

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050224\
 Data File : VW028564.D
 Acq On : 02 May 2024 11:00
 Operator : SY/MD
 Sample : VSTD025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 03 02:41:35 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	254203	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	226862	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	107786	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	124834	25.861	ug/L	0.00
7) Chloroethane-d5	2.899	69	95102	25.730	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.027	65	51608	25.589	ug/L	0.00
21) 2-Butanone-d5	7.075	46	63585	54.044	ug/L	0.00
24) Chloroform-d	7.648	84	201703	25.394	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	113310	24.917	ug/L	0.00
32) Benzene-d6	8.276	84	400090	26.433	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	117135	25.718	ug/L	0.00
41) Toluene-d8	10.325	98	358574	26.752	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.575	79	48407	26.419	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	42761	54.434	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	99757	26.120	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	108362	26.377	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	91706	24.825	ug/L	100
3) Chloromethane	2.223	50	112321	24.543	ug/L	100
5) Vinyl chloride	2.375	62	126325	24.518	ug/L	100
6) Bromomethane	2.789	94	73288	24.754	ug/L	100
8) Chloroethane	2.936	64	73773	25.347	ug/L	100
9) Trichlorofluoromethane	3.271	101	105054	24.835	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	93890	24.735	ug/L	100
12) 1,1-Dichloroethene	4.045	96	87522	25.017	ug/L	100
13) Acetone	4.125	43	58736	52.865	ug/L	100
14) Carbon disulfide	4.393	76	297730	25.180	ug/L	100
15) Methyl Acetate	4.667	43	51372	25.854	ug/L	100
16) Methylene chloride	4.923	84	90082	23.010	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	91677	25.170	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	134786	25.076	ug/L	100
19) 1,1-Dichloroethane	6.216	63	178657	24.736	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	96308	25.265	ug/L	100
22) 2-Butanone	7.167	43	73978	55.212	ug/L	100
23) Bromochloromethane	7.514	128	41266	24.818	ug/L	100
25) Chloroform	7.679	83	175029	25.055	ug/L	100
27) 1,2-Dichloroethane	8.398	62	123264	24.273	ug/L	100
29) Cyclohexane	7.959	56	173984	26.898	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	146026	25.686	ug/L	100
31) Carbon tetrachloride	8.069	117	130945	25.263	ug/L	100
33) Benzene	8.325	78	382351	25.991	ug/L	100
34) Trichloroethene	9.087	95	98204	24.898	ug/L	100
35) Methylcyclohexane	9.337	83	184113	26.711	ug/L	100
37) 1,2-Dichloropropane	9.368	63	95211	25.161	ug/L	100
38) Bromodichloromethane	9.642	83	121244	25.947	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	144303	26.264	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	140447	53.833	ug/L	100
42) Toluene	10.386	91	404987	26.654	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	122057	26.348	ug/L	100

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 ClientSampleId :

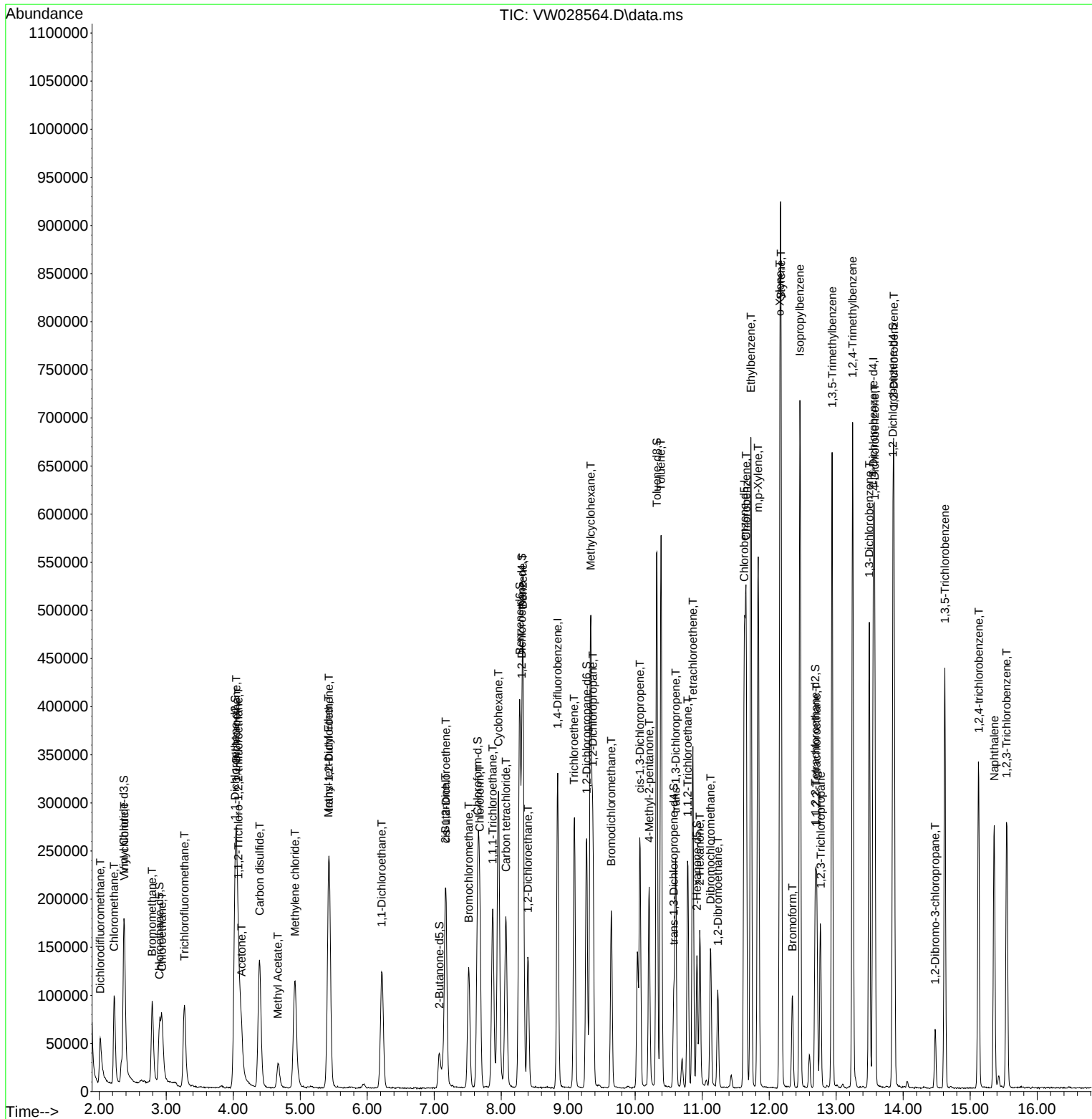
Quant Time: May 03 02:41:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 03 02:39:14 2024
 Response via : Initial Calibration

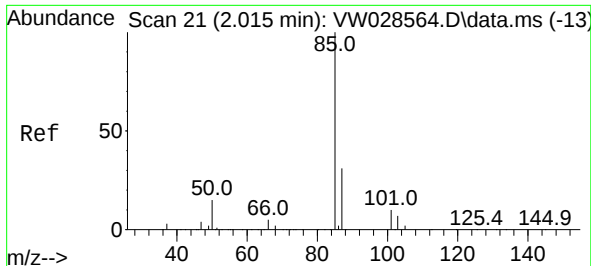
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.782	97	71269	25.665	ug/L	100
46) Tetrachloroethene	10.861	164	73539	25.875	ug/L	100
48) 2-Hexanone	10.965	43	103642	56.269	ug/L	100
49) Dibromochloromethane	11.123	129	72180	25.914	ug/L	100
50) 1,2-Dibromoethane	11.233	107	65826	25.306	ug/L	100
51) Chlorobenzene	11.654	112	241363	25.681	ug/L	100
52) Ethylbenzene	11.727	91	459225	26.707	ug/L	100
53) m,p-Xylene	11.837	106	168861	26.791	ug/L	100
54) o-Xylene	12.160	106	154932	26.570	ug/L	100
55) Styrene	12.178	104	266631	26.986	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	90695	26.032	ug/L	100
59) Bromoform	12.349	173	40819	25.958	ug/L	100
60) Isopropylbenzene	12.458	105	443628	27.129	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	67765	26.015	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	325314	28.117	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	349494	28.035	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	175319	25.772	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	181513	26.099	ug/L	100
67) 1,2-Dichlorobenzene	13.861	146	159382	26.176	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	15529	25.497	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	119579	26.195	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	96201	26.082	ug/L	100
71) Naphthalene	15.360	128	222333	28.292	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	85228	25.607	ug/L	100

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

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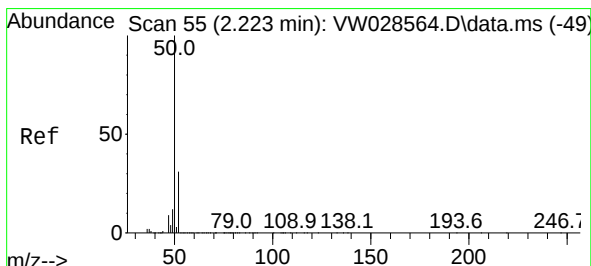
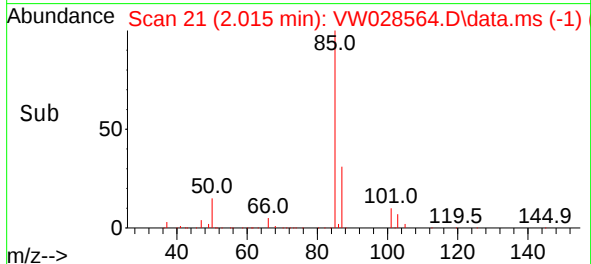
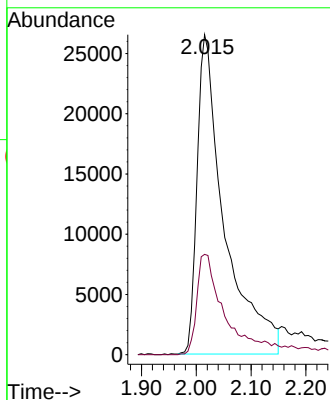
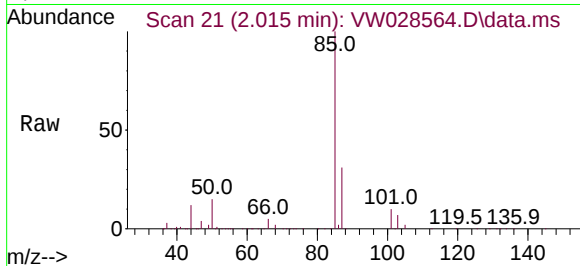




#2
 Dichlorodifluoromethane
 Concen: 24.825 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028564.D
 Acq: 02 May 2024 11:00

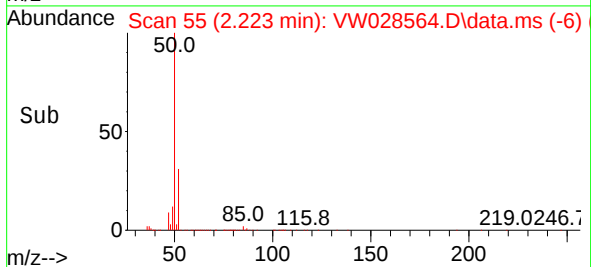
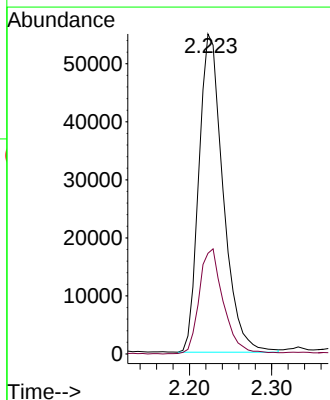
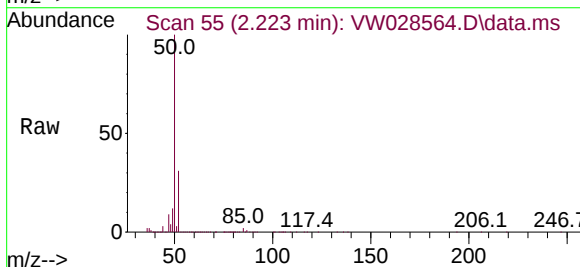
Instrument :
 MSVOA_W
 ClientSampleId :

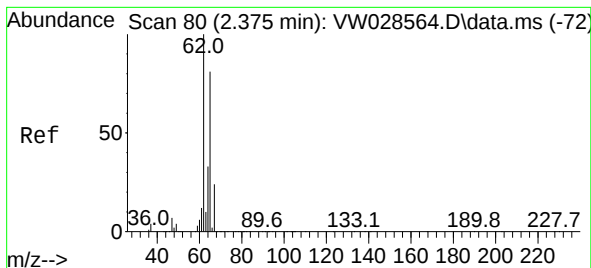
Tgt Ion: 85 Resp: 91706
 Ion Ratio Lower Upper
 85 100
 87 27.4 21.9 32.9



#3
 Chloromethane
 Concen: 24.543 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW028564.D
 Acq: 02 May 2024 11:00

Tgt Ion: 50 Resp: 112321
 Ion Ratio Lower Upper
 50 100
 52 31.5 22.0 41.0





#5

Vinyl chloride

Concen: 24.518 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW028564.D

Acq: 02 May 2024 11:00

Instrument :

MSVOA_W

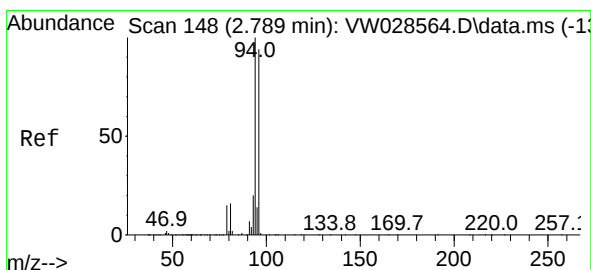
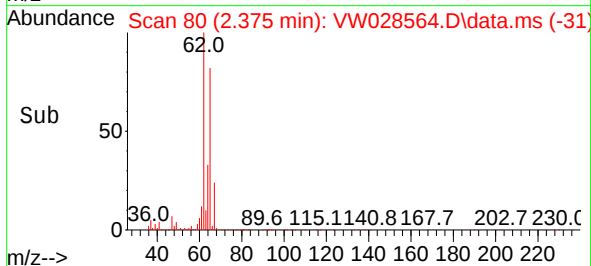
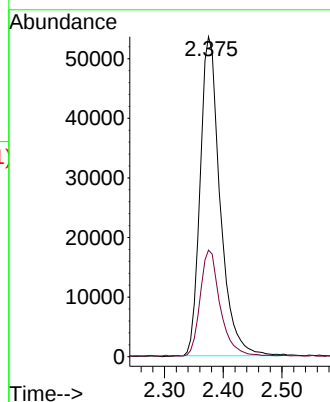
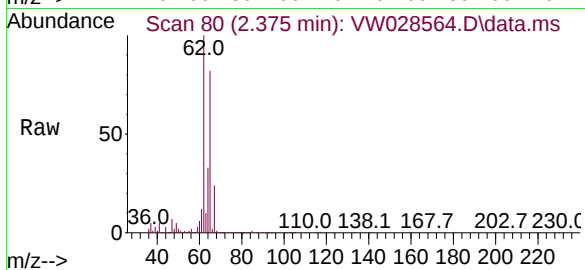
ClientSampleId :

