

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040824\
 Data File : VW028353.D
 Acq On : 08 Apr 2024 12:09
 Operator : SY/MD
 Sample : VSTD100
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 09 01:13:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 09 01:10:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	304668	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	290174	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	141042	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	477149	97.690	ug/L	0.00
7) Chloroethane-d5	2.899	69	383462	103.601	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	202571	97.937	ug/L	0.00
21) 2-Butanone-d5	7.075	46	236134	268.703	ug/L	0.00
24) Chloroform-d	7.648	84	851719	107.133	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	460945	111.568	ug/L	0.00
32) Benzene-d6	8.276	84	1639154	103.405	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	498291	105.752	ug/L	0.00
41) Toluene-d8	10.319	98	1539782	106.821	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	221562	118.256	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	173698	276.280	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	392888	118.181	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	498402	111.737	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	414563	101.169	ug/L	96
3) Chloromethane	2.229	50	508771	105.751	ug/L	99
5) Vinyl chloride	2.375	62	555664	96.983	ug/L	99
6) Bromomethane	2.789	94	363283	101.488	ug/L	100
8) Chloroethane	2.936	64	344698	99.801	ug/L	96
9) Trichlorofluoromethane	3.271	101	485774	106.281	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	411895	96.113	ug/L	98
12) 1,1-Dichloroethene	4.045	96	401746	100.142	ug/L	98
13) Acetone	4.118	43	265969	249.918	ug/L	97
14) Carbon disulfide	4.393	76	1330852	100.118	ug/L	100
15) Methyl Acetate	4.667	43	202604	112.207	ug/L	100
16) Methylene chloride	4.917	84	410738	89.341	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	432383	101.664	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	653281	109.432	ug/L	99
19) 1,1-Dichloroethane	6.216	63	830049	99.958	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	471985	104.562	ug/L	93
22) 2-Butanone	7.167	43	332418	255.940	ug/L	99
23) Bromochloromethane	7.514	128	195779	100.694	ug/L	95
25) Chloroform	7.673	83	817992	100.491	ug/L	94
27) 1,2-Dichloroethane	8.398	62	569703	101.402	ug/L	100
29) Cyclohexane	7.959	56	786115	102.562	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	676874	96.181	ug/L	99
31) Carbon tetrachloride	8.069	117	604976	96.942	ug/L	100
33) Benzene	8.325	78	1746297	96.254	ug/L	100
34) Trichloroethene	9.093	95	473781	96.362	ug/L	97
35) Methylcyclohexane	9.331	83	833105	99.290	ug/L	99
37) 1,2-Dichloropropane	9.368	63	453407	95.886	ug/L	100
38) Bromodichloromethane	9.642	83	592709	101.125	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	746475	107.488	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	584496	246.795	ug/L	98
42) Toluene	10.386	91	1909044	99.324	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	637806	113.697	ug/L	98

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

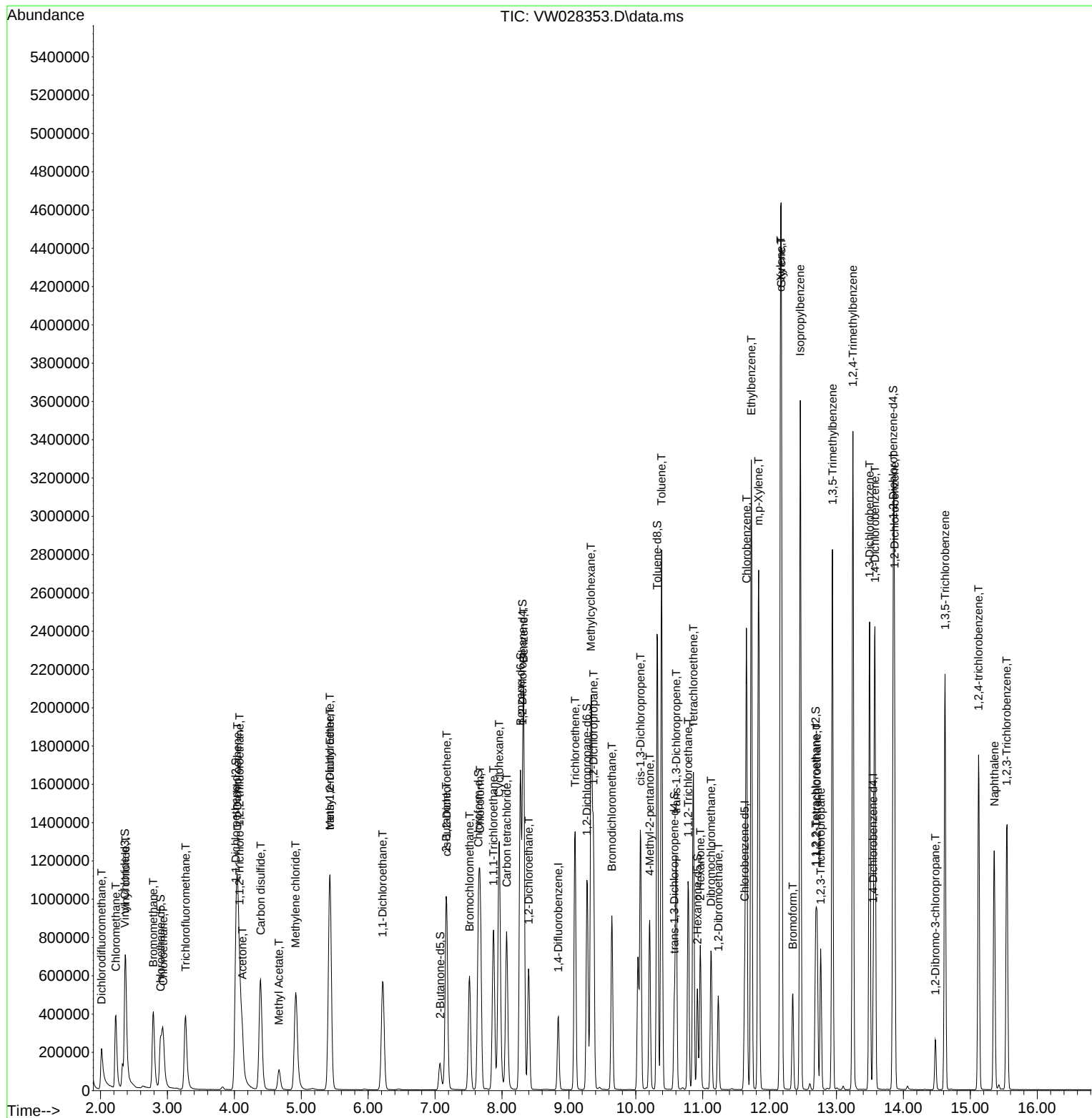
45) 1,1,2-Trichloroethane	10.782	97	327883	102.498	ug/L	94
46) Tetrachloroethene	10.861	164	342556	93.275	ug/L #	74
48) 2-Hexanone	10.965	43	475742	259.472	ug/L	98
49) Dibromochloromethane	11.123	129	368087	107.650	ug/L	99
50) 1,2-Dibromoethane	11.233	107	318795	109.181	ug/L	99
51) Chlorobenzene	11.654	112	1168883	97.840	ug/L	95
52) Ethylbenzene	11.727	91	2194078	100.703	ug/L	100
53) m,p-Xylene	11.837	106	842430	103.973	ug/L	89
54) o-Xylene	12.166	106	781893	103.642	ug/L	100
55) Styrene	12.178	104	1370144	106.710	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	398203	109.988	ug/L	99
59) Bromoform	12.349	173	213554	114.706	ug/L	97
60) Isopropylbenzene	12.458	105	2175238	102.874	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	287314	111.421	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1456441	108.069	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1728849	106.594	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	919073	102.439	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	880854	96.515	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	803786	101.850	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	65499	110.847	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	627160	101.583	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	518428	107.530	ug/L	98
71) Naphthalene	15.360	128	1058843	124.094	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	459383	107.377	ug/L	98

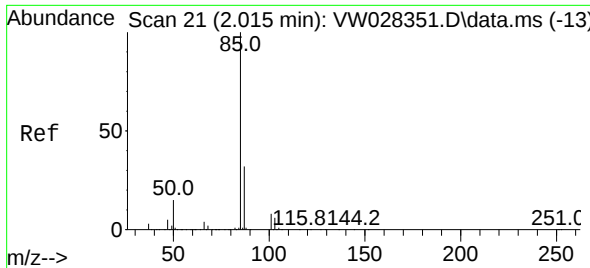
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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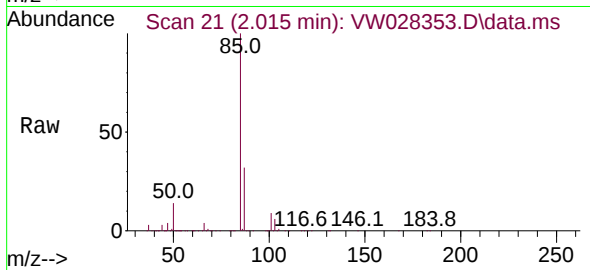
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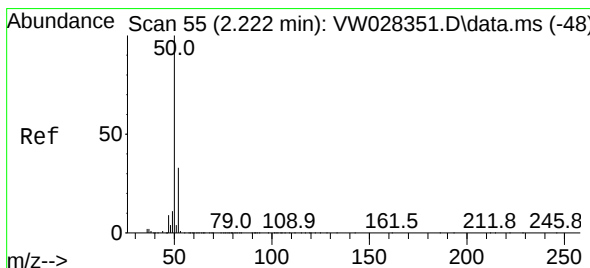
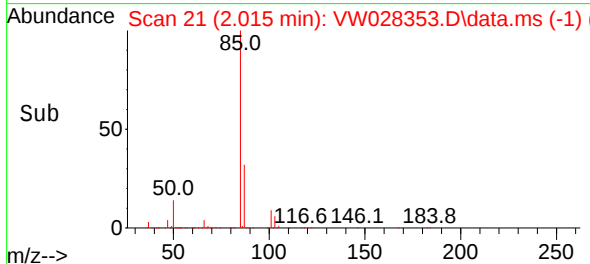
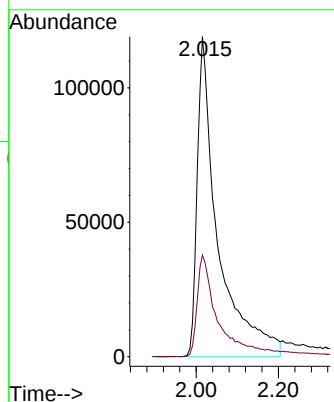


#2
Dichlorodifluoromethane
Concen: 101.169 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW028353.D
Acq: 08 Apr 2024 12:09

Instrument :
MSVOA_W
ClientSampleId :

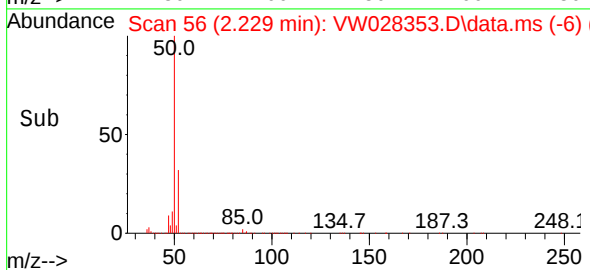
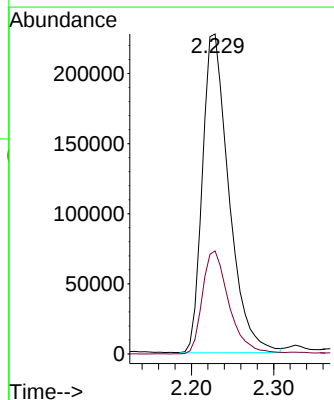
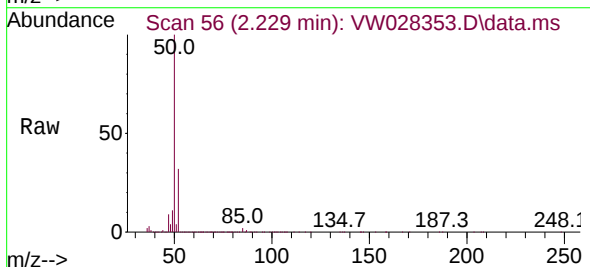


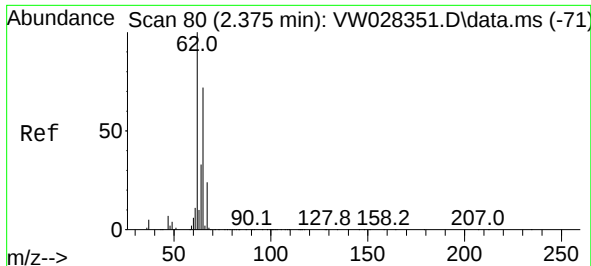
Tgt Ion: 85 Resp: 414563
Ion Ratio Lower Upper
85 100
87 26.9 23.4 35.0



#3
Chloromethane
Concen: 105.751 ug/L
RT: 2.229 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW028353.D
Acq: 08 Apr 2024 12:09

Tgt Ion: 50 Resp: 508771
Ion Ratio Lower Upper
50 100
52 32.2 23.0 42.6

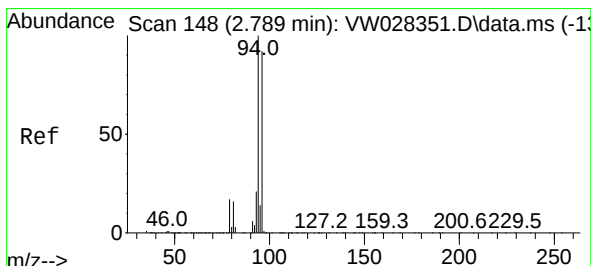
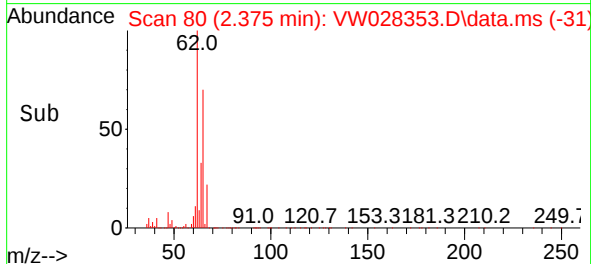
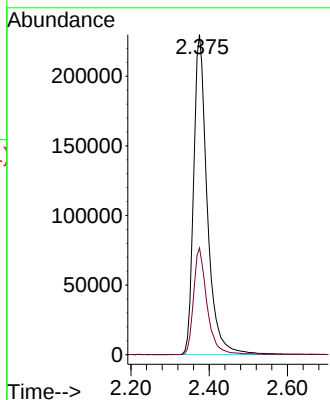
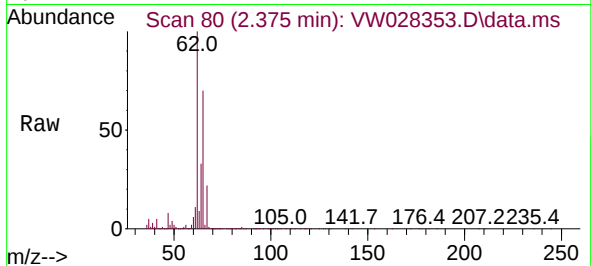




#5
 Vinyl chloride
 Concen: 96.983 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028353.D
 Acq: 08 Apr 2024 12:09

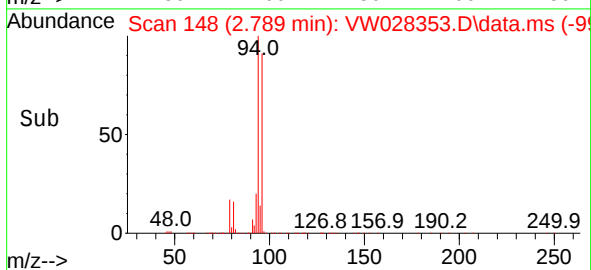
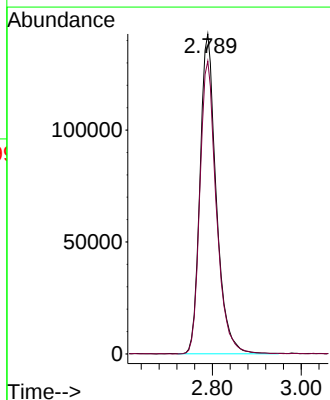
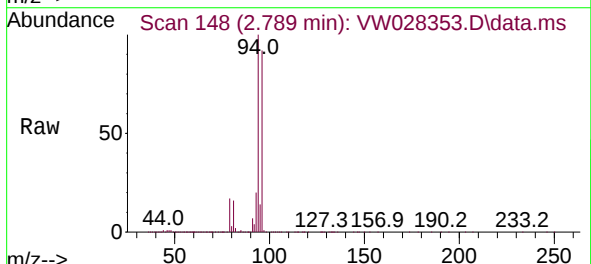
Instrument :
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 ClientSampleId :

