

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050224\
 Data File : VW028563.D
 Acq On : 02 May 2024 10:36
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 03 02:41:03 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	231670	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	215872	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	101744	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	20240	4.601	ug/L	0.00
7) Chloroethane-d5	2.905	69	15966	4.740	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	8513	4.632	ug/L	0.00
21) 2-Butanone-d5	7.081	46	9589	8.943	ug/L	0.00
24) Chloroform-d	7.648	84	34972	4.831	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	20566	4.962	ug/L	0.00
32) Benzene-d6	8.276	84	66913	4.646	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	20453	4.719	ug/L	0.00
41) Toluene-d8	10.325	98	58106	4.556	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	7760	4.451	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	6035	8.074	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	17210	4.736	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	19230	4.959	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	17073	5.071	ug/L	99
3) Chloromethane	2.222	50	20961	5.026	ug/L	96
5) Vinyl chloride	2.375	62	24109	5.134	ug/L	97
6) Bromomethane	2.789	94	13756	5.098	ug/L	95
8) Chloroethane	2.936	64	14055	5.299	ug/L	87
9) Trichlorofluoromethane	3.271	101	18335	4.756	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	8776	2.537	ug/L #	40
12) 1,1-Dichloroethene	4.045	96	15565	4.882	ug/L	94
13) Acetone	4.131	43	9207	9.093	ug/L	91
14) Carbon disulfide	4.393	76	53410	4.956	ug/L	99
15) Methyl Acetate	4.679	43	9431	5.208	ug/L	100
16) Methylene chloride	4.911	84	8338	2.337	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	15961	4.808	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	24457	4.993	ug/L	98
19) 1,1-Dichloroethane	6.222	63	33031	5.018	ug/L	99
20) cis-1,2-Dichloroethene	7.179	96	16912	4.868	ug/L	96
22) 2-Butanone	7.179	43	10288	8.425	ug/L	87
23) Bromochloromethane	7.520	128	7839	5.173	ug/L	91
25) Chloroform	7.679	83	32581	5.117	ug/L	93
27) 1,2-Dichloroethane	8.404	62	23867	5.157	ug/L	100
29) Cyclohexane	7.959	56	27943	4.540	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	26103	4.825	ug/L	98
31) Carbon tetrachloride	8.069	117	23842	4.834	ug/L	98
33) Benzene	8.325	78	69642	4.975	ug/L	100
34) Trichloroethene	9.093	95	18756	4.997	ug/L	91
35) Methylcyclohexane	9.331	83	29685	4.526	ug/L	97
37) 1,2-Dichloropropane	9.367	63	18358	5.098	ug/L	99
38) Bromodichloromethane	9.648	83	21690	4.878	ug/L	94
39) cis-1,3-Dichloropropene	10.075	75	24547	4.695	ug/L	92
40) 4-Methyl-2-pentanone	10.209	43	23721	9.555	ug/L	98
42) Toluene	10.386	91	69924	4.836	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	20522	4.656	ug/L	96

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 ClientSampleId :

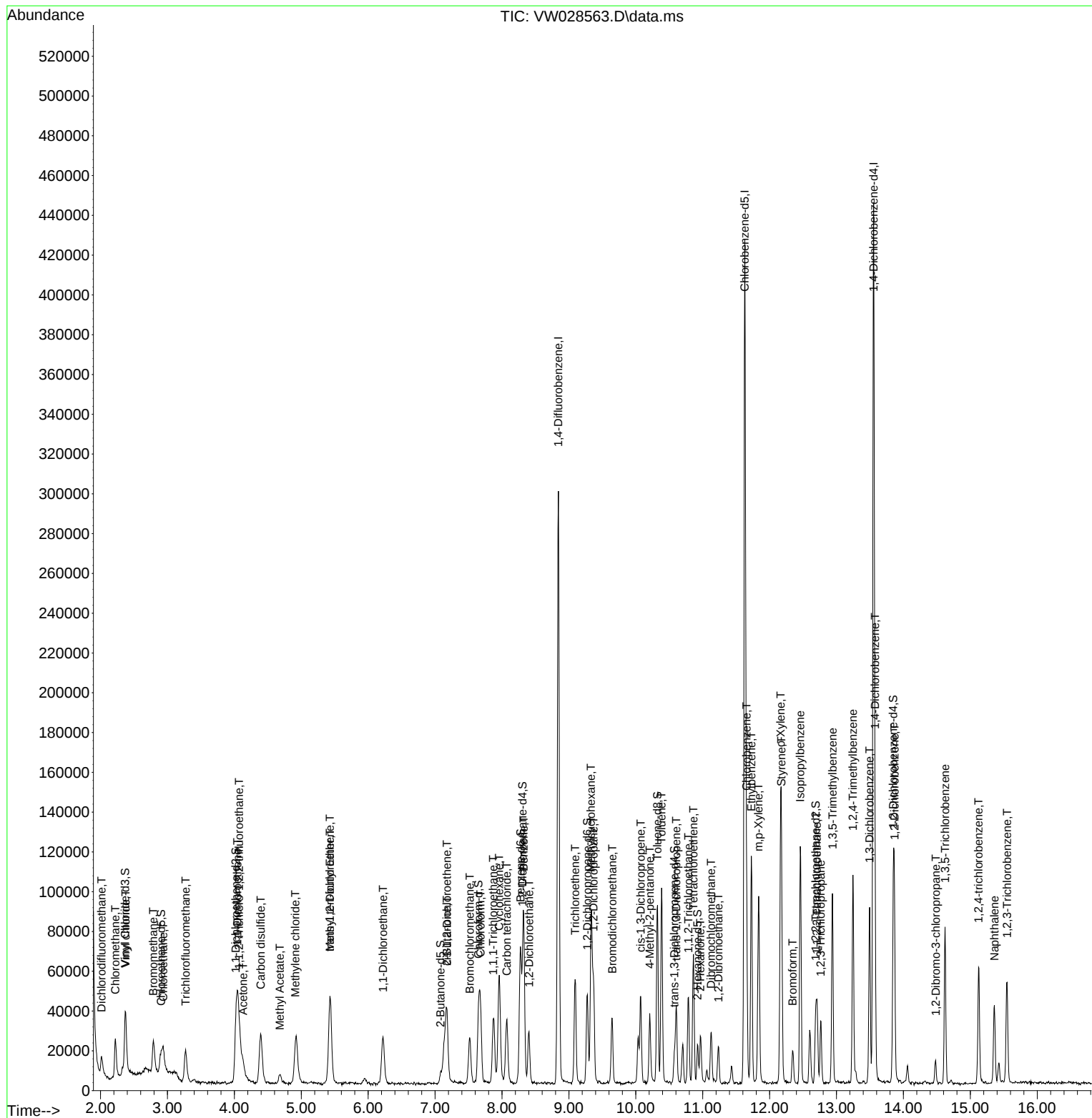
Quant Time: May 03 02:41:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 03 02:39:14 2024
 Response via : Initial Calibration

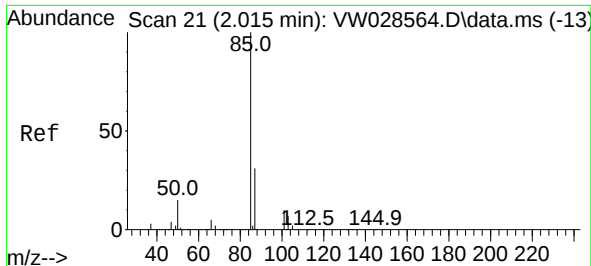
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.788	97	13593	5.144	ug/L	97
46) Tetrachloroethene	10.861	164	12596	4.658	ug/L	83
48) 2-Hexanone	10.965	43	16128	9.202	ug/L	95
49) Dibromochloromethane	11.123	129	12765	4.816	ug/L	98
50) 1,2-Dibromoethane	11.233	107	12509	5.054	ug/L #	94
51) Chlorobenzene	11.654	112	44698	4.998	ug/L	100
52) Ethylbenzene	11.727	91	75612	4.621	ug/L	98
53) m,p-Xylene	11.836	106	28252	4.711	ug/L	93
54) o-Xylene	12.166	106	25589	4.612	ug/L	93
55) Styrene	12.178	104	43268	4.602	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	16697	5.037	ug/L	92
59) Bromoform	12.343	173	6978	4.701	ug/L	97
60) Isopropylbenzene	12.458	105	74471	4.824	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	12497	5.082	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	48544	4.445	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	53592	4.554	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	31073	4.839	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	33277	5.069	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	29043	5.053	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	2936	5.107	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	21034	4.881	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	16984	4.878	ug/L	99
71) Naphthalene	15.360	128	32576	4.392	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	16086	5.120	ug/L	95

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

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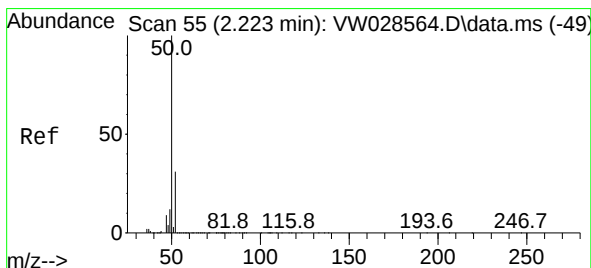
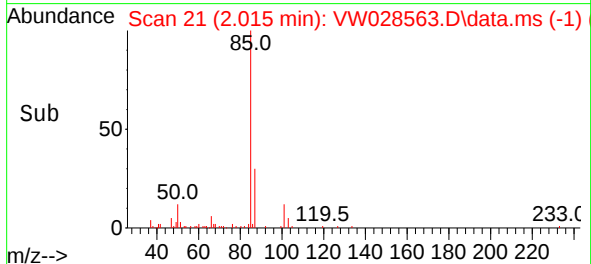
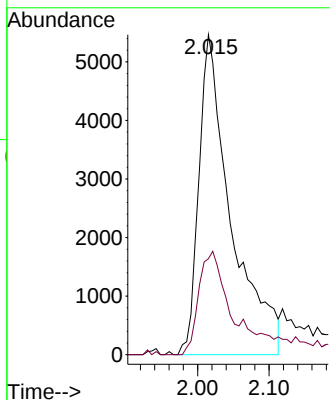
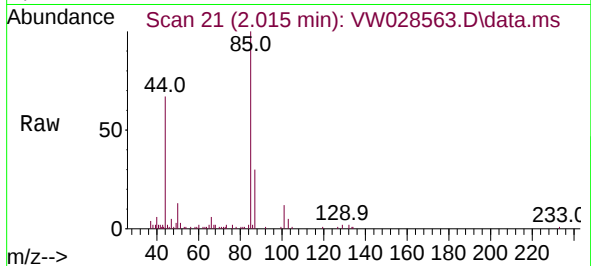




#2
 Dichlorodifluoromethane
 Concen: 5.071 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028563.D
 Acq: 02 May 2024 10:36

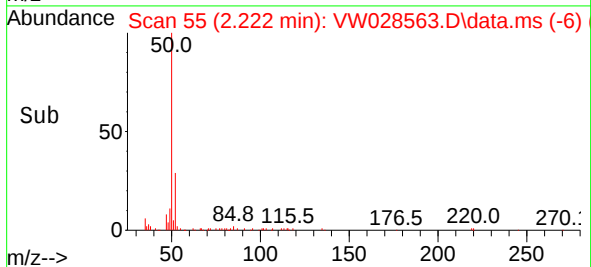
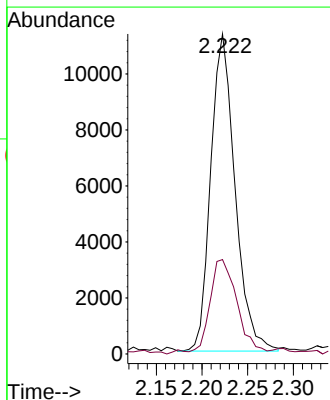
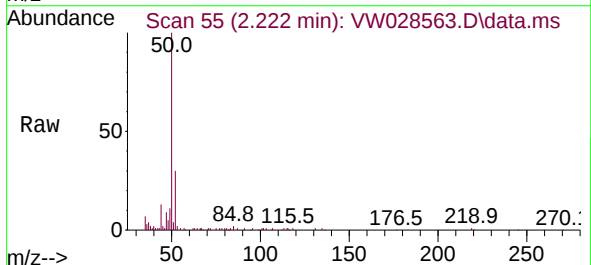
Instrument :
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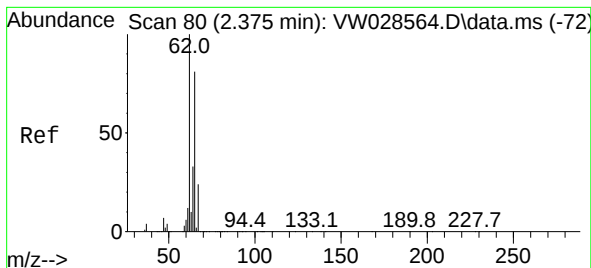
Tgt Ion: 85 Resp: 17073
 Ion Ratio Lower Upper
 85 100
 87 27.0 21.9 32.9



#3
 Chloromethane
 Concen: 5.026 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW028563.D
 Acq: 02 May 2024 10:36

Tgt Ion: 50 Resp: 20961
 Ion Ratio Lower Upper
 50 100
 52 29.5 22.0 41.0





#5

Vinyl chloride

Concen: 5.134 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW028563.D

Acq: 02 May 2024 10:36

Instrument :

MSVOA_W

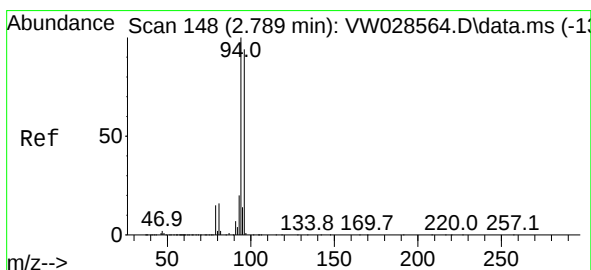
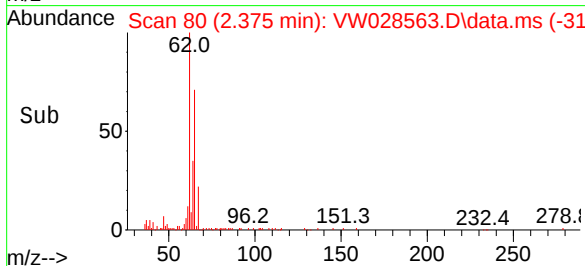
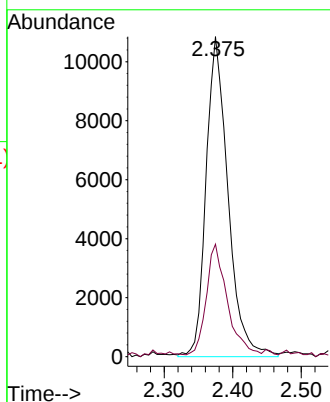
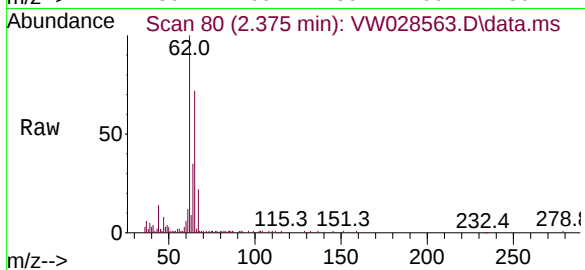
ClientSampleId :

Tgt Ion: 62 Resp: 24109

Ion Ratio Lower Upper

62 100

64 35.2 23.3 43.3



#6

Bromomethane

Concen: 5.098 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW028563.D

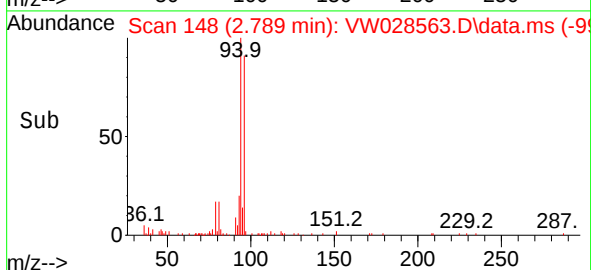
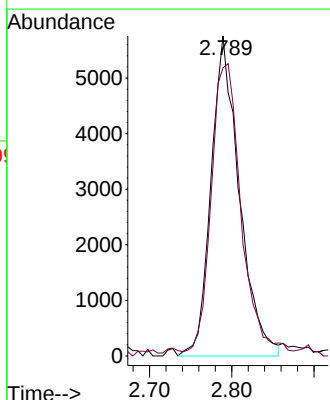
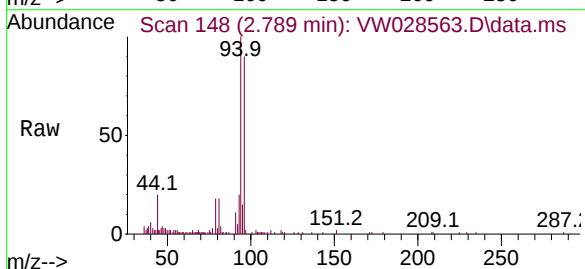
Acq: 02 May 2024 10:36