Tgt Ion: 62 Resp: 126325

Ion Ratio Lower Upper

62 100

64 33.3 23.3 43.3



#6

Bromomethane

Concen: 24.754 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW028564.D

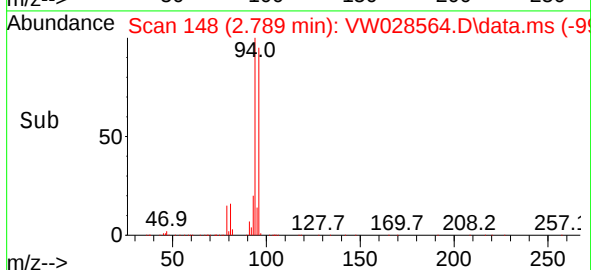
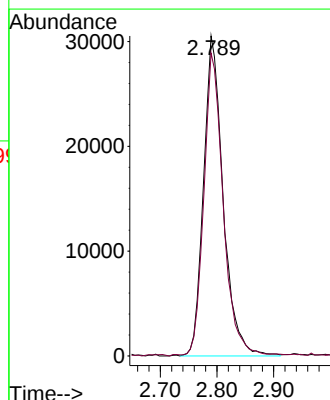
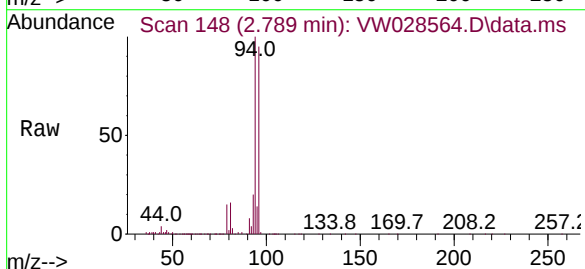
Acq: 02 May 2024 11:00

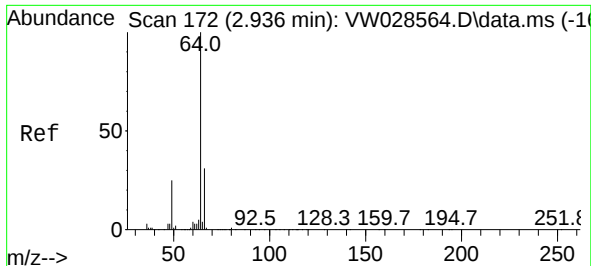
Tgt Ion: 94 Resp: 73288

Ion Ratio Lower Upper

94 100

96 94.7 66.3 123.1

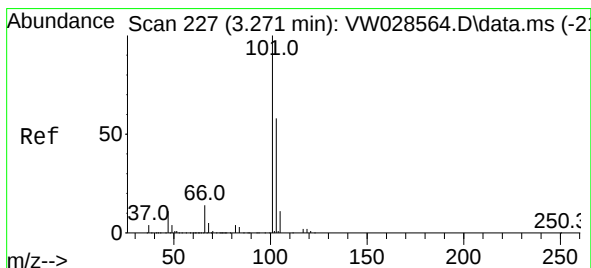
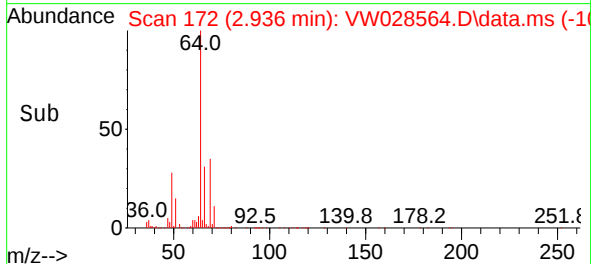
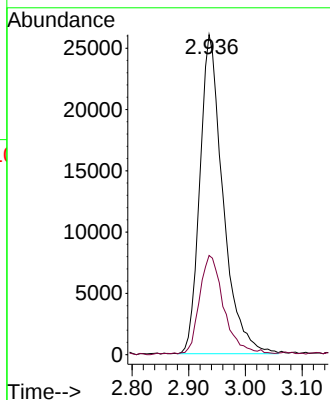
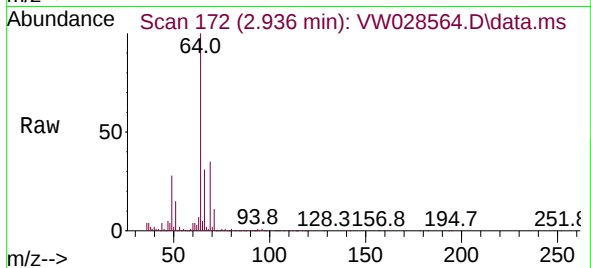




#8
Chloroethane
Concen: 25.347 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW028564.D
Acq: 02 May 2024 11:00

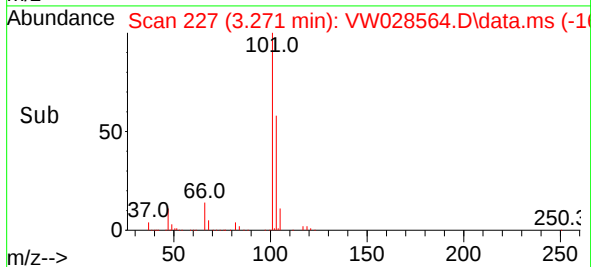
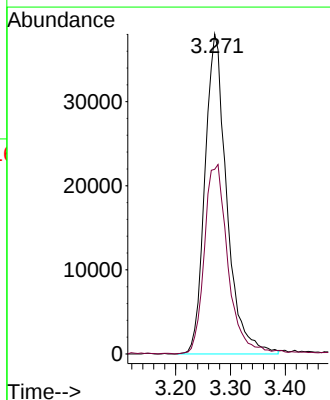
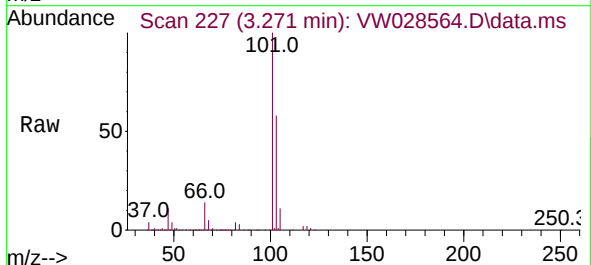
Instrument :
MSVOA_W
ClientSampleId :

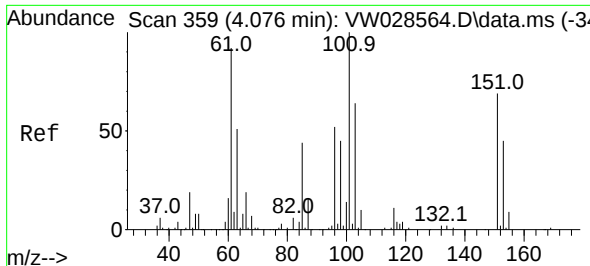
Tgt Ion: 64 Resp: 73773
Ion Ratio Lower Upper
64 100
66 31.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 24.835 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW028564.D
Acq: 02 May 2024 11:00

Tgt Ion: 101 Resp: 105054
Ion Ratio Lower Upper
101 100
103 63.0 50.4 75.6





#10

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

Concen: 24.735 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW028564.D

Acq: 02 May 2024 11:00

Instrument :

MSVOA_W

ClientSampleId :

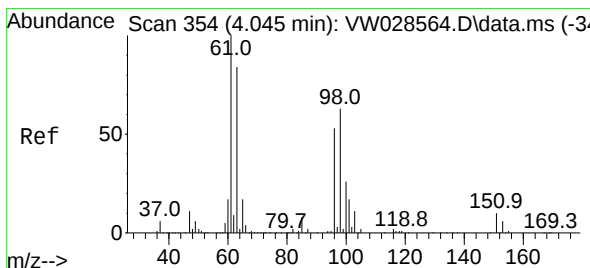
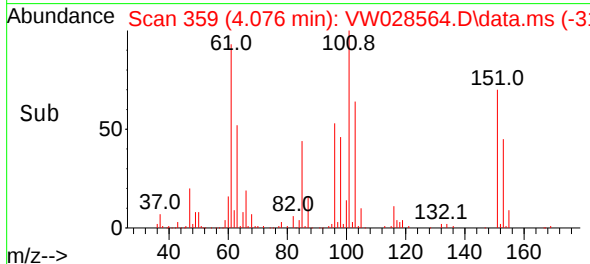
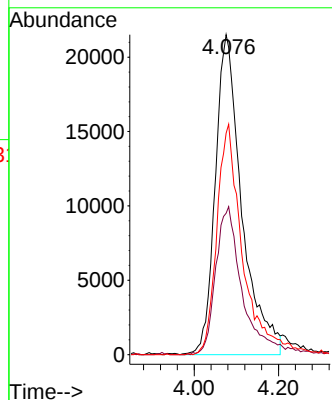
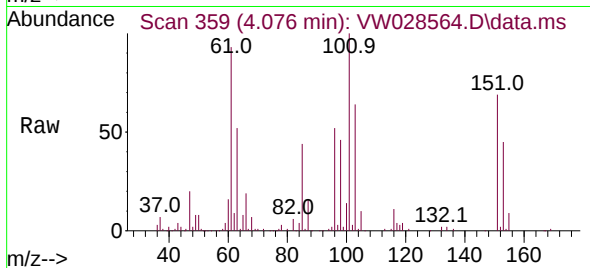
Tgt Ion:101 Resp: 93890

Ion Ratio Lower Upper

101 100

85 44.8 35.8 53.8

151 62.0 49.6 74.4



#12

1,1-Dichloroethene

Concen: 25.017 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW028564.D

Acq: 02 May 2024 11:00

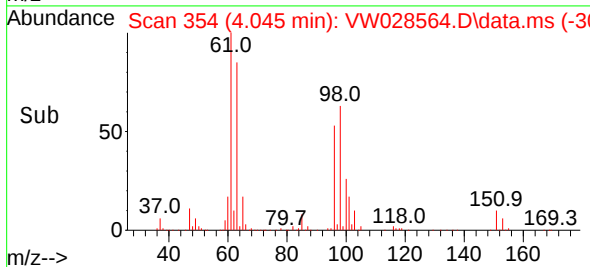
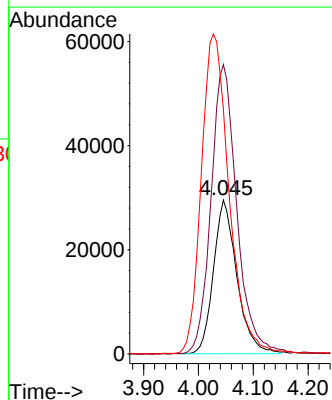
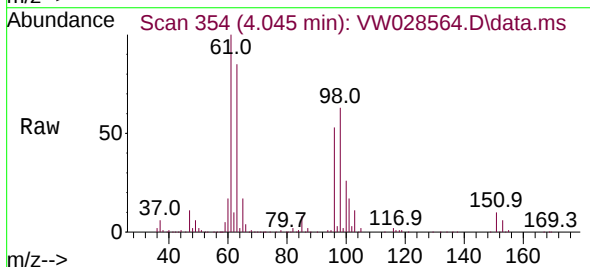
Tgt Ion: 96 Resp: 87522

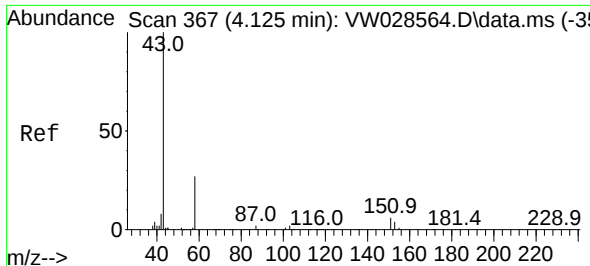
Ion Ratio Lower Upper

96 100

61 188.0 131.6 244.4

63 159.1 111.4 206.8

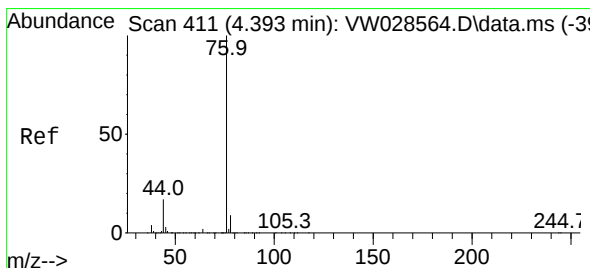
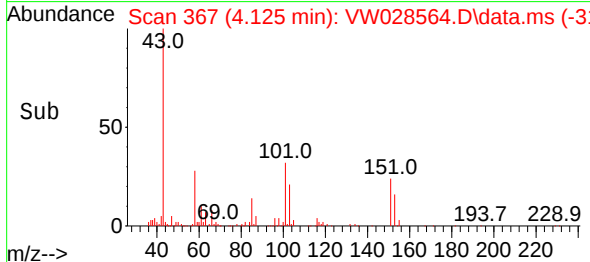
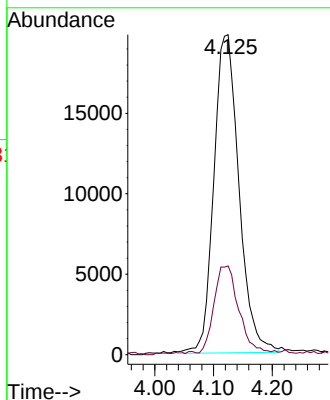
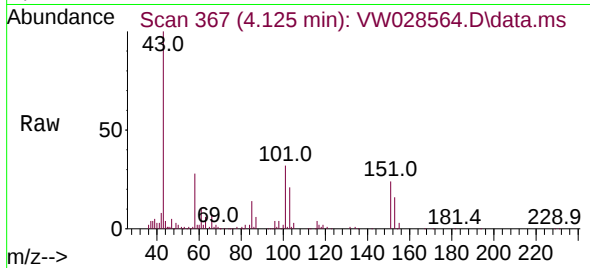




#13
Acetone
Concen: 52.865 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW028564.D
Acq: 02 May 2024 11:00

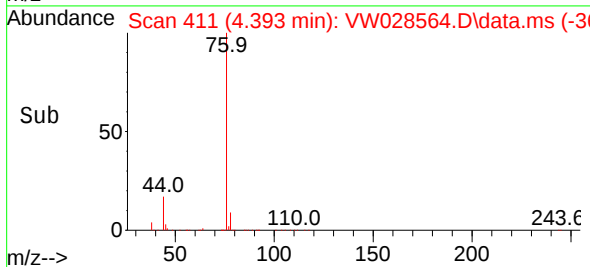
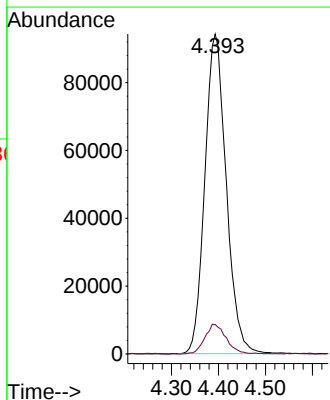
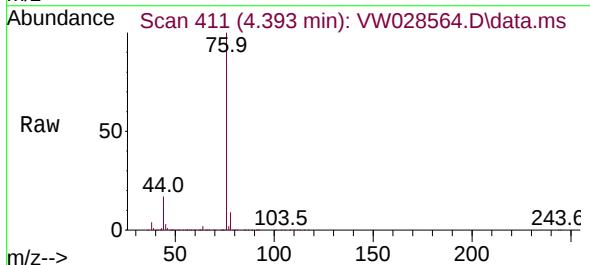
Instrument :
MSVOA_W
ClientSampleId :