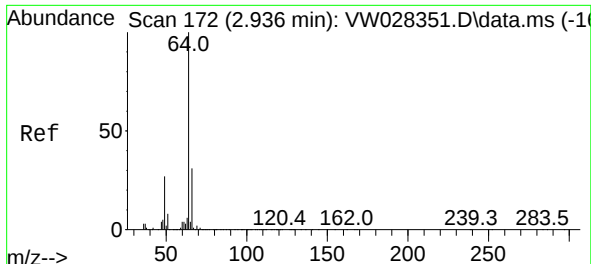
Tgt Ion: 62 Resp: 555664
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.1 42.9



#6
 Bromomethane
 Concen: 101.488 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW028353.D
 Acq: 08 Apr 2024 12:09

Tgt Ion: 94 Resp: 363283
 Ion Ratio Lower Upper
 94 100
 96 91.5 64.3 119.5

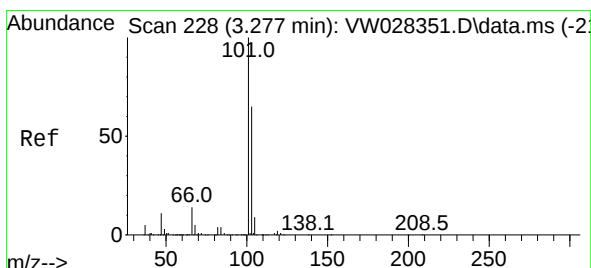
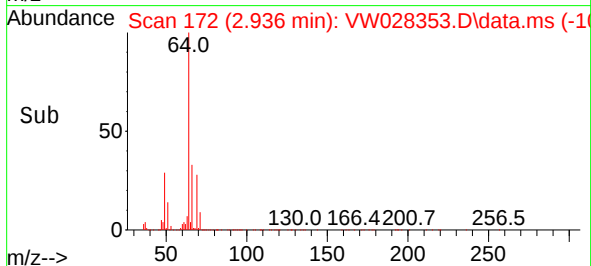
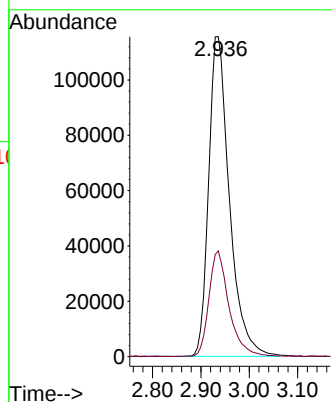
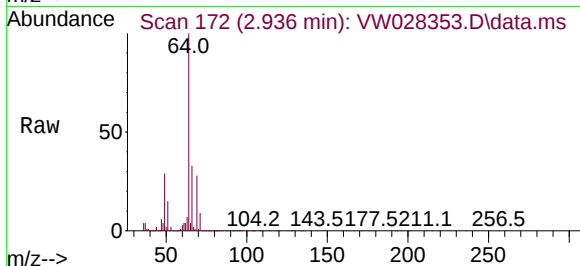




#8
Chloroethane
Concen: 99.801 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028353.D
Acq: 08 Apr 2024 12:09

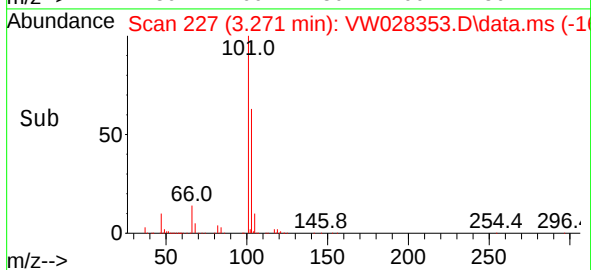
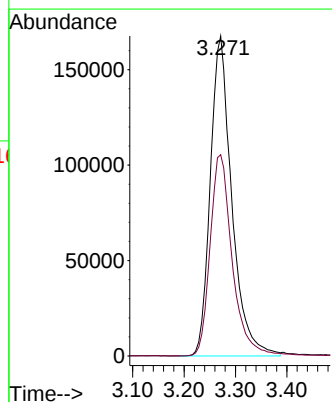
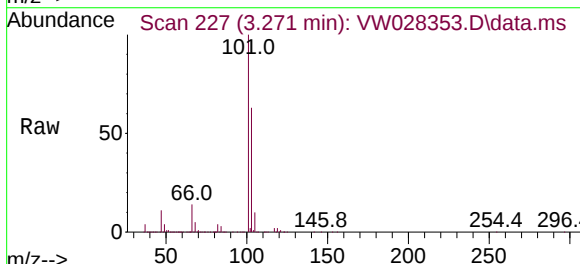
Instrument :
MSVOA_W
ClientSampleId :

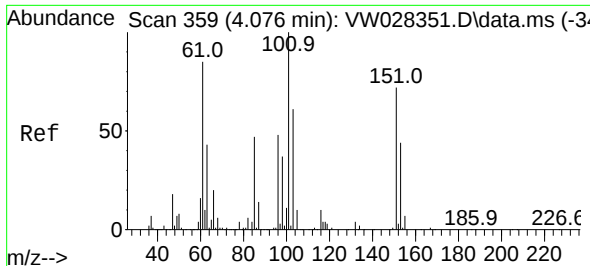
Tgt Ion: 64 Resp: 344698
Ion Ratio Lower Upper
64 100
66 33.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 106.281 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.006 min
Lab File: VW028353.D
Acq: 08 Apr 2024 12:09

Tgt Ion:101 Resp: 485774
Ion Ratio Lower Upper
101 100
103 65.1 52.0 78.0





#10

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

Concen: 96.113 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW028353.D

Acq: 08 Apr 2024 12:09

Instrument :

MSVOA_W

ClientSampleId :

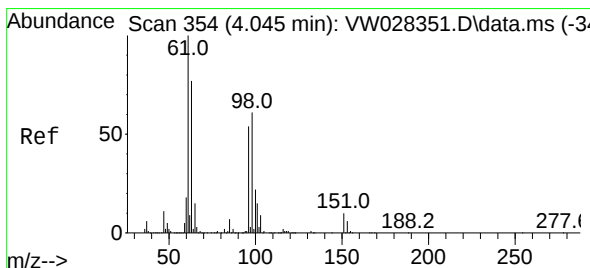
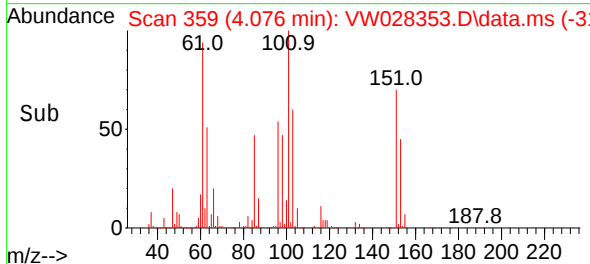
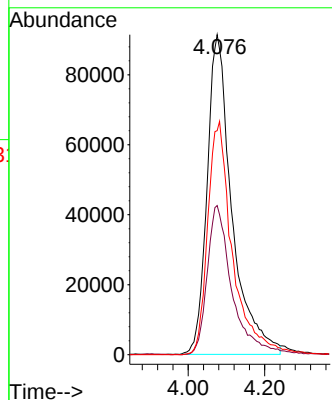
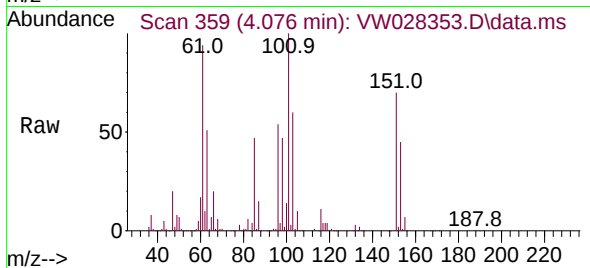
Tgt Ion:101 Resp: 411895

Ion Ratio Lower Upper

101 100

85 46.3 34.5 51.7

151 72.1 57.5 86.3



#12

1,1-Dichloroethene

Concen: 100.142 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW028353.D

Acq: 08 Apr 2024 12:09

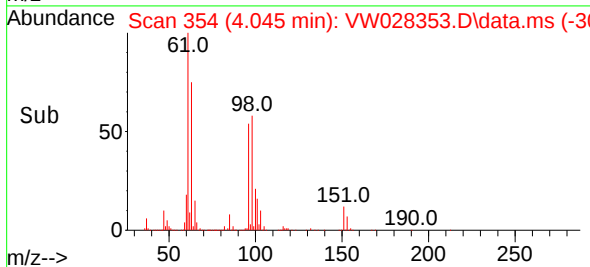
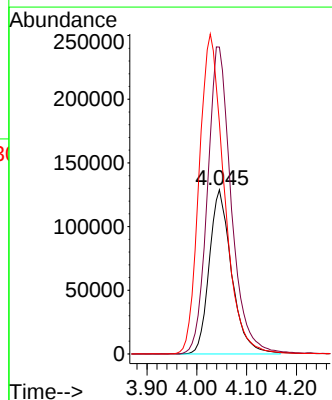
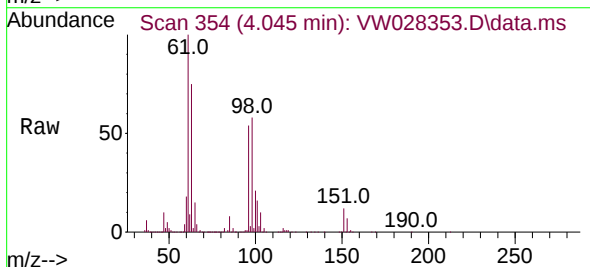
Tgt Ion: 96 Resp: 401746

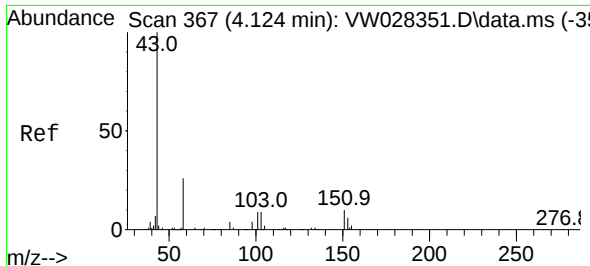
Ion Ratio Lower Upper

96 100

61 186.9 130.5 242.5

63 140.8 101.5 188.5

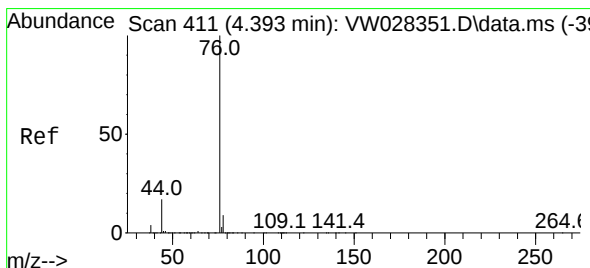
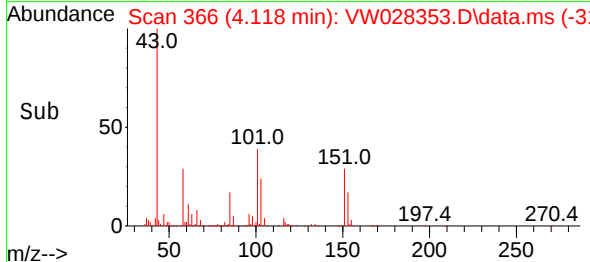
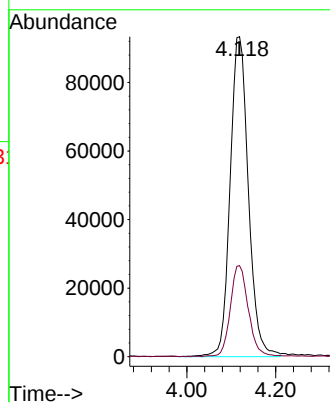
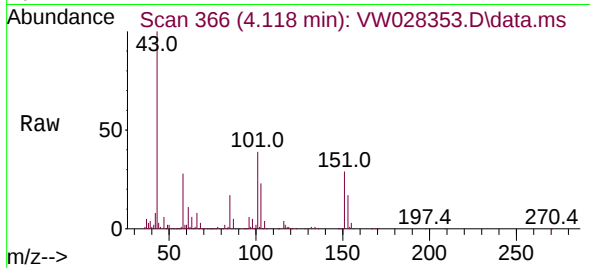




#13
Acetone
Concen: 249.918 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW028353.D
Acq: 08 Apr 2024 12:09

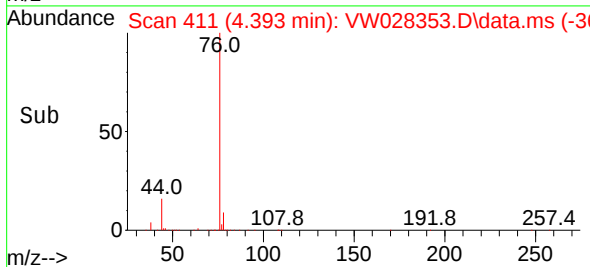
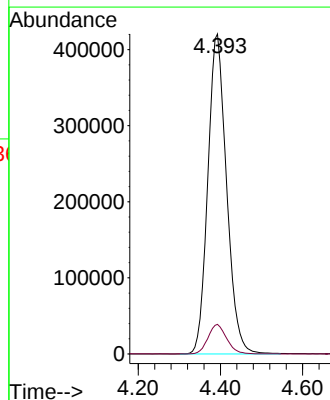
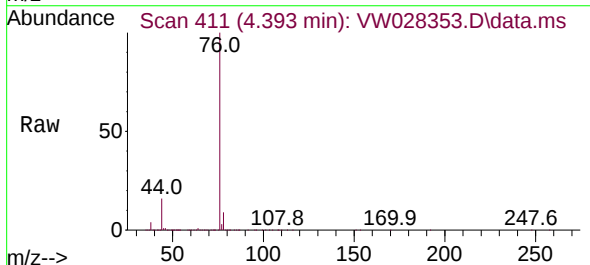
Instrument :
MSVOA_W
ClientSampleId :

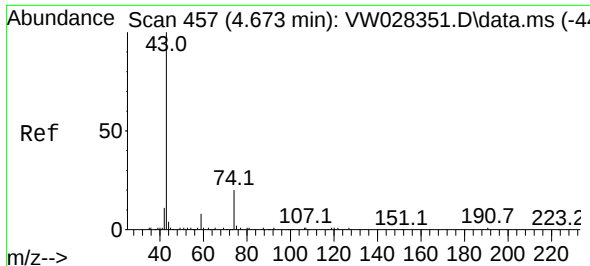
Tgt Ion: 43 Resp: 265969
Ion Ratio Lower Upper
43 100
58 28.0 0.0 53.4



#14
Carbon disulfide
Concen: 100.118 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW028353.D
Acq: 08 Apr 2024 12:09

Tgt Ion: 76 Resp: 1330852
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

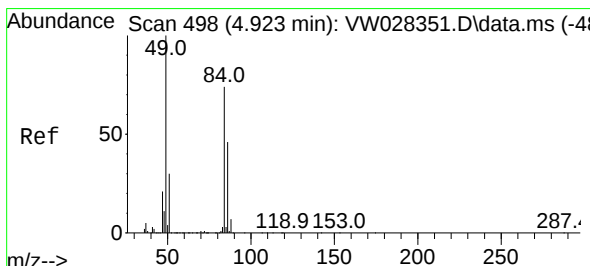
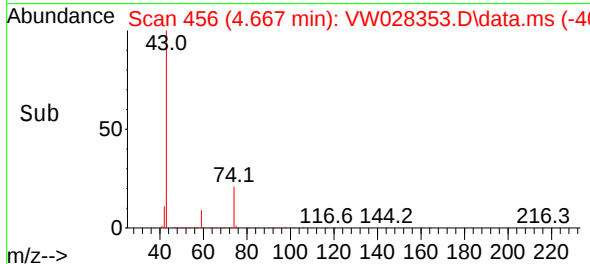
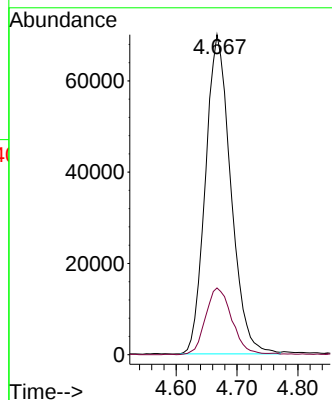
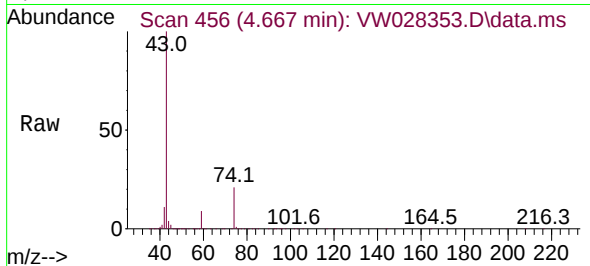




#15
Methyl Acetate
Concen: 112.207 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW028353.D
Acq: 08 Apr 2024 12:09

