

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092122\
 Data File : VW024620.D
 Acq On : 21 Sep 2022 14:47
 Operator : SY/VA
 Sample : VSTD10043
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 22 01:35:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 22 01:32:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	459645	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	452651	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	237311	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	955817	91.135	ug/L	0.00
7) Chloroethane-d5	2.867	69	851089	96.319	ug/L	-0.01
11) 1,1-Dichloroethene-d2	4.013	63	1163153	99.999	ug/L	0.00
21) 2-Butanone-d5	7.086	46	285934	203.050	ug/L	0.00
24) Chloroform-d	7.647	84	1253926	95.926	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	659721	93.287	ug/L	0.00
32) Benzene-d6	8.275	84	2439703	96.131	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	693802	95.290	ug/L	0.00
41) Toluene-d8	10.323	98	2424501	98.194	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	341268	104.972	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	257534	221.474	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	596860	93.998	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	850449	100.100	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	276519	132.393	ug/L	96
3) Chloromethane	2.209	50	797228	97.389	ug/L	98
5) Vinyl chloride	2.355	62	1061378	91.984	ug/L	97
6) Bromomethane	2.764	94	886435	86.505	ug/L	98
8) Chloroethane	2.904	64	674273	94.597	ug/L	98
9) Trichlorofluoromethane	3.245	101	433728	96.093	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	646335	99.096	ug/L #	74
12) 1,1-Dichloroethene	4.032	96	598980	103.880	ug/L	95
13) Acetone	4.135	43	178792	168.679	ug/L	99
14) Carbon disulfide	4.379	76	1861341	103.603	ug/L	98
15) Methyl Acetate	4.672	43	254866	99.555	ug/L	99
16) Methylene chloride	4.909	84	624835	80.419	ug/L	95
17) trans-1,2-Dichloroethene	5.422	96	683714	110.019	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	1110926	106.584	ug/L	99
19) 1,1-Dichloroethane	6.214	63	1119887	101.704	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	730182	107.262	ug/L #	92
22) 2-Butanone	7.177	43	337629	208.290	ug/L	97
23) Bromochloromethane	7.513	128	338057	104.544	ug/L	95
25) Chloroform	7.671	83	1224432	100.940	ug/L	98
27) 1,2-Dichloroethane	8.397	62	789153	98.106	ug/L	99
29) Cyclohexane	7.952	56	1069427	105.715	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	1031228	98.082	ug/L	98
31) Carbon tetrachloride	8.067	117	994894	99.452	ug/L	100
33) Benzene	8.323	78	2655212	98.475	ug/L	100
34) Trichloroethene	9.092	95	727176	99.520	ug/L	96
35) Methylcyclohexane	9.335	83	1272589	104.381	ug/L	98
37) 1,2-Dichloropropane	9.366	63	620561	97.988	ug/L	98
38) Bromodichloromethane	9.640	83	916567	101.720	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	1078686	109.205	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	800749	220.148	ug/L	99
42) Toluene	10.384	91	3036850	100.325	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	955441	108.900	ug/L	96

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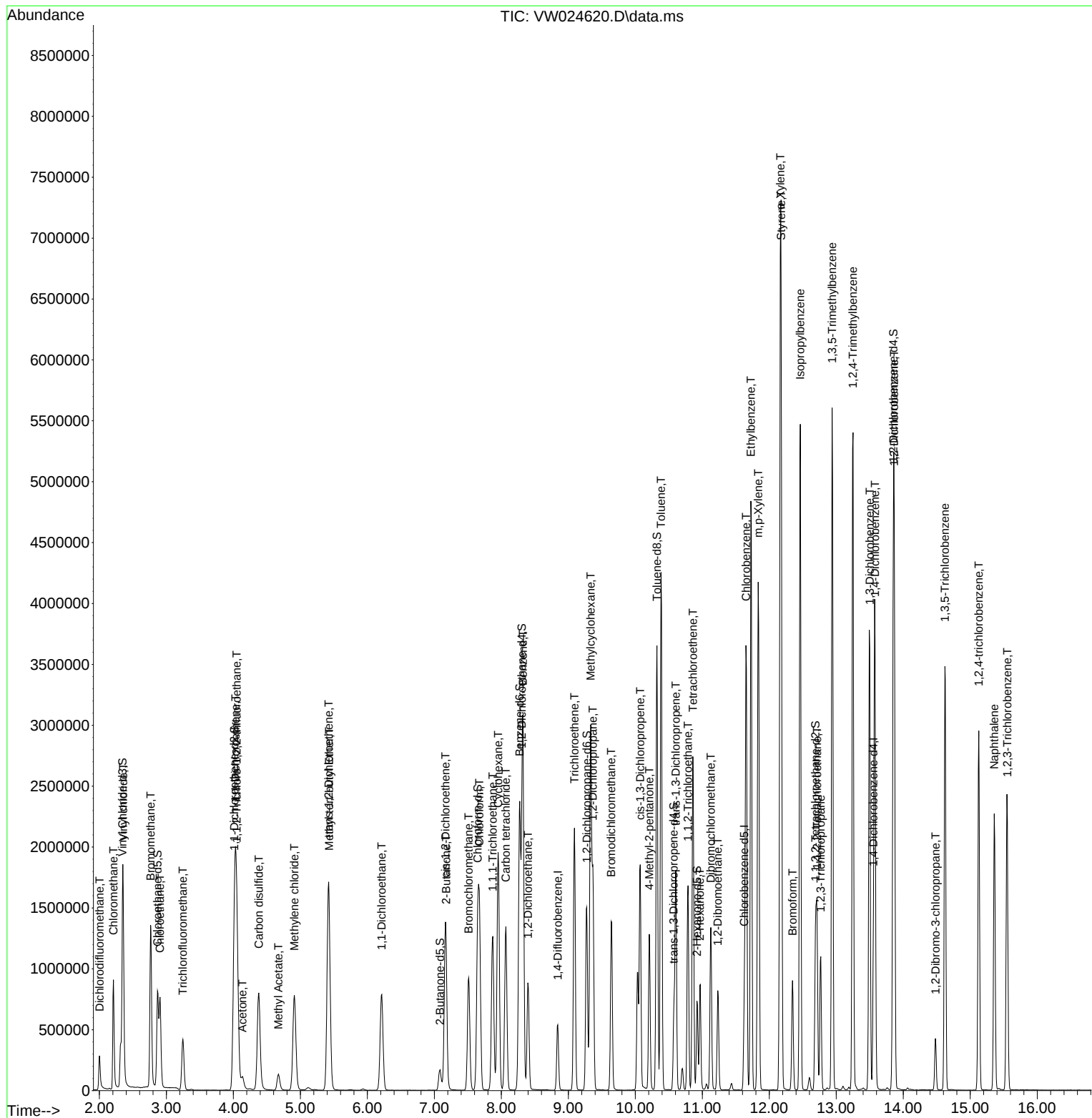
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	525847	99.772	ug/L	98
46) Tetrachloroethene	10.860	164	599934	104.349	ug/L	95
48) 2-Hexanone	10.963	43	540836	216.704	ug/L	98
49) Dibromochloromethane	11.128	129	680036	106.745	ug/L	96
50) 1,2-Dibromoethane	11.231	107	524823	102.057	ug/L	98
51) Chlorobenzene	11.652	112	1940954	97.232	ug/L	99
52) Ethylbenzene	11.725	91	3379729	101.649	ug/L	100
53) m,p-Xylene	11.835	106	1354649	102.595	ug/L	100
54) o-Xylene	12.164	106	1320463	106.604	ug/L	92
55) Styrene	12.176	104	2283398	107.175	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	617598	97.954	ug/L	99
59) Bromoform	12.347	173	393031	113.386	ug/L	96
60) Isopropylbenzene	12.463	105	3522774	105.777	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	432182	97.633	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	2944340	108.820	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	2952671	109.063	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	1586513	105.633	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	1573433	101.842	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	1397619	100.778	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	99884	96.903	ug/L	86
69) 1,3,5-Trichlorobenzene	14.621	180	1039894	105.329	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	892411	112.980	ug/L	98
71) Naphthalene	15.359	128	1907277	120.772	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	798408	111.233	ug/L	98

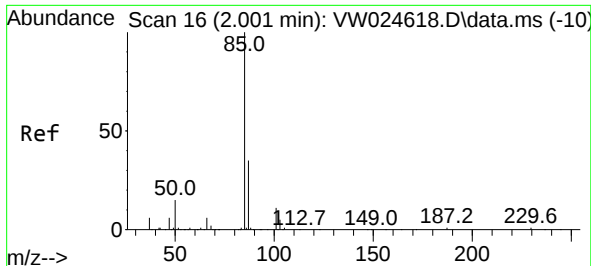
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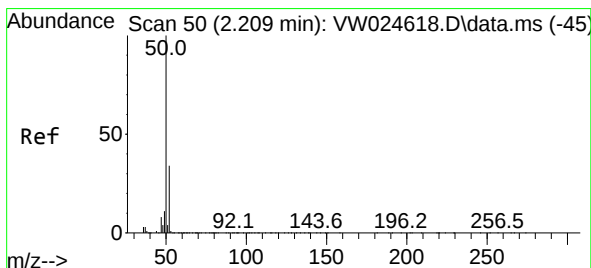
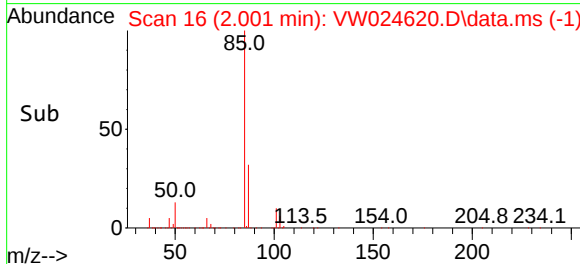
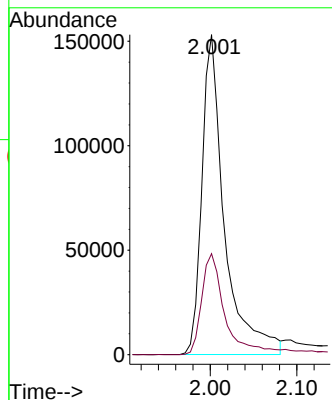
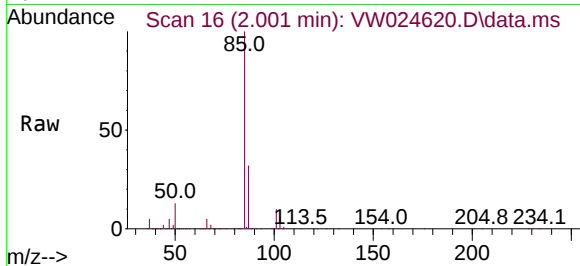




#2
 Dichlorodifluoromethane
 Concen: 132.393 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW024620.D
 Acq: 21 Sep 2022 14:47

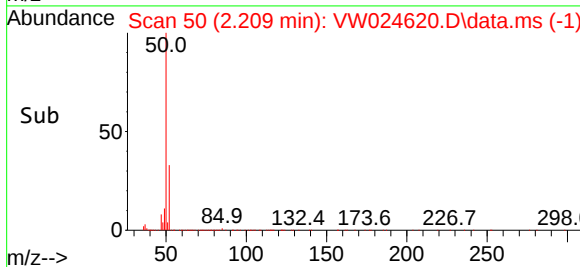
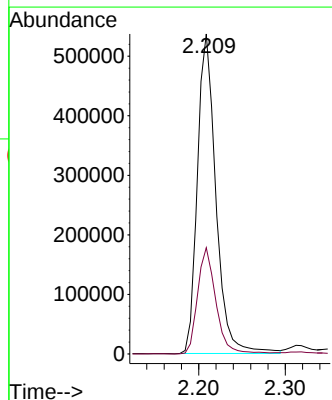
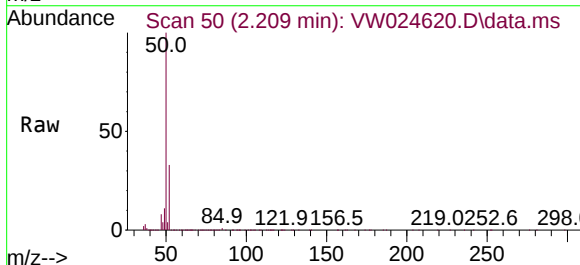
Instrument :
 MSVOA_W
 ClientSampleId :

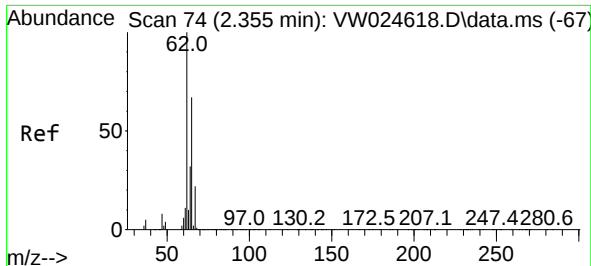
Tgt Ion: 85 Resp: 276519
 Ion Ratio Lower Upper
 85 100
 87 32.6 27.9 41.9



#3
 Chloromethane
 Concen: 97.389 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VW024620.D
 Acq: 21 Sep 2022 14:47

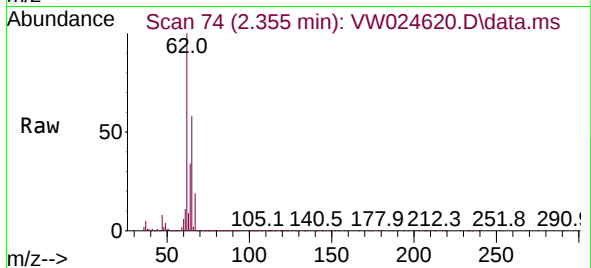
Tgt Ion: 50 Resp: 797228
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.9 44.3



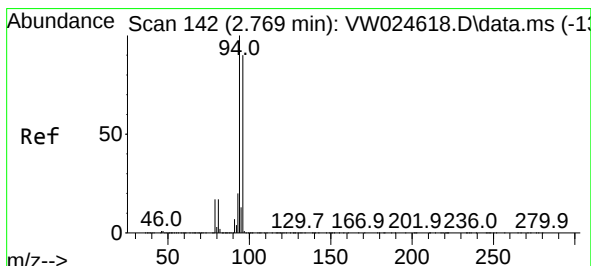
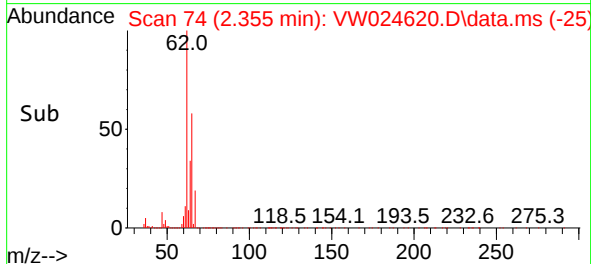
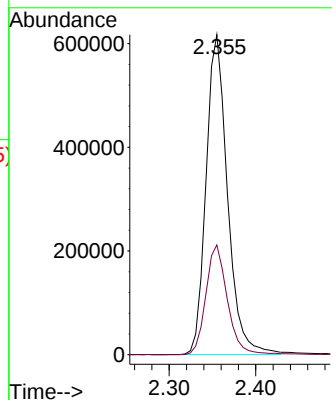


#5
 Vinyl chloride
 Concen: 91.984 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW024620.D
 Acq: 21 Sep 2022 14:47

Instrument :
 MSVOA_W
 ClientSampleId :

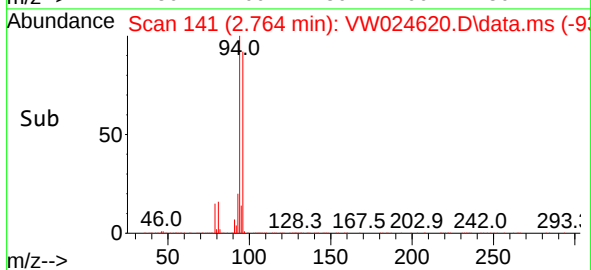
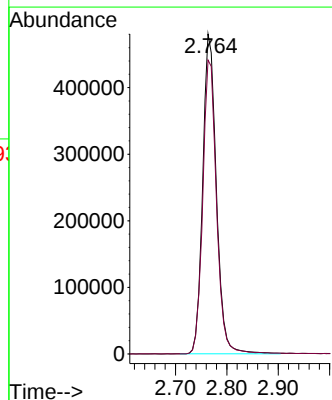
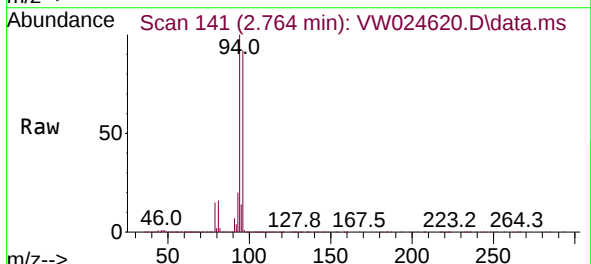


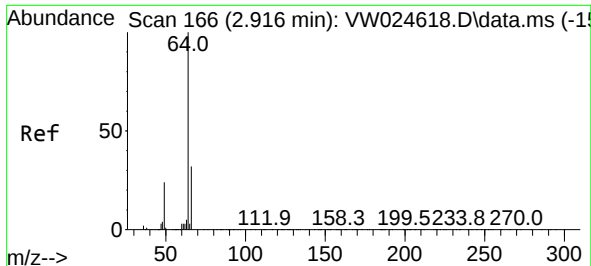
Tgt Ion: 62 Resp: 1061378
 Ion Ratio Lower Upper
 62 100
 64 34.3 22.7 42.1