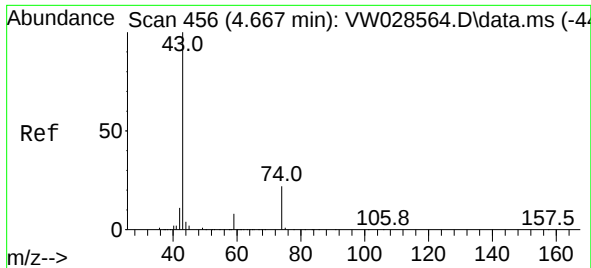
Tgt Ion: 43 Resp: 58736
Ion Ratio Lower Upper
43 100
58 27.2 0.0 54.4



#14
Carbon disulfide
Concen: 25.180 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW028564.D
Acq: 02 May 2024 11:00

Tgt Ion: 76 Resp: 297730
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

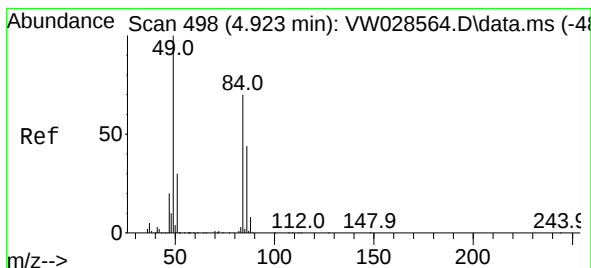
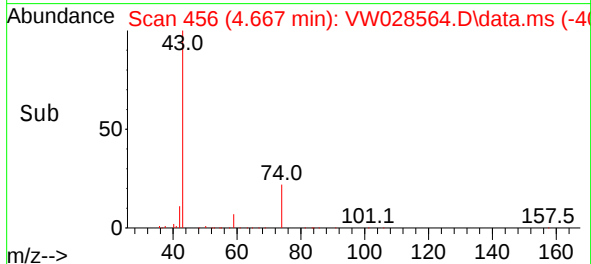
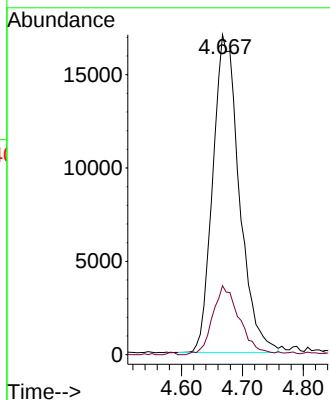
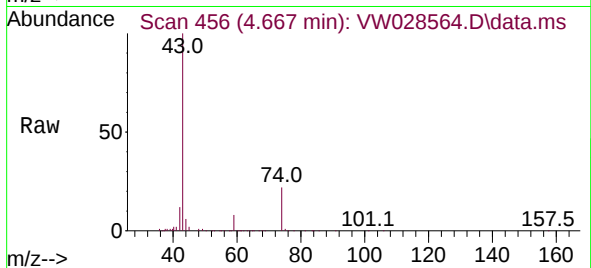




#15
Methyl Acetate
Concen: 25.854 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW028564.D
Acq: 02 May 2024 11:00

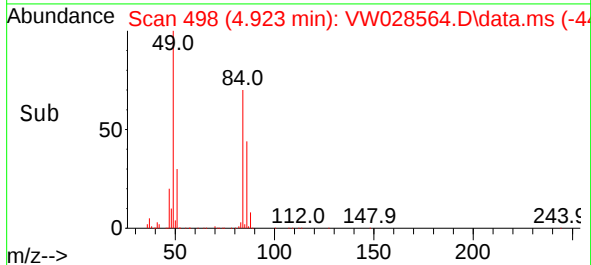
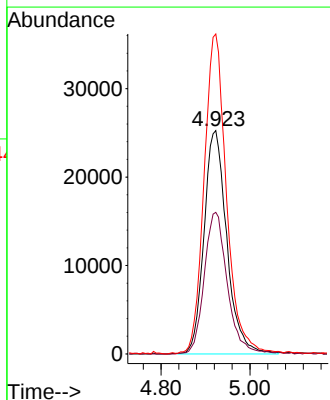
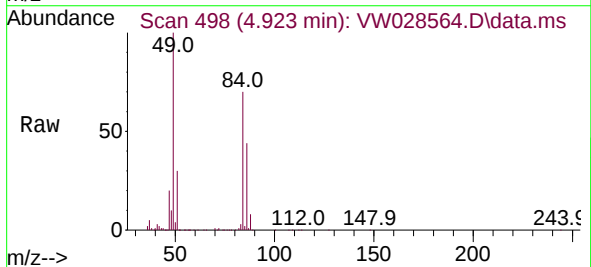
Instrument :
MSVOA_W
ClientSampleId :

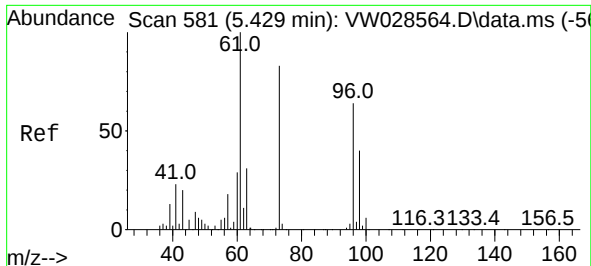
Tgt Ion: 43 Resp: 51372
Ion Ratio Lower Upper
43 100
74 22.0 17.6 26.4



#16
Methylene chloride
Concen: 23.010 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW028564.D
Acq: 02 May 2024 11:00

Tgt Ion: 84 Resp: 90082
Ion Ratio Lower Upper
84 100
86 63.4 44.4 82.4
49 143.2 100.2 186.2





#17

trans-1,2-Dichloroethene

Concen: 25.170 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW028564.D

Acq: 02 May 2024 11:00

Instrument :

MSVOA_W

ClientSampleId :

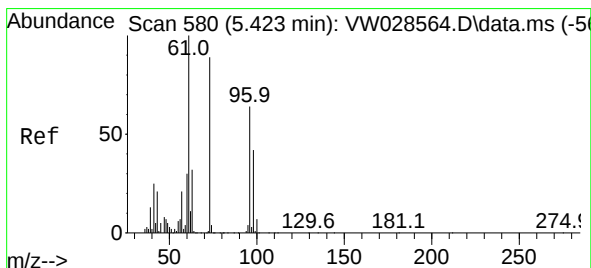
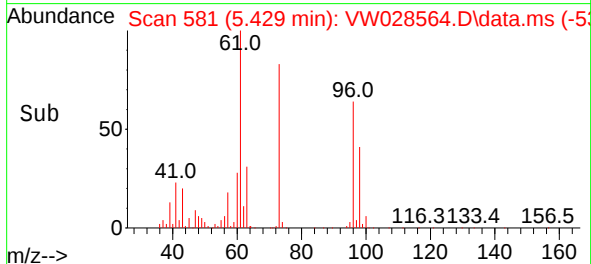
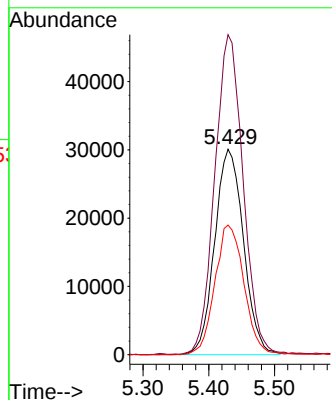
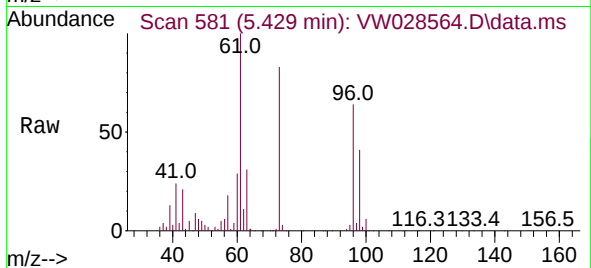
Tgt Ion: 96 Resp: 91677

Ion Ratio Lower Upper

96 100

61 155.7 109.0 202.4

98 63.1 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 25.076 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW028564.D

Acq: 02 May 2024 11:00

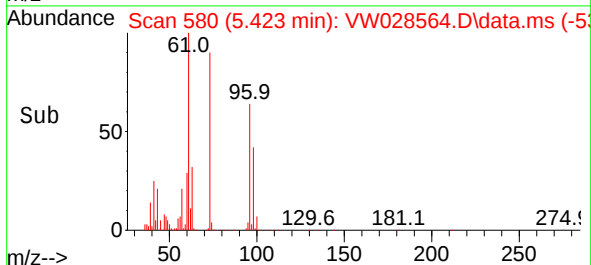
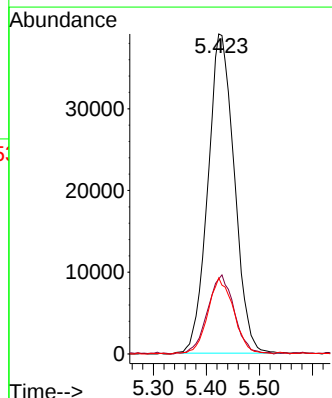
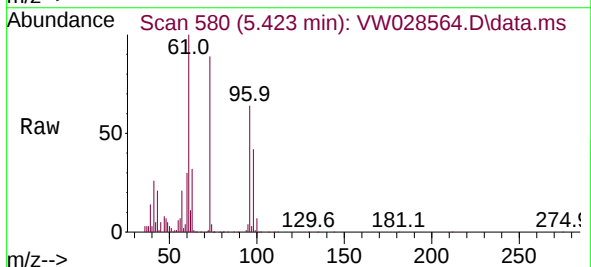
Tgt Ion: 73 Resp: 134786

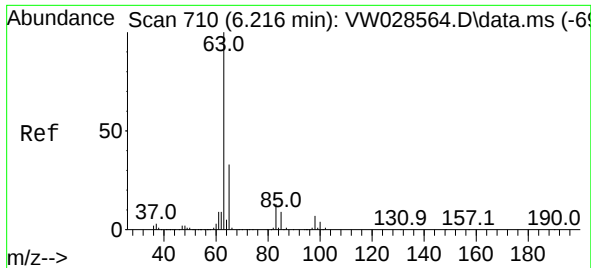
Ion Ratio Lower Upper

73 100

43 24.0 19.2 28.8

57 23.1 18.5 27.7

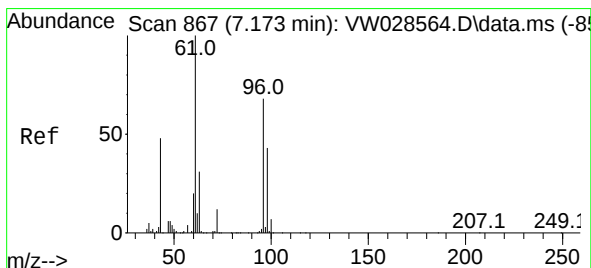
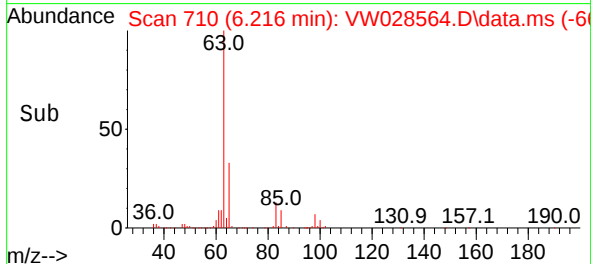
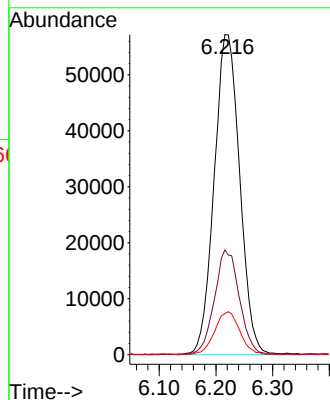
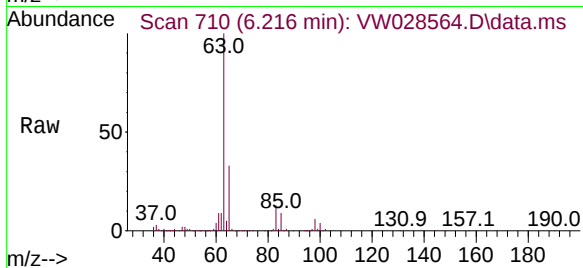




#19
 1,1-Dichloroethane
 Concen: 24.736 ug/L
 RT: 6.216 min Scan# 710
 Delta R.T. 0.000 min
 Lab File: VW028564.D
 Acq: 02 May 2024 11:00

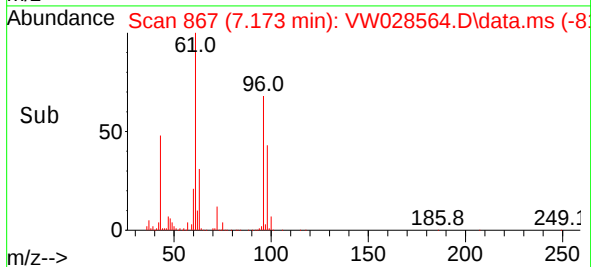
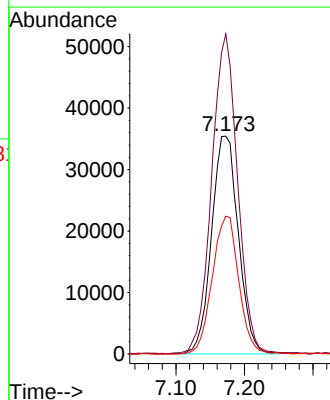
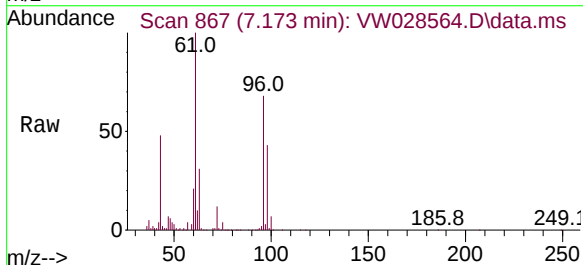
Instrument :
 MSVOA_W
 ClientSampleId :

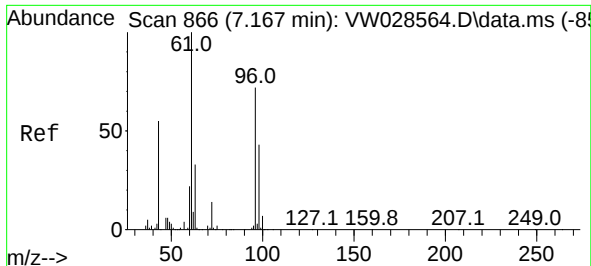
Tgt Ion: 63 Resp: 178657
 Ion Ratio Lower Upper
 63 100
 65 32.7 22.9 42.5
 83 12.9 9.0 16.8



#20
 cis-1,2-Dichloroethene
 Concen: 25.265 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.000 min
 Lab File: VW028564.D
 Acq: 02 May 2024 11:00

Tgt Ion: 96 Resp: 96308
 Ion Ratio Lower Upper
 96 100
 61 146.9 102.8 191.0
 98 63.3 44.3 82.3

