

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050224\
 Data File : VW028565.D
 Acq On : 02 May 2024 11:24
 Operator : SY/MD
 Sample : VSTD050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 03 02:42:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 03 02:39:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	256753	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	234043	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	118725	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	251171	51.516	ug/L	0.00
7) Chloroethane-d5	2.899	69	192057	51.446	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	106732	52.396	ug/L	0.00
21) 2-Butanone-d5	7.075	46	116521	98.054	ug/L	0.00
24) Chloroform-d	7.648	84	407832	50.835	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	226922	49.406	ug/L	0.00
32) Benzene-d6	8.276	84	813704	52.110	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.270	67	241278	51.349	ug/L	0.00
41) Toluene-d8	10.319	98	736317	53.248	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	99131	52.443	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	81517	100.587	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	188356	47.805	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	223731	49.442	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	189067	50.672	ug/L	92
3) Chloromethane	2.229	50	225320	48.746	ug/L	99
5) Vinyl chloride	2.375	62	247859	47.628	ug/L	100
6) Bromomethane	2.796	94	144664	48.377	ug/L	95
8) Chloroethane	2.936	64	145303	49.428	ug/L	99
9) Trichlorofluoromethane	3.271	101	210311	49.225	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	180743	47.144	ug/L	93
12) 1,1-Dichloroethene	4.045	96	169701	48.025	ug/L	90
13) Acetone	4.118	43	100064	89.168	ug/L	98
14) Carbon disulfide	4.393	76	583838	48.887	ug/L	98
15) Methyl Acetate	4.673	43	89667	44.678	ug/L	98
16) Methylene chloride	4.917	84	173070	43.770	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	178638	48.558	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	259857	47.865	ug/L	100
19) 1,1-Dichloroethane	6.216	63	350165	48.000	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	189119	49.120	ug/L	97
22) 2-Butanone	7.167	43	125387	92.651	ug/L	99
23) Bromochloromethane	7.514	128	77144	45.934	ug/L	94
25) Chloroform	7.679	83	335984	47.617	ug/L	96
27) 1,2-Dichloroethane	8.398	62	241387	47.062	ug/L	98
29) Cyclohexane	7.959	56	347475	52.071	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	286428	48.838	ug/L	99
31) Carbon tetrachloride	8.069	117	260099	48.641	ug/L	98
33) Benzene	8.325	78	737026	48.563	ug/L	100
34) Trichloroethene	9.093	95	196779	48.360	ug/L	95
35) Methylcyclohexane	9.337	83	367461	51.675	ug/L	99
37) 1,2-Dichloropropane	9.368	63	190532	48.806	ug/L	99
38) Bromodichloromethane	9.642	83	235906	48.936	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	295713	52.171	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	249598	92.735	ug/L	100
42) Toluene	10.386	91	775081	49.446	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	243504	50.951	ug/L	99

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

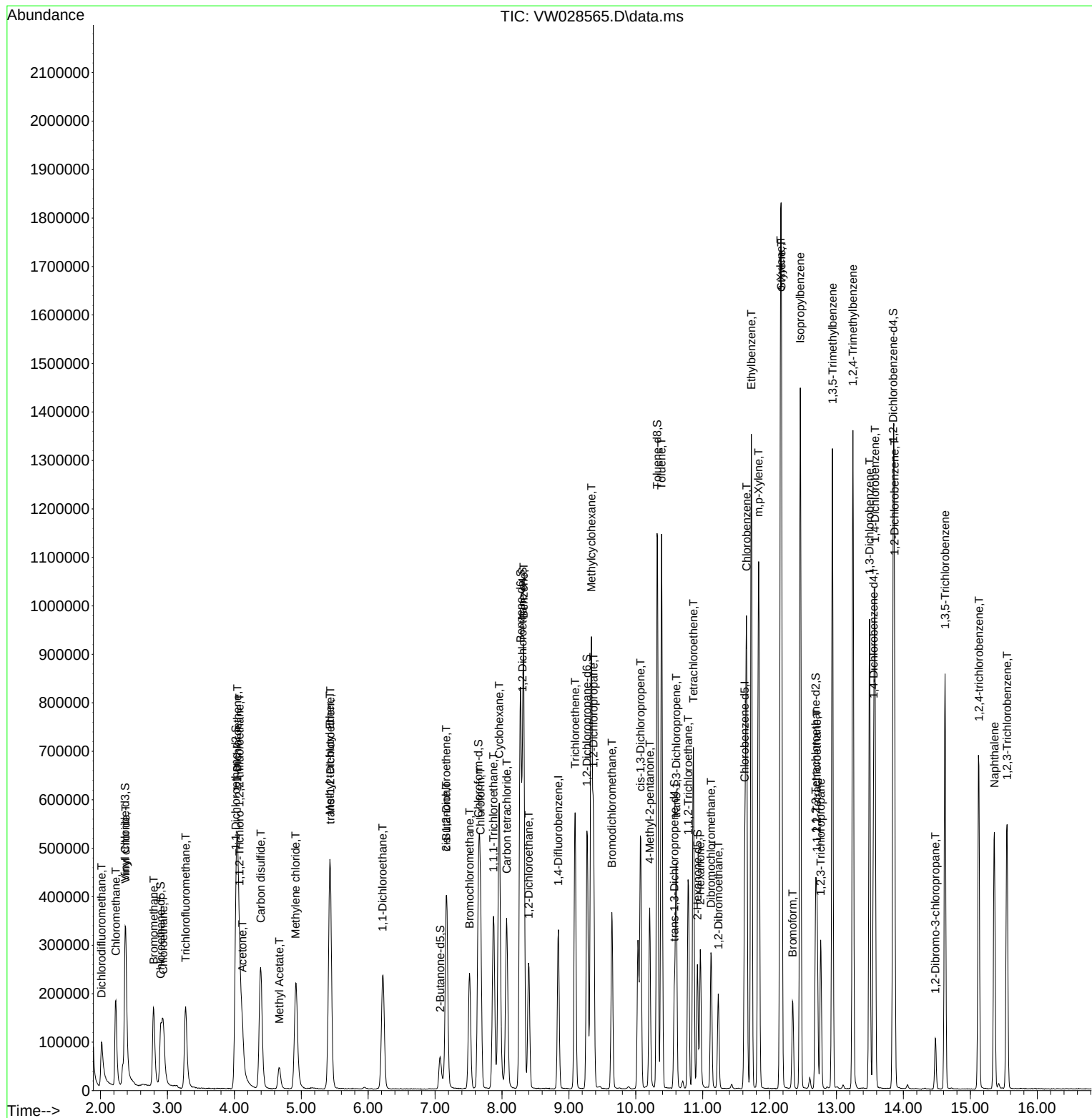
45) 1,1,2-Trichloroethane	10.782	97	132564	46.274	ug/L	98
46) Tetrachloroethene	10.861	164	146362	49.918	ug/L	96
48) 2-Hexanone	10.965	43	181456	95.493	ug/L	99
49) Dibromochloromethane	11.123	129	140630	48.941	ug/L	99
50) 1,2-Dibromoethane	11.233	107	124778	46.497	ug/L #	96
51) Chlorobenzene	11.654	112	466452	48.107	ug/L	97
52) Ethylbenzene	11.727	91	899011	50.679	ug/L	96
53) m,p-Xylene	11.837	106	322714	49.629	ug/L	97
54) o-Xylene	12.166	106	315078	52.377	ug/L	100
55) Styrene	12.178	104	534355	52.423	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	164387	45.736	ug/L	97
59) Bromoform	12.343	173	77498	44.742	ug/L	99
60) Isopropylbenzene	12.458	105	894347	49.652	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	122166	42.578	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	656970	51.551	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	698118	50.841	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	357508	47.711	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	357783	46.703	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	311691	46.473	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	26727	39.840	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	244185	48.563	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	204053	50.225	ug/L	95
71) Naphthalene	15.360	128	431174	49.812	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	173089	47.214	ug/L	97

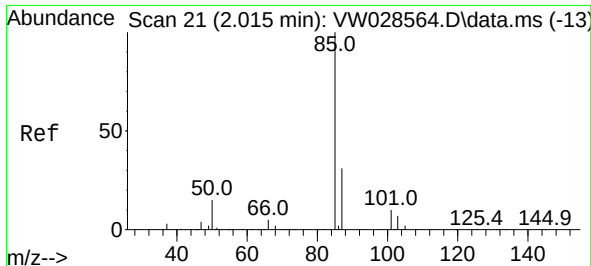
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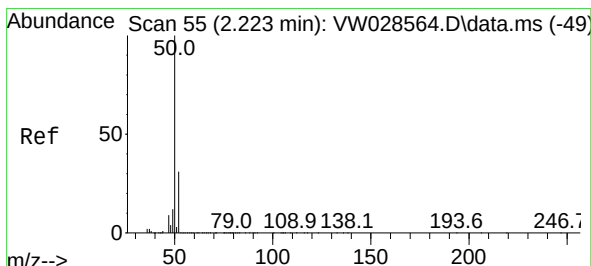
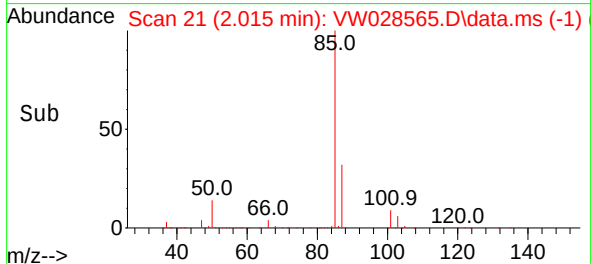
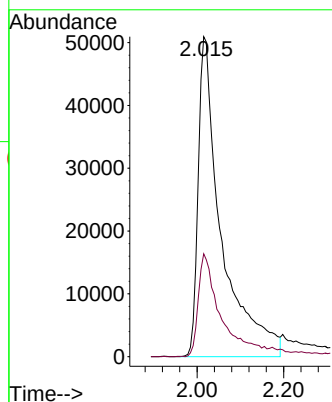
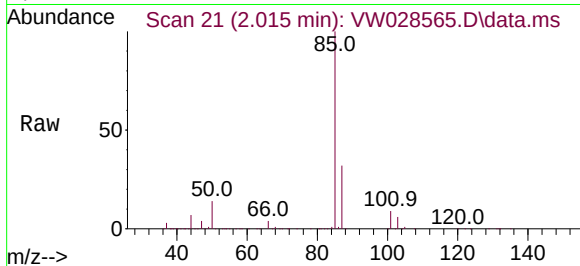




#2
 Dichlorodifluoromethane
 Concen: 50.672 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028565.D
 Acq: 02 May 2024 11:24

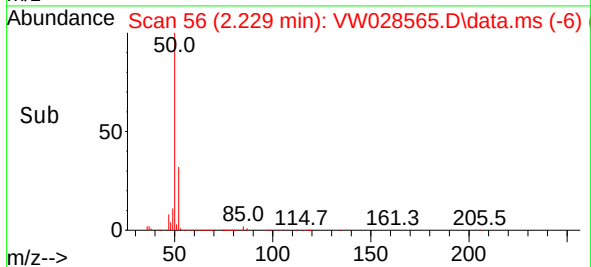
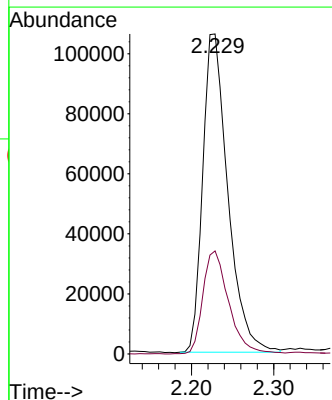
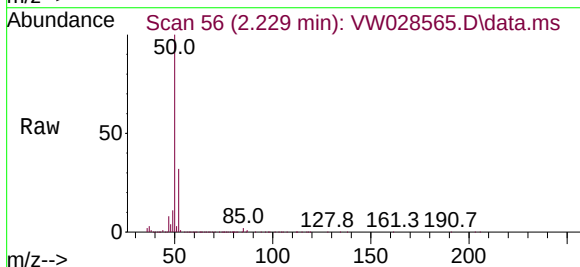
Instrument :
 MSVOA_W
 ClientSampleId :

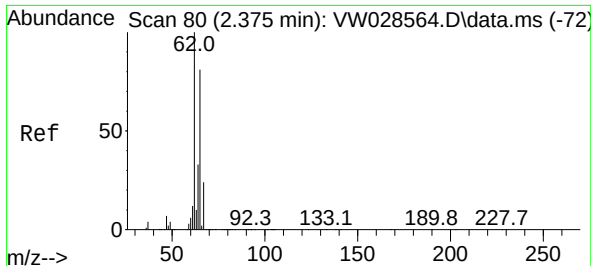
Tgt Ion: 85 Resp: 189067
 Ion Ratio Lower Upper
 85 100
 87 31.4 21.9 32.9



#3
 Chloromethane
 Concen: 48.746 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW028565.D
 Acq: 02 May 2024 11:24

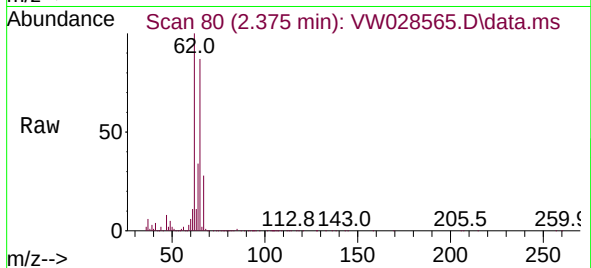
Tgt Ion: 50 Resp: 225320
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.0 41.0



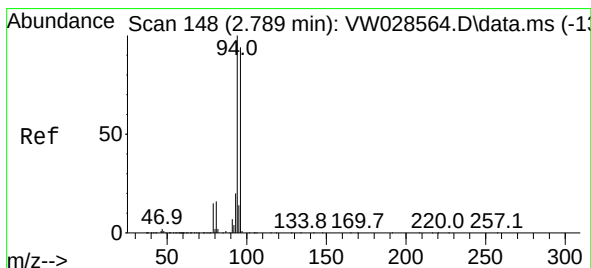
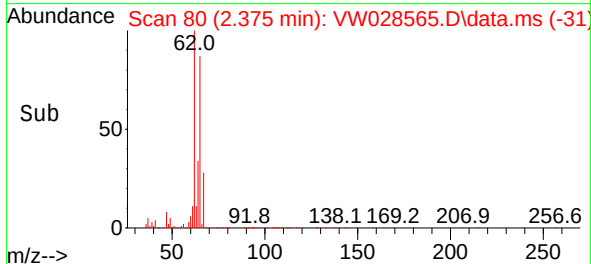
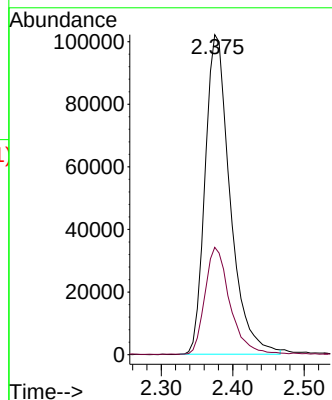


#5
 Vinyl chloride
 Concen: 47.628 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028565.D
 Acq: 02 May 2024 11:24

Instrument :
 MSVOA_W
 ClientSampleId :

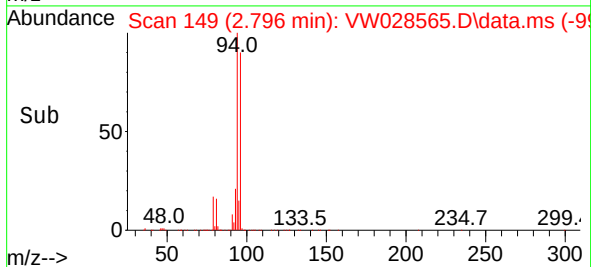
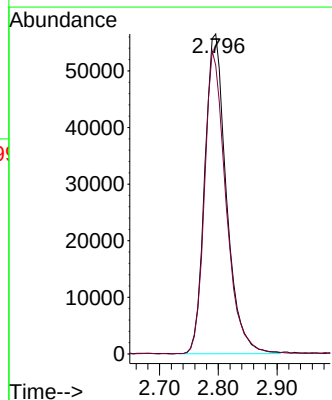
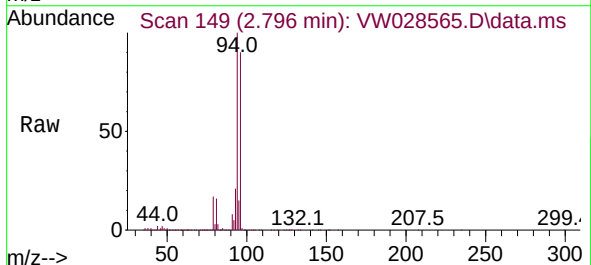