#6
 Bromomethane
 Concen: 86.505 ug/L
 RT: 2.764 min Scan# 141
 Delta R.T. -0.006 min
 Lab File: VW024620.D
 Acq: 21 Sep 2022 14:47

Tgt Ion: 94 Resp: 886435
 Ion Ratio Lower Upper
 94 100
 96 91.8 63.0 117.0

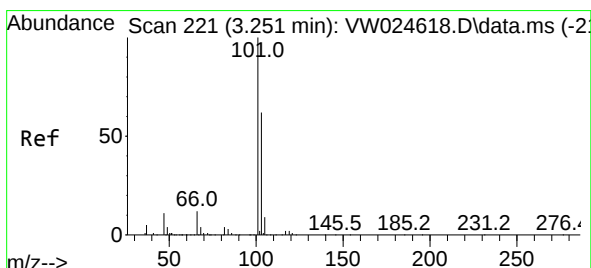
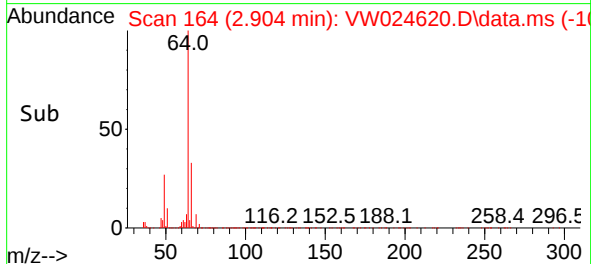
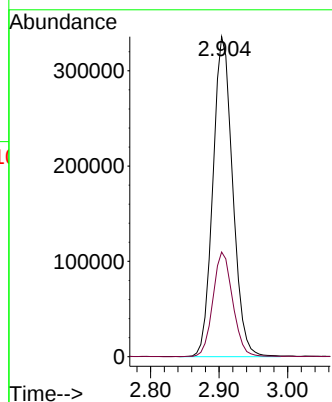
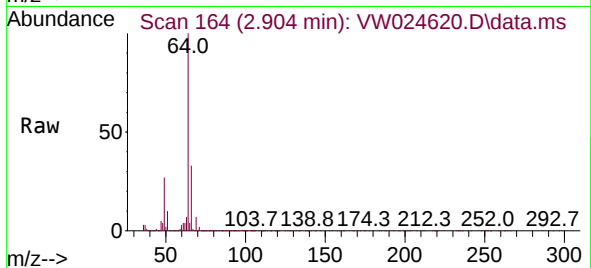




#8
Chloroethane
Concen: 94.597 ug/L
RT: 2.904 min Scan# 1
Delta R.T. -0.012 min
Lab File: VW024620.D
Acq: 21 Sep 2022 14:47

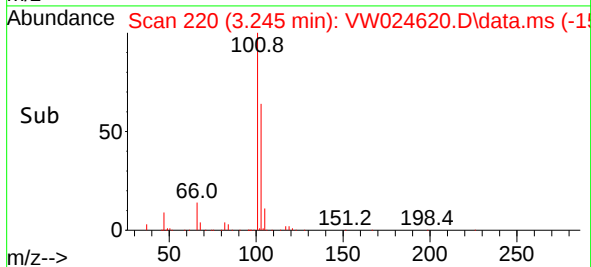
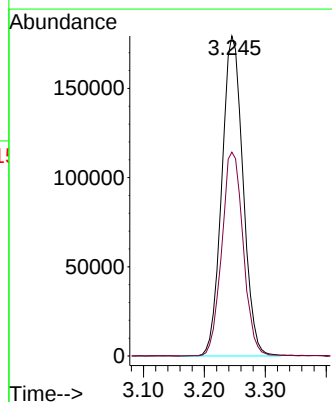
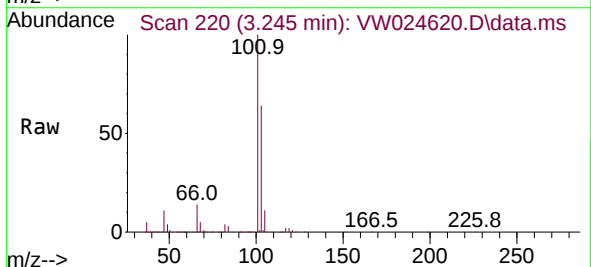
Instrument :
MSVOA_W
ClientSampleId :

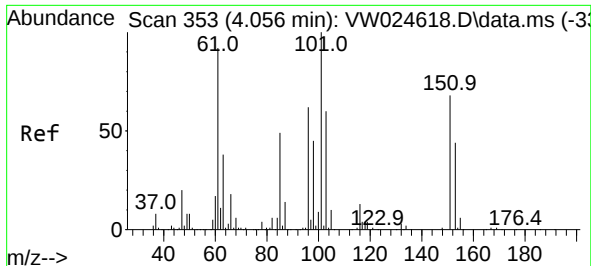
Tgt Ion: 64 Resp: 674273
Ion Ratio Lower Upper
64 100
66 32.7 22.3 41.3



#9
Trichlorofluoromethane
Concen: 96.093 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.006 min
Lab File: VW024620.D
Acq: 21 Sep 2022 14:47

Tgt Ion: 101 Resp: 433728
Ion Ratio Lower Upper
101 100
103 64.1 51.7 77.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 99.096 ug/L

RT: 4.050 min Scan# 31

Delta R.T. -0.006 min

Lab File: VW024620.D

Acq: 21 Sep 2022 14:47

Instrument :

MSVOA_W

ClientSampleId :

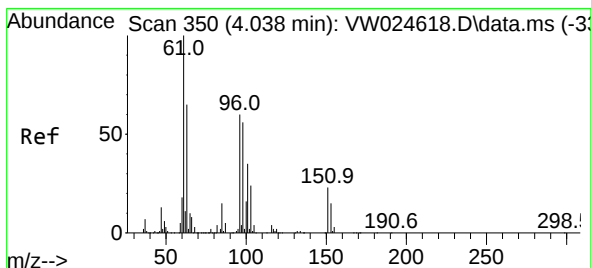
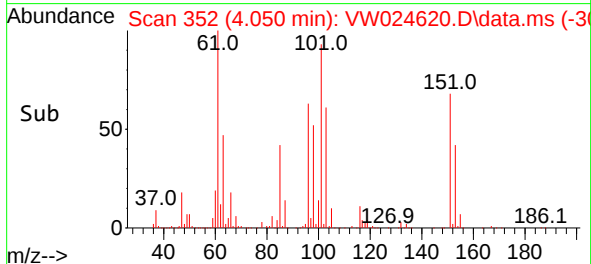
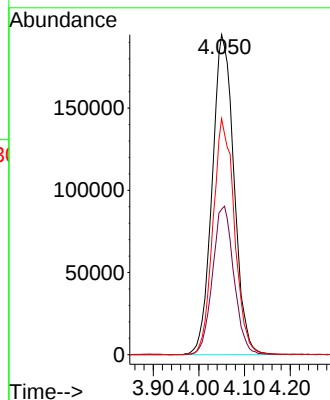
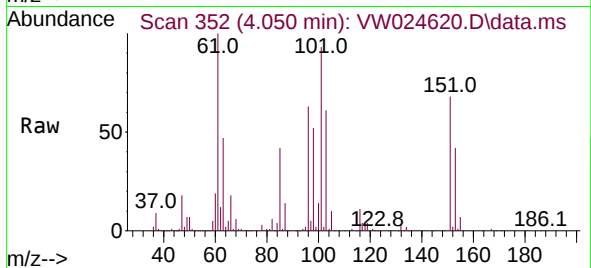
Tgt Ion:101 Resp: 646335

Ion Ratio Lower Upper

101 100

85 45.4 37.4 56.0

151 72.3 31.5 47.3#



#12

1,1-Dichloroethene

Concen: 103.880 ug/L

RT: 4.032 min Scan# 349

Delta R.T. -0.006 min

Lab File: VW024620.D

Acq: 21 Sep 2022 14:47

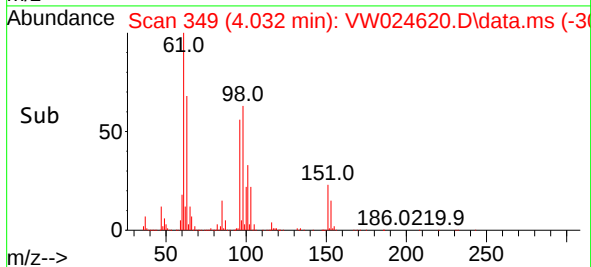
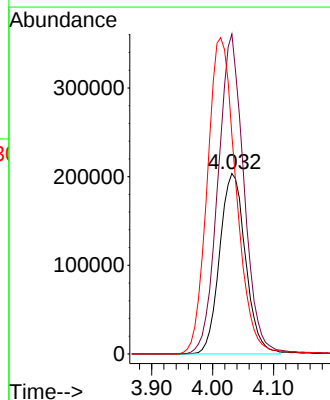
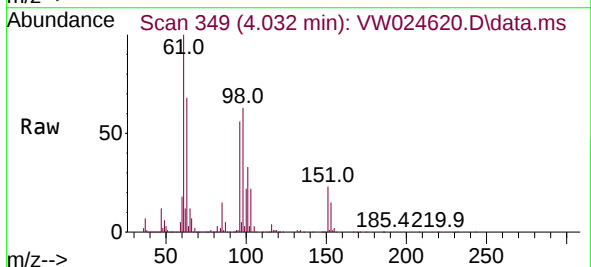
Tgt Ion: 96 Resp: 598980

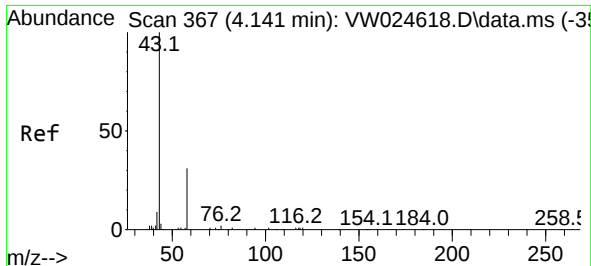
Ion Ratio Lower Upper

96 100

61 177.3 118.4 220.0

63 121.2 82.4 153.0

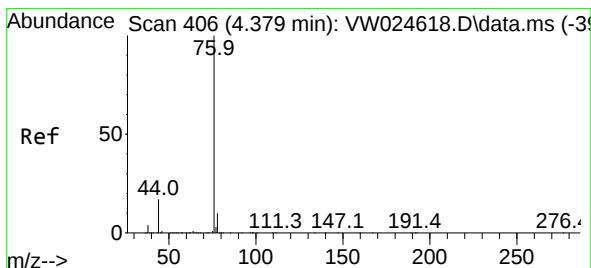
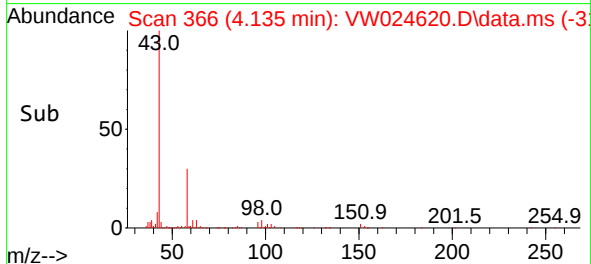
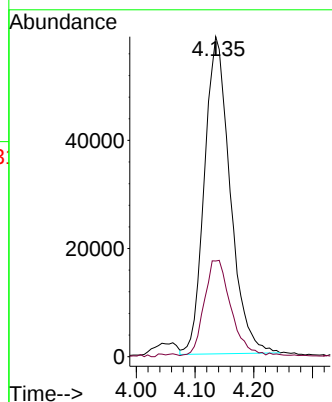
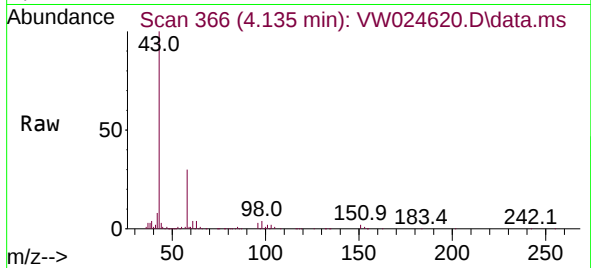




#13
Acetone
Concen: 168.679 ug/L
RT: 4.135 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW024620.D
Acq: 21 Sep 2022 14:47

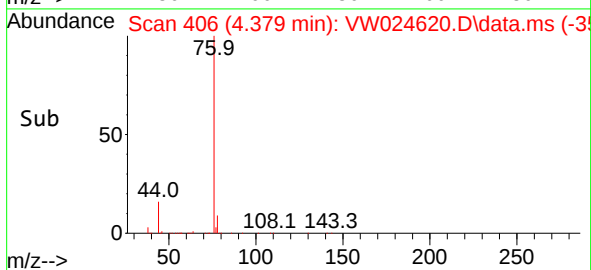
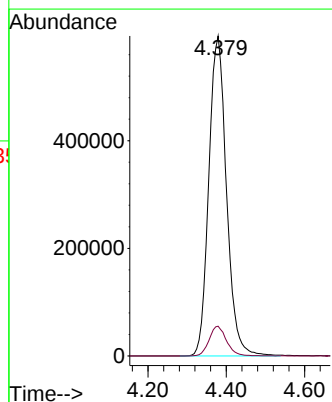
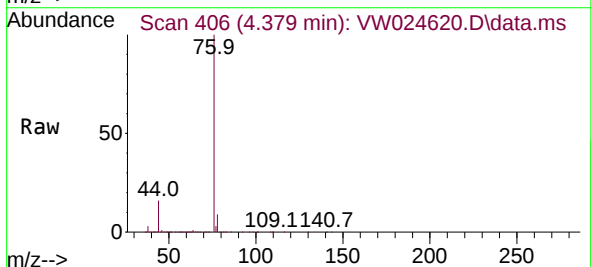
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MSVOA_W
ClientSampleId :

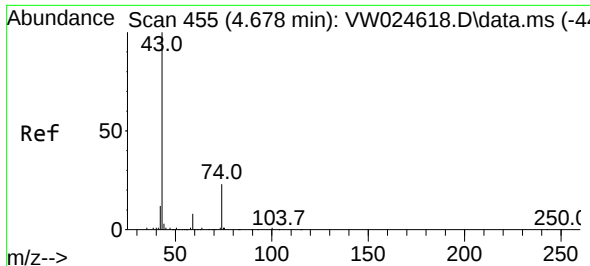
Tgt Ion: 43 Resp: 178792
Ion Ratio Lower Upper
43 100
58 30.7 0.0 62.2



#14
Carbon disulfide
Concen: 103.603 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW024620.D
Acq: 21 Sep 2022 14:47

Tgt Ion: 76 Resp: 1861341
Ion Ratio Lower Upper
76 100
78 9.3 8.2 12.2

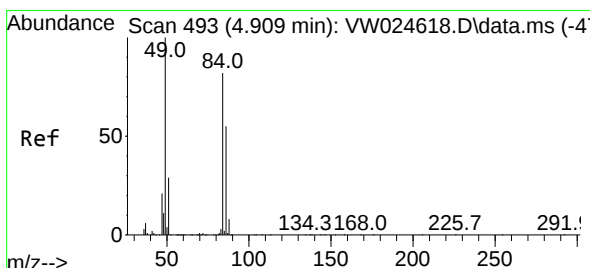
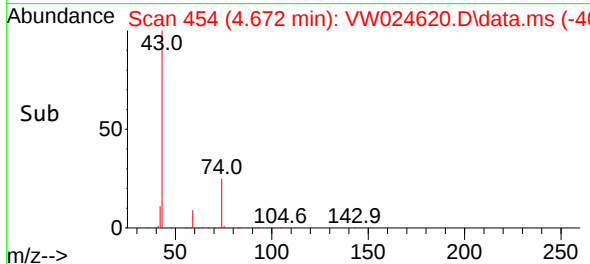
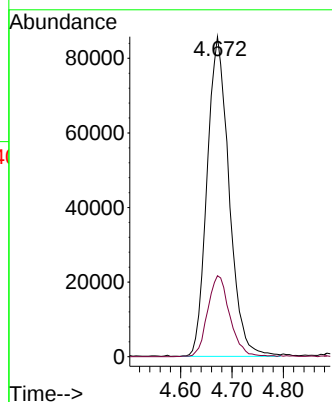
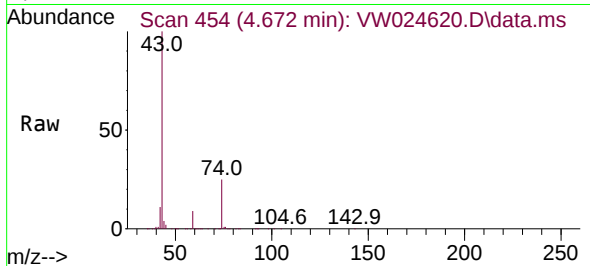




#15
Methyl Acetate
Concen: 99.555 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW024620.D
Acq: 21 Sep 2022 14:47