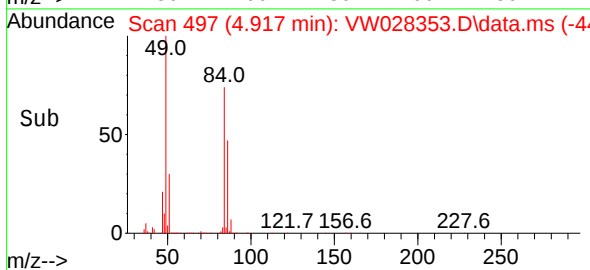
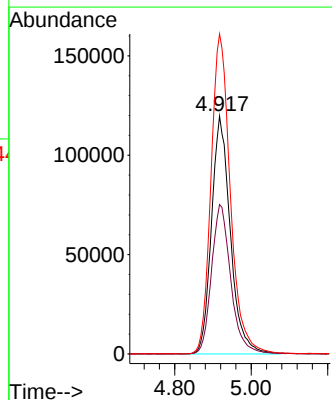
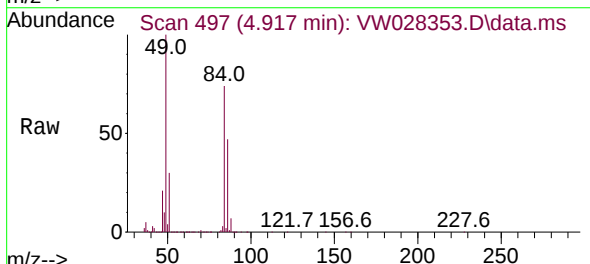
Instrument :
MSVOA_W
ClientSampleId :

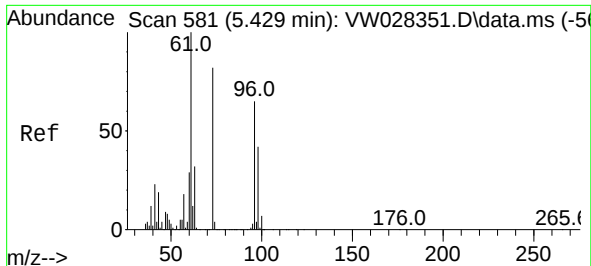
Tgt Ion: 43 Resp: 202604
Ion Ratio Lower Upper
43 100
74 21.6 17.4 26.0



#16
Methylene chloride
Concen: 89.341 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW028353.D
Acq: 08 Apr 2024 12:09

Tgt Ion: 84 Resp: 410738
Ion Ratio Lower Upper
84 100
86 62.8 44.2 82.0
49 134.5 95.0 176.4

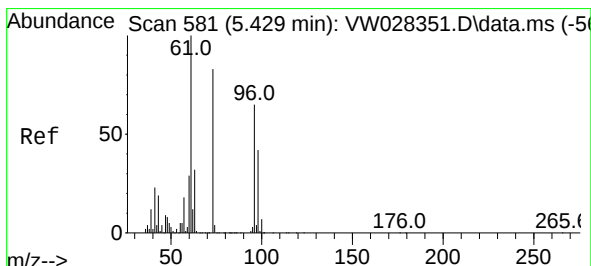
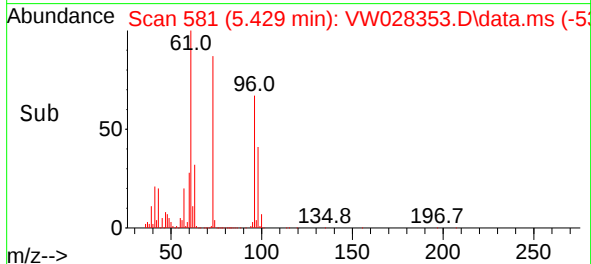
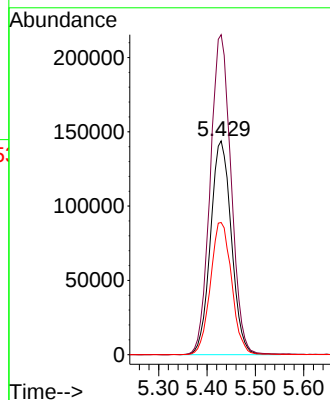
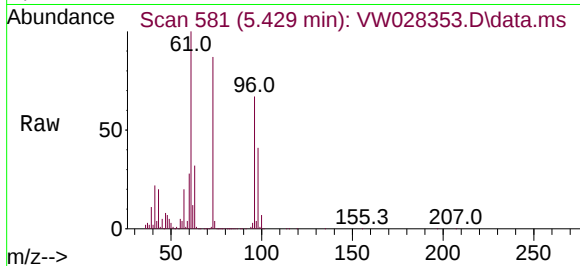




#17
trans-1,2-Dichloroethene
Concen: 101.664 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028353.D
Acq: 08 Apr 2024 12:09

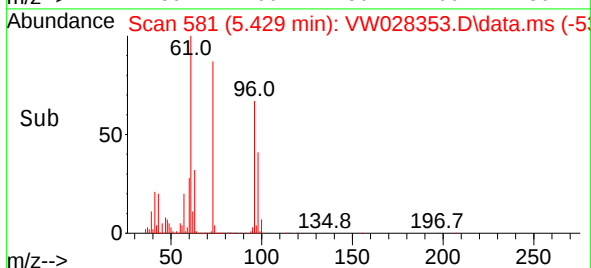
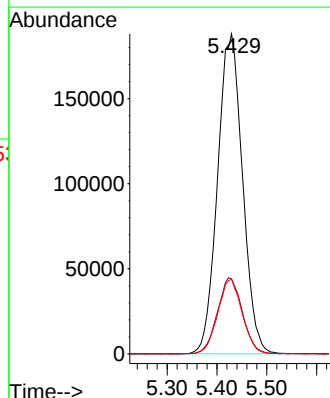
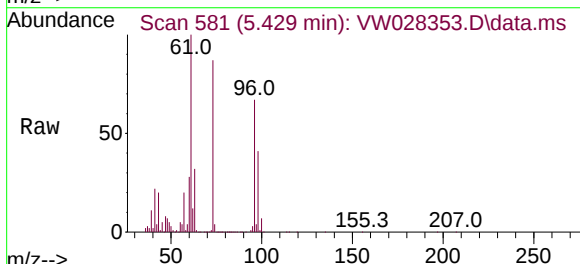
Instrument :
MSVOA_W
ClientSampleId :

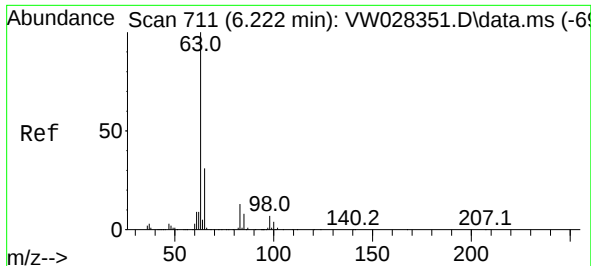
Tgt Ion: 96 Resp: 432383
Ion Ratio Lower Upper
96 100
61 149.7 108.4 201.4
98 61.8 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 109.432 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028353.D
Acq: 08 Apr 2024 12:09

Tgt Ion: 73 Resp: 653281
Ion Ratio Lower Upper
73 100
43 23.6 18.5 27.7
57 22.8 18.2 27.4

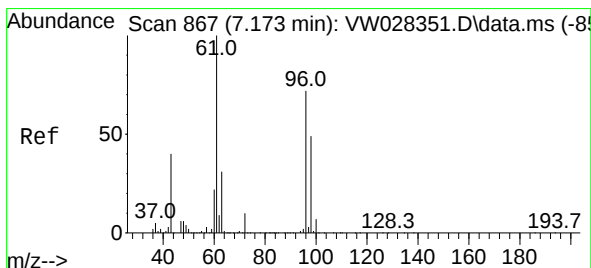
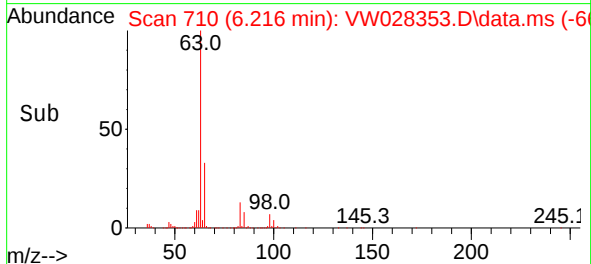
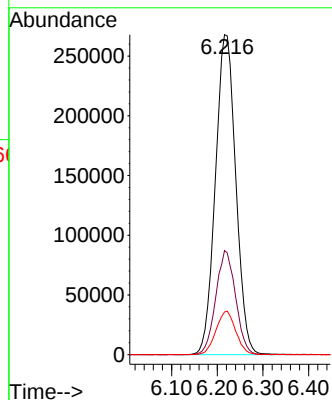
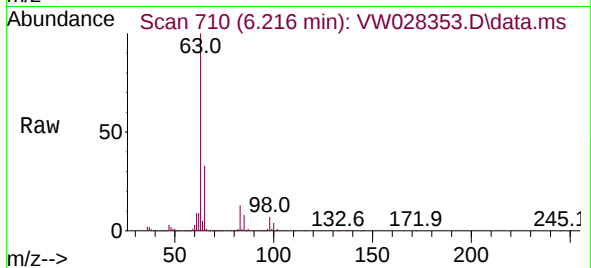




#19
1,1-Dichloroethane
Concen: 99.958 ug/L
RT: 6.216 min Scan# 711
Delta R.T. -0.006 min
Lab File: VW028353.D
Acq: 08 Apr 2024 12:09

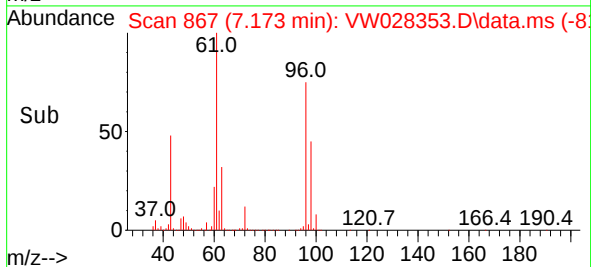
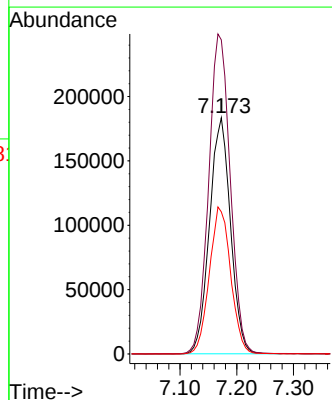
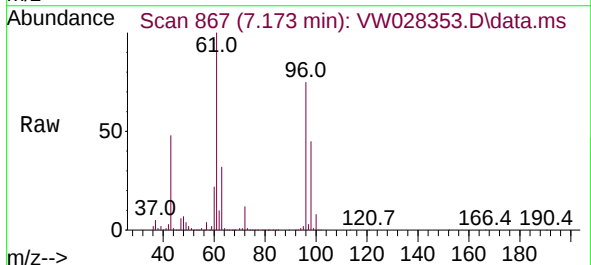
Instrument :
MSVOA_W
ClientSampleId :

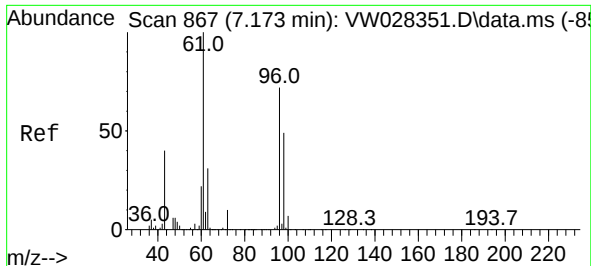
Tgt Ion: 63 Resp: 830049
Ion Ratio Lower Upper
63 100
65 32.5 21.8 40.4
83 13.3 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 104.562 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW028353.D
Acq: 08 Apr 2024 12:09

Tgt Ion: 96 Resp: 471985
Ion Ratio Lower Upper
96 100
61 132.9 97.6 181.2
98 60.1 47.7 88.5





#22

2-Butanone

Concen: 255.940 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW028353.D

Acq: 08 Apr 2024 12:09

Instrument :

MSVOA_W

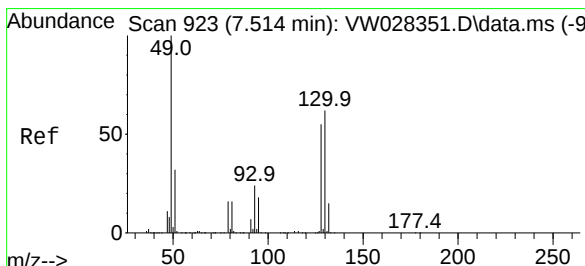
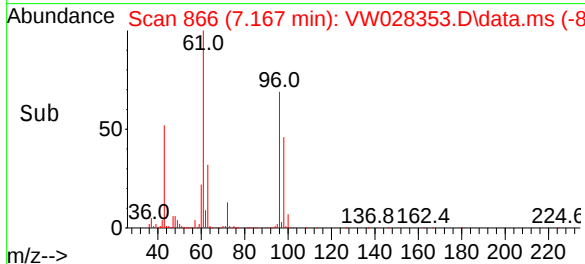
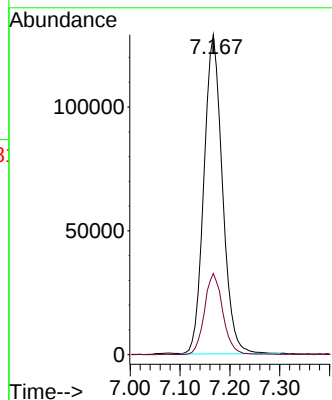
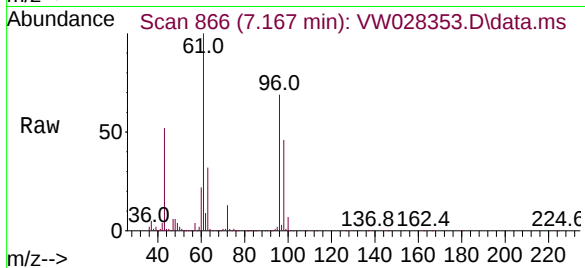
ClientSampleId :

Tgt Ion: 43 Resp: 332418

Ion Ratio Lower Upper

43 100

72 25.1 12.8 38.4



#23

Bromochloromethane

Concen: 100.694 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW028353.D

Acq: 08 Apr 2024 12:09

Tgt Ion: 128 Resp: 195779

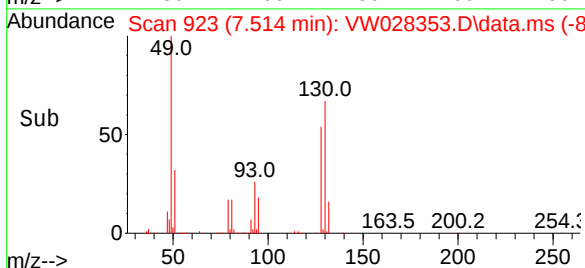
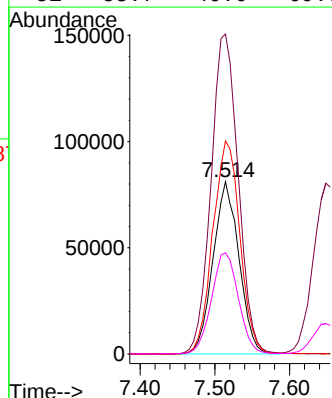
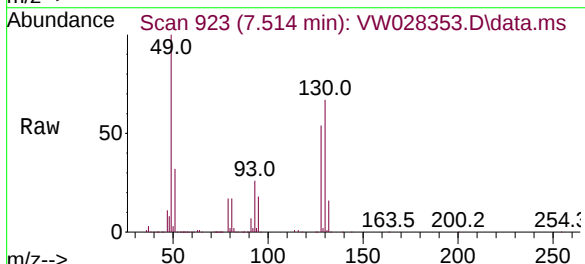
Ion Ratio Lower Upper

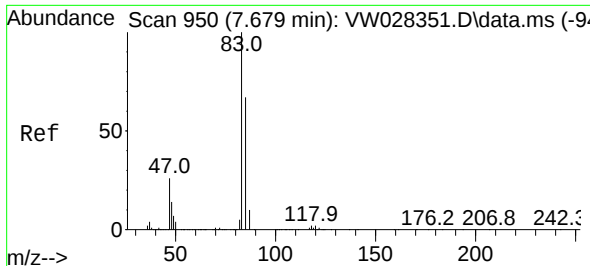
128 100

49 185.7 127.1 236.0

130 123.7 78.3 145.5

51 58.7 46.0 69.0





#25

Chloroform

Concen: 100.491 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

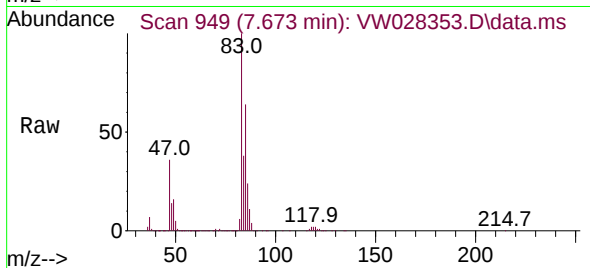
Lab File: VW028353.D

Acq: 08 Apr 2024 12:09

Instrument :