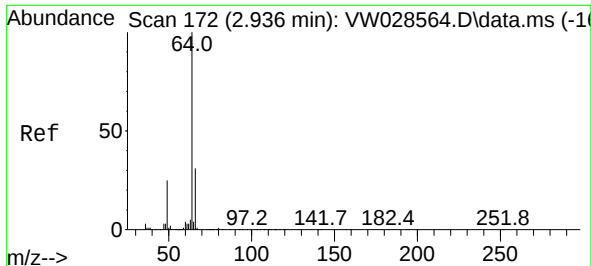
Tgt Ion: 94 Resp: 13756

Ion Ratio Lower Upper

94 100

96 90.0 66.3 123.1

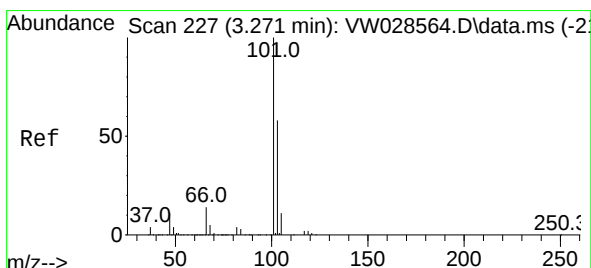
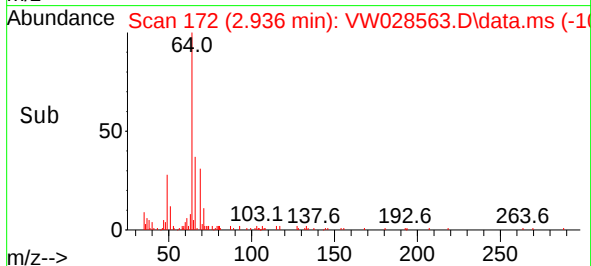
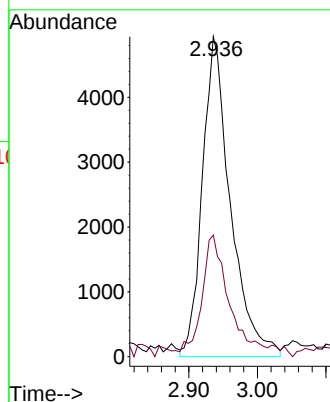
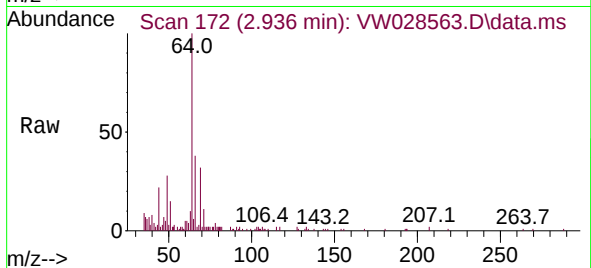




#8
Chloroethane
Concen: 5.299 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW028563.D
Acq: 02 May 2024 10:36

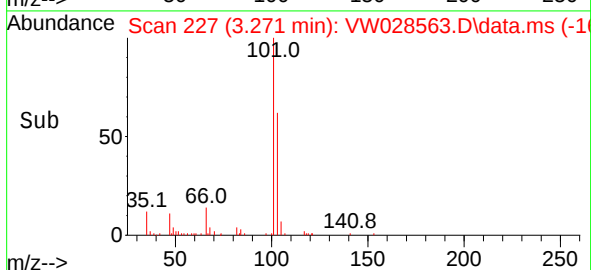
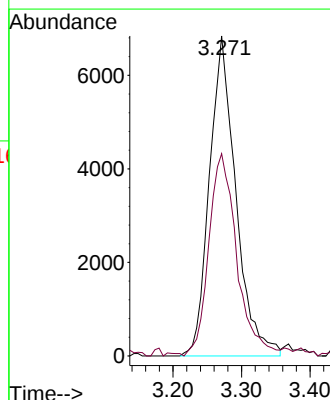
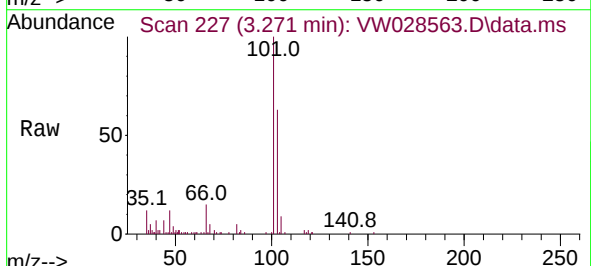
Instrument :
MSVOA_W
ClientSampleId :

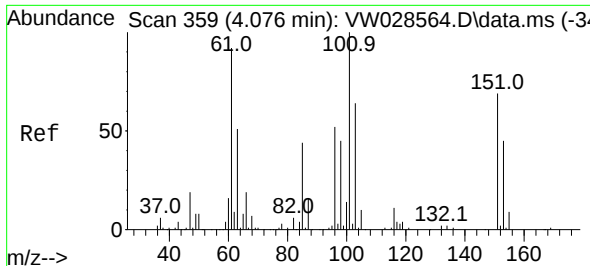
Tgt Ion: 64 Resp: 14055
Ion Ratio Lower Upper
64 100
66 38.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 4.756 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028563.D
Acq: 02 May 2024 10:36

Tgt Ion:101 Resp: 18335
Ion Ratio Lower Upper
101 100
103 66.8 50.4 75.6





#10

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

Concen: 2.537 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW028563.D

Acq: 02 May 2024 10:36

Instrument :

MSVOA_W

ClientSampleId :

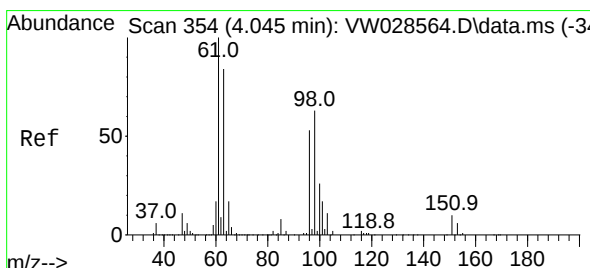
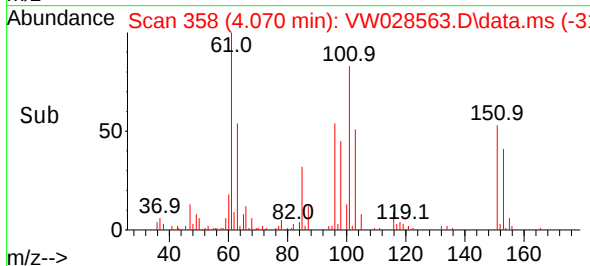
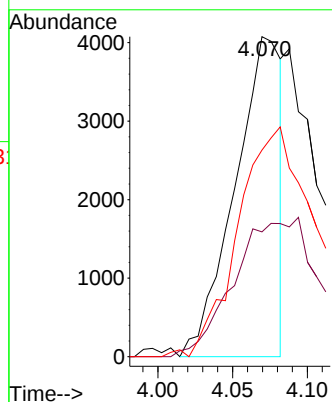
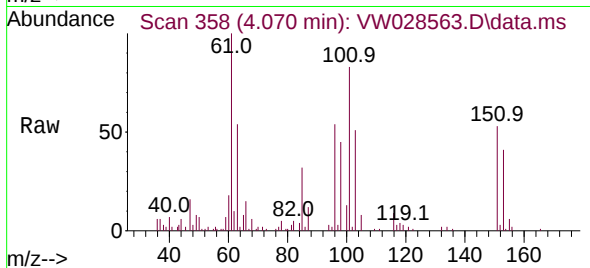
Tgt Ion:101 Resp: 8776

Ion Ratio Lower Upper

101 100

85 52.3 35.8 53.8

151 134.6 49.6 74.4#



#12

1,1-Dichloroethene

Concen: 4.882 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW028563.D

Acq: 02 May 2024 10:36

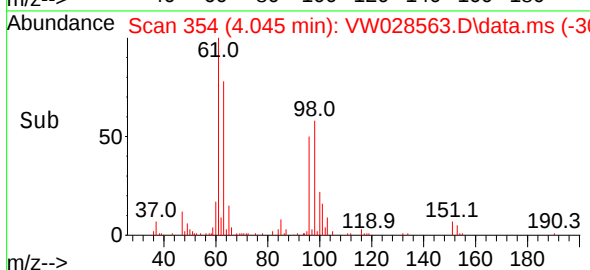
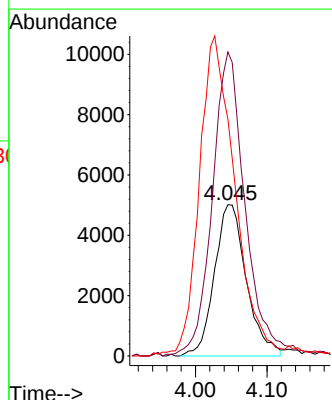
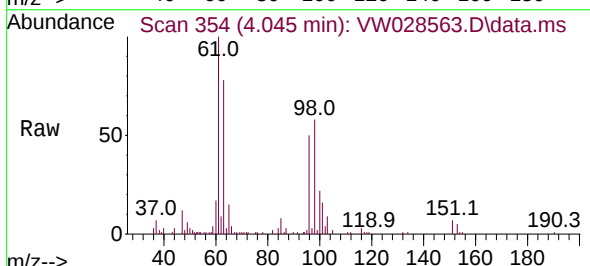
Tgt Ion: 96 Resp: 15565

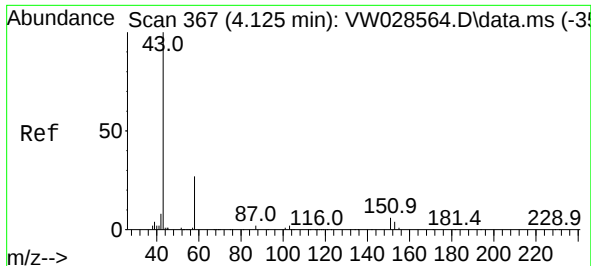
Ion Ratio Lower Upper

96 100

61 201.2 131.6 244.4

63 156.8 111.4 206.8

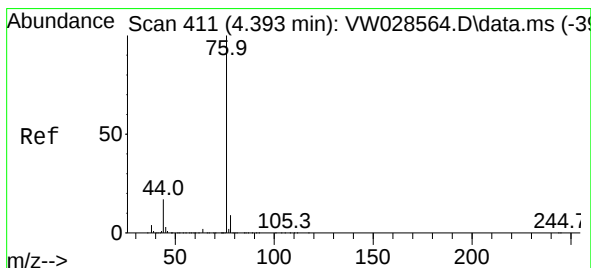
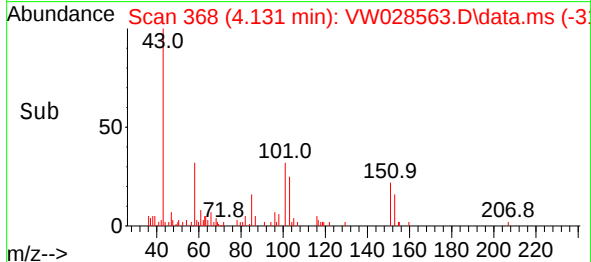
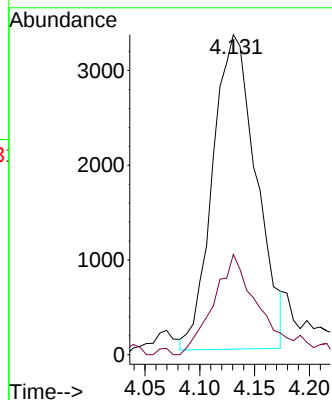
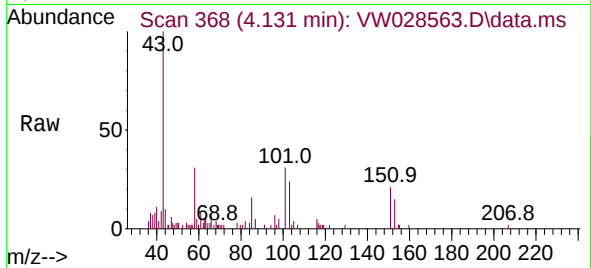




#13
Acetone
Concen: 9.093 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW028563.D
Acq: 02 May 2024 10:36

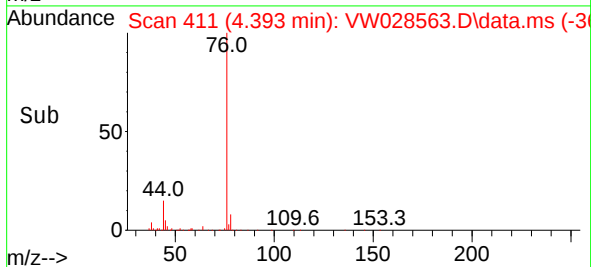
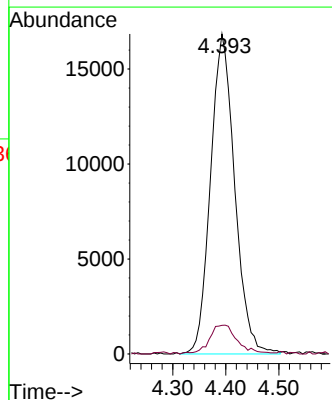
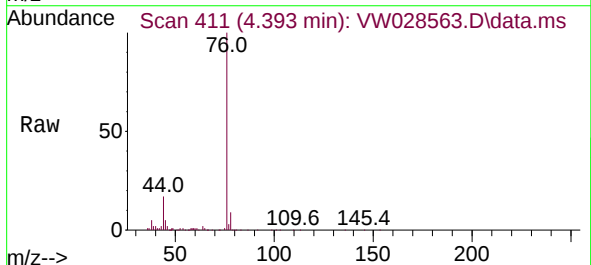
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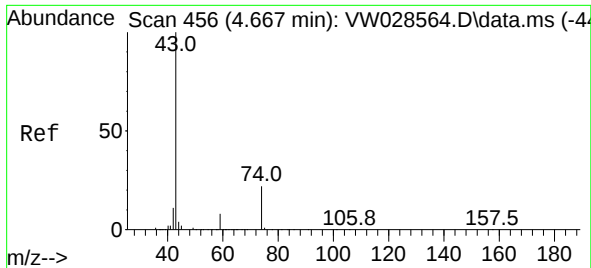
Tgt Ion: 43 Resp: 9207
Ion Ratio Lower Upper
43 100
58 31.8 0.0 54.4



#14
Carbon disulfide
Concen: 4.956 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW028563.D
Acq: 02 May 2024 10:36

Tgt Ion: 76 Resp: 53410
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

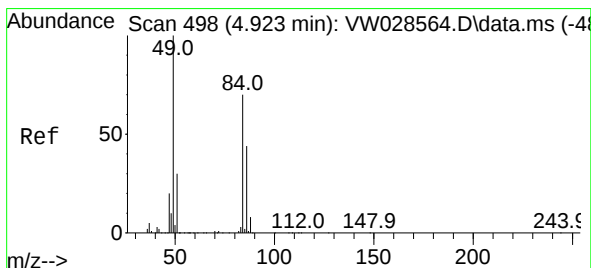
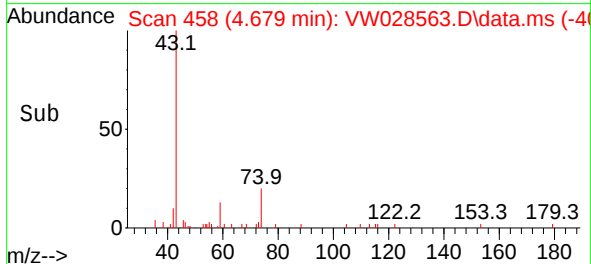
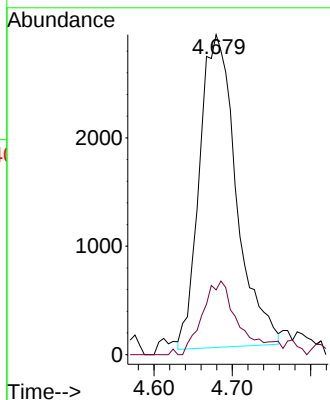
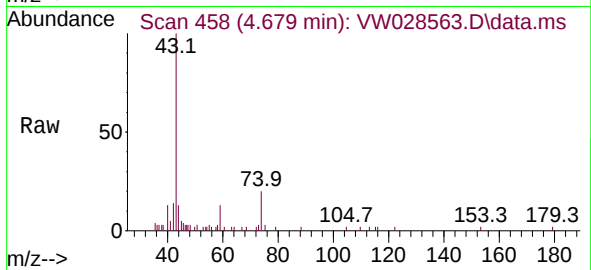




#15
Methyl Acetate
Concen: 5.208 ug/L
RT: 4.679 min Scan# 41
Delta R.T. 0.012 min
Lab File: VW028563.D
Acq: 02 May 2024 10:36

