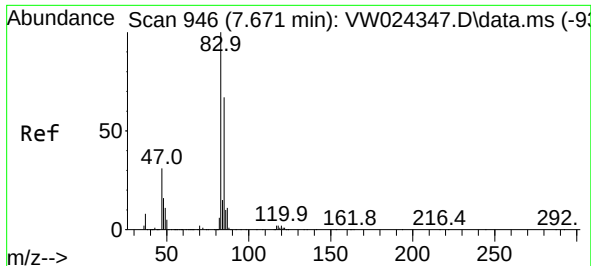
Tgt Ion: 43 Resp: 322
Ion Ratio Lower Upper
43 100
72 36.0 13.9 41.6



#23
Bromochloromethane
Concen: 5.184 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW024346.D
Acq: 26 Aug 2022 11:40

Tgt Ion: 128 Resp: 8776
Ion Ratio Lower Upper
128 100
49 190.2 122.1 226.7
130 122.0 91.1 169.1
51 56.1 39.0 58.4

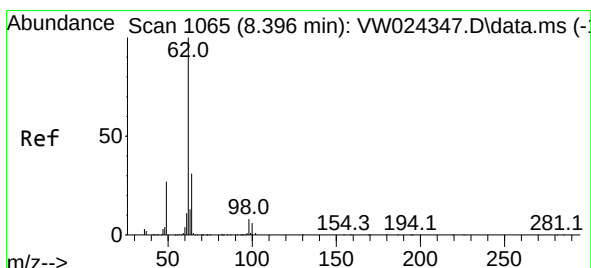
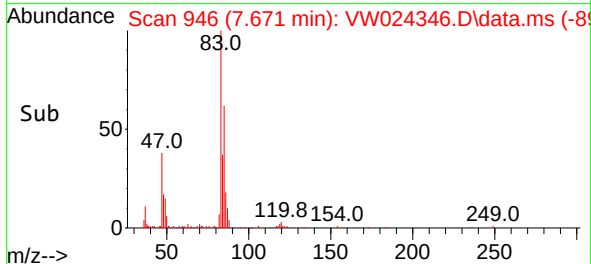
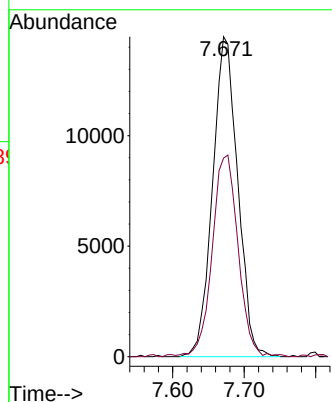
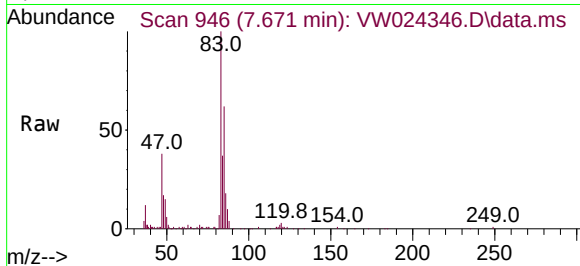




#25
Chloroform
Concen: 5.341 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024346.D
Acq: 26 Aug 2022 11:40

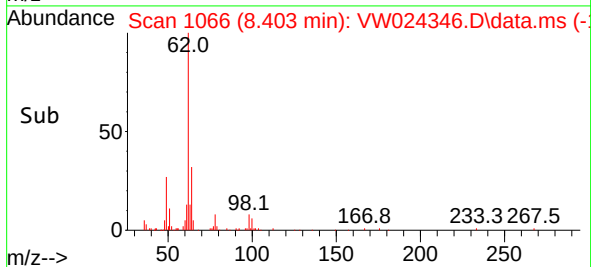
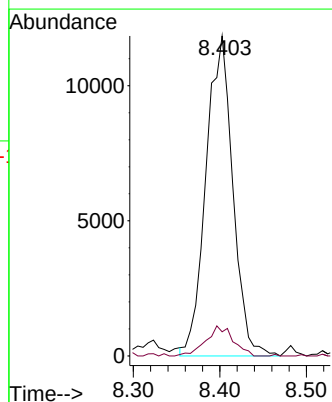
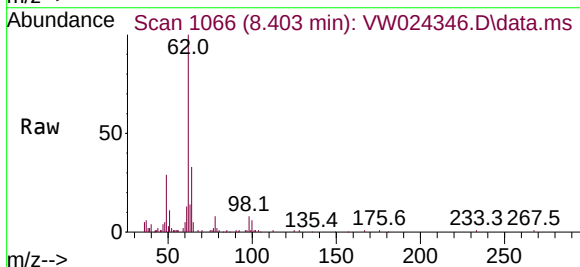
Instrument :
MSVOA_W
ClientSampleId :

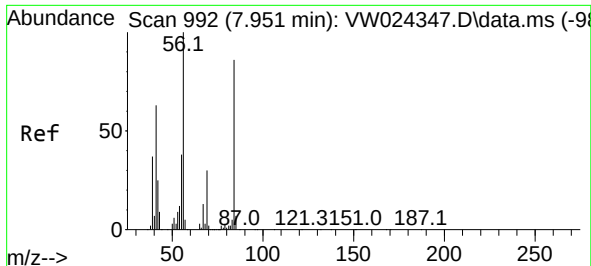
Tgt Ion: 83 Resp: 35328
Ion Ratio Lower Upper
83 100
85 62.0 47.5 88.1



#27
1,2-Dichloroethane
Concen: 5.301 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW024346.D
Acq: 26 Aug 2022 11:40

Tgt Ion: 62 Resp: 25519
Ion Ratio Lower Upper
62 100
98 7.6 6.7 10.1





#29

Cyclohexane

Concen: 4.183 ug/L

RT: 7.951 min Scan# 992

Delta R.T. 0.000 min

Lab File: VW024346.D

Acq: 26 Aug 2022 11:40

Instrument :

MSVOA_W

ClientSampleId :

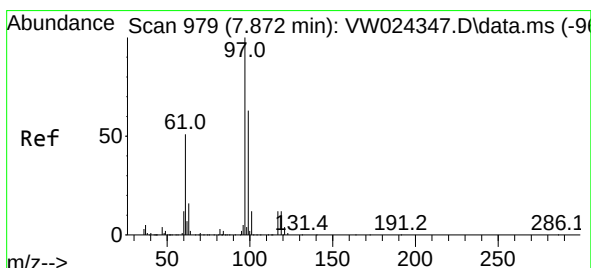
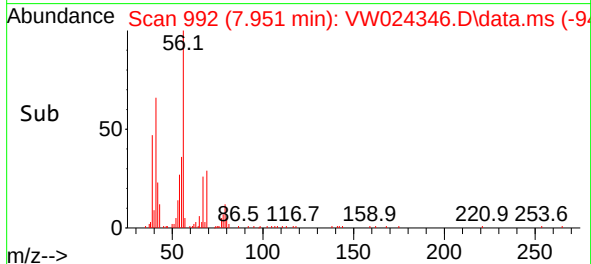
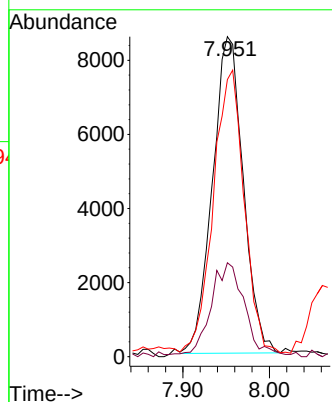
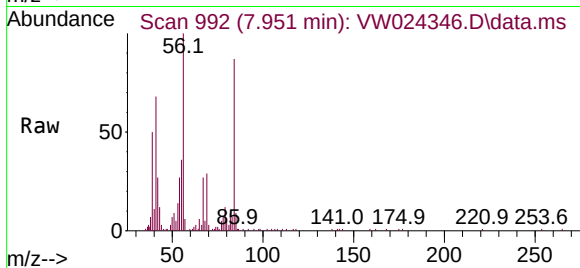
Tgt Ion: 56 Resp: 21100

Ion Ratio Lower Upper

56 100

69 31.4 23.5 35.3

84 90.3 72.2 108.4



#30

1,1,1-Trichloroethane

Concen: 5.117 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.006 min

Lab File: VW024346.D

Acq: 26 Aug 2022 11:40

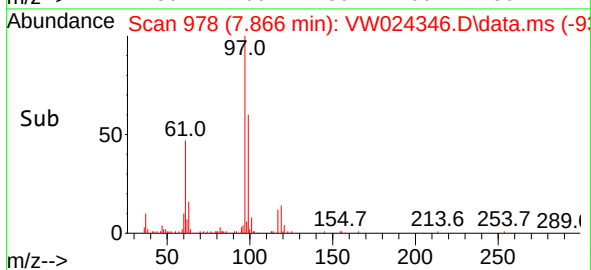
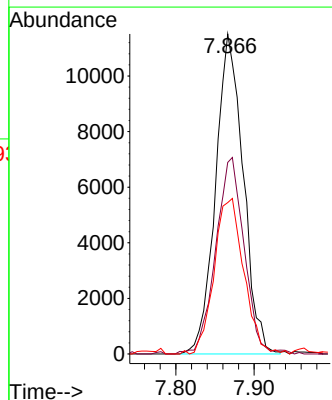
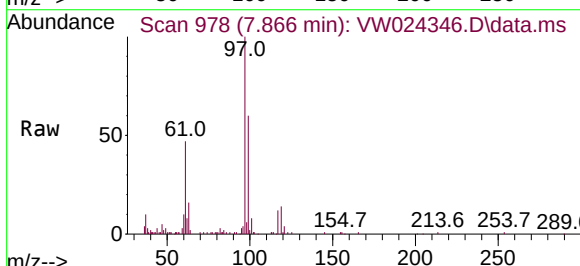
Tgt Ion: 97 Resp: 28226

