

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024348.D
 Acq On : 26 Aug 2022 12:29
 Operator : SY/VA
 Sample : VSTD05022
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 26 23:56:05 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	8.841	114	306854	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	315131	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	188656	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	398128	47.067	ug/L	0.00
7) Chloroethane-d5	2.867	69	313462	50.055	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	345582	48.185	ug/L	0.00
21) 2-Butanone-d5	7.073	46	167042	111.135	ug/L	0.00
24) Chloroform-d	7.647	84	476757	48.328	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	299440	50.052	ug/L	0.00
32) Benzene-d6	8.274	84	937705	51.934	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	297219	52.932	ug/L	0.00
41) Toluene-d8	10.323	98	922084	53.713	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	143317	54.356	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	160358	128.096	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	345360	54.324	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	369056	51.948	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	161502	51.226	ug/L	97
3) Chloromethane	2.208	50	270766	47.081	ug/L	100
5) Vinyl chloride	2.349	62	466041	46.428	ug/L	99
6) Bromomethane	2.757	94	311148	44.162	ug/L	99
8) Chloroethane	2.904	64	252338	47.572	ug/L	99
9) Trichlorofluoromethane	3.245	101	219270	46.457	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	202713	44.936	ug/L	97
12) 1,1-Dichloroethene	4.031	96	175222	47.806	ug/L	97
13) Acetone	4.123	43	79866	84.837	ug/L	99
14) Carbon disulfide	4.373	76	566045	46.469	ug/L	99
15) Methyl Acetate	4.671	43	109663	48.357	ug/L	98
16) Methylene chloride	4.909	84	201763	39.740	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	217623	50.162	ug/L	92
18) Methyl tert-butyl Ether	5.427	73	381255	53.670	ug/L	98
19) 1,1-Dichloroethane	6.208	63	385000	46.930	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	244053	51.154	ug/L	99
22) 2-Butanone	7.165	43	167948	101.368	ug/L	100
23) Bromochloromethane	7.506	128	111752	47.970	ug/L	93
25) Chloroform	7.677	83	431876	47.448	ug/L	99
27) 1,2-Dichloroethane	8.396	62	326032	49.209	ug/L	97
29) Cyclohexane	7.951	56	382775	56.341	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	358632	48.271	ug/L	97
31) Carbon tetrachloride	8.067	117	339039	49.881	ug/L	100
33) Benzene	8.317	78	1025538	52.285	ug/L	100
34) Trichloroethene	9.091	95	260254	50.328	ug/L	94
35) Methylcyclohexane	9.335	83	457653	55.153	ug/L	98
37) 1,2-Dichloropropane	9.366	63	248049	49.247	ug/L	99
38) Bromodichloromethane	9.640	83	344992	50.033	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	408271	57.683	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	408811	114.715	ug/L	98
42) Toluene	10.384	91	1174557	54.245	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	387518	56.345	ug/L	99

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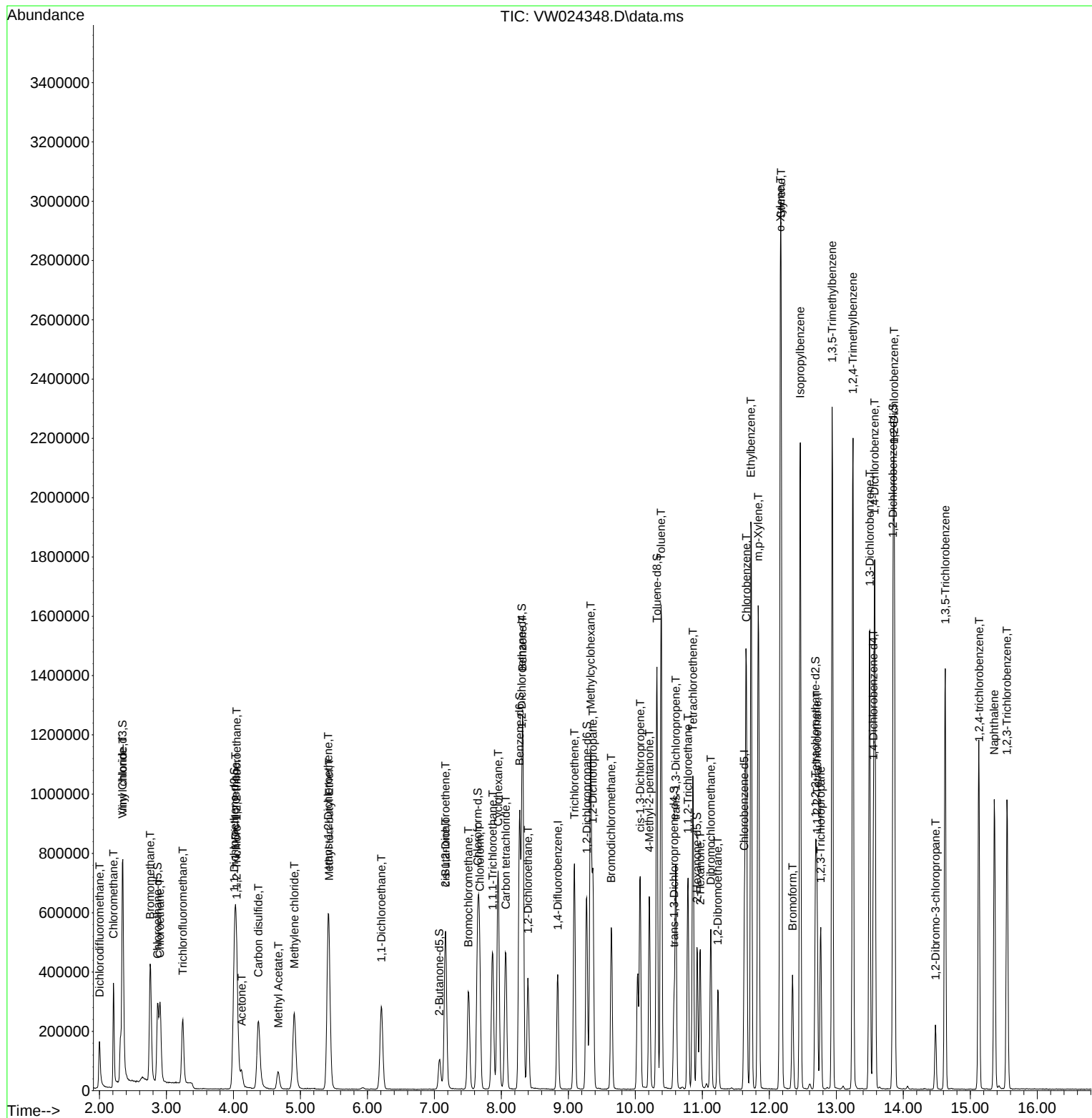
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	212542	51.475	ug/L	97
46) Tetrachloroethene	10.859	164	207620	51.697	ug/L	96
48) 2-Hexanone	10.969	43	297322	111.980	ug/L	97
49) Dibromochloromethane	11.128	129	257482	52.724	ug/L	97
50) 1,2-Dibromoethane	11.231	107	213308	53.735	ug/L	95
51) Chlorobenzene	11.658	112	757014	52.089	ug/L	99
52) Ethylbenzene	11.725	91	1322614	55.250	ug/L	99
53) m,p-Xylene	11.835	106	521318	55.452	ug/L	92
54) o-Xylene	12.164	106	510967	58.140	ug/L	96
55) Styrene	12.176	104	906948	58.380	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	300759	52.185	ug/L	99
59) Bromoform	12.347	173	163248	53.921	ug/L	96
60) Isopropylbenzene	12.463	105	1363234	54.405	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	216135	50.480	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	1164889	57.655	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	1136462	57.909	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	625807	52.237	ug/L	96
65) 1,4-Dichlorobenzene	13.572	146	626283	49.515	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	580634	51.704	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	50546	47.158	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	409607	52.972	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	337096	56.080	ug/L	97
71) Naphthalene	15.359	128	801389	60.705	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	304287	53.562	ug/L	99

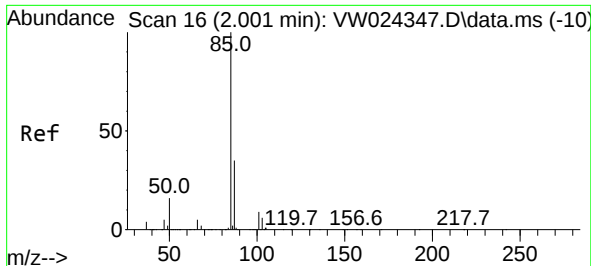
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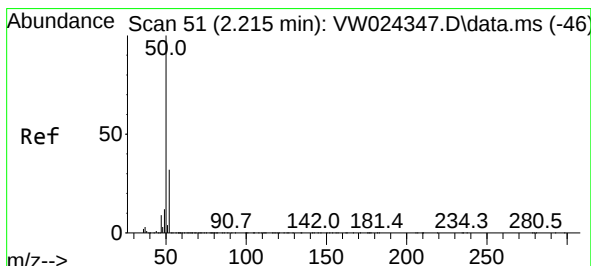
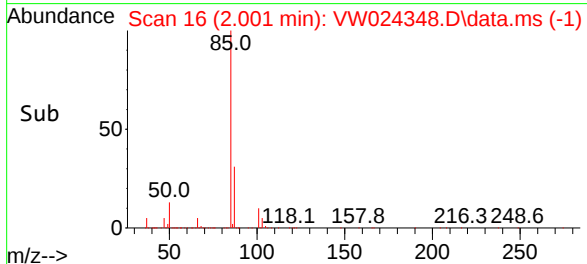
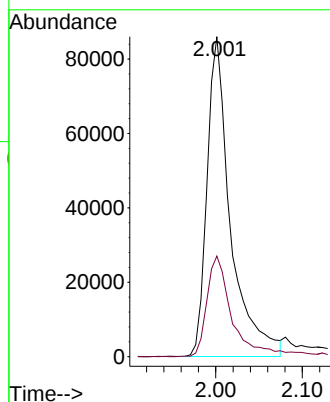
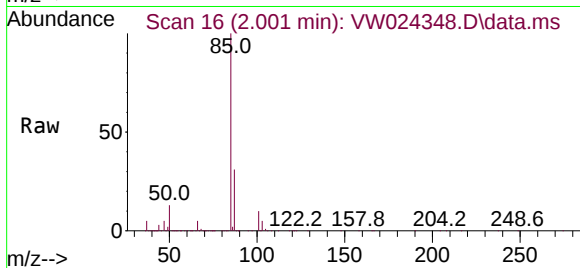




#2
 Dichlorodifluoromethane
 Concen: 51.226 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW024348.D
 Acq: 26 Aug 2022 12:29

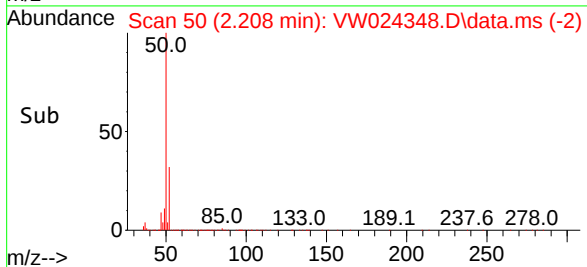
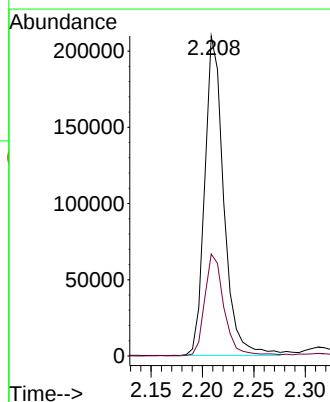
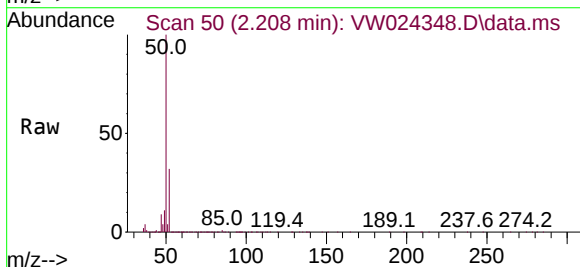
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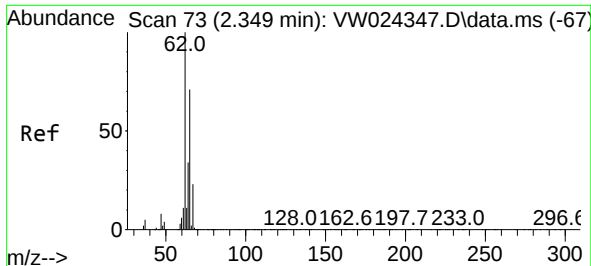
Tgt Ion: 85 Resp: 161502
 Ion Ratio Lower Upper
 85 100
 87 32.7 24.7 37.1



#3
 Chloromethane
 Concen: 47.081 ug/L
 RT: 2.208 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW024348.D
 Acq: 26 Aug 2022 12:29

Tgt Ion: 50 Resp: 270766
 Ion Ratio Lower Upper
 50 100
 52 31.9 22.3 41.5

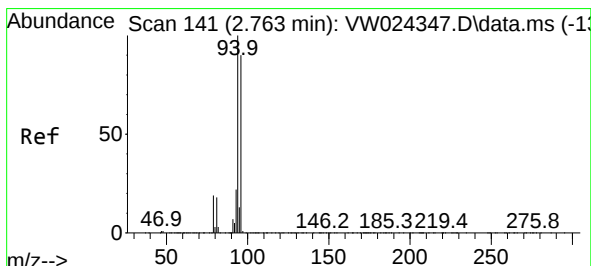
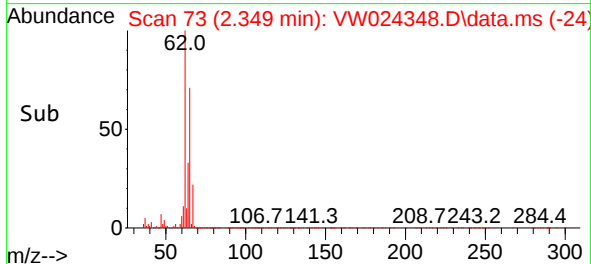
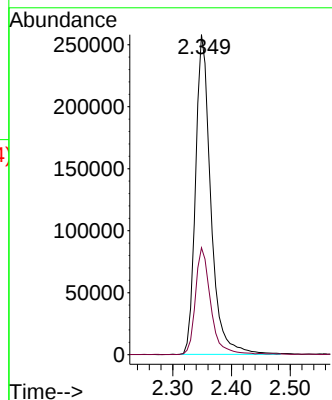
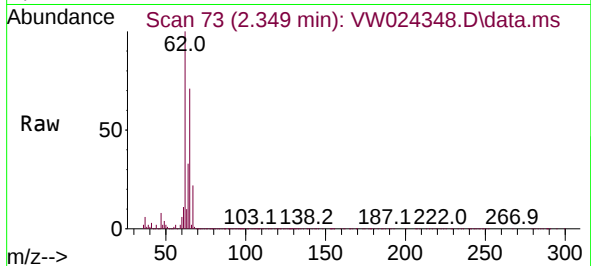




#5
 Vinyl chloride
 Concen: 46.428 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW024348.D
 Acq: 26 Aug 2022 12:29

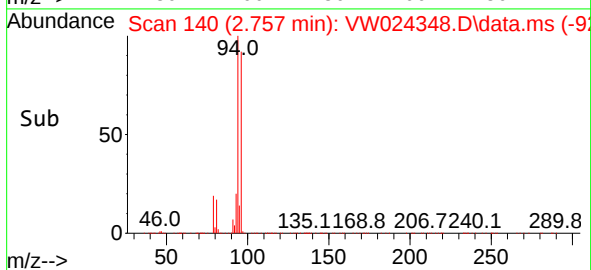
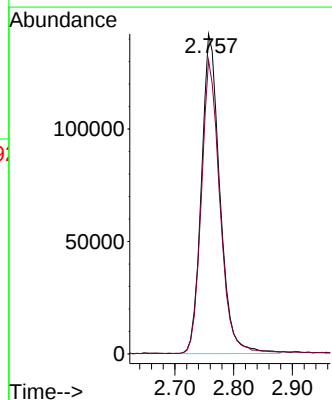
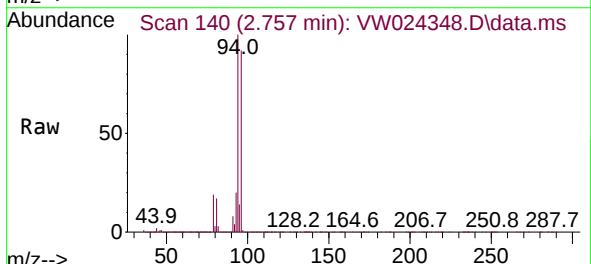
Instrument :
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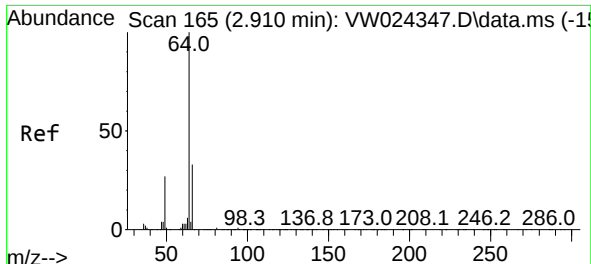
Tgt Ion: 62 Resp: 466041
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.6 43.8