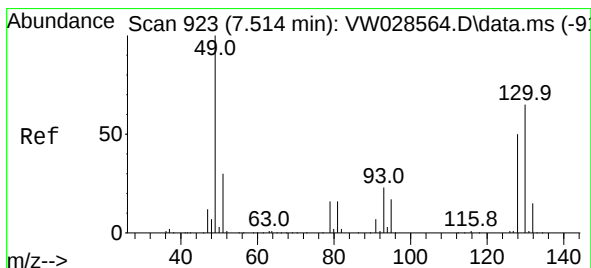
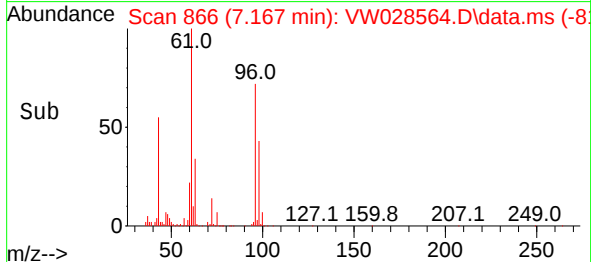
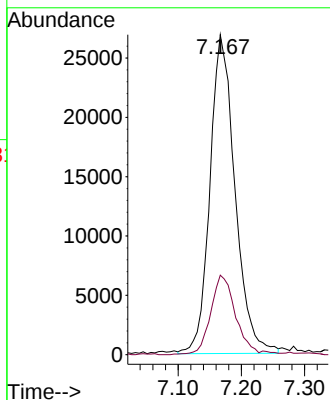
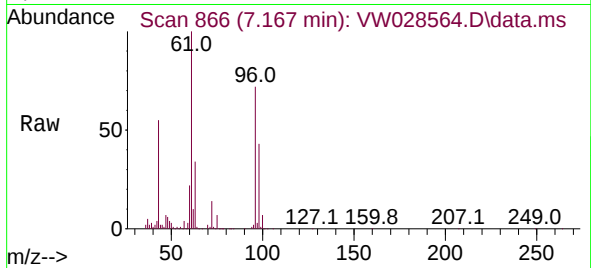




#22
2-Butanone
Concen: 55.212 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW028564.D
Acq: 02 May 2024 11:00

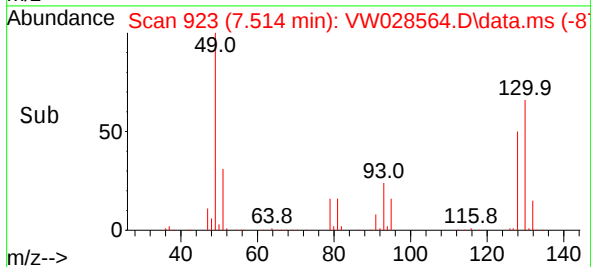
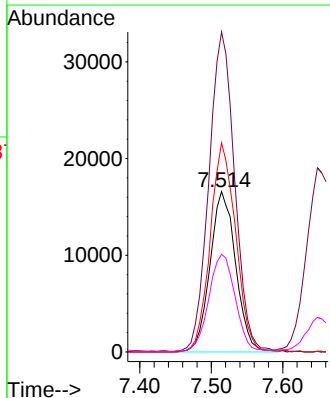
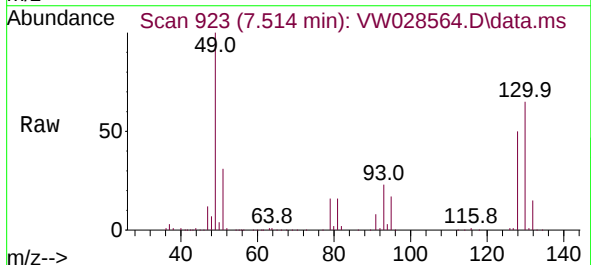
Instrument :
MSVOA_W
ClientSampleId :

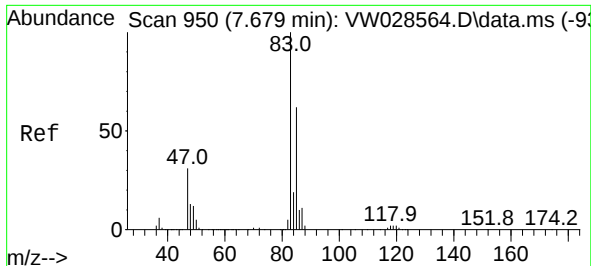
Tgt Ion: 43 Resp: 73978
Ion Ratio Lower Upper
43 100
72 24.4 12.2 36.6



#23
Bromochloromethane
Concen: 24.818 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW028564.D
Acq: 02 May 2024 11:00

Tgt Ion: 128 Resp: 41266
Ion Ratio Lower Upper
128 100
49 199.4 139.6 259.2
130 130.3 91.2 169.4
51 60.9 48.7 73.1





#25

Chloroform

Concen: 25.055 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW028564.D

Acq: 02 May 2024 11:00

Instrument :

MSVOA_W

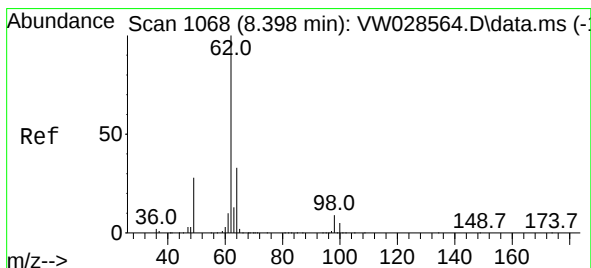
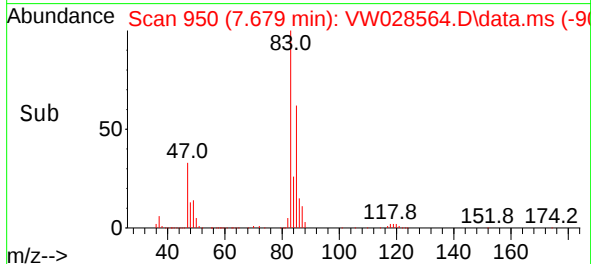
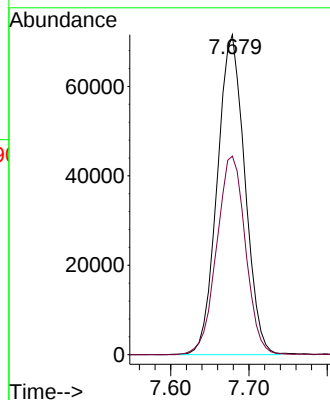
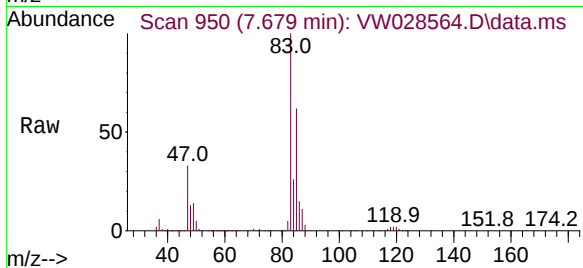
ClientSampleId :

Tgt Ion: 83 Resp: 175029

Ion Ratio Lower Upper

83 100

85 62.0 43.4 80.6



#27

1,2-Dichloroethane

Concen: 24.273 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028564.D

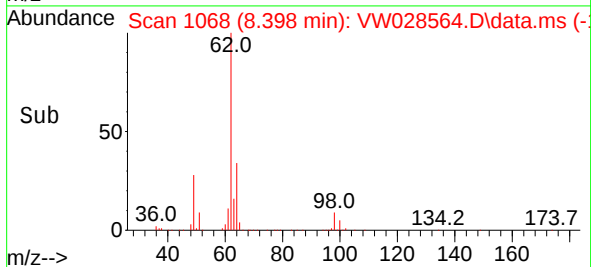
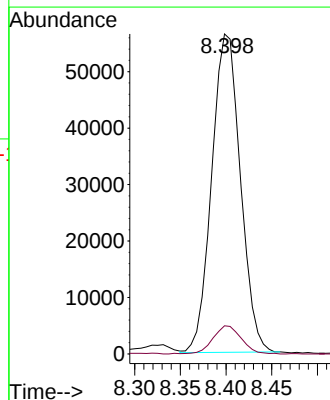
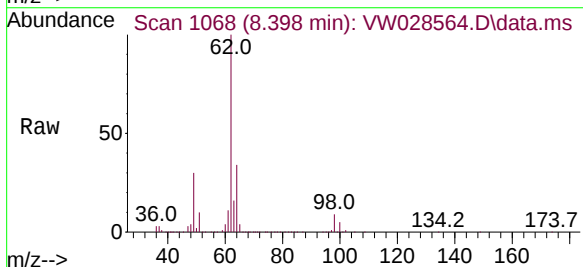
Acq: 02 May 2024 11:00

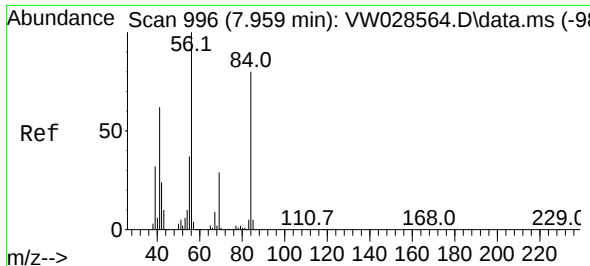
Tgt Ion: 62 Resp: 123264

Ion Ratio Lower Upper

62 100

98 8.8 7.0 10.6





#29

Cyclohexane

Concen: 26.898 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

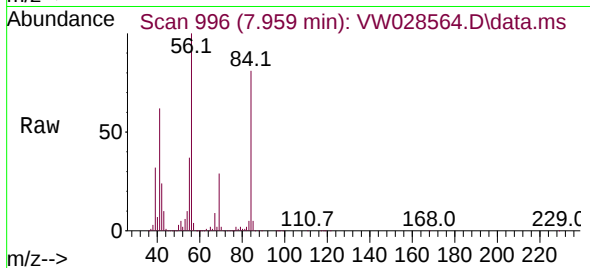
Lab File: VW028564.D

Acq: 02 May 2024 11:00

Instrument :

MSVOA_W

ClientSampleId :



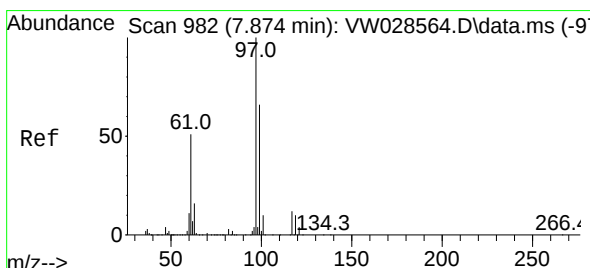
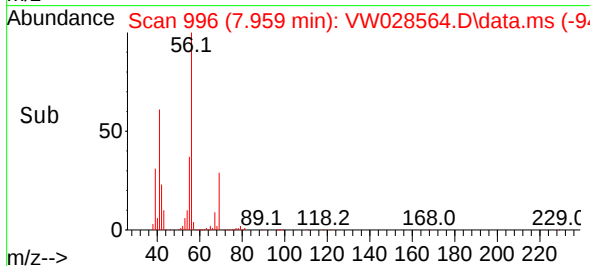
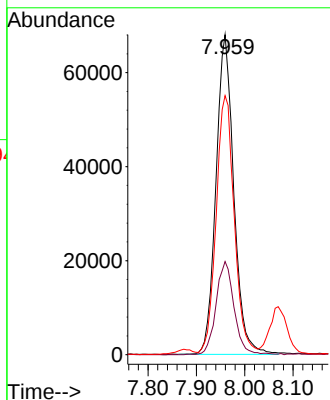
Tgt Ion: 56 Resp: 173984

Ion Ratio Lower Upper

56 100

69 29.2 23.4 35.0

84 82.3 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 25.686 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028564.D

Acq: 02 May 2024 11:00

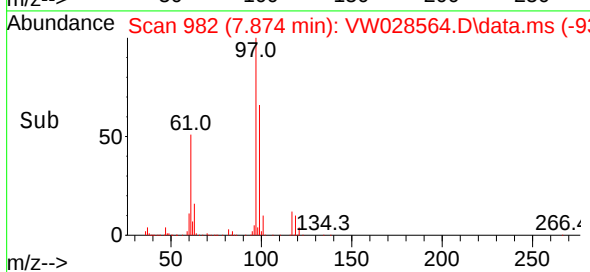
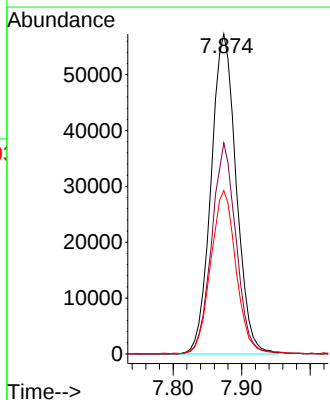
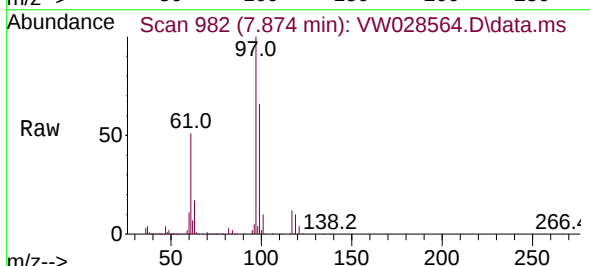
Tgt Ion: 97 Resp: 146026

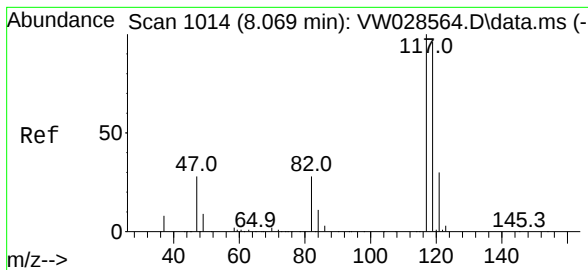
Ion Ratio Lower Upper

97 100

99 63.6 50.9 76.3

61 51.3 41.0 61.6

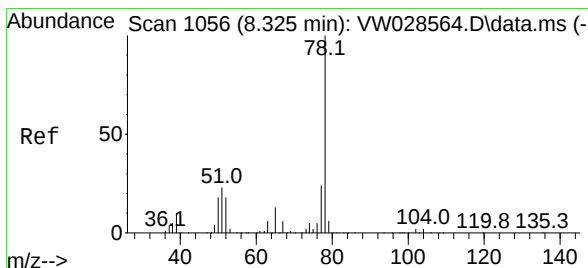
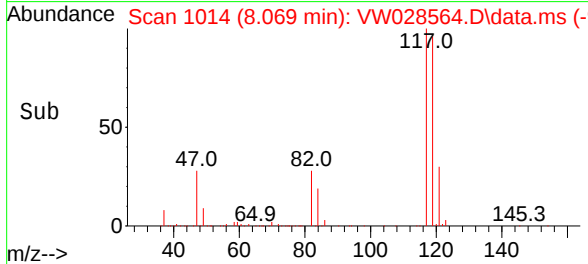
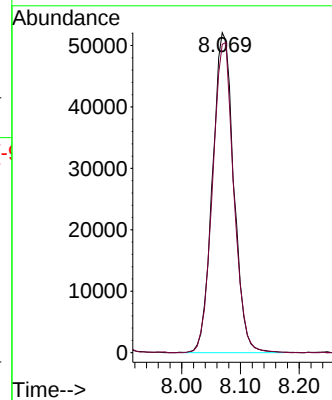
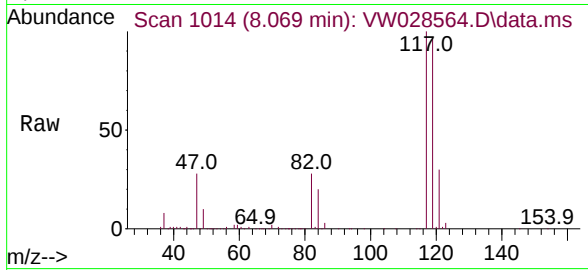