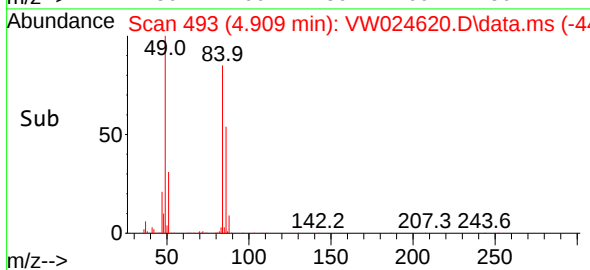
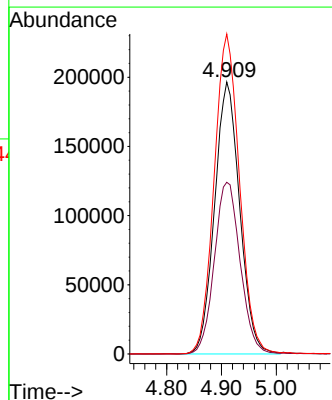
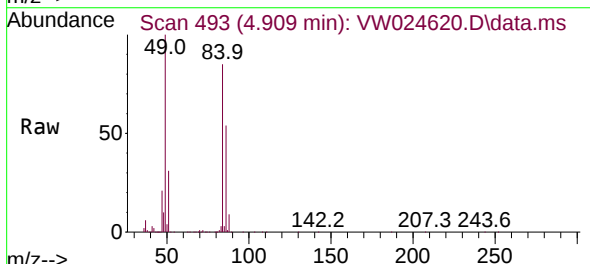
Instrument :
MSVOA_W
ClientSampleId :

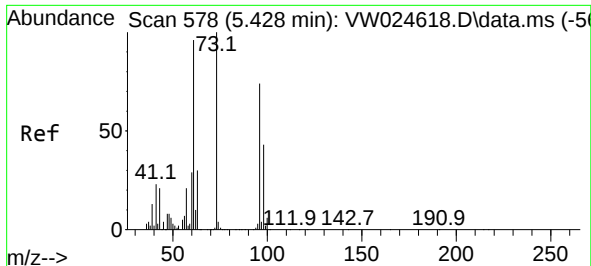
Tgt Ion: 43 Resp: 254866
Ion Ratio Lower Upper
43 100
74 25.4 20.6 31.0



#16
Methylene chloride
Concen: 80.419 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024620.D
Acq: 21 Sep 2022 14:47

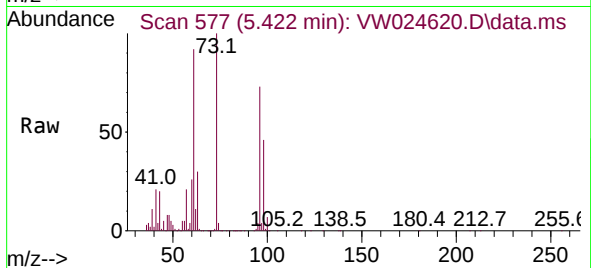
Tgt Ion: 84 Resp: 624835
Ion Ratio Lower Upper
84 100
86 63.1 46.8 87.0
49 117.6 86.0 159.8



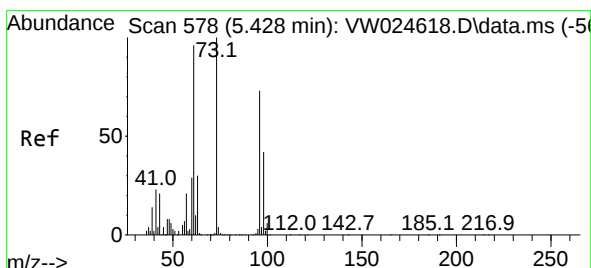
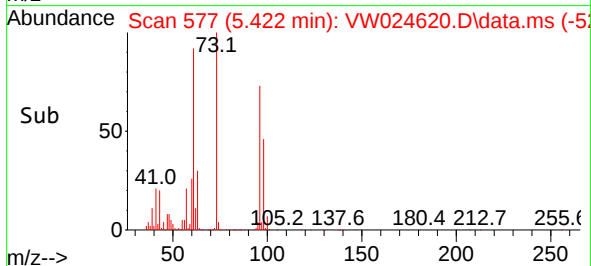
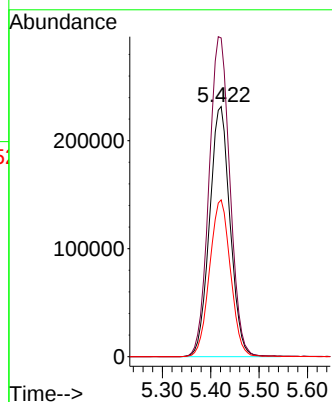


#17
trans-1,2-Dichloroethene
Concen: 110.019 ug/L
RT: 5.422 min Scan# 517
Delta R.T. -0.006 min
Lab File: VW024620.D
Acq: 21 Sep 2022 14:47

Instrument :
MSVOA_W
ClientSampleId :

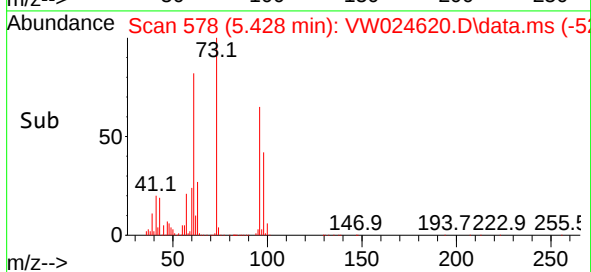
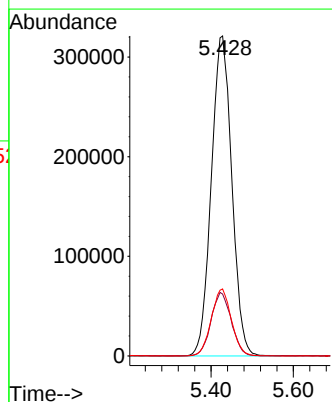
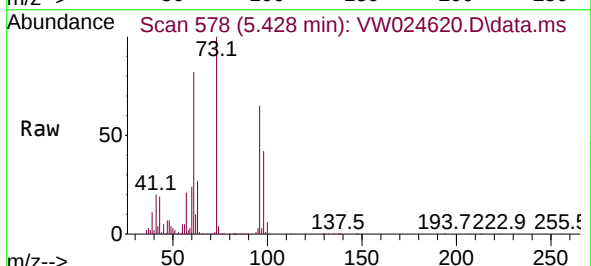


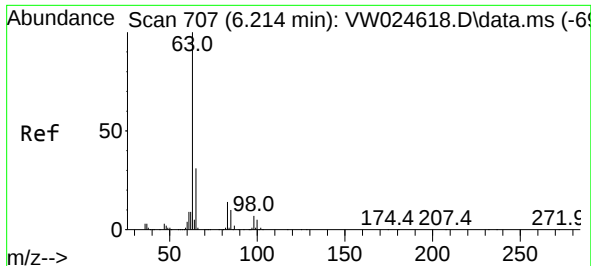
Tgt Ion: 96 Resp: 683714
Ion Ratio Lower Upper
96 100
61 127.4 91.2 169.4
98 62.7 40.5 75.1



#18
Methyl tert-butyl Ether
Concen: 106.584 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW024620.D
Acq: 21 Sep 2022 14:47

Tgt Ion: 73 Resp: 1110926
Ion Ratio Lower Upper
73 100
43 19.5 16.0 24.0
57 20.5 17.0 25.6





#19

1,1-Dichloroethane

Concen: 101.704 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW024620.D

Acq: 21 Sep 2022 14:47

Instrument :

MSVOA_W

ClientSampleId :

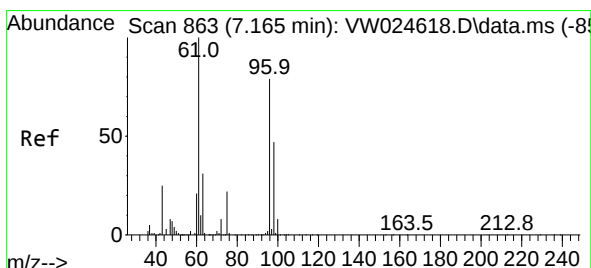
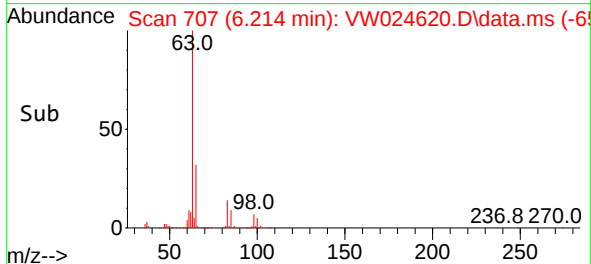
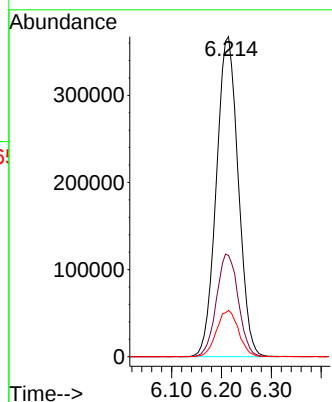
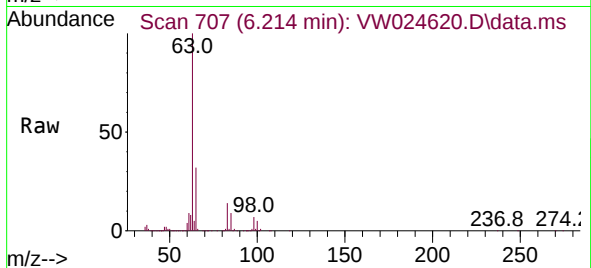
Tgt Ion: 63 Resp: 1119887

Ion Ratio Lower Upper

63 100

65 31.7 21.9 40.7

83 14.5 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 107.262 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW024620.D

Acq: 21 Sep 2022 14:47

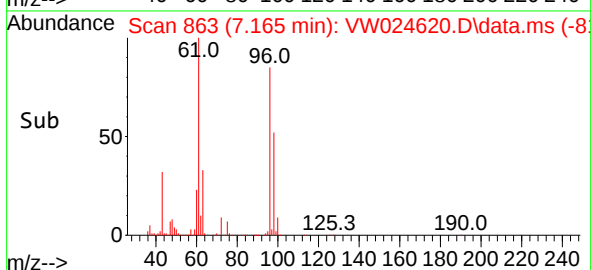
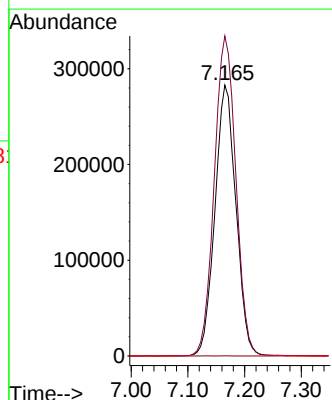
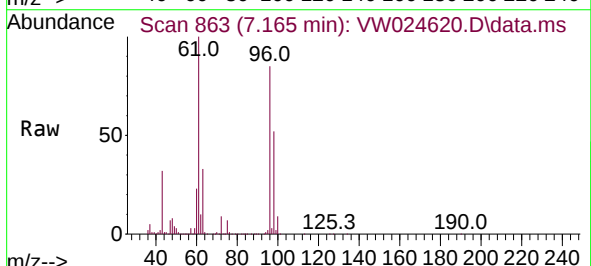
Tgt Ion: 96 Resp: 730182

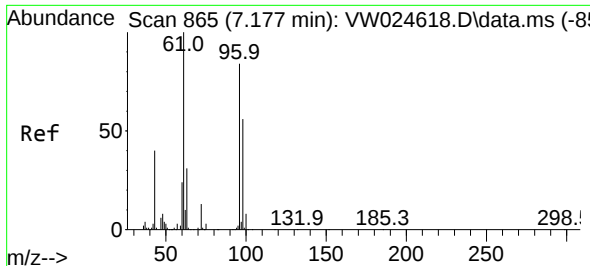
Ion Ratio Lower Upper

96 100

61 118.1 88.9 165.1

68 0.0 0.1 0.1#

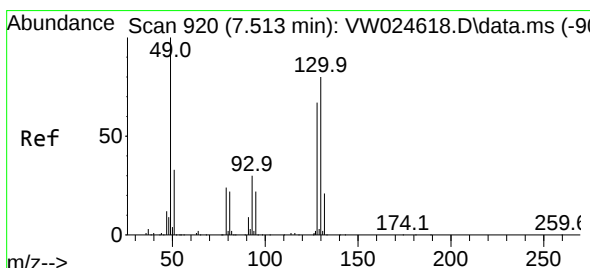
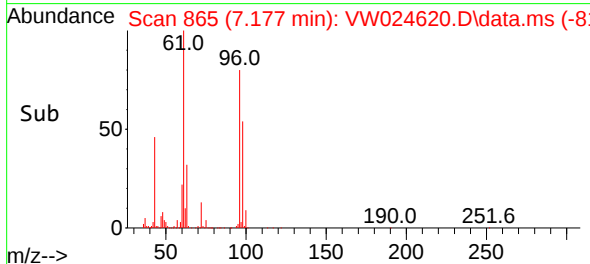
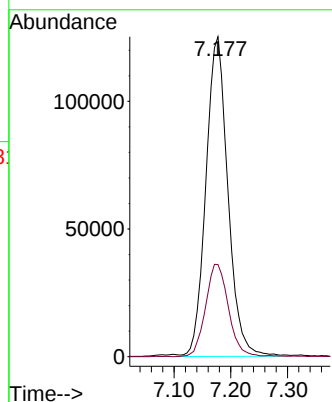
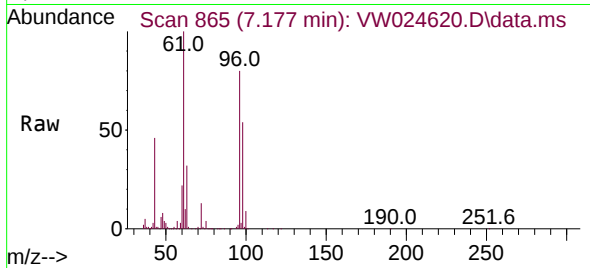




#22
2-Butanone
Concen: 208.290 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW024620.D
Acq: 21 Sep 2022 14:47

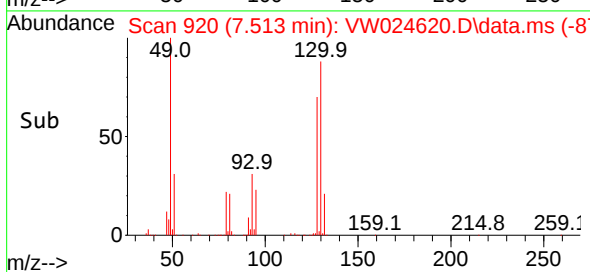
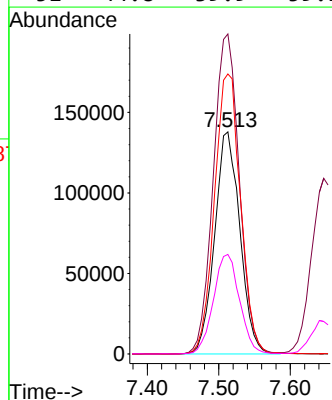
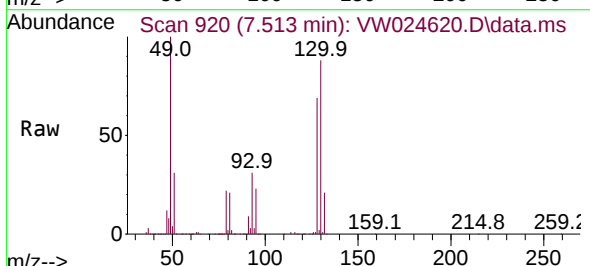
Instrument :
MSVOA_W
ClientSampleId :

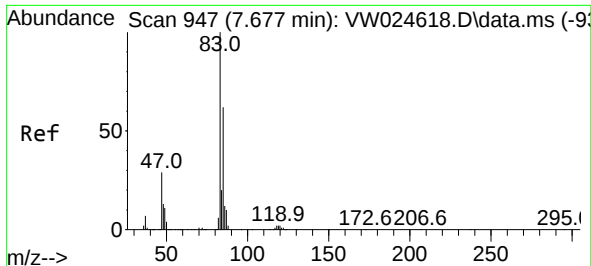
Tgt Ion: 43 Resp: 337629
Ion Ratio Lower Upper
43 100
72 30.0 15.8 47.4



#23
Bromochloromethane
Concen: 104.544 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW024620.D
Acq: 21 Sep 2022 14:47

Tgt Ion: 128 Resp: 338057
Ion Ratio Lower Upper
128 100
49 144.1 104.9 194.9
130 126.1 84.0 156.0
51 44.8 39.9 59.9