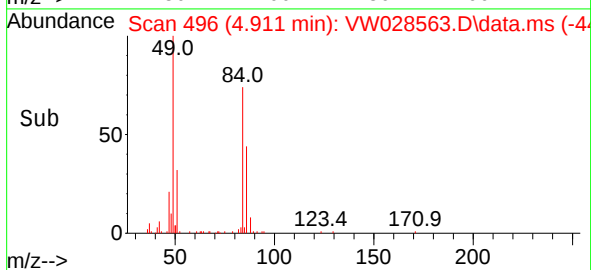
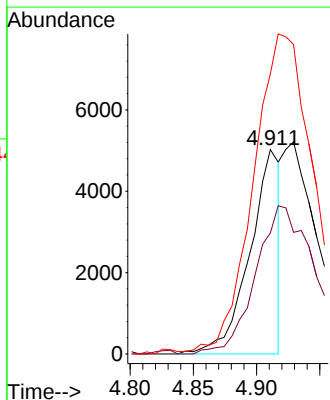
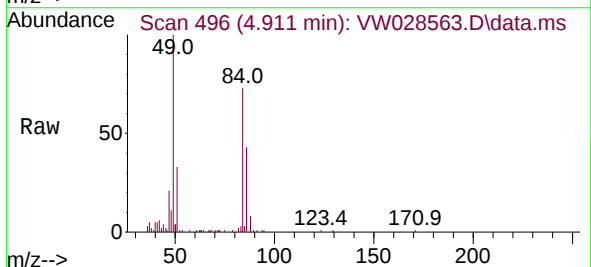
Instrument :
MSVOA_W
ClientSampleId :

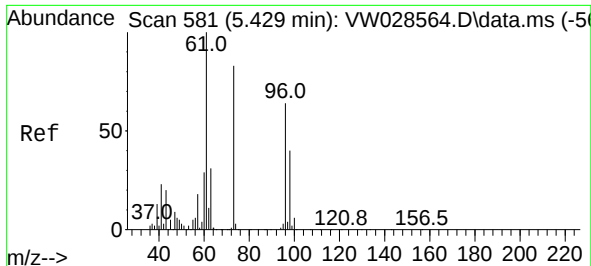
Tgt Ion: 43 Resp: 9431
Ion Ratio Lower Upper
43 100
74 21.9 17.6 26.4



#16
Methylene chloride
Concen: 2.337 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.012 min
Lab File: VW028563.D
Acq: 02 May 2024 10:36

Tgt Ion: 84 Resp: 8338
Ion Ratio Lower Upper
84 100
86 59.2 44.4 82.4
49 137.0 100.2 186.2





#17

trans-1,2-Dichloroethene

Concen: 4.808 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW028563.D

Acq: 02 May 2024 10:36

Instrument :

MSVOA_W

ClientSampleId :

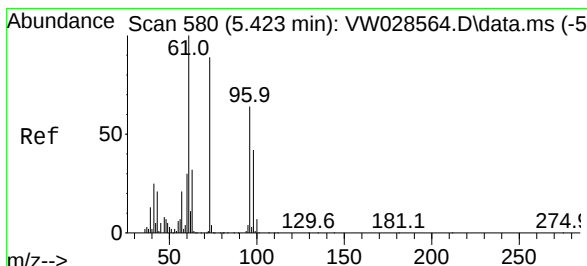
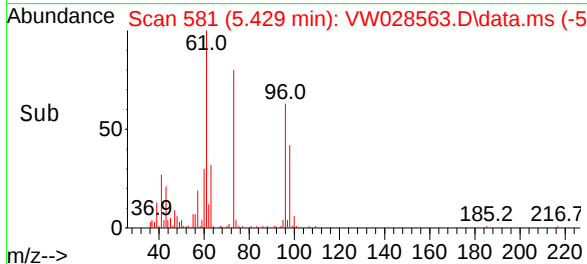
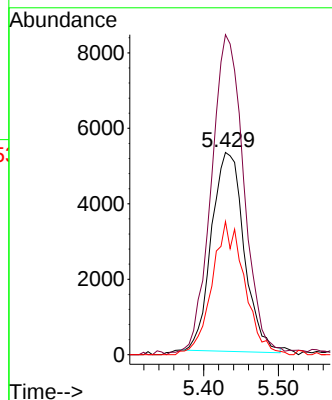
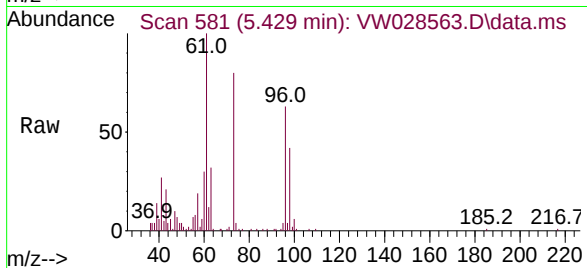
Tgt Ion: 96 Resp: 15961

Ion Ratio Lower Upper

96 100

61 158.2 109.0 202.4

98 65.9 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 4.993 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW028563.D

Acq: 02 May 2024 10:36

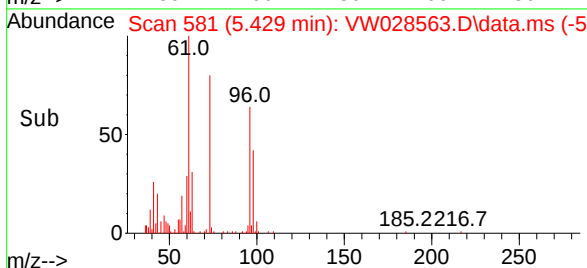
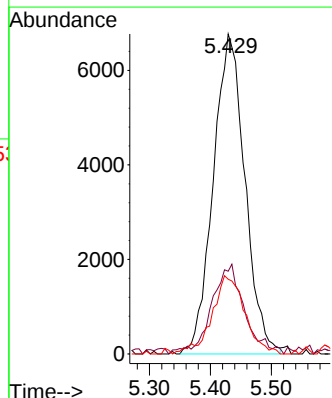
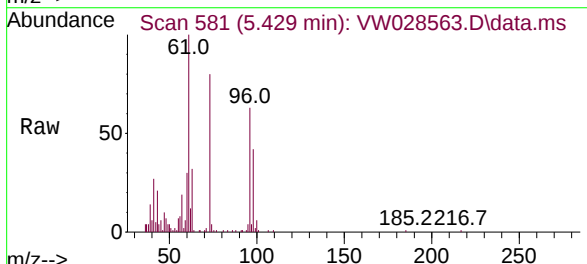
Tgt Ion: 73 Resp: 24457

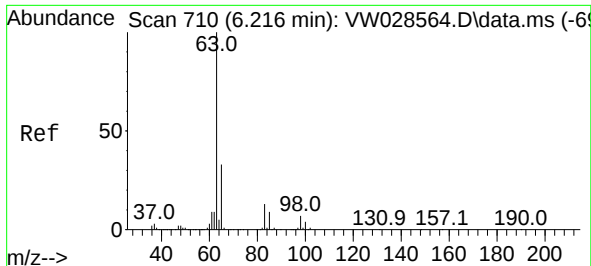
Ion Ratio Lower Upper

73 100

43 25.4 19.2 28.8

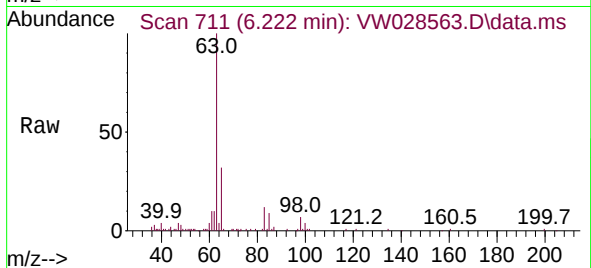
57 23.4 18.5 27.7



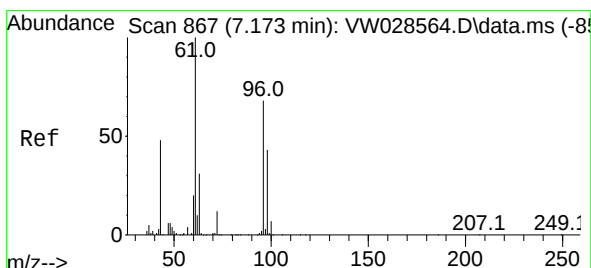
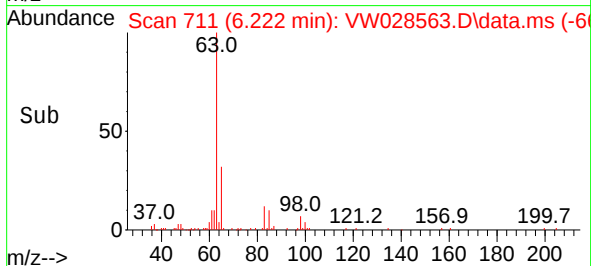
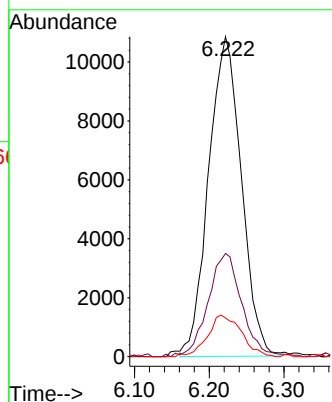


#19
 1,1-Dichloroethane
 Concen: 5.018 ug/L
 RT: 6.222 min Scan# 711
 Delta R.T. 0.006 min
 Lab File: VW028563.D
 Acq: 02 May 2024 10:36

Instrument :
 MSVOA_W
 ClientSampleId :

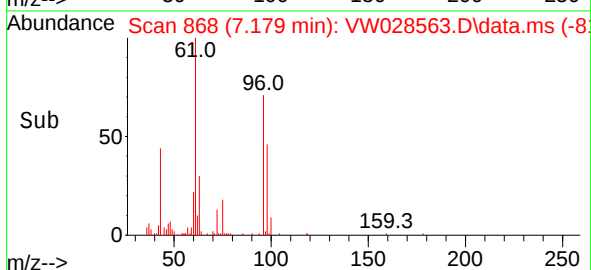
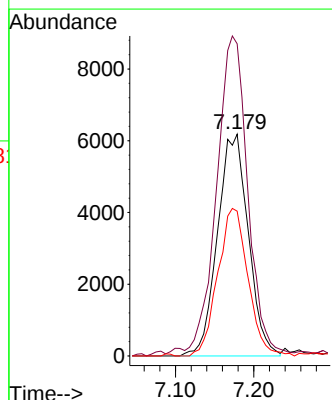
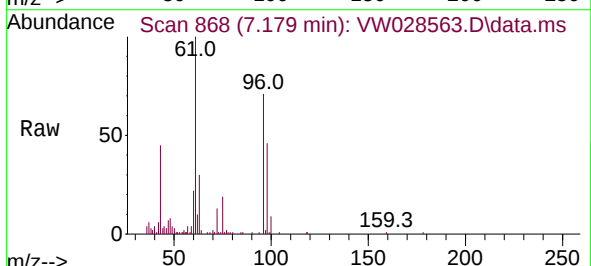


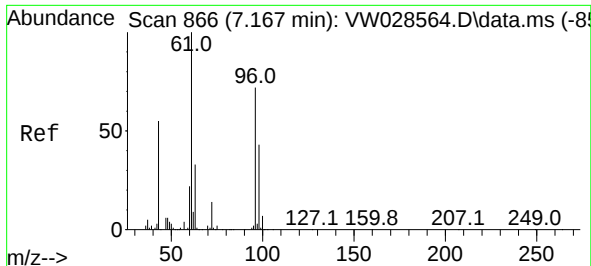
Tgt Ion: 63 Resp: 33031
 Ion Ratio Lower Upper
 63 100
 65 32.2 22.9 42.5
 83 12.1 9.0 16.8



#20
 cis-1,2-Dichloroethene
 Concen: 4.868 ug/L
 RT: 7.179 min Scan# 868
 Delta R.T. 0.006 min
 Lab File: VW028563.D
 Acq: 02 May 2024 10:36

Tgt Ion: 96 Resp: 16912
 Ion Ratio Lower Upper
 96 100
 61 140.8 102.8 191.0
 98 65.3 44.3 82.3





#22

2-Butanone

Concen: 8.425 ug/L

RT: 7.179 min Scan# 866

Delta R.T. 0.012 min

Lab File: VW028563.D

Acq: 02 May 2024 10:36

Instrument :

MSVOA_W

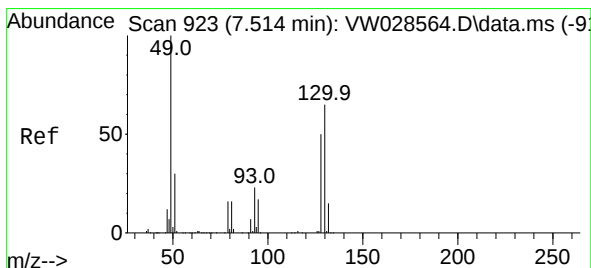
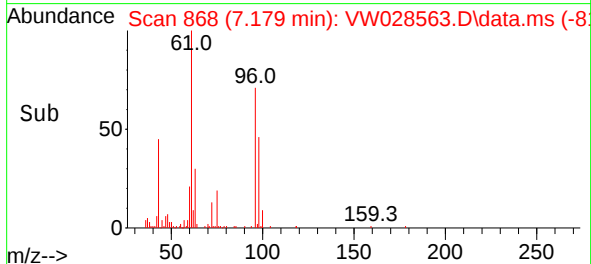
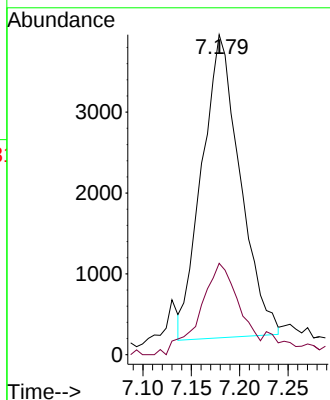
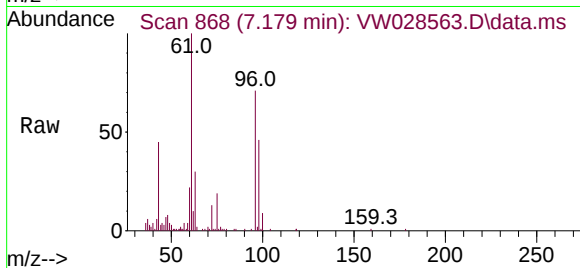
ClientSampleId :

Tgt Ion: 43 Resp: 10288

Ion Ratio Lower Upper

43 100

72 30.9 12.2 36.6



#23

Bromochloromethane

Concen: 5.173 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW028563.D

Acq: 02 May 2024 10:36

Tgt Ion: 128 Resp: 7839

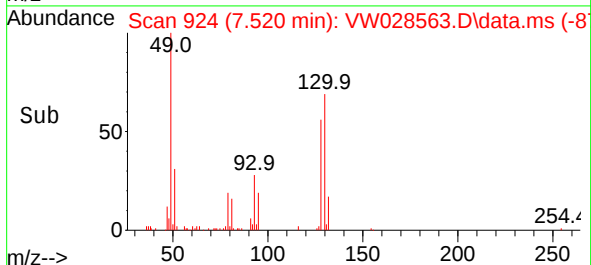
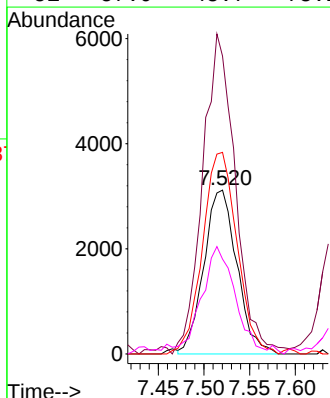
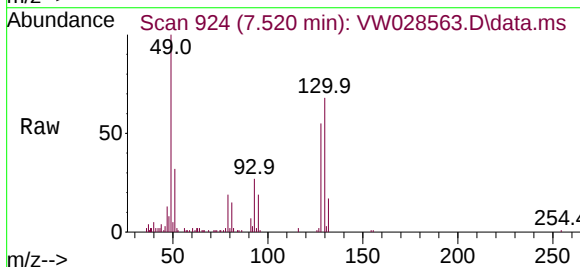
Ion Ratio Lower Upper

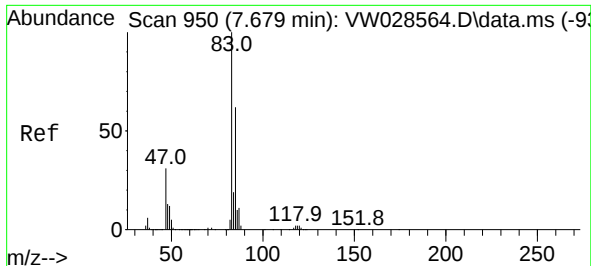
128 100

49 181.9 139.6 259.2

130 123.1 91.2 169.4

51 57.9 48.7 73.1





#25

Chloroform

Concen: 5.117 ug/L

RT: 7.679 min Scan# 90

Delta R.T. -0.000 min

Lab File: VW028563.D

Acq: 02 May 2024 10:36

Instrument :