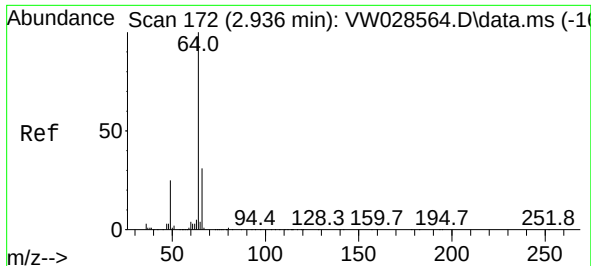
Tgt Ion: 62 Resp: 247859
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.3 43.3



#6
 Bromomethane
 Concen: 48.377 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW028565.D
 Acq: 02 May 2024 11:24

Tgt Ion: 94 Resp: 144664
 Ion Ratio Lower Upper
 94 100
 96 90.2 66.3 123.1

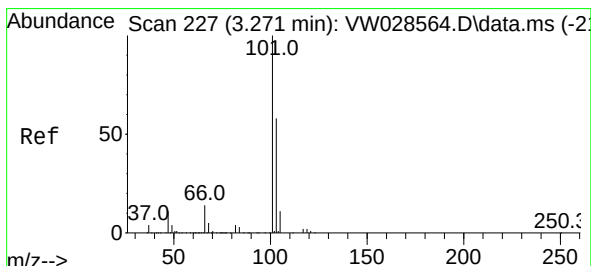
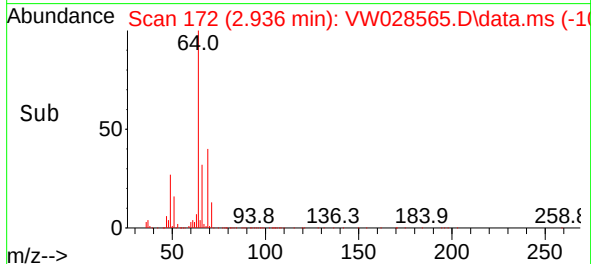
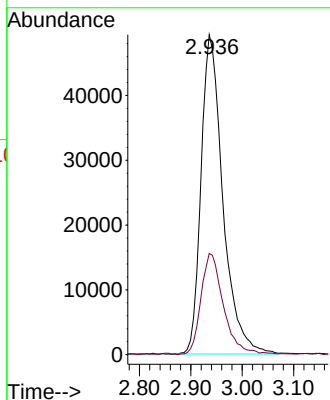
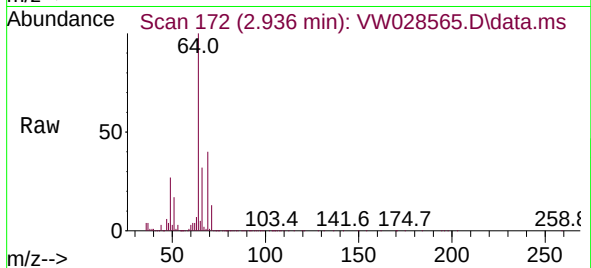




#8
Chloroethane
Concen: 49.428 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW028565.D
Acq: 02 May 2024 11:24

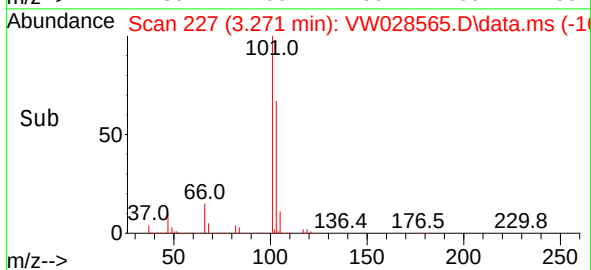
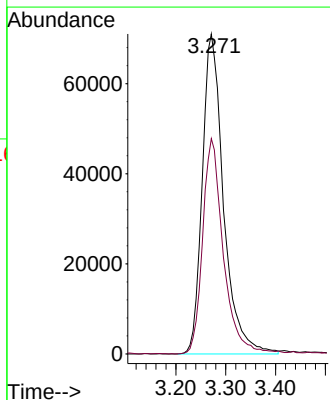
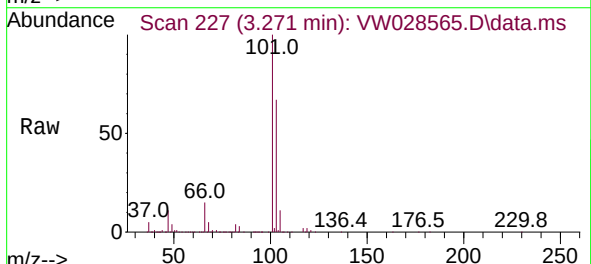
Instrument :
MSVOA_W
ClientSampleId :

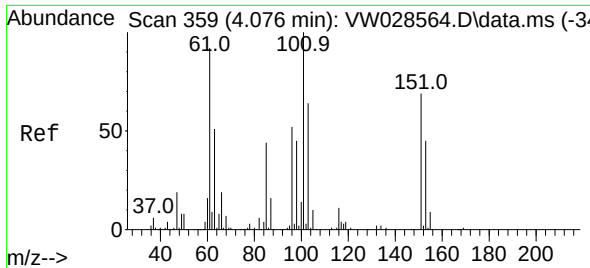
Tgt Ion: 64 Resp: 145303
Ion Ratio Lower Upper
64 100
66 31.7 21.7 40.3



#9
Trichlorofluoromethane
Concen: 49.225 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028565.D
Acq: 02 May 2024 11:24

Tgt Ion: 101 Resp: 210311
Ion Ratio Lower Upper
101 100
103 65.3 50.4 75.6





#10

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

Concen: 47.144 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW028565.D

Acq: 02 May 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :

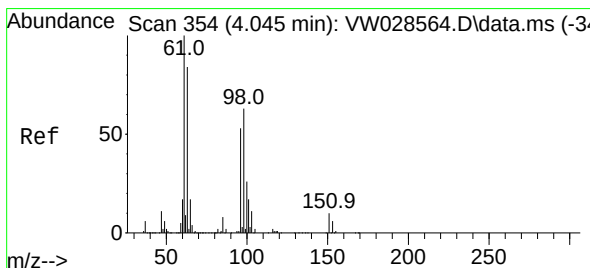
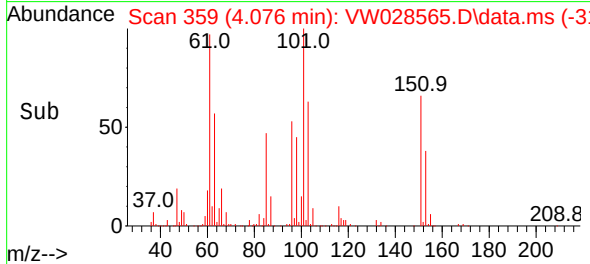
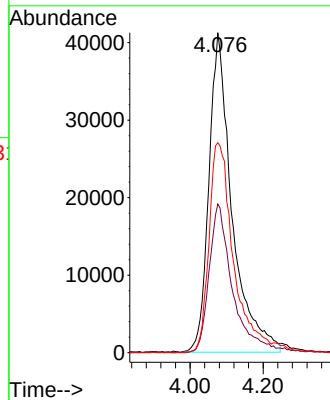
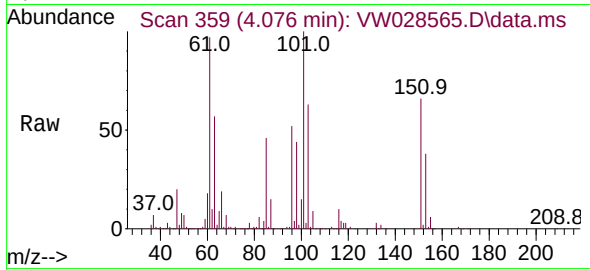
Tgt Ion:101 Resp: 180743

Ion Ratio Lower Upper

101 100

85 46.5 35.8 53.8

151 69.2 49.6 74.4



#12

1,1-Dichloroethene

Concen: 48.025 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW028565.D

Acq: 02 May 2024 11:24

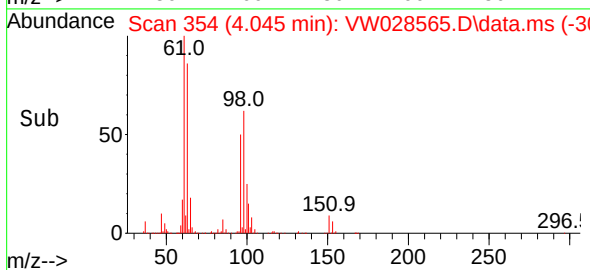
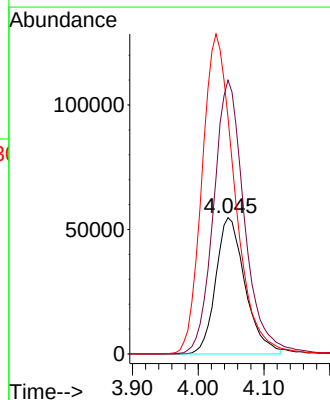
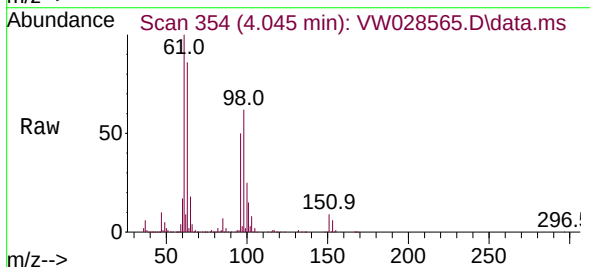
Tgt Ion: 96 Resp: 169701

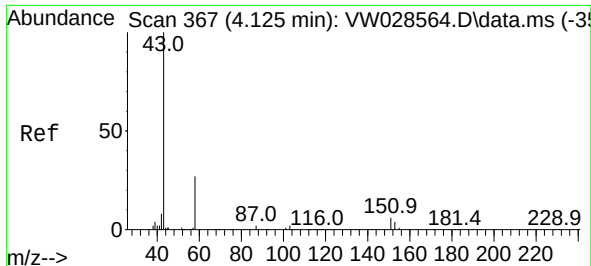
Ion Ratio Lower Upper

96 100

61 200.7 131.6 244.4

63 173.0 111.4 206.8

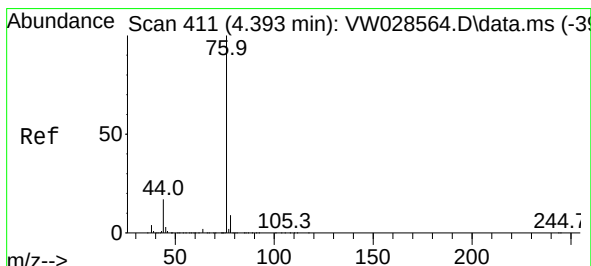
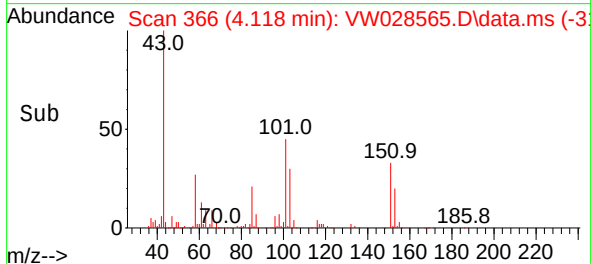
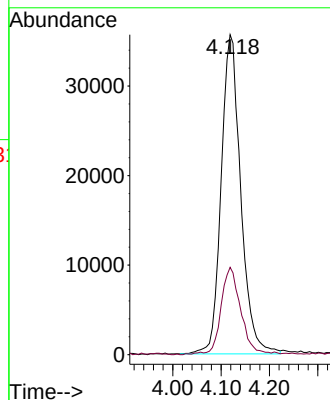
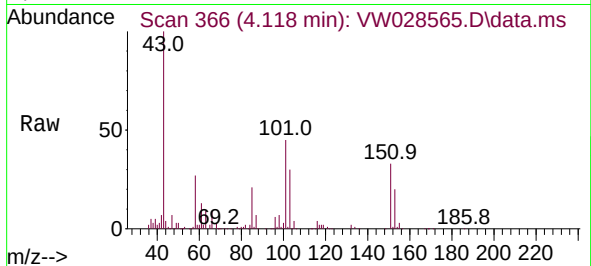




#13
Acetone
Concen: 89.168 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW028565.D
Acq: 02 May 2024 11:24

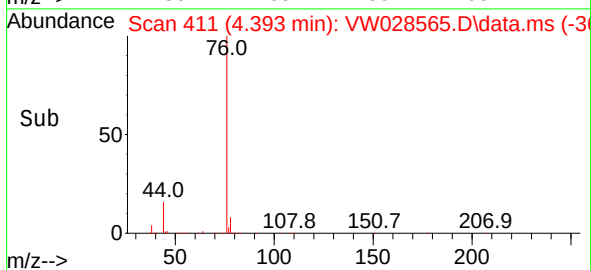
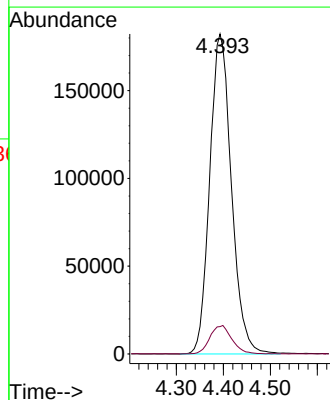
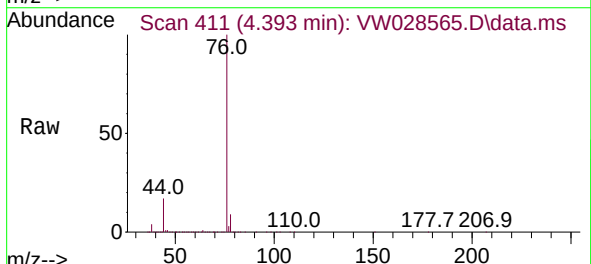
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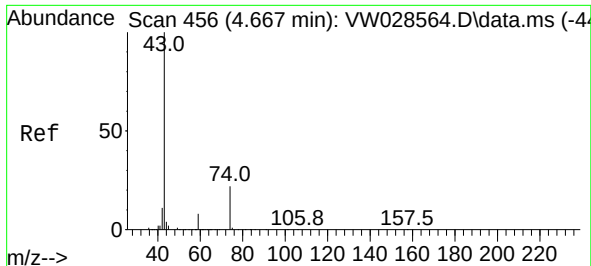
Tgt Ion: 43 Resp: 100064
Ion Ratio Lower Upper
43 100
58 26.3 0.0 54.4



#14
Carbon disulfide
Concen: 48.887 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW028565.D
Acq: 02 May 2024 11:24

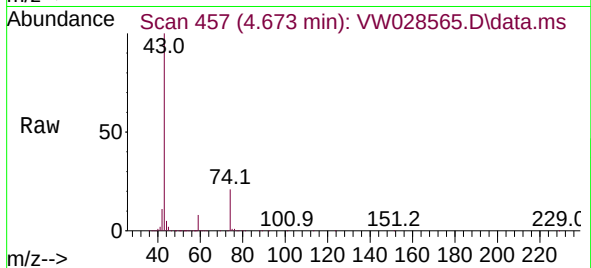
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Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



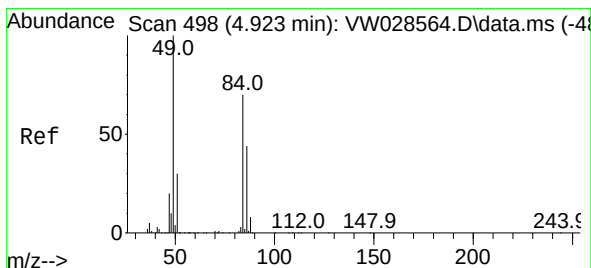
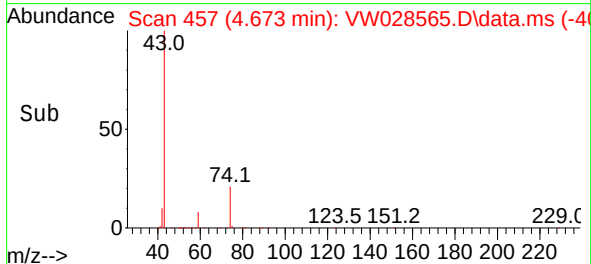
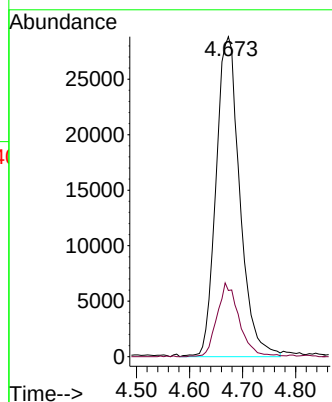


#15
Methyl Acetate
Concen: 44.678 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW028565.D
Acq: 02 May 2024 11:24

Instrument :
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ClientSampleId :