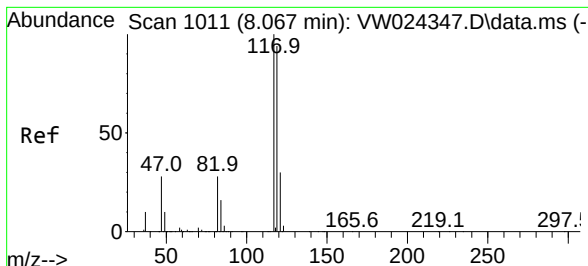
Ion Ratio Lower Upper

97 100

99 62.5 50.2 75.2

61 52.1 40.2 60.4

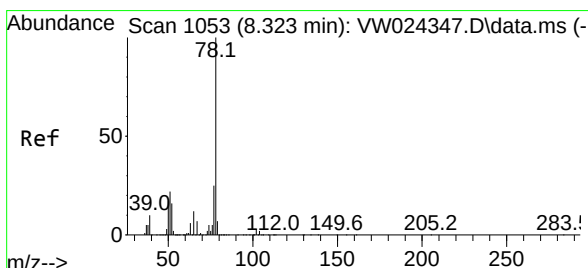
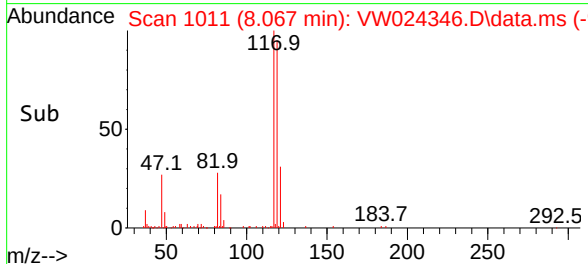
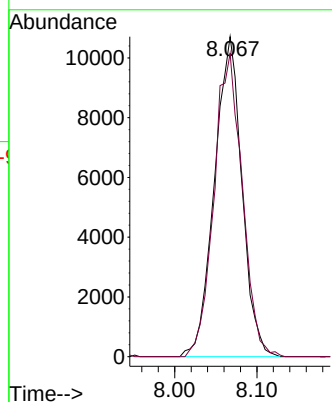
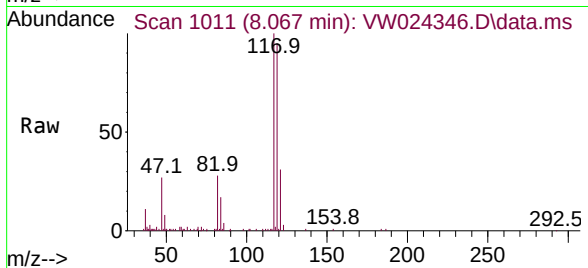




#31
Carbon tetrachloride
Concen: 4.929 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW024346.D
Acq: 26 Aug 2022 11:40

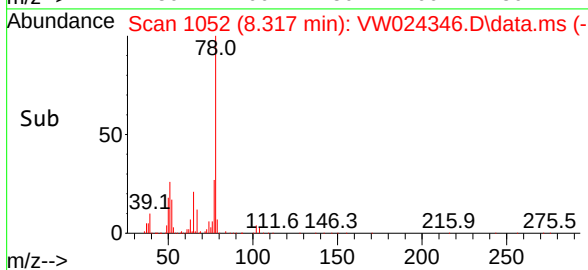
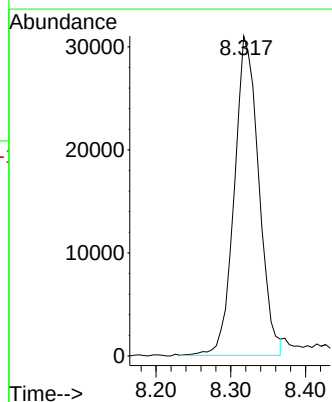
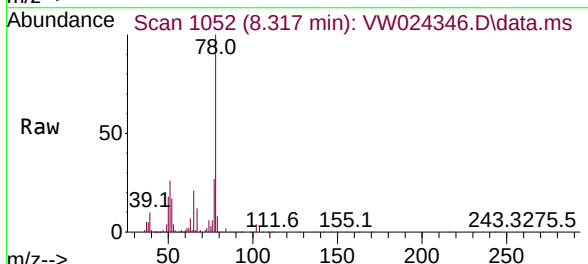
Instrument :
MSVOA_W
ClientSampleId :

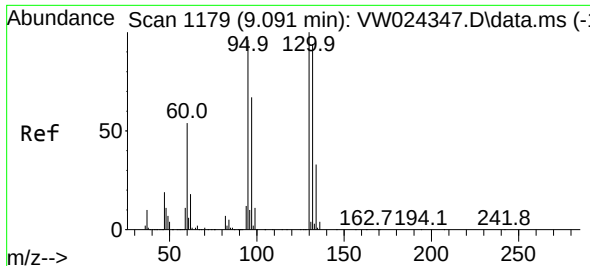
Tgt Ion:117 Resp: 24872
Ion Ratio Lower Upper
117 100
119 97.6 75.9 113.9



#33
Benzene
Concen: 4.846 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW024346.D
Acq: 26 Aug 2022 11:40

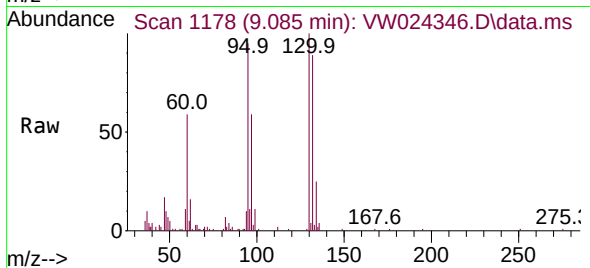
Tgt Ion: 78 Resp: 70576





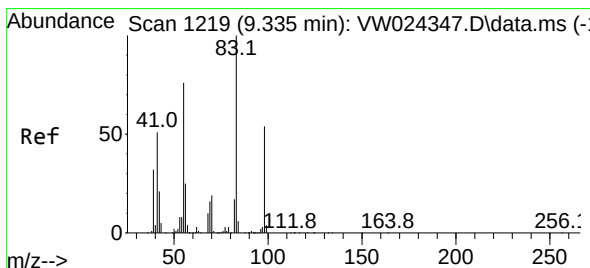
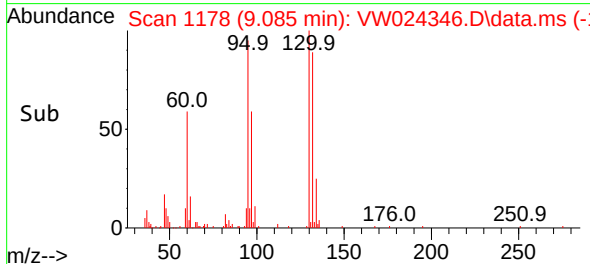
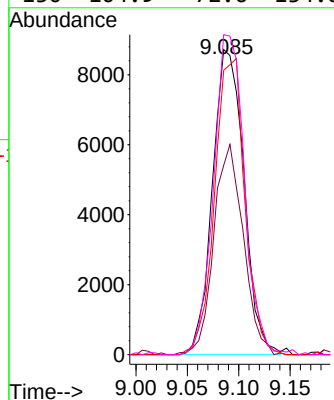
#34
 Trichloroethene
 Concen: 4.829 ug/L
 RT: 9.085 min Scan# 1178
 Delta R.T. -0.006 min
 Lab File: VW024346.D
 Acq: 26 Aug 2022 11:40

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 95 Resp: 18541

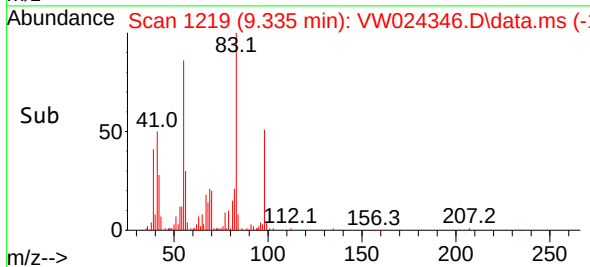
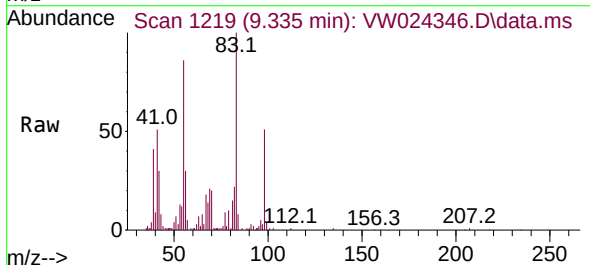
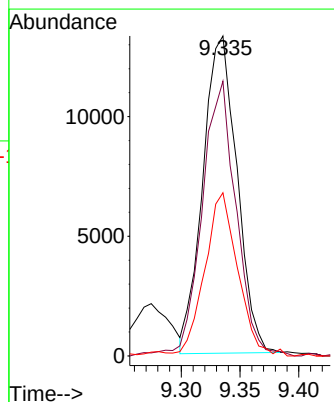
Ion	Ratio	Lower	Upper
95	100		
97	62.1	48.4	89.8
132	93.2	68.6	127.4
130	104.9	72.6	134.8

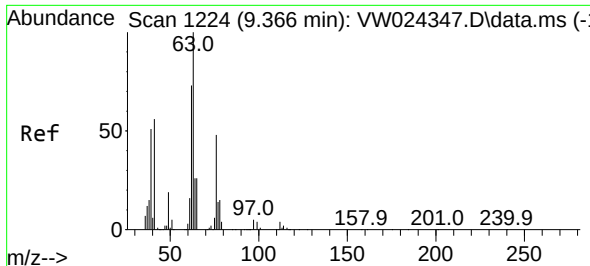


#35
 Methylcyclohexane
 Concen: 4.349 ug/L
 RT: 9.335 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: VW024346.D
 Acq: 26 Aug 2022 11:40

Tgt Ion: 83 Resp: 26791

Ion	Ratio	Lower	Upper
83	100		
55	86.7	60.1	90.1
98	49.4	40.5	60.7

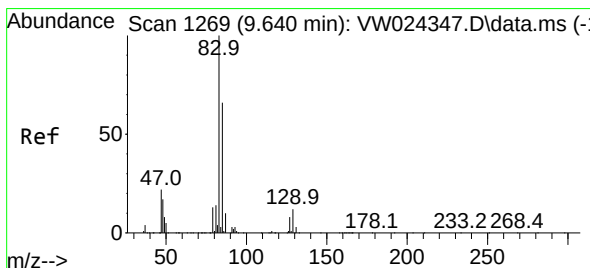
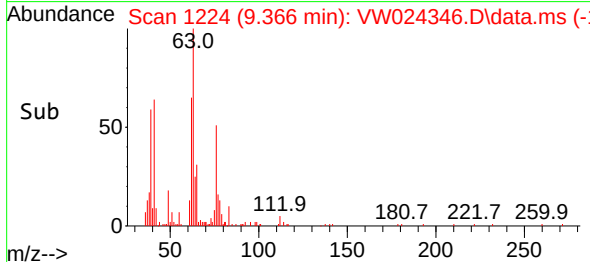
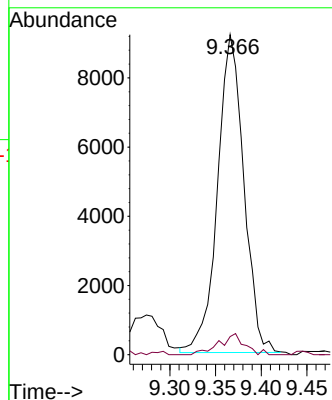
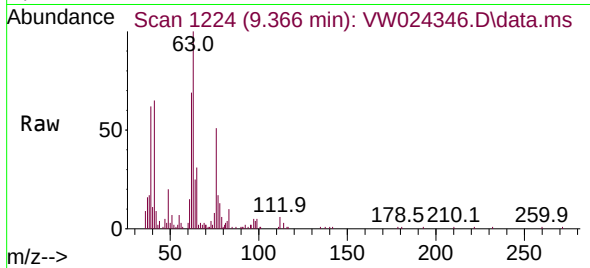




#37
1,2-Dichloropropane
Concen: 4.924 ug/L
RT: 9.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024346.D
Acq: 26 Aug 2022 11:40