MSVOA_W

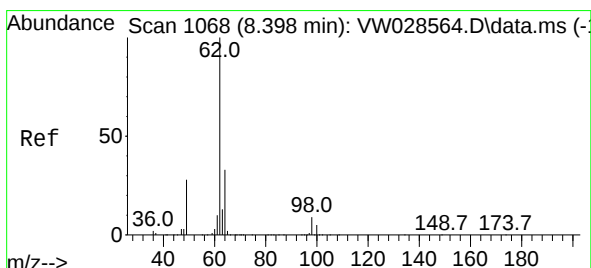
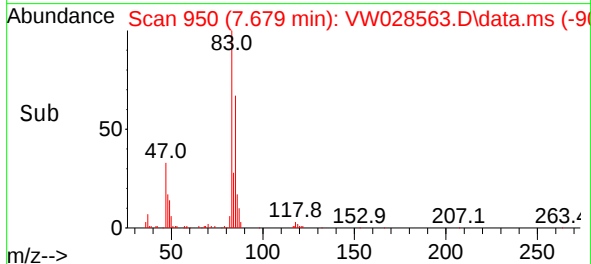
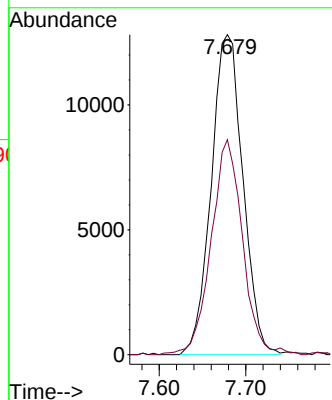
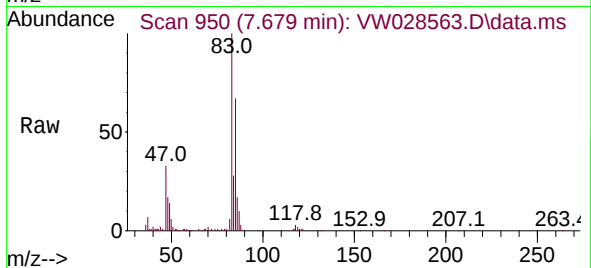
ClientSampleId :

Tgt Ion: 83 Resp: 32581

Ion Ratio Lower Upper

83 100

85 67.2 43.4 80.6



#27

1,2-Dichloroethane

Concen: 5.157 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW028563.D

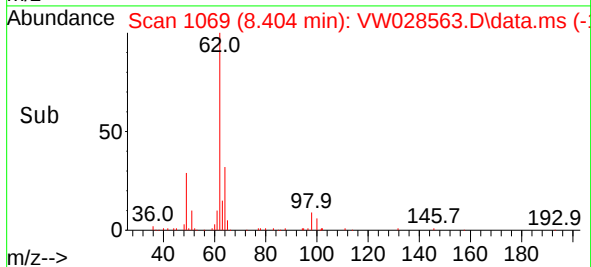
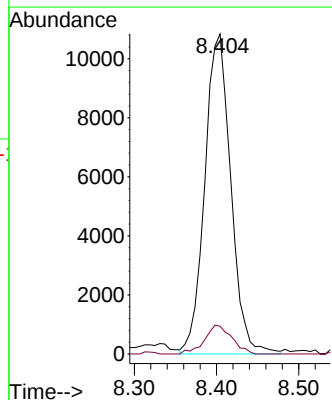
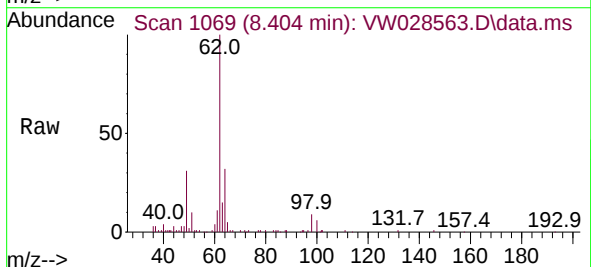
Acq: 02 May 2024 10:36

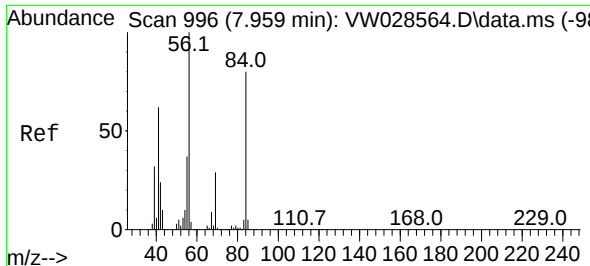
Tgt Ion: 62 Resp: 23867

Ion Ratio Lower Upper

62 100

98 8.6 7.0 10.6





#29

Cyclohexane

Concen: 4.540 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW028563.D

Acq: 02 May 2024 10:36

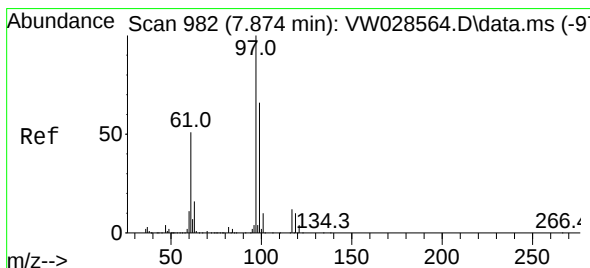
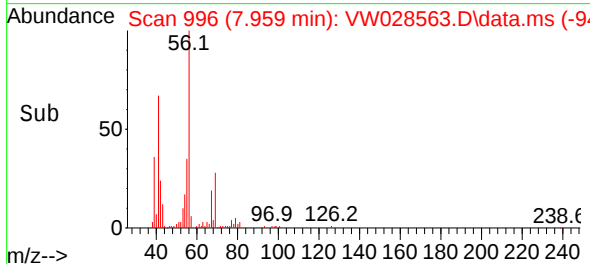
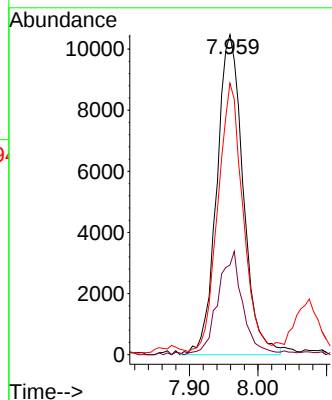
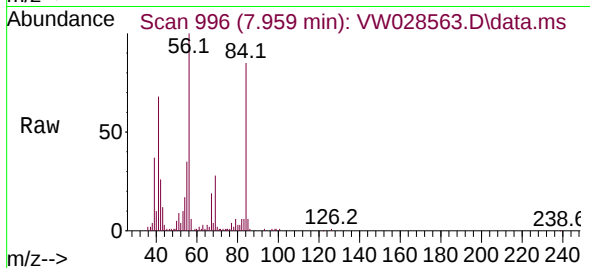
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 56 Resp: 27943

Ion	Ratio	Lower	Upper
56	100		
69	30.1	23.4	35.0
84	82.0	65.8	98.8



#30

1,1,1-Trichloroethane

Concen: 4.825 ug/L

RT: 7.868 min Scan# 981

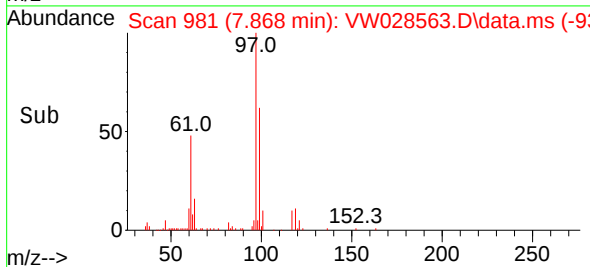
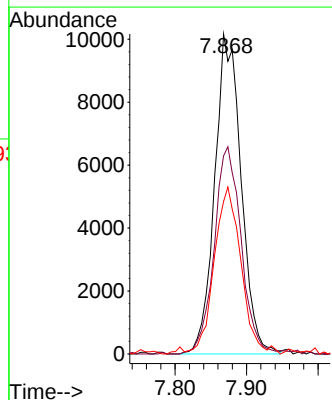
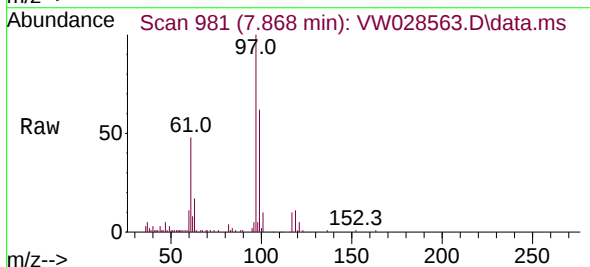
Delta R.T. -0.006 min

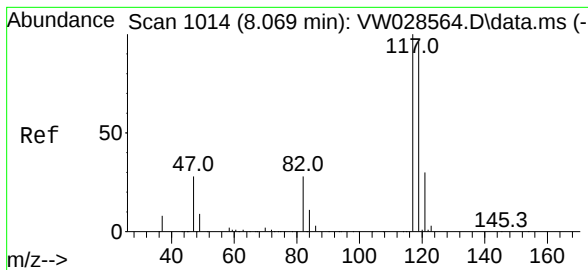
Lab File: VW028563.D

Acq: 02 May 2024 10:36

Tgt Ion: 97 Resp: 26103

Ion	Ratio	Lower	Upper
97	100		
99	65.9	50.9	76.3
61	52.3	41.0	61.6

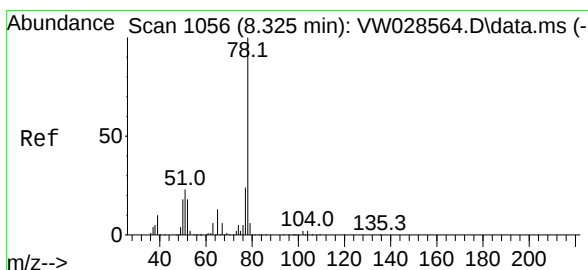
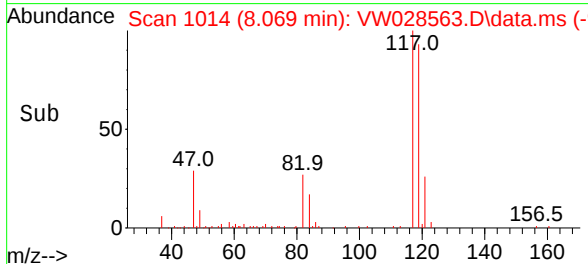
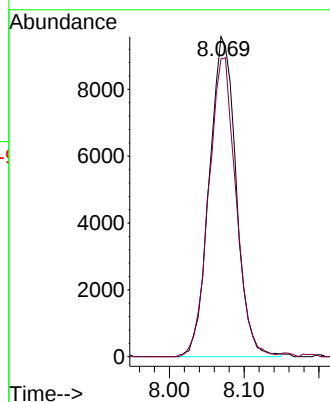
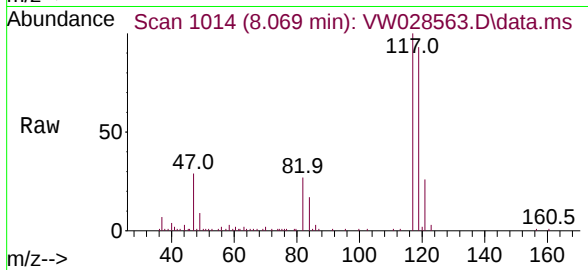




#31
Carbon tetrachloride
Concen: 4.834 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW028563.D
Acq: 02 May 2024 10:36

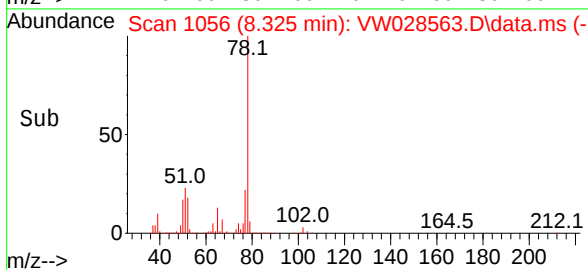
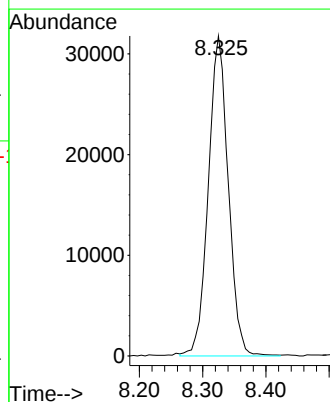
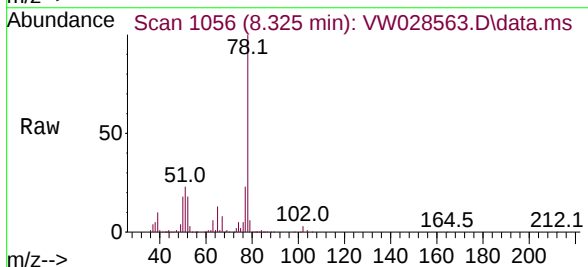
Instrument :
MSVOA_W
ClientSampleId :

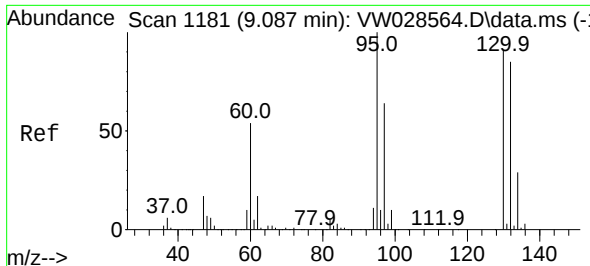
Tgt Ion:117 Resp: 23842
Ion Ratio Lower Upper
117 100
119 94.8 77.2 115.8



#33
Benzene
Concen: 4.975 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028563.D
Acq: 02 May 2024 10:36

Tgt Ion: 78 Resp: 69642





#34

Trichloroethene

Concen: 4.997 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

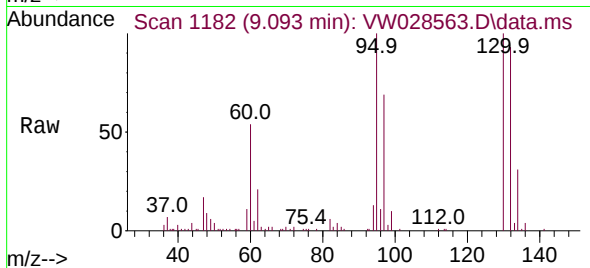
Lab File: VW028563.D

Acq: 02 May 2024 10:36

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 18756

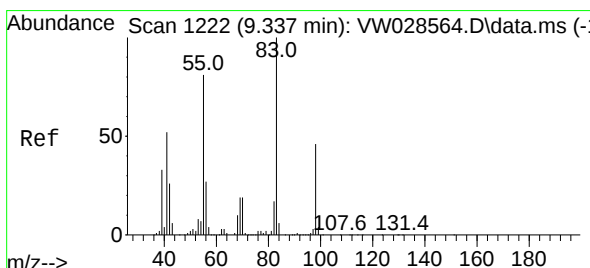
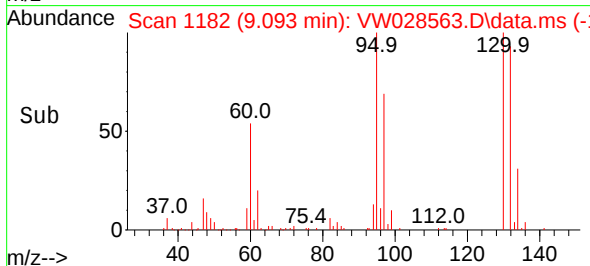
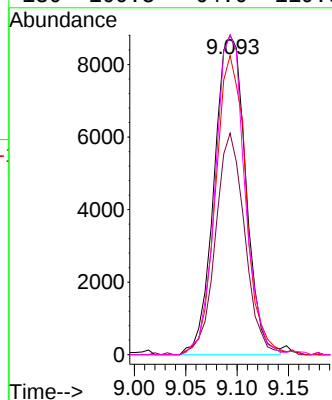
Ion Ratio Lower Upper

95 100

97 69.4 44.9 83.3

132 93.7 59.7 110.9

130 100.3 64.0 119.0



#35

Methylcyclohexane

Concen: 4.526 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW028563.D

Acq: 02 May 2024 10:36

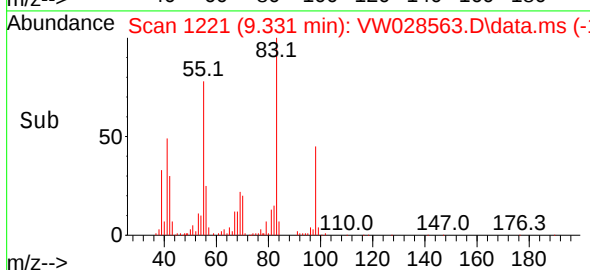
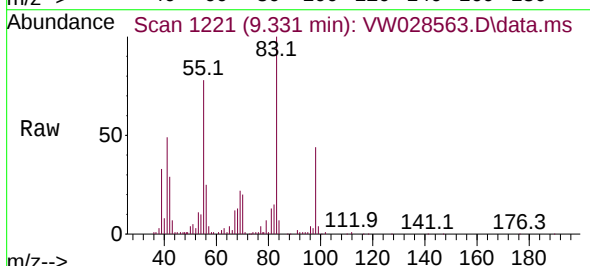
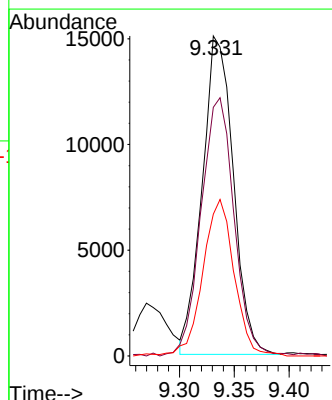
Tgt Ion: 83 Resp: 29685