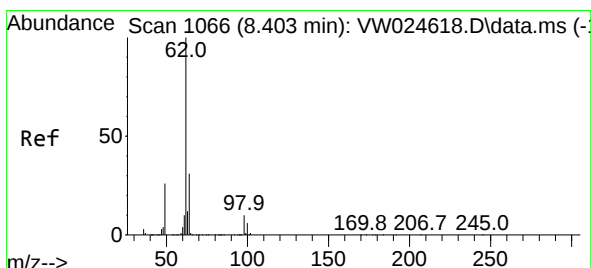
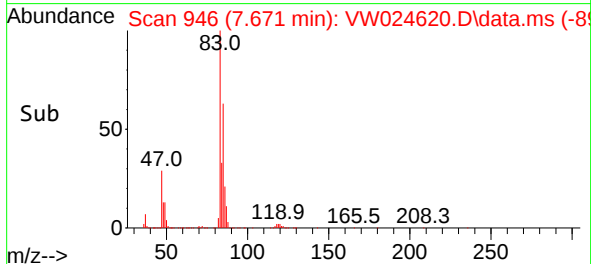
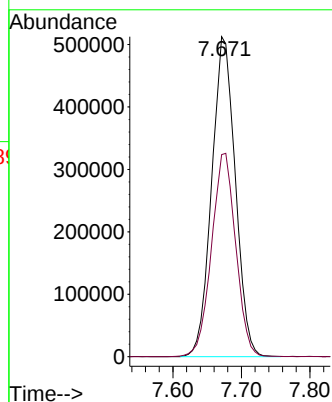
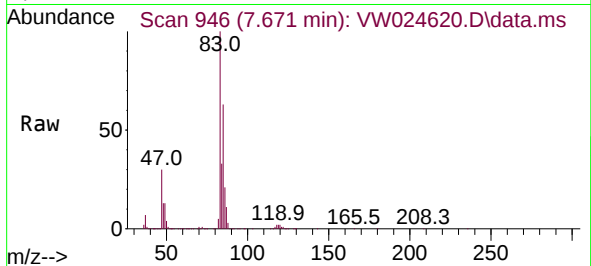




#25
Chloroform
Concen: 100.940 ug/L
RT: 7.671 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW024620.D
Acq: 21 Sep 2022 14:47

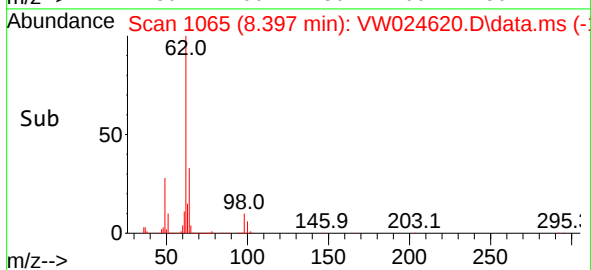
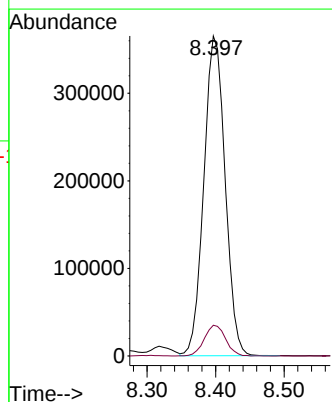
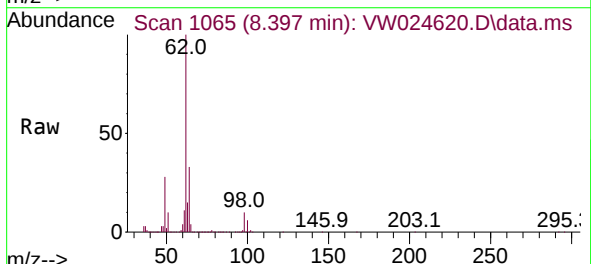
Instrument :
MSVOA_W
ClientSampleId :

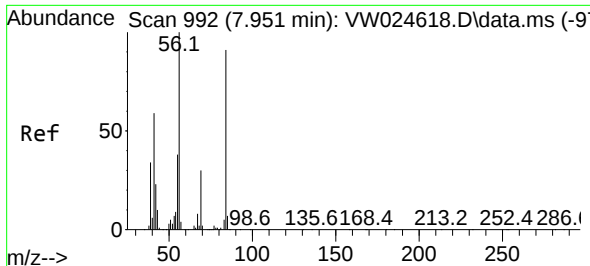
Tgt Ion: 83 Resp: 1224432
Ion Ratio Lower Upper
83 100
85 63.1 43.3 80.3



#27
1,2-Dichloroethane
Concen: 98.106 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW024620.D
Acq: 21 Sep 2022 14:47

Tgt Ion: 62 Resp: 789153
Ion Ratio Lower Upper
62 100
98 9.6 8.1 12.1



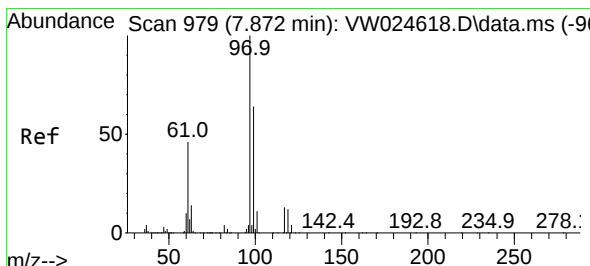
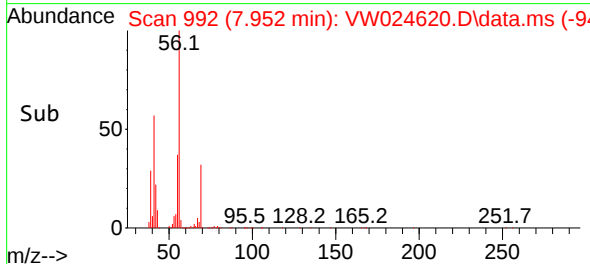
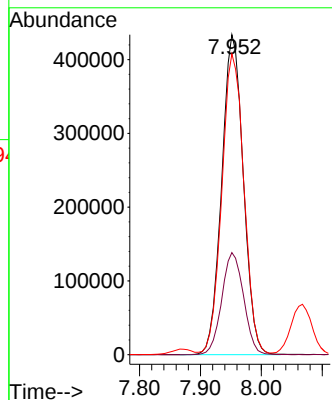
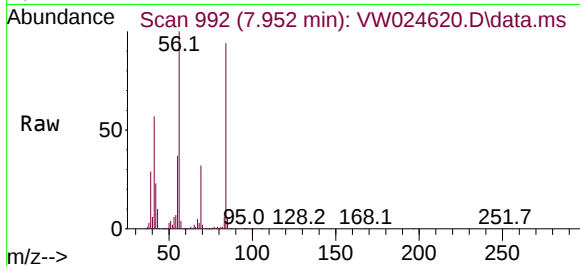


#29
Cyclohexane
Concen: 105.715 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW024620.D
Acq: 21 Sep 2022 14:47

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 56 Resp: 1069427

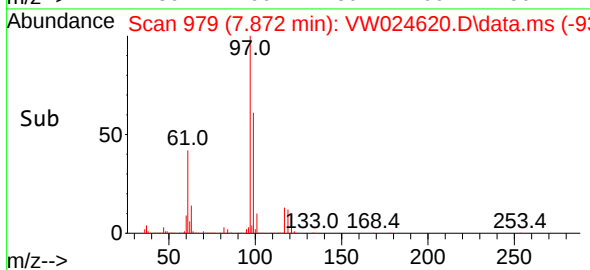
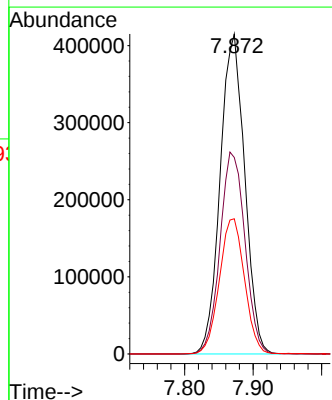
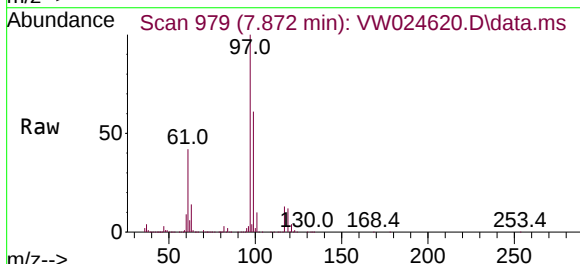
Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.4	38.0
84	96.2	75.4	113.2

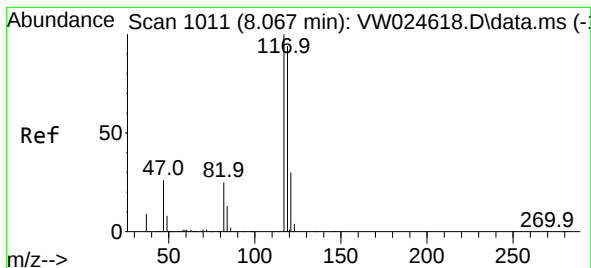


#30
1,1,1-Trichloroethane
Concen: 98.082 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW024620.D
Acq: 21 Sep 2022 14:47

Tgt Ion: 97 Resp: 1031228

Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.2	78.2
61	43.3	35.8	53.6





#31

Carbon tetrachloride

Concen: 99.452 ug/L

RT: 8.067 min Scan# 1011

Delta R.T. 0.000 min

Lab File: VW024620.D

Acq: 21 Sep 2022 14:47

Instrument :

MSVOA_W

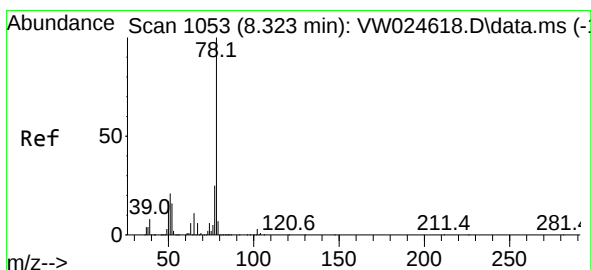
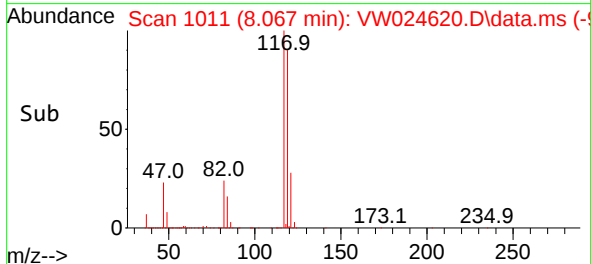
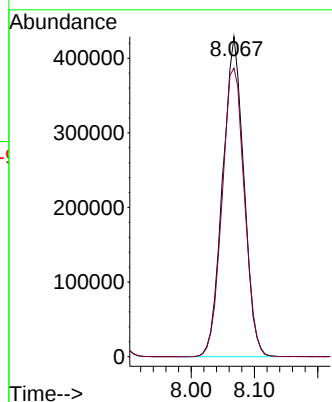
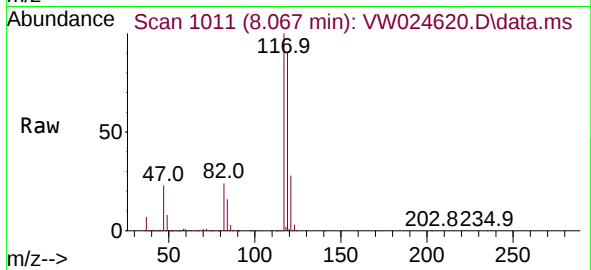
ClientSampleId :

Tgt Ion:117 Resp: 994894

Ion Ratio Lower Upper

117 100

119 95.2 76.5 114.7



#33

Benzene

Concen: 98.475 ug/L

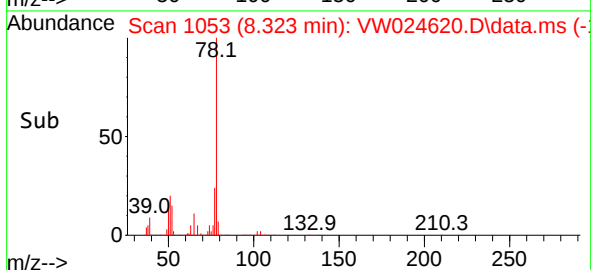
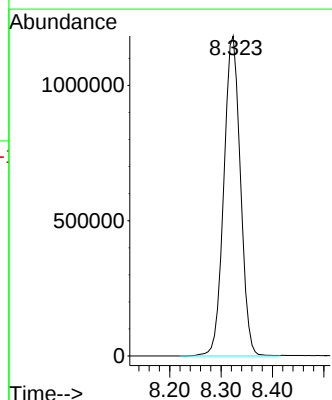
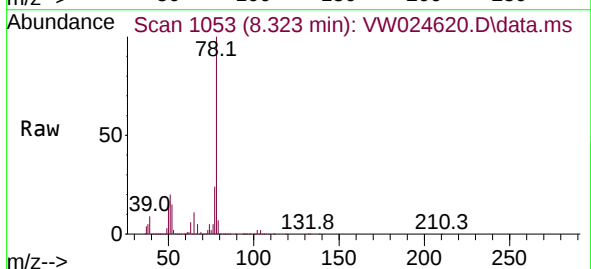
RT: 8.323 min Scan# 1053

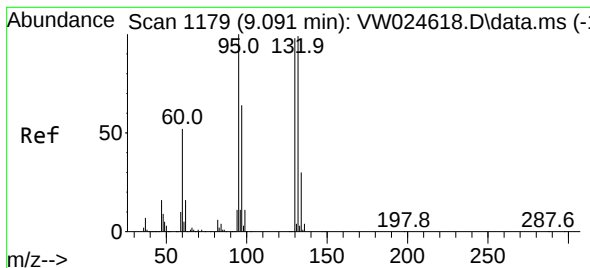
Delta R.T. 0.000 min

Lab File: VW024620.D

Acq: 21 Sep 2022 14:47

Tgt Ion: 78 Resp: 2655212





#34

Trichloroethene

Concen: 99.520 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

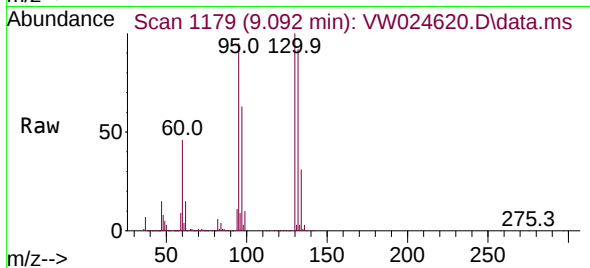
Lab File: VW024620.D

Acq: 21 Sep 2022 14:47

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 727176

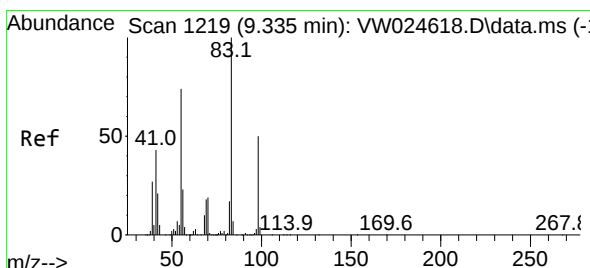
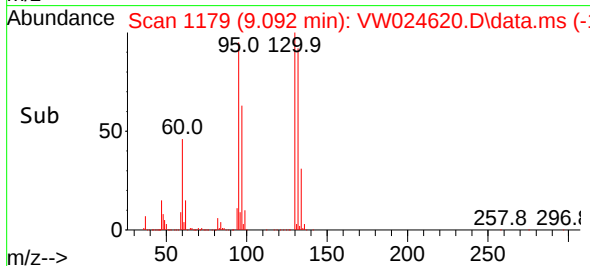
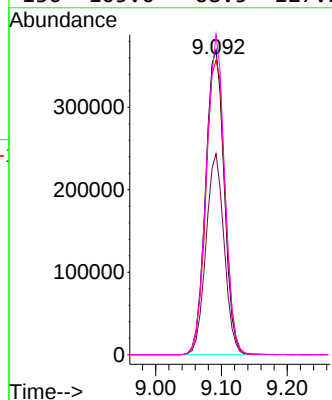
Ion Ratio Lower Upper

95 100

97 66.0 45.1 83.7

132 96.6 69.1 128.3

130 105.0 68.5 127.1



#35

Methylcyclohexane

Concen: 104.381 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024620.D

Acq: 21 Sep 2022 14:47

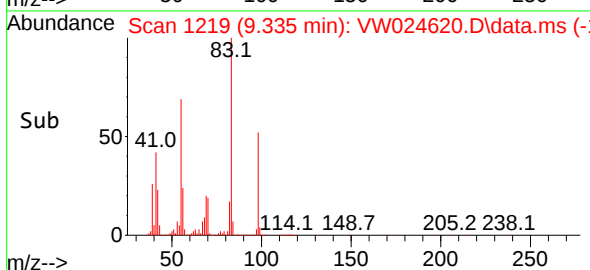
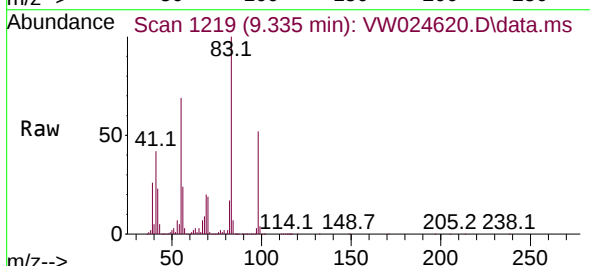
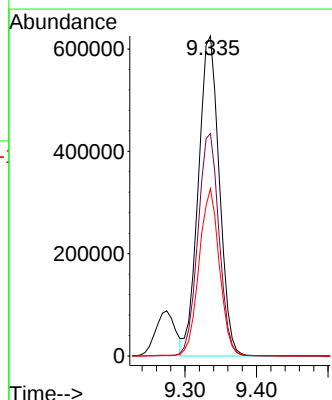
Tgt Ion: 83 Resp: 1272589