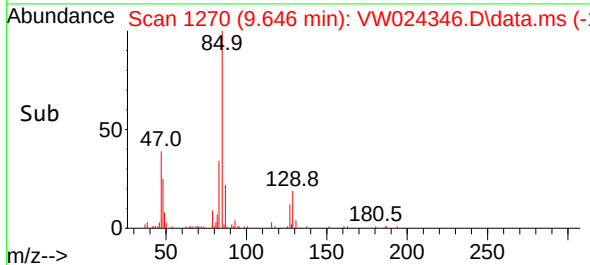
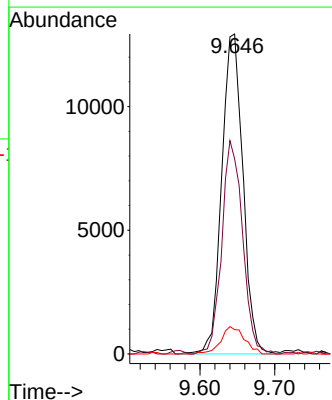
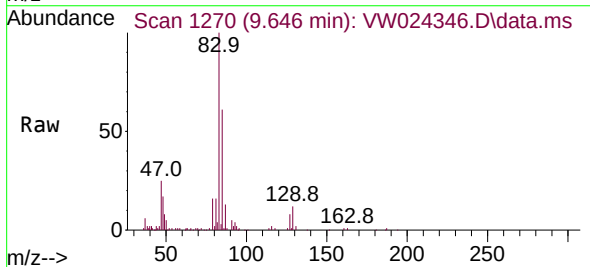
Instrument :
MSVOA_W
ClientSampleId :

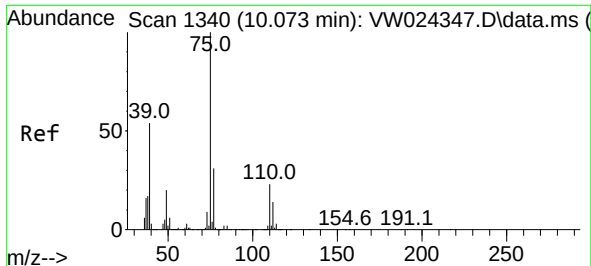
Tgt Ion: 63 Resp: 18413
Ion Ratio Lower Upper
63 100
112 5.5 3.4 5.0#



#38
Bromodichloromethane
Concen: 4.991 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW024346.D
Acq: 26 Aug 2022 11:40

Tgt Ion: 83 Resp: 25552
Ion Ratio Lower Upper
83 100
85 61.0 46.3 85.9
127 7.6 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.357 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW024346.D

Acq: 26 Aug 2022 11:40

Instrument :

MSVOA_W

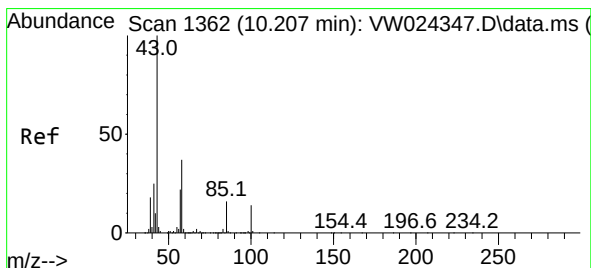
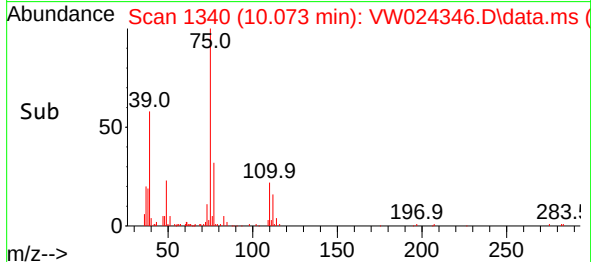
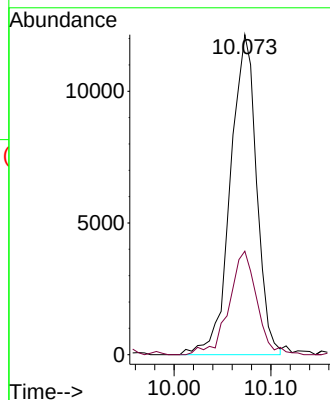
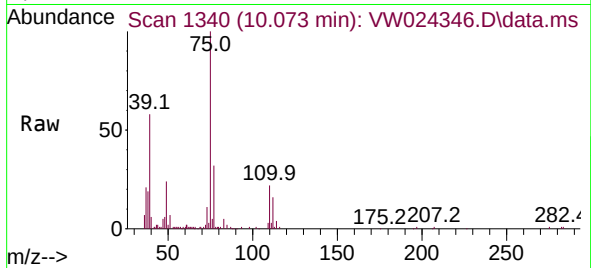
ClientSampleId :

Tgt Ion: 75 Resp: 22895

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 8.862 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024346.D

Acq: 26 Aug 2022 11:40

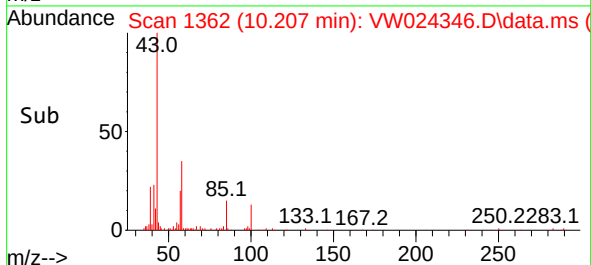
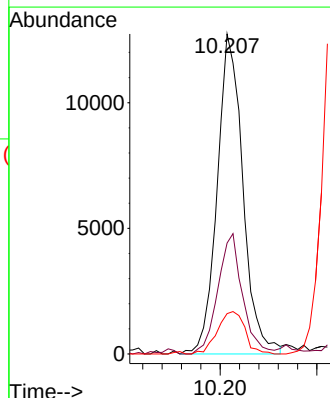
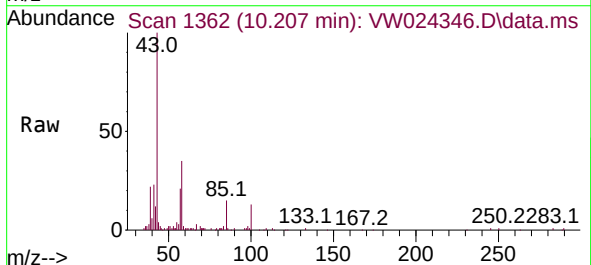
Tgt Ion: 43 Resp: 23448

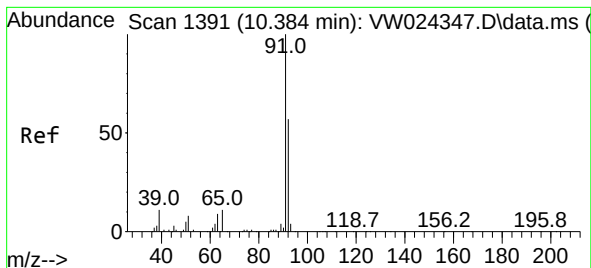
Ion Ratio Lower Upper

43 100

58 35.9 29.4 44.2

100 14.2 11.8 17.8





#42

Toluene

Concen: 4.616 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW024346.D

Acq: 26 Aug 2022 11:40

Instrument :

MSVOA_W

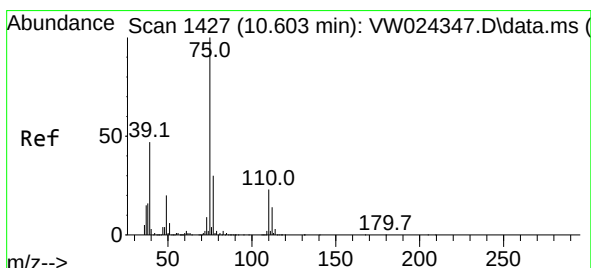
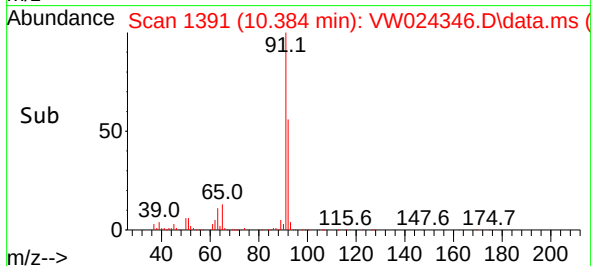
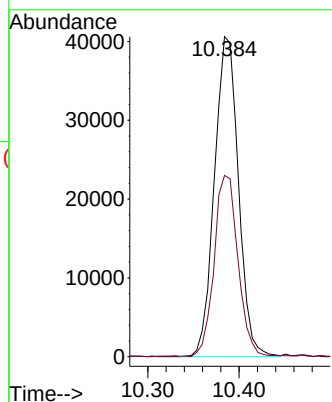
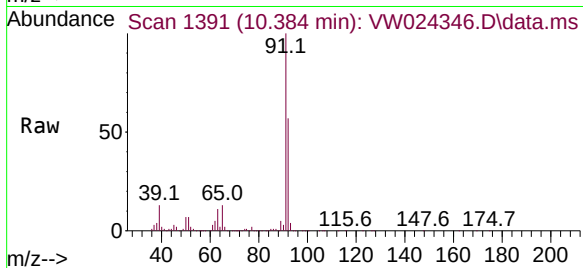
ClientSampleId :

Tgt Ion: 91 Resp: 74204

Ion Ratio Lower Upper

91 100

92 56.7 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 4.454 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW024346.D

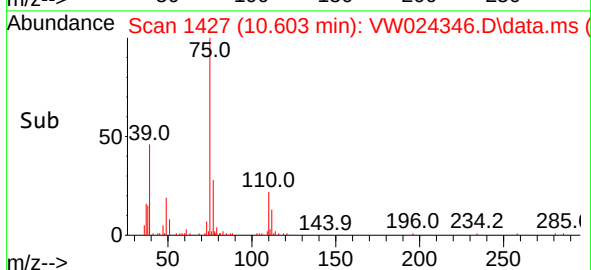
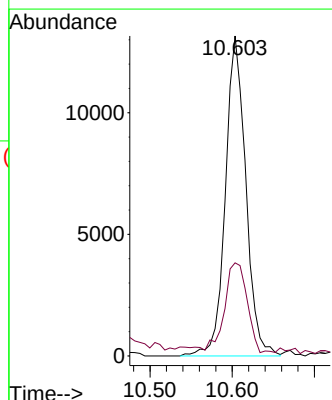
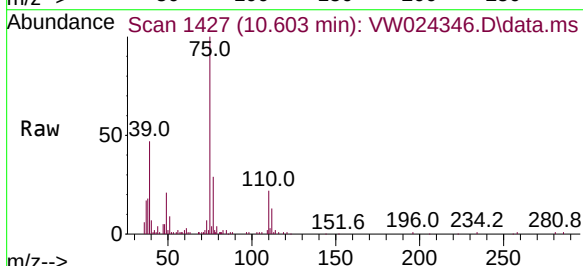
Acq: 26 Aug 2022 11:40