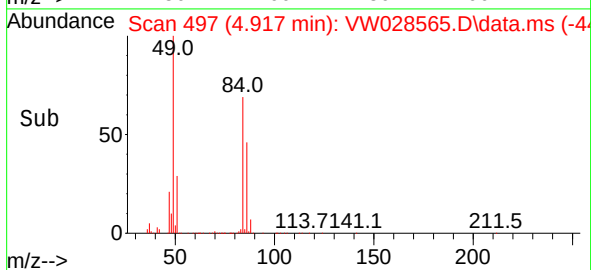
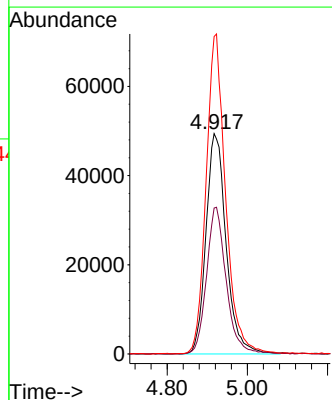
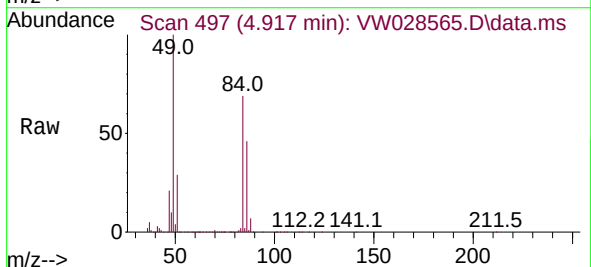


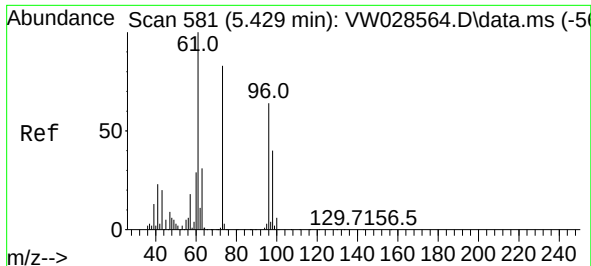
Tgt Ion: 43 Resp: 89667
Ion Ratio Lower Upper
43 100
74 21.0 17.6 26.4



#16
Methylene chloride
Concen: 43.770 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW028565.D
Acq: 02 May 2024 11:24

Tgt Ion: 84 Resp: 173070
Ion Ratio Lower Upper
84 100
86 66.2 44.4 82.4
49 144.1 100.2 186.2





#17

trans-1,2-Dichloroethene

Concen: 48.558 ug/L

RT: 5.435 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW028565.D

Acq: 02 May 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :

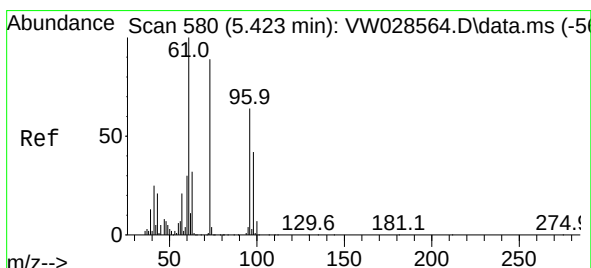
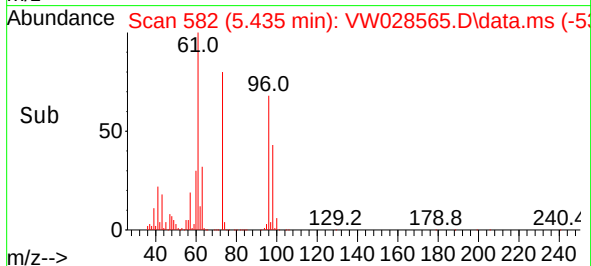
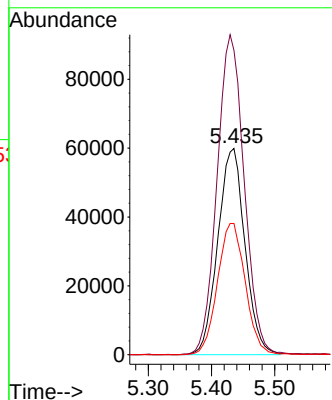
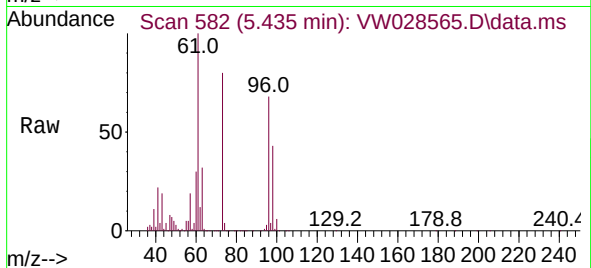
Tgt Ion: 96 Resp: 178638

Ion Ratio Lower Upper

96 100

61 147.5 109.0 202.4

98 63.6 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 47.865 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW028565.D

Acq: 02 May 2024 11:24

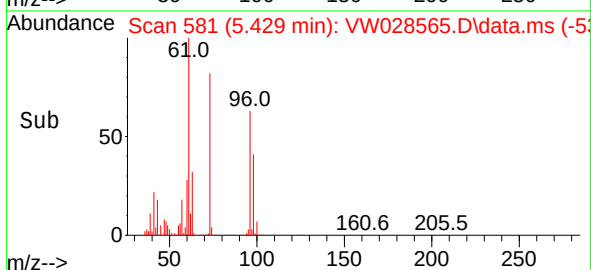
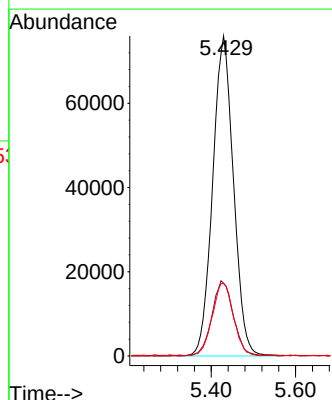
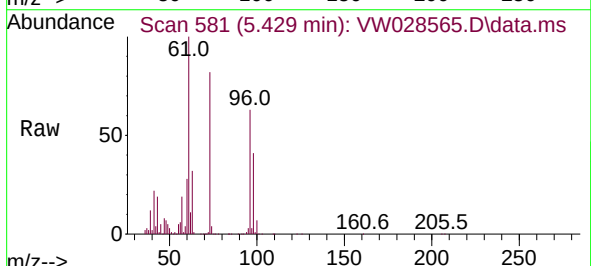
Tgt Ion: 73 Resp: 259857

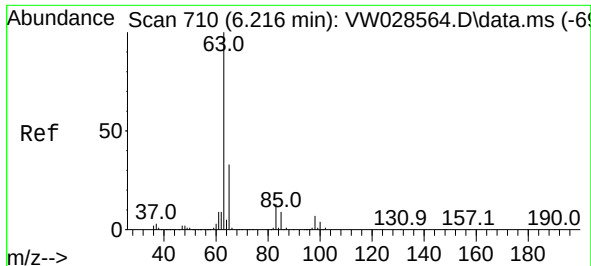
Ion Ratio Lower Upper

73 100

43 23.8 19.2 28.8

57 23.1 18.5 27.7





#19

1,1-Dichloroethane

Concen: 48.000 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

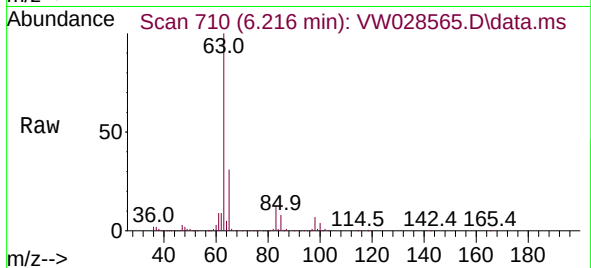
Lab File: VW028565.D

Acq: 02 May 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :



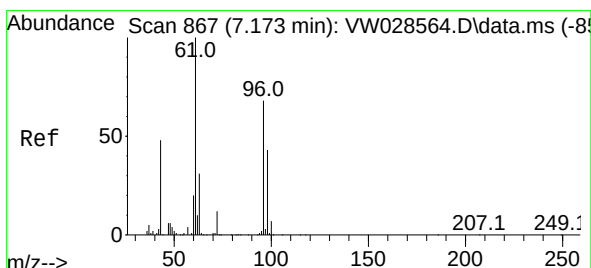
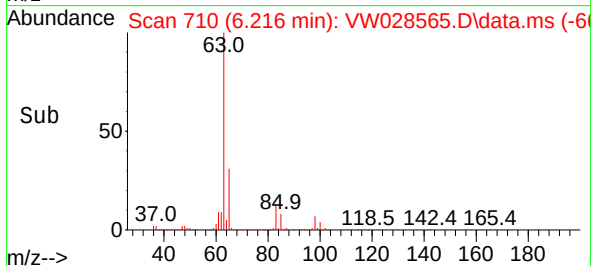
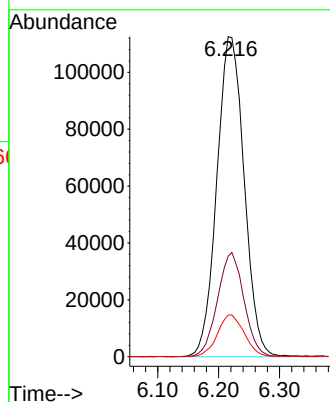
Tgt Ion: 63 Resp: 350165

Ion Ratio Lower Upper

63 100

65 31.4 22.9 42.5

83 13.0 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 49.120 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW028565.D

Acq: 02 May 2024 11:24

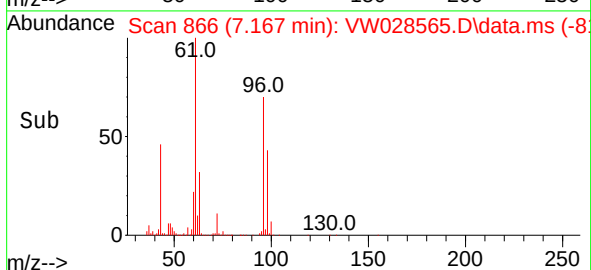
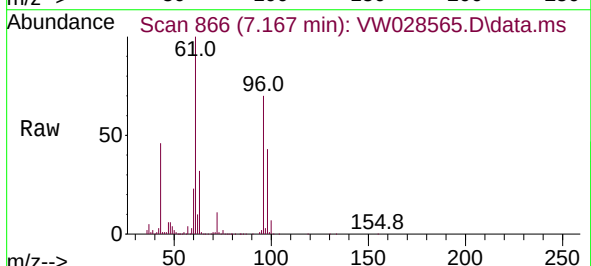
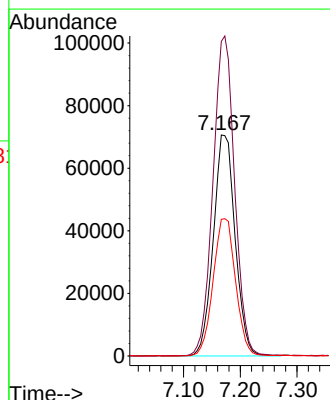
Tgt Ion: 96 Resp: 189119

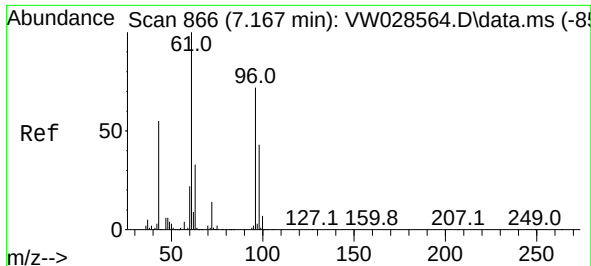
Ion Ratio Lower Upper

96 100

61 142.3 102.8 191.0

98 61.9 44.3 82.3

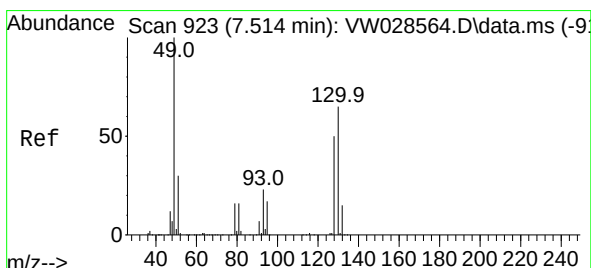
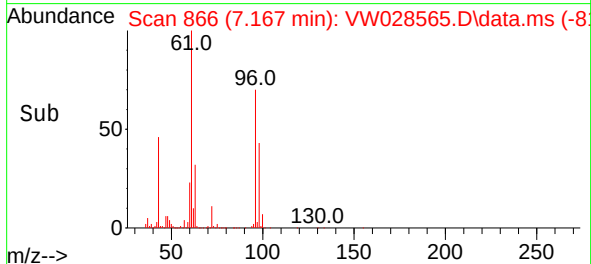
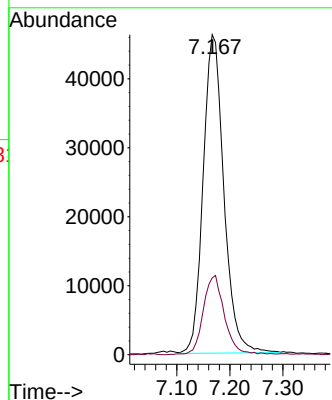
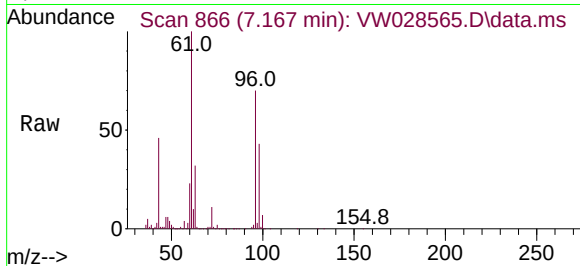




#22
2-Butanone
Concen: 92.651 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW028565.D
Acq: 02 May 2024 11:24

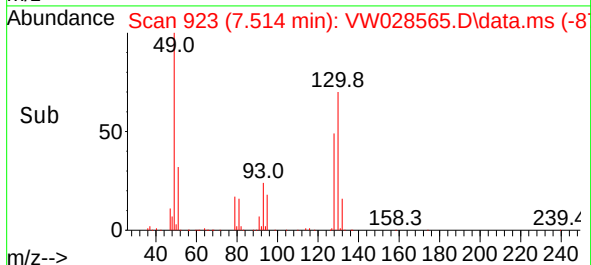
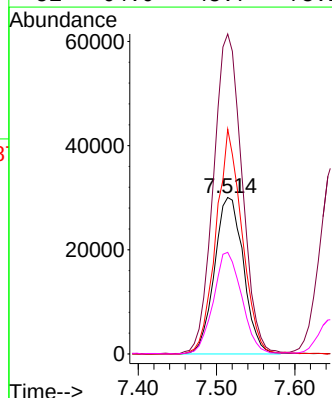
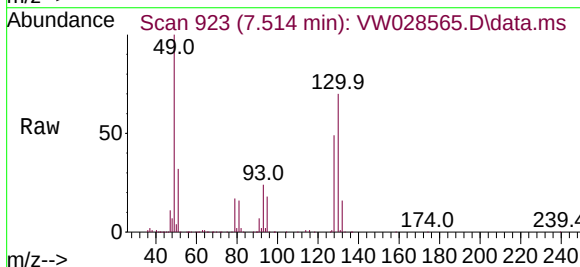
Instrument :
MSVOA_W
ClientSampleId :

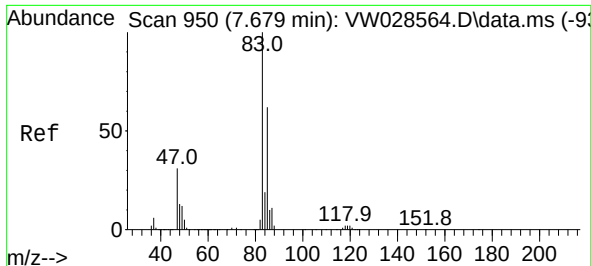
Tgt Ion: 43 Resp: 125387
Ion Ratio Lower Upper
43 100
72 25.0 12.2 36.6



#23
Bromochloromethane
Concen: 45.934 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW028565.D
Acq: 02 May 2024 11:24

Tgt Ion:128 Resp: 77144
Ion Ratio Lower Upper
128 100
49 204.4 139.6 259.2
130 143.6 91.2 169.4
51 64.9 48.7 73.1





#25

Chloroform

Concen: 47.617 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW028565.D

Acq: 02 May 2024 11:24

Instrument :