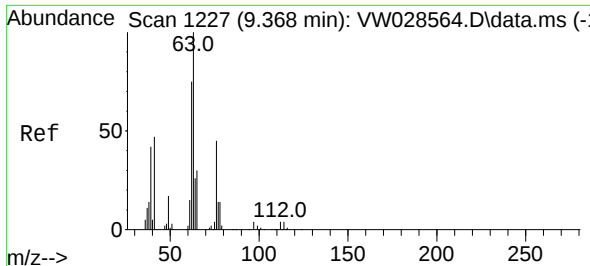
Ion Ratio Lower Upper

83 100

55 86.0 66.9 100.3

98 49.6 37.9 56.9





#37

1,2-Dichloropropane

Concen: 5.098 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028563.D

Acq: 02 May 2024 10:36

Instrument :

MSVOA_W

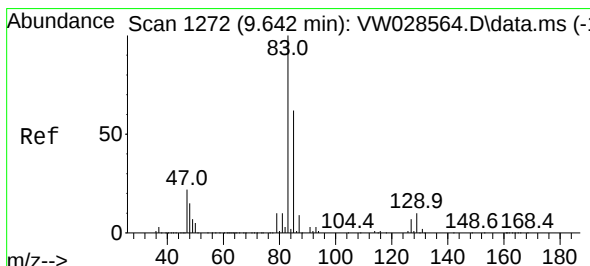
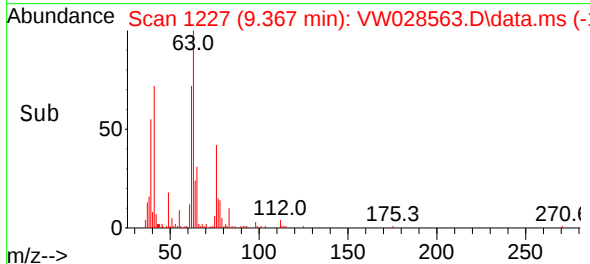
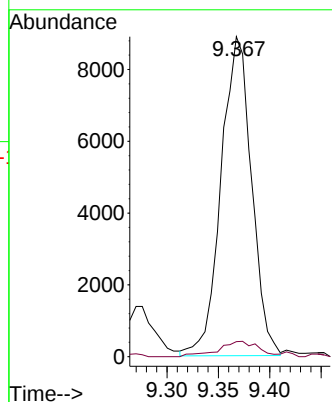
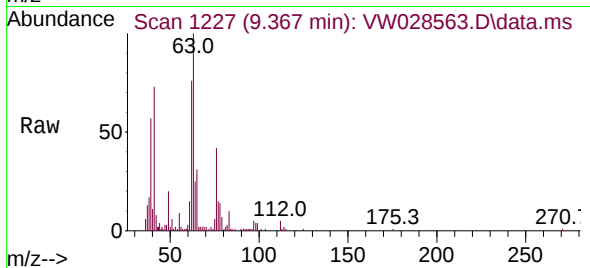
ClientSampleId :

Tgt Ion: 63 Resp: 18358

Ion Ratio Lower Upper

63 100

112 4.1 3.5 5.3



#38

Bromodichloromethane

Concen: 4.878 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW028563.D

Acq: 02 May 2024 10:36

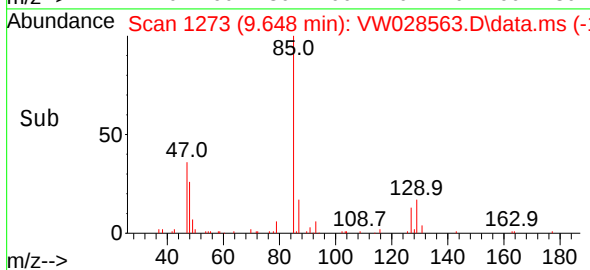
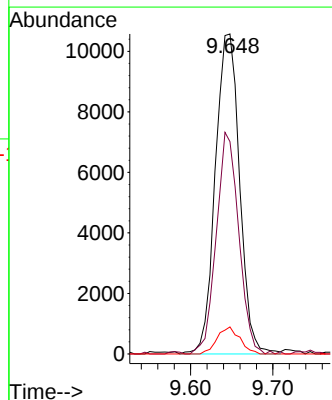
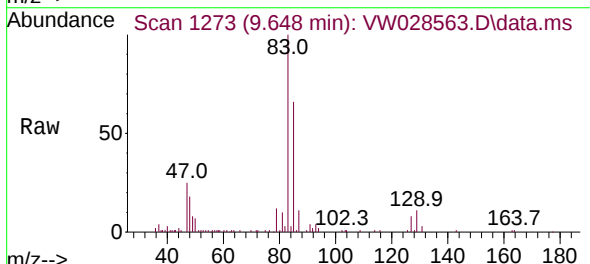
Tgt Ion: 83 Resp: 21690

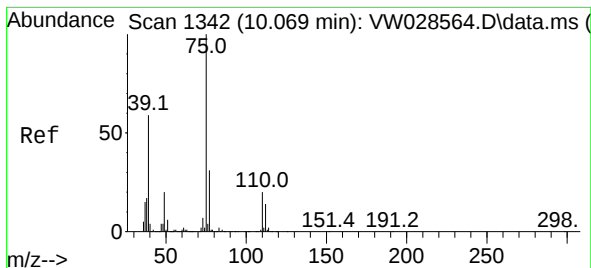
Ion Ratio Lower Upper

83 100

85 66.4 43.0 80.0

127 8.4 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 4.695 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW028563.D

Acq: 02 May 2024 10:36

Instrument :

MSVOA_W

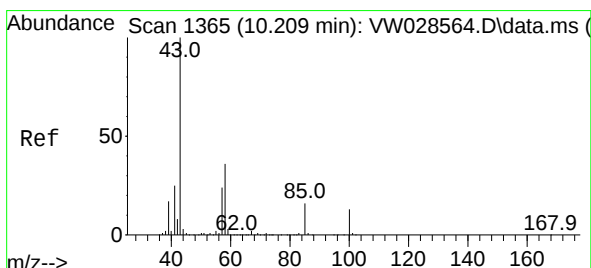
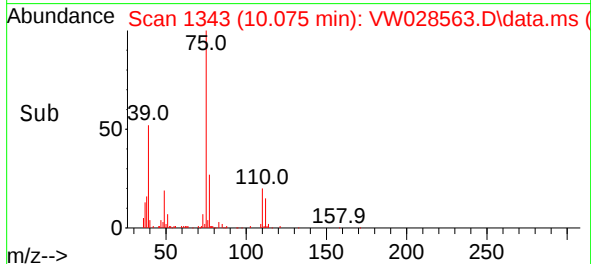
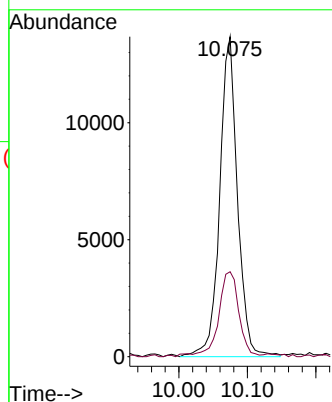
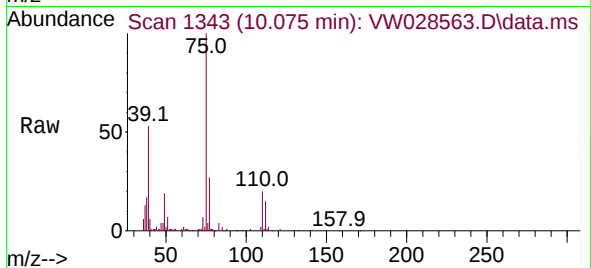
ClientSampleId :

Tgt Ion: 75 Resp: 24547

Ion Ratio Lower Upper

75 100

77 26.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 9.555 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028563.D

Acq: 02 May 2024 10:36

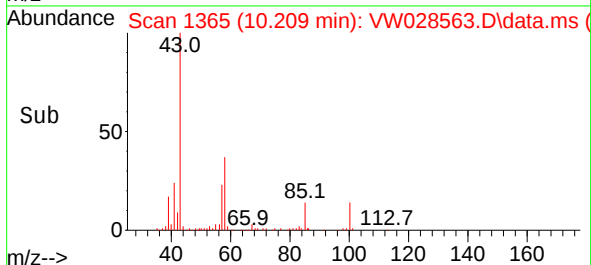
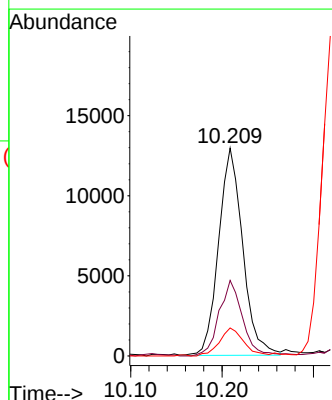
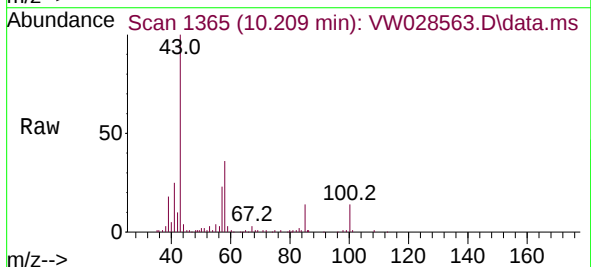
Tgt Ion: 43 Resp: 23721

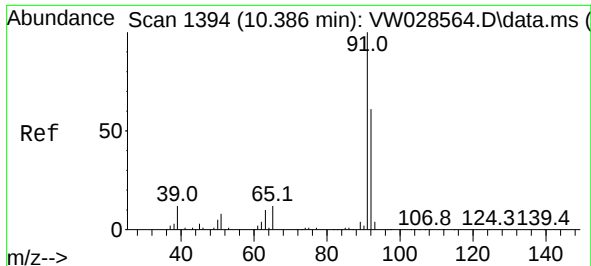
Ion Ratio Lower Upper

43 100

58 35.3 29.2 43.8

100 13.6 11.0 16.4





#42

Toluene

Concen: 4.836 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028563.D

Acq: 02 May 2024 10:36

Instrument :

MSVOA_W

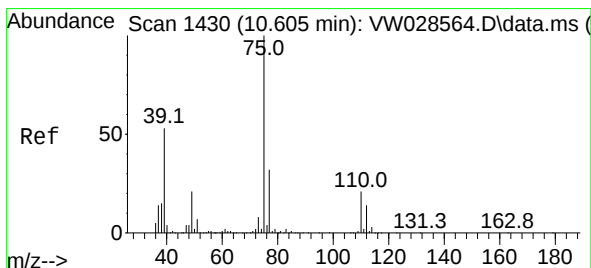
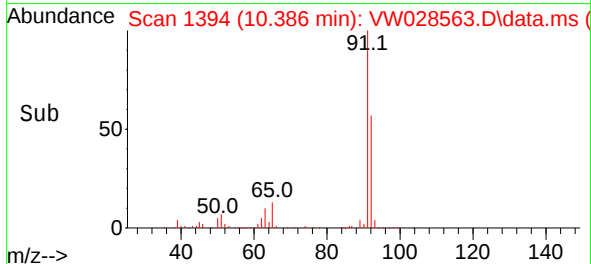
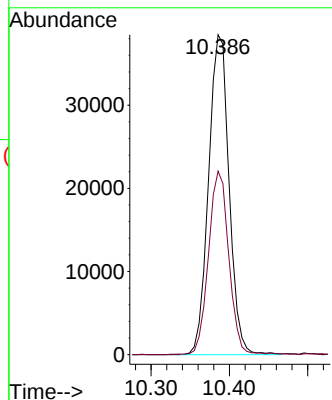
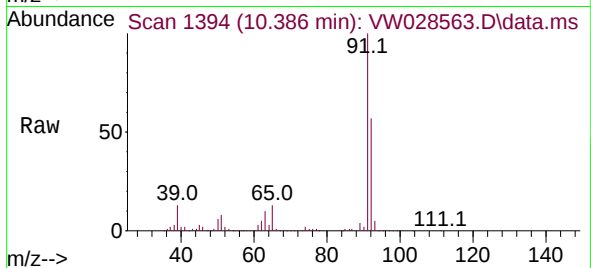
ClientSampleId :

Tgt Ion: 91 Resp: 69924

Ion Ratio Lower Upper

91 100

92 57.4 42.5 78.9



#44

trans-1,3-Dichloropropene

Concen: 4.656 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028563.D

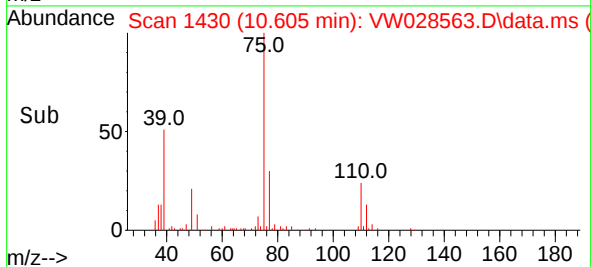
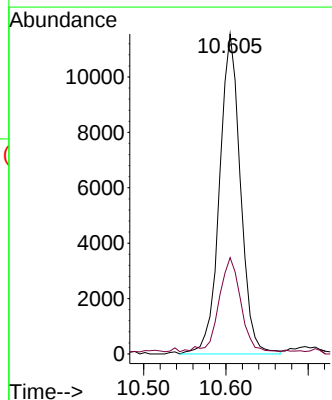
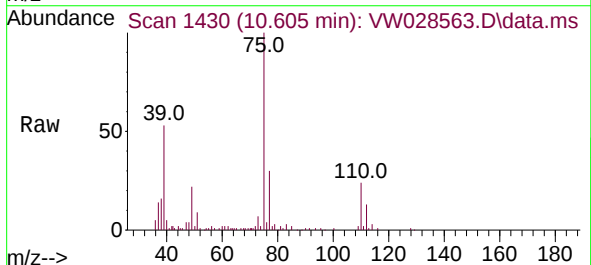
Acq: 02 May 2024 10:36

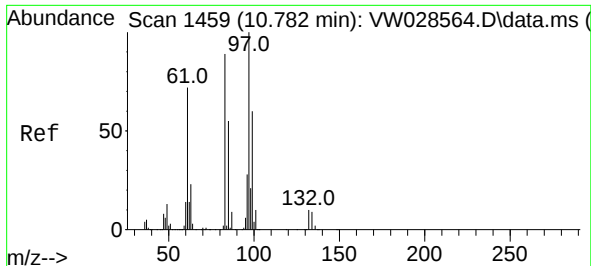
Tgt Ion: 75 Resp: 20522

Ion Ratio Lower Upper

75 100

77 30.1 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 5.144 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

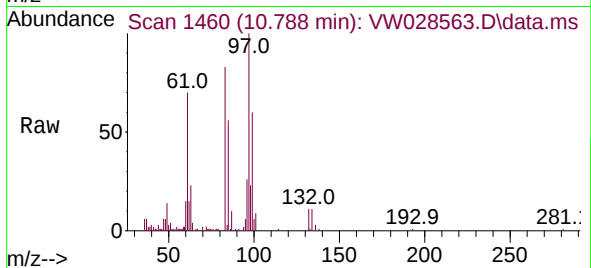
Lab File: VW028563.D

Acq: 02 May 2024 10:36

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 13593

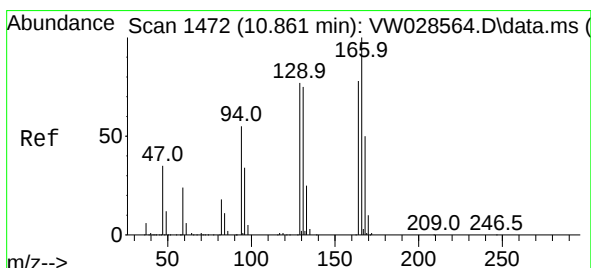
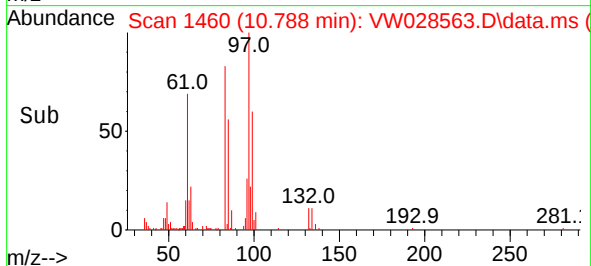
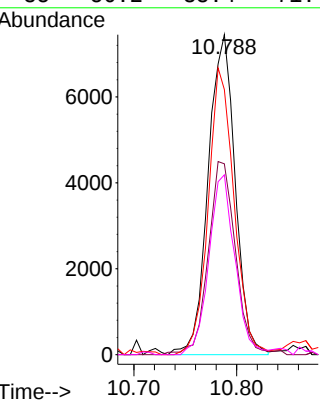
Ion Ratio Lower Upper