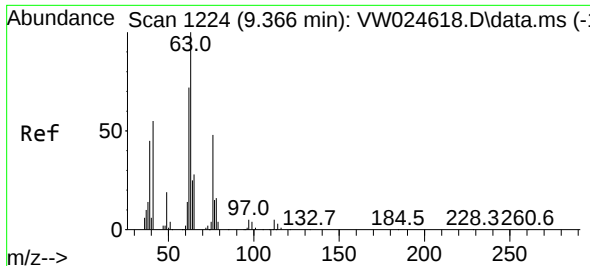
Ion Ratio Lower Upper

83 100

55 69.8 57.0 85.4

98 50.7 39.4 59.0





#37

1,2-Dichloropropane

Concen: 97.988 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024620.D

Acq: 21 Sep 2022 14:47

Instrument :

MSVOA_W

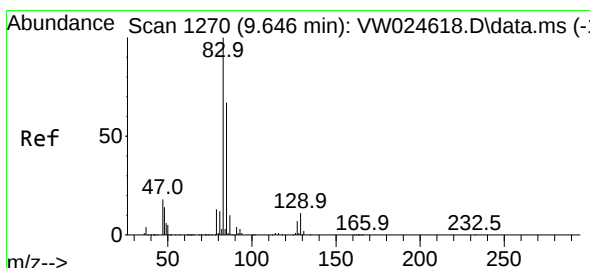
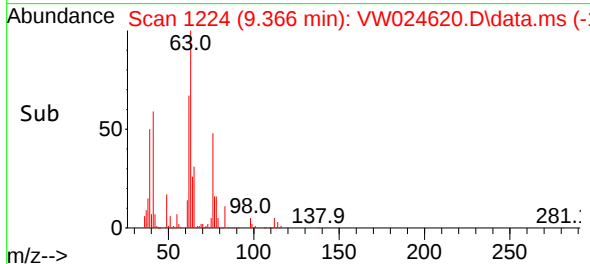
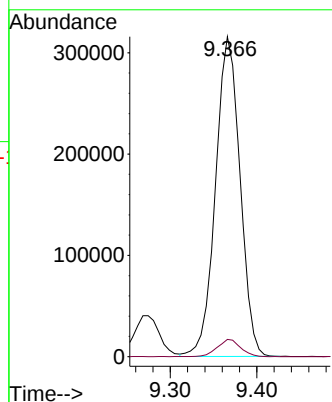
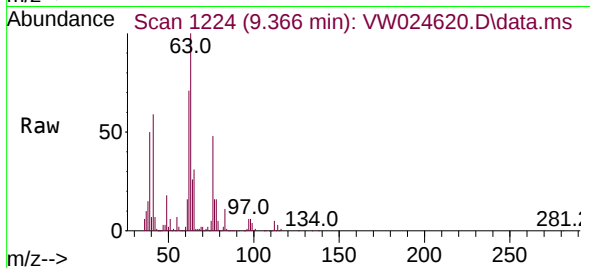
ClientSampleId :

Tgt Ion: 63 Resp: 620561

Ion Ratio Lower Upper

63 100

112 5.1 3.7 5.5



#38

Bromodichloromethane

Concen: 101.720 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW024620.D

Acq: 21 Sep 2022 14:47

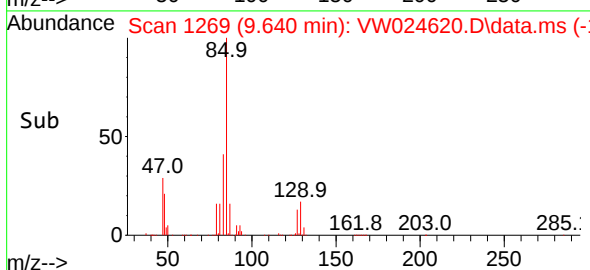
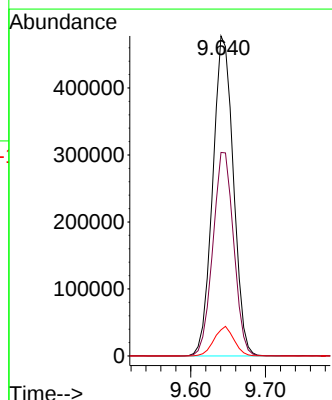
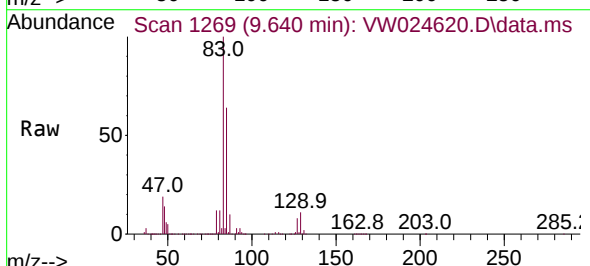
Tgt Ion: 83 Resp: 916567

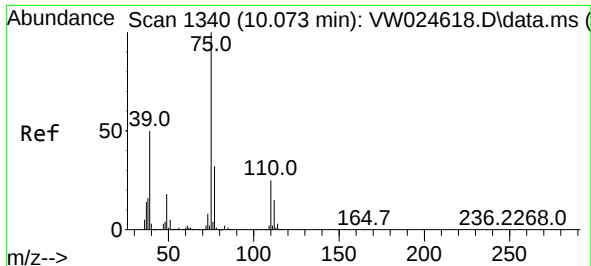
Ion Ratio Lower Upper

83 100

85 63.6 46.7 86.7

127 8.2 5.8 8.8

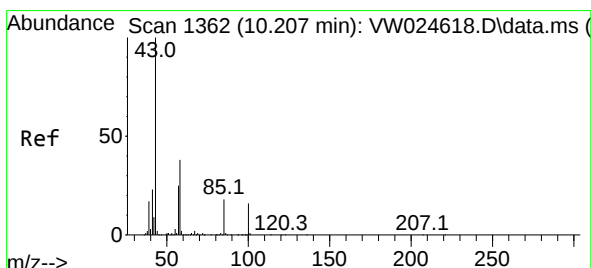
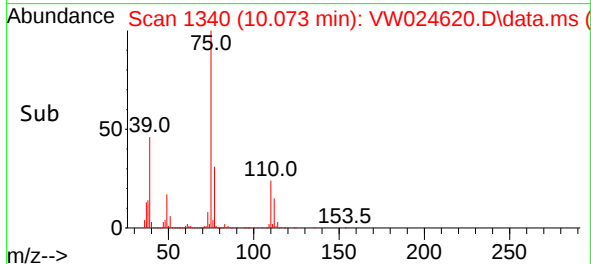
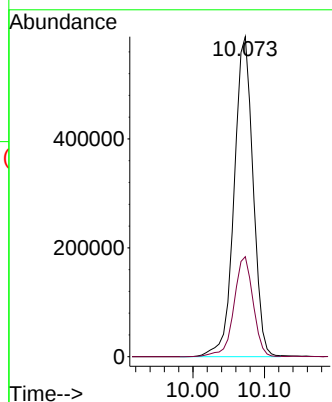
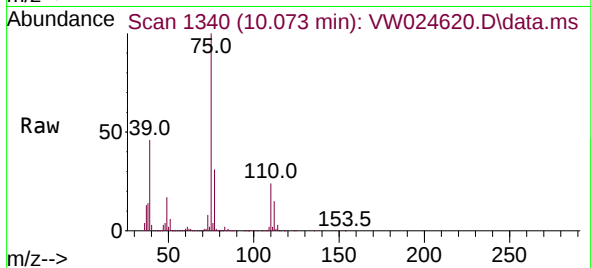




#39
 cis-1,3-Dichloropropene
 Concen: 109.205 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW024620.D
 Acq: 21 Sep 2022 14:47

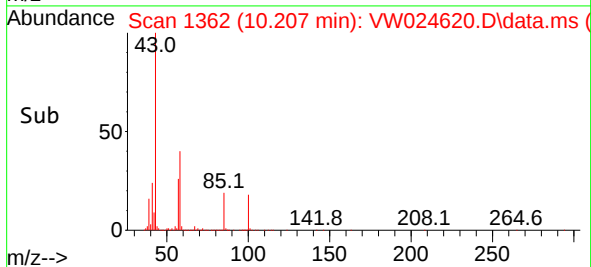
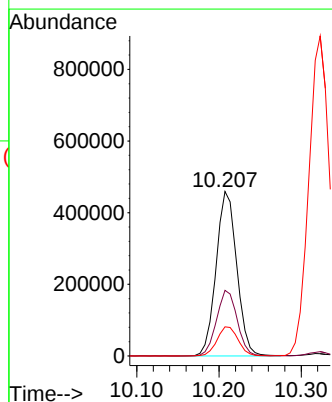
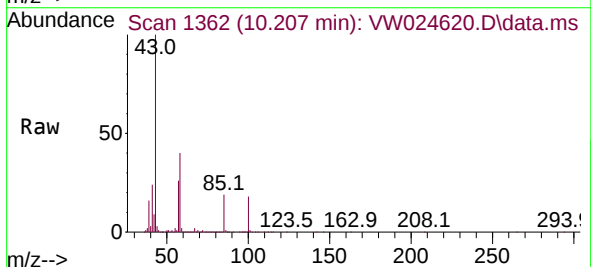
Instrument :
 MSVOA_W
 ClientSampleId :

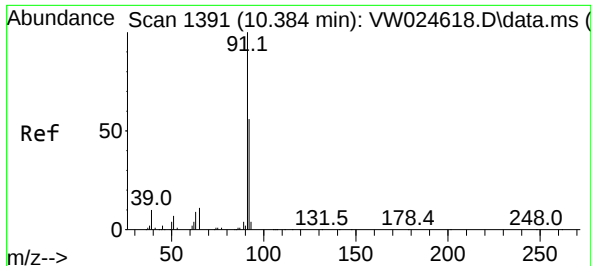
Tgt Ion: 75 Resp: 1078686
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 220.148 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW024620.D
 Acq: 21 Sep 2022 14:47

Tgt Ion: 43 Resp: 800749
 Ion Ratio Lower Upper
 43 100
 58 39.9 32.2 48.2
 100 18.1 14.2 21.4

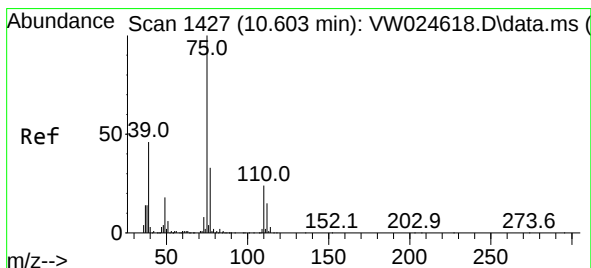
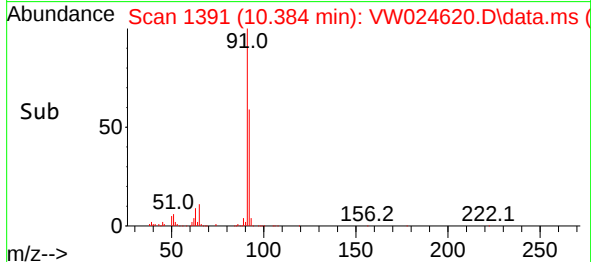
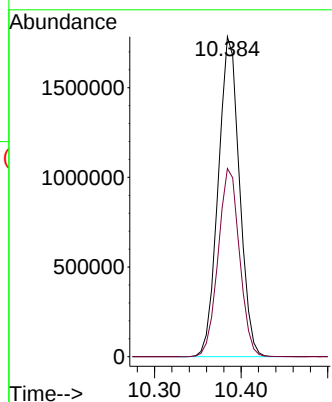
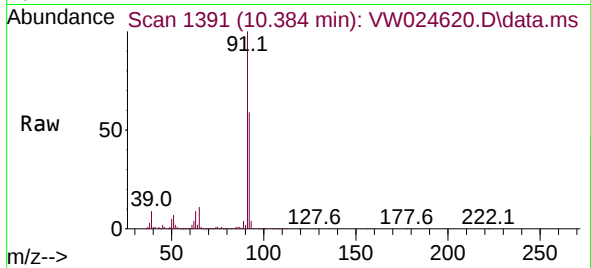




#42
Toluene
Concen: 100.325 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024620.D
Acq: 21 Sep 2022 14:47

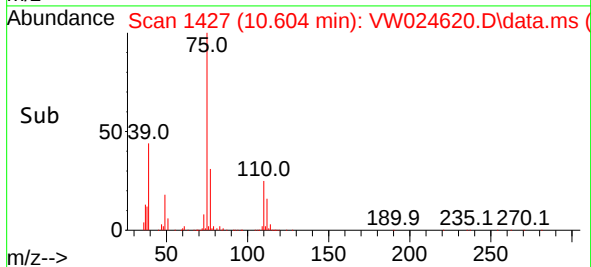
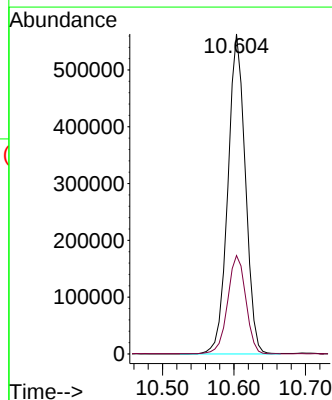
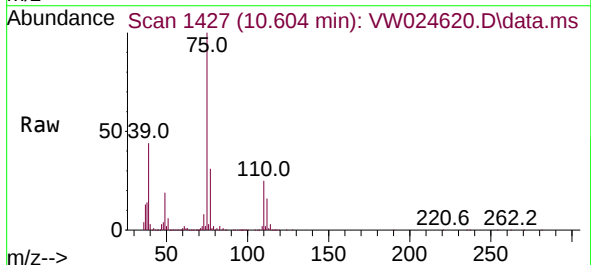
Instrument :
MSVOA_W
ClientSampleId :

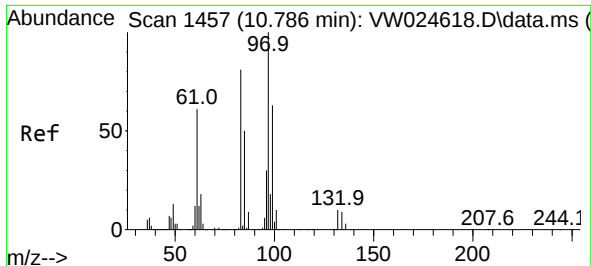
Tgt Ion: 91 Resp: 3036850
Ion Ratio Lower Upper
91 100
92 58.8 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 108.900 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024620.D
Acq: 21 Sep 2022 14:47

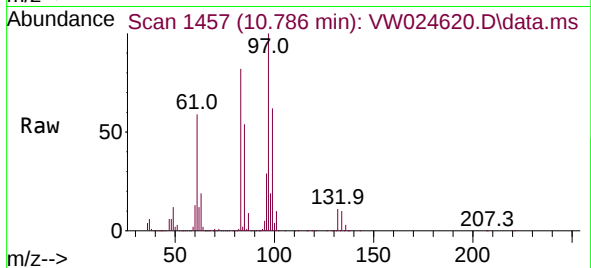
Tgt Ion: 75 Resp: 955441
Ion Ratio Lower Upper
75 100
77 30.8 23.1 42.9



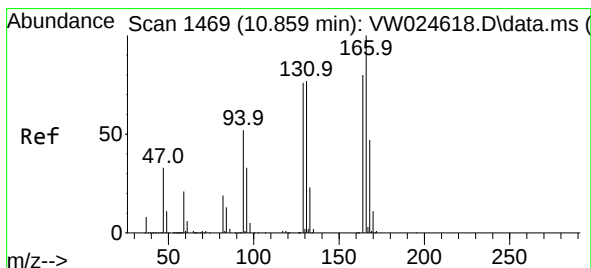
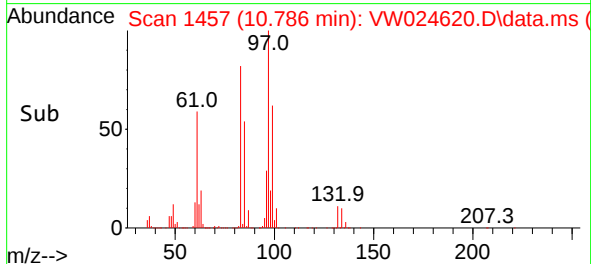
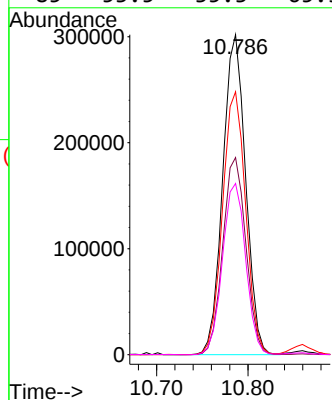


#45
1,1,2-Trichloroethane
Concen: 99.772 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024620.D
Acq: 21 Sep 2022 14:47

Instrument :
MSVOA_W
ClientSampleId :