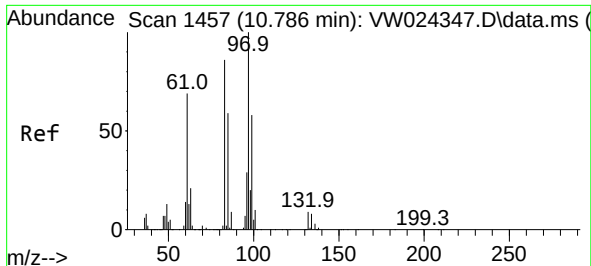
Tgt Ion: 75 Resp: 22742

Ion Ratio Lower Upper

75 100

77 29.1 21.1 39.1

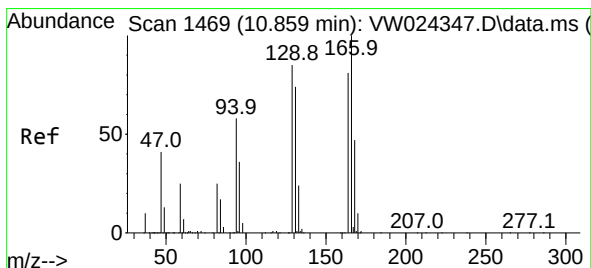
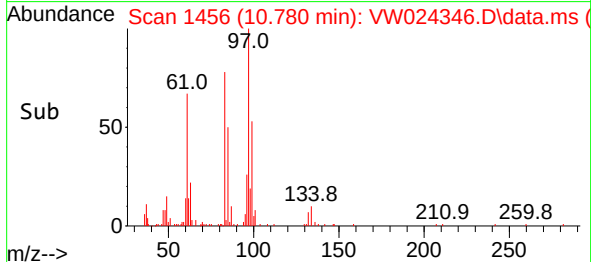
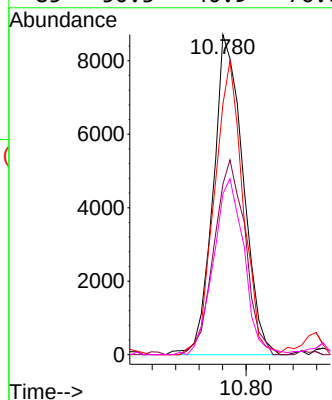
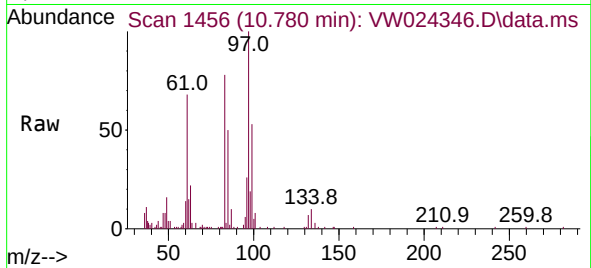




#45
1,1,2-Trichloroethane
Concen: 4.997 ug/L
RT: 10.780 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VW024346.D
Acq: 26 Aug 2022 11:40

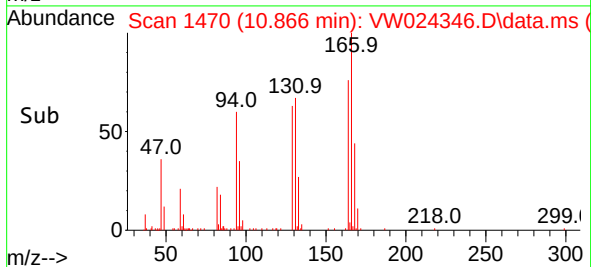
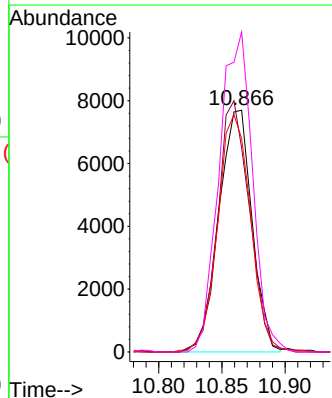
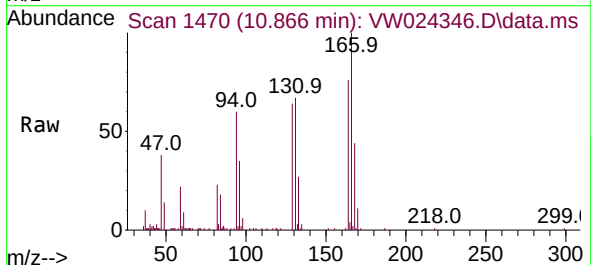
Instrument :
MSVOA_W
ClientSampleId :

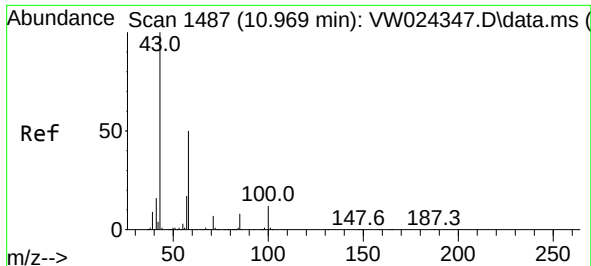
Tgt Ion:	97	Resp:	15317
Ion	Ratio	Lower	Upper
97	100		
99	53.3	40.4	75.0
83	78.3	60.1	111.5
85	50.3	40.9	76.0



#46
Tetrachloroethene
Concen: 4.736 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW024346.D
Acq: 26 Aug 2022 11:40

Tgt Ion:	164	Resp:	14122
Ion	Ratio	Lower	Upper
164	100		
129	84.4	72.9	135.3
131	88.3	63.7	118.3
166	132.4	86.2	160.0

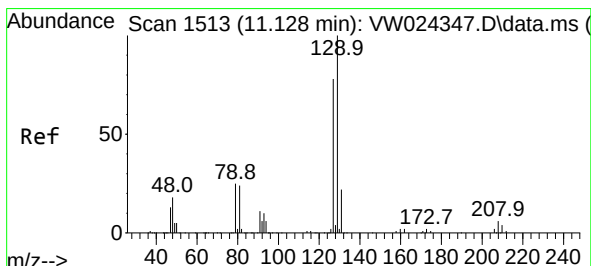
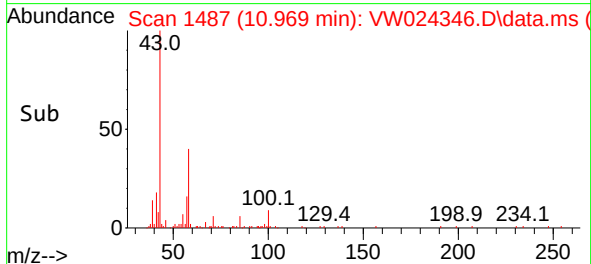
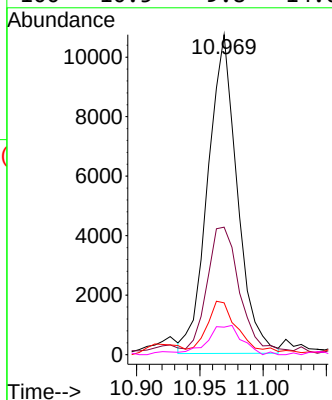
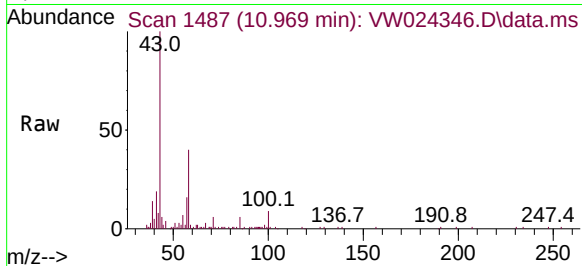




#48
2-Hexanone
Concen: 8.792 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024346.D
Acq: 26 Aug 2022 11:40

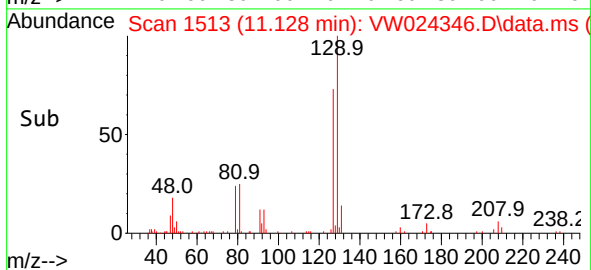
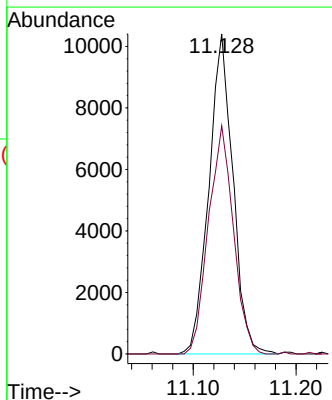
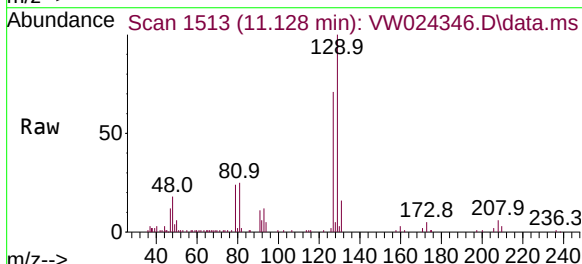
Instrument :
MSVOA_W
ClientSampleId :

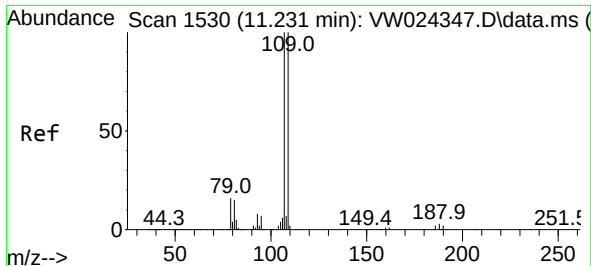
Tgt Ion:	43	Resp:	17331
Ion	Ratio	Lower	Upper
43	100		
58	45.7	40.6	61.0
57	17.4	14.2	21.2
100	10.5	9.8	14.6



#49
Dibromochloromethane
Concen: 4.659 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024346.D
Acq: 26 Aug 2022 11:40

Tgt Ion:	129	Resp:	16894
Ion	Ratio	Lower	Upper
129	100		
127	71.3	54.6	101.4

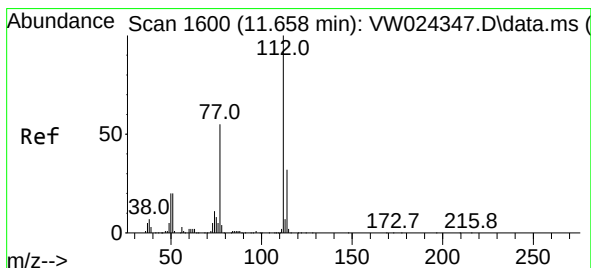
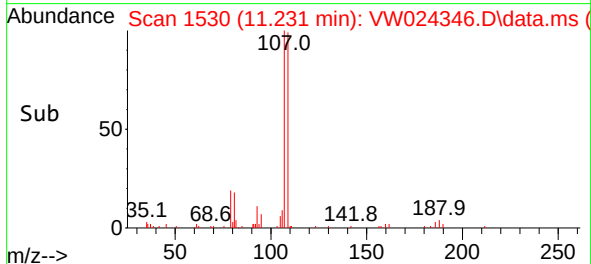
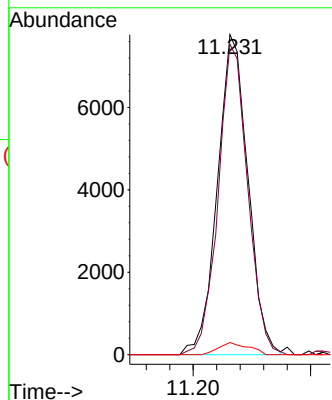
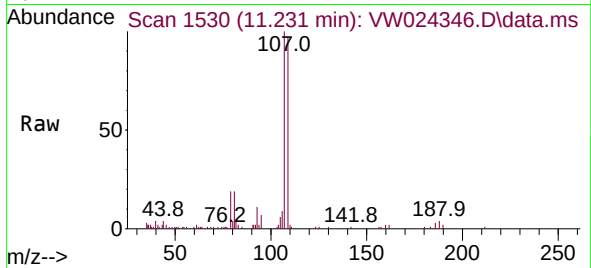