#6
 Bromomethane
 Concen: 44.162 ug/L
 RT: 2.757 min Scan# 140
 Delta R.T. -0.006 min
 Lab File: VW024348.D
 Acq: 26 Aug 2022 12:29

Tgt Ion: 94 Resp: 311148
 Ion Ratio Lower Upper
 94 100
 96 91.8 63.6 118.0

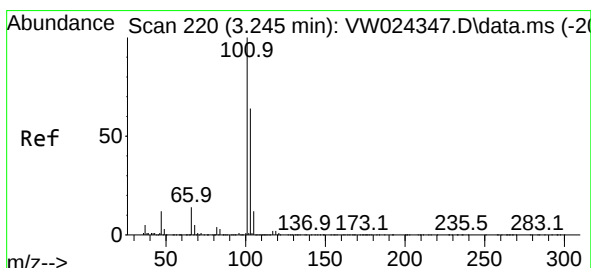
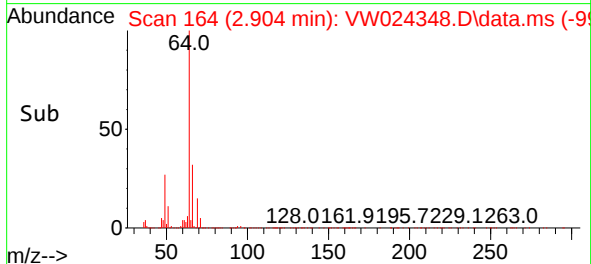
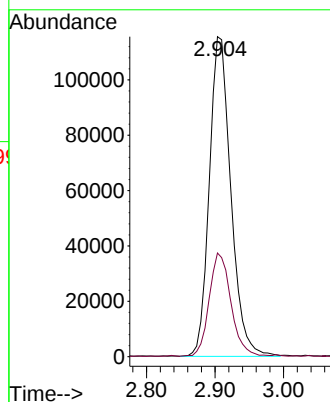
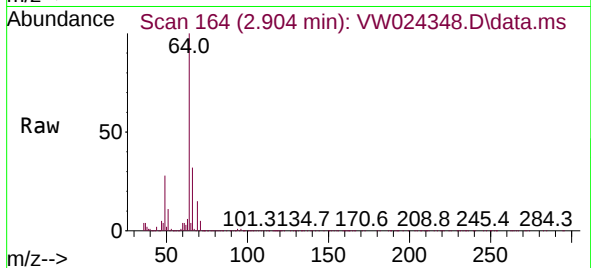




#8
Chloroethane
Concen: 47.572 ug/L
RT: 2.904 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW024348.D
Acq: 26 Aug 2022 12:29

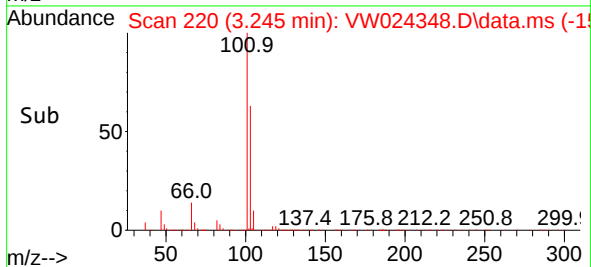
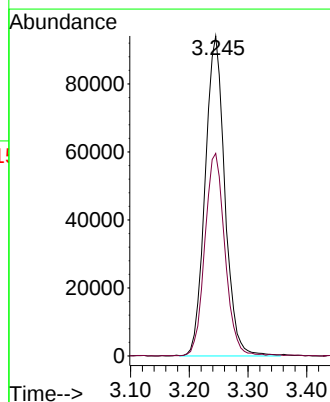
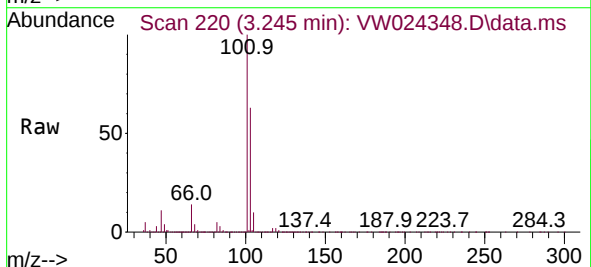
Instrument :
MSVOA_W
ClientSampleId :

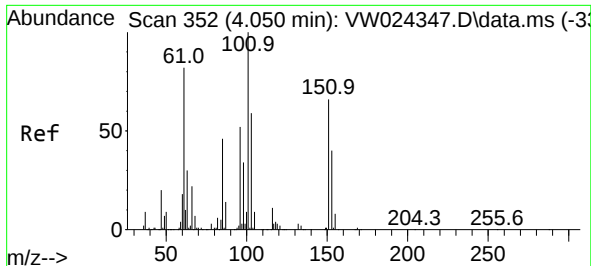
Tgt Ion: 64 Resp: 252338
Ion Ratio Lower Upper
64 100
66 32.4 23.0 42.6



#9
Trichlorofluoromethane
Concen: 46.457 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.000 min
Lab File: VW024348.D
Acq: 26 Aug 2022 12:29

Tgt Ion: 101 Resp: 219270
Ion Ratio Lower Upper
101 100
103 64.4 50.4 75.6

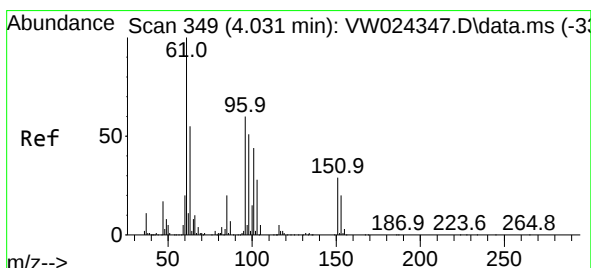
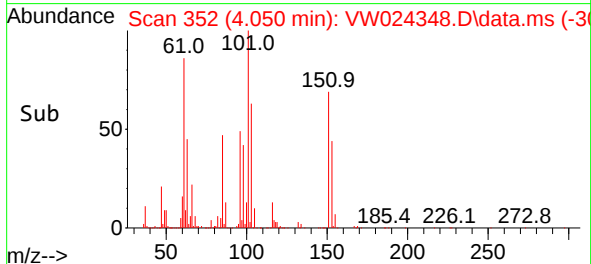
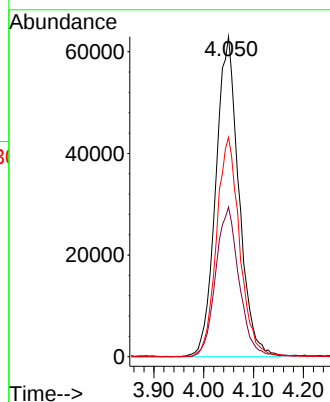
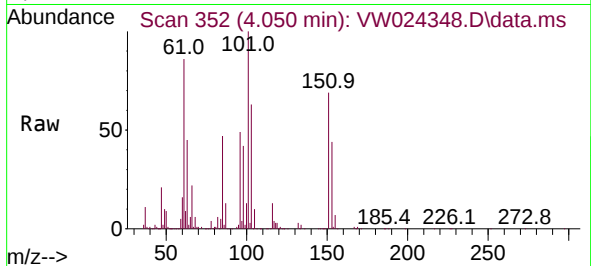




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 44.936 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. -0.000 min
 Lab File: VW024348.D
 Acq: 26 Aug 2022 12:29

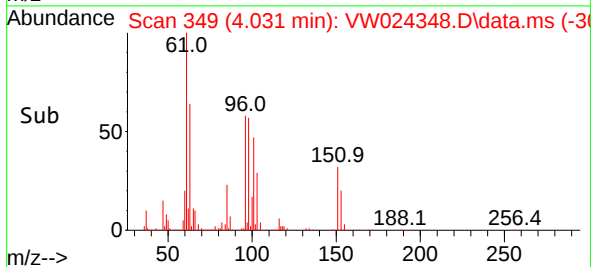
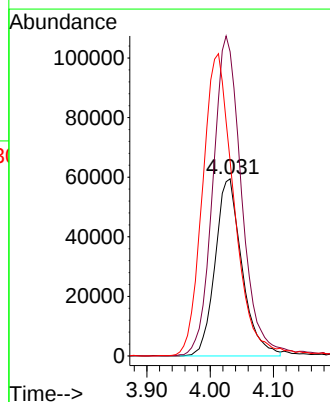
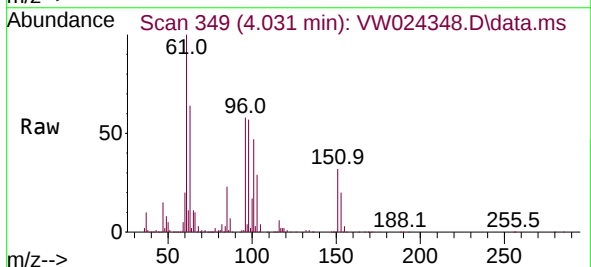
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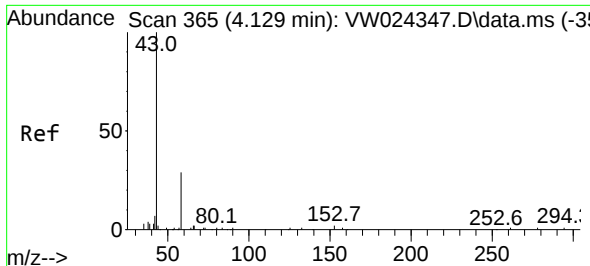
Tgt Ion:101 Resp: 202713
 Ion Ratio Lower Upper
 101 100
 85 47.3 39.1 58.7
 151 68.5 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 47.806 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. -0.000 min
 Lab File: VW024348.D
 Acq: 26 Aug 2022 12:29

Tgt Ion: 96 Resp: 175222
 Ion Ratio Lower Upper
 96 100
 61 171.7 118.8 220.6
 63 110.1 72.8 135.2

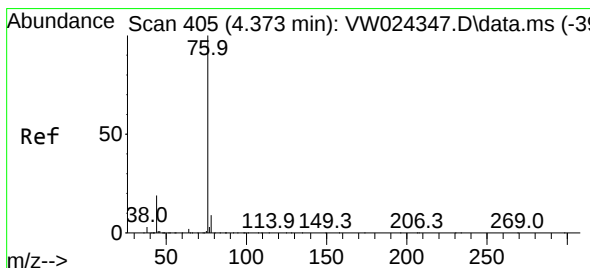
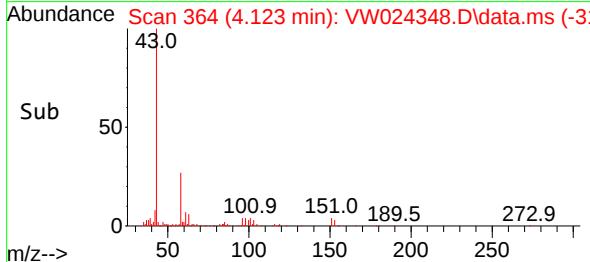
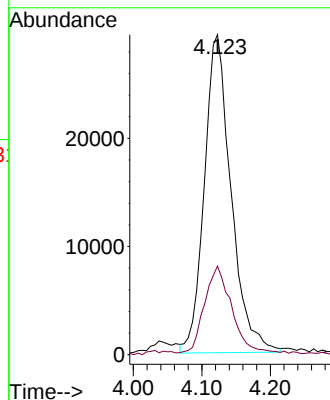
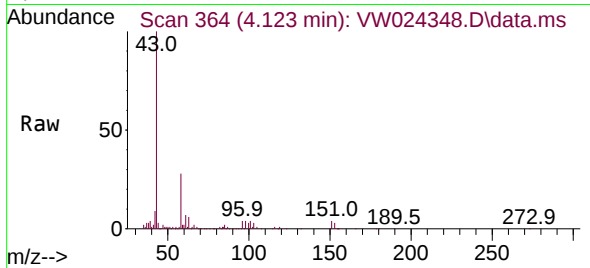




#13
Acetone
Concen: 84.837 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW024348.D
Acq: 26 Aug 2022 12:29

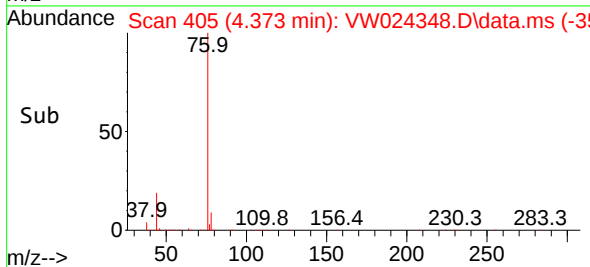
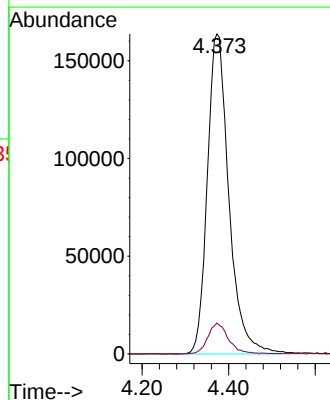
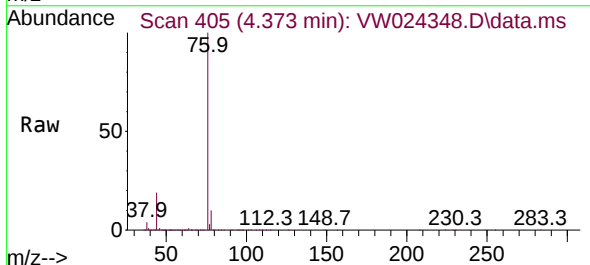
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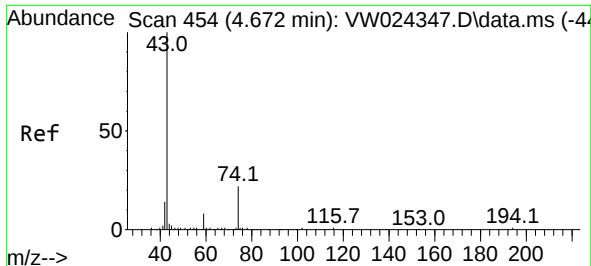
Tgt Ion: 43 Resp: 79866
Ion Ratio Lower Upper
43 100
58 28.5 0.0 58.4



#14
Carbon disulfide
Concen: 46.469 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.000 min
Lab File: VW024348.D
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Tgt Ion: 76 Resp: 566045
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2

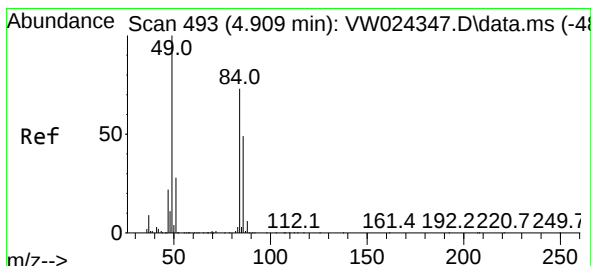
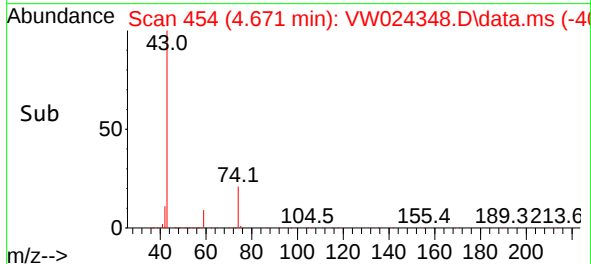
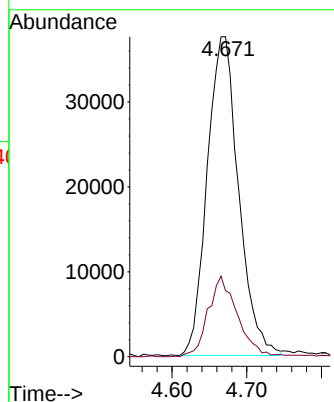
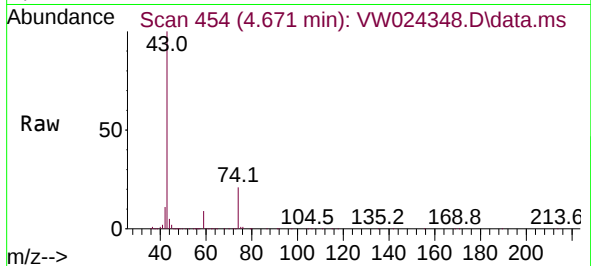




#15
Methyl Acetate
Concen: 48.357 ug/L
RT: 4.671 min Scan# 4
Delta R.T. -0.000 min
Lab File: VW024348.D
Acq: 26 Aug 2022 12:29