#31
Carbon tetrachloride
Concen: 25.263 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028564.D
Acq: 02 May 2024 11:00

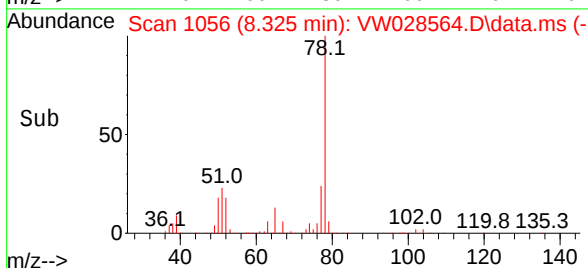
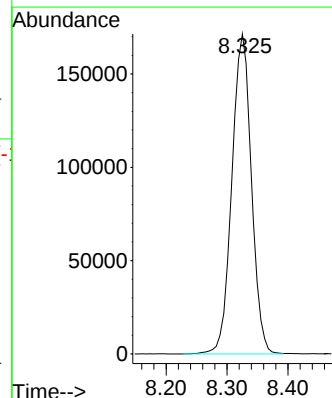
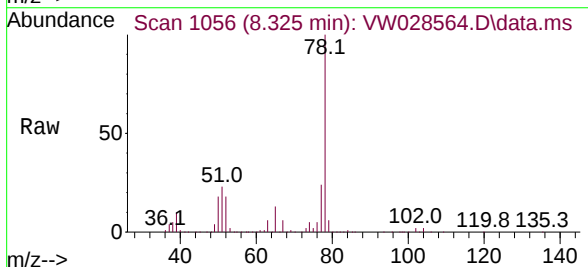
Instrument :
MSVOA_W
ClientSampleId :

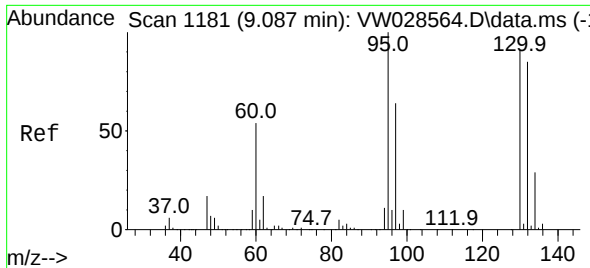
Tgt Ion:117 Resp: 130945
Ion Ratio Lower Upper
117 100
119 96.5 77.2 115.8



#33
Benzene
Concen: 25.991 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW028564.D
Acq: 02 May 2024 11:00

Tgt Ion: 78 Resp: 382351

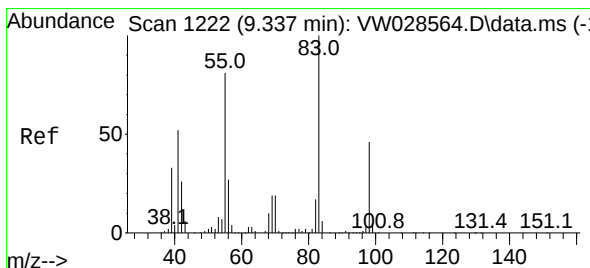
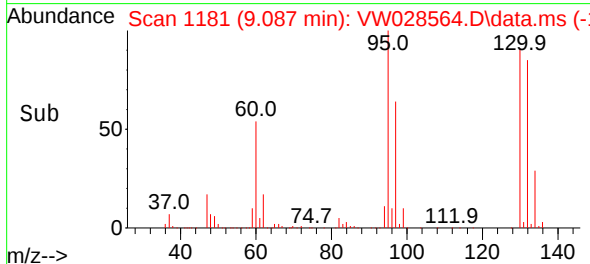
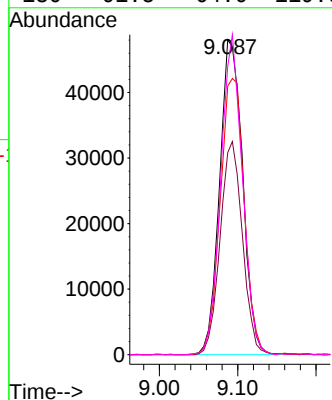
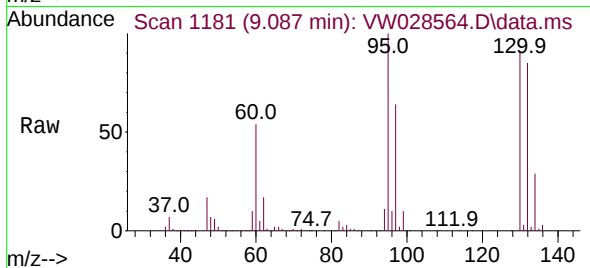




#34
Trichloroethene
Concen: 24.898 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VW028564.D
Acq: 02 May 2024 11:00

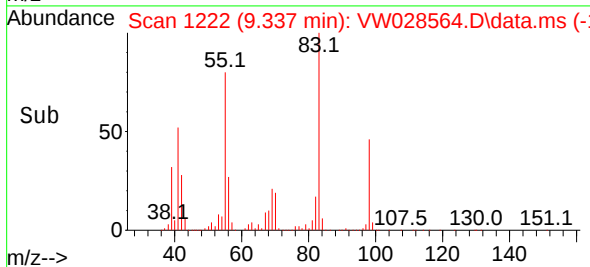
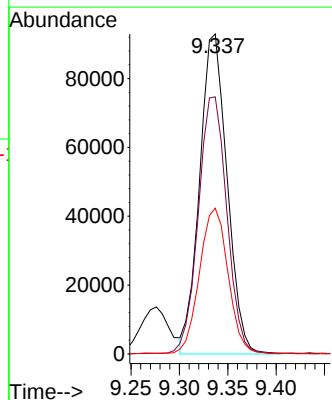
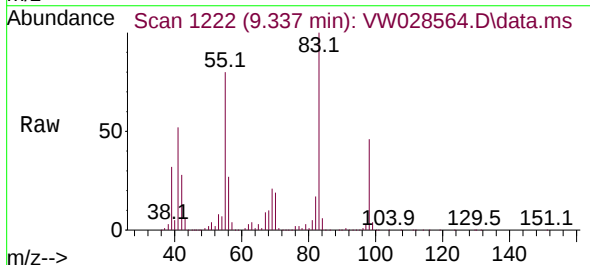
Instrument :
MSVOA_W
ClientSampleId :

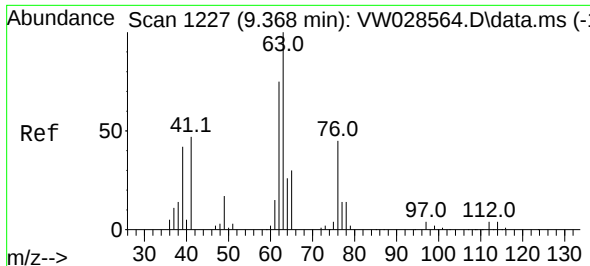
Tgt Ion: 95 Resp: 98204
Ion Ratio Lower Upper
95 100
97 64.1 44.9 83.3
132 85.3 59.7 110.9
130 91.5 64.0 119.0



#35
Methylcyclohexane
Concen: 26.711 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW028564.D
Acq: 02 May 2024 11:00

Tgt Ion: 83 Resp: 184113
Ion Ratio Lower Upper
83 100
55 83.6 66.9 100.3
98 47.4 37.9 56.9





#37

1,2-Dichloropropane

Concen: 25.161 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028564.D

Acq: 02 May 2024 11:00

Instrument :

MSVOA_W

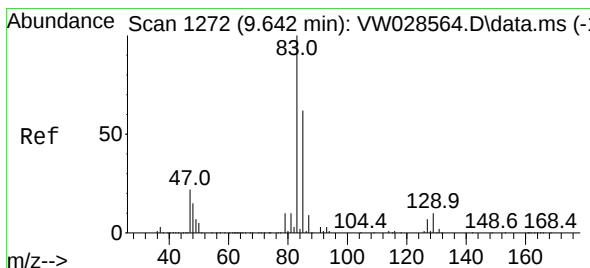
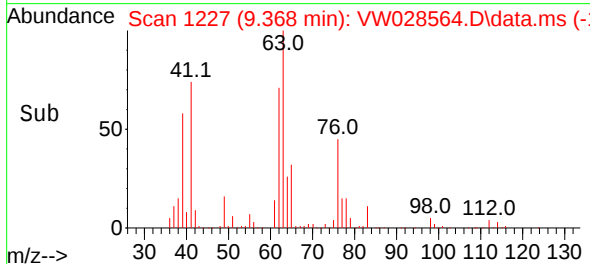
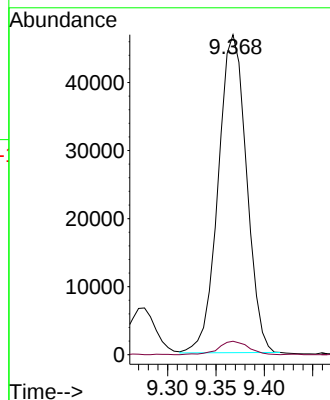
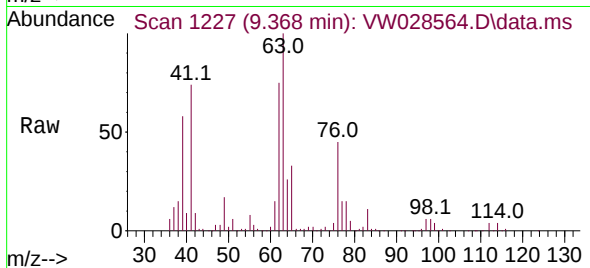
ClientSampleId :

Tgt Ion: 63 Resp: 95211

Ion Ratio Lower Upper

63 100

112 4.4 3.5 5.3



#38

Bromodichloromethane

Concen: 25.947 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028564.D

Acq: 02 May 2024 11:00

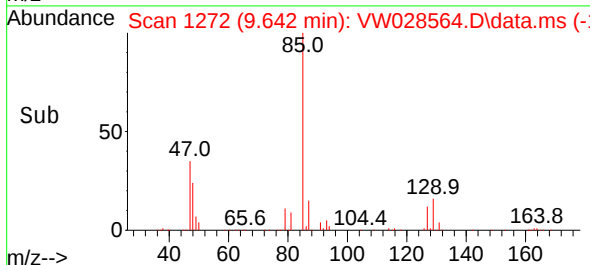
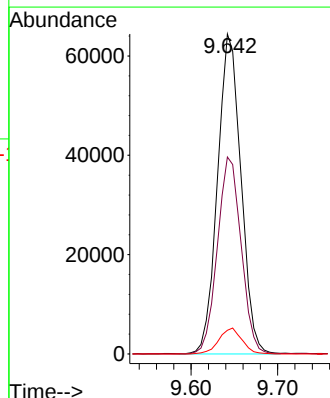
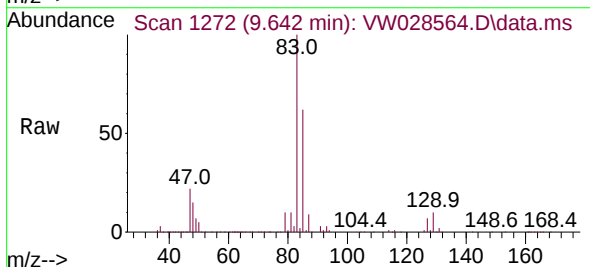
Tgt Ion: 83 Resp: 121244

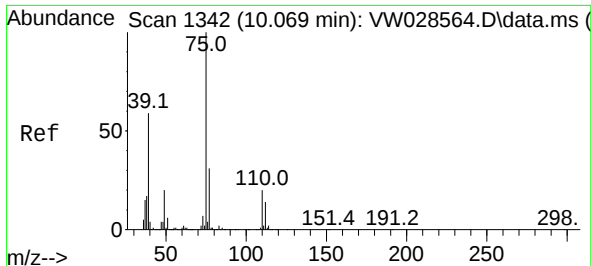
Ion Ratio Lower Upper

83 100

85 61.5 43.0 80.0

127 7.4 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 26.264 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW028564.D

Acq: 02 May 2024 11:00

Instrument :

MSVOA_W

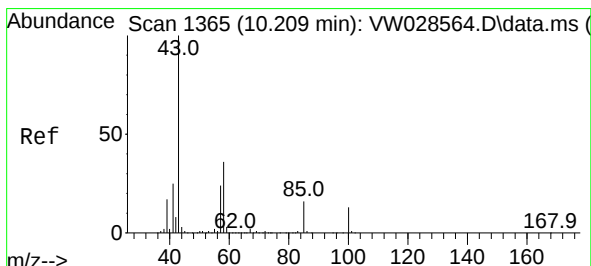
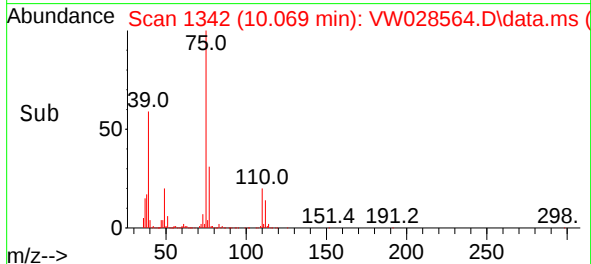
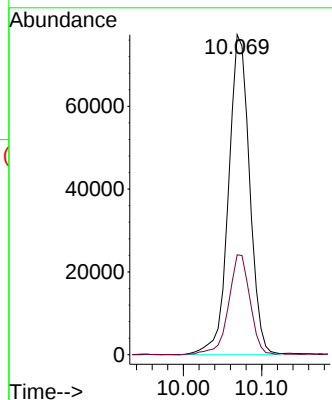
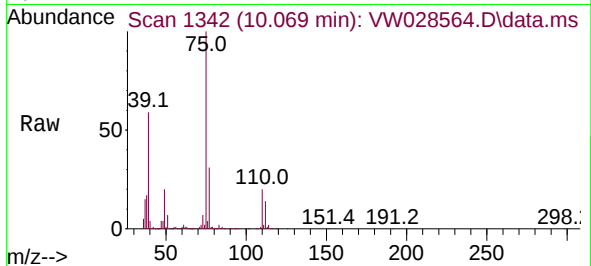
ClientSampleId :

Tgt Ion: 75 Resp: 144303

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 53.833 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028564.D