#50
1,2-Dibromoethane
Concen: 4.750 ug/L
RT: 11.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW024346.D
Acq: 26 Aug 2022 11:40

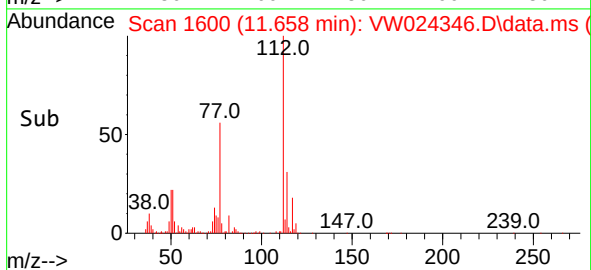
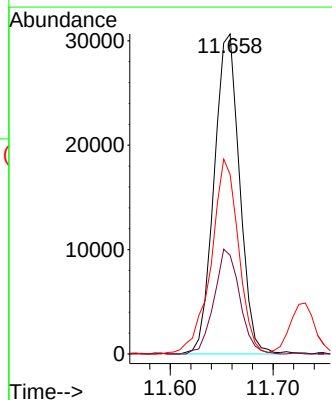
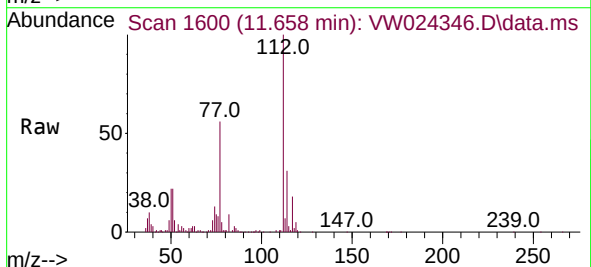
Instrument :
MSVOA_W
ClientSampleId :

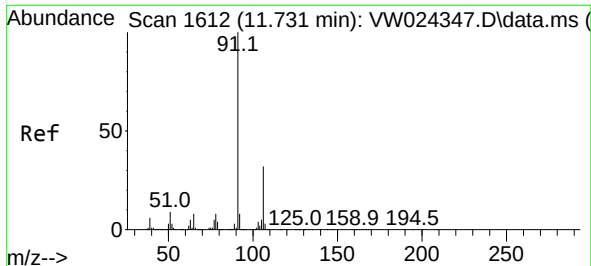
Tgt Ion:107 Resp: 14000
Ion Ratio Lower Upper
107 100
109 97.0 70.1 130.1
188 3.8 2.6 3.8



#51
Chlorobenzene
Concen: 4.889 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW024346.D
Acq: 26 Aug 2022 11:40

Tgt Ion:112 Resp: 52749
Ion Ratio Lower Upper
112 100
114 30.8 22.3 41.3
77 56.1 44.1 66.1

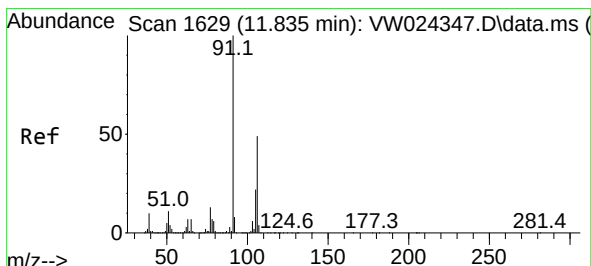
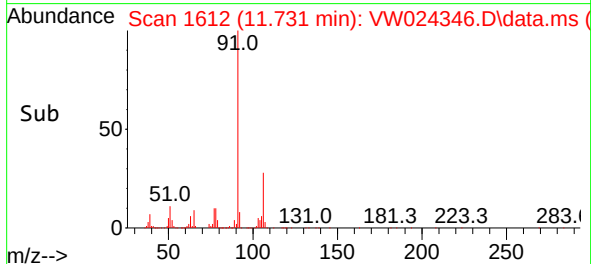
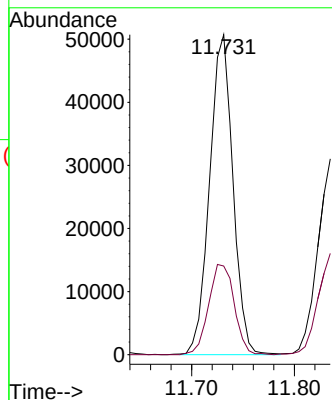
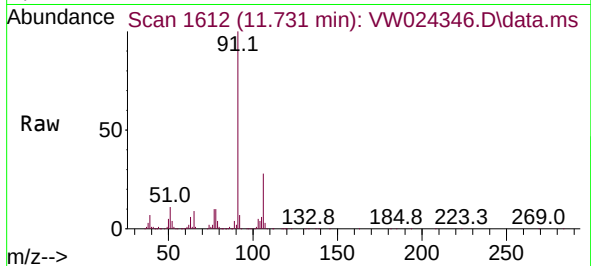




#52
Ethylbenzene
Concen: 4.503 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW024346.D
Acq: 26 Aug 2022 11:40

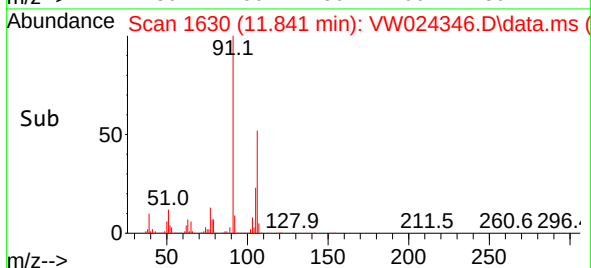
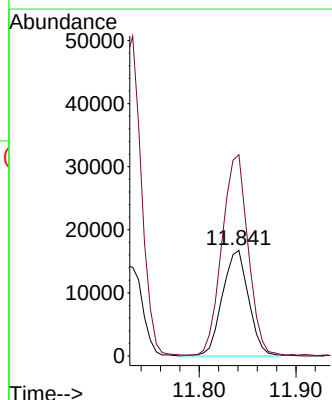
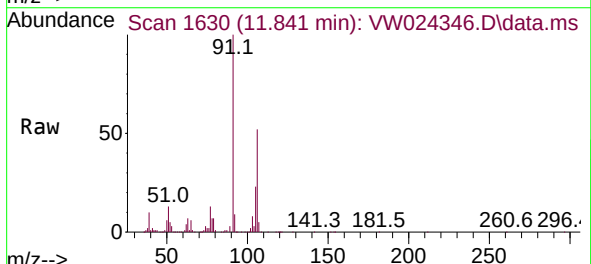
Instrument :
MSVOA_W
ClientSampleId :

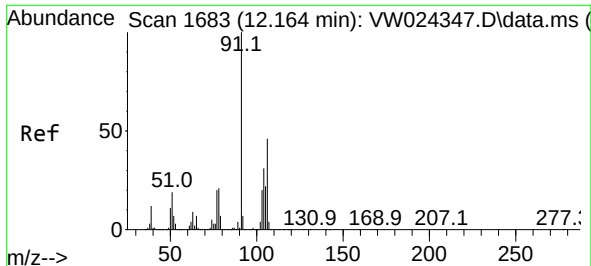
Tgt Ion: 91 Resp: 80025
Ion Ratio Lower Upper
91 100
106 27.7 22.7 42.3



#53
m,p-Xylene
Concen: 4.517 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW024346.D
Acq: 26 Aug 2022 11:40

Tgt Ion: 106 Resp: 31528
Ion Ratio Lower Upper
106 100
91 190.6 144.3 267.9

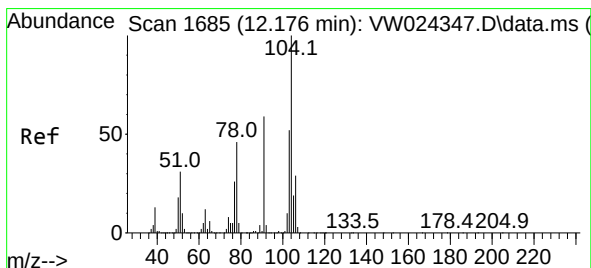
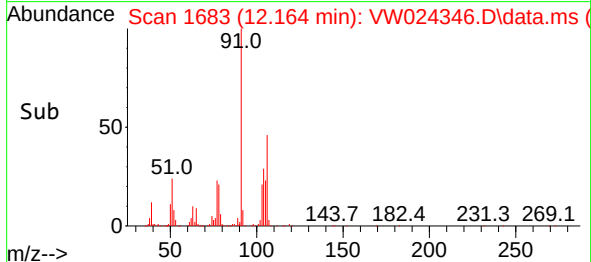
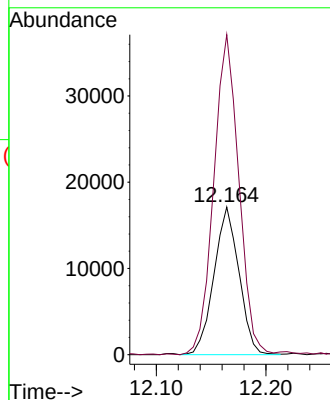
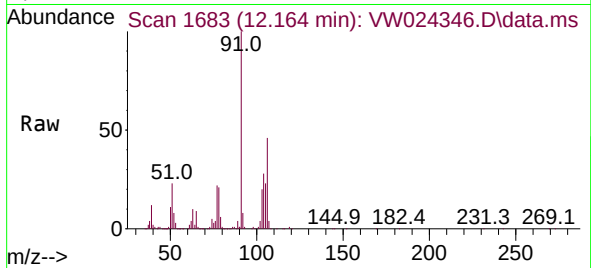




#54
o-Xylene
Concen: 4.159 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW024346.D
Acq: 26 Aug 2022 11:40