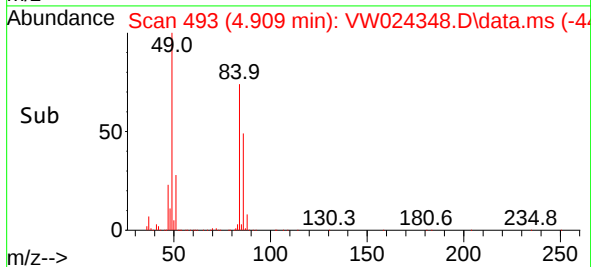
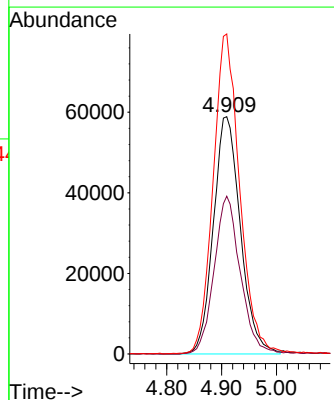
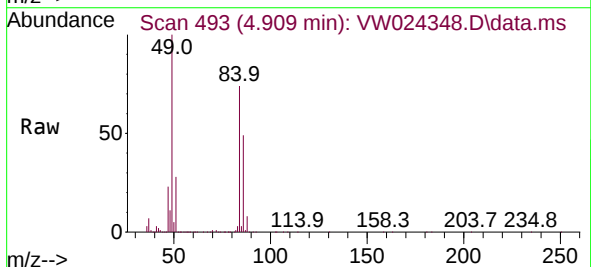
Instrument :
MSVOA_W
ClientSampleId :

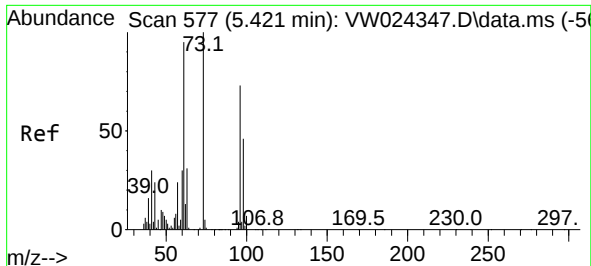
Tgt Ion: 43 Resp: 109663
Ion Ratio Lower Upper
43 100
74 23.3 17.9 26.9



#16
Methylene chloride
Concen: 39.740 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW024348.D
Acq: 26 Aug 2022 12:29

Tgt Ion: 84 Resp: 201763
Ion Ratio Lower Upper
84 100
86 66.5 47.7 88.7
49 134.8 96.6 179.4

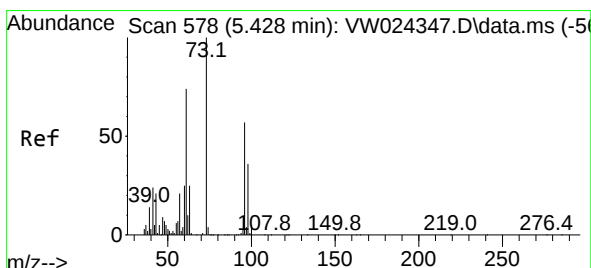
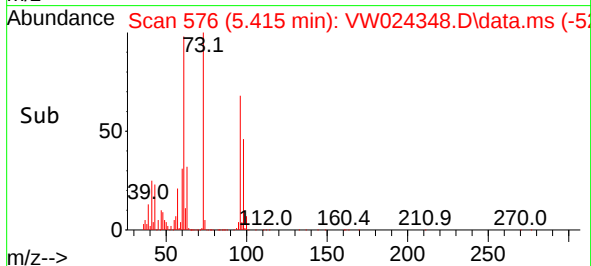
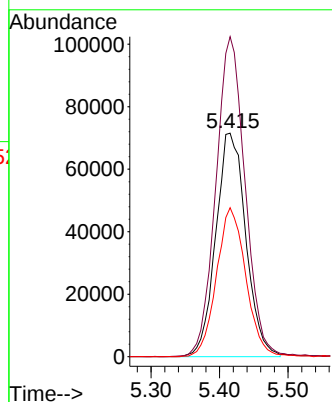
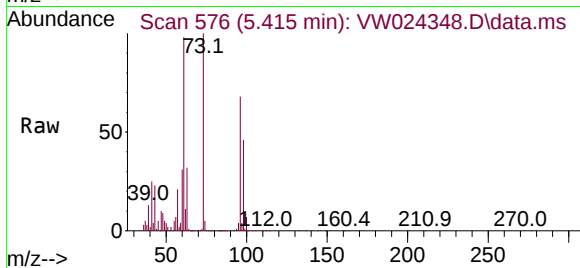




#17
trans-1,2-Dichloroethene
Concen: 50.162 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW024348.D
Acq: 26 Aug 2022 12:29

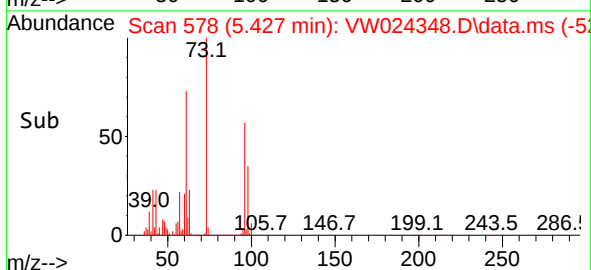
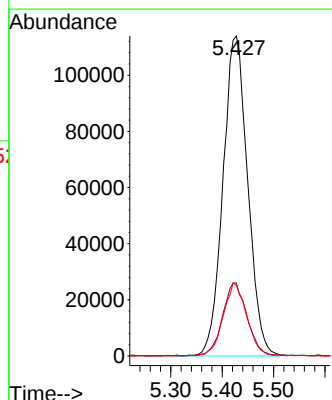
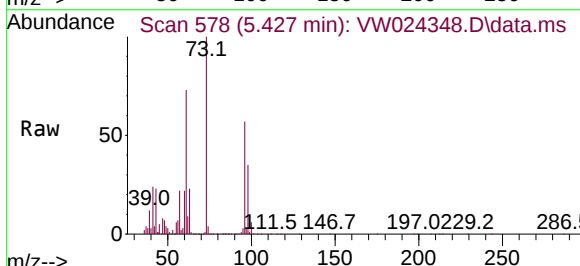
Instrument :
MSVOA_W
ClientSampleId :

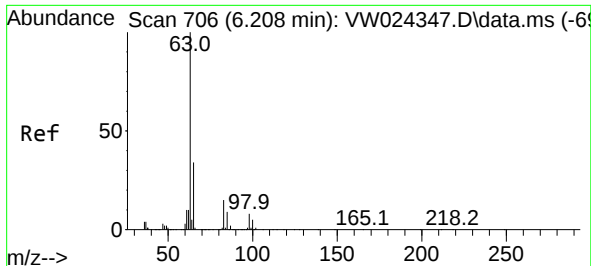
Tgt Ion: 96 Resp: 217623
Ion Ratio Lower Upper
96 100
61 143.1 92.1 171.1
98 66.6 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 53.670 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW024348.D
Acq: 26 Aug 2022 12:29

Tgt Ion: 73 Resp: 381255
Ion Ratio Lower Upper
73 100
43 22.3 18.8 28.2
57 21.8 18.1 27.1





#19

1,1-Dichloroethane

Concen: 46.930 ug/L

RT: 6.208 min Scan# 706

Delta R.T. -0.000 min

Lab File: VW024348.D

Acq: 26 Aug 2022 12:29

Instrument :

MSVOA_W

ClientSampleId :

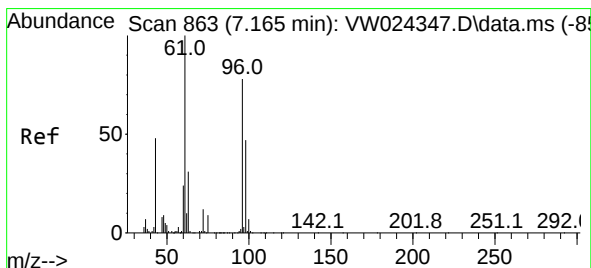
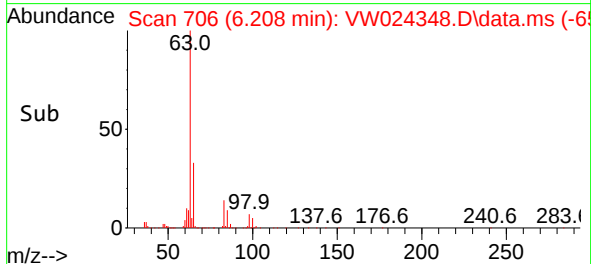
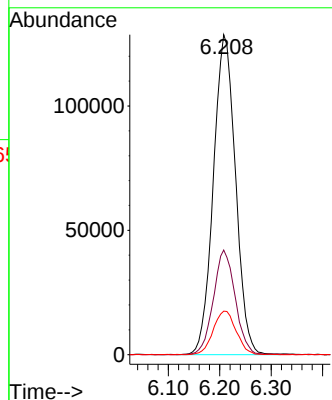
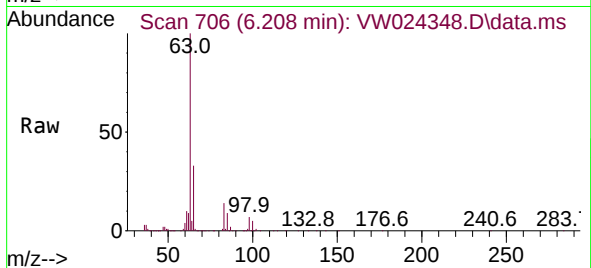
Tgt Ion: 63 Resp: 385000

Ion Ratio Lower Upper

63 100

65 32.7 23.6 43.8

83 13.6 10.4 19.4



#20

cis-1,2-Dichloroethene

Concen: 51.154 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW024348.D

Acq: 26 Aug 2022 12:29

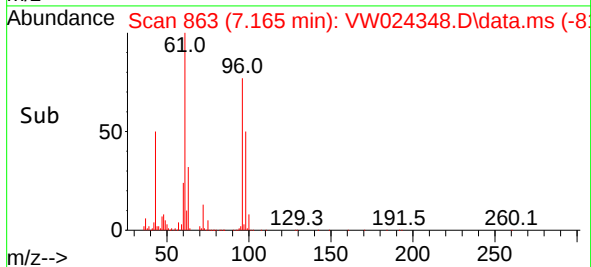
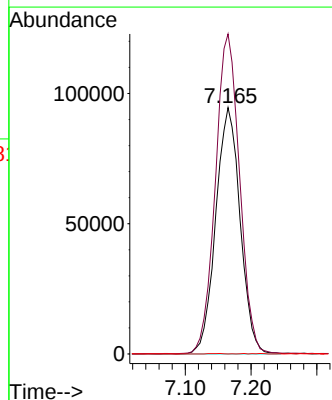
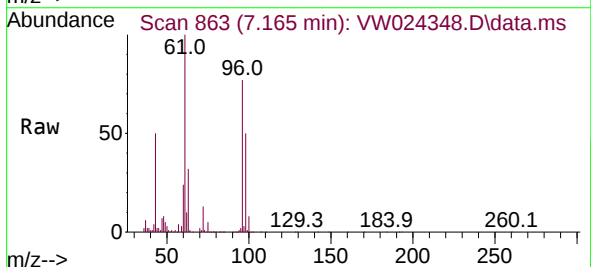
Tgt Ion: 96 Resp: 244053

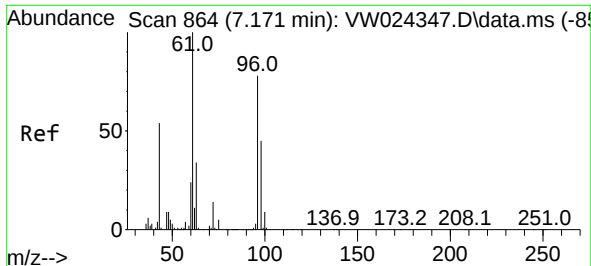
Ion Ratio Lower Upper

96 100

61 129.8 90.2 167.6

68 0.0 0.0 0.0

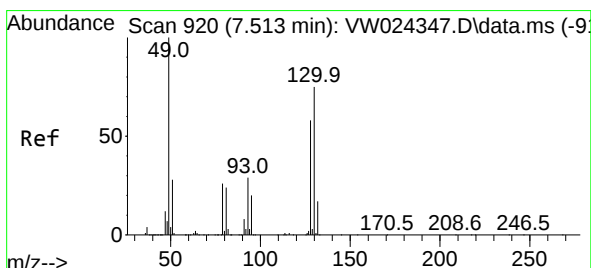
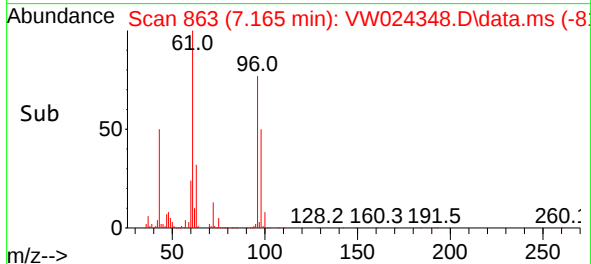
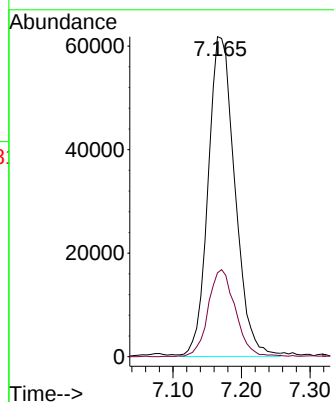
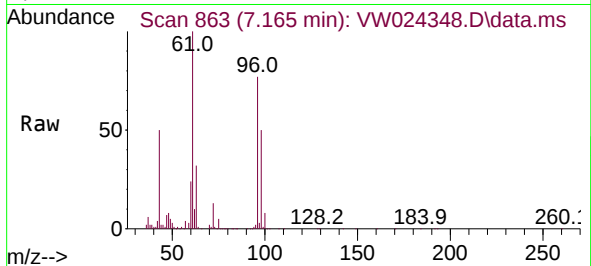




#22
2-Butanone
Concen: 101.368 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW024348.D
Acq: 26 Aug 2022 12:29

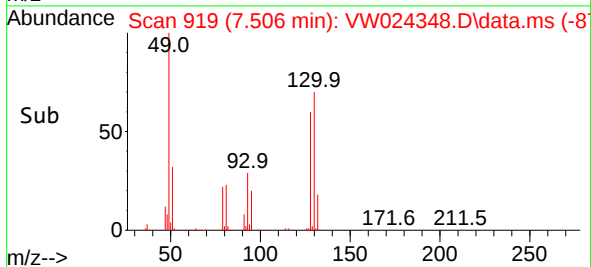
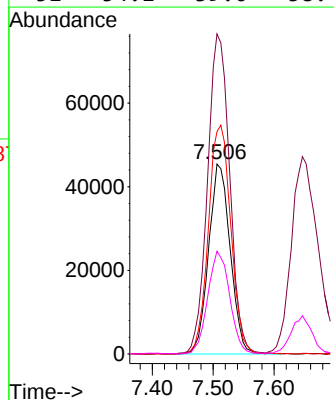
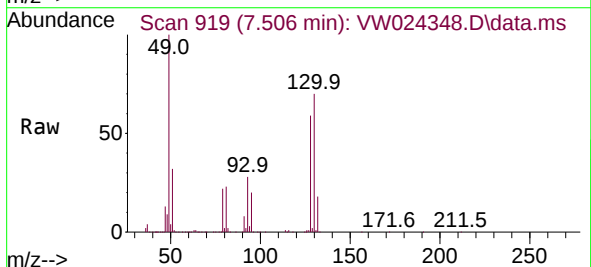
Instrument :
MSVOA_W
ClientSampleId :

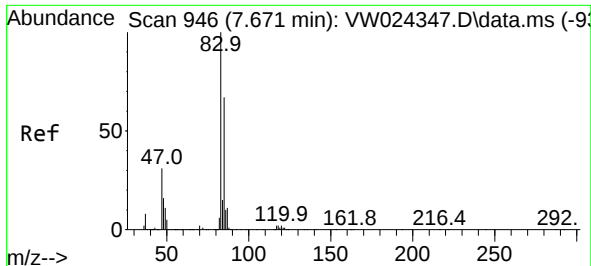
Tgt Ion: 43 Resp: 167948
Ion Ratio Lower Upper
43 100
72 27.6 13.9 41.6



#23
Bromochloromethane
Concen: 47.970 ug/L
RT: 7.506 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW024348.D
Acq: 26 Aug 2022 12:29

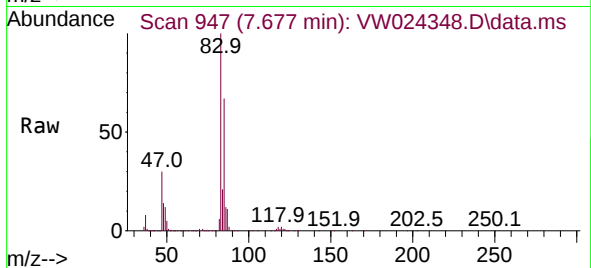
Tgt Ion: 128 Resp: 111752
Ion Ratio Lower Upper
128 100
49 168.4 122.1 226.7
130 117.1 91.1 169.1
51 54.1 39.0 58.4