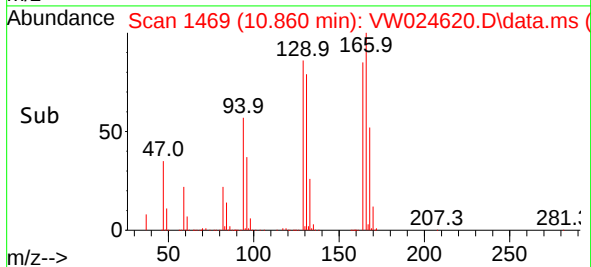
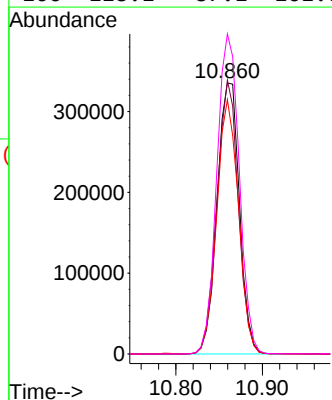
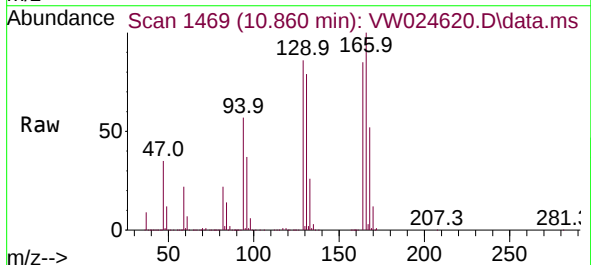


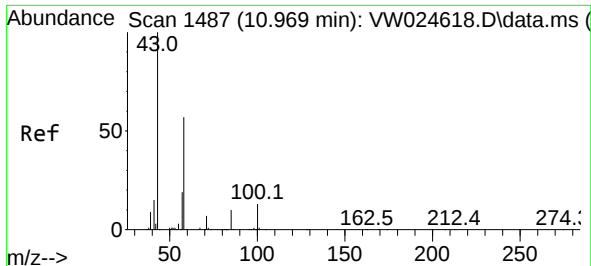
Tgt Ion:	97	Resp:	525847
Ion	Ratio	Lower	Upper
97	100		
99	61.6	44.3	82.3
83	82.1	56.7	105.3
85	53.5	35.3	65.5



#46
Tetrachloroethene
Concen: 104.349 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW024620.D
Acq: 21 Sep 2022 14:47

Tgt Ion:	164	Resp:	599934
Ion	Ratio	Lower	Upper
164	100		
129	101.1	66.0	122.6
131	93.8	66.9	124.3
166	118.1	87.1	161.7

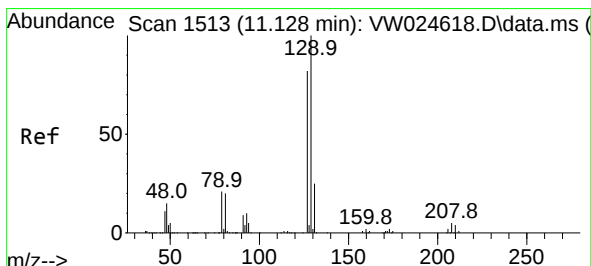
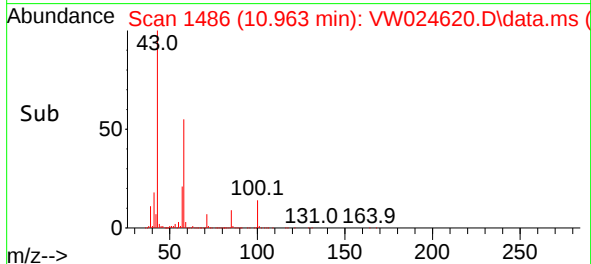
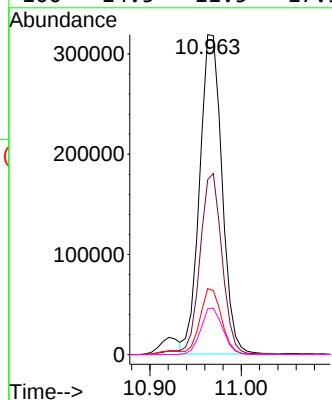
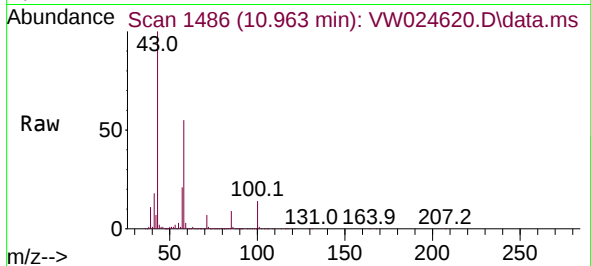




#48
2-Hexanone
Concen: 216.704 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW024620.D
Acq: 21 Sep 2022 14:47

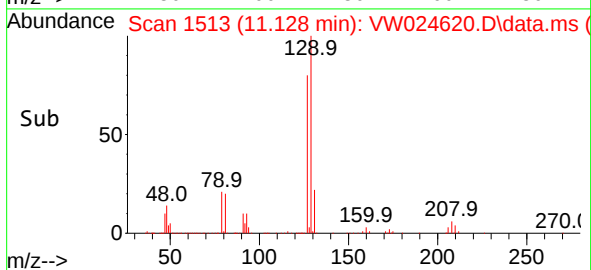
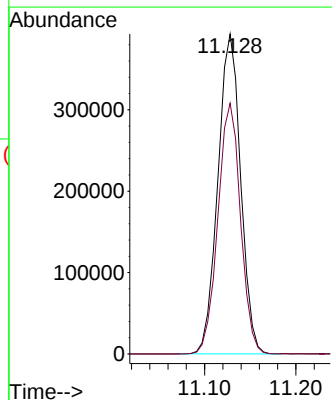
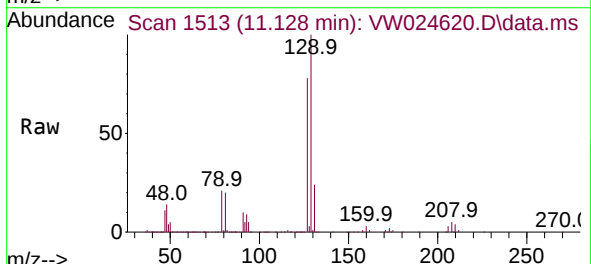
Instrument :
MSVOA_W
ClientSampleId :

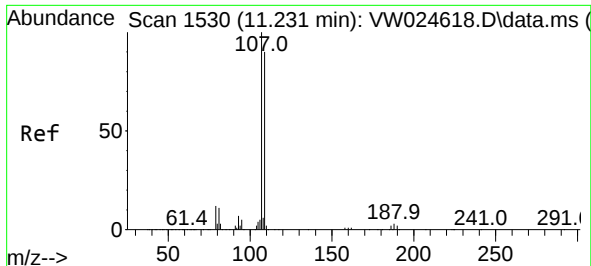
Tgt Ion:	43	Resp:	540836
Ion	Ratio	Lower	Upper
43	100		
58	56.0	43.3	64.9
57	19.9	15.8	23.6
100	14.5	11.5	17.3



#49
Dibromochloromethane
Concen: 106.745 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024620.D
Acq: 21 Sep 2022 14:47

Tgt Ion:	129	Resp:	680036
Ion	Ratio	Lower	Upper
129	100		
127	78.4	57.0	105.9





#50

1,2-Dibromoethane

Concen: 102.057 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

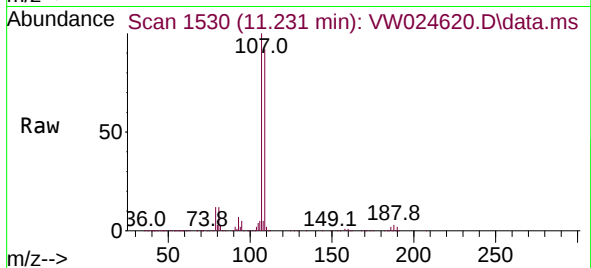
Lab File: VW024620.D

Acq: 21 Sep 2022 14:47

Instrument :

MSVOA_W

ClientSampleId :



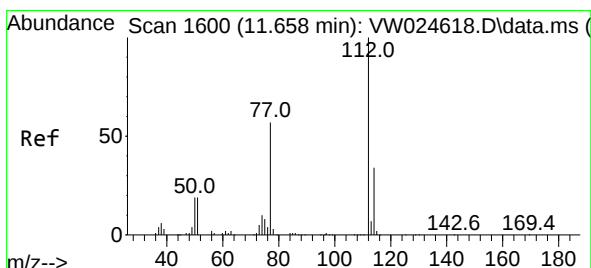
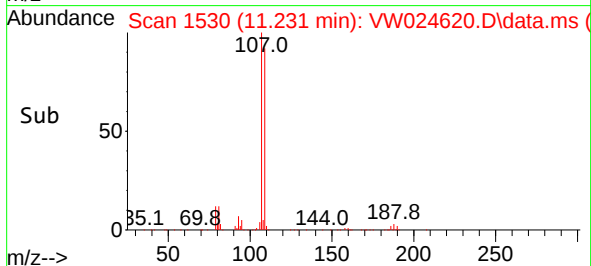
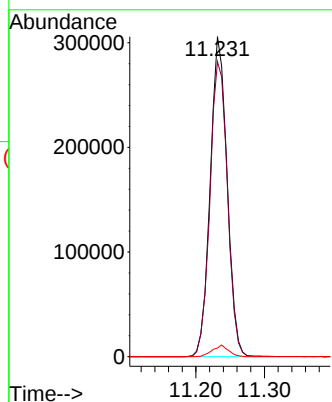
Tgt Ion:107 Resp: 524823

Ion Ratio Lower Upper

107 100

109 92.2 63.0 117.0

188 2.7 2.5 3.7



#51

Chlorobenzene

Concen: 97.232 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW024620.D

Acq: 21 Sep 2022 14:47

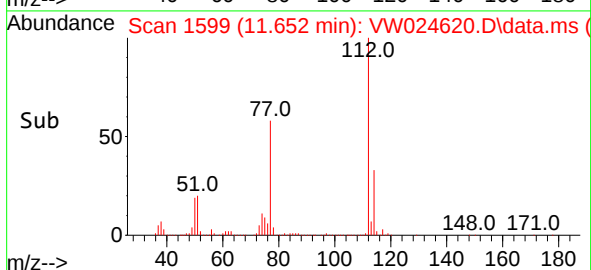
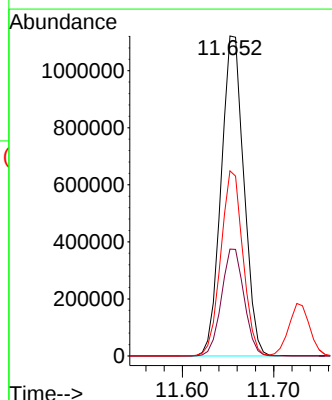
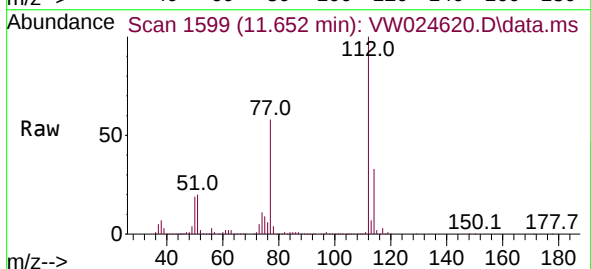
Tgt Ion:112 Resp: 1940954

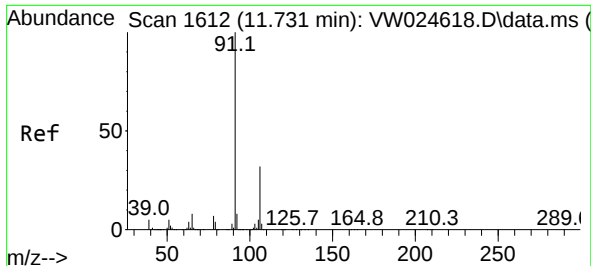
Ion Ratio Lower Upper

112 100

114 33.4 24.0 44.6

77 57.8 45.4 68.2

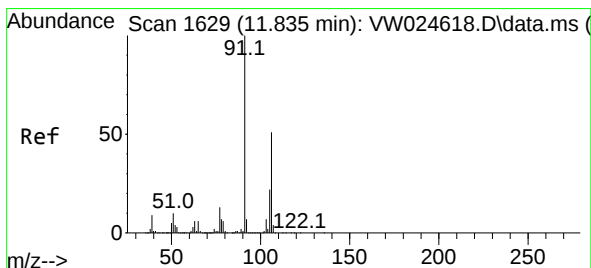
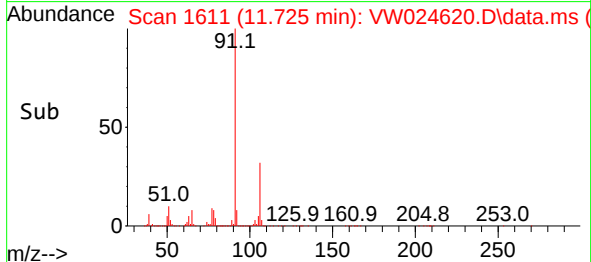
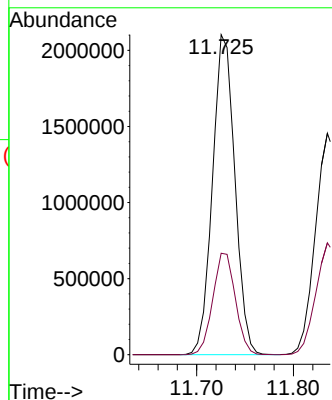
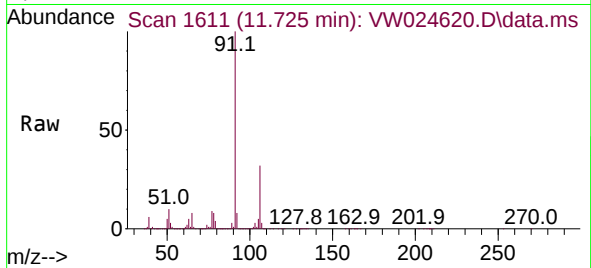




#52
Ethylbenzene
Concen: 101.649 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW024620.D
Acq: 21 Sep 2022 14:47

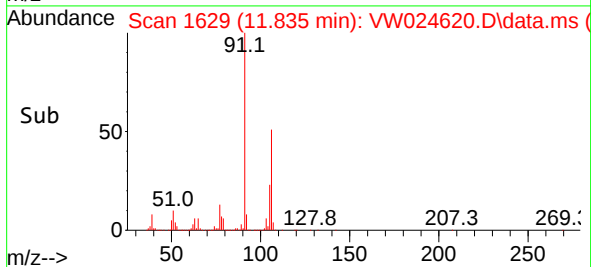
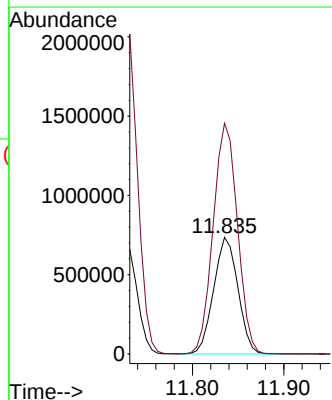
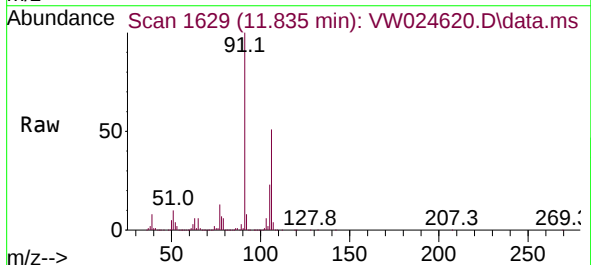
Instrument :
MSVOA_W
ClientSampleId :

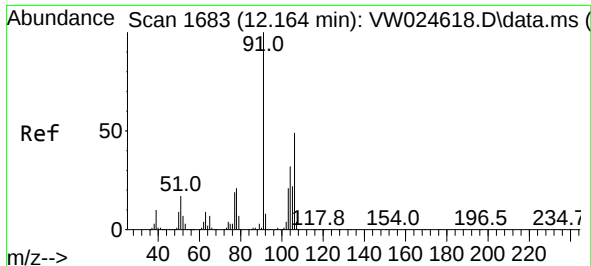
Tgt Ion: 91 Resp: 3379729
Ion Ratio Lower Upper
91 100
106 31.7 22.2 41.2



#53
m,p-Xylene
Concen: 102.595 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024620.D
Acq: 21 Sep 2022 14:47