MSVOA_W

ClientSampleId :

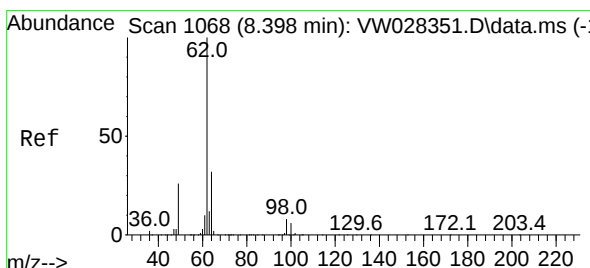
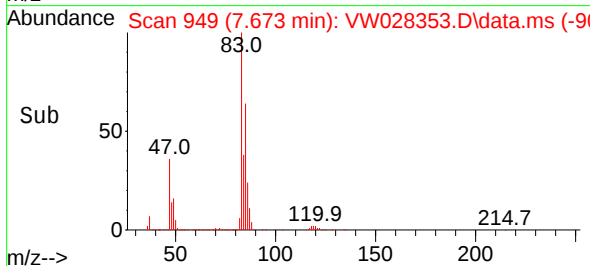
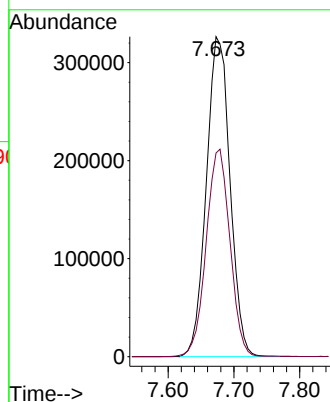


Tgt Ion: 83 Resp: 817992

Ion Ratio Lower Upper

83 100

85 63.7 47.7 88.7



#27

1,2-Dichloroethane

Concen: 101.402 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028353.D

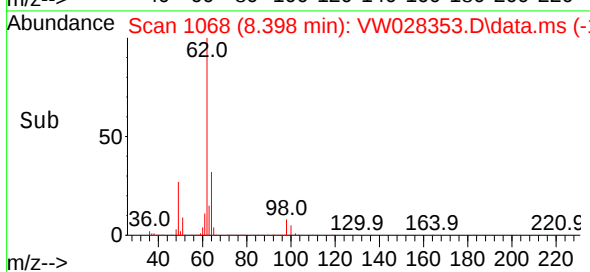
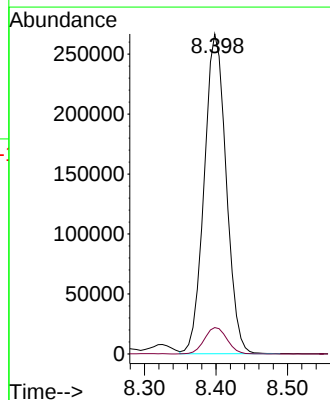
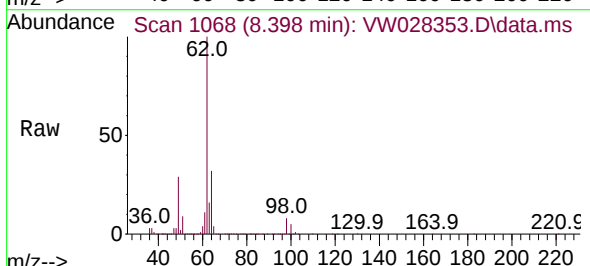
Acq: 08 Apr 2024 12:09

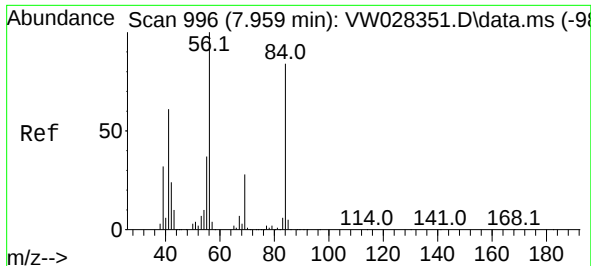
Tgt Ion: 62 Resp: 569703

Ion Ratio Lower Upper

62 100

98 8.2 6.6 10.0





#29

Cyclohexane

Concen: 102.562 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW028353.D

Acq: 08 Apr 2024 12:09

Instrument :

MSVOA_W

ClientSampleId :

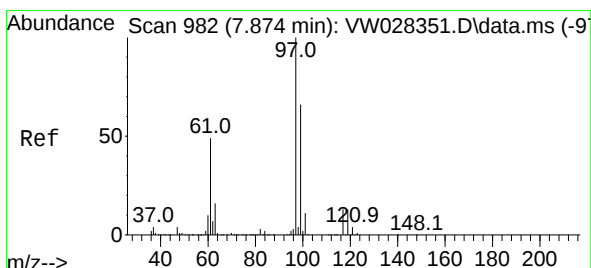
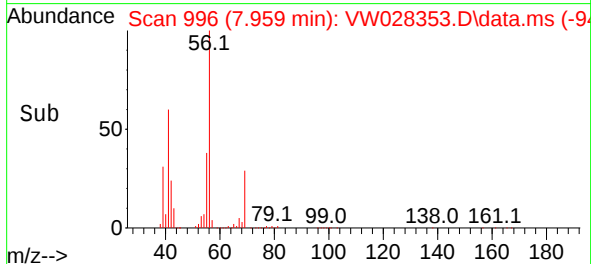
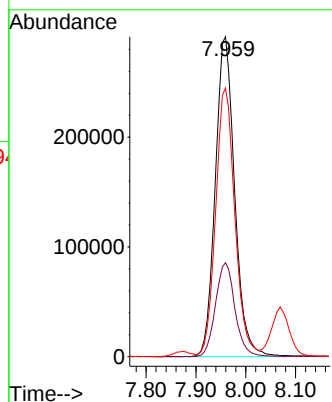
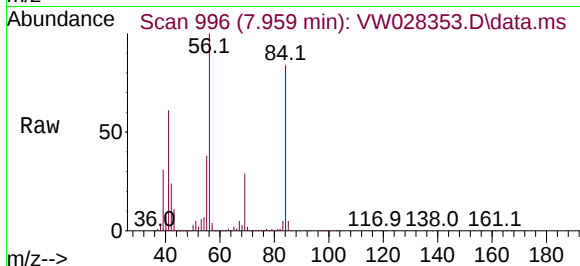
Tgt Ion: 56 Resp: 786115

Ion Ratio Lower Upper

56 100

69 29.6 23.8 35.6

84 83.3 65.9 98.9



#30

1,1,1-Trichloroethane

Concen: 96.181 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028353.D

Acq: 08 Apr 2024 12:09

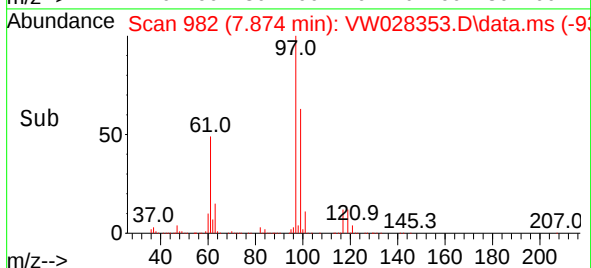
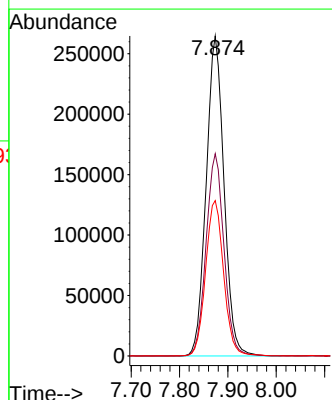
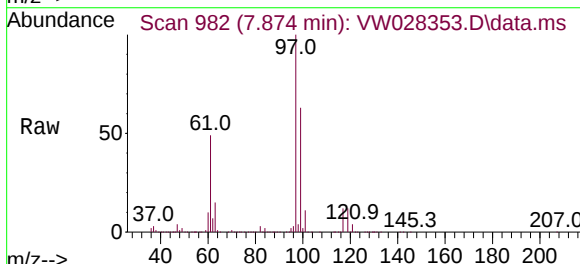
Tgt Ion: 97 Resp: 676874

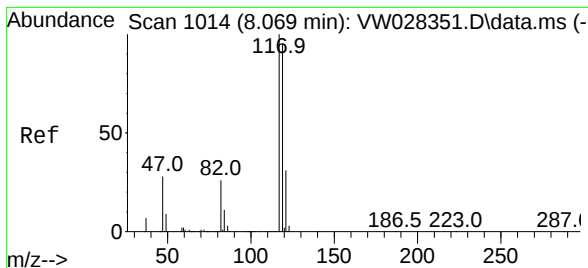
Ion Ratio Lower Upper

97 100

99 63.4 51.4 77.2

61 49.3 40.5 60.7





#31

Carbon tetrachloride

Concen: 96.942 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW028353.D

Acq: 08 Apr 2024 12:09

Instrument :

MSVOA_W

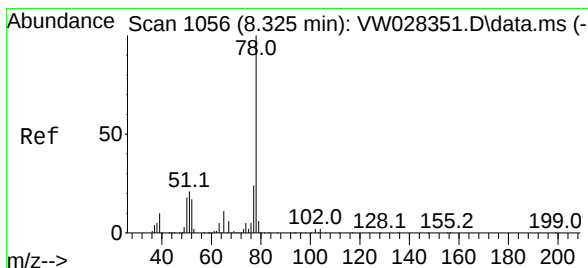
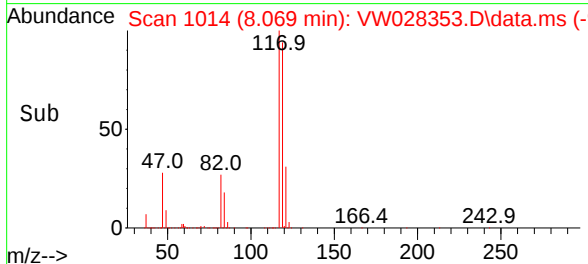
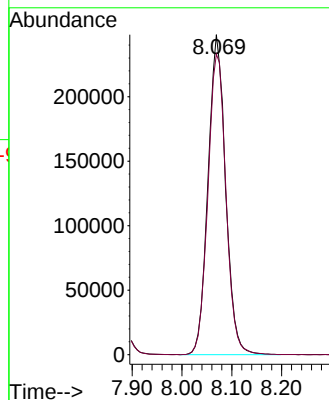
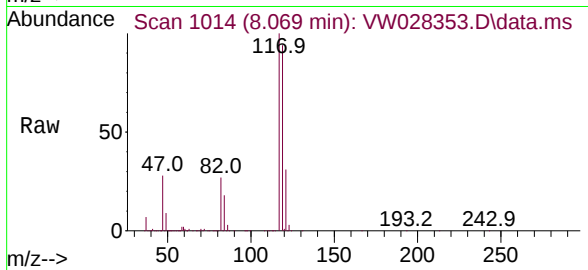
ClientSampleId :

Tgt Ion:117 Resp: 604976

Ion Ratio Lower Upper

117 100

119 97.0 77.4 116.2



#33

Benzene

Concen: 96.254 ug/L

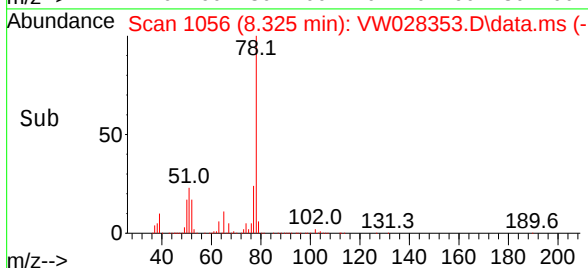
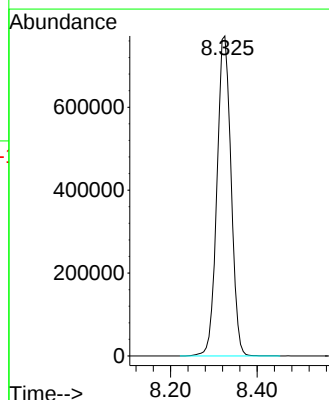
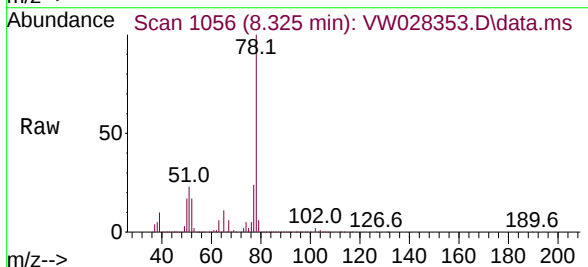
RT: 8.325 min Scan# 1056

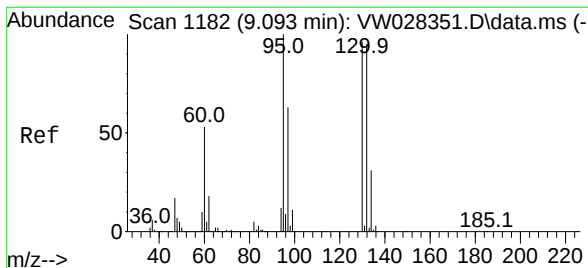
Delta R.T. 0.000 min

Lab File: VW028353.D

Acq: 08 Apr 2024 12:09

Tgt Ion: 78 Resp: 1746297





#34

Trichloroethene

Concen: 96.362 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW028353.D

Acq: 08 Apr 2024 12:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 473781

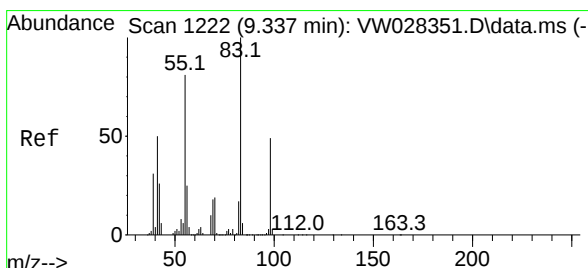
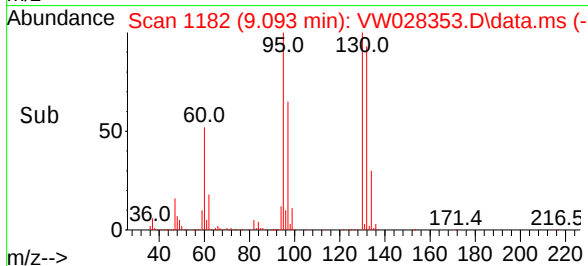
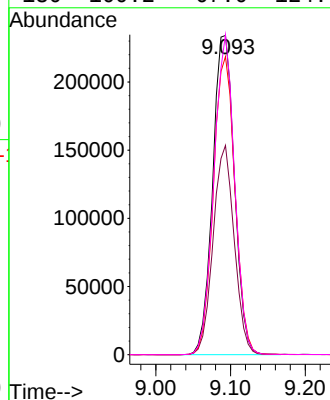
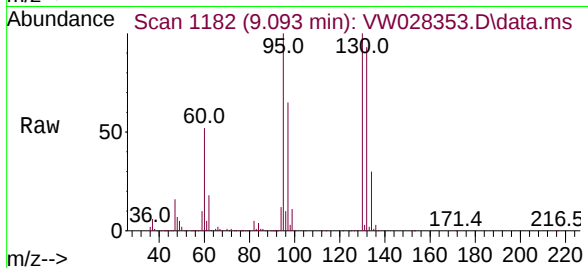
Ion Ratio Lower Upper

95 100

97 65.6 43.8 81.4

132 93.4 66.1 122.8

130 100.2 67.0 124.4



#35

Methylcyclohexane

Concen: 99.290 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW028353.D

Acq: 08 Apr 2024 12:09

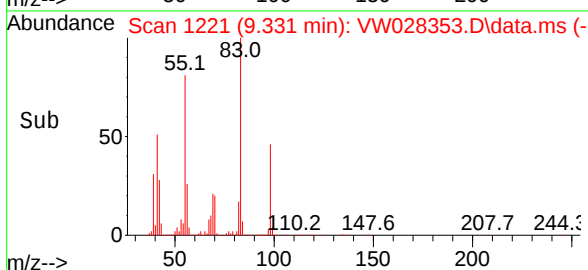
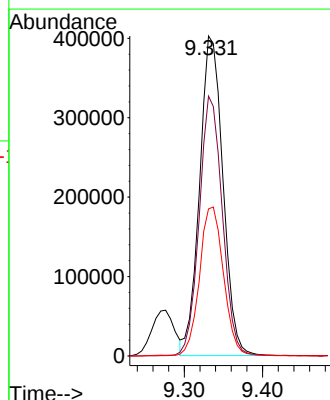
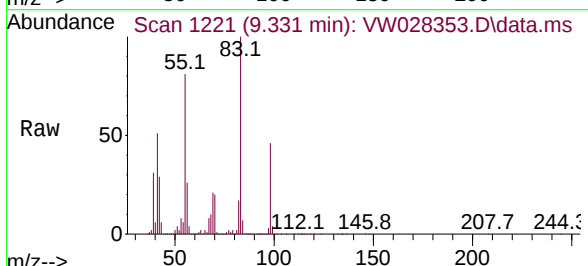
Tgt Ion: 83 Resp: 833105