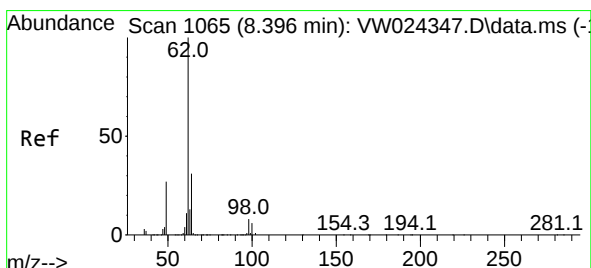
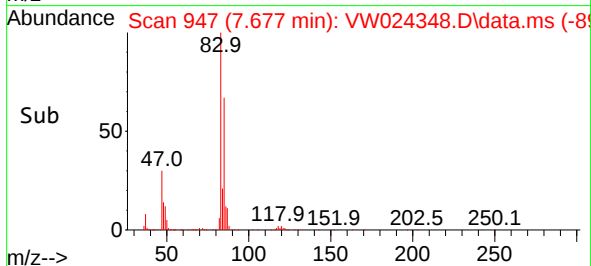
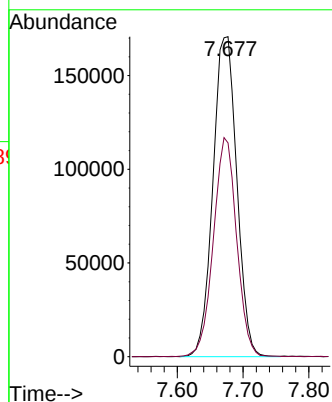


#25
Chloroform
Concen: 47.448 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW024348.D
Acq: 26 Aug 2022 12:29

Instrument :
MSVOA_W
ClientSampleId :

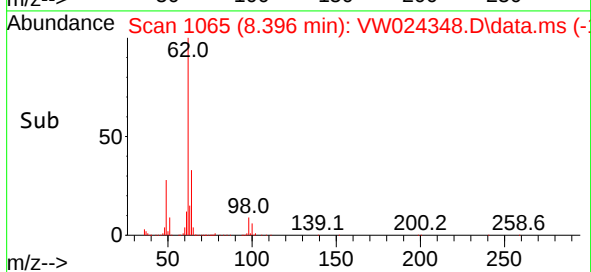
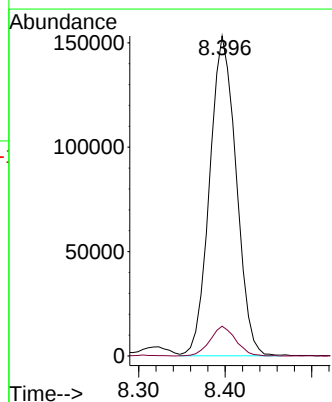
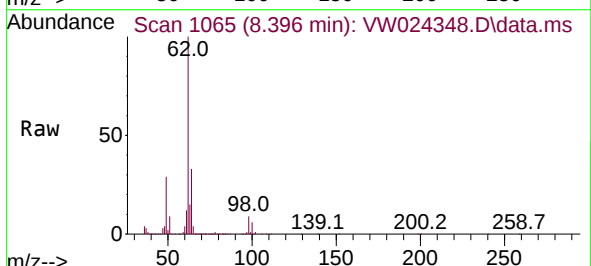


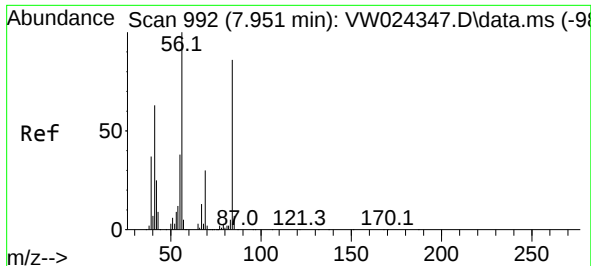
Tgt Ion: 83 Resp: 431876
Ion Ratio Lower Upper
83 100
85 66.8 47.5 88.1



#27
1,2-Dichloroethane
Concen: 49.209 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW024348.D
Acq: 26 Aug 2022 12:29

Tgt Ion: 62 Resp: 326032
Ion Ratio Lower Upper
62 100
98 9.3 6.7 10.1





#29

Cyclohexane

Concen: 56.341 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024348.D

Acq: 26 Aug 2022 12:29

Instrument :

MSVOA_W

ClientSampleId :

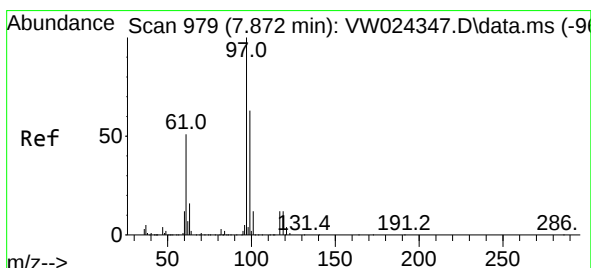
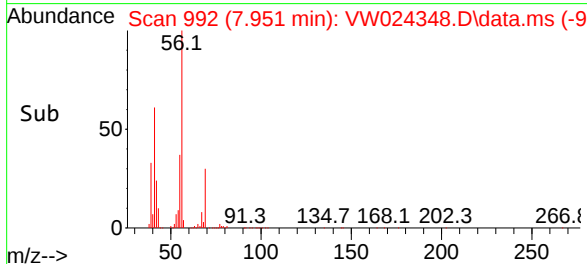
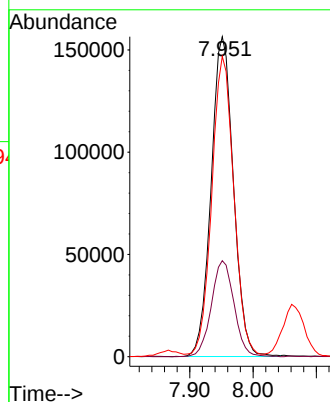
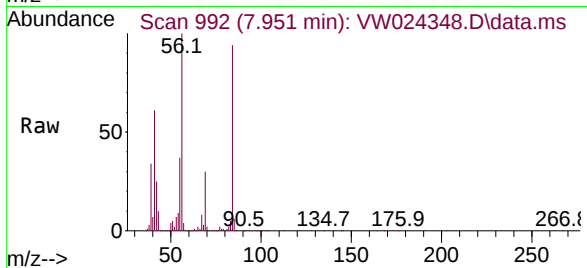
Tgt Ion: 56 Resp: 382775

Ion Ratio Lower Upper

56 100

69 30.5 23.5 35.3

84 92.8 72.2 108.4



#30

1,1,1-Trichloroethane

Concen: 48.271 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW024348.D

Acq: 26 Aug 2022 12:29

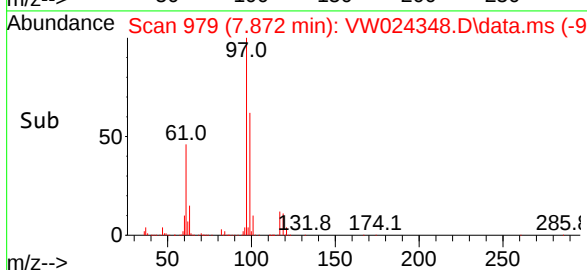
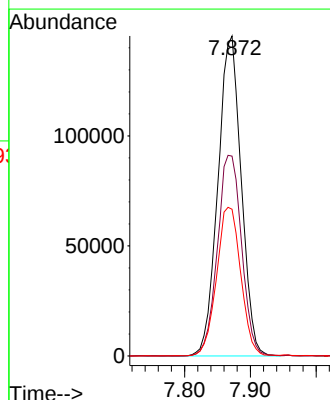
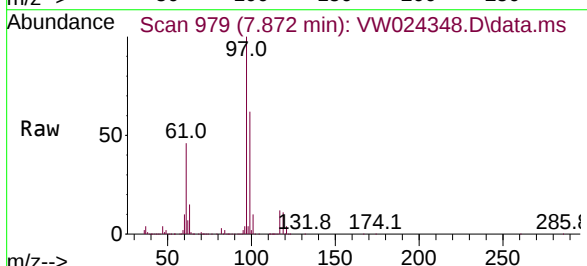
Tgt Ion: 97 Resp: 358632

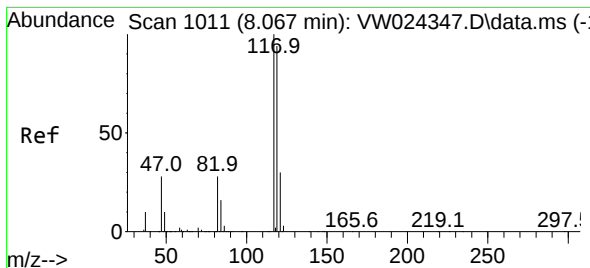
Ion Ratio Lower Upper

97 100

99 65.0 50.2 75.2

61 48.0 40.2 60.4

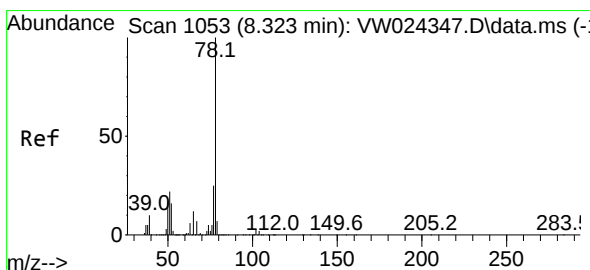
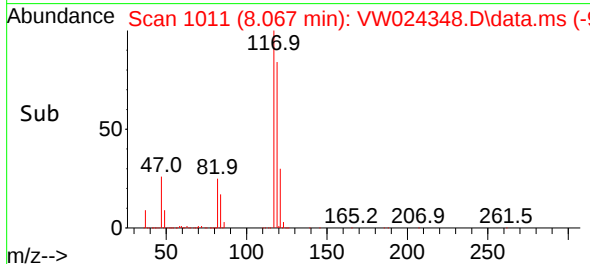
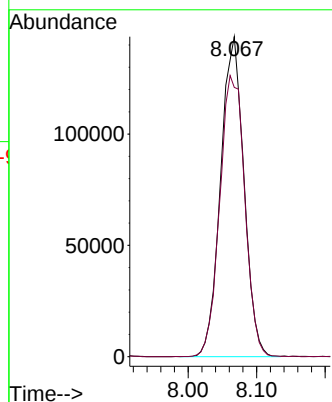
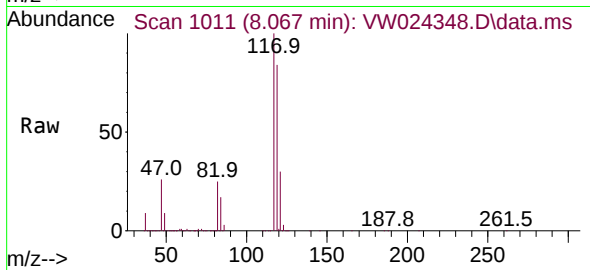




#31
Carbon tetrachloride
Concen: 49.881 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW024348.D
Acq: 26 Aug 2022 12:29

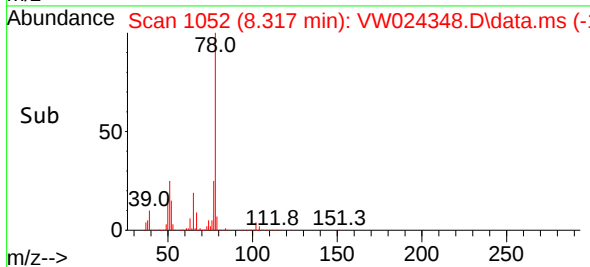
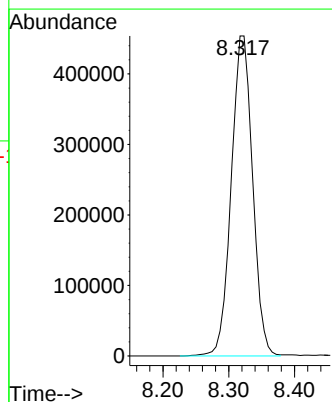
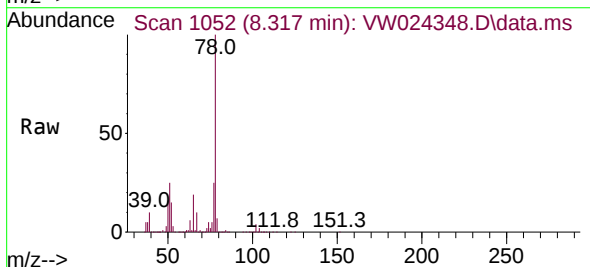
Instrument :
MSVOA_W
ClientSampleId :

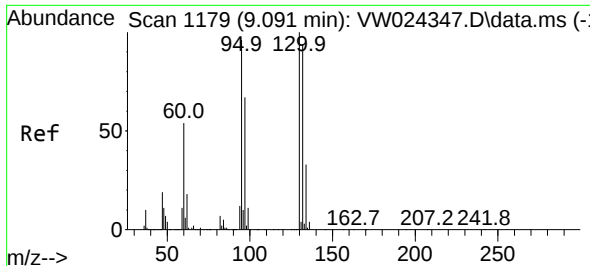
Tgt Ion:117 Resp: 339039
Ion Ratio Lower Upper
117 100
119 94.5 75.9 113.9



#33
Benzene
Concen: 52.285 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW024348.D
Acq: 26 Aug 2022 12:29

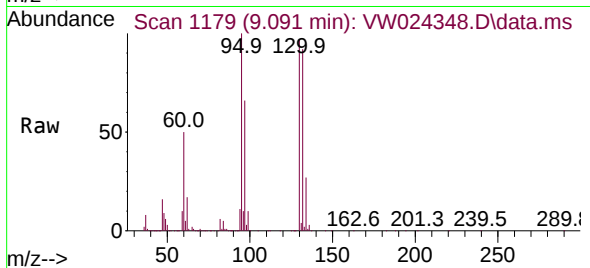
Tgt Ion: 78 Resp: 1025538





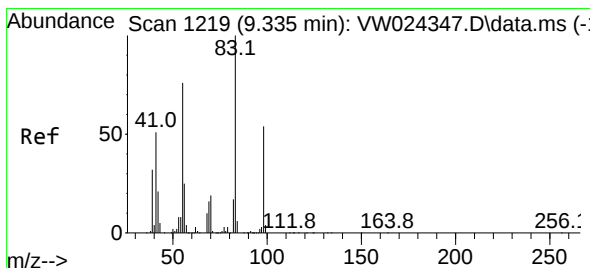
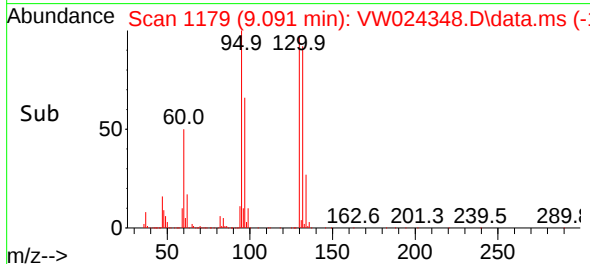
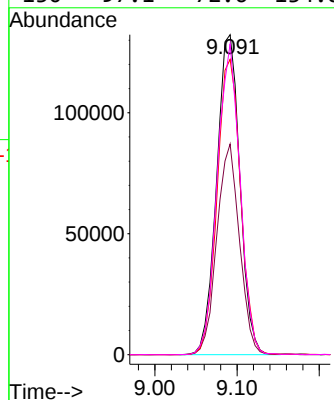
#34
Trichloroethene
Concen: 50.328 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW024348.D
Acq: 26 Aug 2022 12:29

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 260254

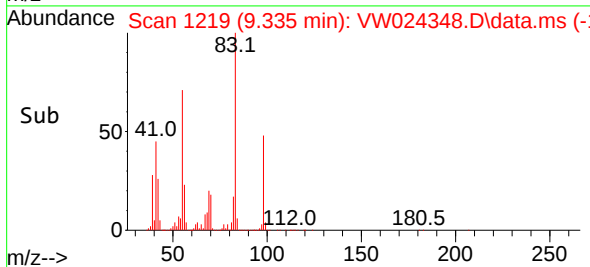
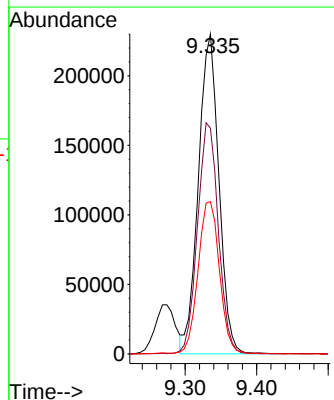
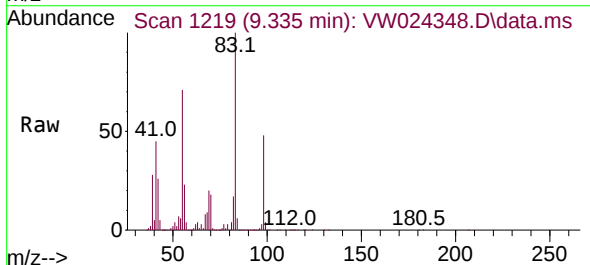
Ion	Ratio	Lower	Upper
95	100		
97	65.9	48.4	89.8
132	92.3	68.6	127.4
130	97.1	72.6	134.8