Acq: 02 May 2024 11:00

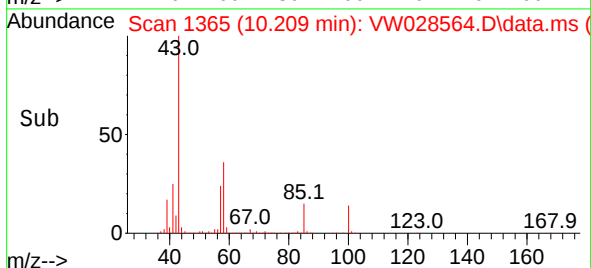
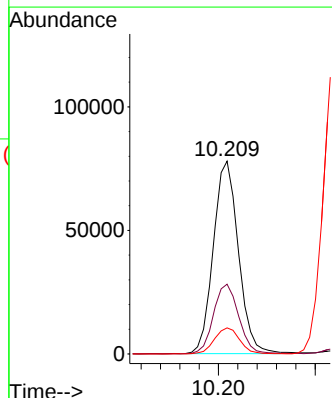
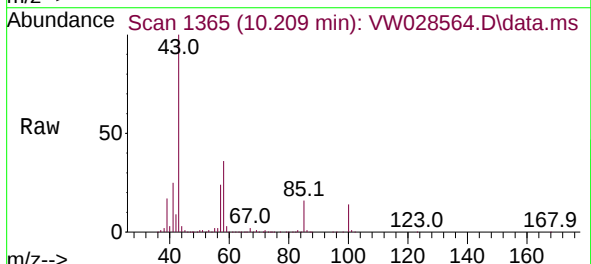
Tgt Ion: 43 Resp: 140447

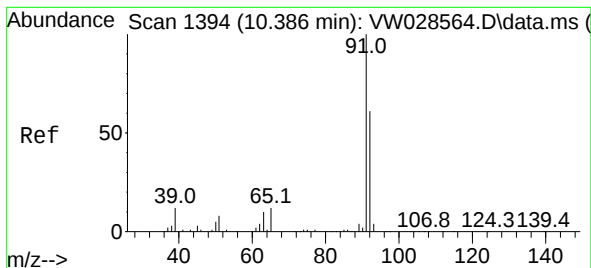
Ion Ratio Lower Upper

43 100

58 36.5 29.2 43.8

100 13.7 11.0 16.4





#42

Toluene

Concen: 26.654 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028564.D

Acq: 02 May 2024 11:00

Instrument :

MSVOA_W

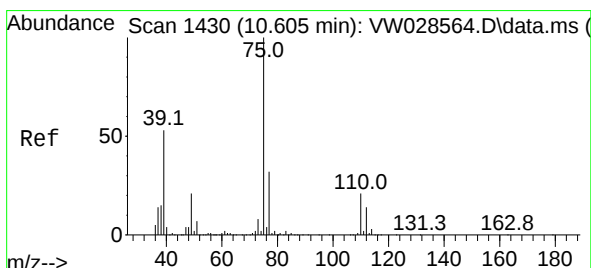
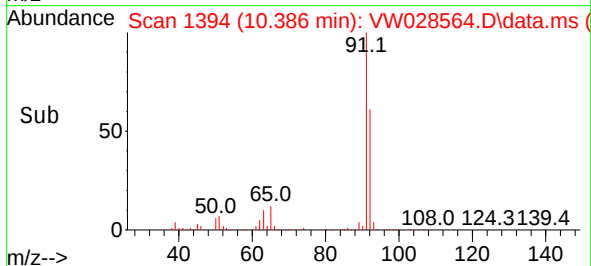
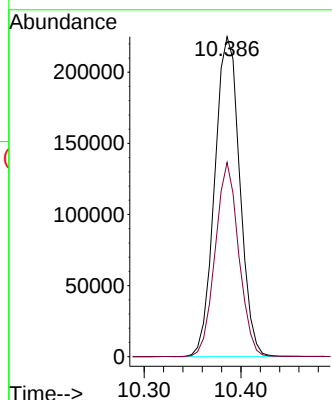
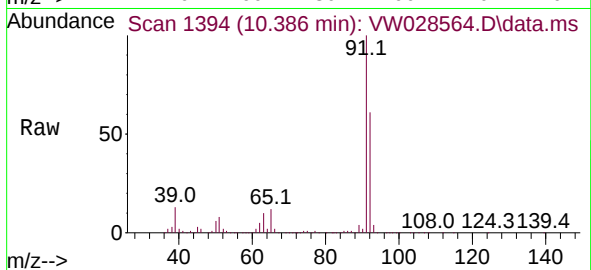
ClientSampleId :

Tgt Ion: 91 Resp: 404987

Ion Ratio Lower Upper

91 100

92 60.7 42.5 78.9



#44

trans-1,3-Dichloropropene

Concen: 26.348 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028564.D

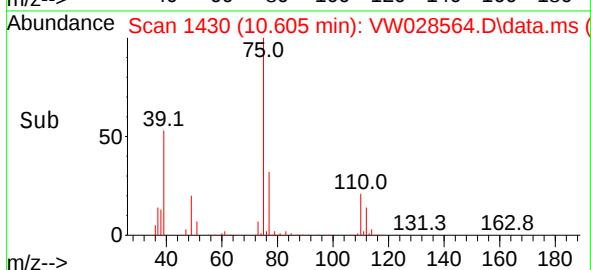
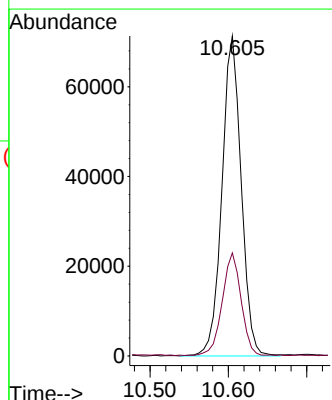
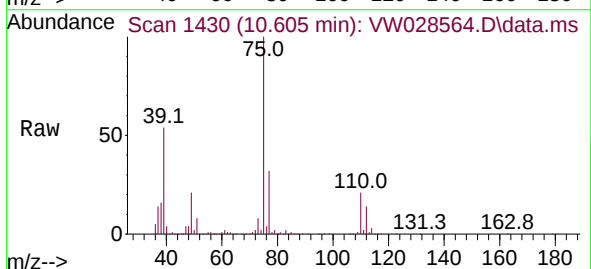
Acq: 02 May 2024 11:00

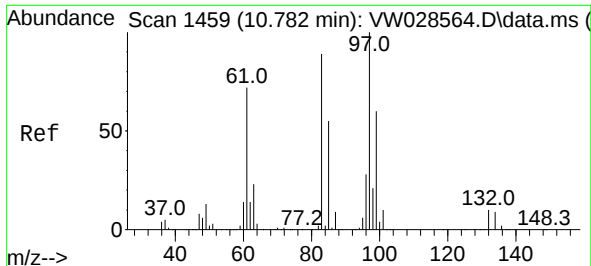
Tgt Ion: 75 Resp: 122057

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 25.665 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

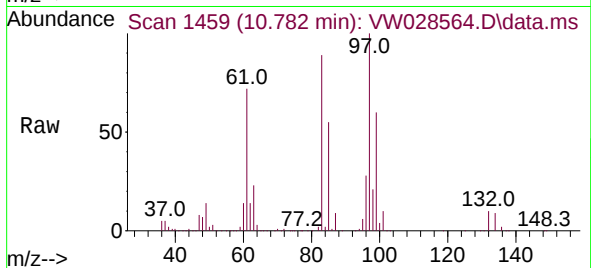
Lab File: VW028564.D

Acq: 02 May 2024 11:00

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 71269

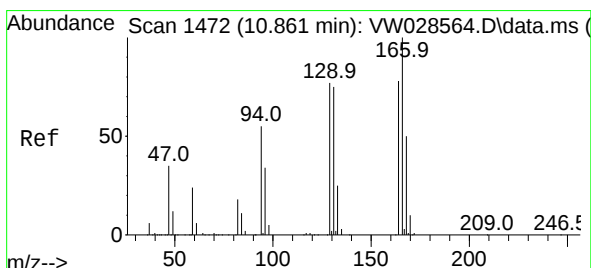
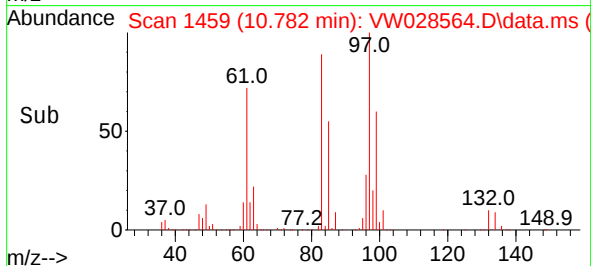
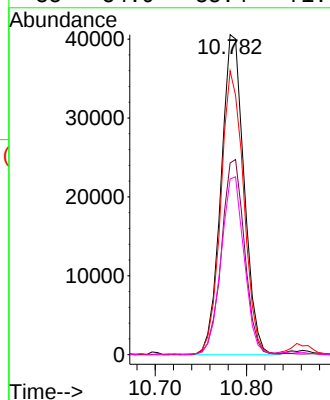
Ion Ratio Lower Upper

97 100

99 59.9 41.9 77.9

83 88.7 62.1 115.3

85 54.9 38.4 71.4



#46

Tetrachloroethene

Concen: 25.875 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028564.D

Acq: 02 May 2024 11:00

Tgt Ion:164 Resp: 73539

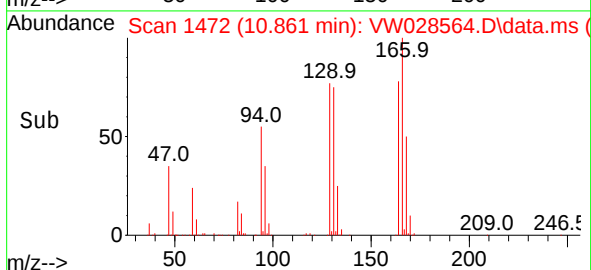
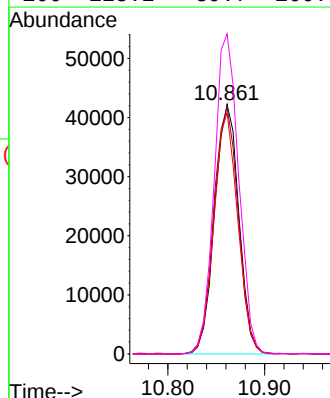
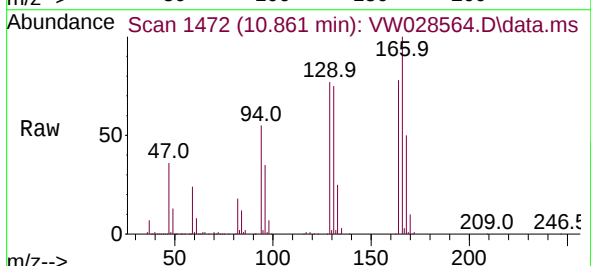
Ion Ratio Lower Upper

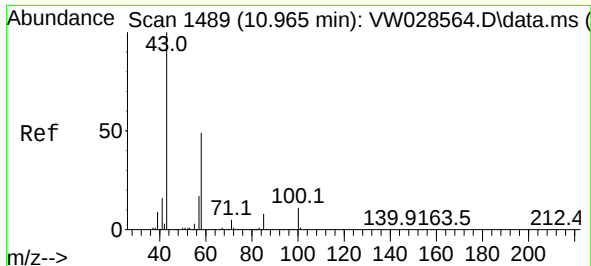
164 100

129 98.9 69.2 128.6

131 96.7 67.7 125.7

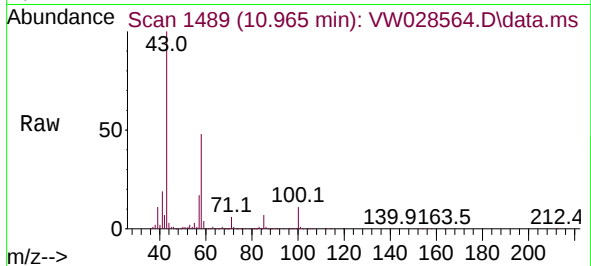
166 128.2 89.7 166.7



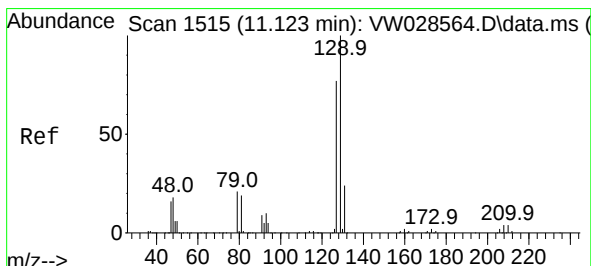
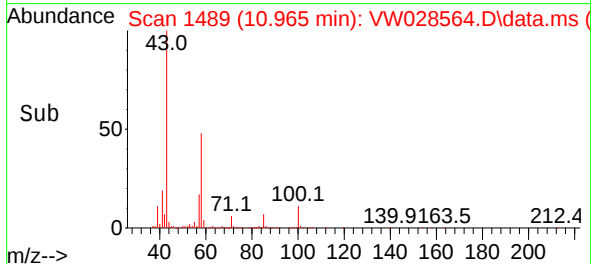
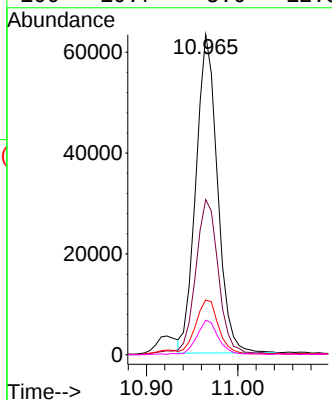


#48
2-Hexanone
Concen: 56.269 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028564.D
Acq: 02 May 2024 11:00

Instrument :
MSVOA_W
ClientSampleId :

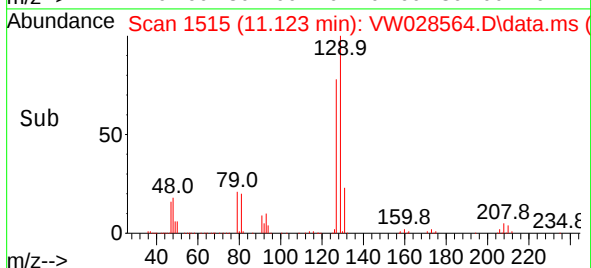
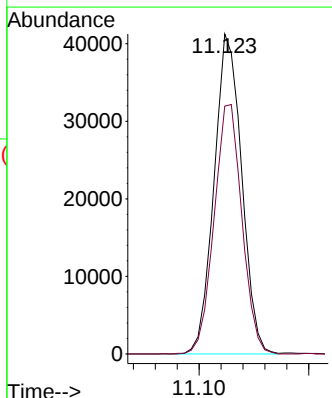
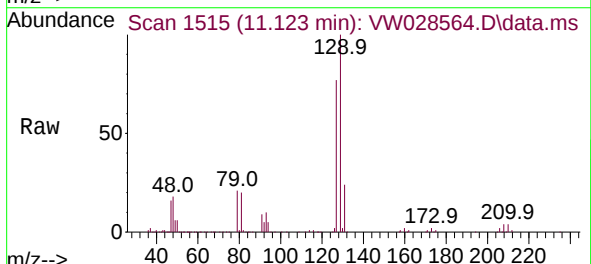


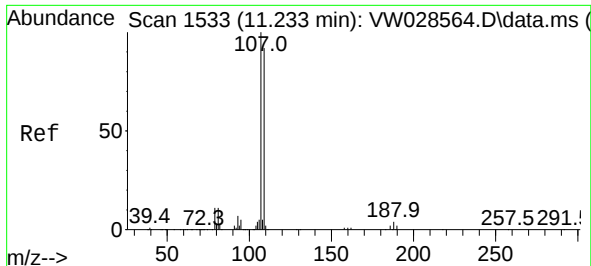
Tgt Ion: 43 Resp: 103642
Ion Ratio Lower Upper
43 100
58 51.2 41.0 61.4
57 18.5 14.8 22.2
100 10.7 8.6 12.8