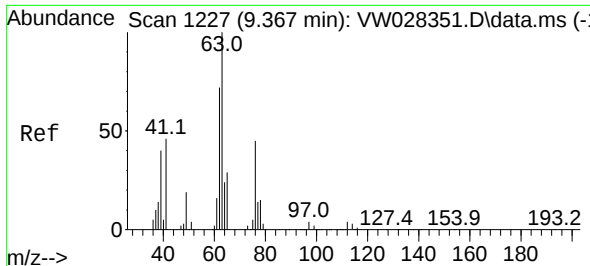
Ion Ratio Lower Upper

83 100

55 80.5 65.7 98.5

98 48.1 38.6 58.0





#37

1,2-Dichloropropane

Concen: 95.886 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028353.D

Acq: 08 Apr 2024 12:09

Instrument :

MSVOA_W

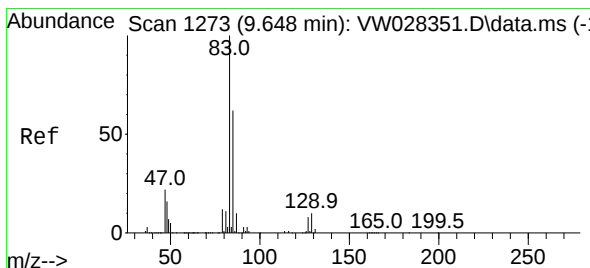
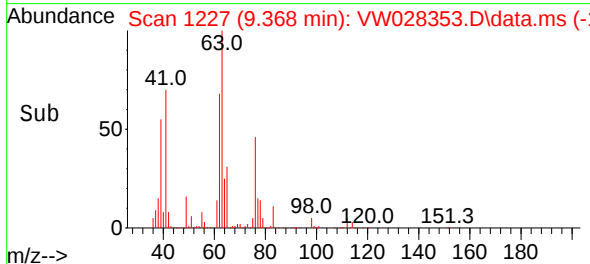
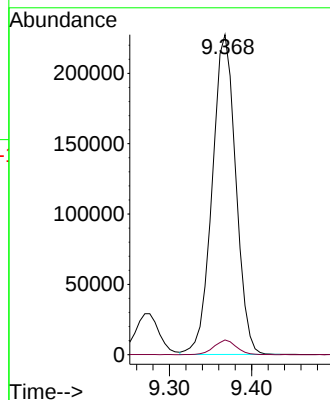
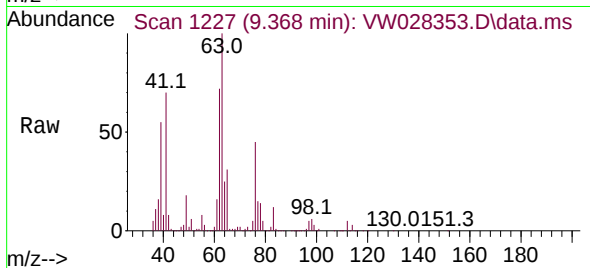
ClientSampleId :

Tgt Ion: 63 Resp: 453407

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 101.125 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW028353.D

Acq: 08 Apr 2024 12:09

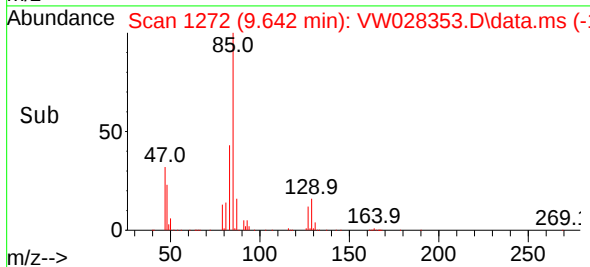
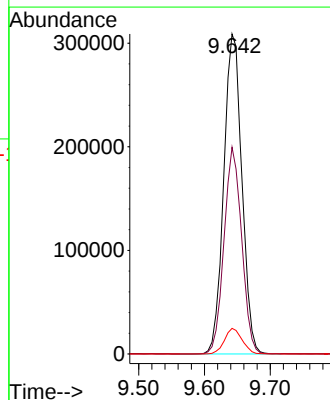
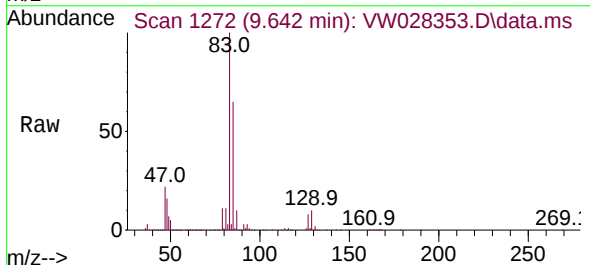
Tgt Ion: 83 Resp: 592709

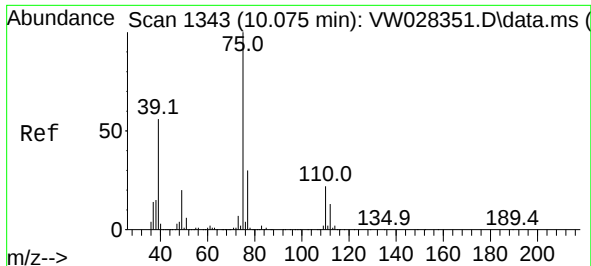
Ion Ratio Lower Upper

83 100

85 64.6 43.1 80.1

127 8.0 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 107.488 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW028353.D

Acq: 08 Apr 2024 12:09

Instrument :

MSVOA_W

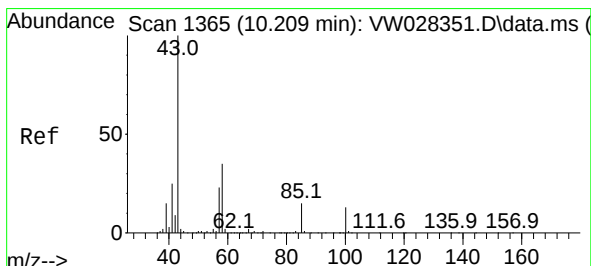
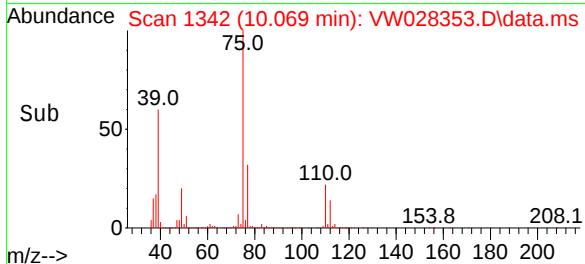
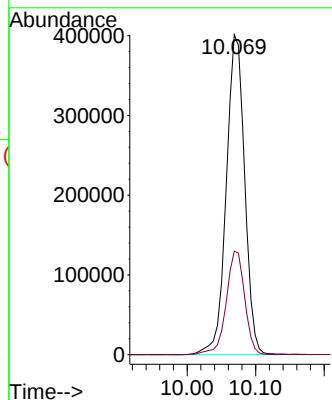
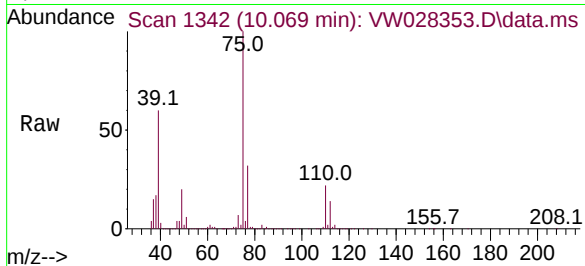
ClientSampleId :

Tgt Ion: 75 Resp: 746475

Ion Ratio Lower Upper

75 100

77 32.4 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 246.795 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028353.D

Acq: 08 Apr 2024 12:09

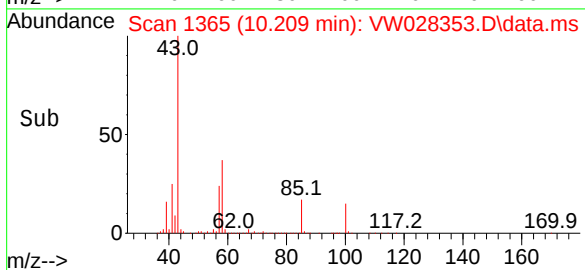
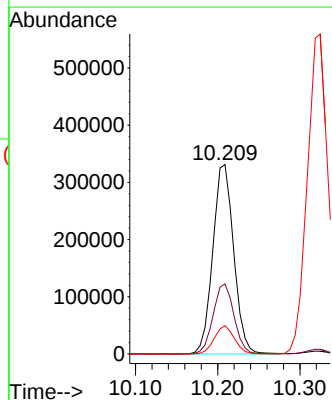
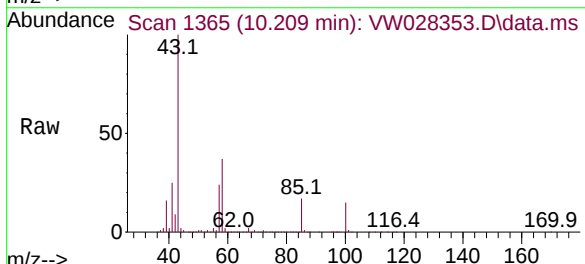
Tgt Ion: 43 Resp: 584496

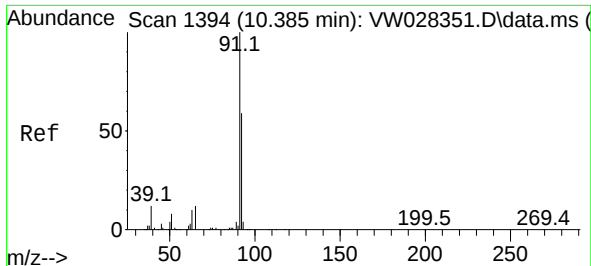
Ion Ratio Lower Upper

43 100

58 37.0 28.6 43.0

100 14.3 10.6 16.0





#42

Toluene

Concen: 99.324 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028353.D

Acq: 08 Apr 2024 12:09

Instrument :

MSVOA_W

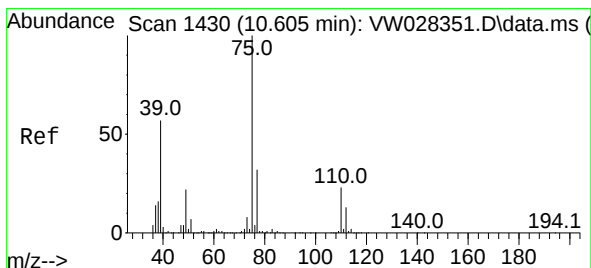
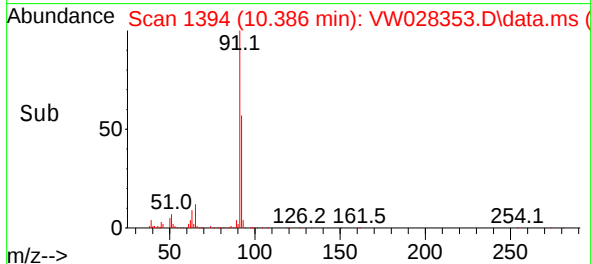
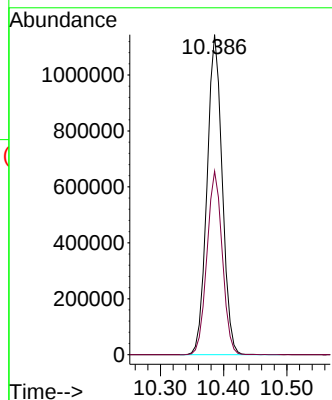
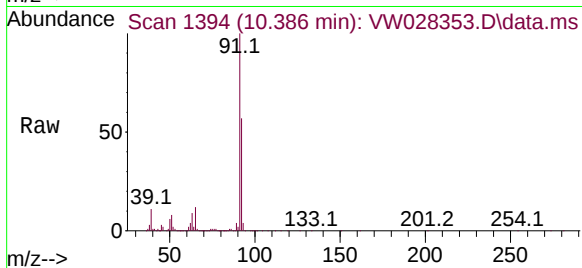
ClientSampleId :

Tgt Ion: 91 Resp: 1909044

Ion Ratio Lower Upper

91 100

92 57.4 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 113.697 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028353.D

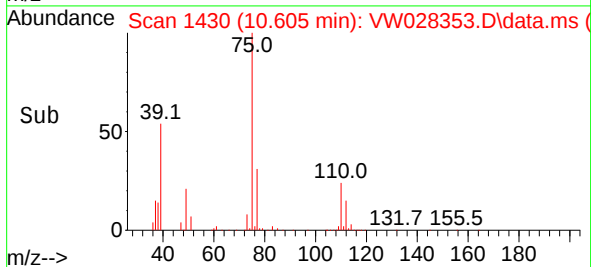
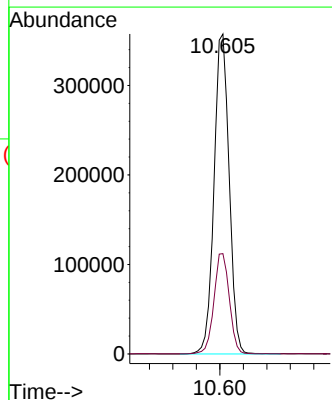
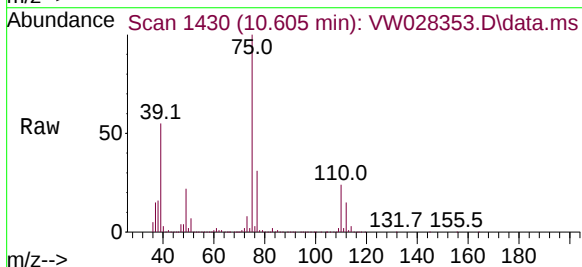
Acq: 08 Apr 2024 12:09

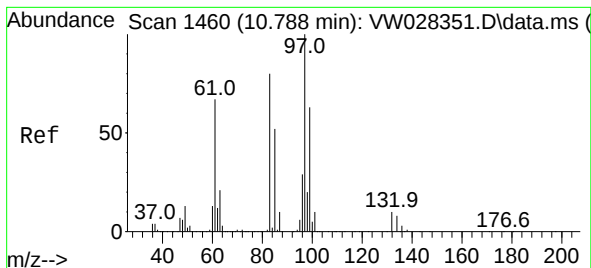
Tgt Ion: 75 Resp: 637806

Ion Ratio Lower Upper

75 100

77 31.4 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 102.498 ug/L

RT: 10.782 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VW028353.D

Acq: 08 Apr 2024 12:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 327883

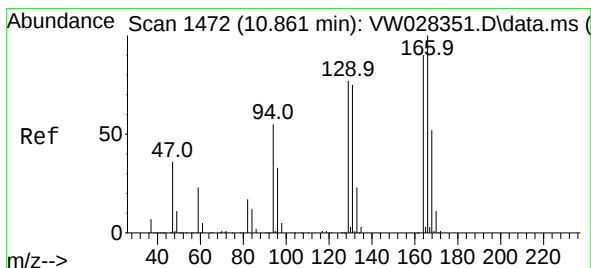
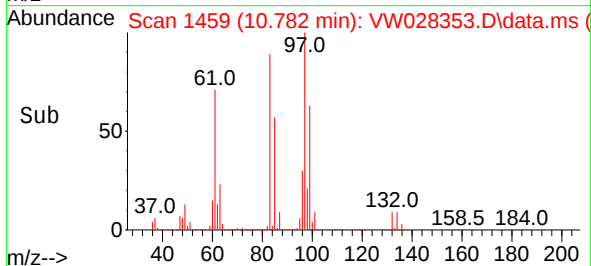
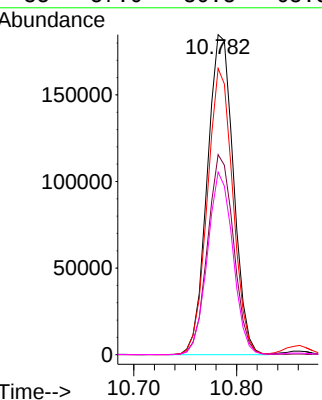
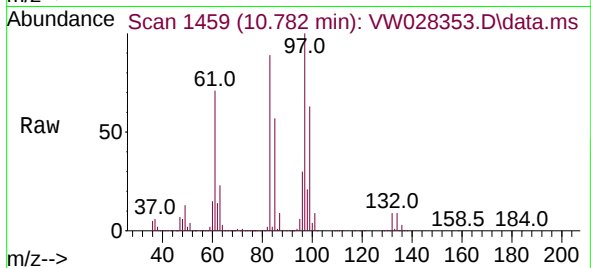
Ion Ratio Lower Upper