MSVOA_W

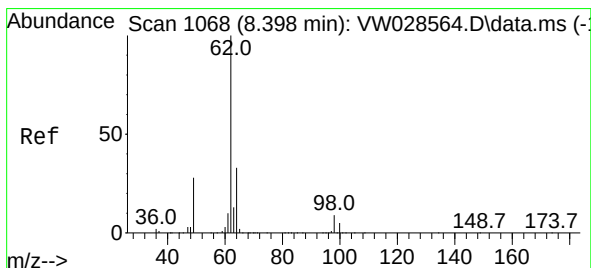
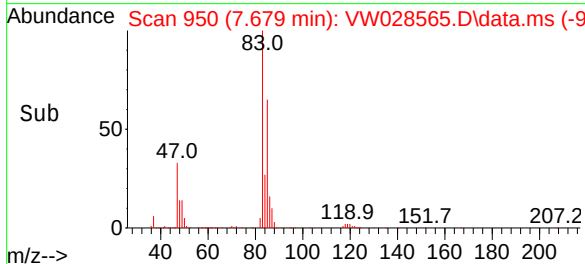
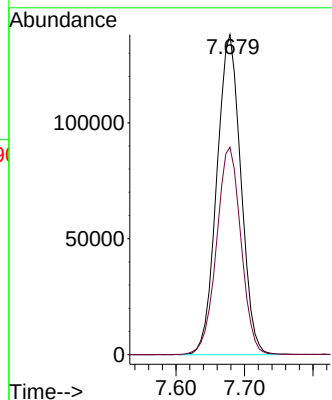
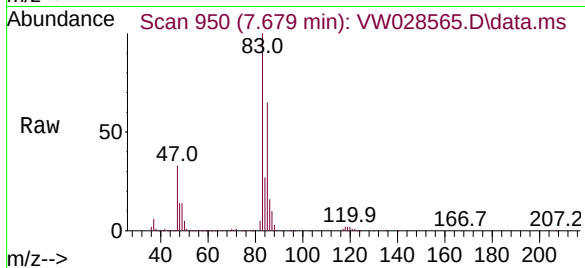
ClientSampleId :

Tgt Ion: 83 Resp: 335984

Ion Ratio Lower Upper

83 100

85 64.8 43.4 80.6



#27

1,2-Dichloroethane

Concen: 47.062 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028565.D

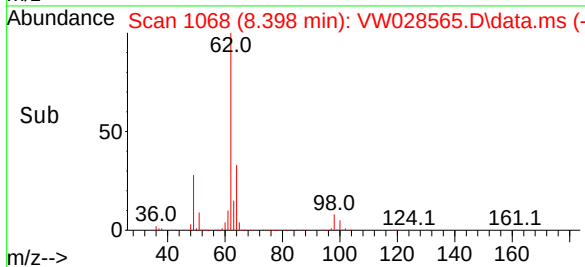
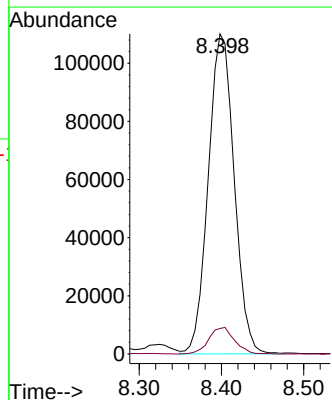
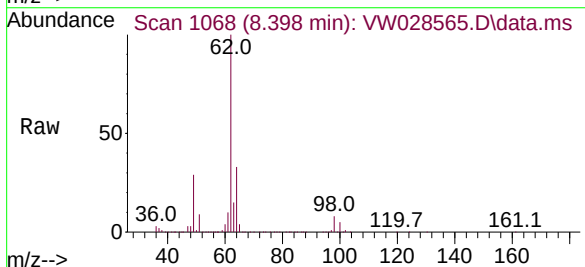
Acq: 02 May 2024 11:24

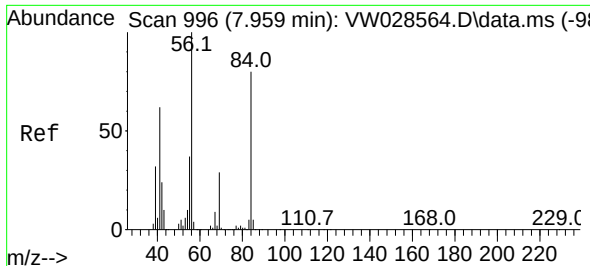
Tgt Ion: 62 Resp: 241387

Ion Ratio Lower Upper

62 100

98 7.9 7.0 10.6





#29

Cyclohexane

Concen: 52.071 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

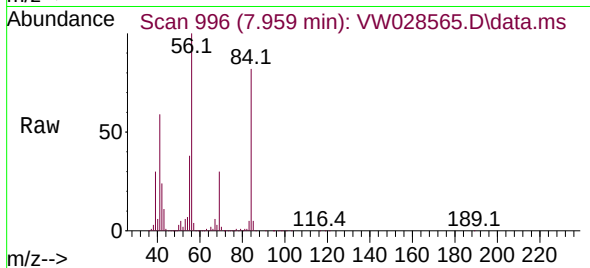
Lab File: VW028565.D

Acq: 02 May 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :



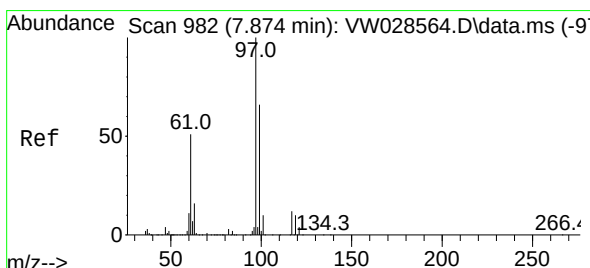
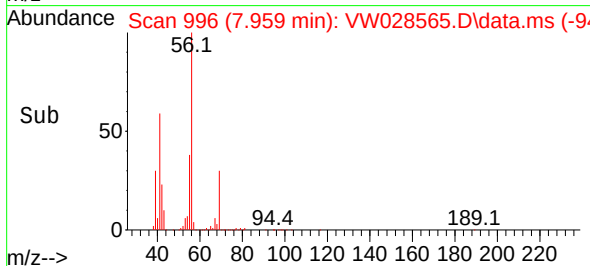
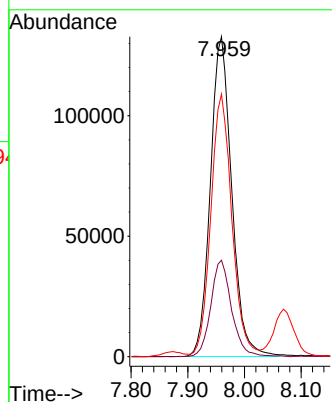
Tgt Ion: 56 Resp: 347475

Ion Ratio Lower Upper

56 100

69 29.2 23.4 35.0

84 80.7 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 48.838 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028565.D

Acq: 02 May 2024 11:24

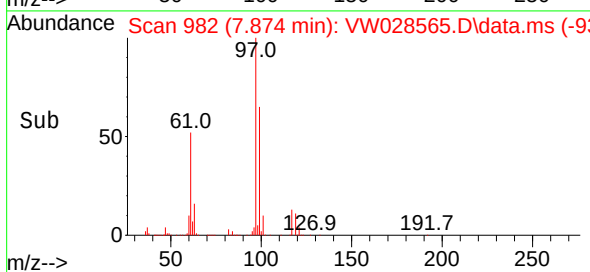
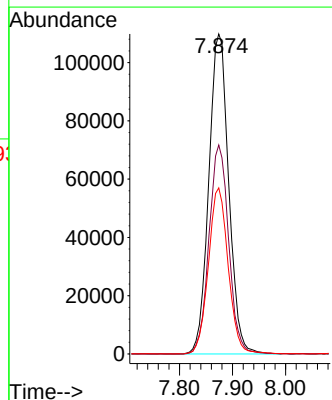
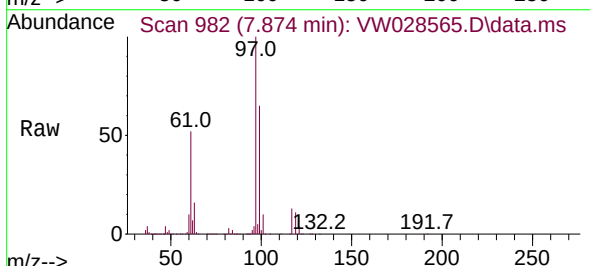
Tgt Ion: 97 Resp: 286428

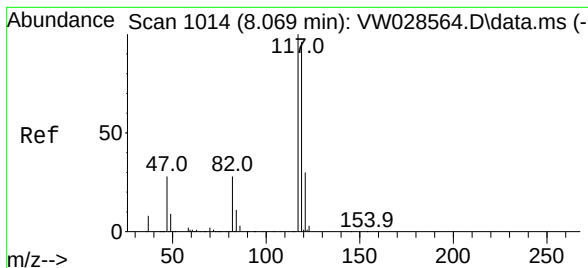
Ion Ratio Lower Upper

97 100

99 64.6 50.9 76.3

61 51.8 41.0 61.6





#31

Carbon tetrachloride

Concen: 48.641 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW028565.D

Acq: 02 May 2024 11:24

Instrument :

MSVOA_W

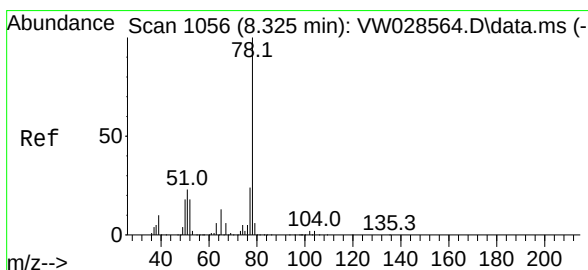
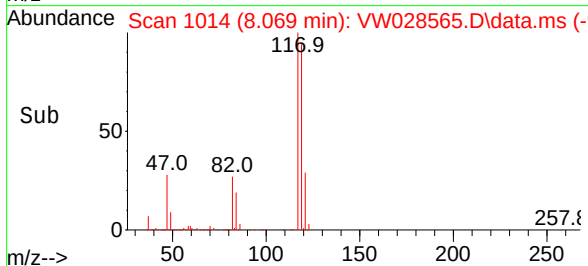
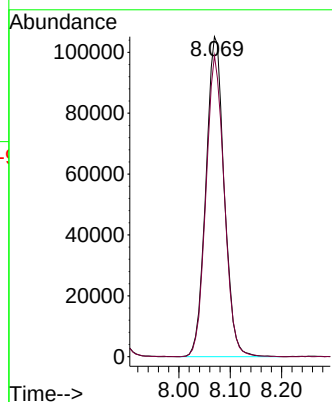
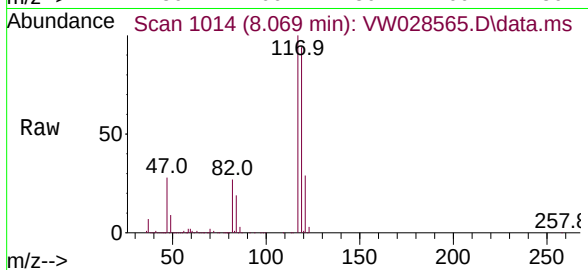
ClientSampleId :

Tgt Ion:117 Resp: 260099

Ion Ratio Lower Upper

117 100

119 94.1 77.2 115.8



#33

Benzene

Concen: 48.563 ug/L

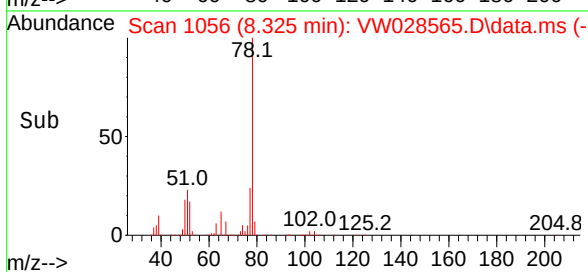
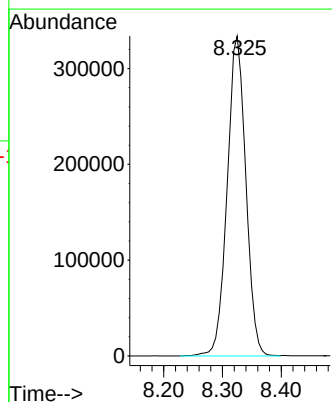
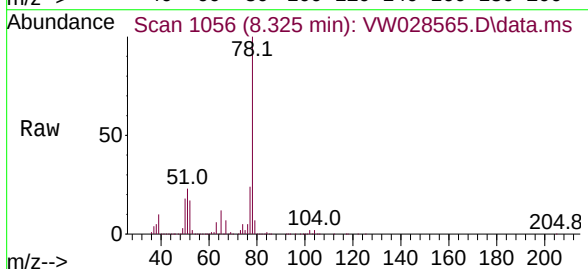
RT: 8.325 min Scan# 1056

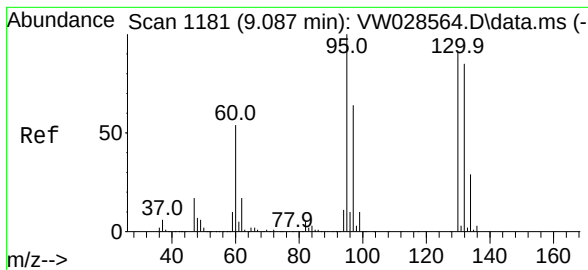
Delta R.T. -0.000 min

Lab File: VW028565.D

Acq: 02 May 2024 11:24

Tgt Ion: 78 Resp: 737026





#34

Trichloroethene

Concen: 48.360 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW028565.D

Acq: 02 May 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 196779

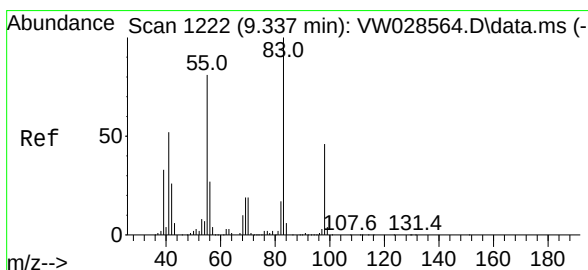
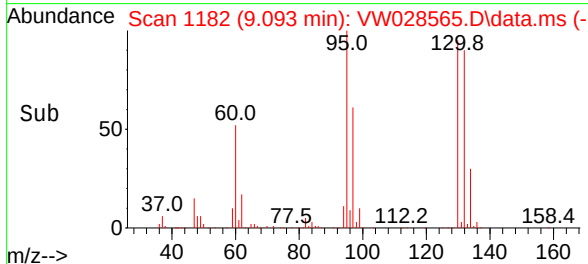
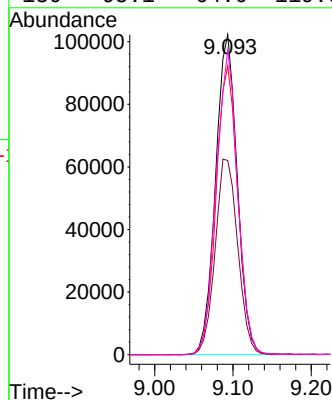
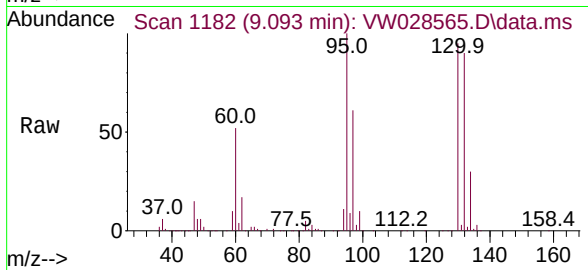
Ion Ratio Lower Upper

95 100

97 60.7 44.9 83.3

132 90.2 59.7 110.9

130 95.1 64.0 119.0



#35

Methylcyclohexane

Concen: 51.675 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028565.D

Acq: 02 May 2024 11:24

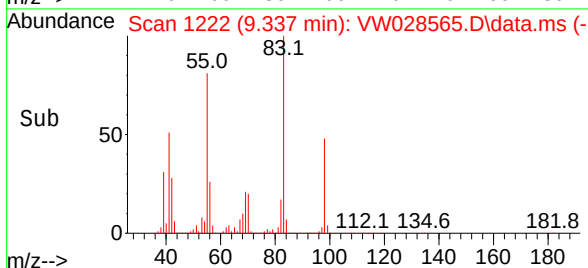
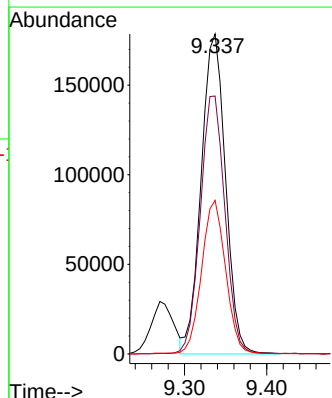
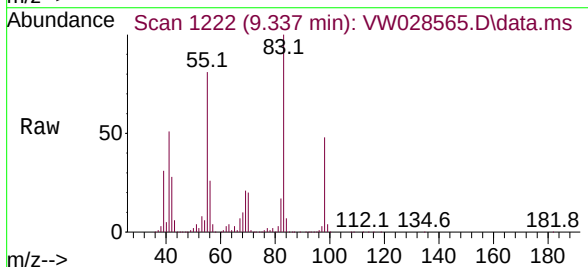
Tgt Ion: 83 Resp: 367461