97 100

99 59.6 41.9 77.9

83 82.8 62.1 115.3

85 56.2 38.4 71.4



#46

Tetrachloroethene

Concen: 4.658 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028563.D

Acq: 02 May 2024 10:36

Tgt Ion:164 Resp: 12596

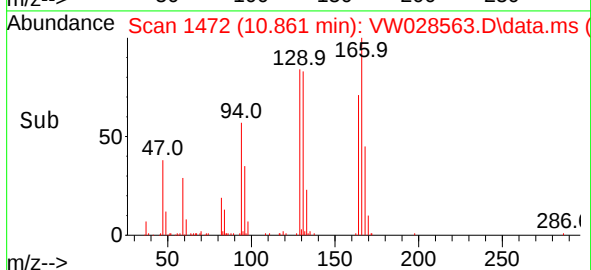
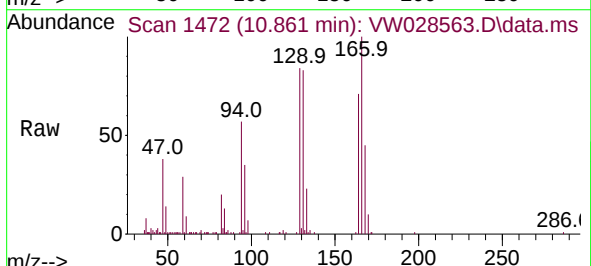
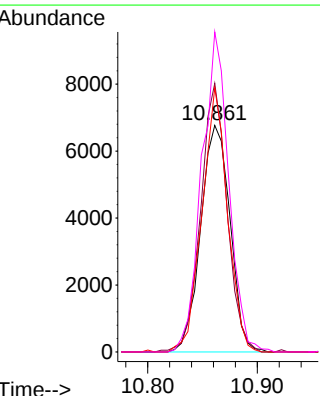
Ion Ratio Lower Upper

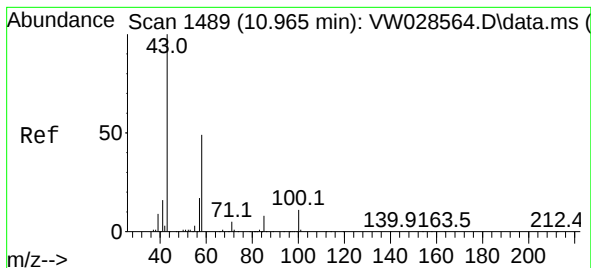
164 100

129 118.6 69.2 128.6

131 116.6 67.7 125.7

166 141.2 89.7 166.7

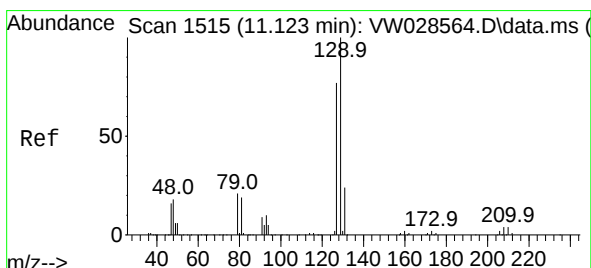
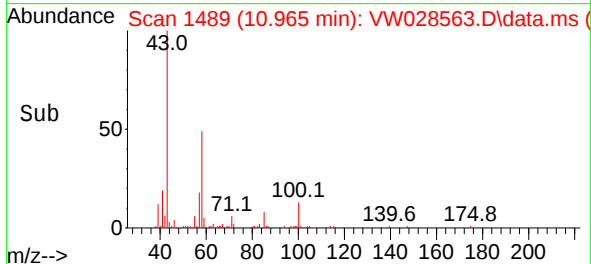
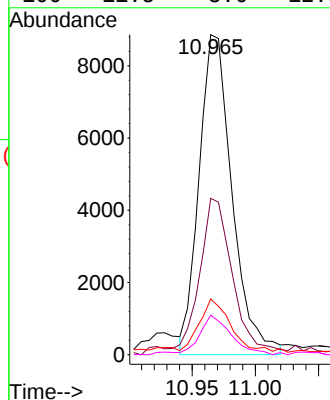
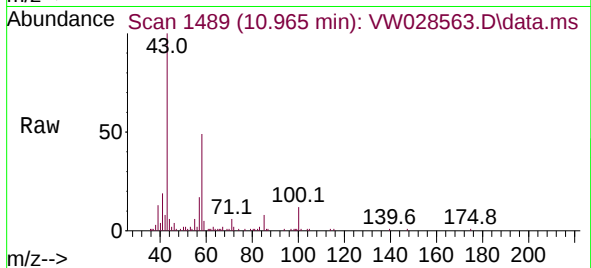




#48
2-Hexanone
Concen: 9.202 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028563.D
Acq: 02 May 2024 10:36

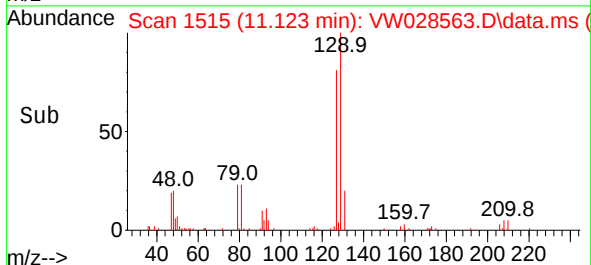
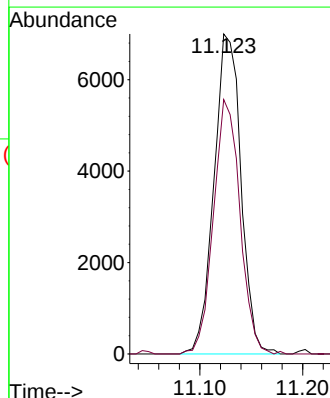
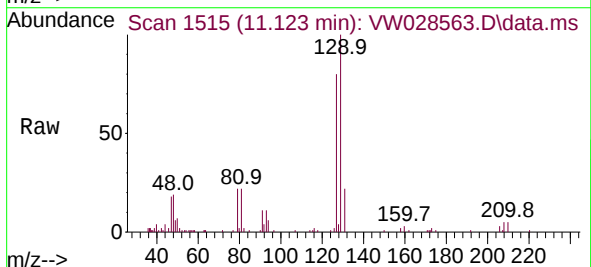
Instrument :
MSVOA_W
ClientSampleId :

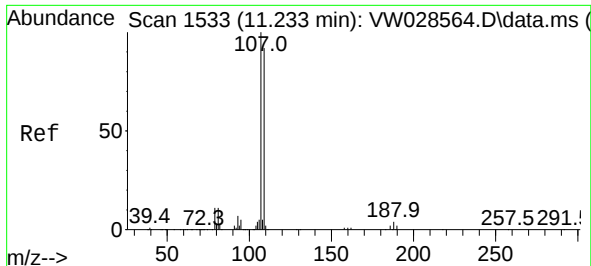
Tgt Ion:	43	Resp:	16128
Ion	Ratio	Lower	Upper
43	100		
58	48.3	41.0	61.4
57	15.3	14.8	22.2
100	11.5	8.6	12.8



#49
Dibromochloromethane
Concen: 4.816 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW028563.D
Acq: 02 May 2024 10:36

Tgt Ion:	129	Resp:	12765
Ion	Ratio	Lower	Upper
129	100		
127	79.5	54.3	100.8





#50

1,2-Dibromoethane

Concen: 5.054 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW028563.D

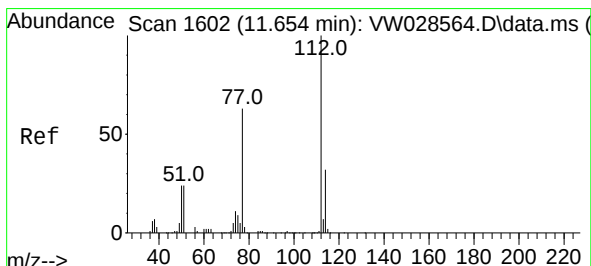
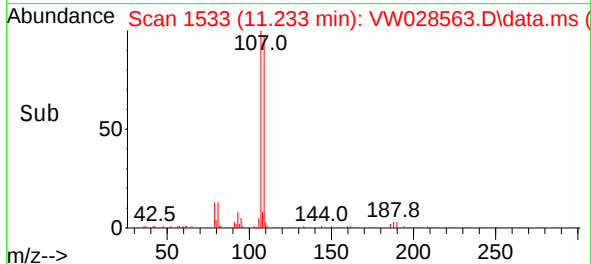
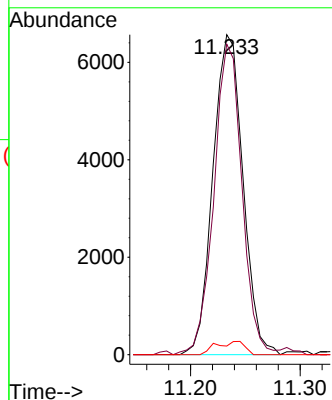
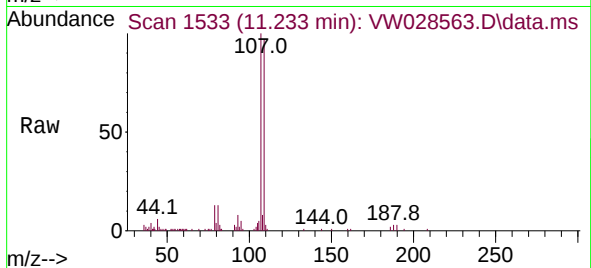
Acq: 02 May 2024 10:36

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	12509
Ion Ratio	Lower	Upper
107	100	
109	97.0	64.2 119.2
188	2.7	3.1 4.7#



#51

Chlorobenzene

Concen: 4.998 ug/L

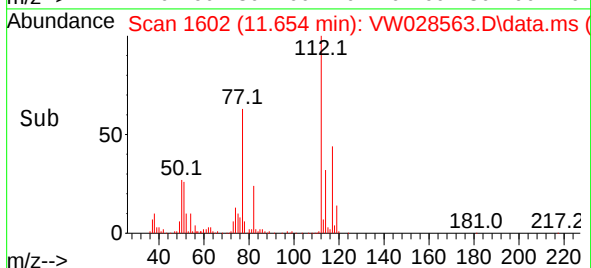
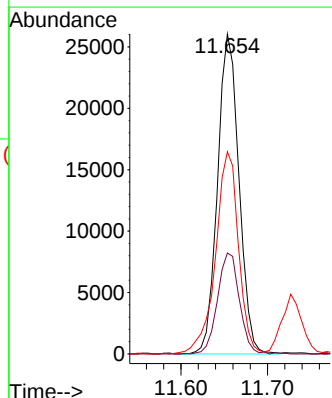
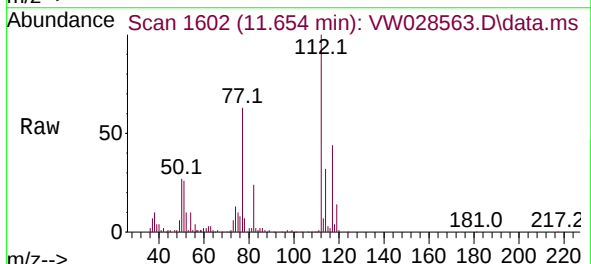
RT: 11.654 min Scan# 1602

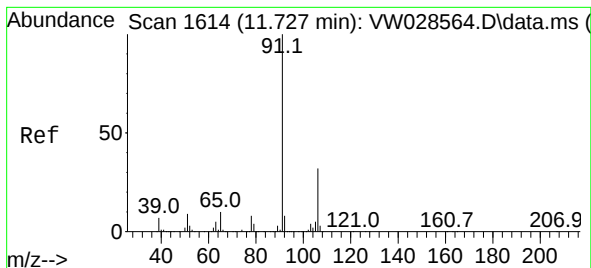
Delta R.T. -0.000 min

Lab File: VW028563.D

Acq: 02 May 2024 10:36

Tgt Ion:112	Resp:	44698
Ion Ratio	Lower	Upper
112	100	
114	31.6	22.2 41.2
77	63.2	50.8 76.2

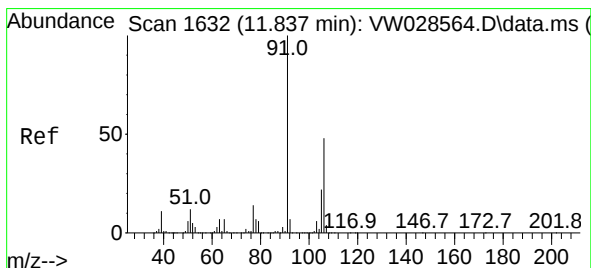
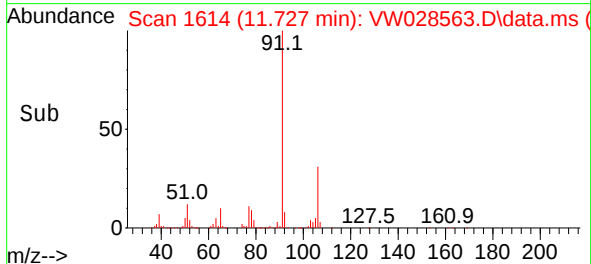
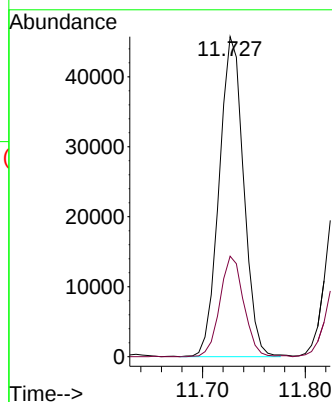
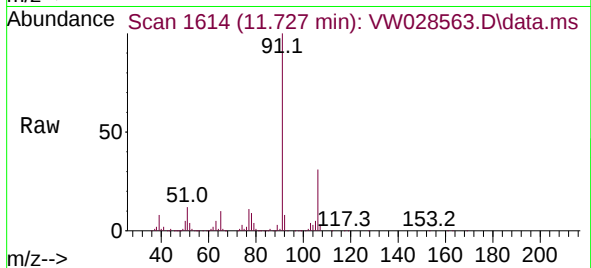




#52
Ethylbenzene
Concen: 4.621 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW028563.D
Acq: 02 May 2024 10:36

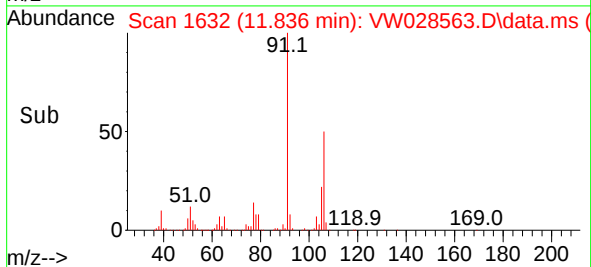
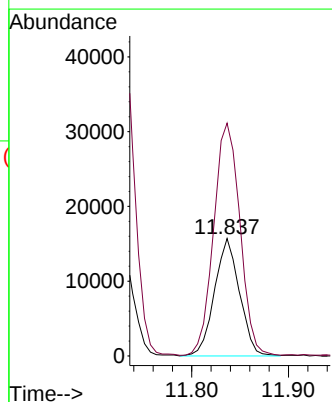
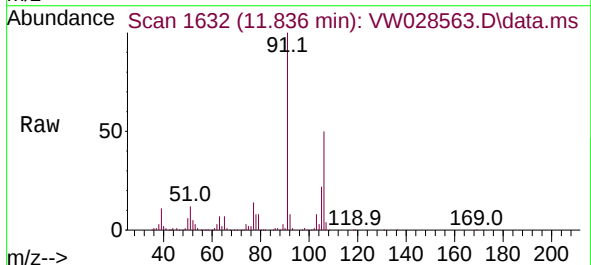
Instrument :
MSVOA_W
ClientSampleId :

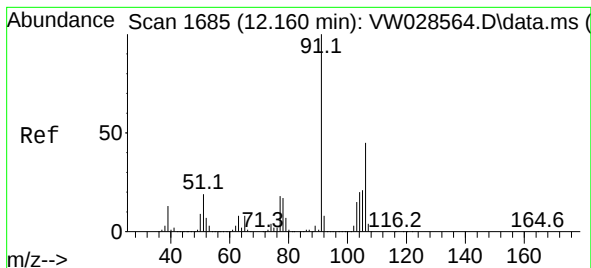
Tgt Ion: 91 Resp: 75612
Ion Ratio Lower Upper
91 100
106 31.4 22.7 42.1



#53
m,p-Xylene
Concen: 4.711 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028563.D
Acq: 02 May 2024 10:36

Tgt Ion:106 Resp: 28252
Ion Ratio Lower Upper
106 100
91 198.2 146.6 272.2





#54

o-Xylene

Concen: 4.612 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028563.D

Acq: 02 May 2024 10:36

Instrument :