97 100

99 62.5 44.2 82.2

83 89.4 56.4 104.7

85 57.0 36.8 68.3



#46

Tetrachloroethene

Concen: 93.275 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028353.D

Acq: 08 Apr 2024 12:09

Tgt Ion:164 Resp: 342556

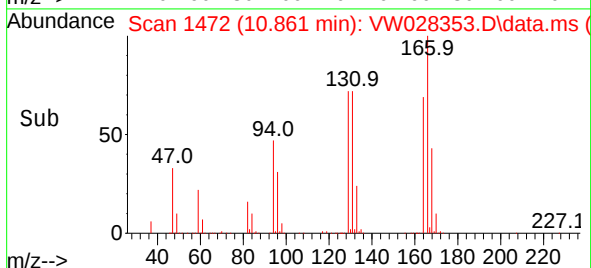
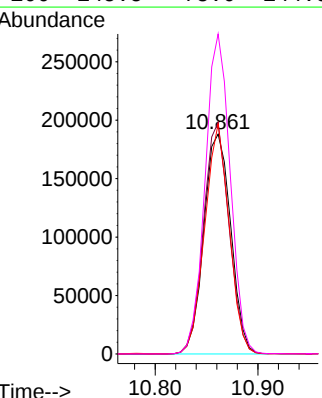
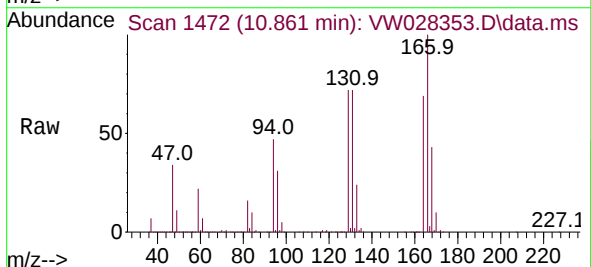
Ion Ratio Lower Upper

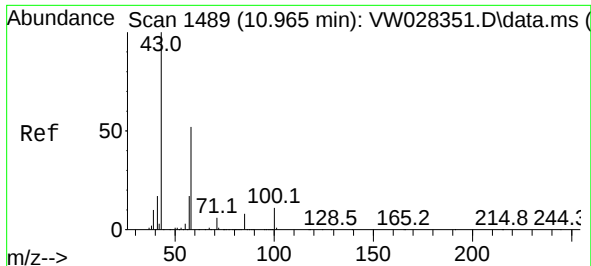
164 100

129 105.3 59.7 110.9

131 104.6 58.2 108.2

166 145.5 78.0 144.8#



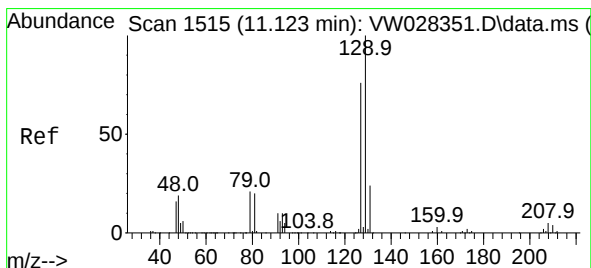
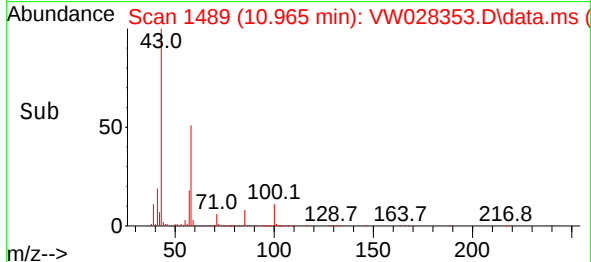
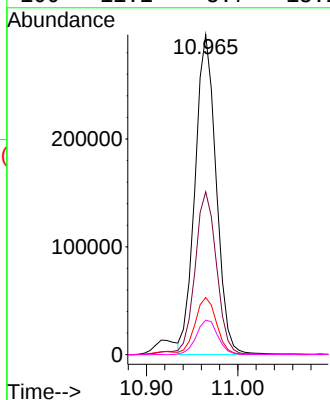
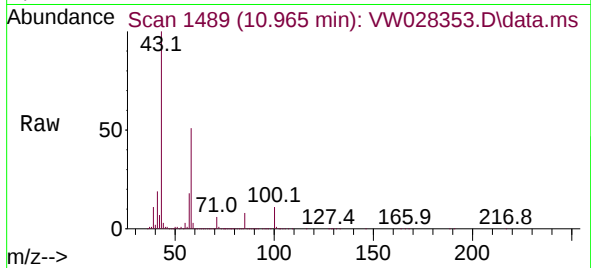


#48
2-Hexanone
Concen: 259.472 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028353.D
Acq: 08 Apr 2024 12:09

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 475742

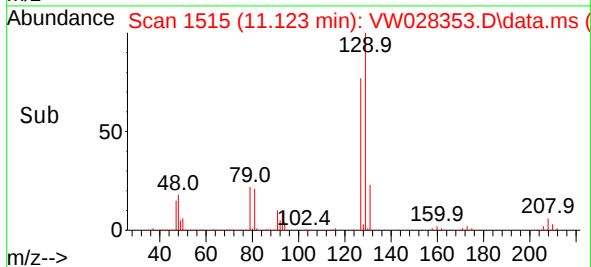
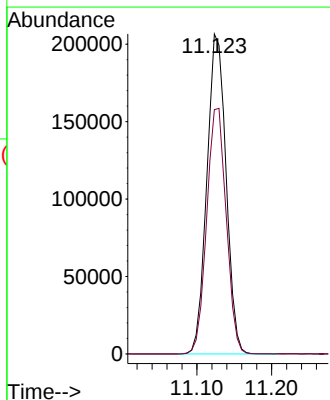
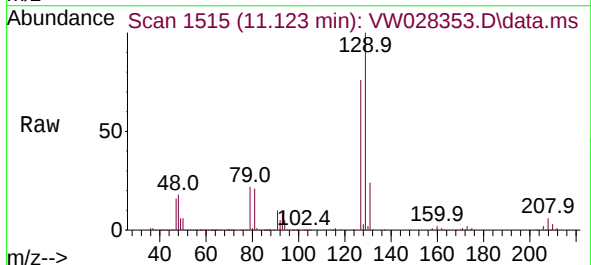
Ion	Ratio	Lower	Upper
43	100		
58	51.1	38.9	58.3
57	18.1	14.4	21.6
100	11.1	8.7	13.1

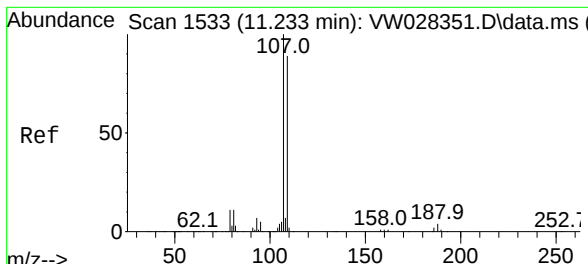


#49
Dibromochloromethane
Concen: 107.650 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW028353.D
Acq: 08 Apr 2024 12:09

Tgt Ion: 129 Resp: 368087

Ion	Ratio	Lower	Upper
129	100		
127	76.3	53.0	98.4



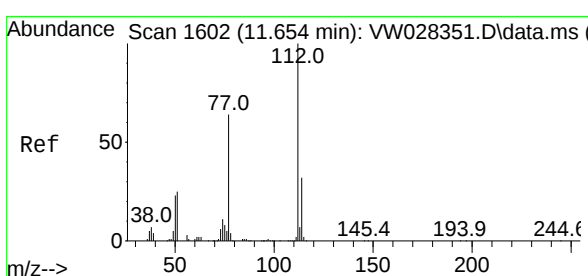
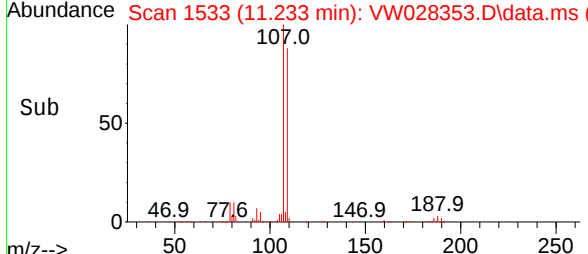
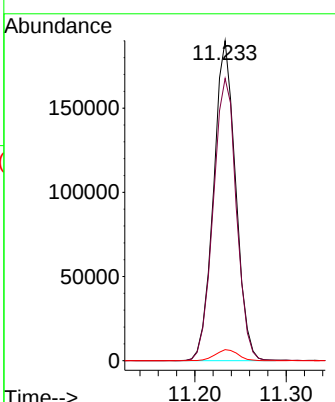
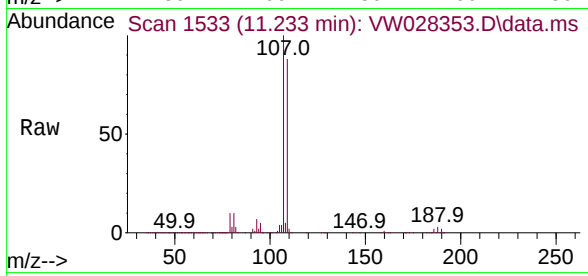


#50
1,2-Dibromoethane
Concen: 109.181 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW028353.D
Acq: 08 Apr 2024 12:09

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:107 Resp: 318795

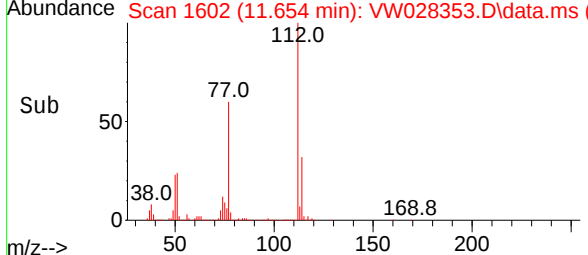
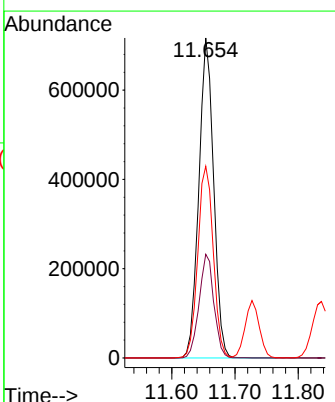
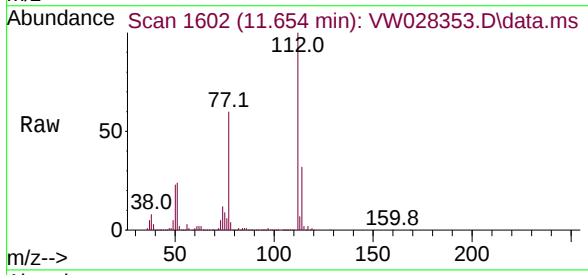
Ion	Ratio	Lower	Upper
107	100		
109	88.2	62.1	115.3
188	3.5	3.2	4.8

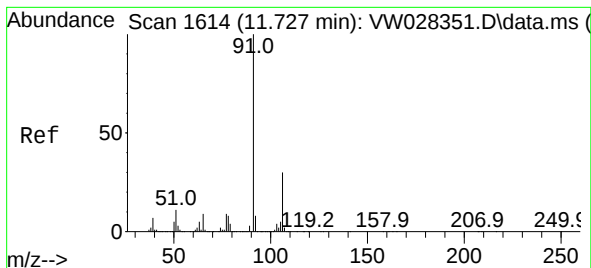


#51
Chlorobenzene
Concen: 97.840 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW028353.D
Acq: 08 Apr 2024 12:09

Tgt Ion:112 Resp: 1168883

Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.3	41.3
77	59.9	51.8	77.8

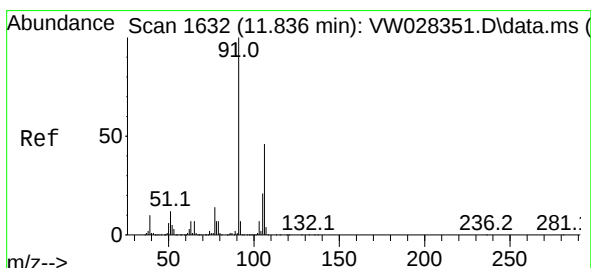
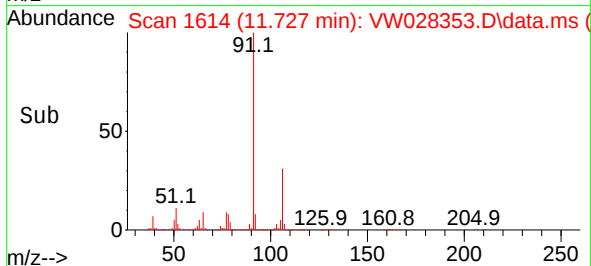
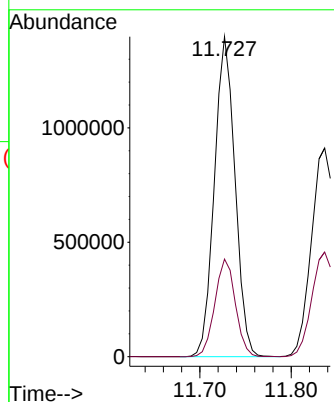
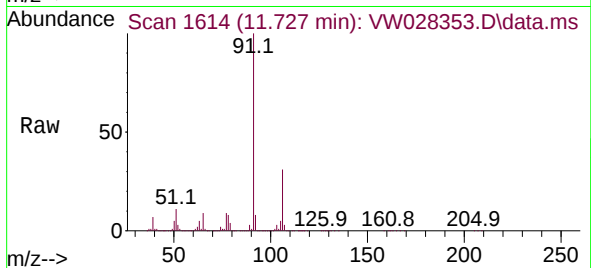




#52
Ethylbenzene
Concen: 100.703 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028353.D
Acq: 08 Apr 2024 12:09

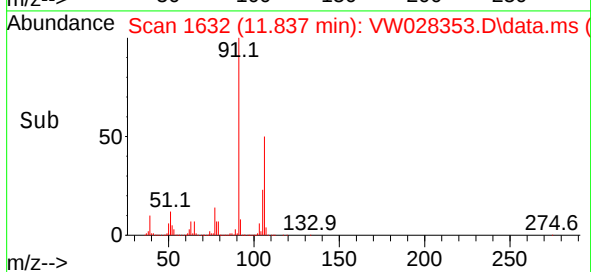
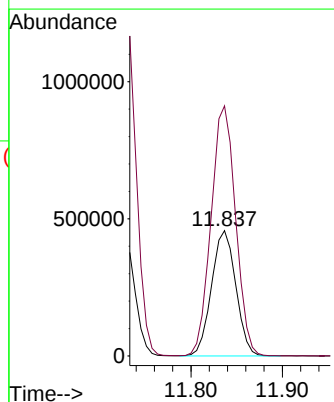
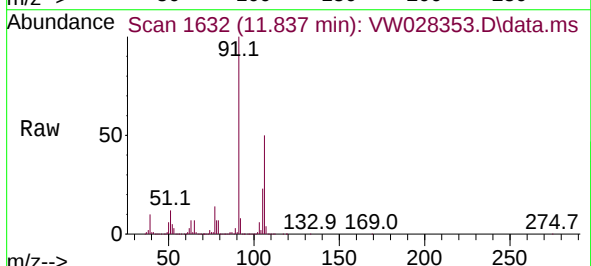
Instrument :
MSVOA_W
ClientSampleId :

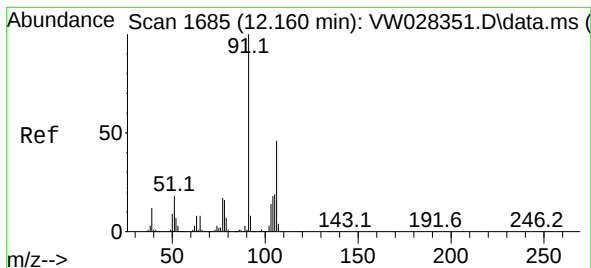
Tgt Ion: 91 Resp: 2194078
Ion Ratio Lower Upper
91 100
106 30.5 21.2 39.4



#53
m,p-Xylene
Concen: 103.973 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028353.D
Acq: 08 Apr 2024 12:09

Tgt Ion:106 Resp: 842430
Ion Ratio Lower Upper
106 100
91 199.5 152.4 283.0





#54

o-Xylene

Concen: 103.642 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028353.D

Acq: 08 Apr 2024 12:09

Instrument :