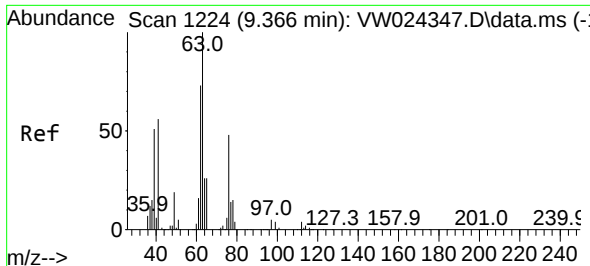


#35
Methylcyclohexane
Concen: 55.153 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW024348.D
Acq: 26 Aug 2022 12:29

Tgt Ion: 83 Resp: 457653

Ion	Ratio	Lower	Upper
83	100		
55	73.4	60.1	90.1
98	50.0	40.5	60.7





#37

1,2-Dichloropropane

Concen: 49.247 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024348.D

Acq: 26 Aug 2022 12:29

Instrument :

MSVOA_W

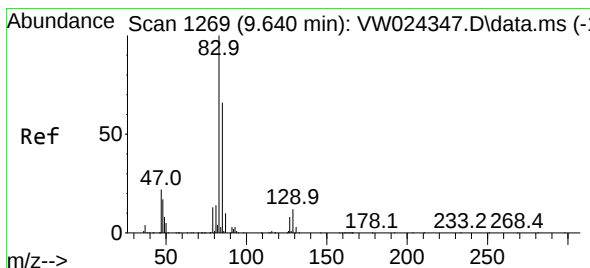
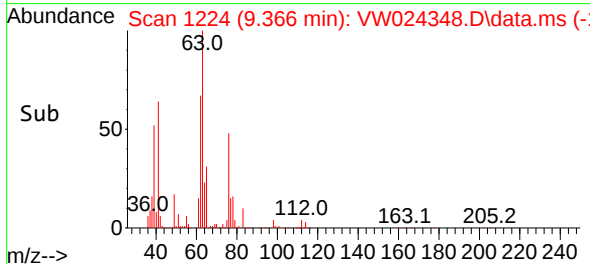
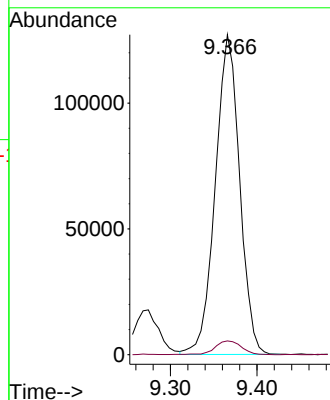
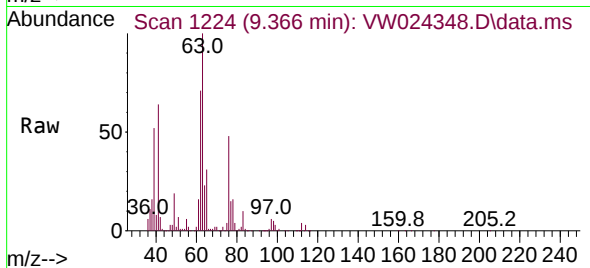
ClientSampleId :

Tgt Ion: 63 Resp: 248049

Ion Ratio Lower Upper

63 100

112 4.6 3.4 5.0



#38

Bromodichloromethane

Concen: 50.033 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VW024348.D

Acq: 26 Aug 2022 12:29

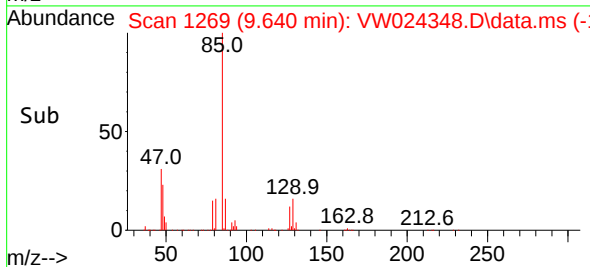
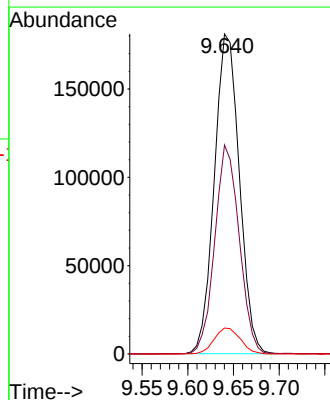
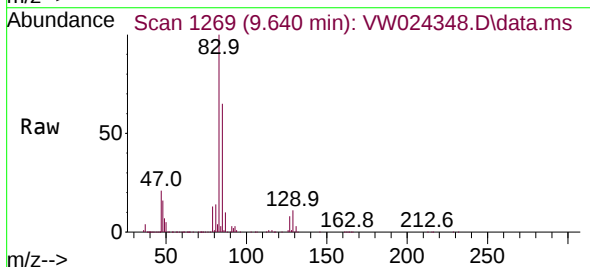
Tgt Ion: 83 Resp: 344992

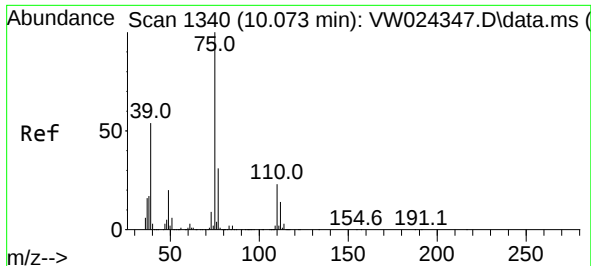
Ion Ratio Lower Upper

83 100

85 65.3 46.3 85.9

127 8.1 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 57.683 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW024348.D

Acq: 26 Aug 2022 12:29

Instrument :

MSVOA_W

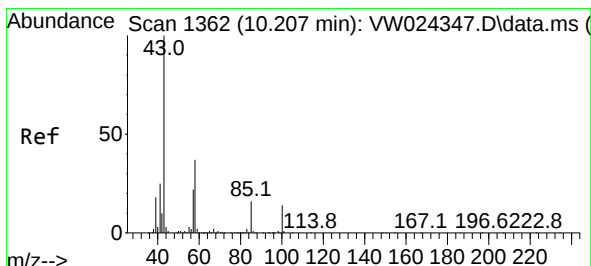
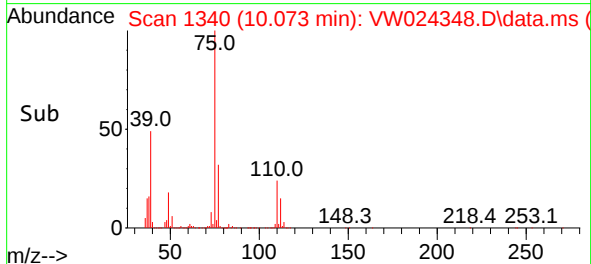
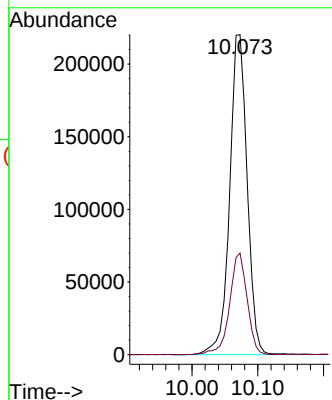
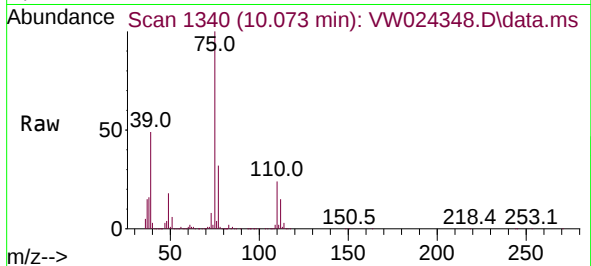
ClientSampleId :

Tgt Ion: 75 Resp: 408271

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 114.715 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024348.D

Acq: 26 Aug 2022 12:29

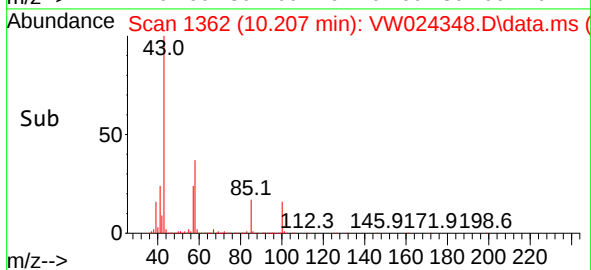
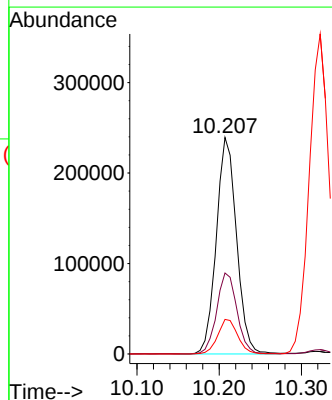
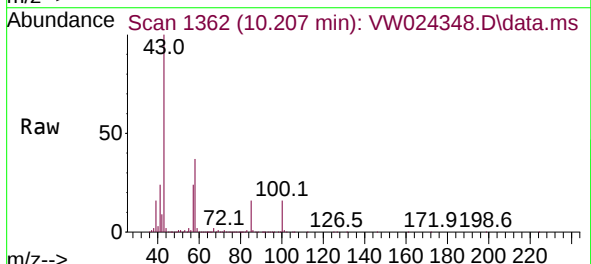
Tgt Ion: 43 Resp: 408811

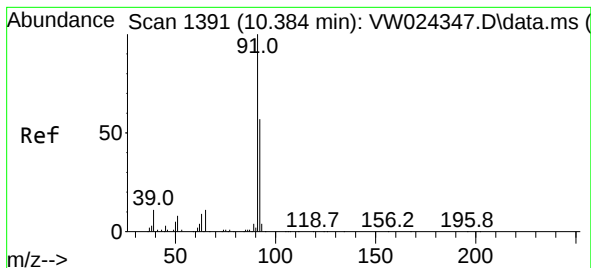
Ion Ratio Lower Upper

43 100

58 37.5 29.4 44.2

100 15.9 11.8 17.8





#42

Toluene

Concen: 54.245 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW024348.D

Acq: 26 Aug 2022 12:29

Instrument :

MSVOA_W

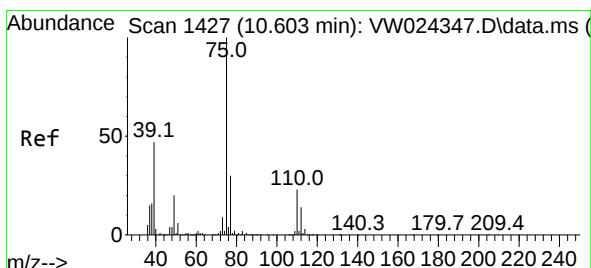
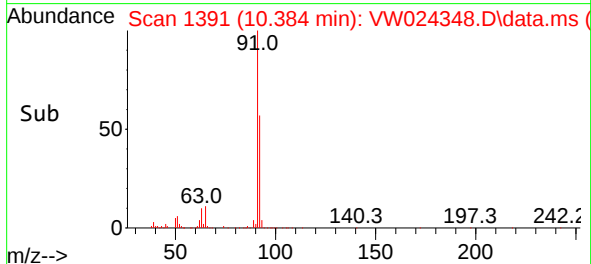
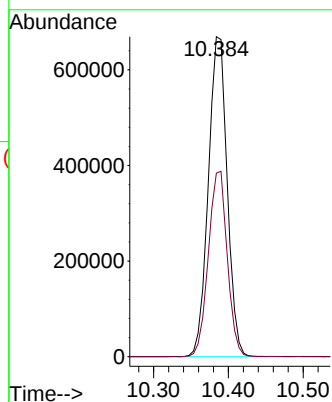
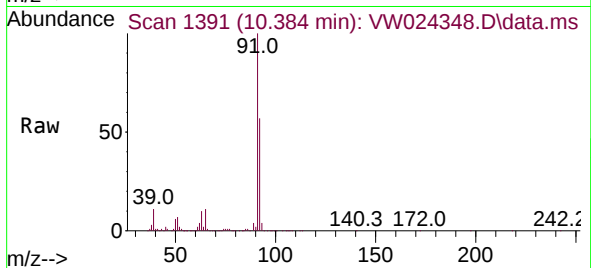
ClientSampleId :

Tgt Ion: 91 Resp: 1174557

Ion Ratio Lower Upper

91 100

92 57.4 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 56.345 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW024348.D

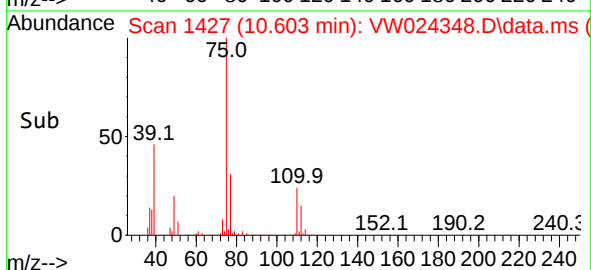
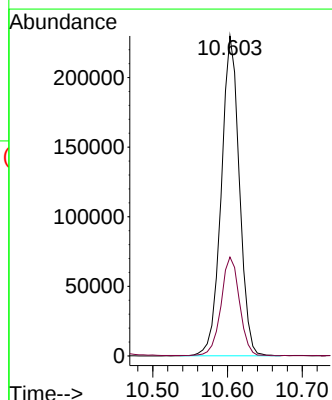
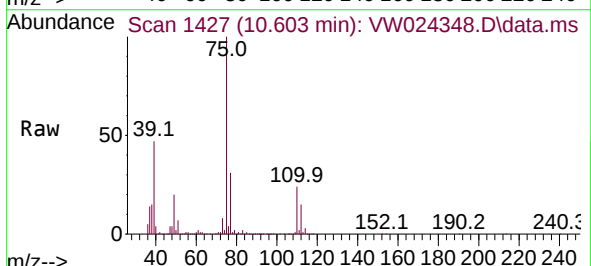
Acq: 26 Aug 2022 12:29

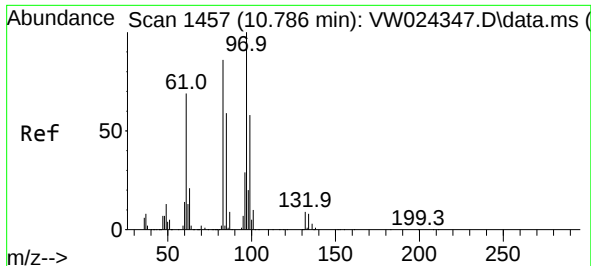
Tgt Ion: 75 Resp: 387518

Ion Ratio Lower Upper

75 100

77 30.9 21.1 39.1



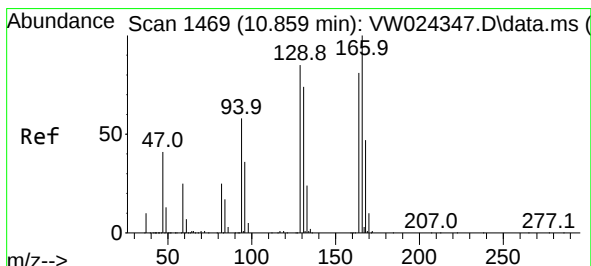
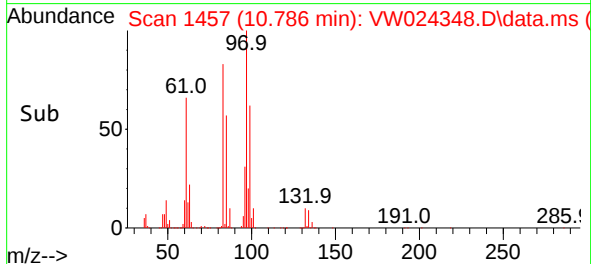
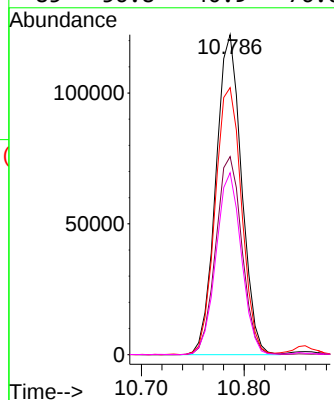
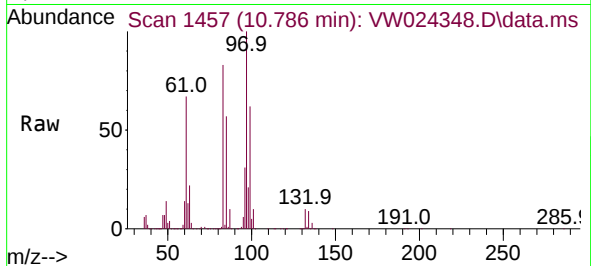


#45
1,1,2-Trichloroethane
Concen: 51.475 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024348.D
Acq: 26 Aug 2022 12:29