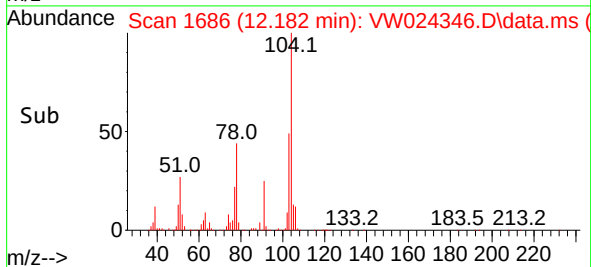
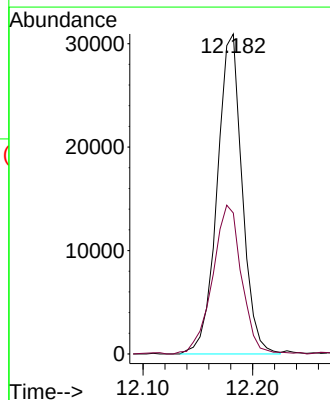
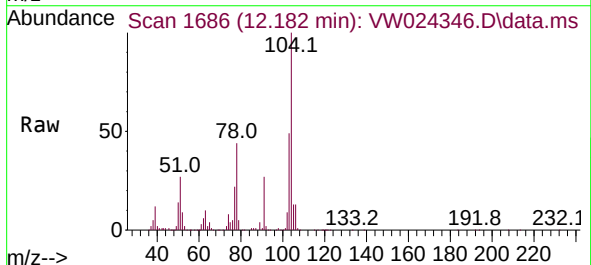
Instrument :
MSVOA_W
ClientSampleId :

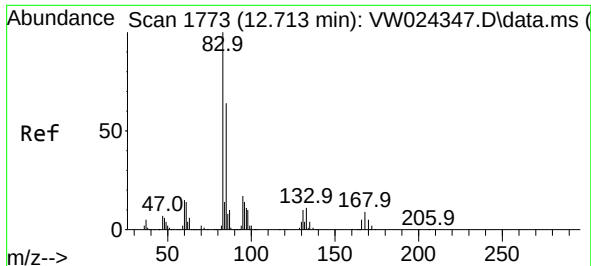
Tgt Ion:106 Resp: 27139
Ion Ratio Lower Upper
106 100
91 216.6 152.1 282.5



#55
Styrene
Concen: 4.248 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW024346.D
Acq: 26 Aug 2022 11:40

Tgt Ion:104 Resp: 48997
Ion Ratio Lower Upper
104 100
78 44.1 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 4.747 ug/L

RT: 12.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024346.D

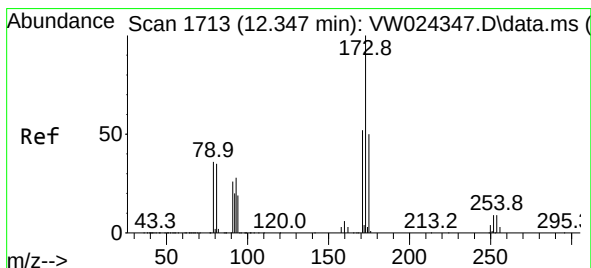
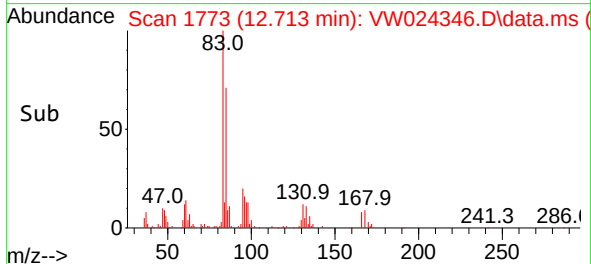
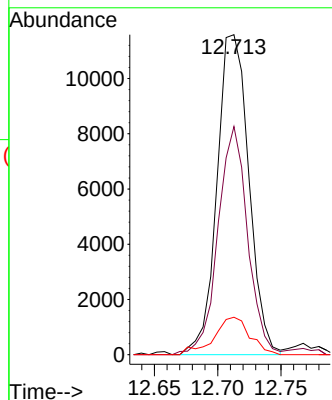
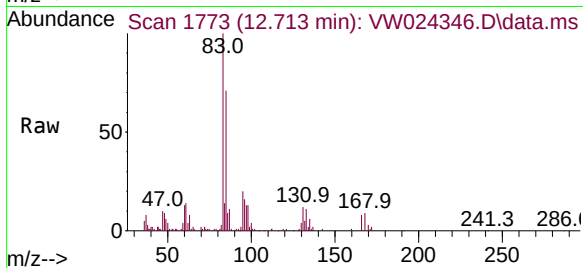
Acq: 26 Aug 2022 11:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	20313
Ion	Ratio	Lower	Upper
83	100		
85	71.3	44.4	82.5
131	11.7	8.4	12.6



#59

Bromoform

Concen: 4.502 ug/L

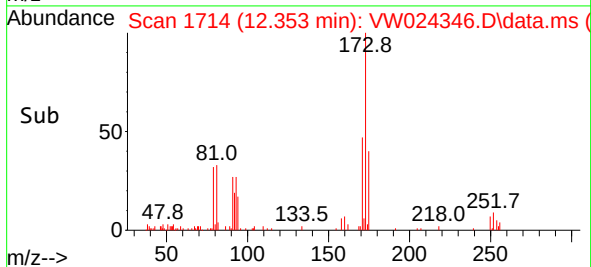
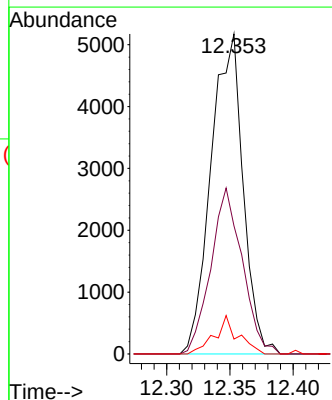
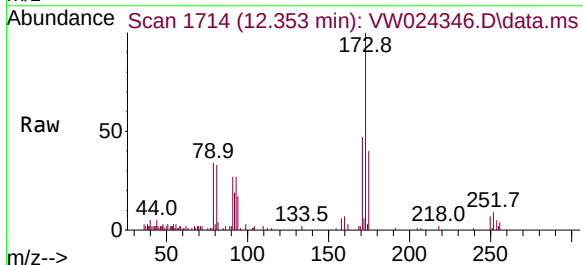
RT: 12.353 min Scan# 1714

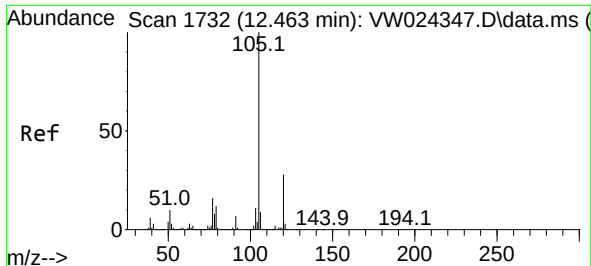
Delta R.T. 0.006 min

Lab File: VW024346.D

Acq: 26 Aug 2022 11:40

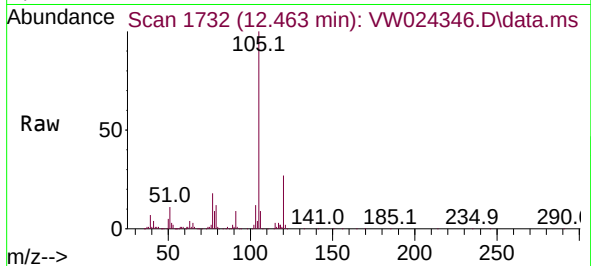
Tgt Ion:	173	Resp:	9111
Ion	Ratio	Lower	Upper
173	100		
175	51.0	39.8	59.6
254	8.7	6.8	10.2



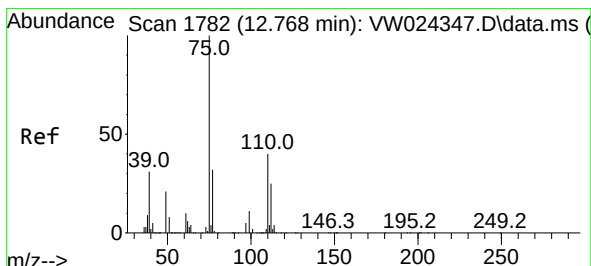
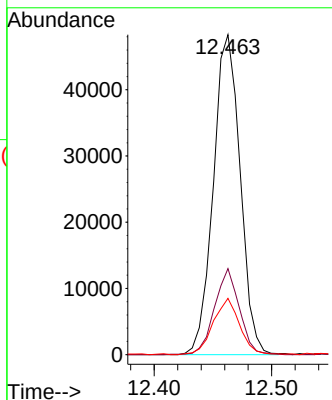
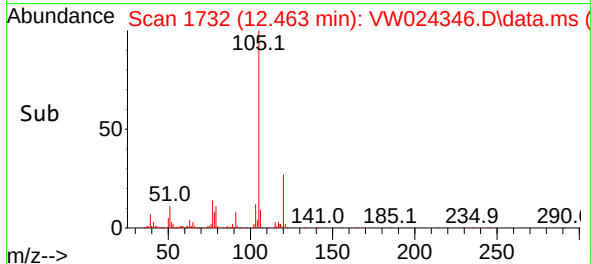


#60
Isopropylbenzene
Concen: 4.584 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW024346.D
Acq: 26 Aug 2022 11:40

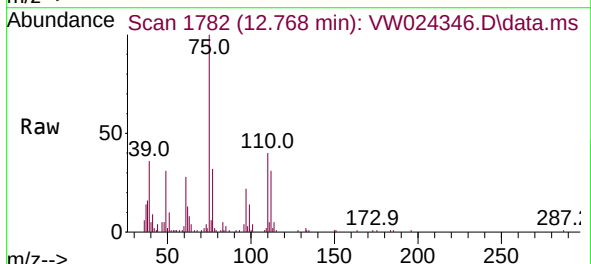
Instrument :
MSVOA_W
ClientSampleId :



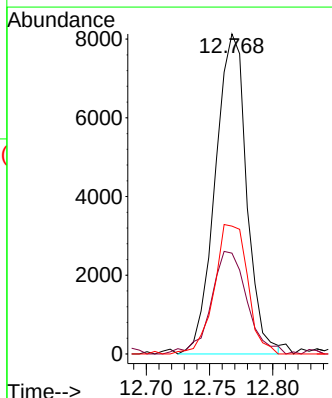
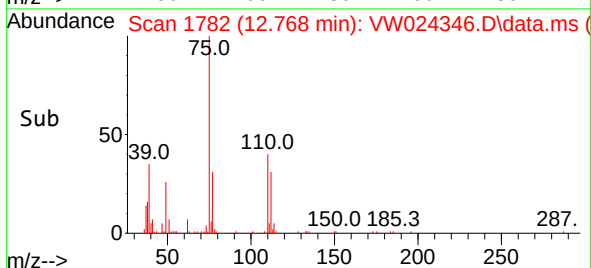
Tgt Ion:105 Resp: 76775
Ion Ratio Lower Upper
105 100
120 24.8 21.4 32.0
77 17.3 13.0 19.6

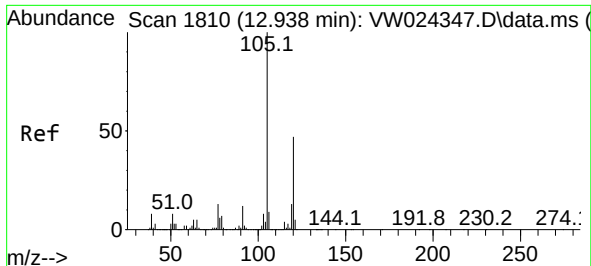


#61
1,2,3-Trichloropropane
Concen: 4.901 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW024346.D
Acq: 26 Aug 2022 11:40