Tgt Ion:106 Resp: 1354649
Ion Ratio Lower Upper
106 100
91 197.9 138.3 256.8

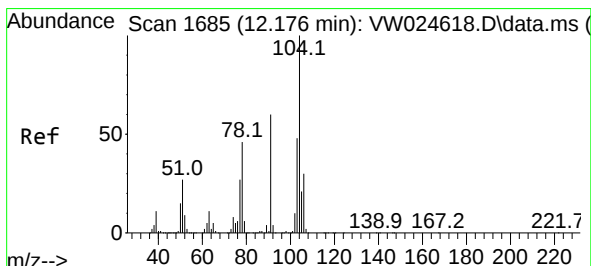
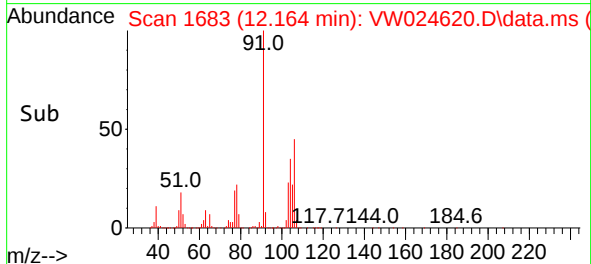
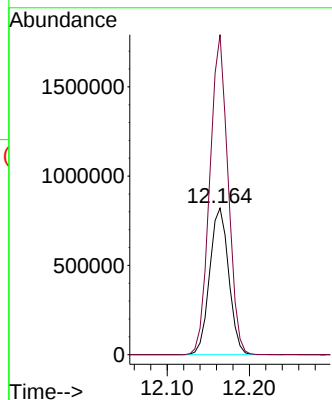
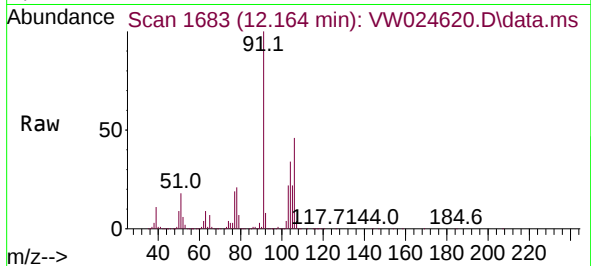




#54
o-Xylene
Concen: 106.604 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024620.D
Acq: 21 Sep 2022 14:47

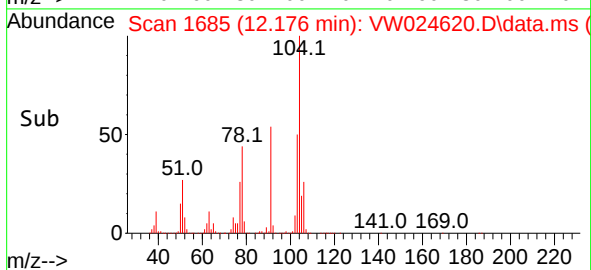
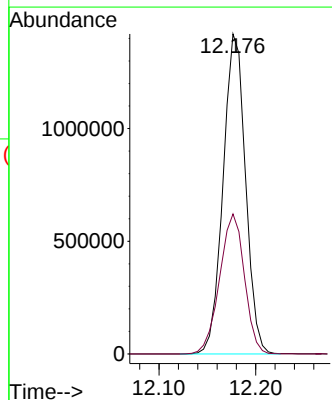
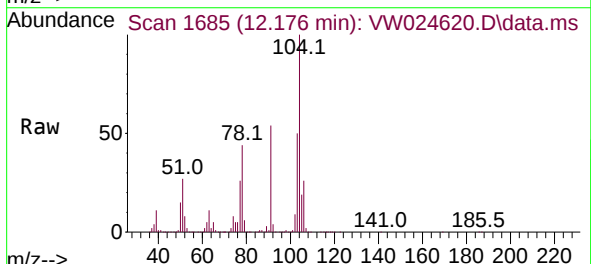
Instrument :
MSVOA_W
ClientSampleId :

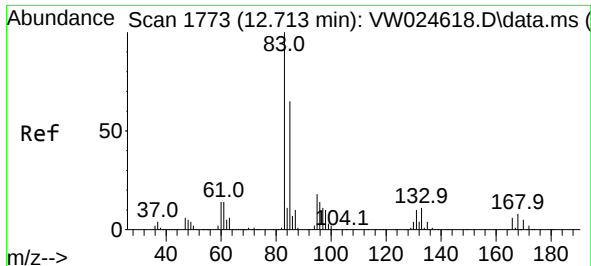
Tgt Ion:106 Resp: 1320463
Ion Ratio Lower Upper
106 100
91 218.4 143.9 267.2



#55
Styrene
Concen: 107.175 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW024620.D
Acq: 21 Sep 2022 14:47

Tgt Ion:104 Resp: 2283398
Ion Ratio Lower Upper
104 100
78 43.8 32.5 60.3





#57

1,1,2,2-Tetrachloroethane

Concen: 97.954 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024620.D

Acq: 21 Sep 2022 14:47

Instrument :

MSVOA_W

ClientSampleId :

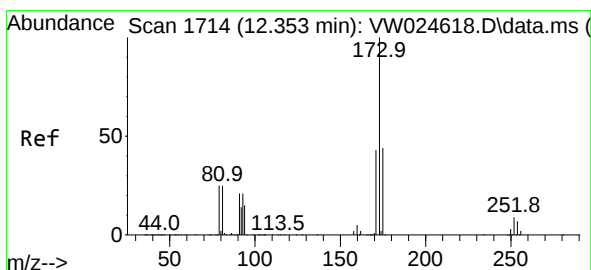
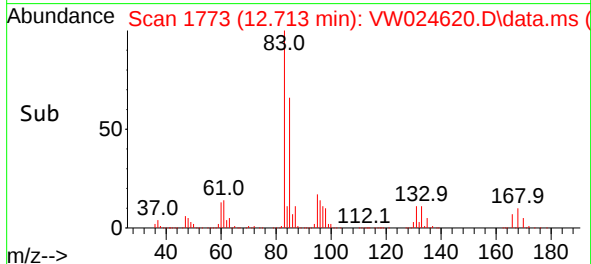
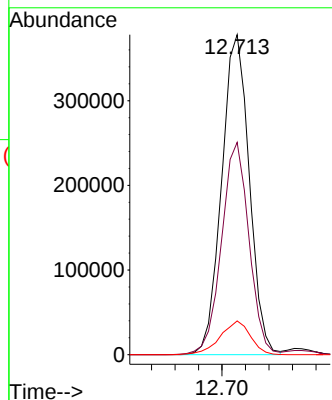
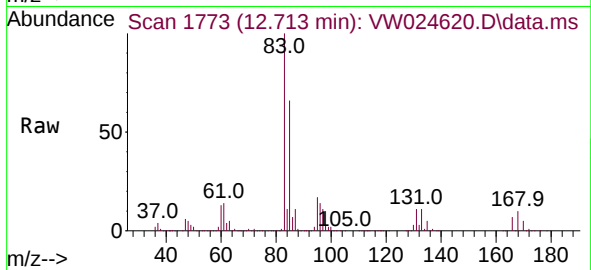
Tgt Ion: 83 Resp: 617598

Ion Ratio Lower Upper

83 100

85 66.4 45.6 84.8

131 10.6 8.2 12.4



#59

Bromoform

Concen: 113.386 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VW024620.D

Acq: 21 Sep 2022 14:47

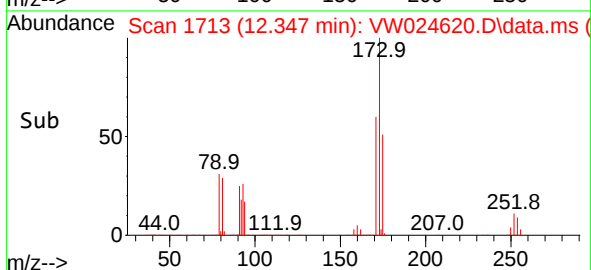
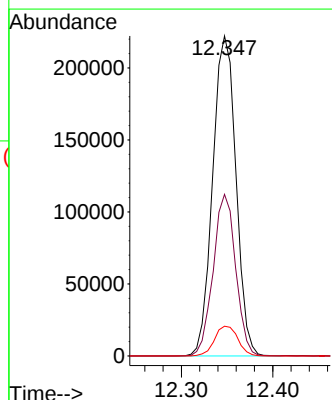
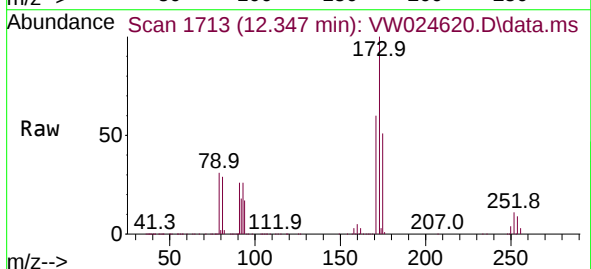
Tgt Ion:173 Resp: 393031

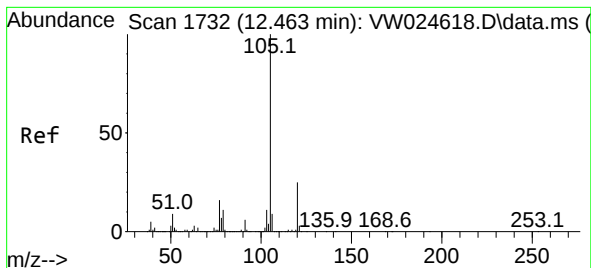
Ion Ratio Lower Upper

173 100

175 48.9 36.7 55.1

254 9.4 7.0 10.4





#60

Isopropylbenzene

Concen: 105.777 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024620.D

Acq: 21 Sep 2022 14:47

Instrument :

MSVOA_W

ClientSampleId :

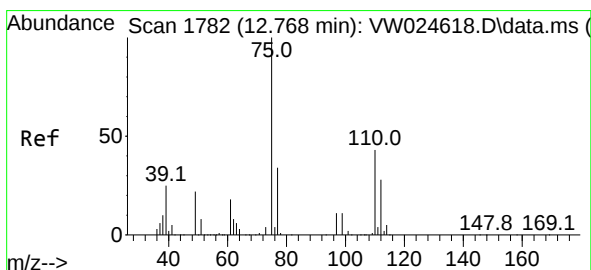
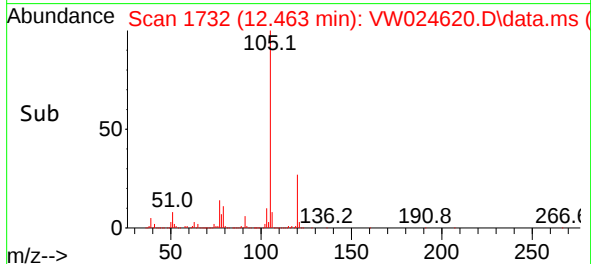
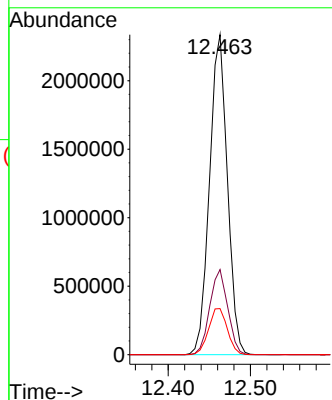
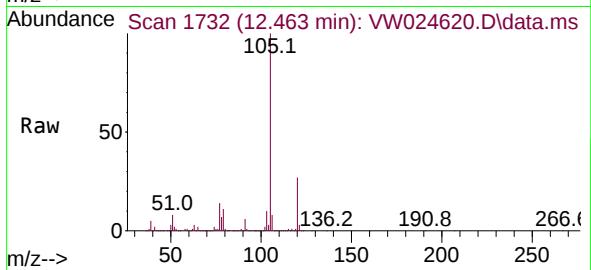
Tgt Ion:105 Resp: 3522774

Ion Ratio Lower Upper

105 100

120 26.8 21.5 32.3

77 15.2 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 97.633 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024620.D

Acq: 21 Sep 2022 14:47

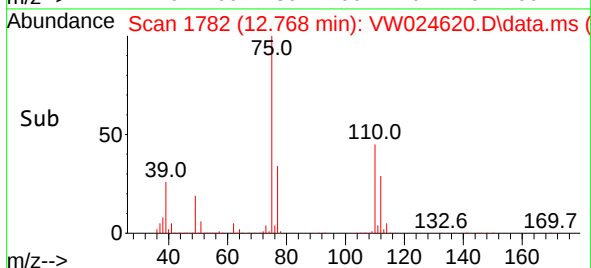
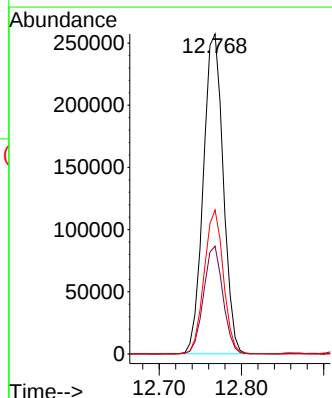
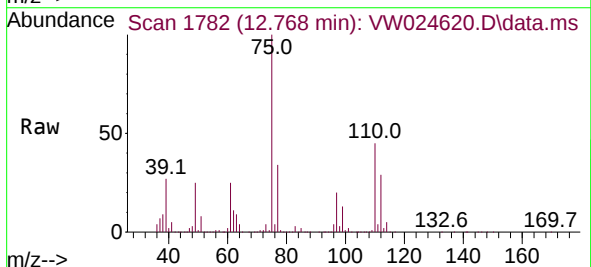
Tgt Ion: 75 Resp: 432182

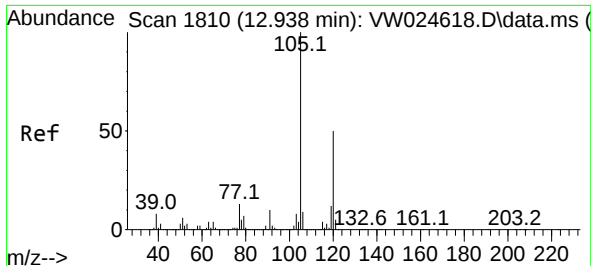
Ion Ratio Lower Upper

75 100

77 32.7 26.0 39.0

110 43.5 34.0 51.0





#62

1,3,5-Trimethylbenzene

Concen: 108.820 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024620.D

Acq: 21 Sep 2022 14:47

Instrument :

MSVOA_W

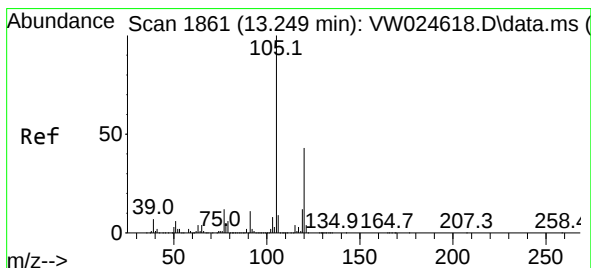
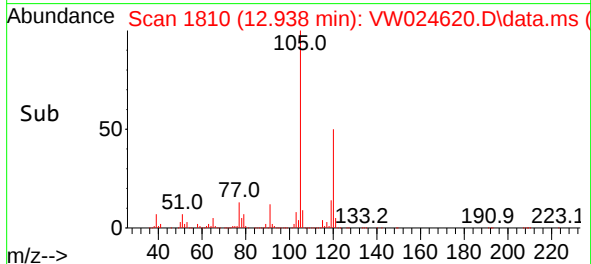
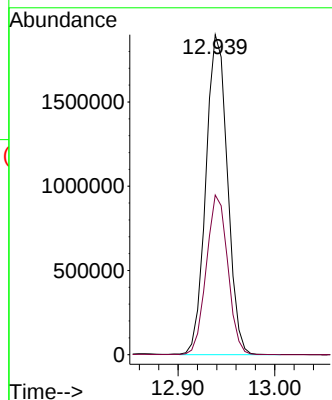
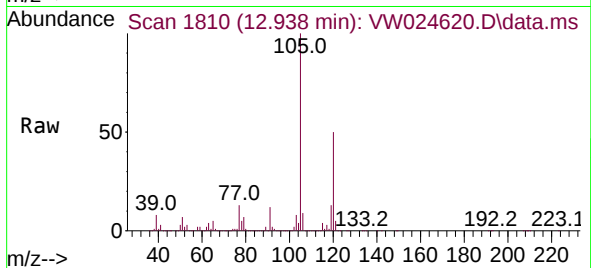
ClientSampleId :

Tgt Ion:105 Resp: 2944340

Ion Ratio Lower Upper

105 100

120 49.7 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 109.063 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW024620.D

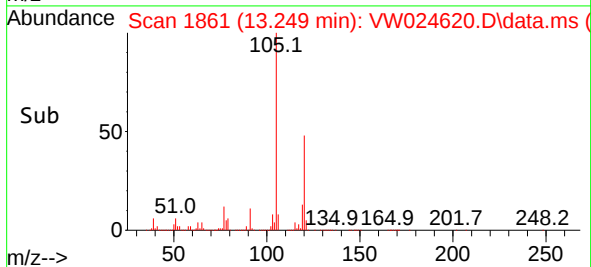
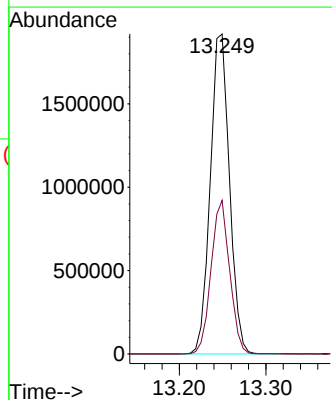
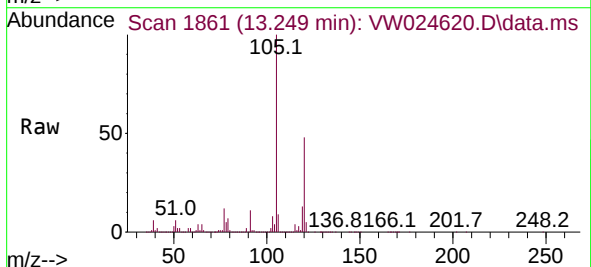
Acq: 21 Sep 2022 14:47