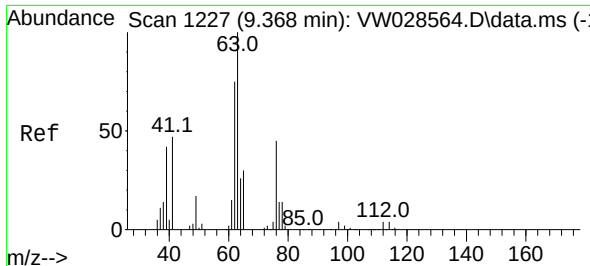
Ion Ratio Lower Upper

83 100

55 81.6 66.9 100.3

98 47.4 37.9 56.9





#37

1,2-Dichloropropane

Concen: 48.806 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028565.D

Acq: 02 May 2024 11:24

Instrument :

MSVOA_W

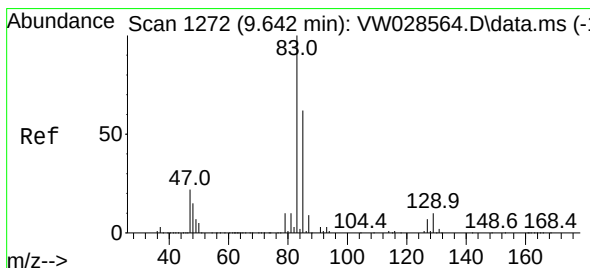
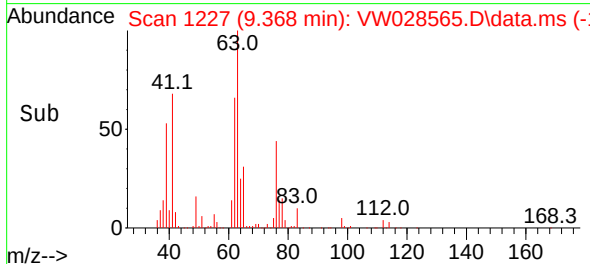
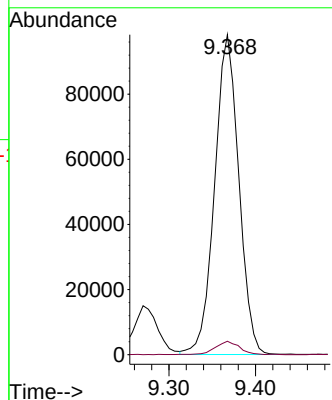
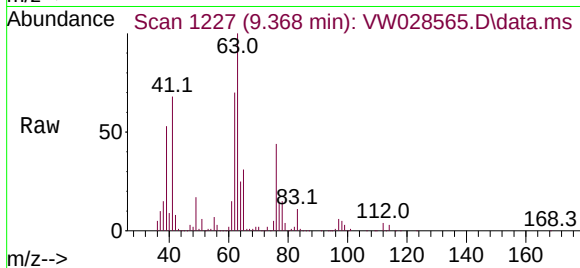
ClientSampleId :

Tgt Ion: 63 Resp: 190532

Ion Ratio Lower Upper

63 100

112 4.2 3.5 5.3



#38

Bromodichloromethane

Concen: 48.936 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028565.D

Acq: 02 May 2024 11:24

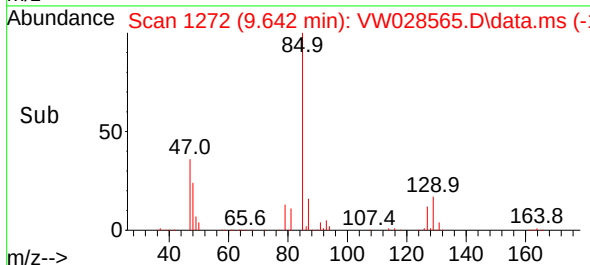
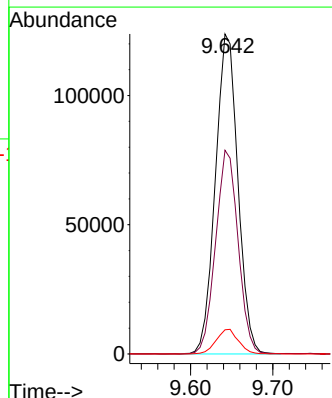
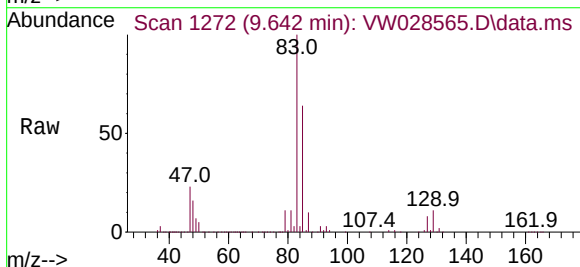
Tgt Ion: 83 Resp: 235906

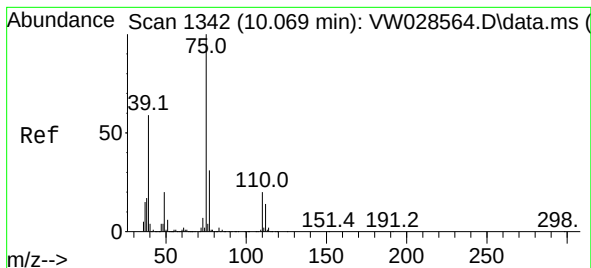
Ion Ratio Lower Upper

83 100

85 63.6 43.0 80.0

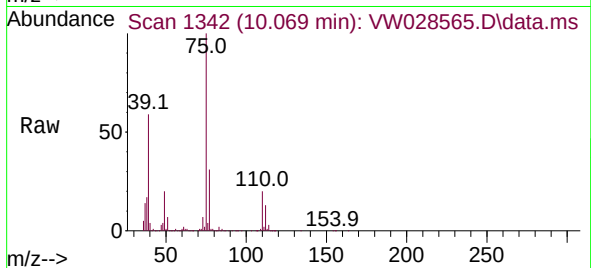
127 7.6 5.9 8.9



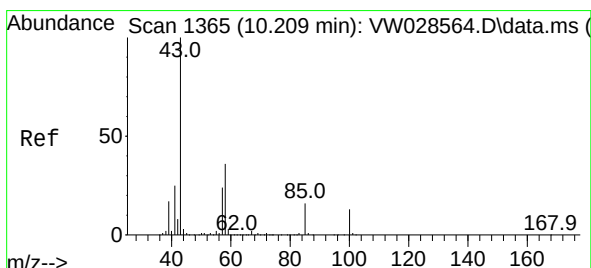
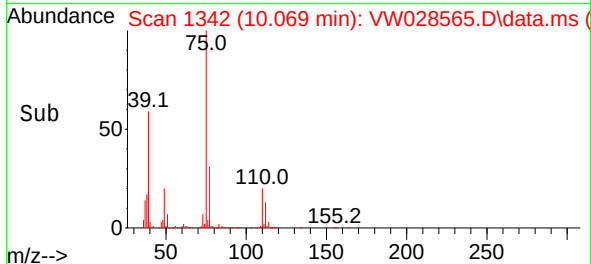
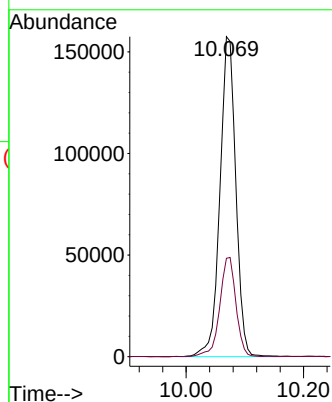


#39
cis-1,3-Dichloropropene
Concen: 52.171 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW028565.D
Acq: 02 May 2024 11:24

Instrument :
MSVOA_W
ClientSampleId :

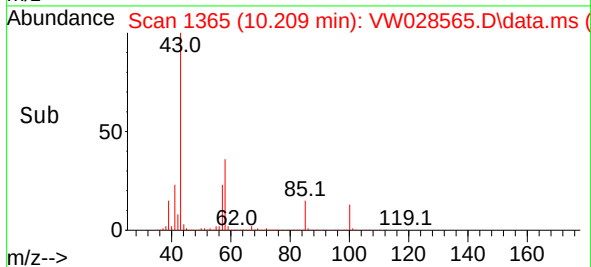
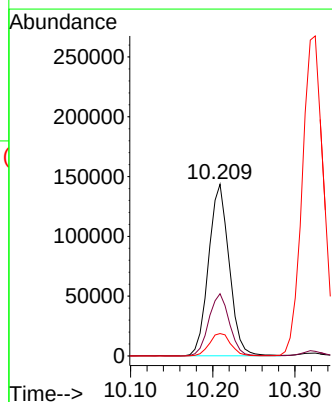
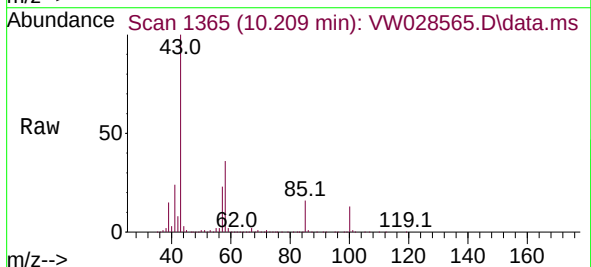


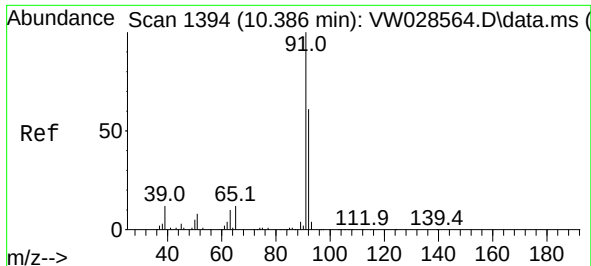
Tgt Ion: 75 Resp: 295713
Ion Ratio Lower Upper
75 100
77 30.7 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 92.735 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW028565.D
Acq: 02 May 2024 11:24

Tgt Ion: 43 Resp: 249598
Ion Ratio Lower Upper
43 100
58 36.5 29.2 43.8
100 13.8 11.0 16.4





#42

Toluene

Concen: 49.446 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028565.D

Acq: 02 May 2024 11:24

Instrument :

MSVOA_W

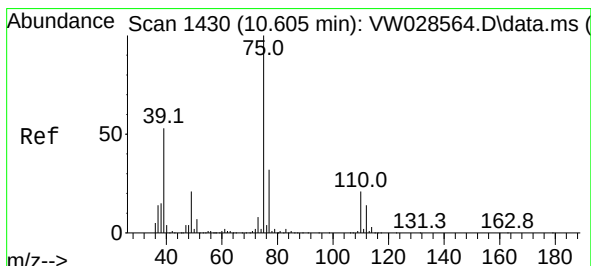
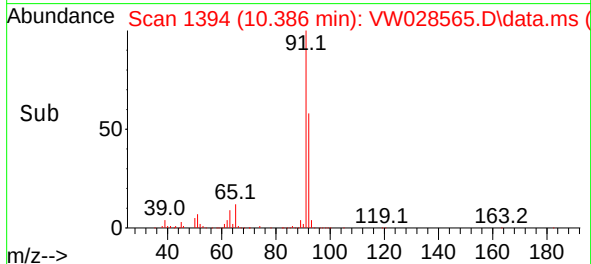
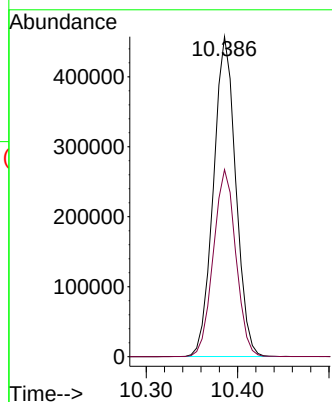
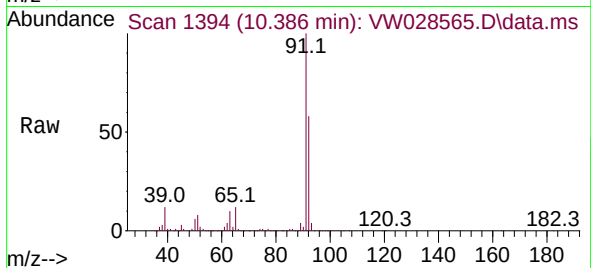
ClientSampleId :

Tgt Ion: 91 Resp: 775081

Ion Ratio Lower Upper

91 100

92 58.4 42.5 78.9



#44

trans-1,3-Dichloropropene

Concen: 50.951 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028565.D

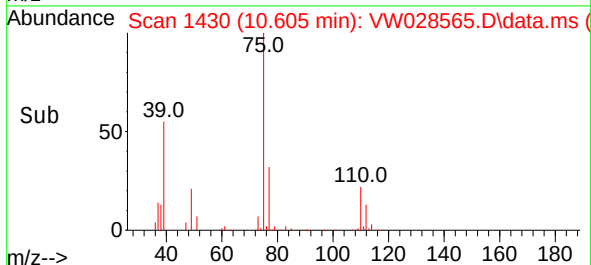
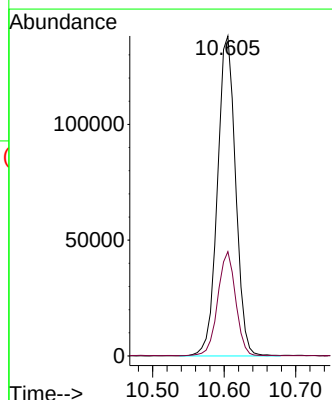
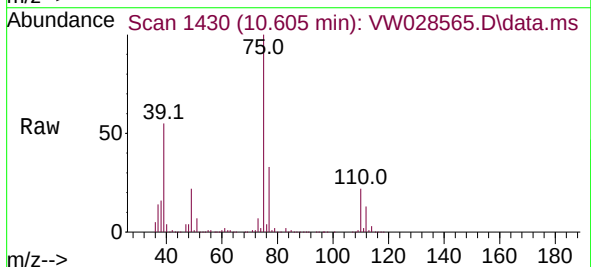
Acq: 02 May 2024 11:24

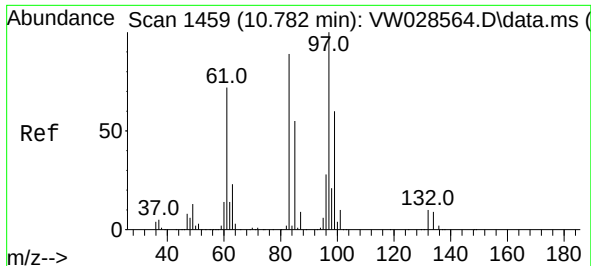
Tgt Ion: 75 Resp: 243504

Ion Ratio Lower Upper

75 100

77 32.6 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 46.274 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW028565.D

Acq: 02 May 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 132564

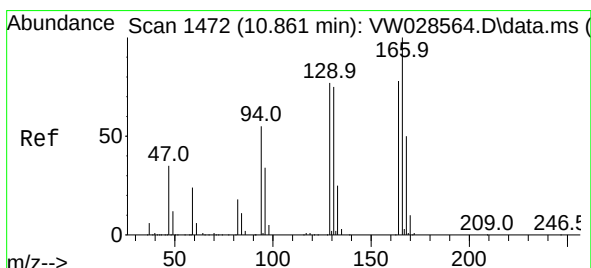
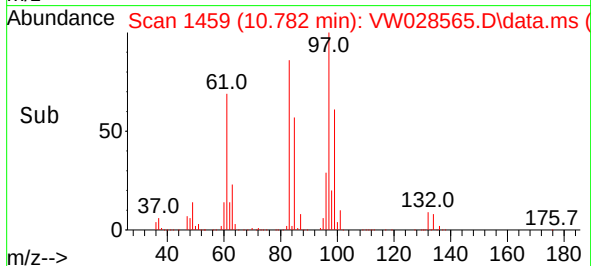
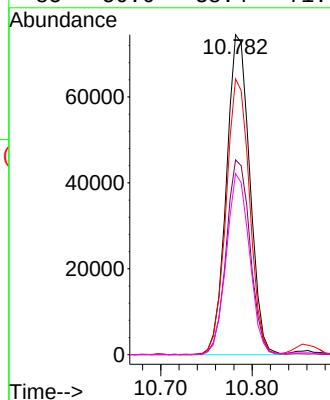
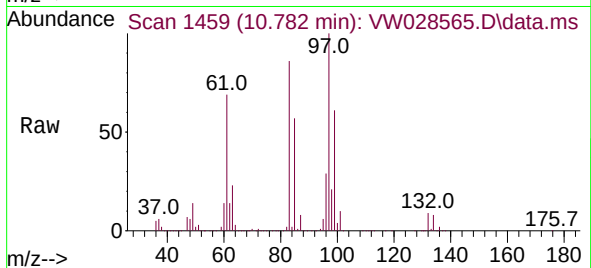
Ion Ratio Lower Upper