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 212542

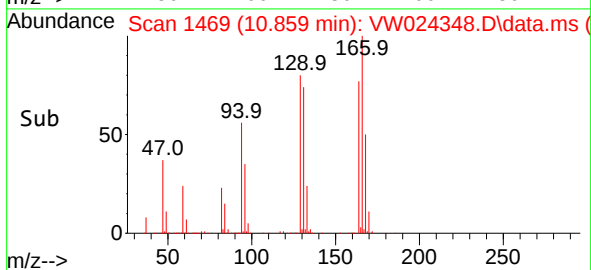
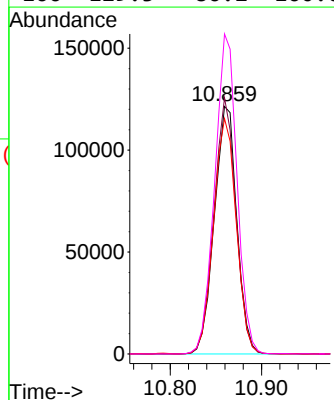
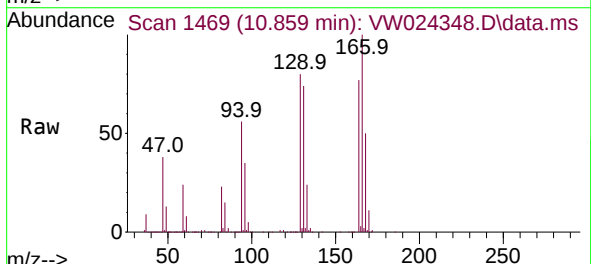
Ion	Ratio	Lower	Upper
97	100		
99	61.9	40.4	75.0
83	83.5	60.1	111.5
85	56.8	40.9	76.0

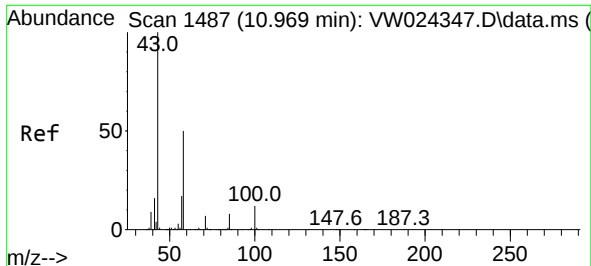


#46
Tetrachloroethene
Concen: 51.697 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024348.D
Acq: 26 Aug 2022 12:29

Tgt Ion: 164 Resp: 207620

Ion	Ratio	Lower	Upper
164	100		
129	103.5	72.9	135.3
131	95.1	63.7	118.3
166	129.3	86.2	160.0



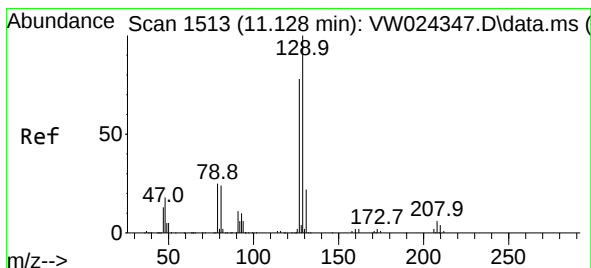
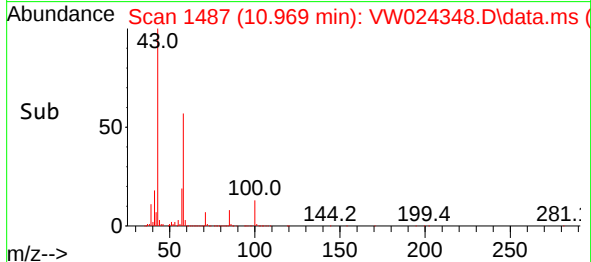
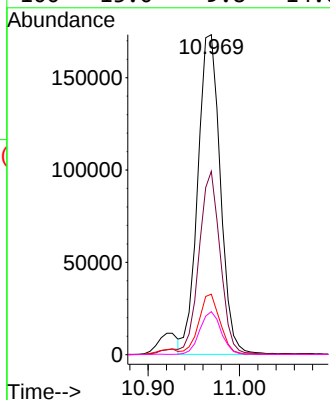
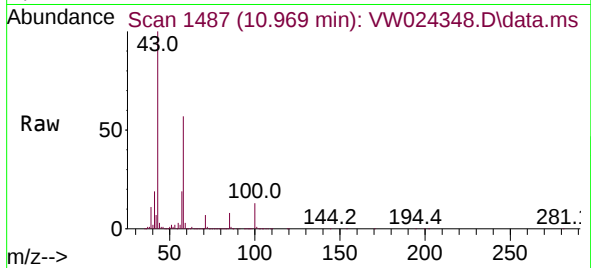


#48
2-Hexanone
Concen: 111.980 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW024348.D
Acq: 26 Aug 2022 12:29

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 297322

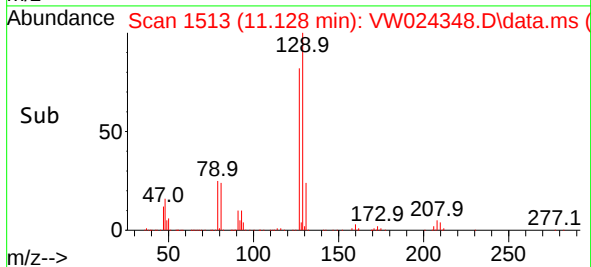
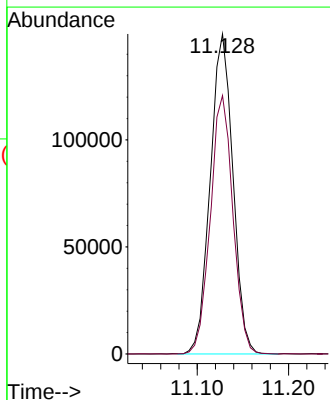
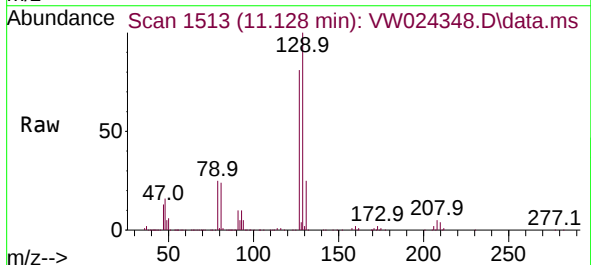
Ion	Ratio	Lower	Upper
43	100		
58	54.0	40.6	61.0
57	18.1	14.2	21.2
100	13.0	9.8	14.6

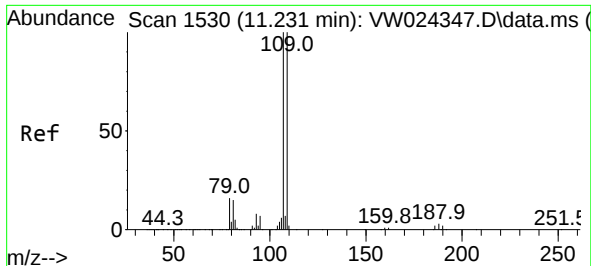


#49
Dibromochloromethane
Concen: 52.724 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024348.D
Acq: 26 Aug 2022 12:29

Tgt Ion: 129 Resp: 257482

Ion	Ratio	Lower	Upper
129	100		
127	80.8	54.6	101.4

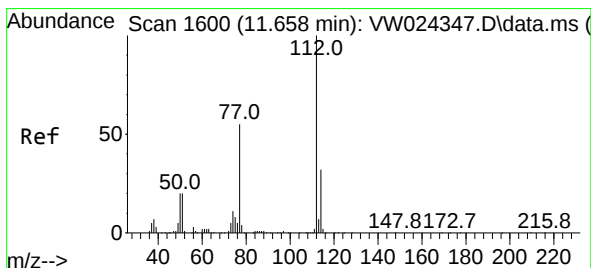
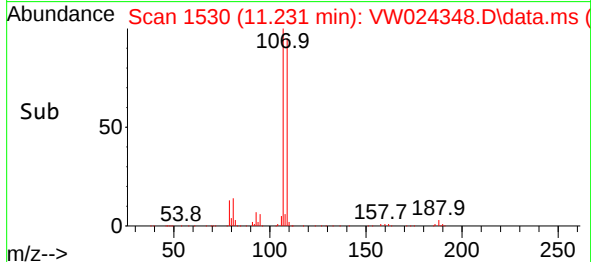
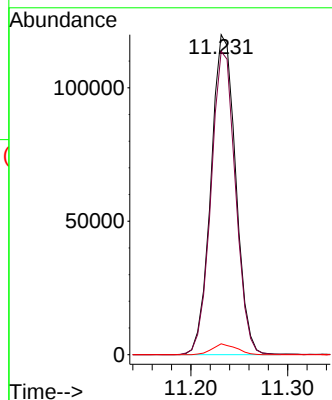
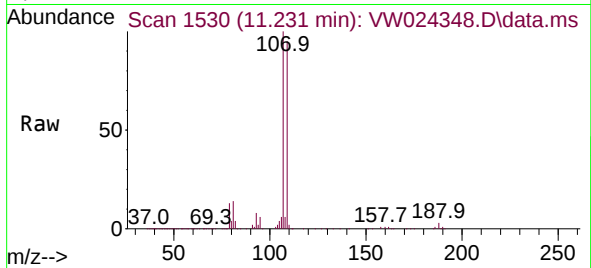




#50
1,2-Dibromoethane
Concen: 53.735 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW024348.D
Acq: 26 Aug 2022 12:29

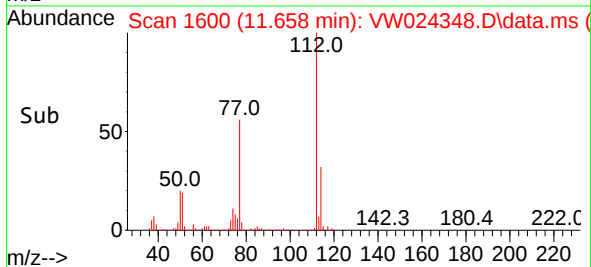
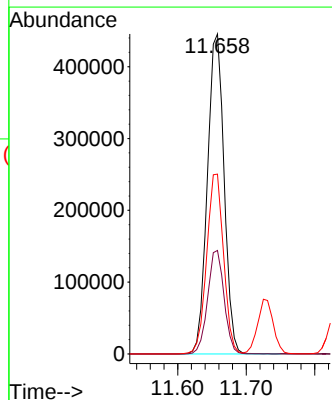
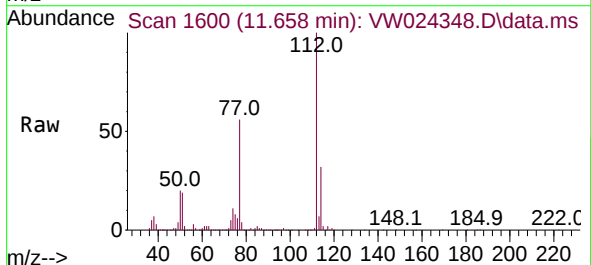
Instrument :
MSVOA_W
ClientSampleId :

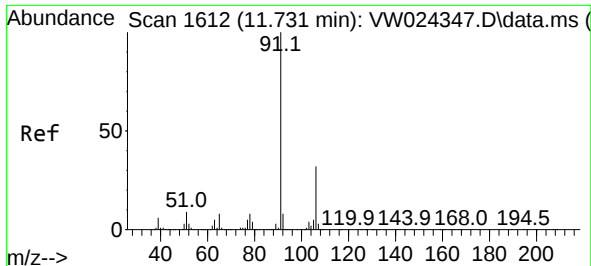
Tgt Ion:107 Resp: 213308
Ion Ratio Lower Upper
107 100
109 94.8 70.1 130.1
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 52.089 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW024348.D
Acq: 26 Aug 2022 12:29

Tgt Ion:112 Resp: 757014
Ion Ratio Lower Upper
112 100
114 32.4 22.3 41.3
77 56.2 44.1 66.1





#52

Ethylbenzene

Concen: 55.250 ug/L

RT: 11.725 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW024348.D

Acq: 26 Aug 2022 12:29

Instrument :

MSVOA_W

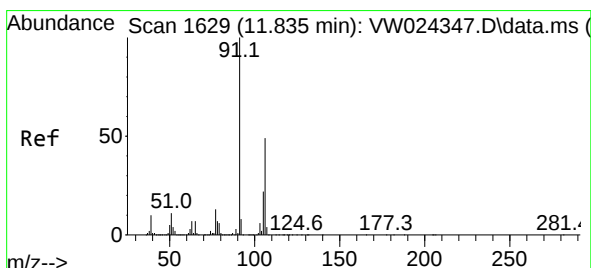
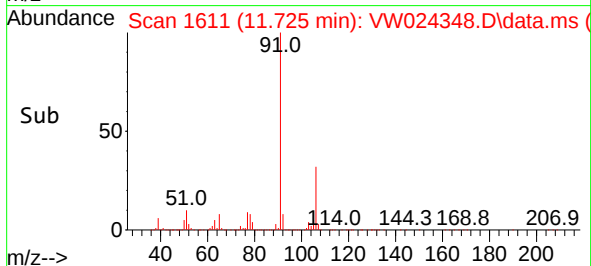
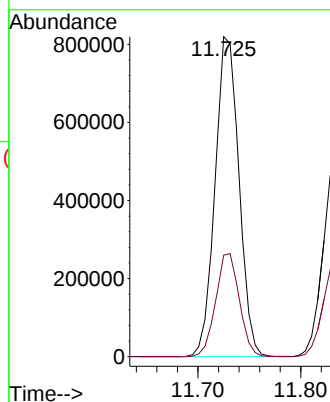
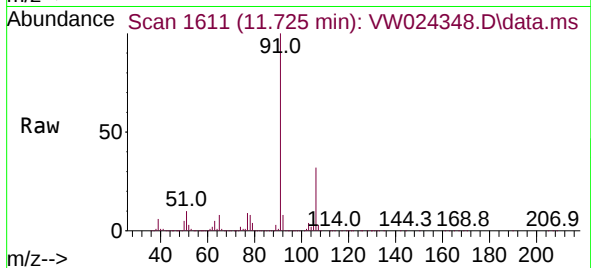
ClientSampleId :

Tgt Ion: 91 Resp: 1322614

Ion Ratio Lower Upper

91 100

106 31.7 22.7 42.3



#53

m,p-Xylene

Concen: 55.452 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW024348.D

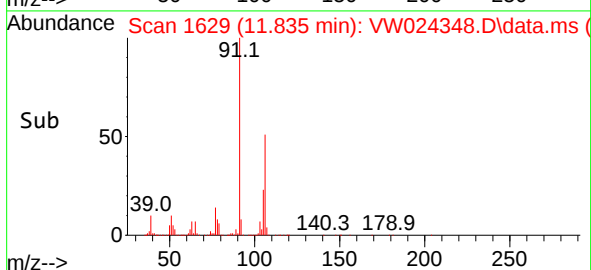
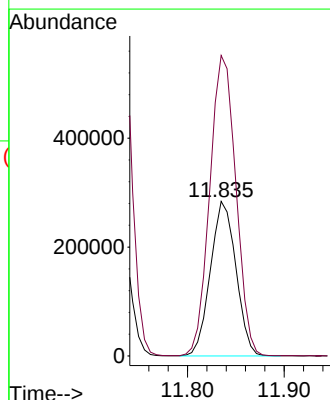
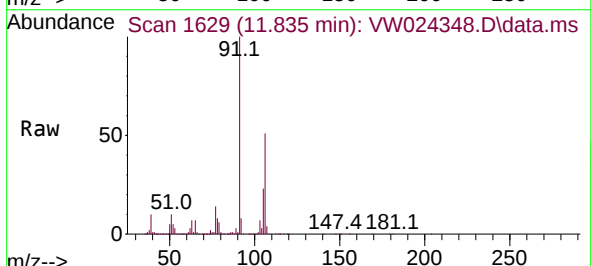
Acq: 26 Aug 2022 12:29

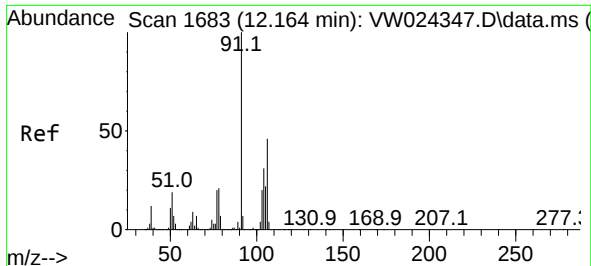
Tgt Ion:106 Resp: 521318

Ion Ratio Lower Upper

106 100

91 194.5 144.3 267.9

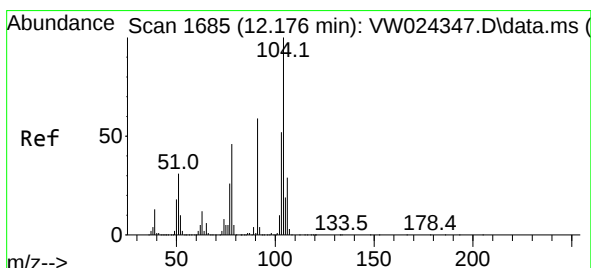
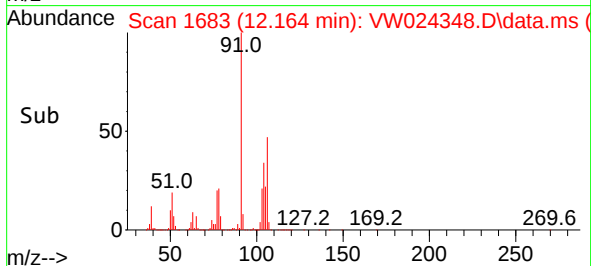
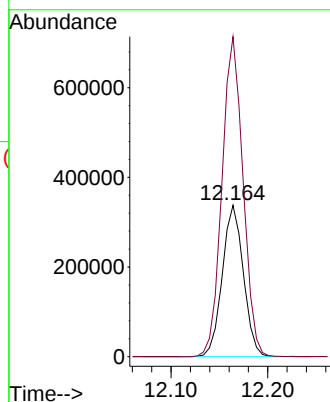
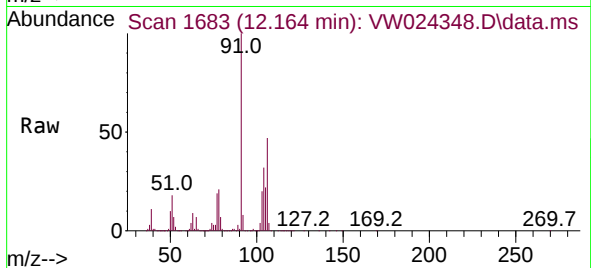