Tgt Ion: 75 Resp: 14025
Ion Ratio Lower Upper
75 100
77 35.9 26.5 39.7
110 42.9 33.8 50.8





#62

1,3,5-Trimethylbenzene

Concen: 4.024 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024346.D

Acq: 26 Aug 2022 11:40

Instrument :

MSVOA_W

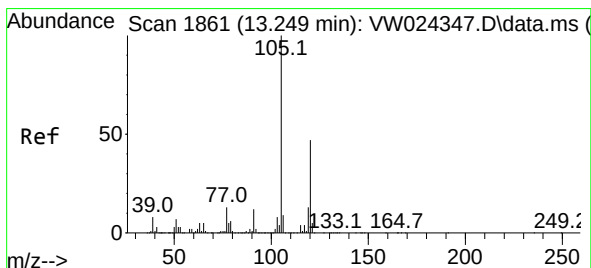
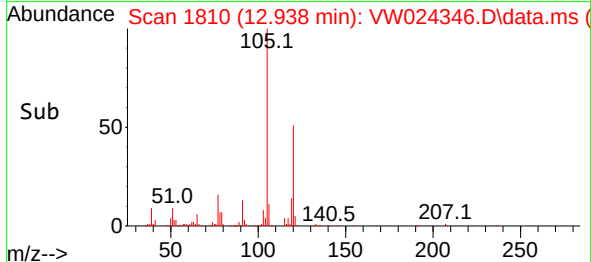
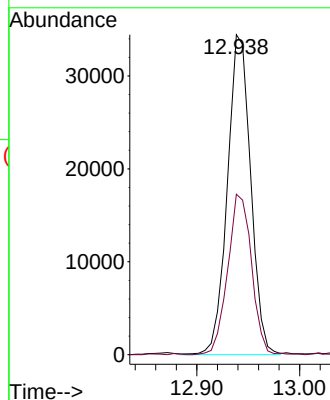
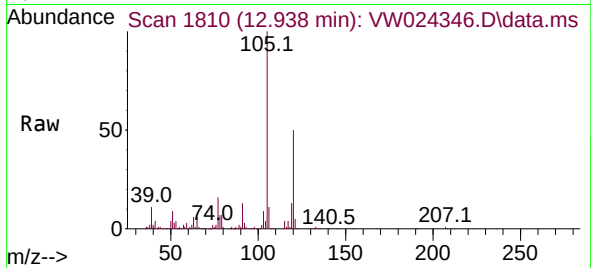
ClientSampleId :

Tgt Ion:105 Resp: 54341

Ion Ratio Lower Upper

105 100

120 51.1 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 4.158 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW024346.D

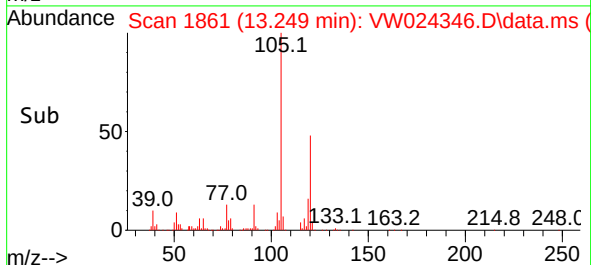
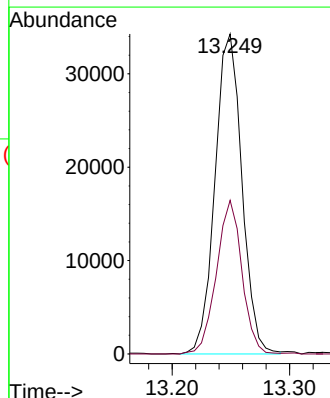
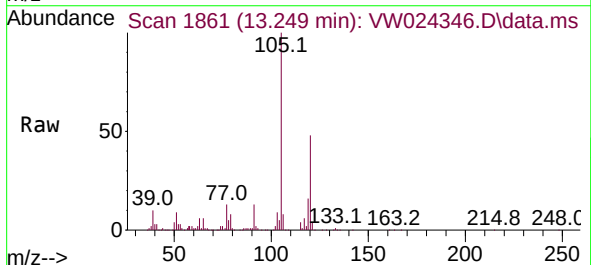
Acq: 26 Aug 2022 11:40

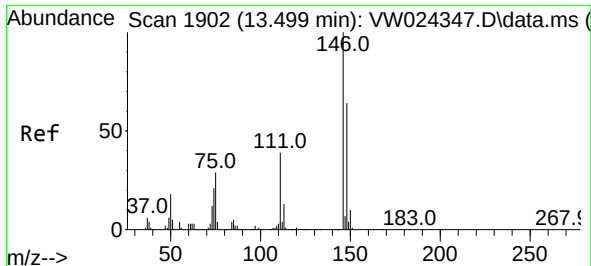
Tgt Ion:105 Resp: 54540

Ion Ratio Lower Upper

105 100

120 45.4 36.2 54.2

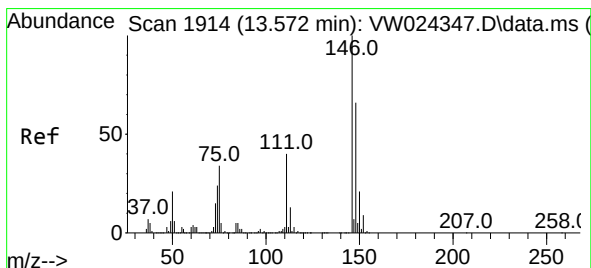
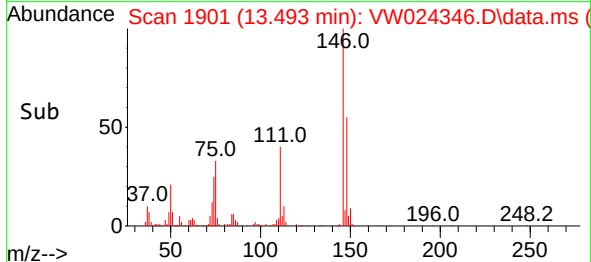
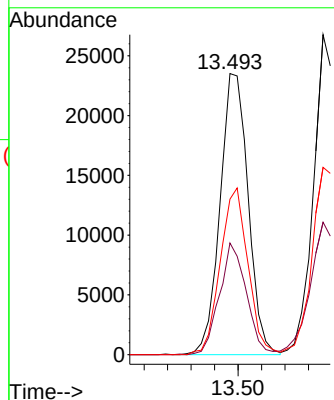
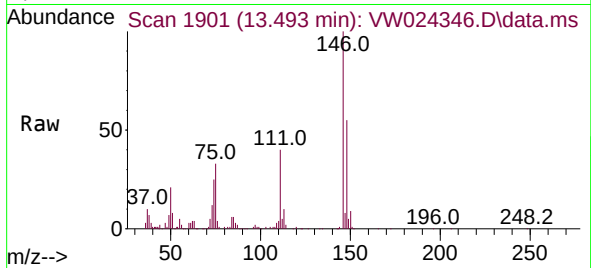




#64
1,3-Dichlorobenzene
Concen: 4.883 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW024346.D
Acq: 26 Aug 2022 11:40

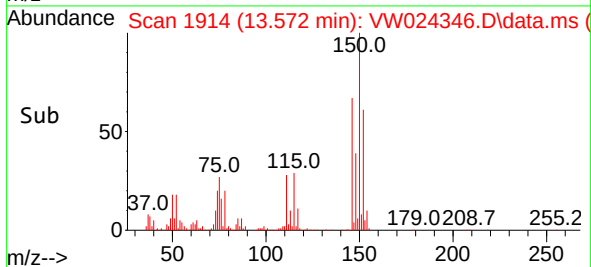
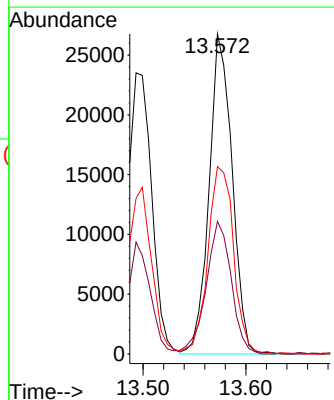
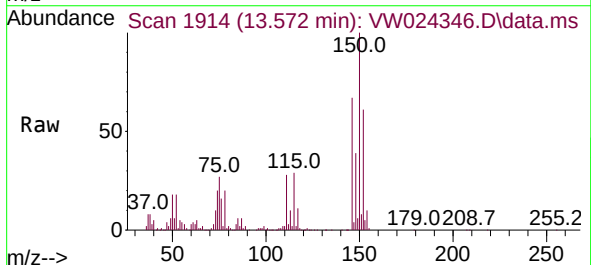
Instrument :
MSVOA_W
ClientSampleId :

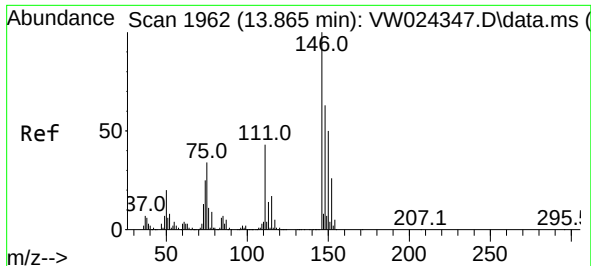
Tgt Ion:146 Resp: 39100
Ion Ratio Lower Upper
146 100
111 39.8 27.0 50.2
148 55.3 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 4.933 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024346.D
Acq: 26 Aug 2022 11:40

Tgt Ion:146 Resp: 41703
Ion Ratio Lower Upper
146 100
111 41.4 27.7 51.5
148 58.6 46.5 86.5





#67

1,2-Dichlorobenzene

Concen: 4.765 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024346.D

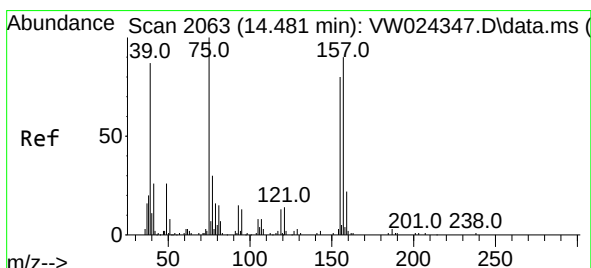
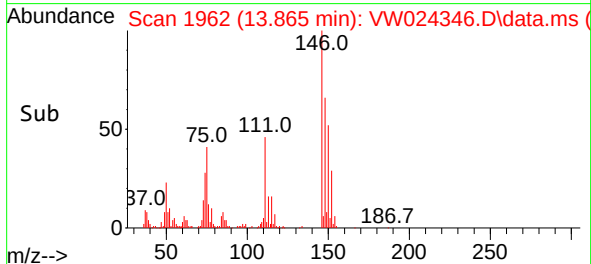
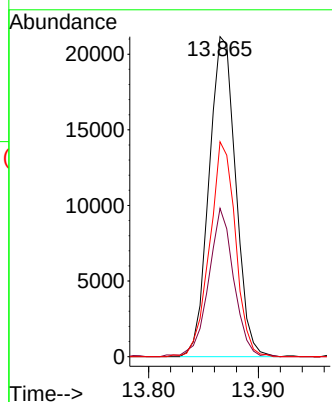
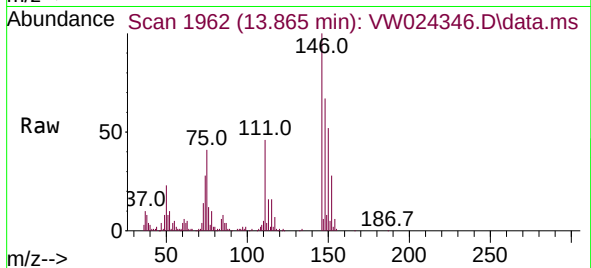
Acq: 26 Aug 2022 11:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	146	Resp:	35768
Ion	Ratio	Lower	Upper
146	100		
111	46.3	34.5	51.7
148	67.2	50.6	75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.675 ug/L