97 100

99 60.9 41.9 77.9

83 86.2 62.1 115.3

85 56.6 38.4 71.4



#46

Tetrachloroethene

Concen: 49.918 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028565.D

Acq: 02 May 2024 11:24

Tgt Ion:164 Resp: 146362

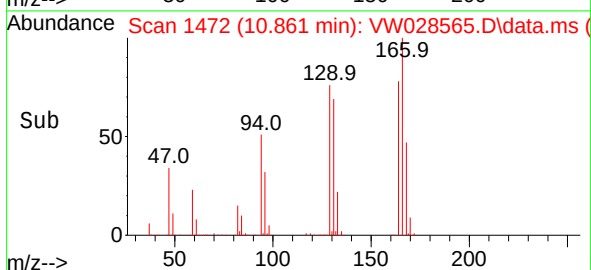
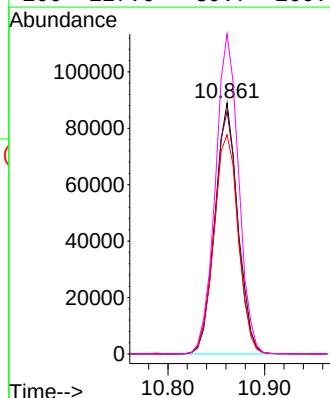
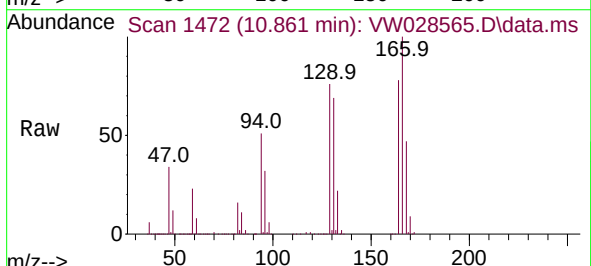
Ion Ratio Lower Upper

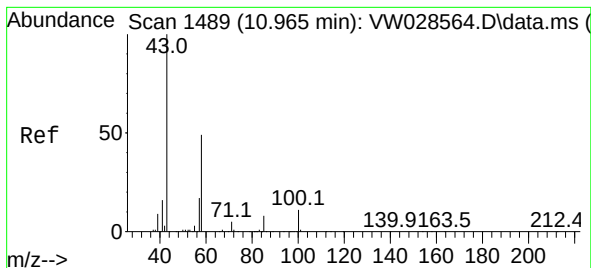
164 100

129 96.7 69.2 128.6

131 87.4 67.7 125.7

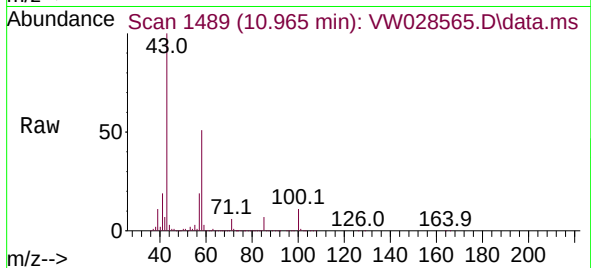
166 127.6 89.7 166.7



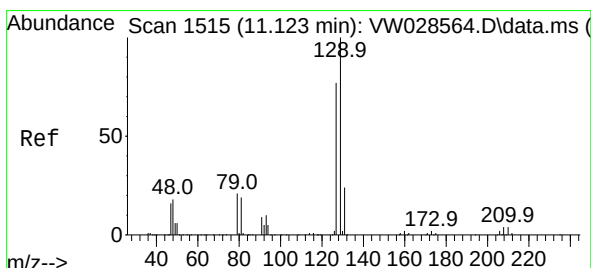
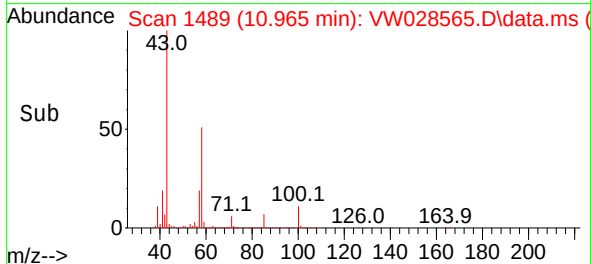
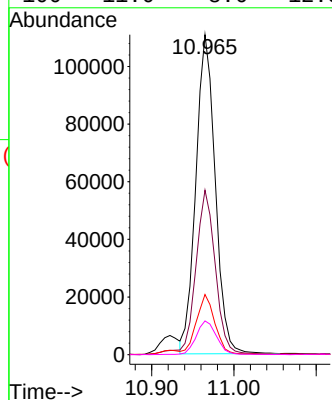


#48
2-Hexanone
Concen: 95.493 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028565.D
Acq: 02 May 2024 11:24

Instrument :
MSVOA_W
ClientSampleId :

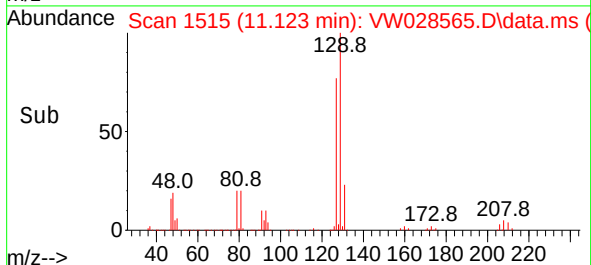
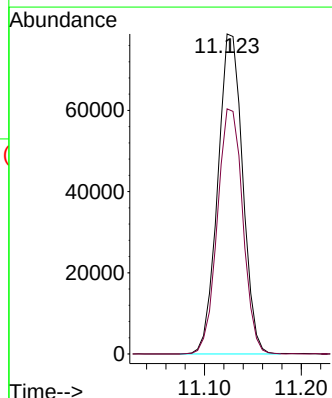
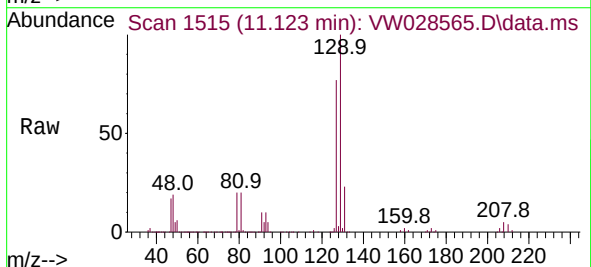


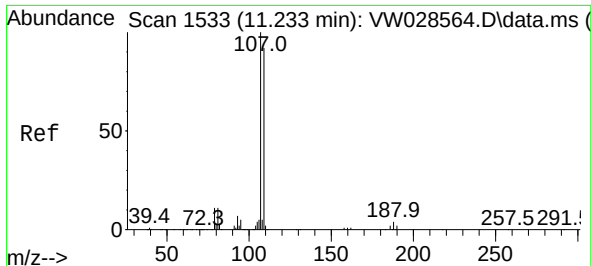
Tgt Ion: 43 Resp: 181456
Ion Ratio Lower Upper
43 100
58 50.8 41.0 61.4
57 18.2 14.8 22.2
100 11.0 8.6 12.8



#49
Dibromochloromethane
Concen: 48.941 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW028565.D
Acq: 02 May 2024 11:24

Tgt Ion: 129 Resp: 140630
Ion Ratio Lower Upper
129 100
127 76.6 54.3 100.8





#50

1,2-Dibromoethane

Concen: 46.497 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW028565.D

Acq: 02 May 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :

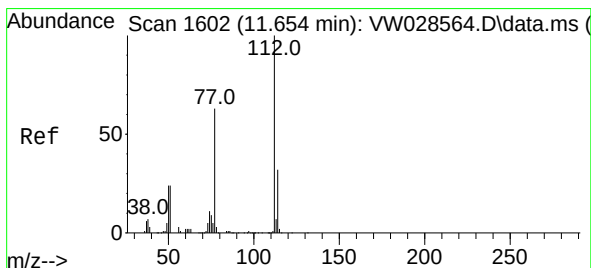
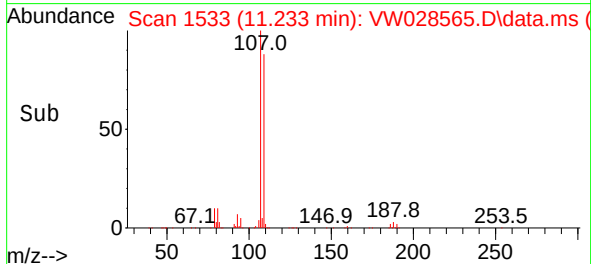
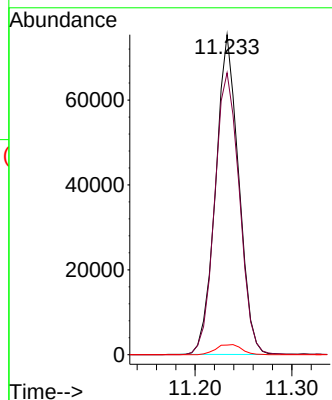
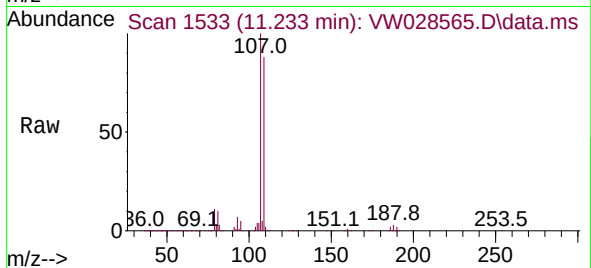
Tgt Ion:107 Resp: 124778

Ion Ratio Lower Upper

107 100

109 88.1 64.2 119.2

188 3.0 3.1 4.7#



#51

Chlorobenzene

Concen: 48.107 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW028565.D

Acq: 02 May 2024 11:24

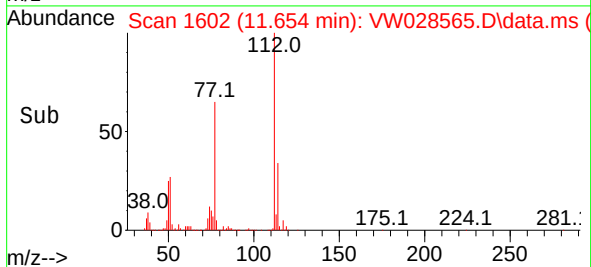
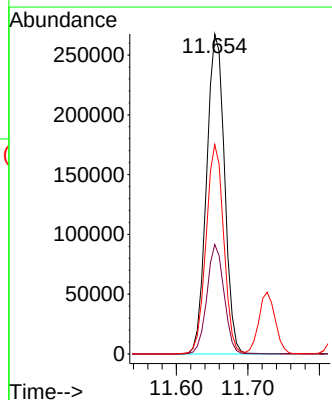
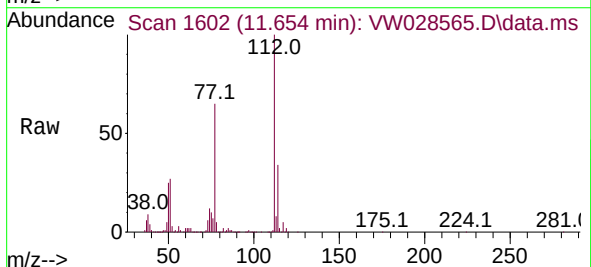
Tgt Ion:112 Resp: 466452

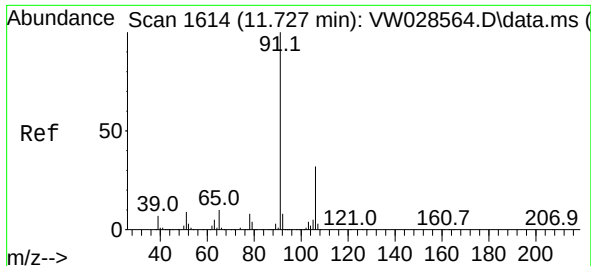
Ion Ratio Lower Upper

112 100

114 34.2 22.2 41.2

77 65.4 50.8 76.2





#52

Ethylbenzene

Concen: 50.679 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028565.D

Acq: 02 May 2024 11:24

Instrument :

MSVOA_W

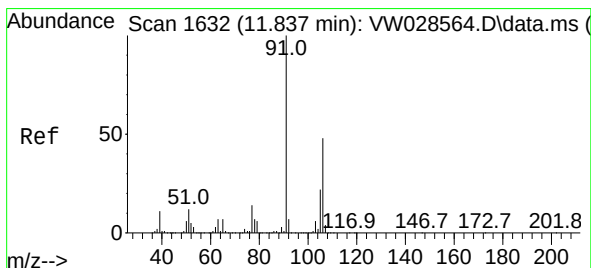
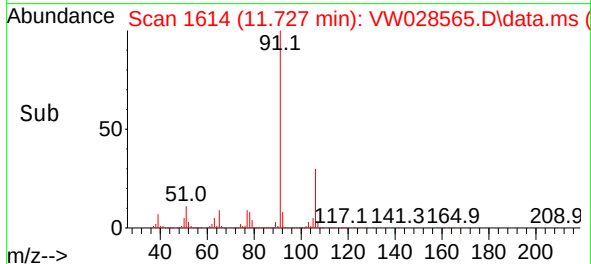
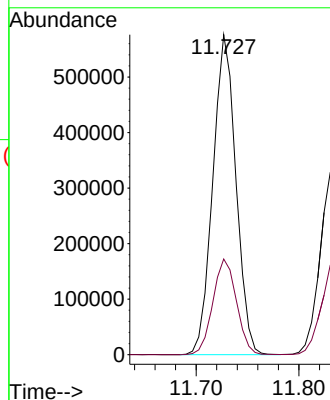
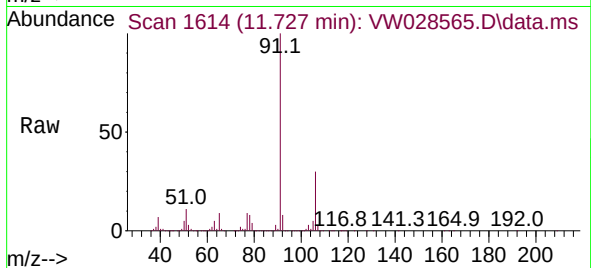
ClientSampleId :

Tgt Ion: 91 Resp: 899011

Ion Ratio Lower Upper

91 100

106 29.9 22.7 42.1



#53

m,p-Xylene

Concen: 49.629 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028565.D

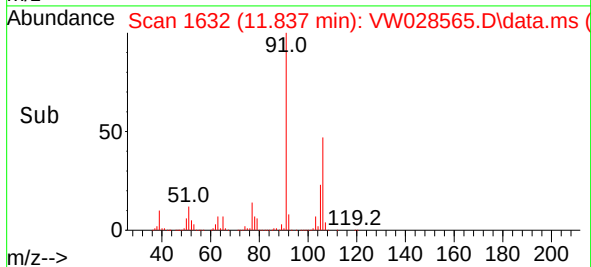
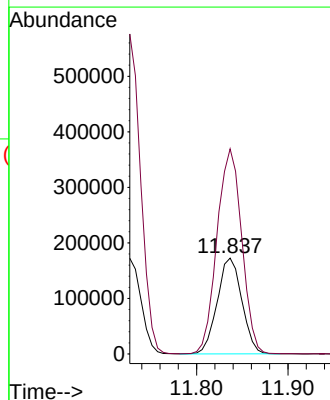
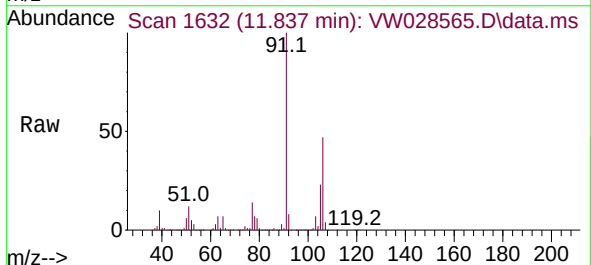
Acq: 02 May 2024 11:24

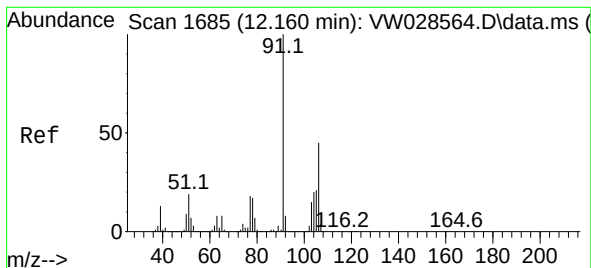
Tgt Ion:106 Resp: 322714

Ion Ratio Lower Upper

106 100

91 214.1 146.6 272.2





#54

o-Xylene

Concen: 52.377 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028565.D

Acq: 02 May 2024 11:24

Instrument :