#49
Dibromochloromethane
Concen: 25.914 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW028564.D
Acq: 02 May 2024 11:00

Tgt Ion: 129 Resp: 72180
Ion Ratio Lower Upper
129 100
127 77.5 54.3 100.8





#50

1,2-Dibromoethane

Concen: 25.306 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW028564.D

Acq: 02 May 2024 11:00

Instrument :

MSVOA_W

ClientSampleId :

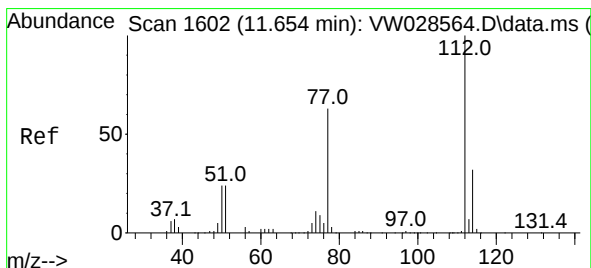
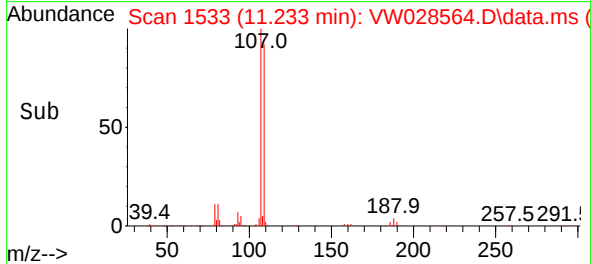
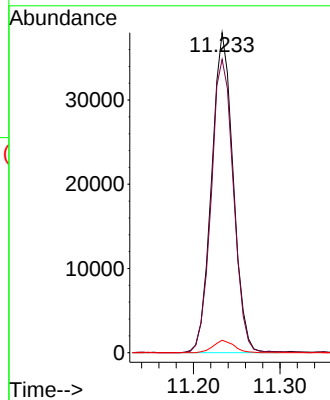
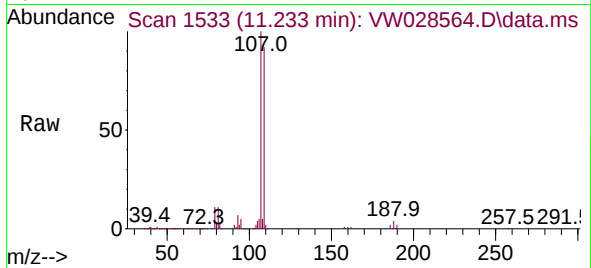
Tgt Ion:107 Resp: 65826

Ion Ratio Lower Upper

107 100

109 91.7 64.2 119.2

188 3.9 3.1 4.7



#51

Chlorobenzene

Concen: 25.681 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW028564.D

Acq: 02 May 2024 11:00

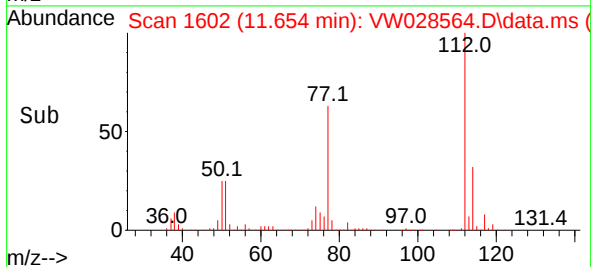
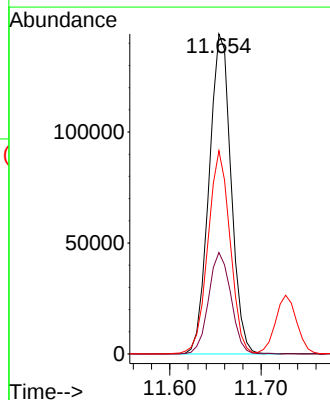
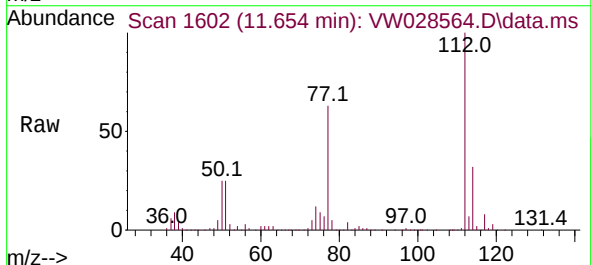
Tgt Ion:112 Resp: 241363

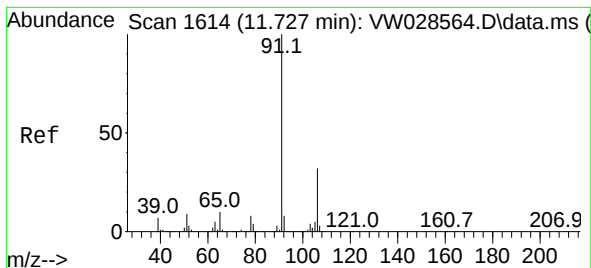
Ion Ratio Lower Upper

112 100

114 31.7 22.2 41.2

77 63.5 50.8 76.2

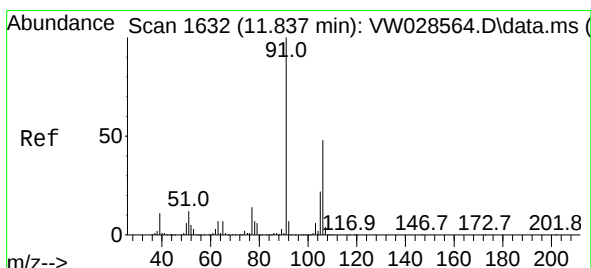
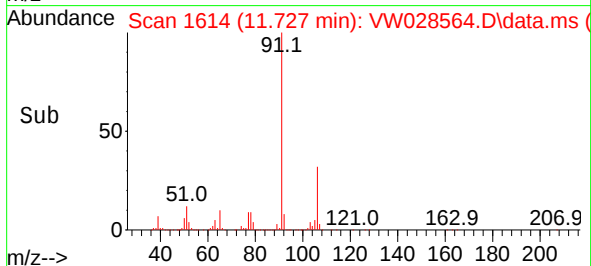
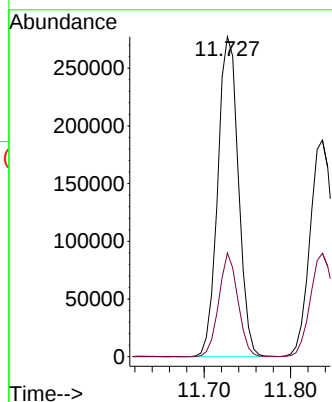
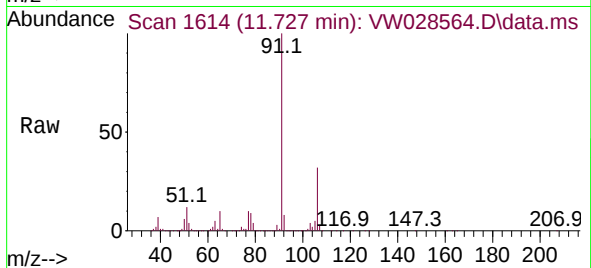




#52
Ethylbenzene
Concen: 26.707 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028564.D
Acq: 02 May 2024 11:00

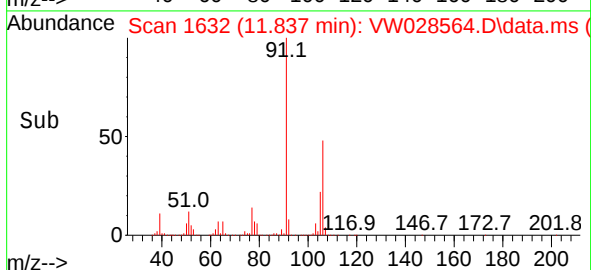
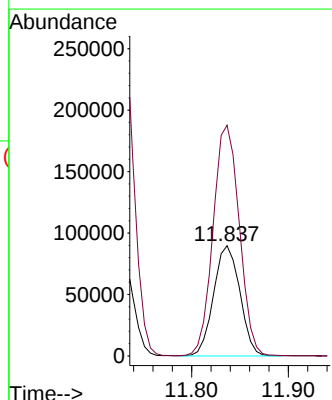
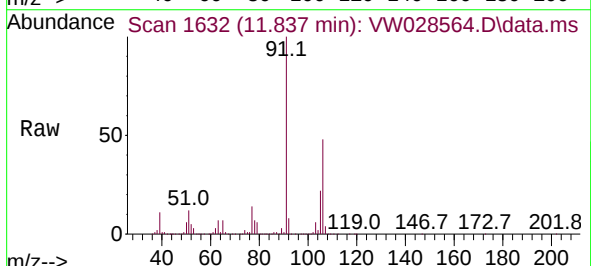
Instrument :
MSVOA_W
ClientSampleId :

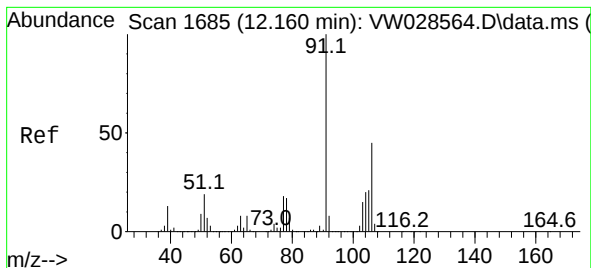
Tgt Ion: 91 Resp: 459225
Ion Ratio Lower Upper
91 100
106 32.4 22.7 42.1



#53
m,p-Xylene
Concen: 26.791 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW028564.D
Acq: 02 May 2024 11:00

Tgt Ion:106 Resp: 168861
Ion Ratio Lower Upper
106 100
91 209.4 146.6 272.2





#54

o-Xylene

Concen: 26.570 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028564.D

Acq: 02 May 2024 11:00

Instrument :

MSVOA_W

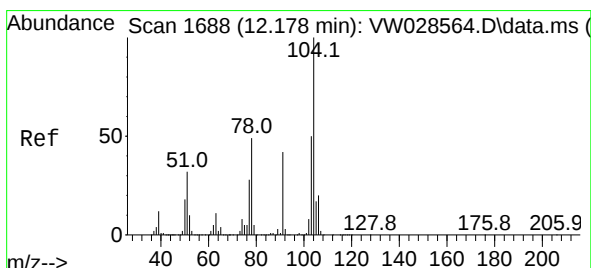
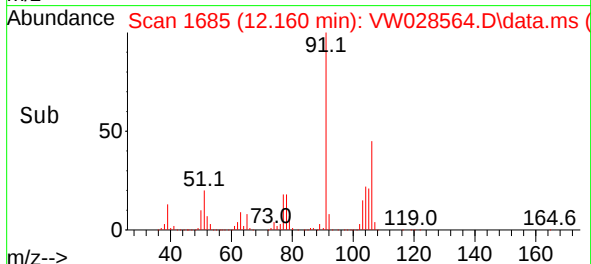
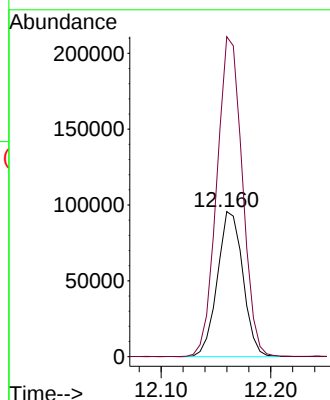
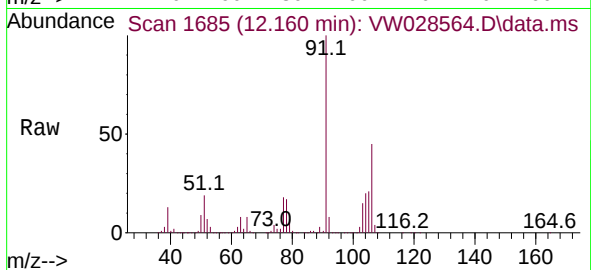
ClientSampleId :

Tgt Ion:106 Resp: 154932

Ion Ratio Lower Upper

106 100

91 220.4 154.3 286.5



#55

Styrene

Concen: 26.986 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028564.D

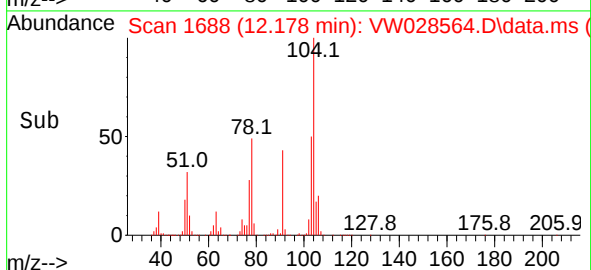
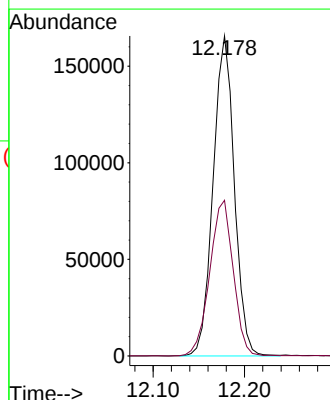
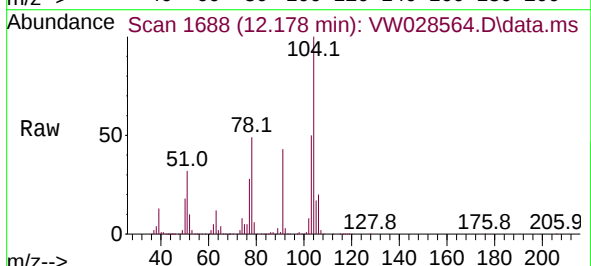
Acq: 02 May 2024 11:00

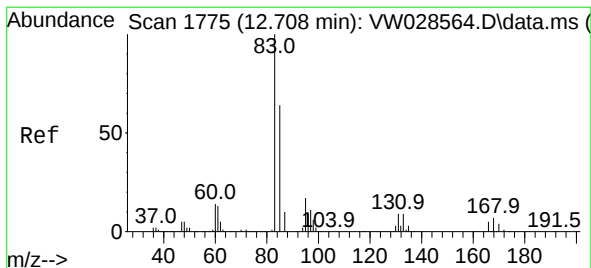
Tgt Ion:104 Resp: 266631

Ion Ratio Lower Upper

104 100

78 48.7 34.1 63.3





#57

1,1,2,2-Tetrachloroethane

Concen: 26.032 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW028564.D

Acq: 02 May 2024 11:00

Instrument :

MSVOA_W

ClientSampleId :