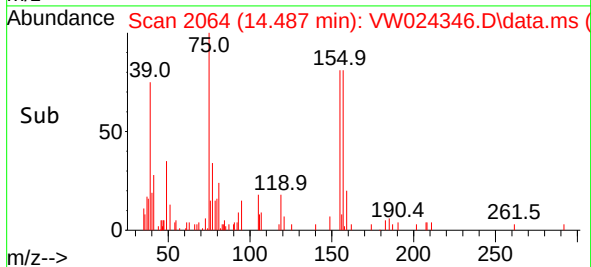
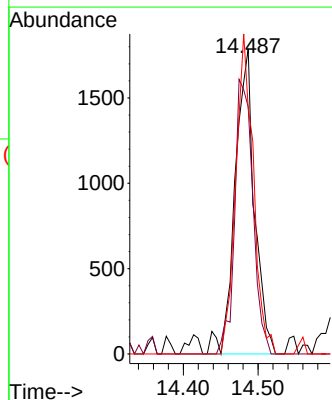
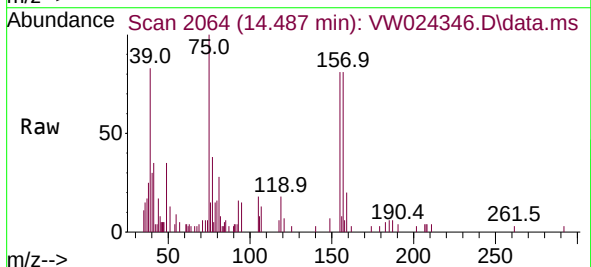
RT: 14.487 min Scan# 2064

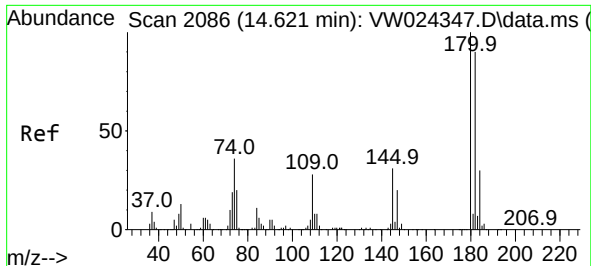
Delta R.T. 0.006 min

Lab File: VW024346.D

Acq: 26 Aug 2022 11:40

Tgt Ion:	75	Resp:	3349
Ion	Ratio	Lower	Upper
75	100		
155	81.0	63.9	95.9
157	80.6	72.2	108.4

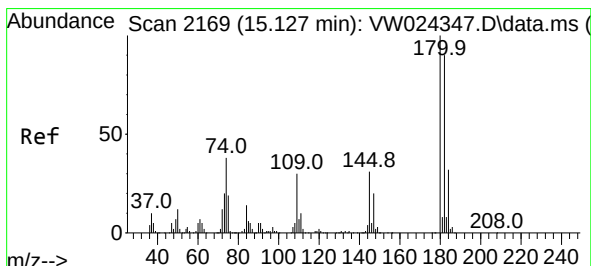
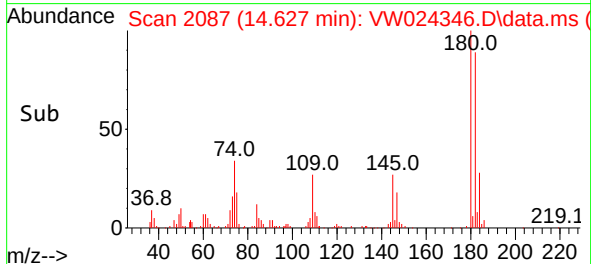
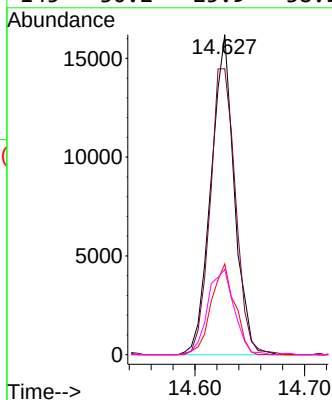
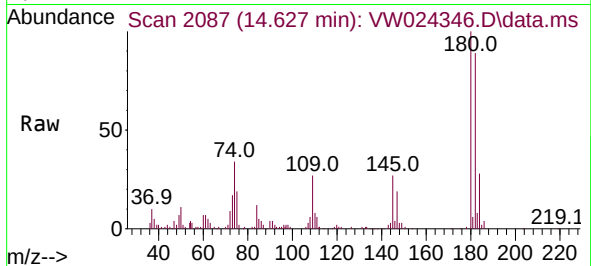




#69
 1,3,5-Trichlorobenzene
 Concen: 4.631 ug/L
 RT: 14.627 min Scan# 2086
 Delta R.T. 0.006 min
 Lab File: VW024346.D
 Acq: 26 Aug 2022 11:40

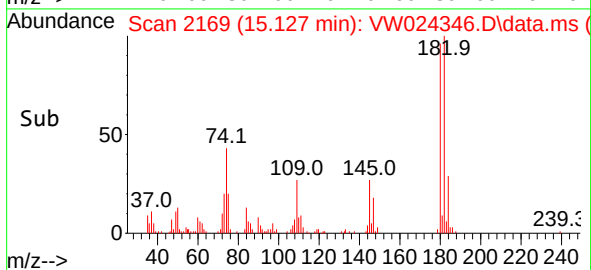
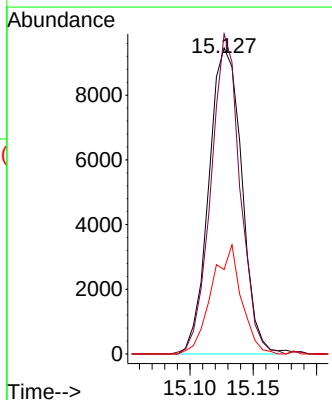
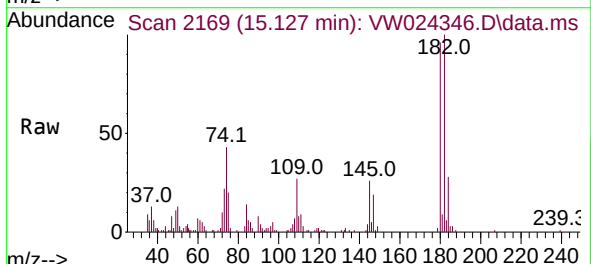
Instrument :
 MSVOA_W
 ClientSampleId :

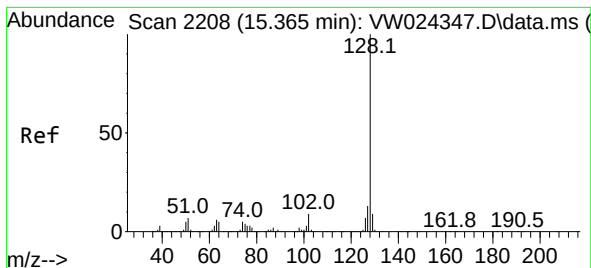
Tgt Ion:180	Resp:	23936
Ion Ratio	Lower	Upper
180	100	
182	97.5	76.6 114.8
184	28.7	24.5 36.7
145	30.2	25.9 38.9



#70
 1,2,4-trichlorobenzene
 Concen: 4.257 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW024346.D
 Acq: 26 Aug 2022 11:40

Tgt Ion:180	Resp:	17102
Ion Ratio	Lower	Upper
180	100	
182	93.0	72.6 109.0
145	32.2	26.2 39.2





#71

Naphthalene

Concen: 3.714 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VW024346.D

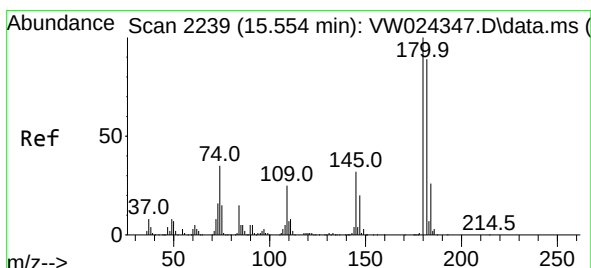
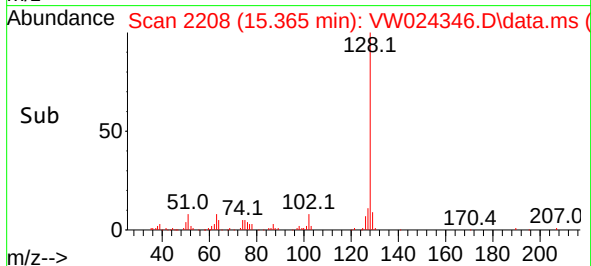
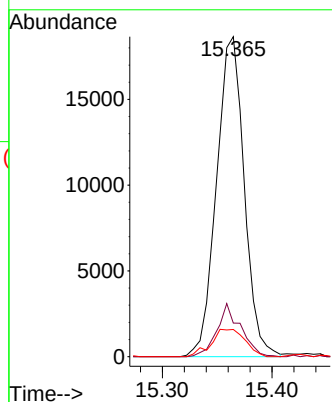
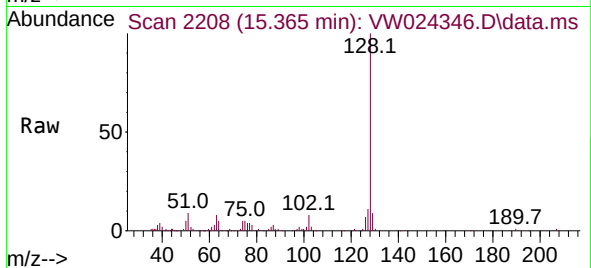
Acq: 26 Aug 2022 11:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128	Resp:	32771
Ion Ratio	Lower	Upper
128	100	
127	14.2	10.5 15.7
129	10.5	8.3 12.5



#72

1,2,3-Trichlorobenzene

Concen: 4.400 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW024346.D

Acq: 26 Aug 2022 11:40

Tgt Ion:180	Resp:	16706
Ion Ratio	Lower	Upper
180	100	
182	86.0	74.6 111.8
145	34.4	26.6 40.0