#54
o-Xylene
Concen: 58.140 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024348.D
Acq: 26 Aug 2022 12:29

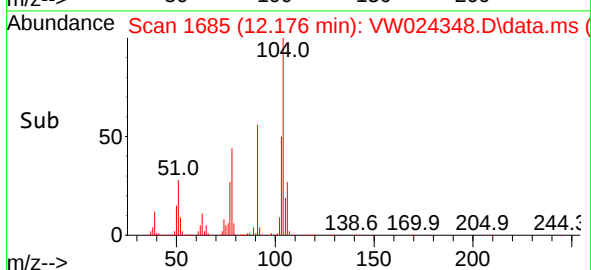
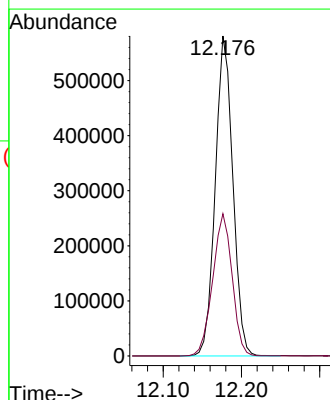
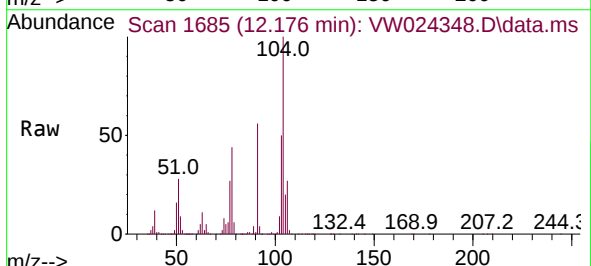
Instrument :
MSVOA_W
ClientSampleId :

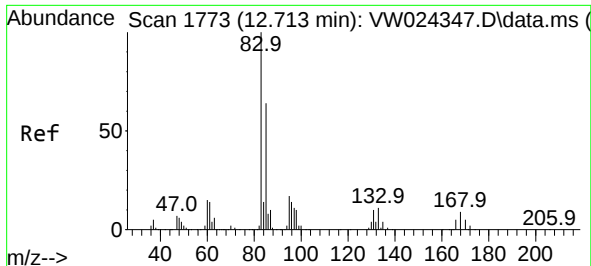
Tgt Ion:106 Resp: 510967
Ion Ratio Lower Upper
106 100
91 211.3 152.1 282.5



#55
Styrene
Concen: 58.380 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW024348.D
Acq: 26 Aug 2022 12:29

Tgt Ion:104 Resp: 906948
Ion Ratio Lower Upper
104 100
78 44.4 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 52.185 ug/L

RT: 12.713 min Scan# 11

Delta R.T. -0.000 min

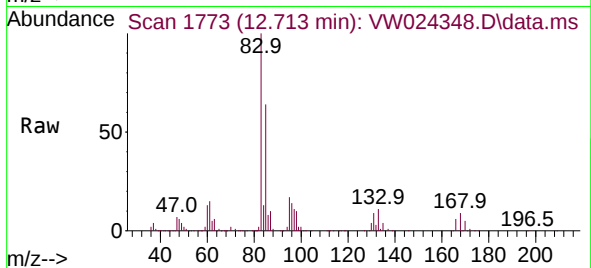
Lab File: VW024348.D

Acq: 26 Aug 2022 12:29

Instrument :

MSVOA_W

ClientSampleId :



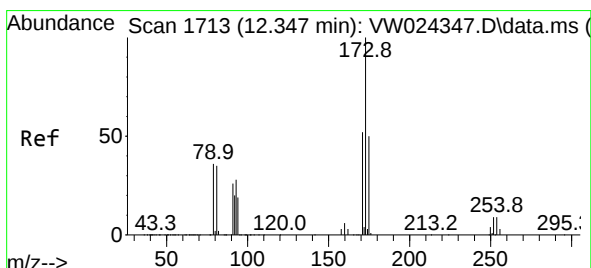
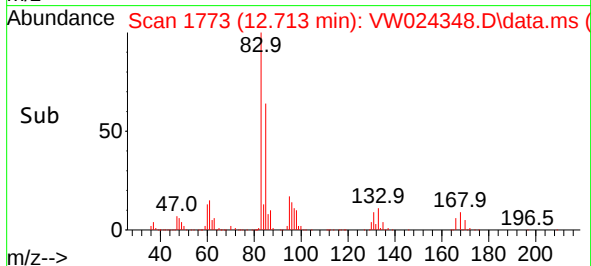
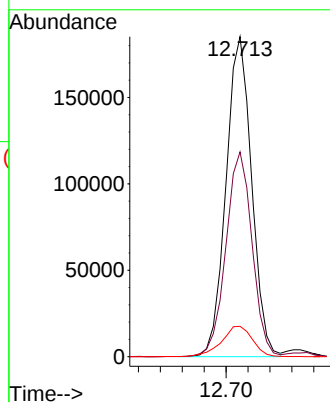
Tgt Ion: 83 Resp: 300759

Ion Ratio Lower Upper

83 100

85 64.0 44.4 82.5

131 9.5 8.4 12.6



#59

Bromoform

Concen: 53.921 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW024348.D

Acq: 26 Aug 2022 12:29

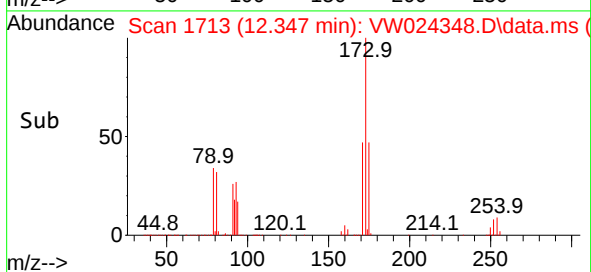
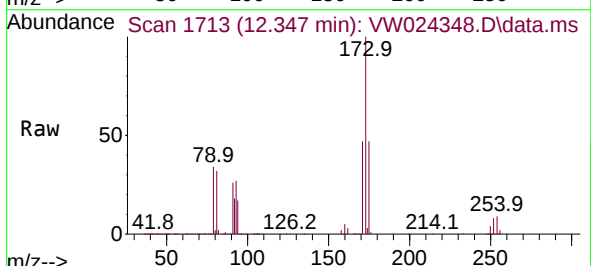
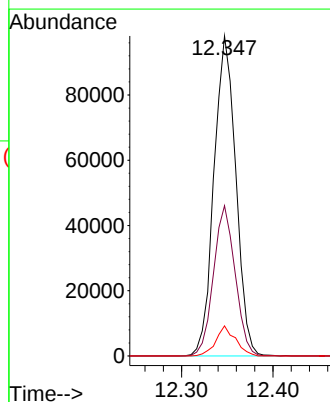
Tgt Ion:173 Resp: 163248

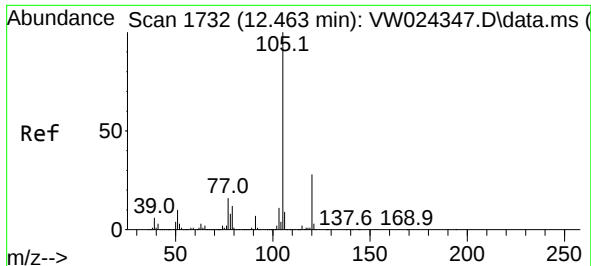
Ion Ratio Lower Upper

173 100

175 46.3 39.8 59.6

254 8.4 6.8 10.2

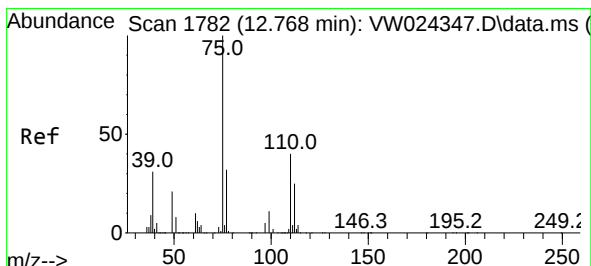
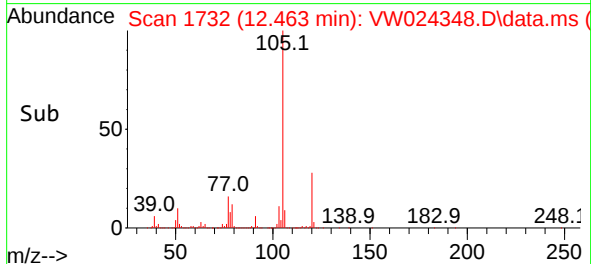
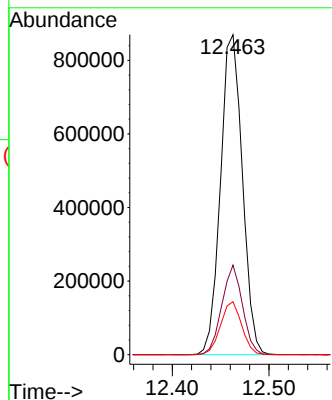
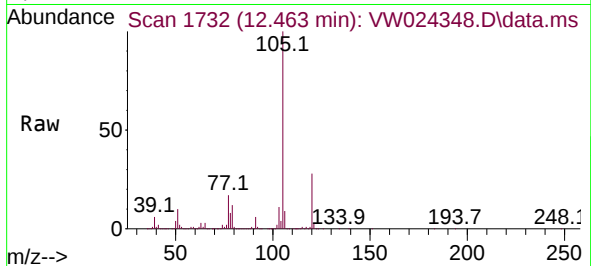




#60
Isopropylbenzene
Concen: 54.405 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW024348.D
Acq: 26 Aug 2022 12:29

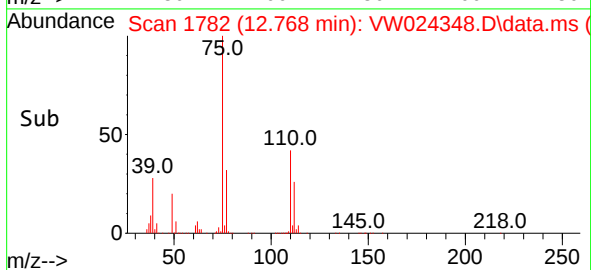
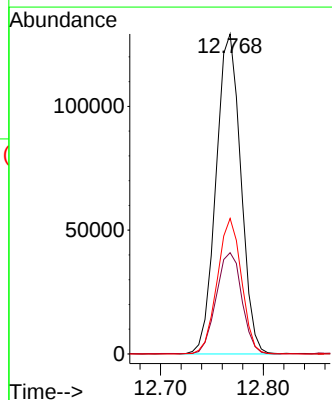
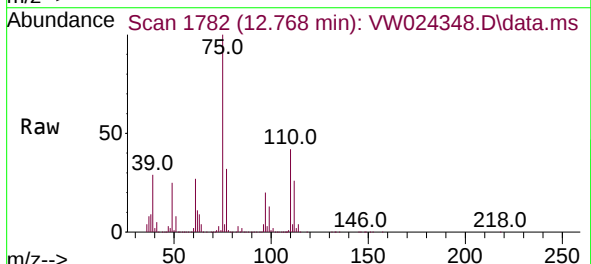
Instrument :
MSVOA_W
ClientSampleId :

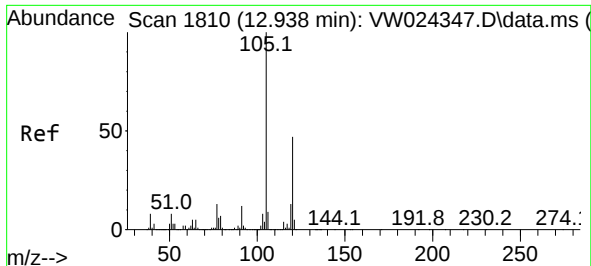
Tgt Ion:105 Resp: 1363234
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.0
77 16.1 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 50.480 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024348.D
Acq: 26 Aug 2022 12:29

Tgt Ion: 75 Resp: 216135
Ion Ratio Lower Upper
75 100
77 32.7 26.5 39.7
110 41.3 33.8 50.8

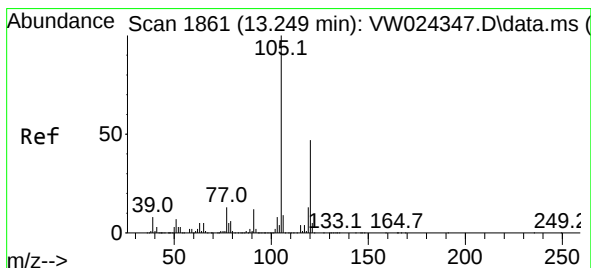
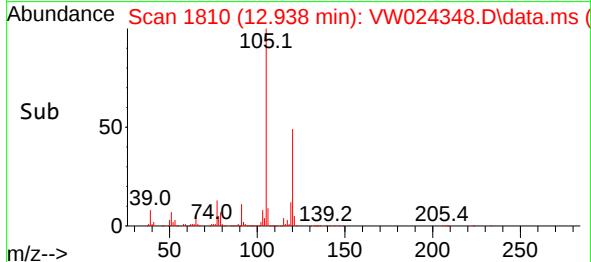
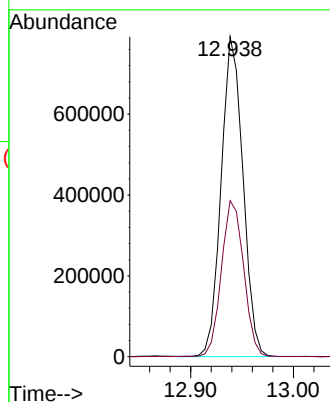
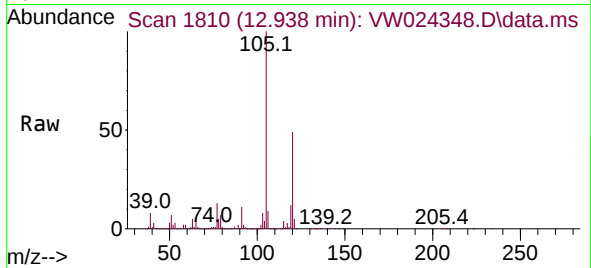




#62
 1,3,5-Trimethylbenzene
 Concen: 57.655 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VW024348.D
 Acq: 26 Aug 2022 12:29

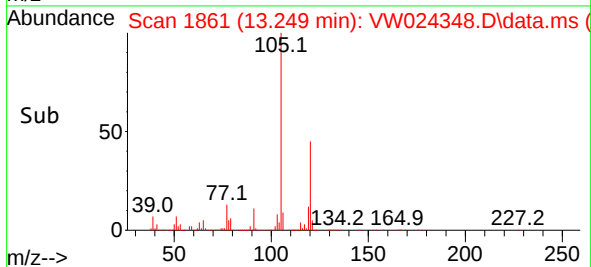
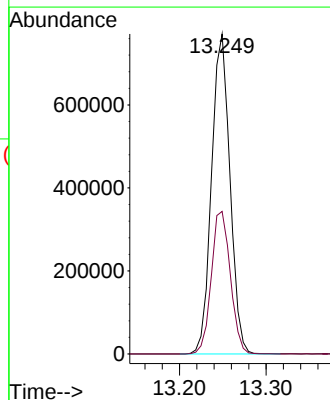
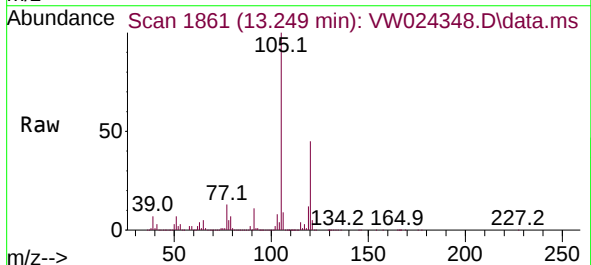
Instrument :
 MSVOA_W
 ClientSampleId :

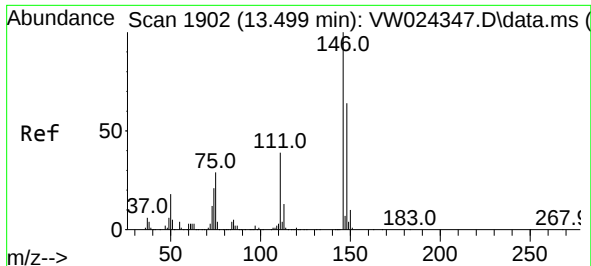
Tgt Ion:105 Resp: 1164889
 Ion Ratio Lower Upper
 105 100
 120 49.8 38.4 57.6