MSVOA_W

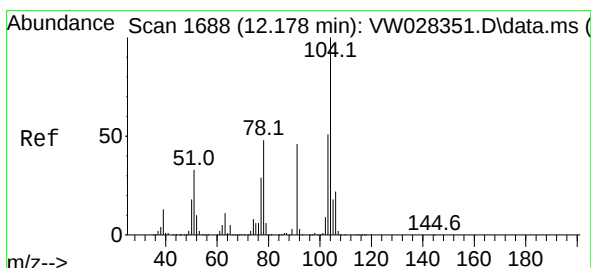
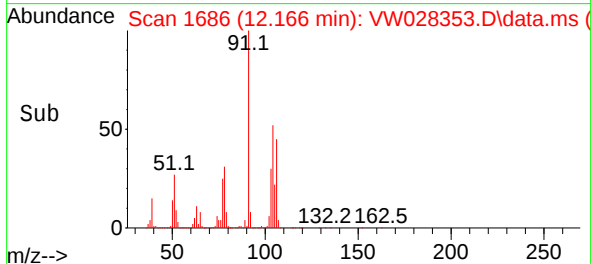
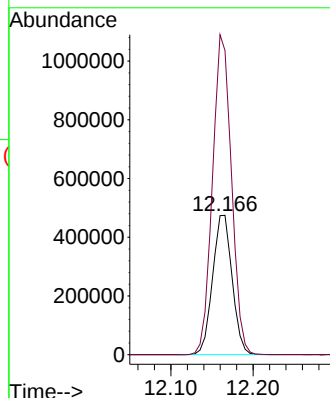
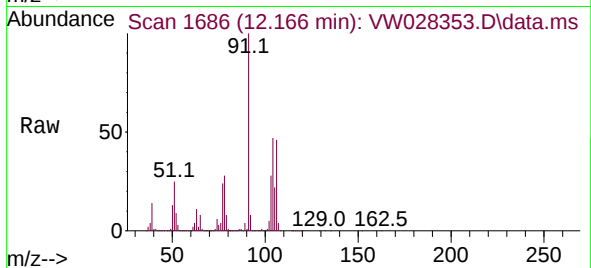
ClientSampleId :

Tgt Ion:106 Resp: 781893

Ion Ratio Lower Upper

106 100

91 218.3 152.9 283.9



#55

Styrene

Concen: 106.710 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028353.D

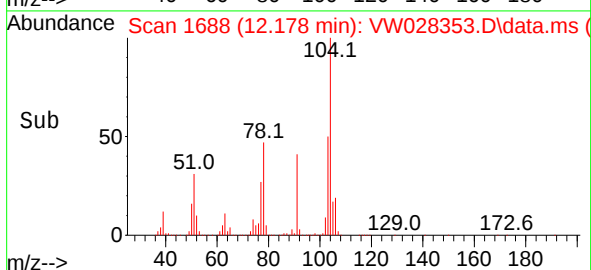
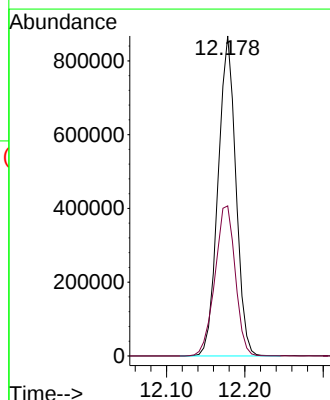
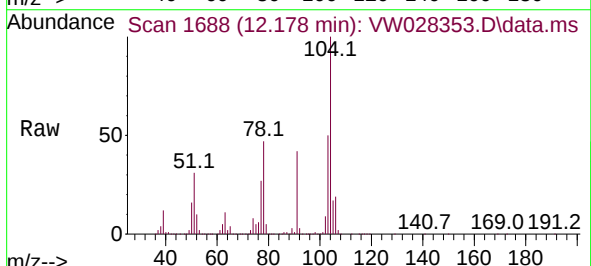
Acq: 08 Apr 2024 12:09

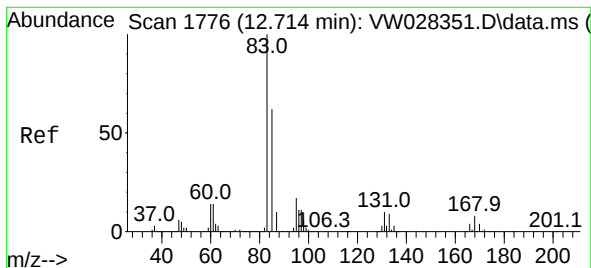
Tgt Ion:104 Resp: 1370144

Ion Ratio Lower Upper

104 100

78 46.9 33.8 62.8





#57

1,1,2,2-Tetrachloroethane

Concen: 109.988 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028353.D

Acq: 08 Apr 2024 12:09

Instrument :

MSVOA_W

ClientSampleId :

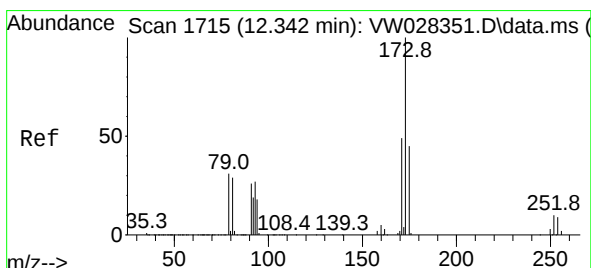
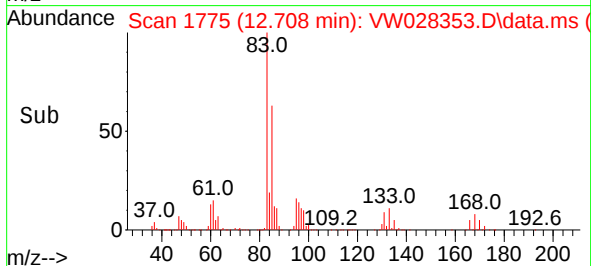
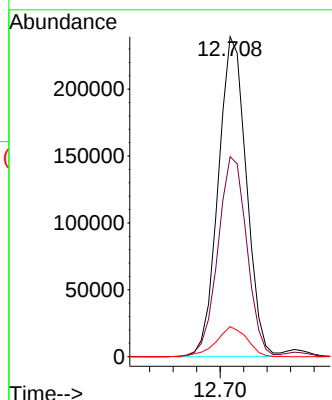
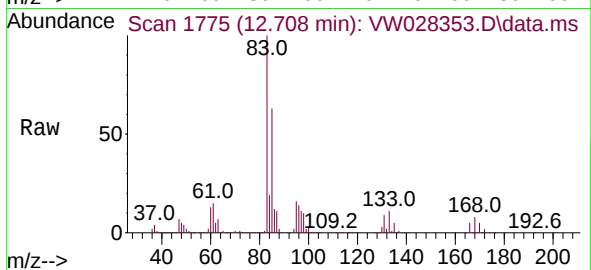
Tgt Ion: 83 Resp: 398203

Ion Ratio Lower Upper

83 100

85 62.5 43.4 80.6

131 9.4 8.0 12.0



#59

Bromoform

Concen: 114.706 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW028353.D

Acq: 08 Apr 2024 12:09

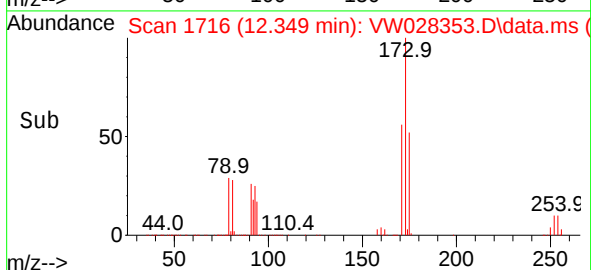
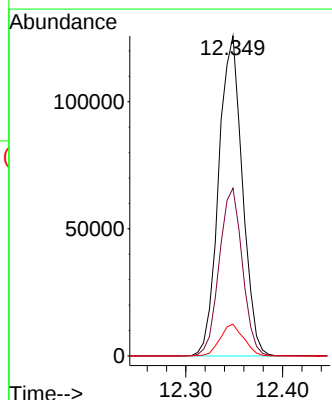
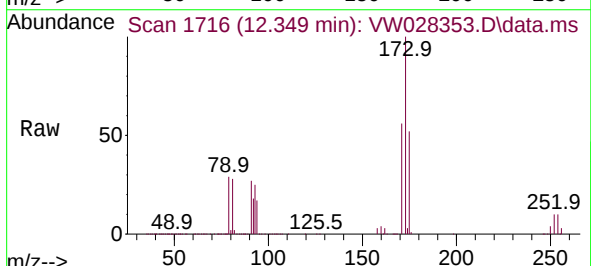
Tgt Ion:173 Resp: 213554

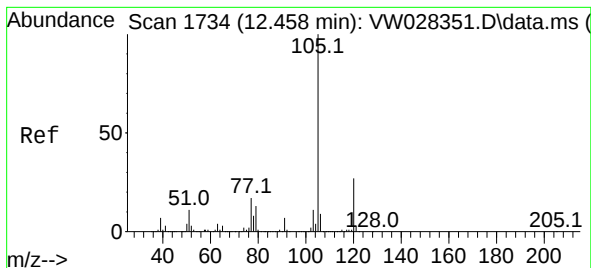
Ion Ratio Lower Upper

173 100

175 51.2 39.2 58.8

254 9.9 8.3 12.5





#60

Isopropylbenzene

Concen: 102.874 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028353.D

Acq: 08 Apr 2024 12:09

Instrument :

MSVOA_W

ClientSampleId :

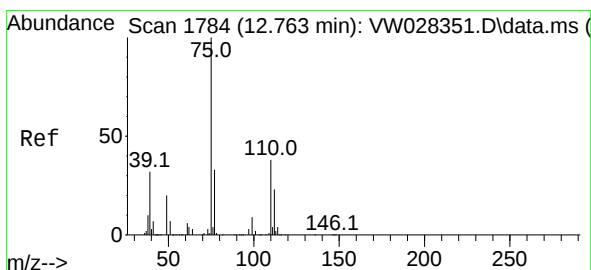
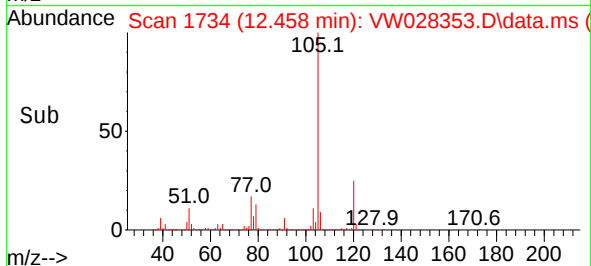
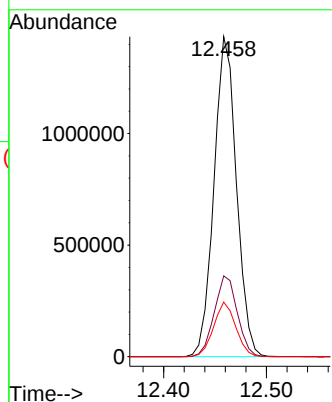
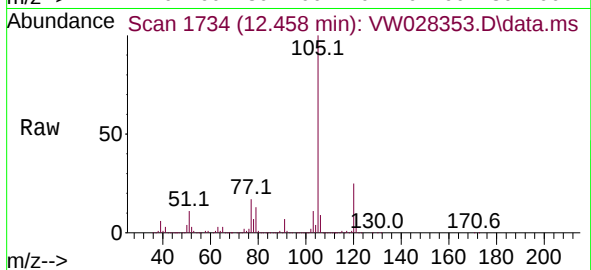
Tgt Ion:105 Resp: 2175238

Ion Ratio Lower Upper

105 100

120 25.9 20.8 31.2

77 16.8 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 111.421 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028353.D

Acq: 08 Apr 2024 12:09

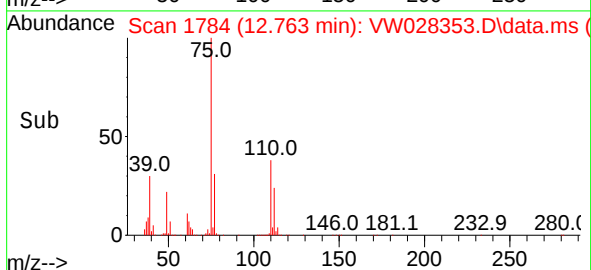
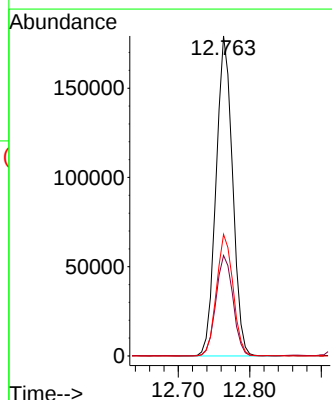
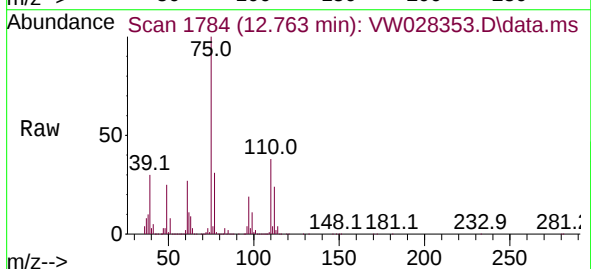
Tgt Ion: 75 Resp: 287314

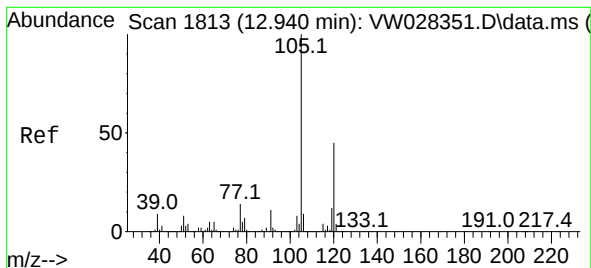
Ion Ratio Lower Upper

75 100

77 32.3 26.1 39.1

110 38.1 30.6 46.0

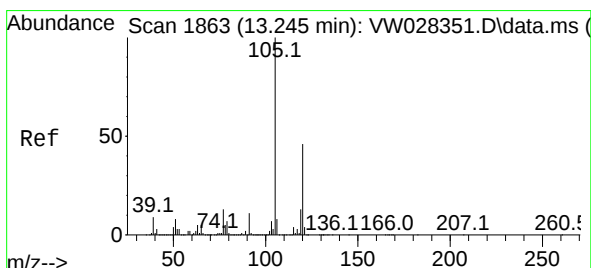
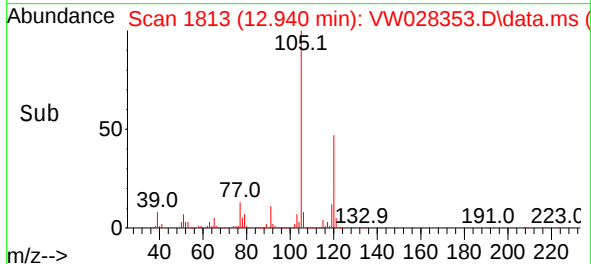
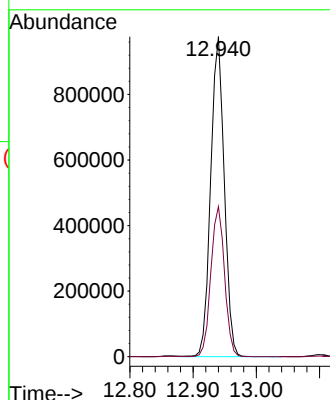
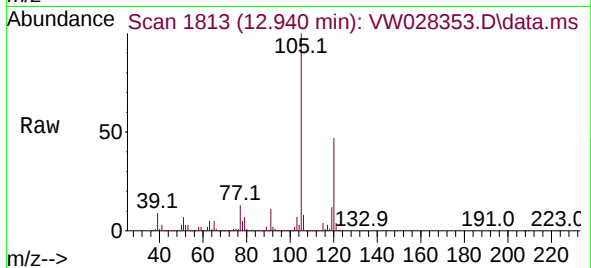




#62
1,3,5-Trimethylbenzene
Concen: 108.069 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028353.D
Acq: 08 Apr 2024 12:09

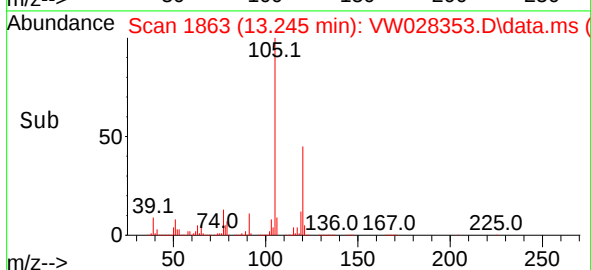
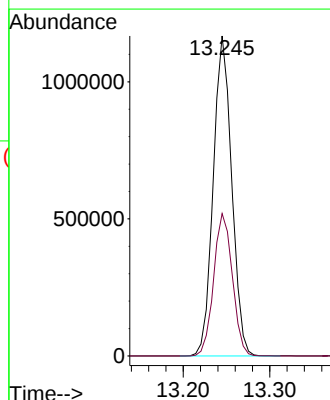
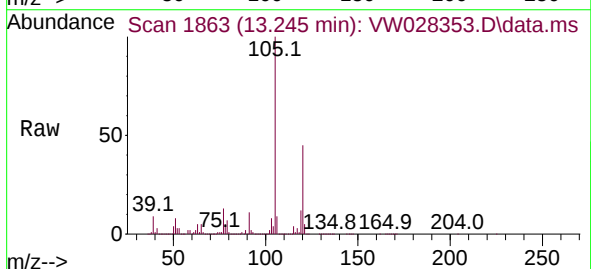
Instrument :
MSVOA_W
ClientSampleId :