MSVOA_W

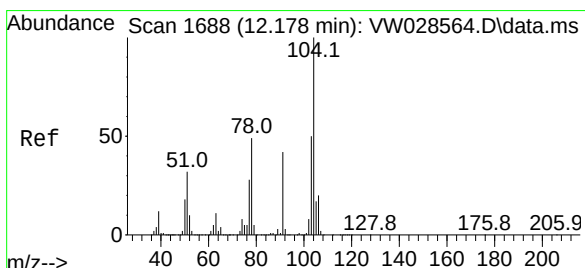
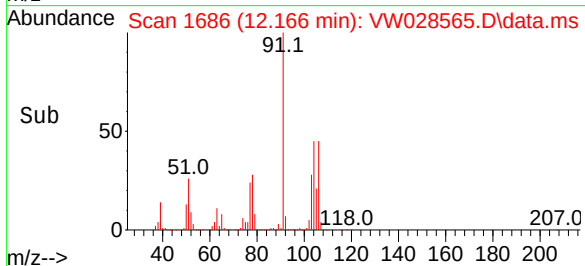
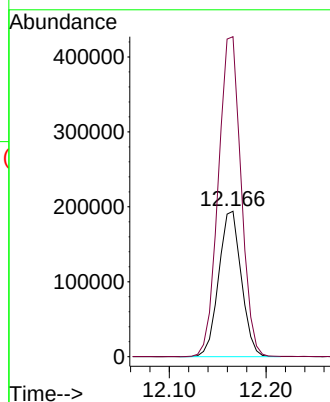
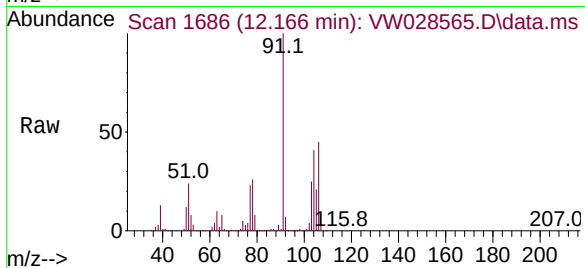
ClientSampleId :

Tgt Ion:106 Resp: 315078

Ion Ratio Lower Upper

106 100

91 219.9 154.3 286.5



#55

Styrene

Concen: 52.423 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028565.D

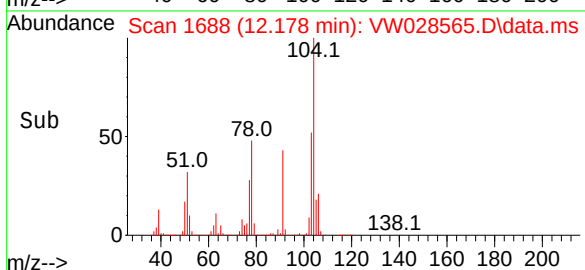
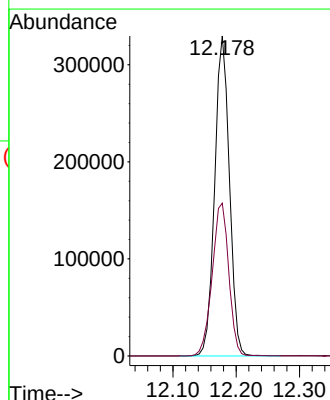
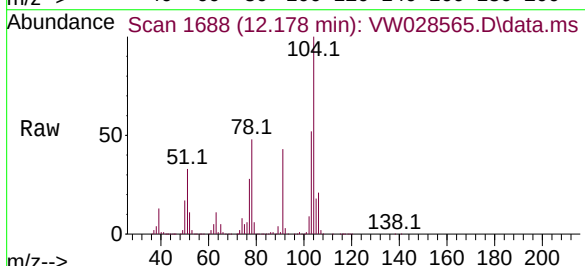
Acq: 02 May 2024 11:24

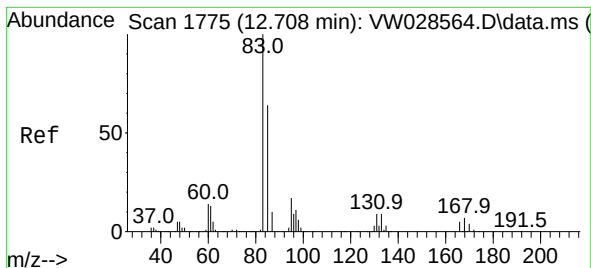
Tgt Ion:104 Resp: 534355

Ion Ratio Lower Upper

104 100

78 47.8 34.1 63.3

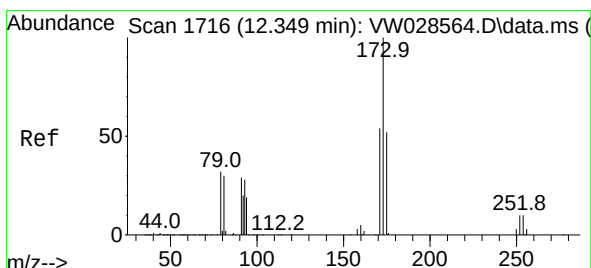
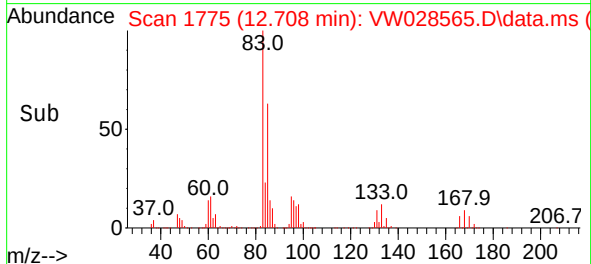
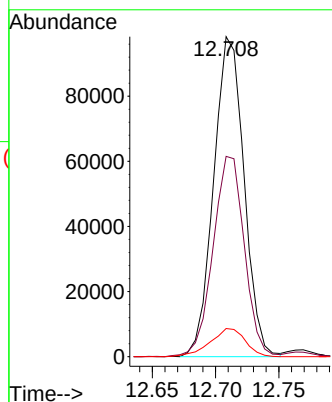
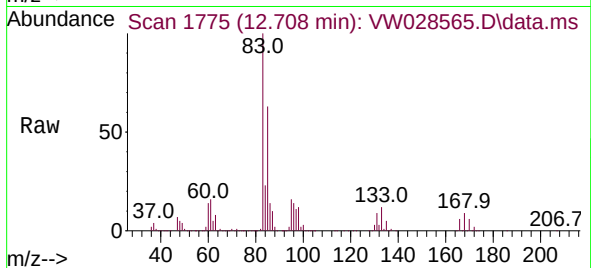




#57
1,1,2,2-Tetrachloroethane
Concen: 45.736 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW028565.D
Acq: 02 May 2024 11:24

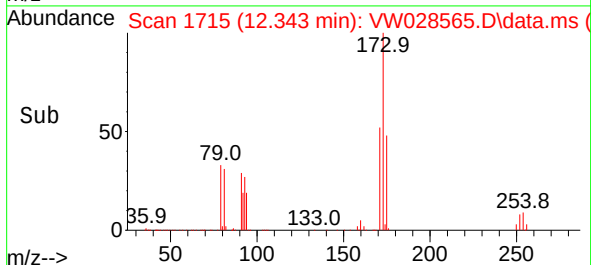
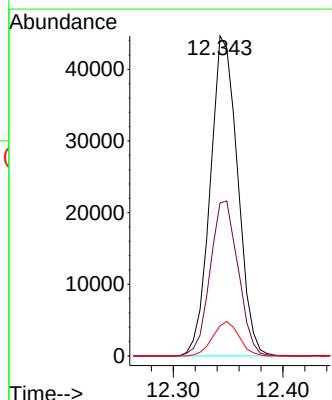
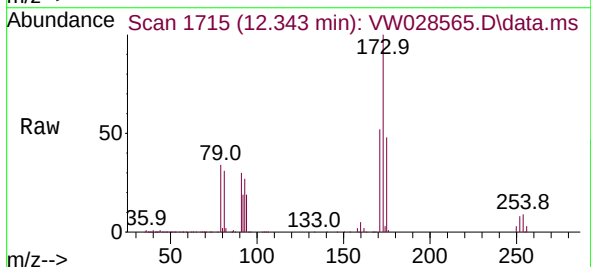
Instrument :
MSVOA_W
ClientSampleId :

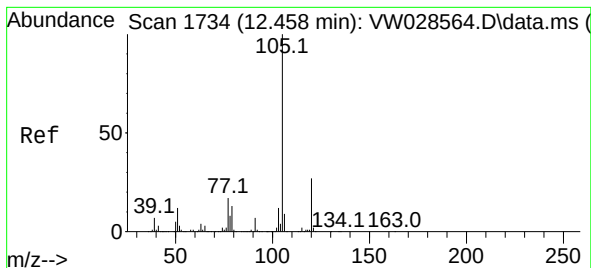
Tgt Ion: 83 Resp: 164387
Ion Ratio Lower Upper
83 100
85 62.6 45.6 84.6
131 8.8 7.3 10.9



#59
Bromoform
Concen: 44.742 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW028565.D
Acq: 02 May 2024 11:24

Tgt Ion:173 Resp: 77498
Ion Ratio Lower Upper
173 100
175 49.7 39.8 59.8
254 10.3 7.1 10.7





#60

Isopropylbenzene

Concen: 49.652 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028565.D

Acq: 02 May 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :

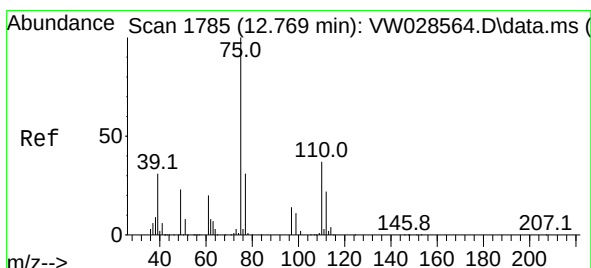
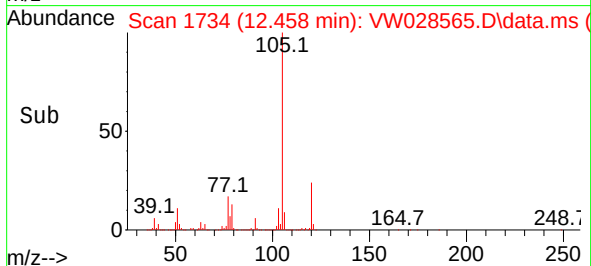
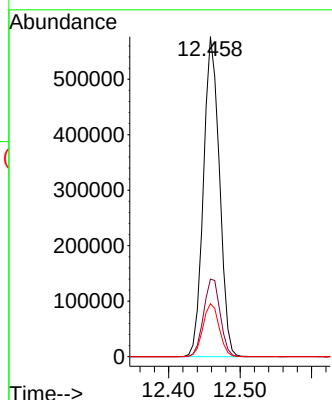
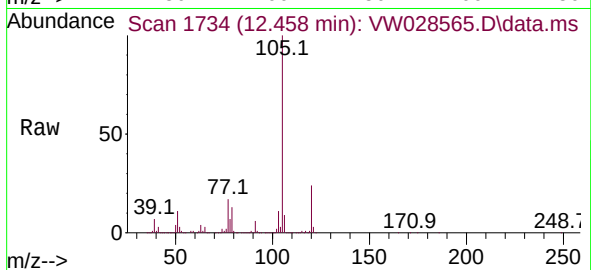
Tgt Ion:105 Resp: 894347

Ion Ratio Lower Upper

105 100

120 25.2 20.5 30.7

77 16.9 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 42.578 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW028565.D

Acq: 02 May 2024 11:24

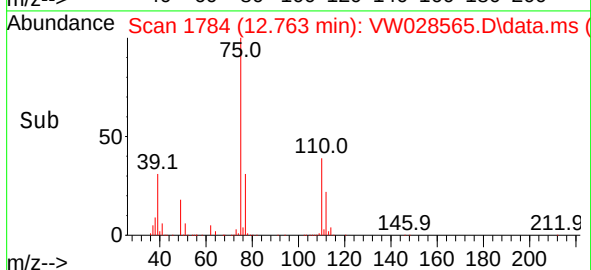
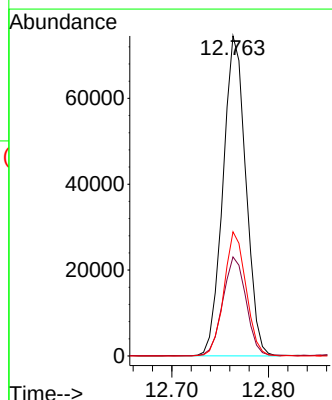
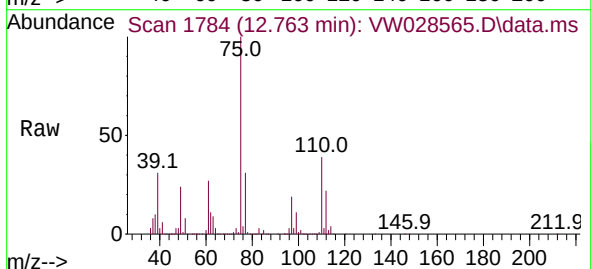
Tgt Ion: 75 Resp: 122166

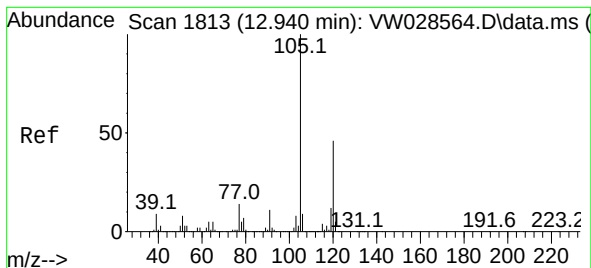
Ion Ratio Lower Upper

75 100

77 31.5 25.9 38.9

110 37.3 30.6 45.8

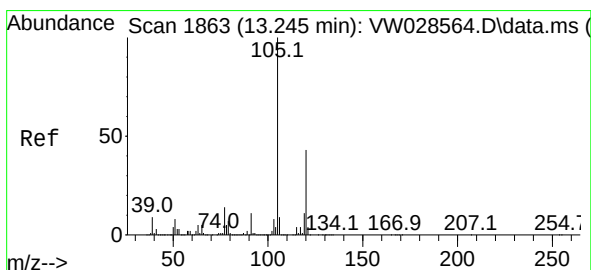
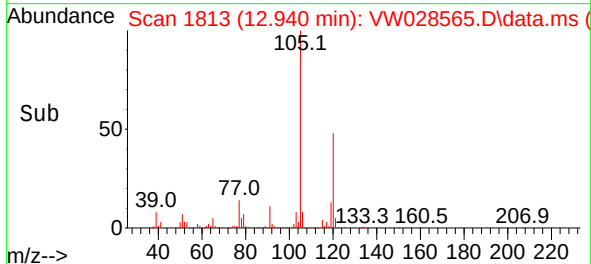
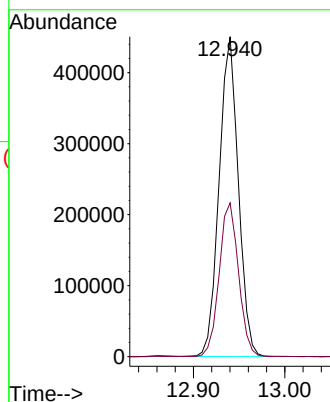
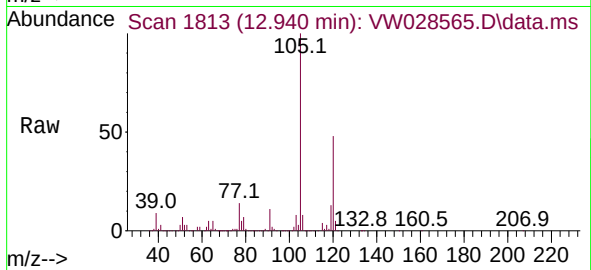




#62
1,3,5-Trimethylbenzene
Concen: 51.551 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028565.D
Acq: 02 May 2024 11:24

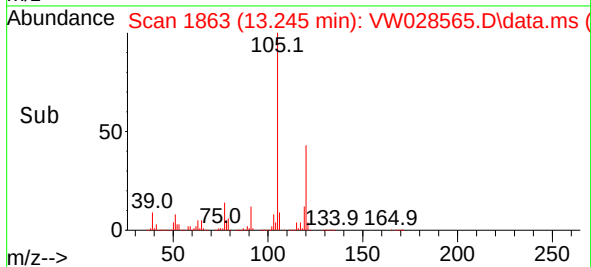
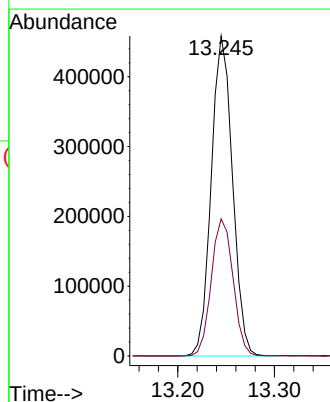
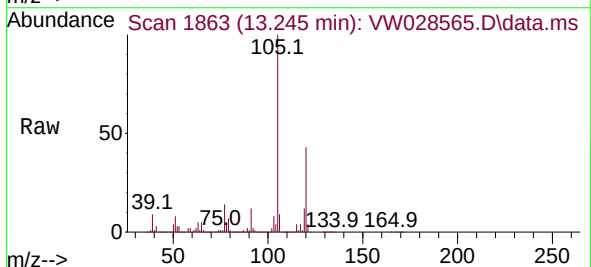
Instrument :
MSVOA_W
ClientSampleId :