MSVOA_W

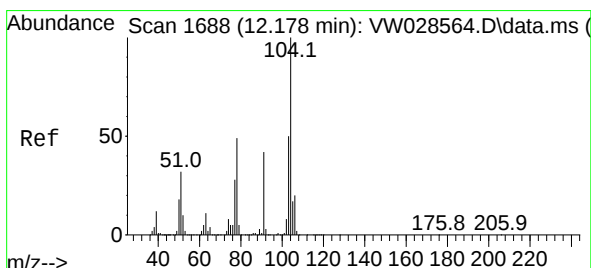
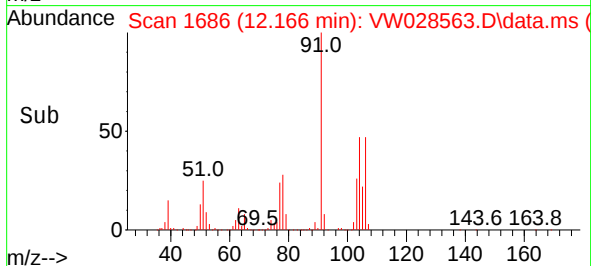
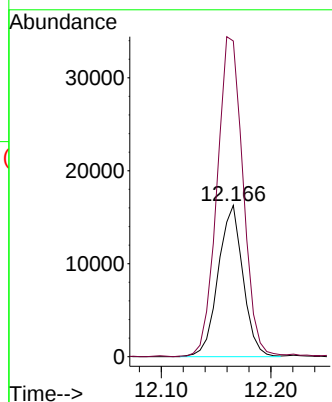
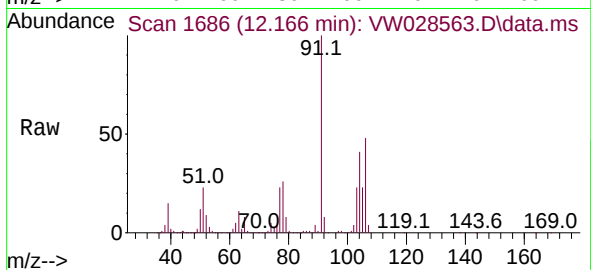
ClientSampleId :

Tgt Ion:106 Resp: 25589

Ion Ratio Lower Upper

106 100

91 208.6 154.3 286.5



#55

Styrene

Concen: 4.602 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028563.D

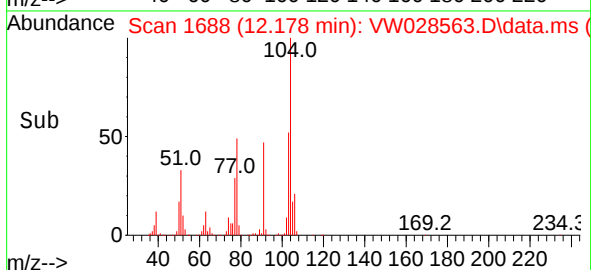
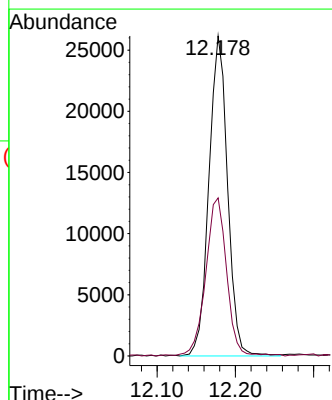
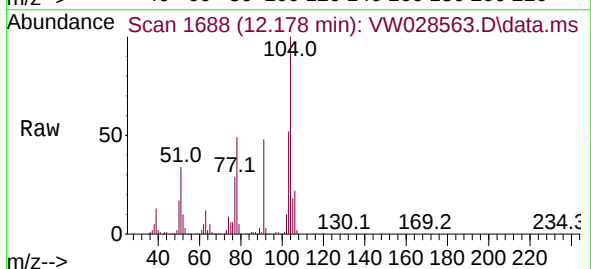
Acq: 02 May 2024 10:36

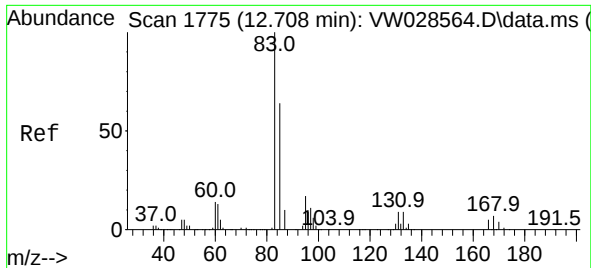
Tgt Ion:104 Resp: 43268

Ion Ratio Lower Upper

104 100

78 49.4 34.1 63.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.037 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW028563.D

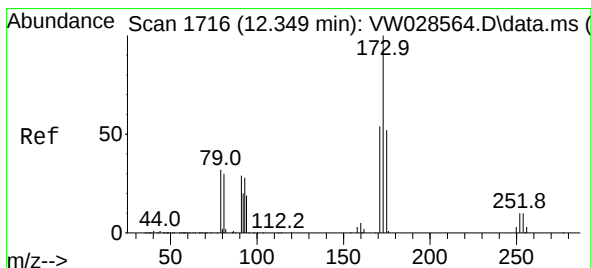
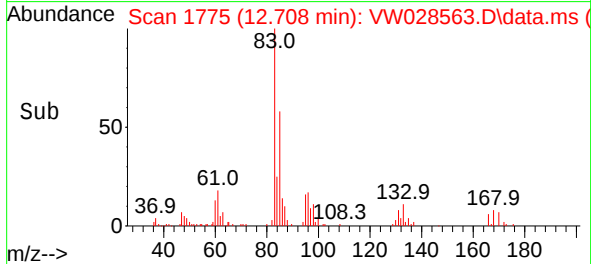
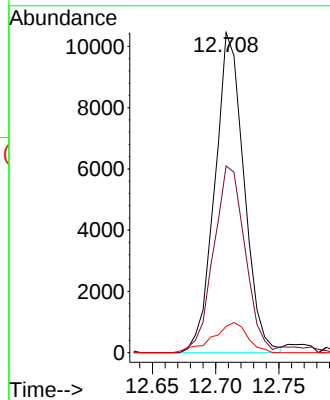
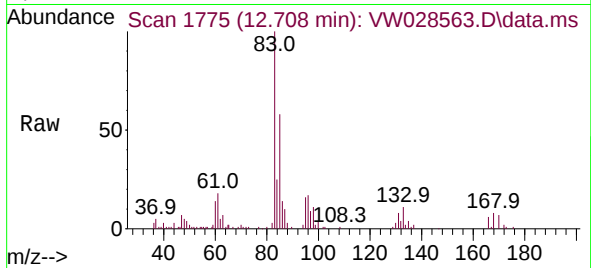
Acq: 02 May 2024 10:36

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	16697
Ion	Ratio	Lower	Upper
83	100		
85	58.4	45.6	84.6
131	8.2	7.3	10.9



#59

Bromoform

Concen: 4.701 ug/L

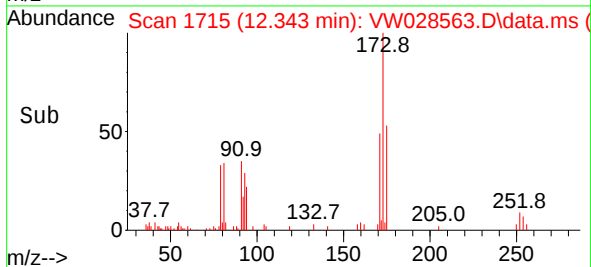
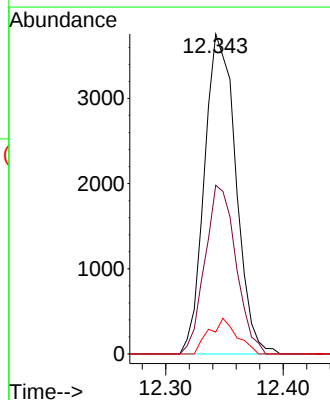
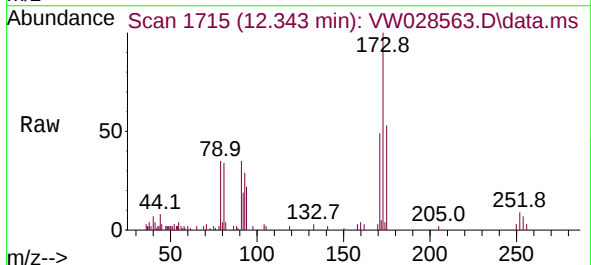
RT: 12.343 min Scan# 1715

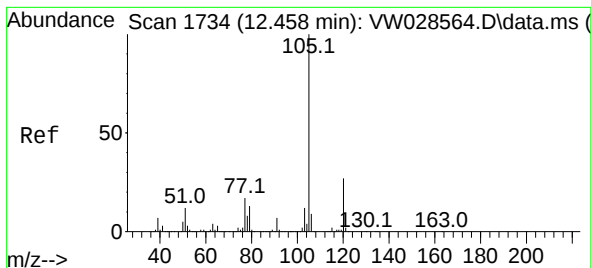
Delta R.T. -0.006 min

Lab File: VW028563.D

Acq: 02 May 2024 10:36

Tgt Ion:	173	Resp:	6978
Ion	Ratio	Lower	Upper
173	100		
175	52.1	39.8	59.8
254	9.8	7.1	10.7





#60

Isopropylbenzene

Concen: 4.824 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028563.D

Acq: 02 May 2024 10:36

Instrument :

MSVOA_W

ClientSampleId :

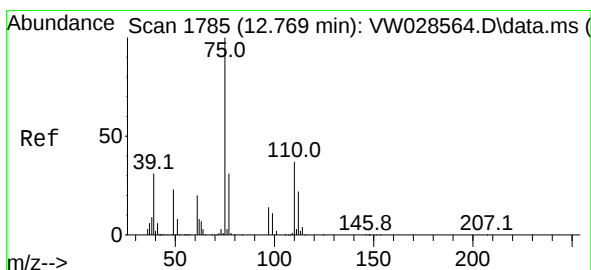
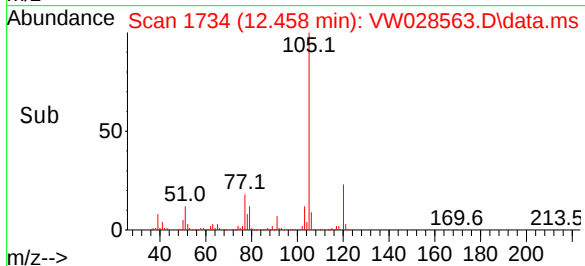
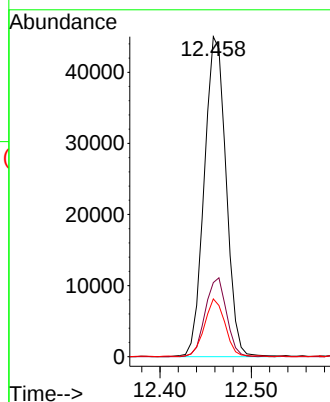
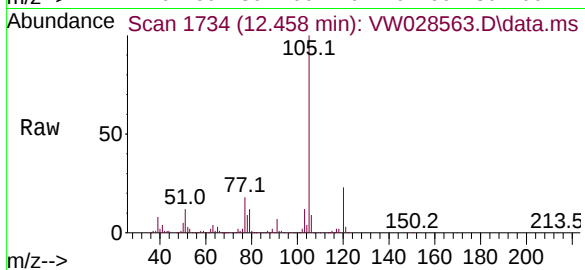
Tgt Ion:105 Resp: 74471

Ion Ratio Lower Upper

105 100

120 24.0 20.5 30.7

77 17.1 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 5.082 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW028563.D

Acq: 02 May 2024 10:36

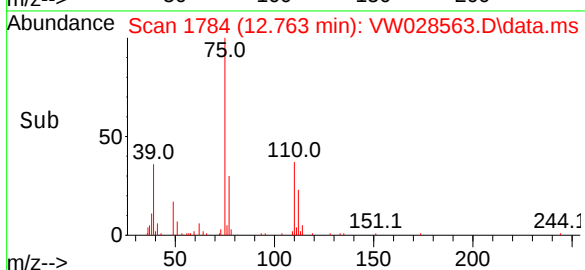
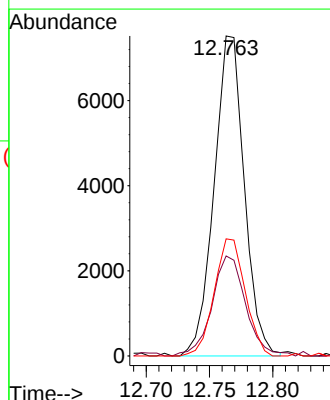
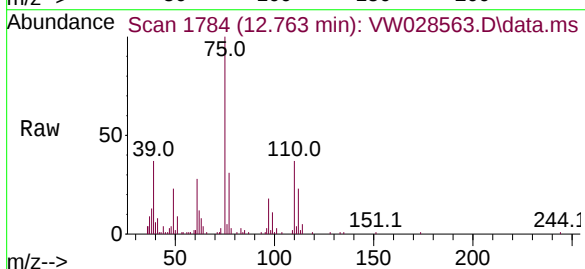
Tgt Ion: 75 Resp: 12497

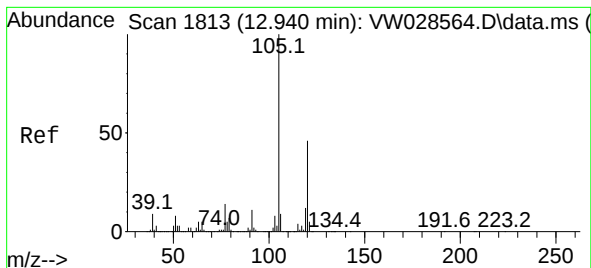
Ion Ratio Lower Upper

75 100

77 34.5 25.9 38.9

110 37.4 30.6 45.8





#62

1,3,5-Trimethylbenzene

Concen: 4.445 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW028563.D

Acq: 02 May 2024 10:36

Instrument :

MSVOA_W

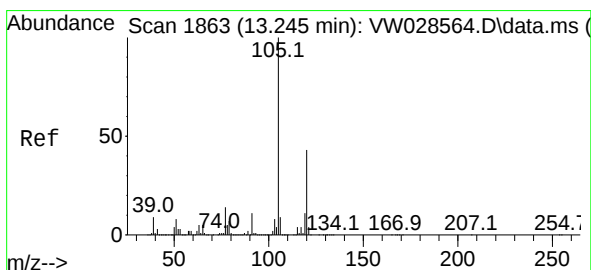
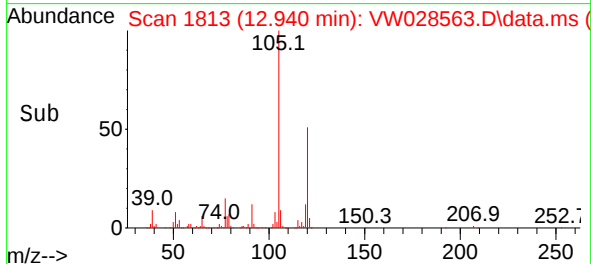
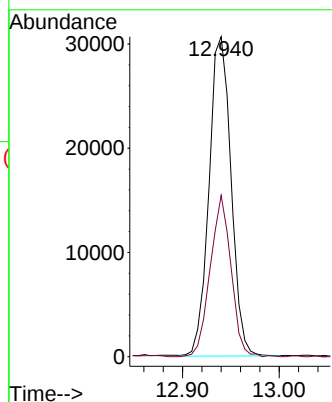
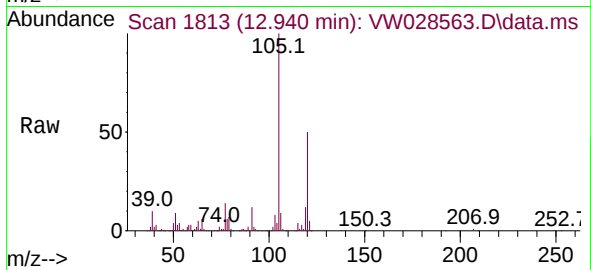
ClientSampleId :

Tgt Ion:105 Resp: 48544

Ion Ratio Lower Upper

105 100

120 47.4 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 4.554 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW028563.D

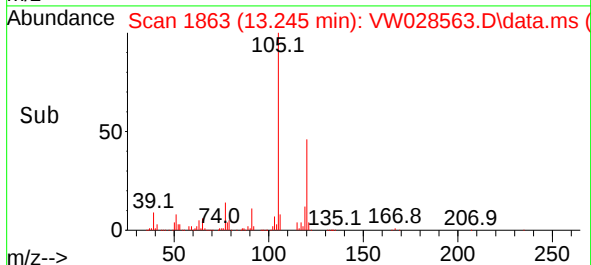
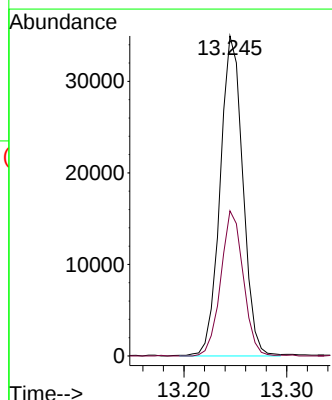
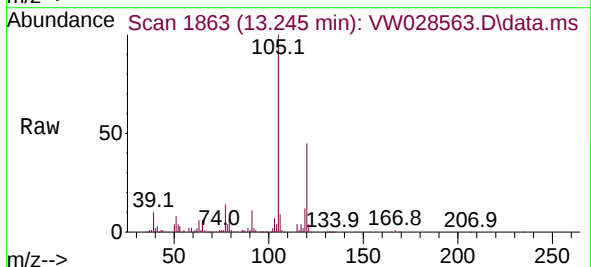
Acq: 02 May 2024 10:36