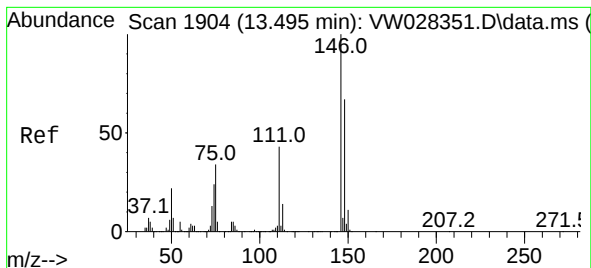
Tgt Ion:105 Resp: 1456441
Ion Ratio Lower Upper
105 100
120 47.3 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 106.594 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028353.D
Acq: 08 Apr 2024 12:09

Tgt Ion:105 Resp: 1728849
Ion Ratio Lower Upper
105 100
120 45.0 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 102.439 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

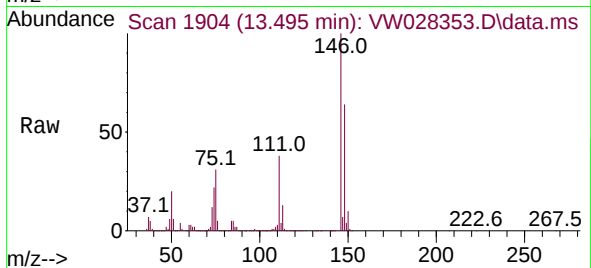
Lab File: VW028353.D

Acq: 08 Apr 2024 12:09

Instrument :

MSVOA_W

ClientSampleId :



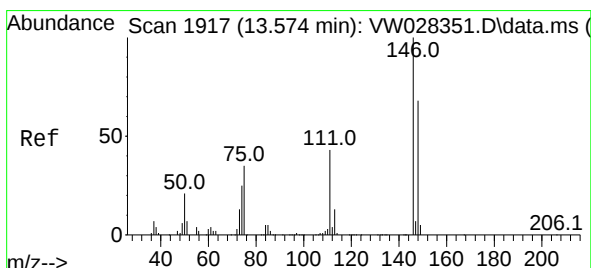
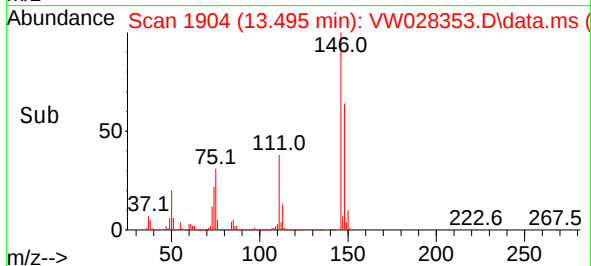
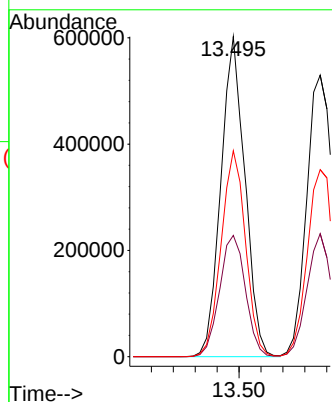
Tgt Ion:146 Resp: 919073

Ion Ratio Lower Upper

146 100

111 37.9 29.8 55.3

148 64.4 47.3 87.8



#65

1,4-Dichlorobenzene

Concen: 96.515 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW028353.D

Acq: 08 Apr 2024 12:09

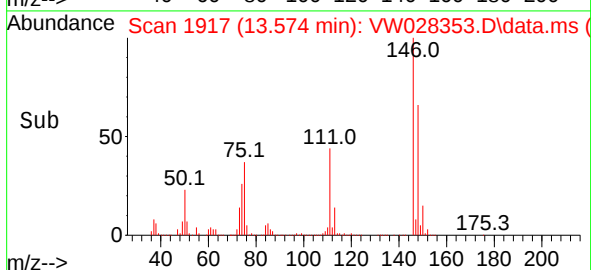
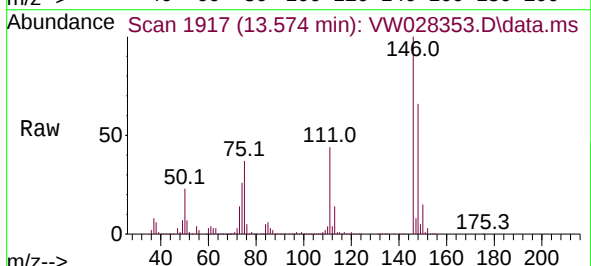
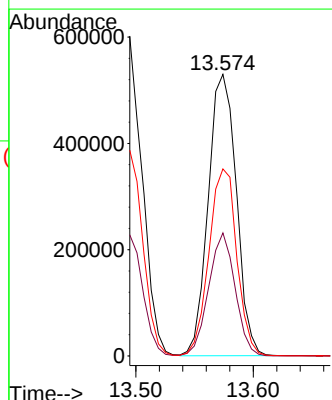
Tgt Ion:146 Resp: 880854

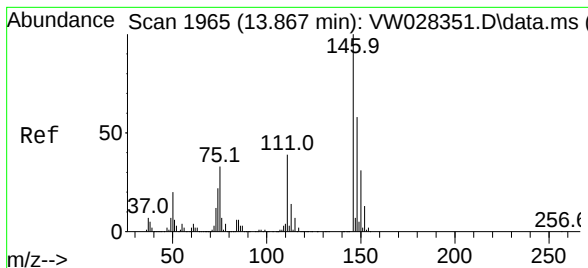
Ion Ratio Lower Upper

146 100

111 43.7 30.3 56.3

148 66.5 47.3 87.8





#67

1,2-Dichlorobenzene

Concen: 101.850 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

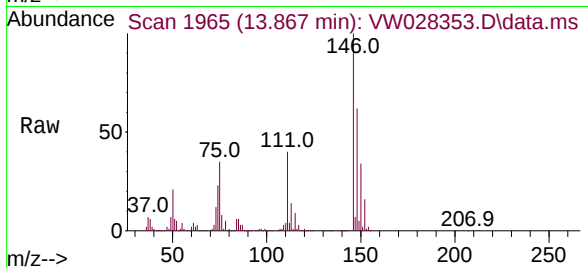
Lab File: VW028353.D

Acq: 08 Apr 2024 12:09

Instrument :

MSVOA_W

ClientSampleId :



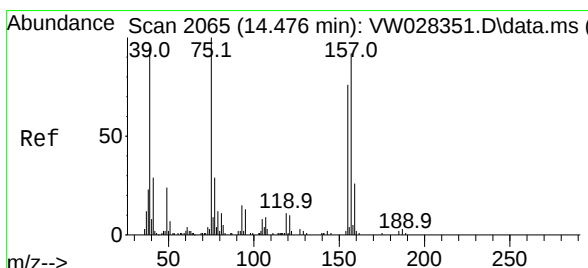
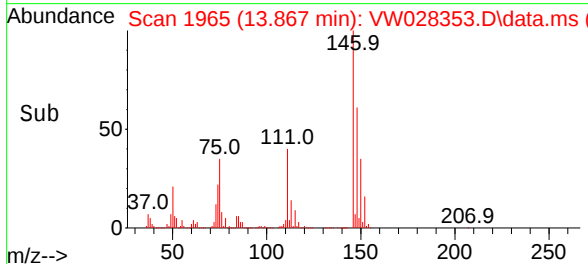
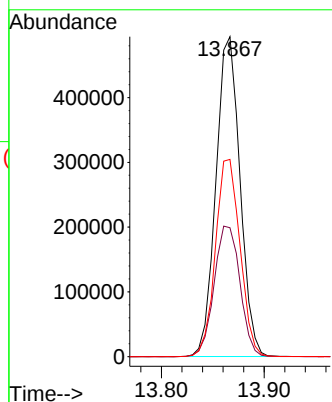
Tgt Ion:146 Resp: 803786

Ion Ratio Lower Upper

146 100

111 40.3 31.4 47.2

148 61.7 46.4 69.6



#68

1,2-Dibromo-3-chloropropane

Concen: 110.847 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW028353.D

Acq: 08 Apr 2024 12:09

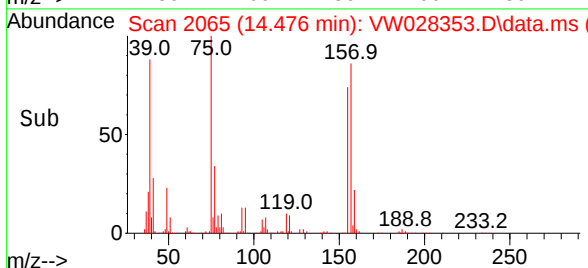
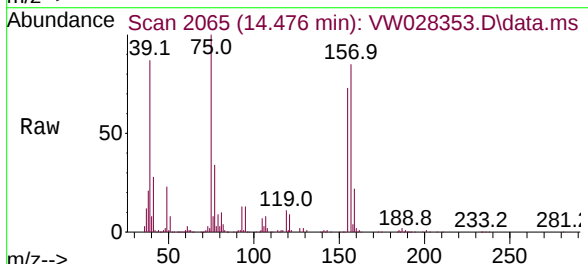
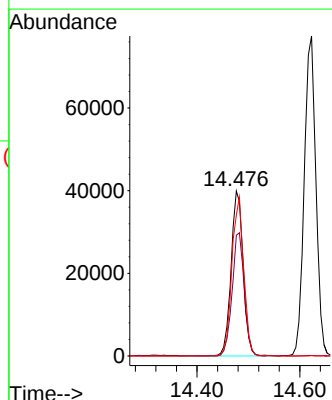
Tgt Ion: 75 Resp: 65499

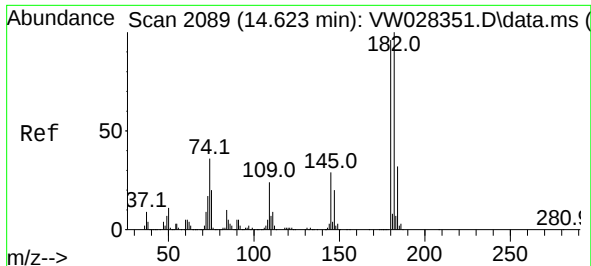
Ion Ratio Lower Upper

75 100

155 73.2 61.2 91.8

157 85.4 73.3 109.9





#69

1,3,5-Trichlorobenzene

Concen: 101.583 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

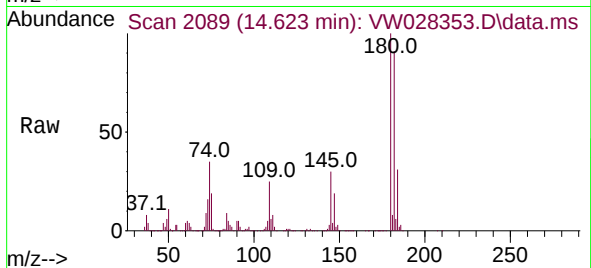
Lab File: VW028353.D

Acq: 08 Apr 2024 12:09

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 627160

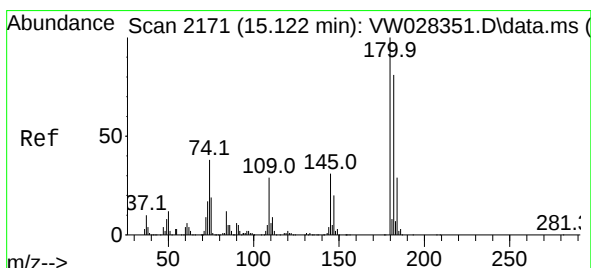
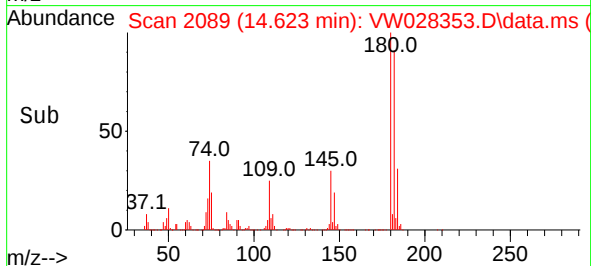
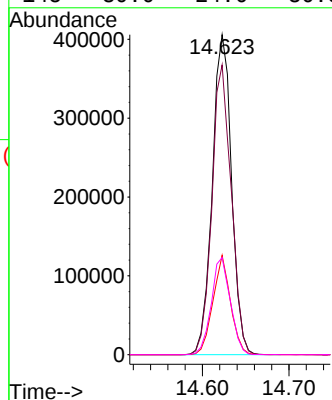
Ion Ratio Lower Upper

180 100

182 90.8 77.4 116.0

184 28.4 24.8 37.2

145 30.0 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 107.530 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW028353.D

Acq: 08 Apr 2024 12:09

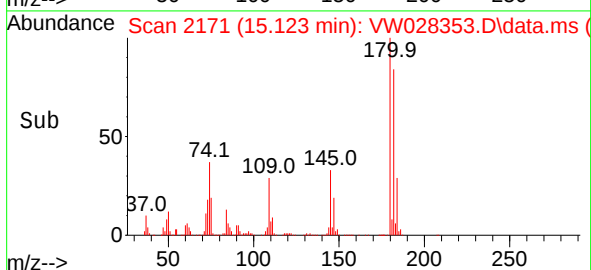
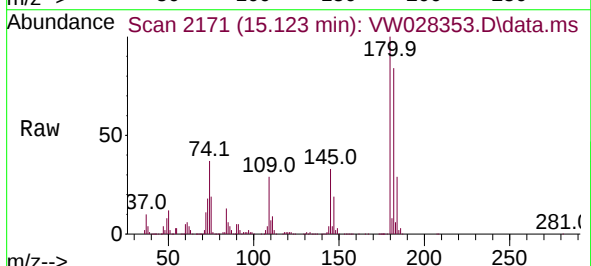
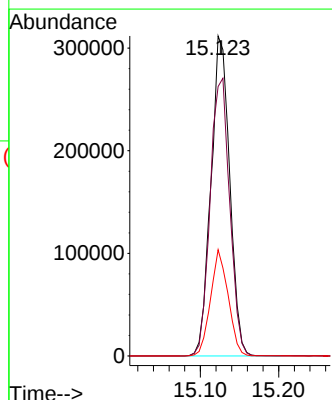
Tgt Ion:180 Resp: 518428

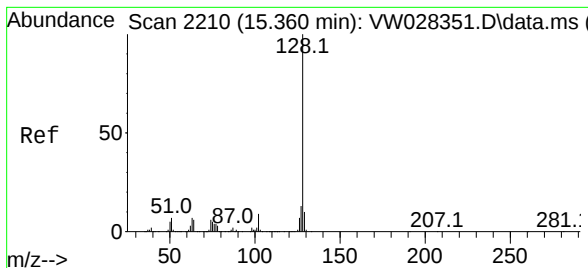
Ion Ratio Lower Upper

180 100

182 90.6 71.5 107.3

145 31.2 23.5 35.3

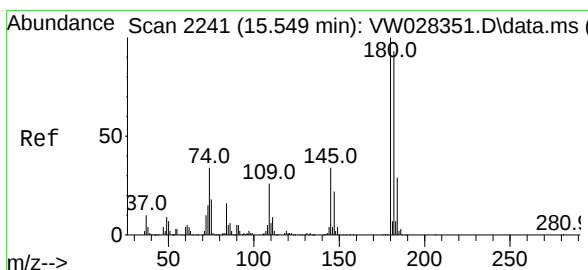
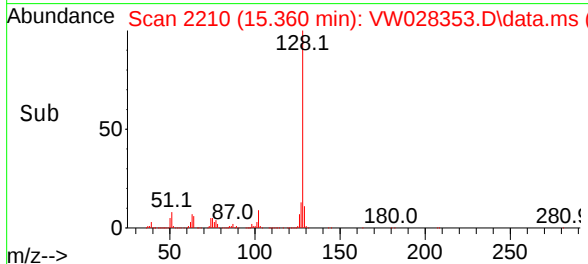
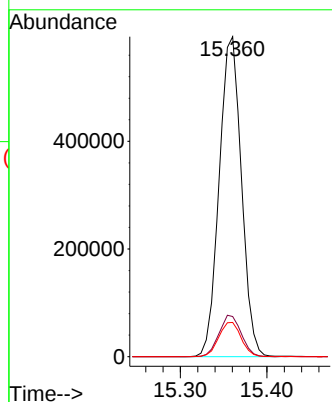
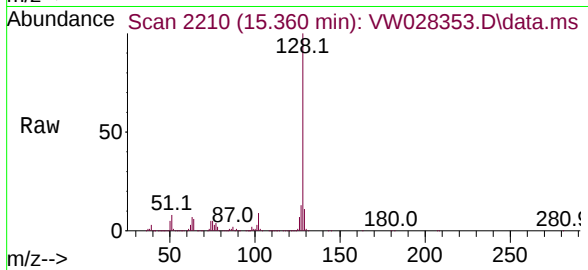




#71
Naphthalene
Concen: 124.094 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW028353.D
Acq: 08 Apr 2024 12:09

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 1058843
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.8 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 107.377 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW028353.D
Acq: 08 Apr 2024 12:09

Tgt Ion:180 Resp: 459383
Ion Ratio Lower Upper
180 100
182 91.7 75.7 113.5
145 32.6 26.2 39.4