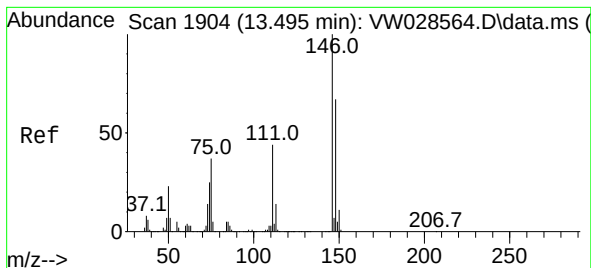
Tgt Ion:105 Resp: 656970
Ion Ratio Lower Upper
105 100
120 48.5 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 50.841 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028565.D
Acq: 02 May 2024 11:24

Tgt Ion:105 Resp: 698118
Ion Ratio Lower Upper
105 100
120 43.8 34.1 51.1





#64

1,3-Dichlorobenzene

Concen: 47.711 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028565.D

Acq: 02 May 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :

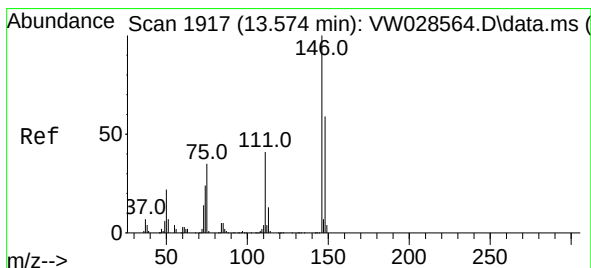
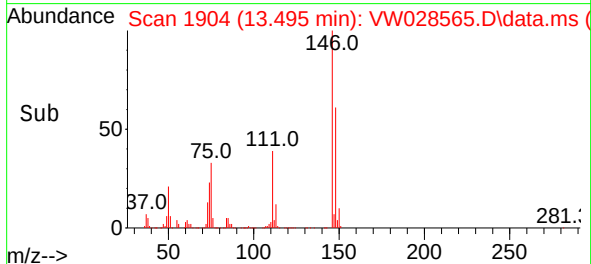
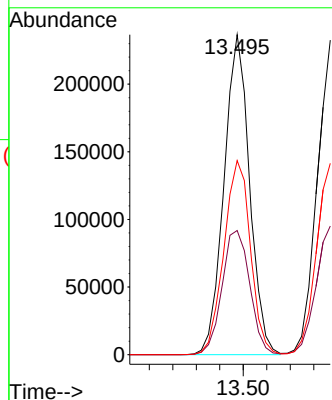
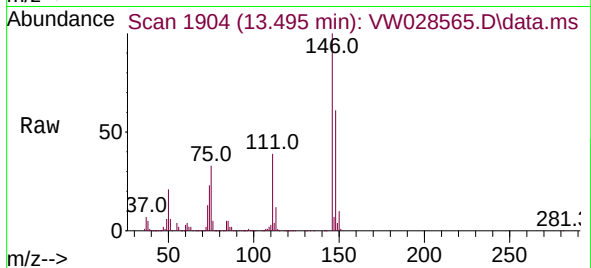
Tgt Ion:146 Resp: 357508

Ion Ratio Lower Upper

146 100

111 38.8 30.7 57.1

148 60.6 47.0 87.2



#65

1,4-Dichlorobenzene

Concen: 46.703 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028565.D

Acq: 02 May 2024 11:24

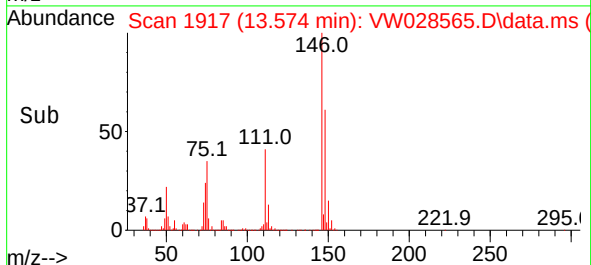
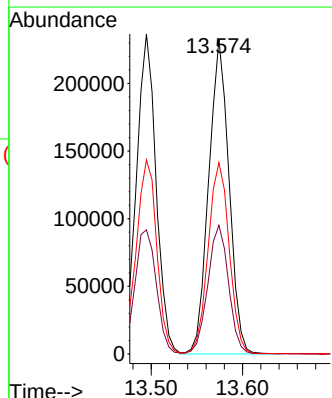
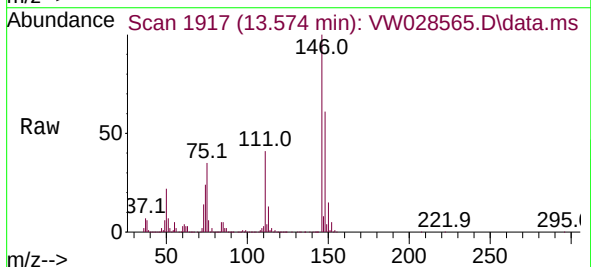
Tgt Ion:146 Resp: 357783

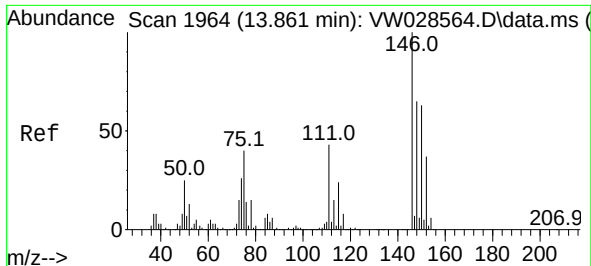
Ion Ratio Lower Upper

146 100

111 40.9 29.1 54.1

148 60.8 41.2 76.6





#67

1,2-Dichlorobenzene

Concen: 46.473 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW028565.D

Acq: 02 May 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :

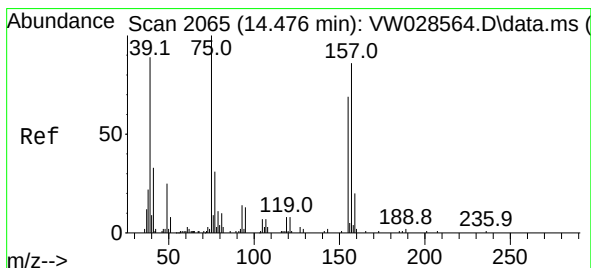
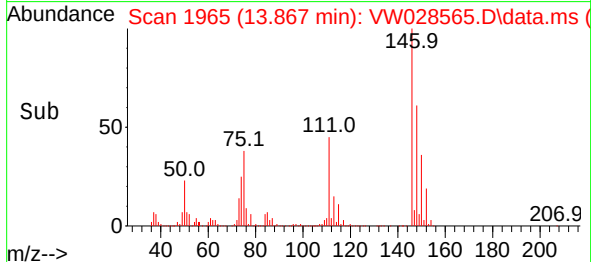
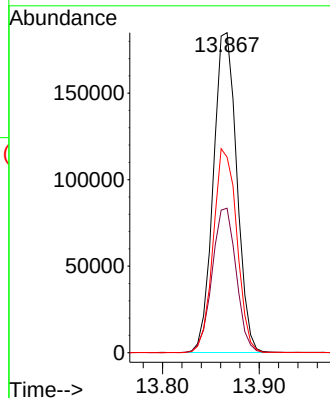
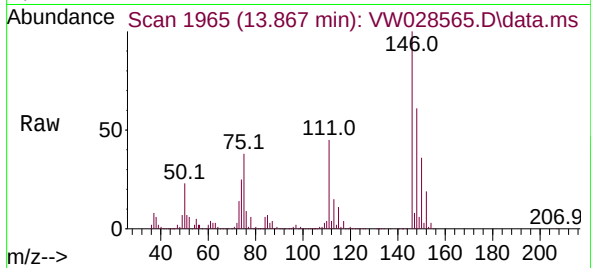
Tgt Ion:146 Resp: 311691

Ion Ratio Lower Upper

146 100

111 45.2 34.7 52.1

148 61.1 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 39.840 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028565.D

Acq: 02 May 2024 11:24

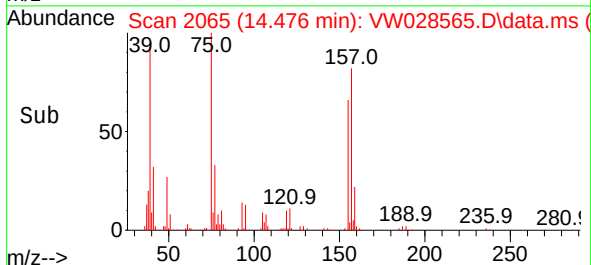
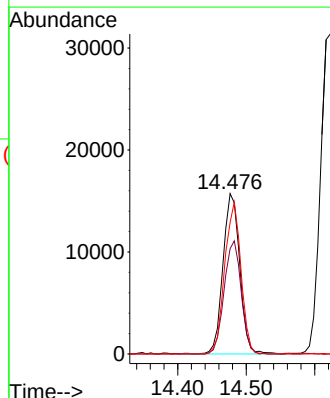
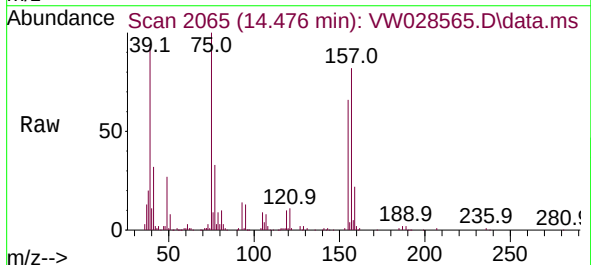
Tgt Ion: 75 Resp: 26727

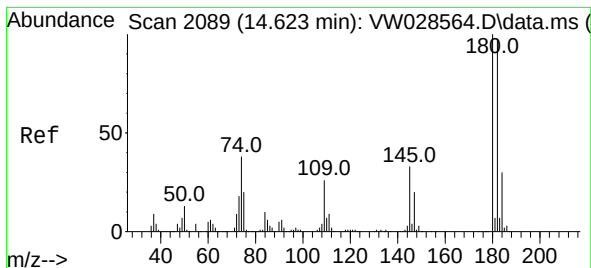
Ion Ratio Lower Upper

75 100

155 65.6 55.1 82.7

157 82.0 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 48.563 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

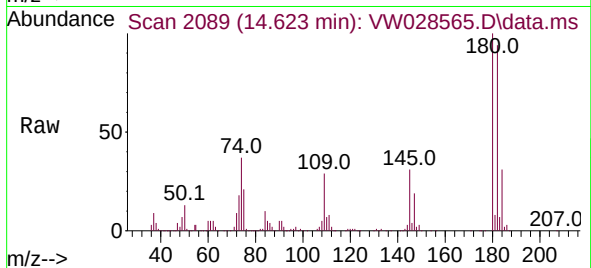
Lab File: VW028565.D

Acq: 02 May 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 244185

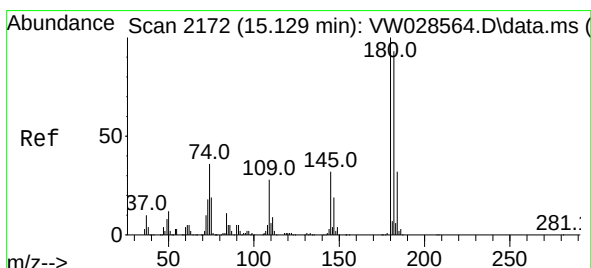
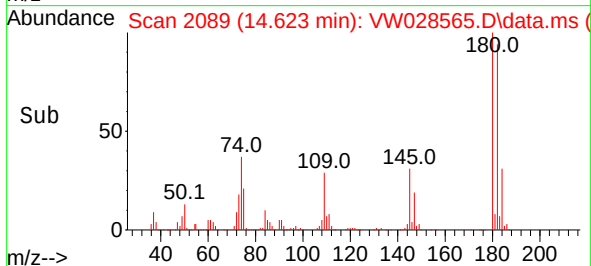
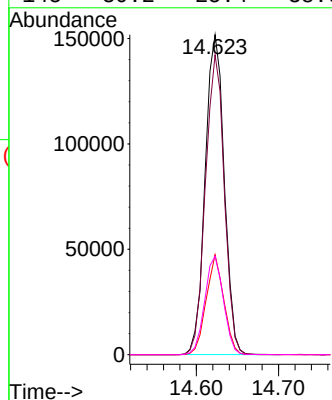
Ion Ratio Lower Upper

180 100

182 92.7 75.4 113.2

184 29.0 24.0 36.0

145 30.2 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 50.225 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW028565.D

Acq: 02 May 2024 11:24

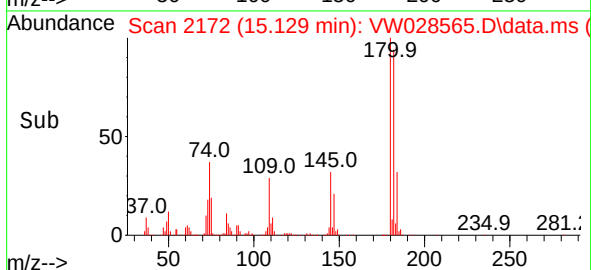
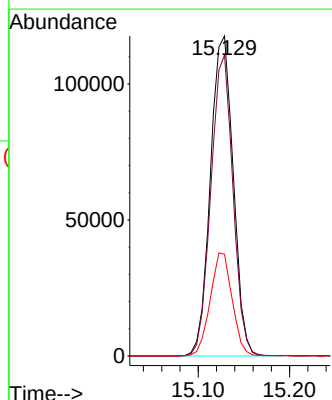
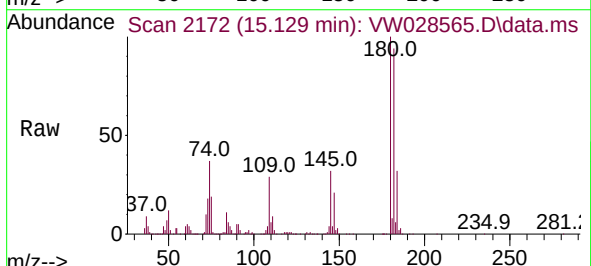
Tgt Ion:180 Resp: 204053

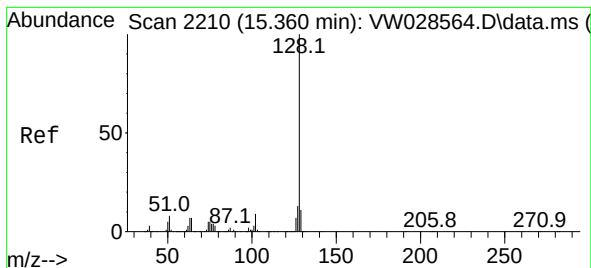
Ion Ratio Lower Upper

180 100

182 90.9 77.2 115.8

145 31.0 26.6 39.8





#71

Naphthalene

Concen: 49.812 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW028565.D

Acq: 02 May 2024 11:24

Instrument :

MSVOA_W

ClientSampleId :

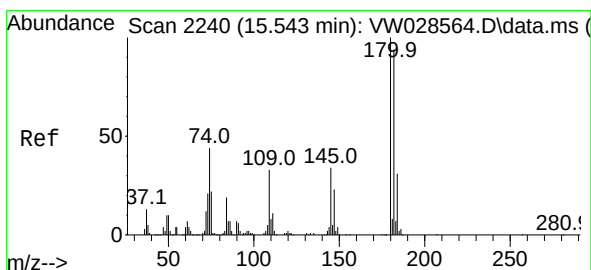
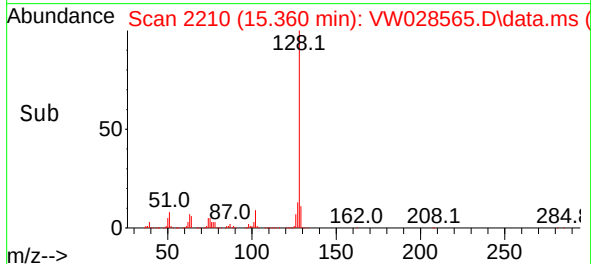
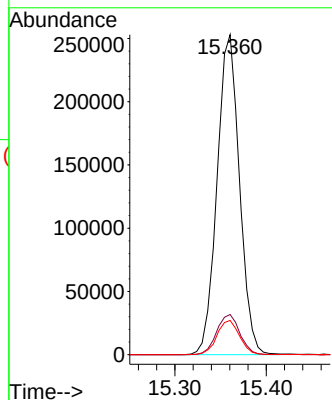
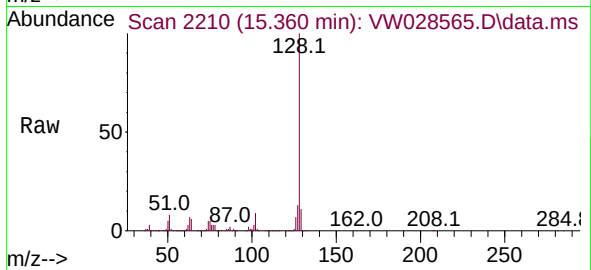
Tgt Ion:128 Resp: 431174

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 47.214 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW028565.D

Acq: 02 May 2024 11:24

Tgt Ion:180 Resp: 173089

Ion Ratio Lower Upper

180 100

182 91.6 76.1 114.1

145 34.1 28.3 42.5