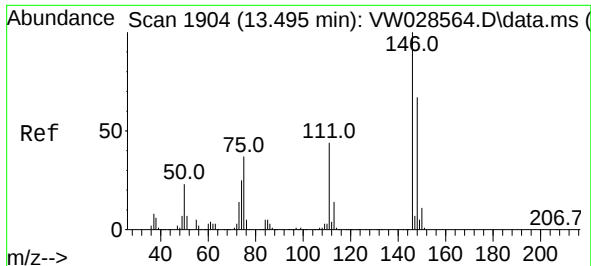
Tgt Ion:105 Resp: 53592

Ion Ratio Lower Upper

105 100

120 44.7 34.1 51.1





#64

1,3-Dichlorobenzene

Concen: 4.839 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028563.D

Acq: 02 May 2024 10:36

Instrument :

MSVOA_W

ClientSampleId :

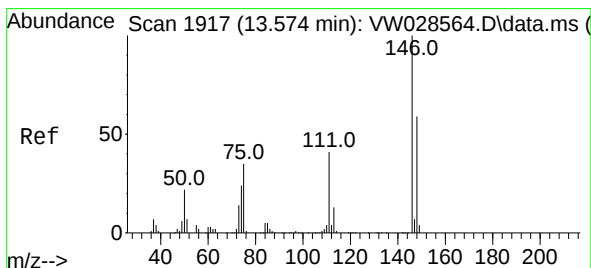
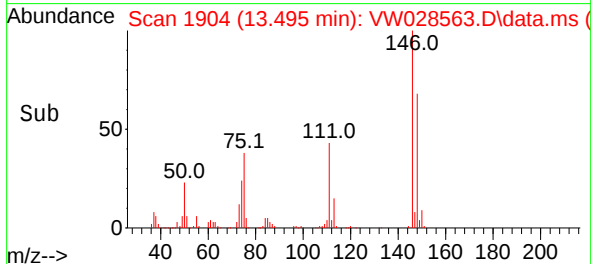
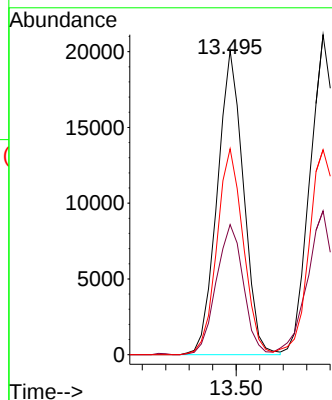
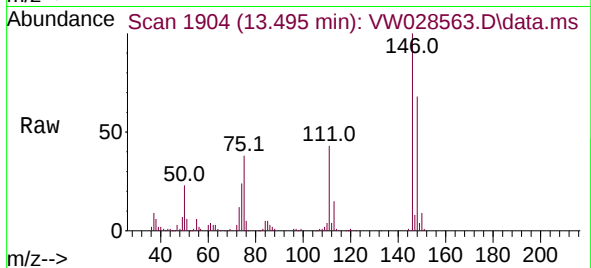
Tgt Ion:146 Resp: 31073

Ion Ratio Lower Upper

146 100

111 42.8 30.7 57.1

148 67.7 47.0 87.2



#65

1,4-Dichlorobenzene

Concen: 5.069 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028563.D

Acq: 02 May 2024 10:36

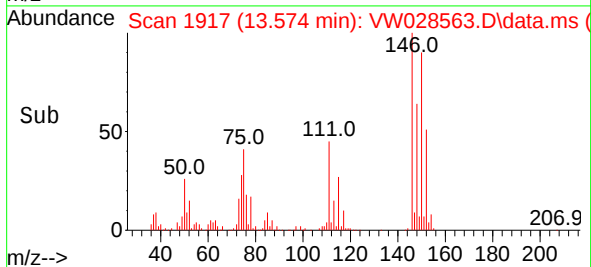
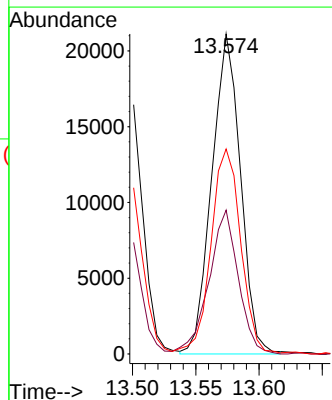
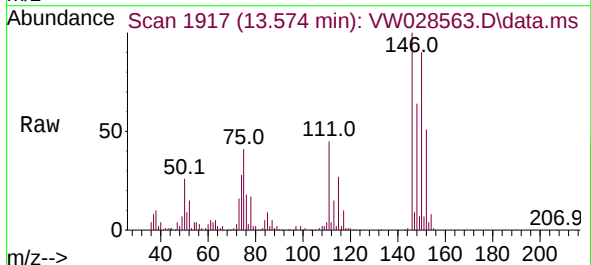
Tgt Ion:146 Resp: 33277

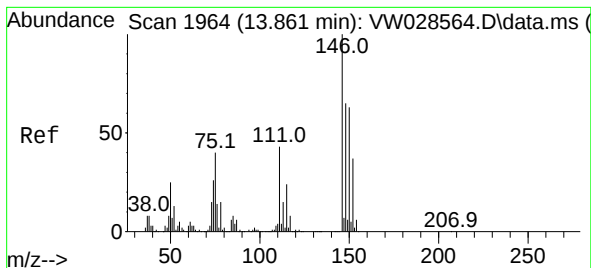
Ion Ratio Lower Upper

146 100

111 44.9 29.1 54.1

148 64.1 41.2 76.6





#67

1,2-Dichlorobenzene

Concen: 5.053 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW028563.D

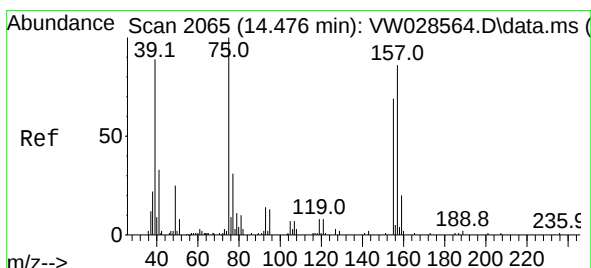
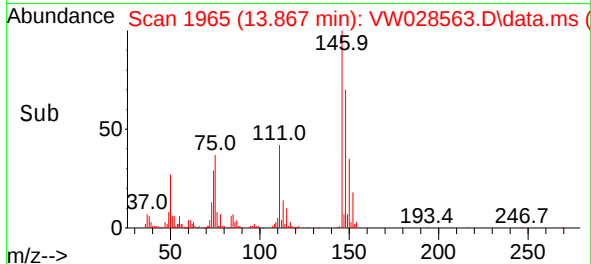
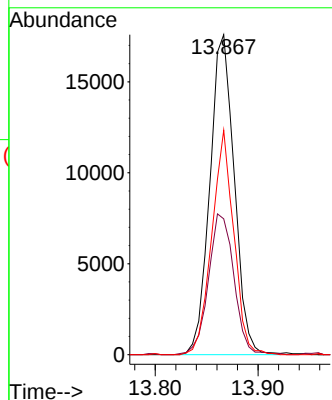
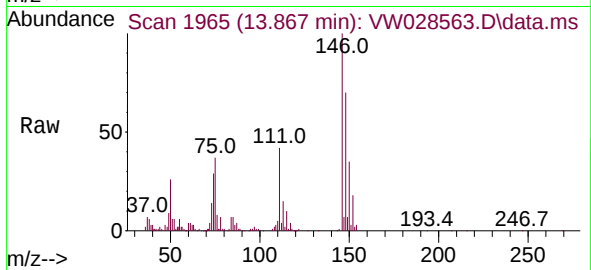
Acq: 02 May 2024 10:36

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:146	Resp:	29043
Ion	Ratio	Lower Upper
146	100	
111	42.4	34.7 52.1
148	70.2	51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.107 ug/L

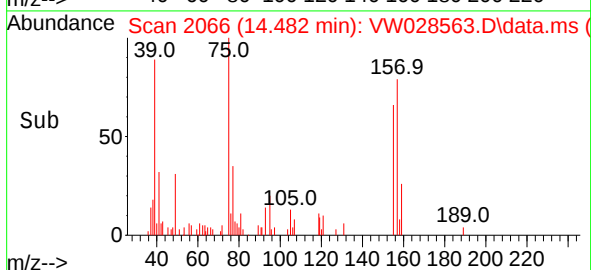
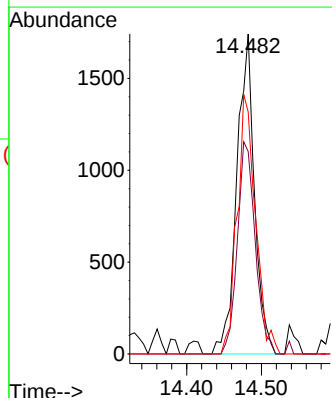
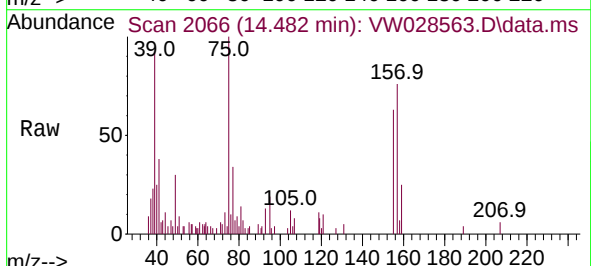
RT: 14.482 min Scan# 2066

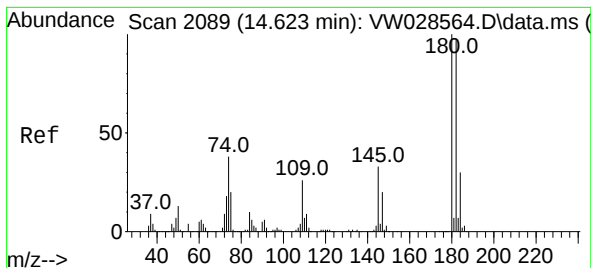
Delta R.T. 0.006 min

Lab File: VW028563.D

Acq: 02 May 2024 10:36

Tgt Ion: 75	Resp:	2936
Ion	Ratio	Lower Upper
75	100	
155	63.3	55.1 82.7
157	75.6	68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 4.881 ug/L

RT: 14.623 min Scan# 21034

Delta R.T. -0.000 min

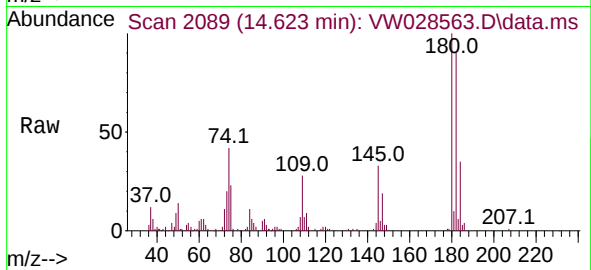
Lab File: VW028563.D

Acq: 02 May 2024 10:36

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 21034

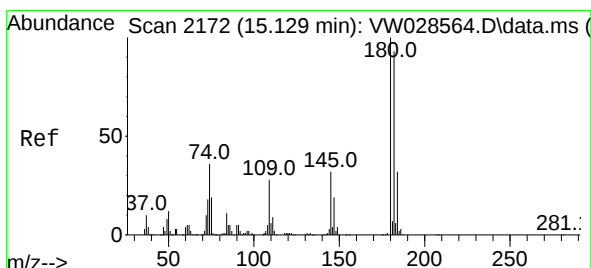
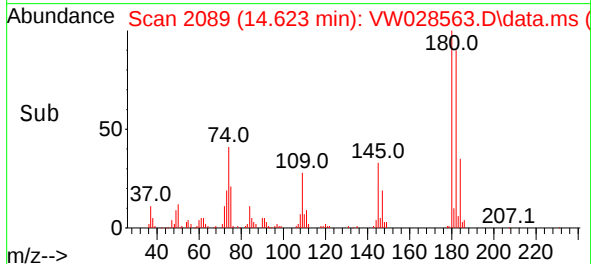
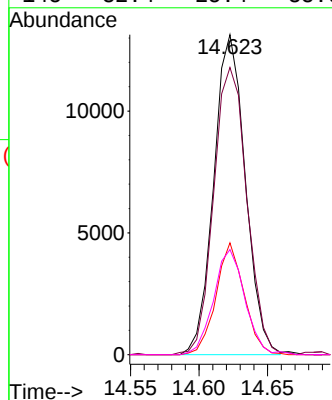
Ion Ratio Lower Upper

180 100

182 94.3 75.4 113.2

184 31.3 24.0 36.0

145 32.4 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 4.878 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028563.D

Acq: 02 May 2024 10:36

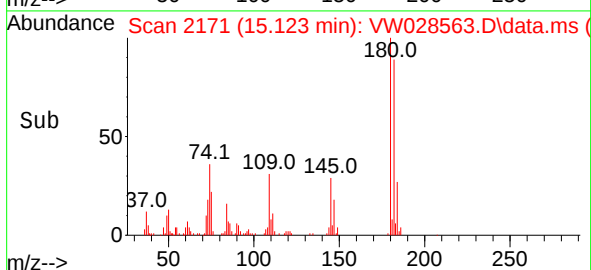
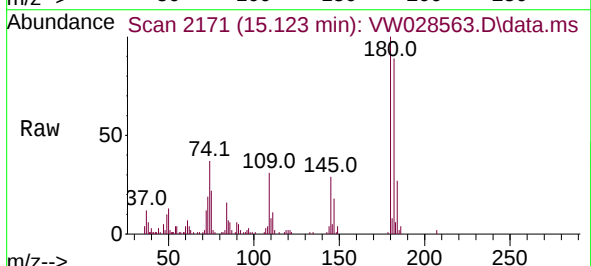
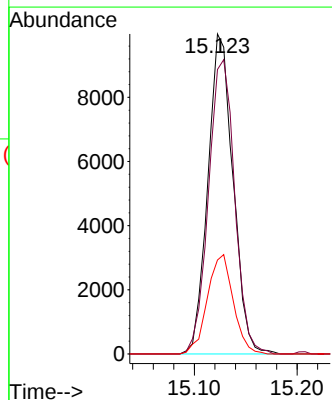
Tgt Ion:180 Resp: 16984

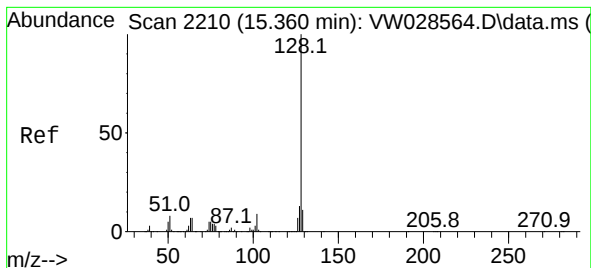
Ion Ratio Lower Upper

180 100

182 95.5 77.2 115.8

145 31.9 26.6 39.8





#71

Naphthalene

Concen: 4.392 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW028563.D

Acq: 02 May 2024 10:36

Instrument :

MSVOA_W

ClientSampleId :

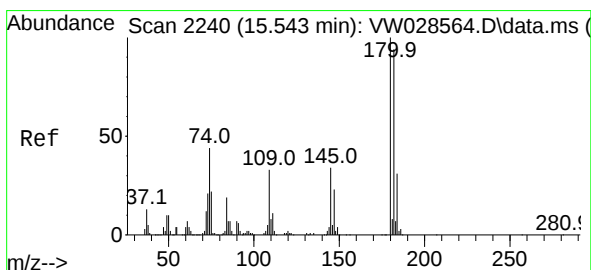
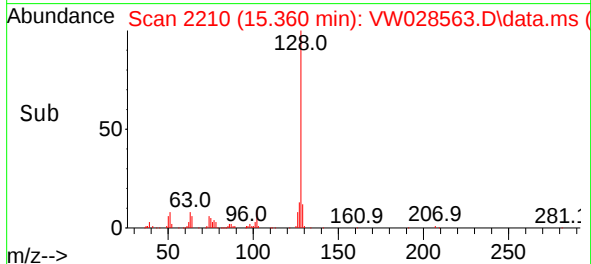
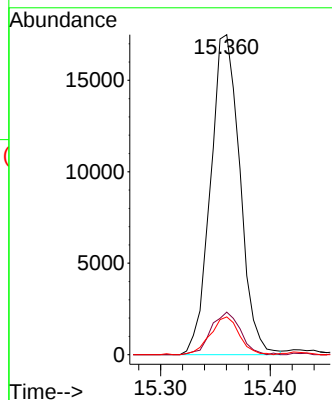
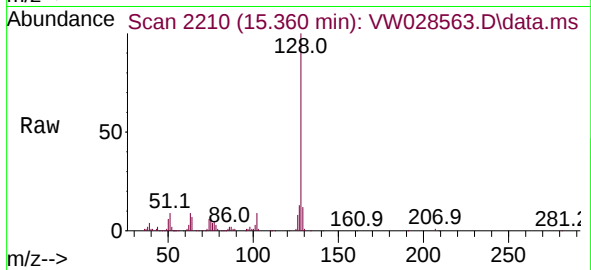
Tgt Ion:128 Resp: 32576

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 11.6 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 5.120 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW028563.D

Acq: 02 May 2024 10:36

Tgt Ion:180 Resp: 16086

Ion Ratio Lower Upper

180 100

182 88.4 76.1 114.1

145 34.9 28.3 42.5