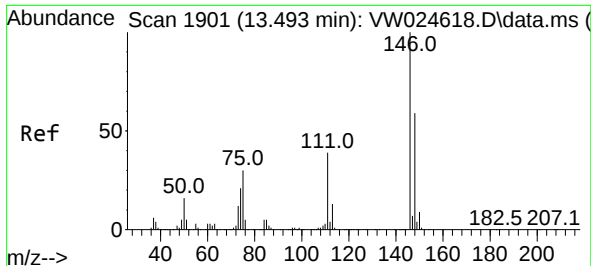
Tgt Ion:105 Resp: 2952671

Ion Ratio Lower Upper

105 100

120 46.5 36.3 54.5

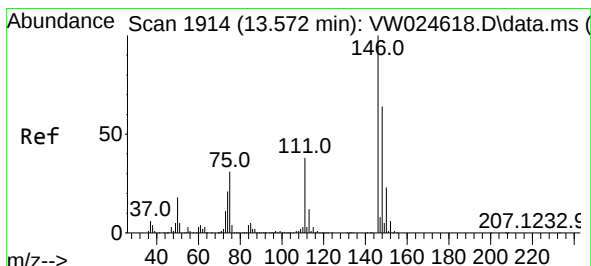
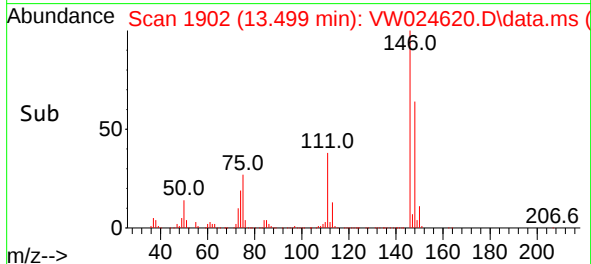
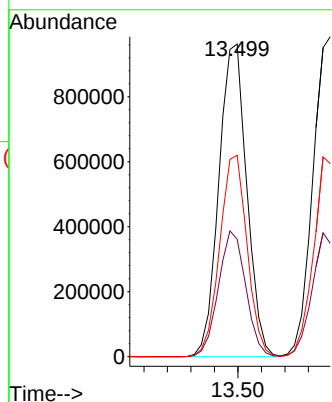
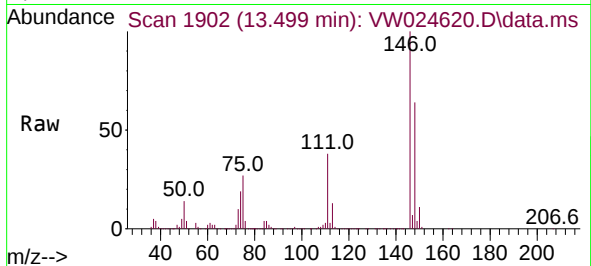




#64
1,3-Dichlorobenzene
Concen: 105.633 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW024620.D
Acq: 21 Sep 2022 14:47

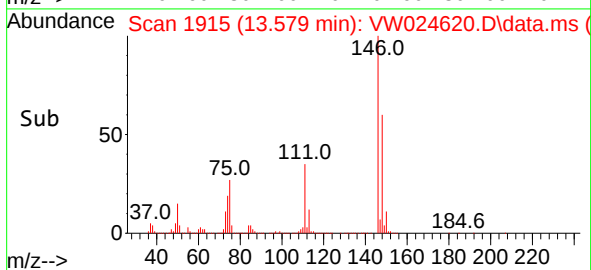
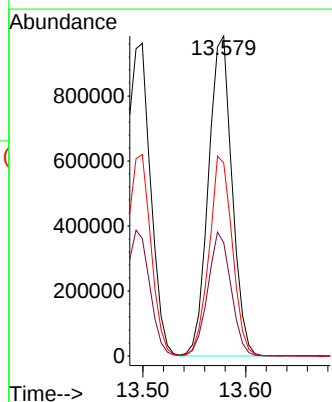
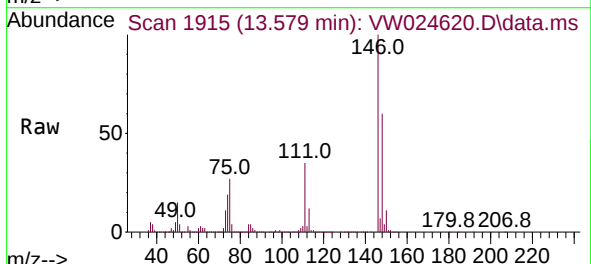
Instrument :
MSVOA_W
ClientSampleId :

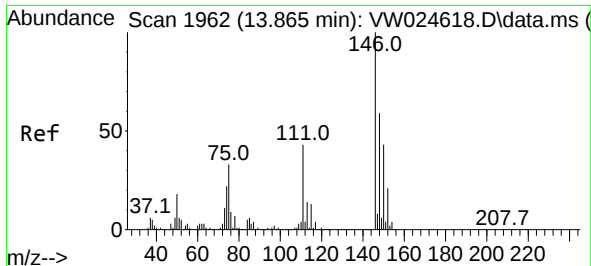
Tgt Ion:146 Resp: 1586513
Ion Ratio Lower Upper
146 100
111 37.6 27.2 50.6
148 64.4 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 101.842 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW024620.D
Acq: 21 Sep 2022 14:47

Tgt Ion:146 Resp: 1573433
Ion Ratio Lower Upper
146 100
111 35.4 27.0 50.2
148 60.3 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 100.778 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024620.D

Acq: 21 Sep 2022 14:47

Instrument :

MSVOA_W

ClientSampleId :

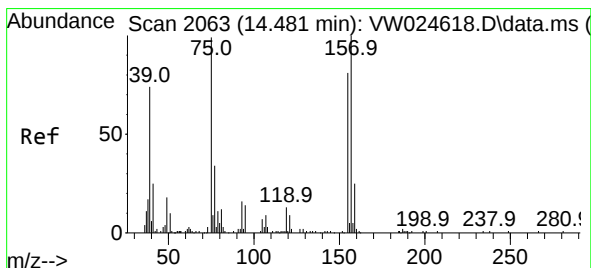
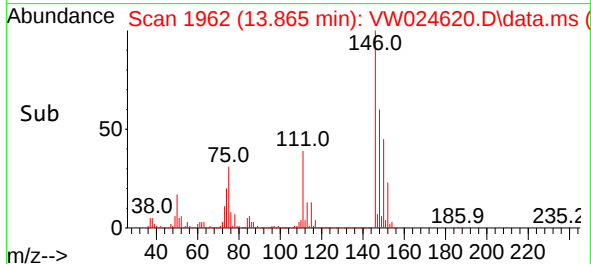
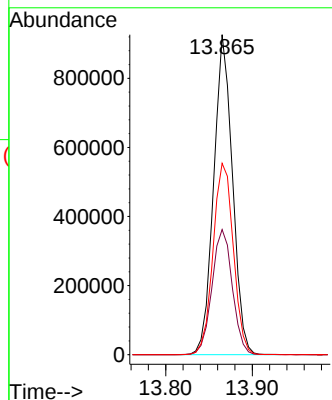
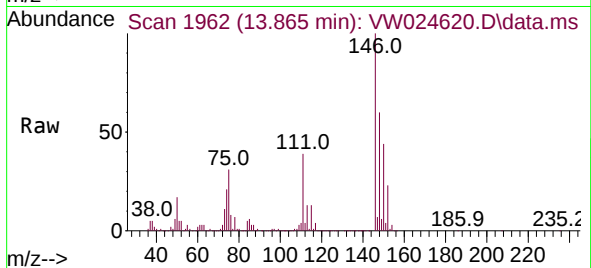
Tgt Ion:146 Resp: 1397619

Ion Ratio Lower Upper

146 100

111 39.1 34.2 51.4

148 59.8 47.0 70.6



#68

1,2-Dibromo-3-chloropropane

Concen: 96.903 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024620.D

Acq: 21 Sep 2022 14:47

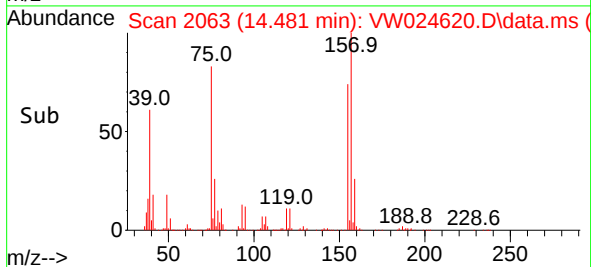
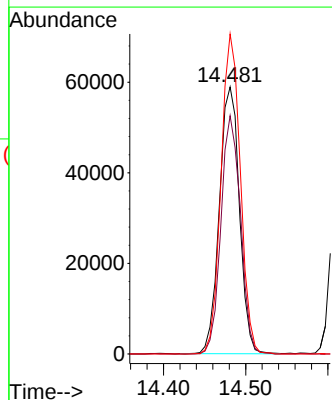
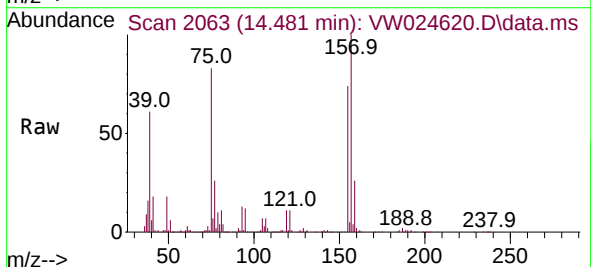
Tgt Ion: 75 Resp: 99884

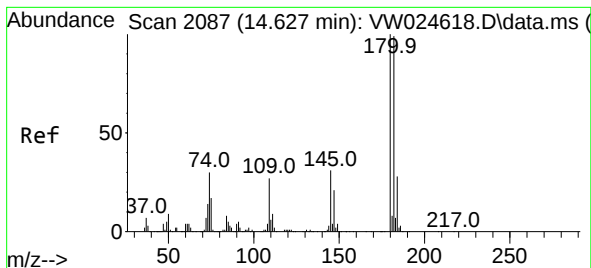
Ion Ratio Lower Upper

75 100

155 89.2 65.4 98.0

157 119.8 80.6 121.0





#69

1,3,5-Trichlorobenzene

Concen: 105.329 ug/L

RT: 14.621 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VW024620.D

Acq: 21 Sep 2022 14:47

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 1039894

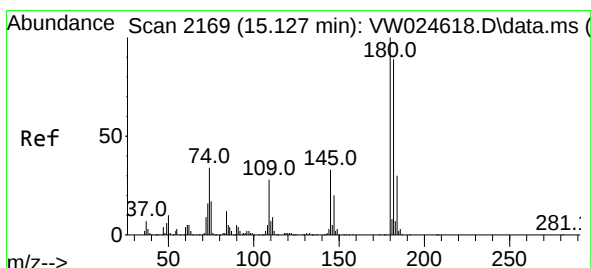
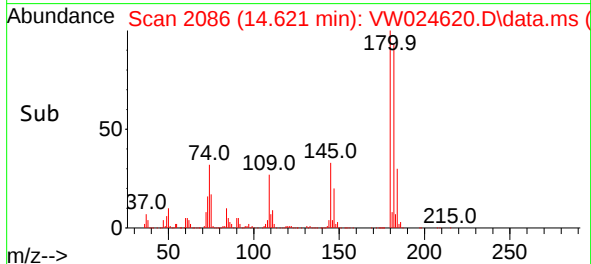
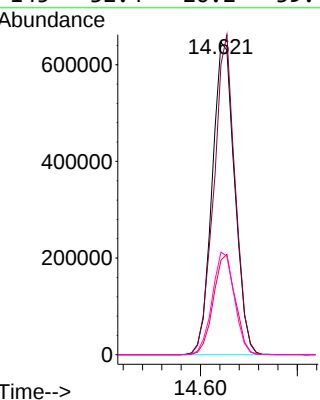
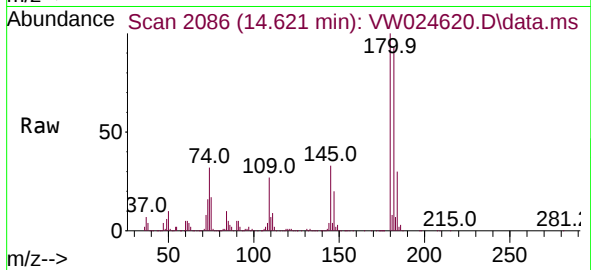
Ion Ratio Lower Upper

180 100

182 96.6 78.5 117.7

184 31.1 23.9 35.9

145 32.4 26.2 39.4



#70

1,2,4-trichlorobenzene

Concen: 112.980 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024620.D

Acq: 21 Sep 2022 14:47

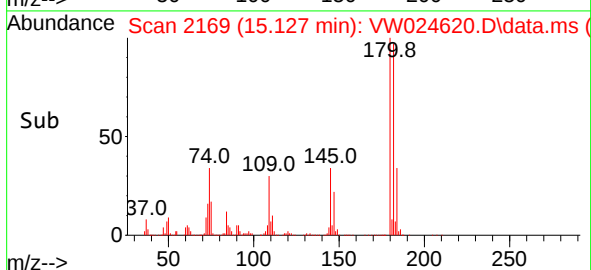
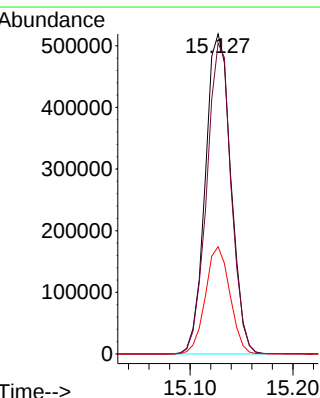
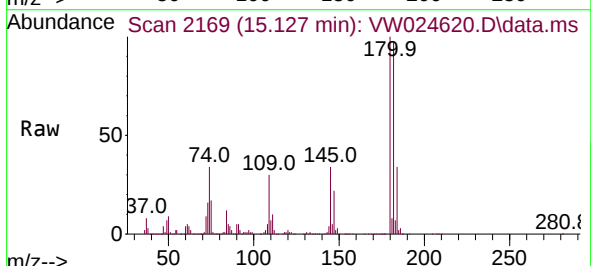
Tgt Ion:180 Resp: 892411

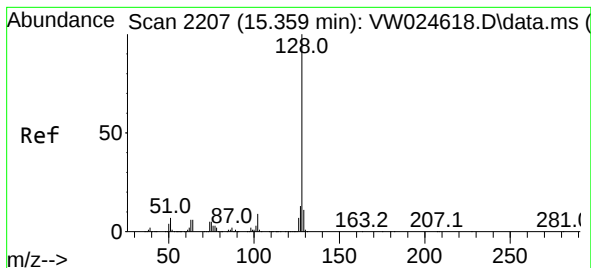
Ion Ratio Lower Upper

180 100

182 93.5 72.6 108.8

145 32.3 26.3 39.5





#71

Naphthalene

Concen: 120.772 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW024620.D

Acq: 21 Sep 2022 14:47

Instrument :

MSVOA_W

ClientSampleId :

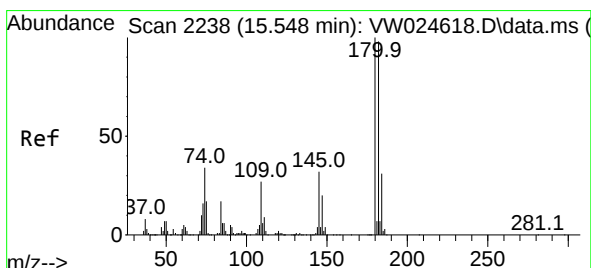
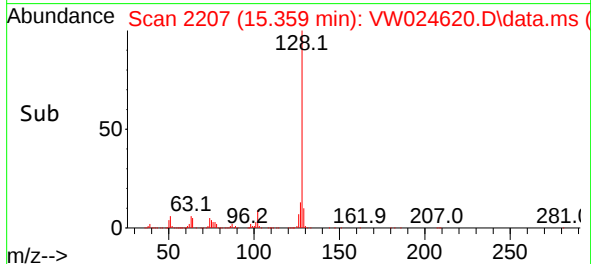
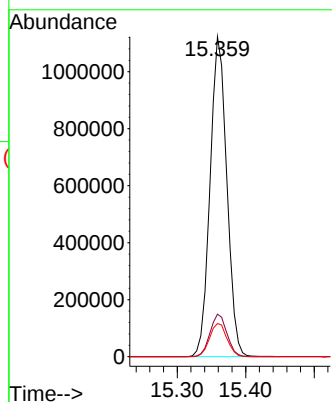
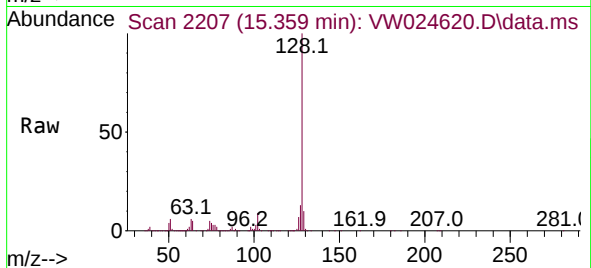
Tgt Ion:128 Resp: 1907277

Ion Ratio Lower Upper

128 100

127 13.4 11.0 16.4

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 111.233 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW024620.D

Acq: 21 Sep 2022 14:47

Tgt Ion:180 Resp: 798408

Ion Ratio Lower Upper

180 100

182 92.2 75.2 112.8

145 33.6 27.7 41.5