#63
 1,2,4-Trimethylbenzene
 Concen: 57.909 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW024348.D
 Acq: 26 Aug 2022 12:29

Tgt Ion:105 Resp: 1136462
 Ion Ratio Lower Upper
 105 100
 120 46.1 36.2 54.2

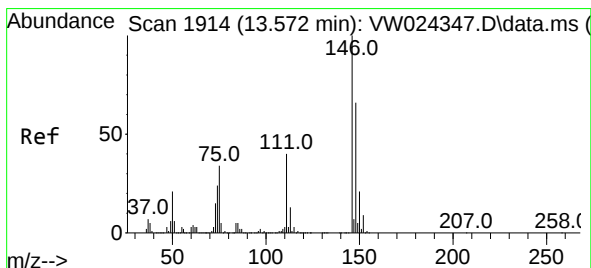
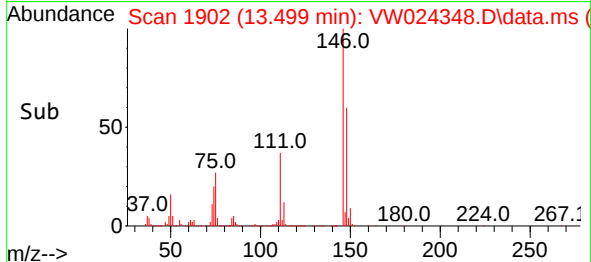
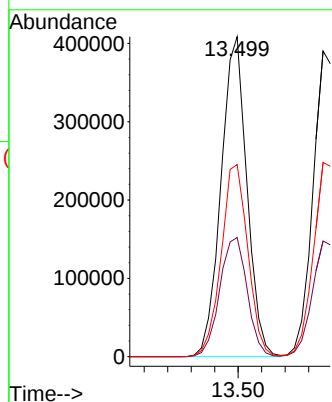
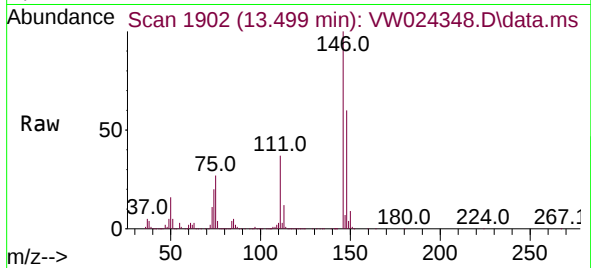




#64
1,3-Dichlorobenzene
Concen: 52.237 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW024348.D
Acq: 26 Aug 2022 12:29

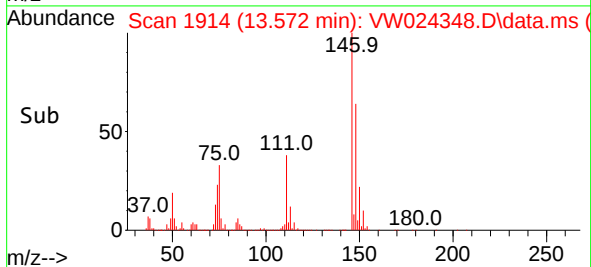
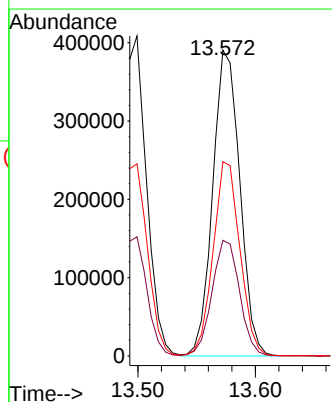
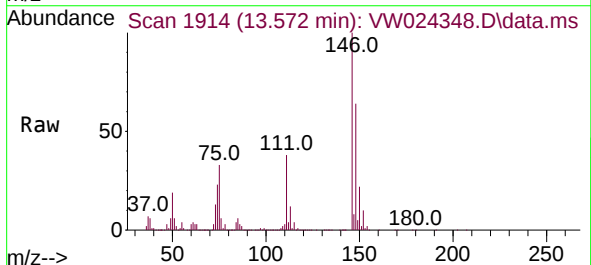
Instrument :
MSVOA_W
ClientSampleId :

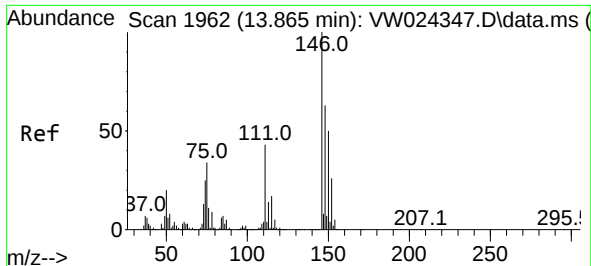
Tgt Ion:146 Resp: 625807
Ion Ratio Lower Upper
146 100
111 37.3 27.0 50.2
148 60.0 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 49.515 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW024348.D
Acq: 26 Aug 2022 12:29

Tgt Ion:146 Resp: 626283
Ion Ratio Lower Upper
146 100
111 37.8 27.7 51.5
148 63.5 46.5 86.5





#67

1,2-Dichlorobenzene

Concen: 51.704 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024348.D

Acq: 26 Aug 2022 12:29

Instrument :

MSVOA_W

ClientSampleId :

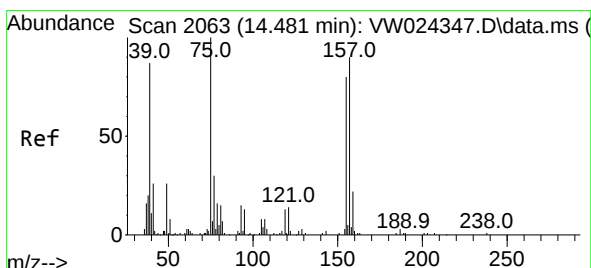
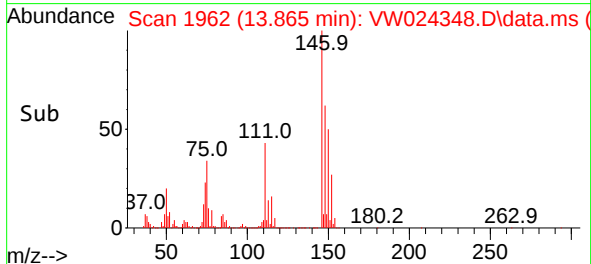
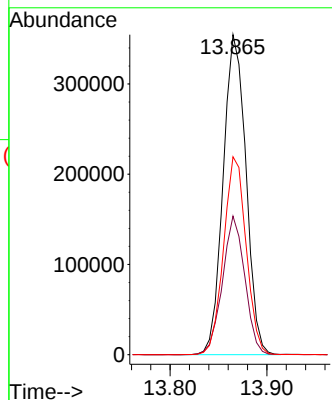
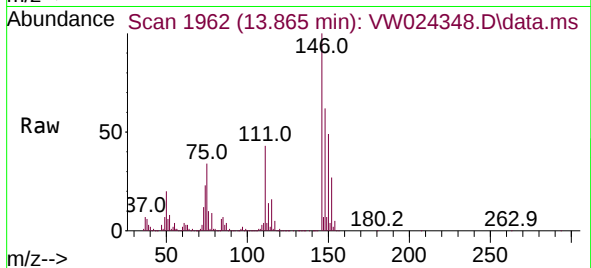
Tgt Ion:146 Resp: 580634

Ion Ratio Lower Upper

146 100

111 43.3 34.5 51.7

148 61.9 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 47.158 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024348.D

Acq: 26 Aug 2022 12:29

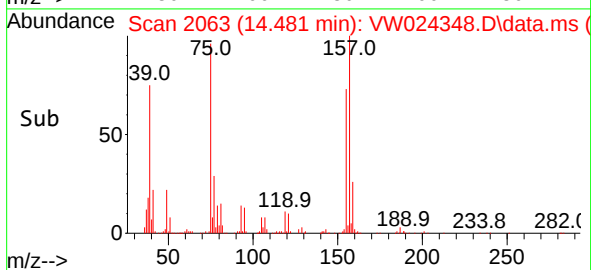
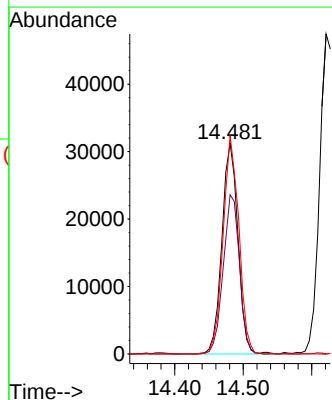
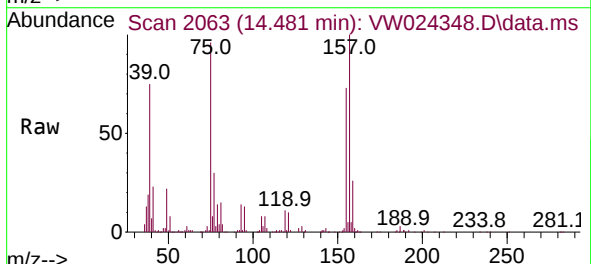
Tgt Ion: 75 Resp: 50546

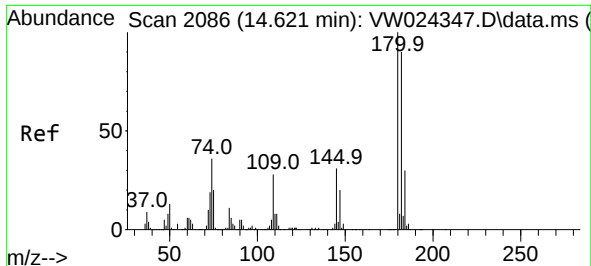
Ion Ratio Lower Upper

75 100

155 75.6 63.9 95.9

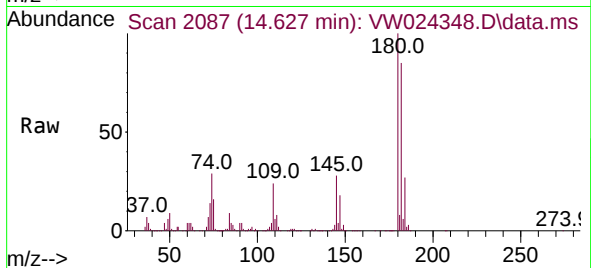
157 103.8 72.2 108.4



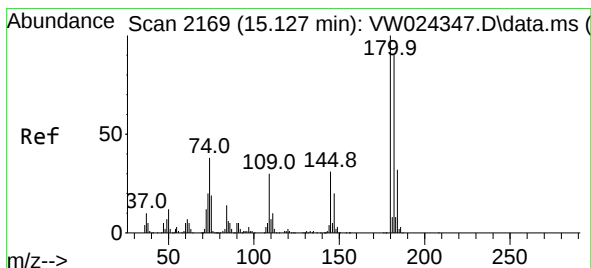
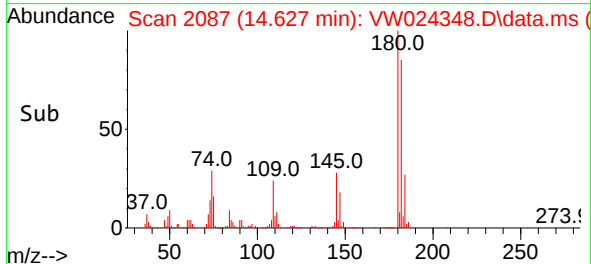
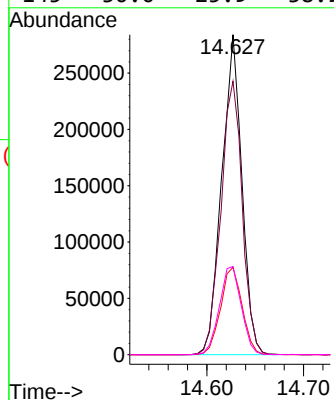


#69
 1,3,5-Trichlorobenzene
 Concen: 52.972 ug/L
 RT: 14.627 min Scan# 2086
 Delta R.T. 0.006 min
 Lab File: VW024348.D
 Acq: 26 Aug 2022 12:29

Instrument :
 MSVOA_W
 ClientSampleId :

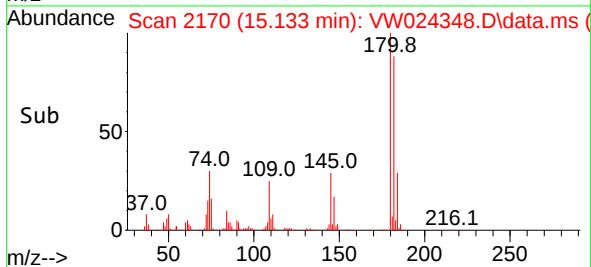
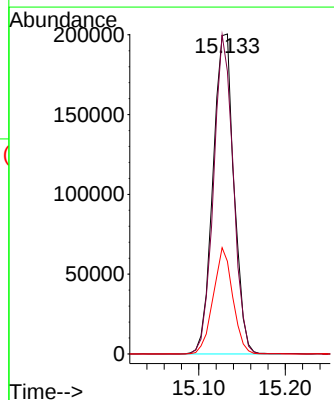
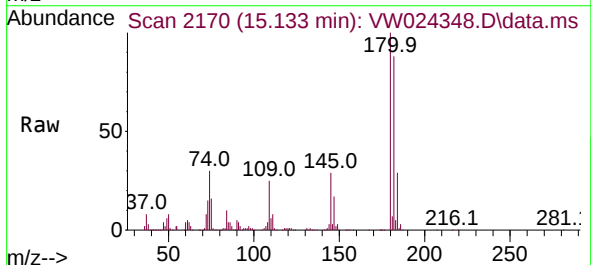


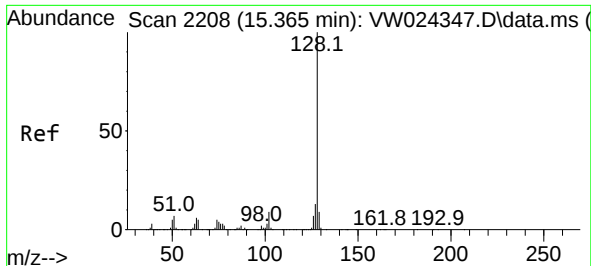
Tgt Ion:	180	Resp:	409607
Ion Ratio	Lower	Upper	
180	100		
182	90.9	76.6	114.8
184	29.2	24.5	36.7
145	30.0	25.9	38.9



#70
 1,2,4-trichlorobenzene
 Concen: 56.080 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW024348.D
 Acq: 26 Aug 2022 12:29

Tgt Ion:	180	Resp:	337096
Ion Ratio	Lower	Upper	
180	100		
182	93.8	72.6	109.0
145	31.0	26.2	39.2

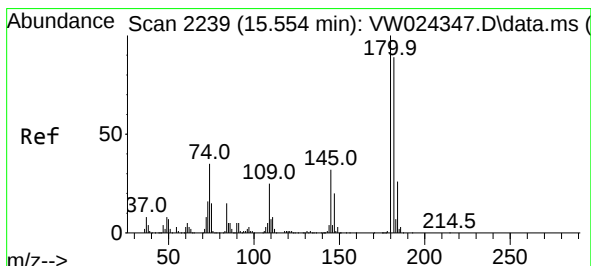
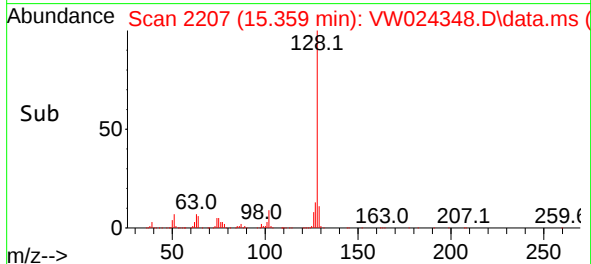
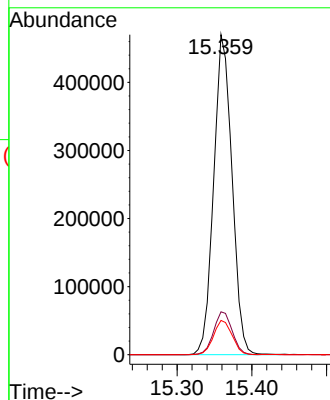
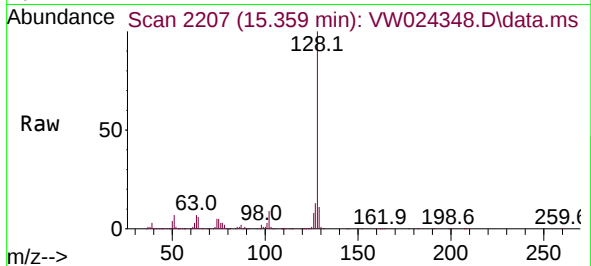




#71
Naphthalene
Concen: 60.705 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW024348.D
Acq: 26 Aug 2022 12:29

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 801389
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 10.9 8.3 12.5



#72
1,2,3-Trichlorobenzene
Concen: 53.562 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW024348.D
Acq: 26 Aug 2022 12:29

Tgt Ion:180 Resp: 304287
Ion Ratio Lower Upper
180 100
182 91.9 74.6 111.8
145 33.3 26.6 40.0