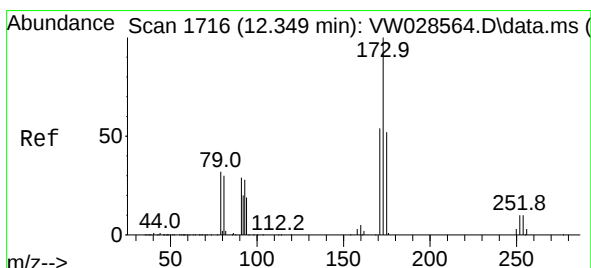
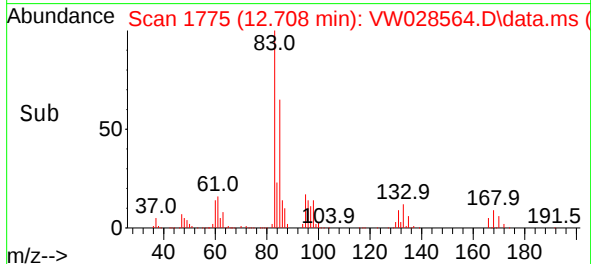
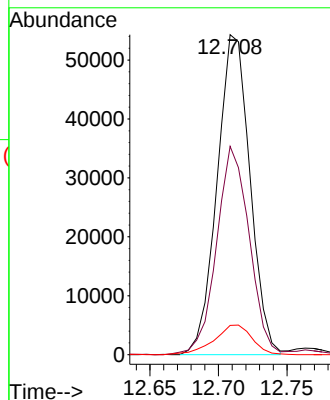
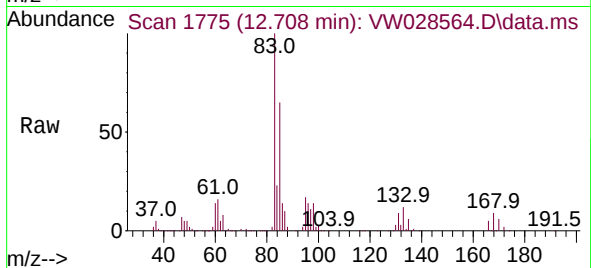
Tgt Ion: 83 Resp: 90695

Ion Ratio Lower Upper

83 100

85 65.1 45.6 84.6

131 9.1 7.3 10.9



#59

Bromoform

Concen: 25.958 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW028564.D

Acq: 02 May 2024 11:00

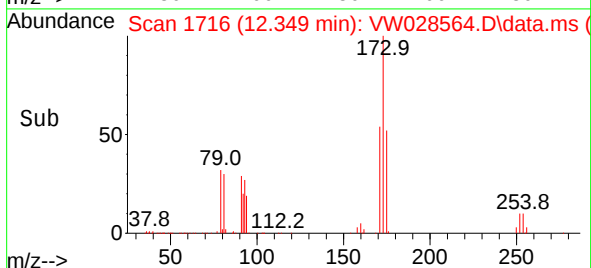
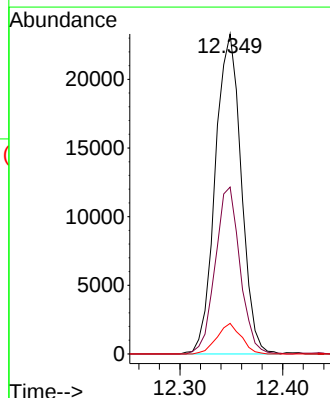
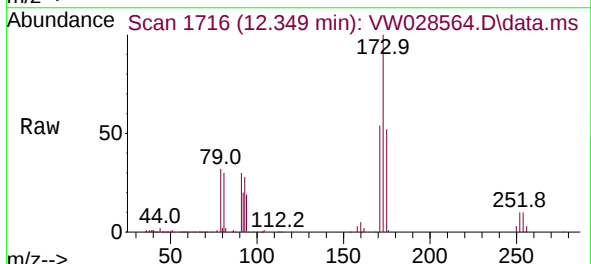
Tgt Ion:173 Resp: 40819

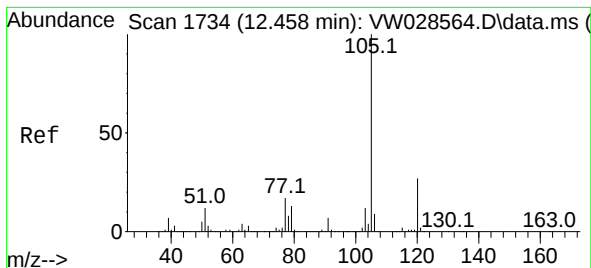
Ion Ratio Lower Upper

173 100

175 49.8 39.8 59.8

254 8.9 7.1 10.7





#60

Isopropylbenzene

Concen: 27.129 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028564.D

Acq: 02 May 2024 11:00

Instrument :

MSVOA_W

ClientSampleId :

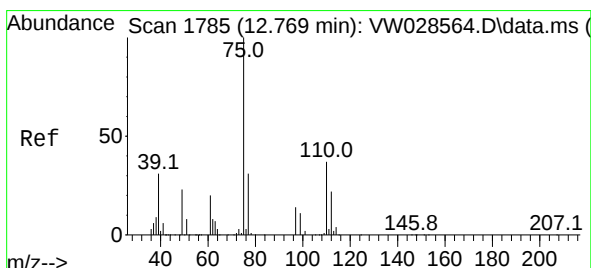
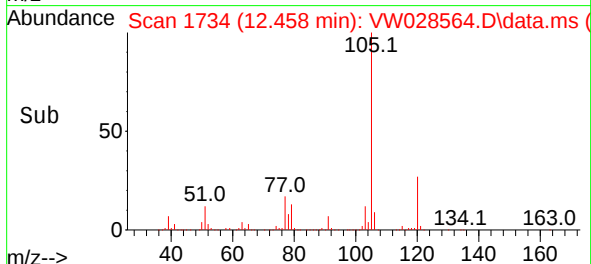
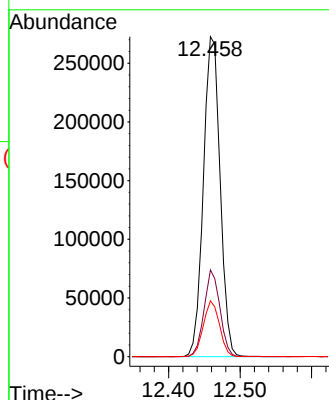
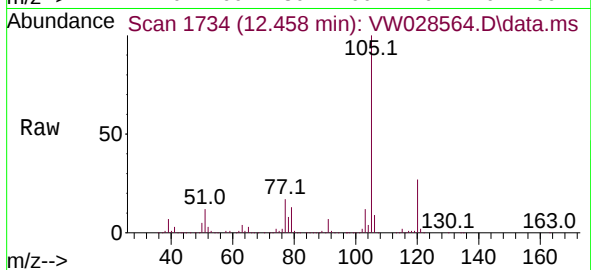
Tgt Ion:105 Resp: 443628

Ion Ratio Lower Upper

105 100

120 25.6 20.5 30.7

77 16.8 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 26.015 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VW028564.D

Acq: 02 May 2024 11:00

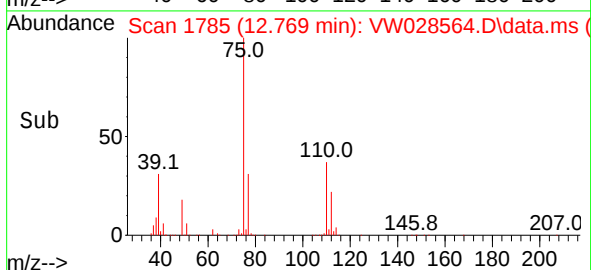
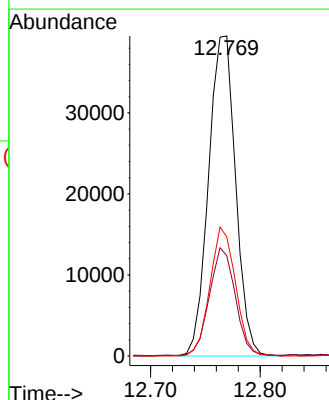
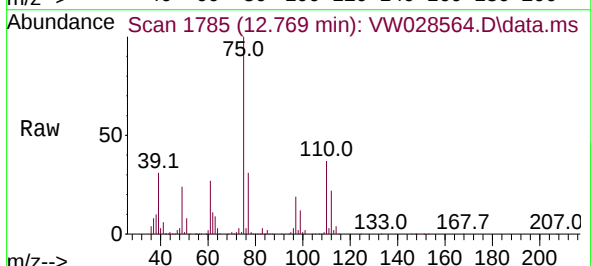
Tgt Ion: 75 Resp: 67765

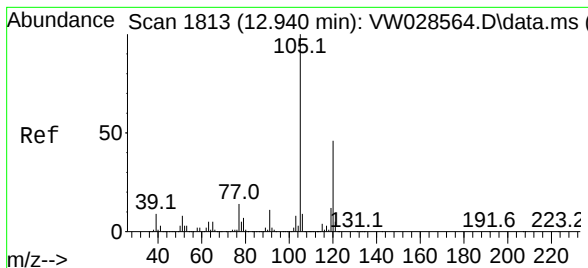
Ion Ratio Lower Upper

75 100

77 32.4 25.9 38.9

110 38.2 30.6 45.8

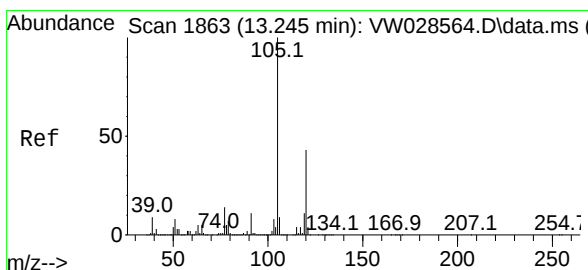
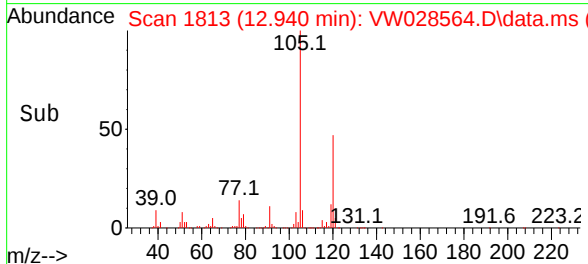
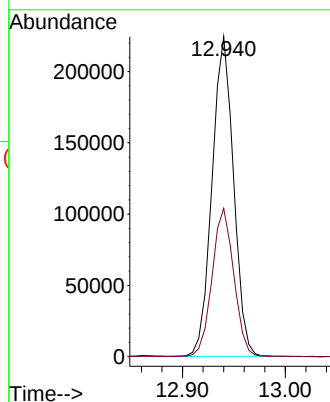
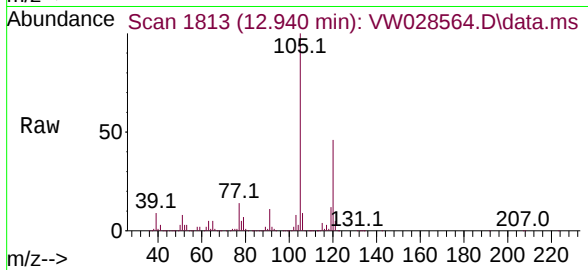




#62
1,3,5-Trimethylbenzene
Concen: 28.117 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028564.D
Acq: 02 May 2024 11:00

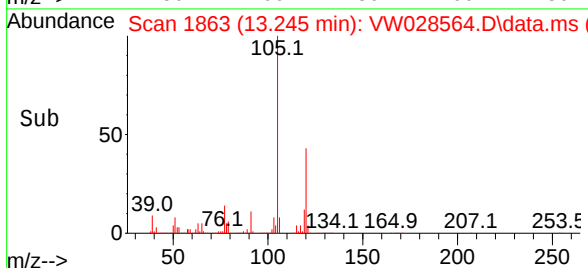
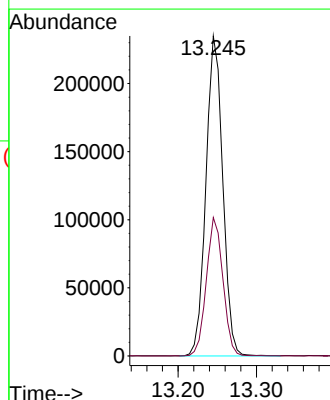
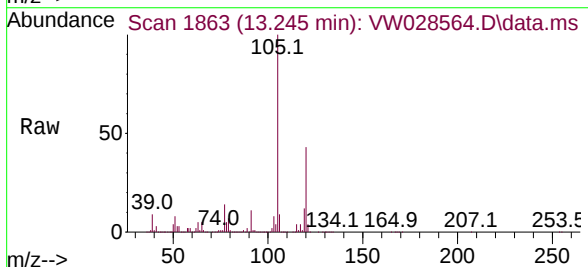
Instrument :
MSVOA_W
ClientSampleId :

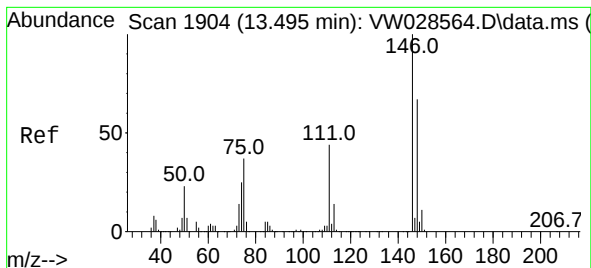
Tgt Ion:105 Resp: 325314
Ion Ratio Lower Upper
105 100
120 46.8 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 28.035 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028564.D
Acq: 02 May 2024 11:00

Tgt Ion:105 Resp: 349494
Ion Ratio Lower Upper
105 100
120 42.6 34.1 51.1

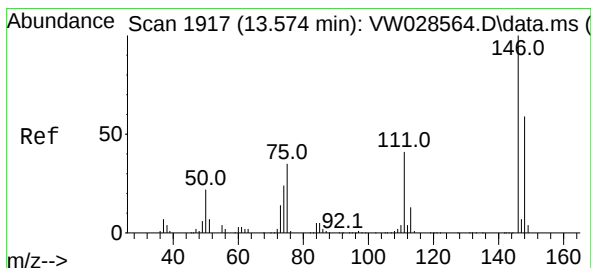
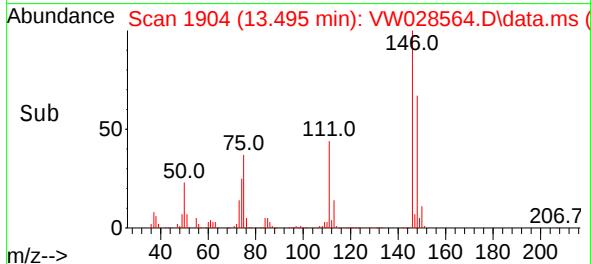
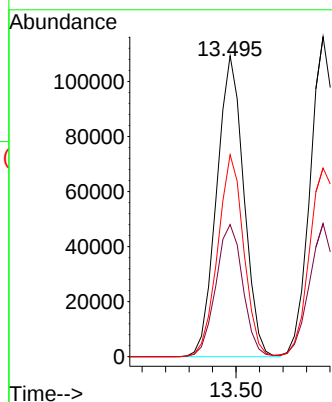
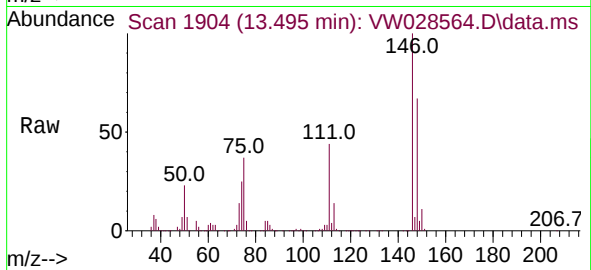




#64
1,3-Dichlorobenzene
Concen: 25.772 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028564.D
Acq: 02 May 2024 11:00

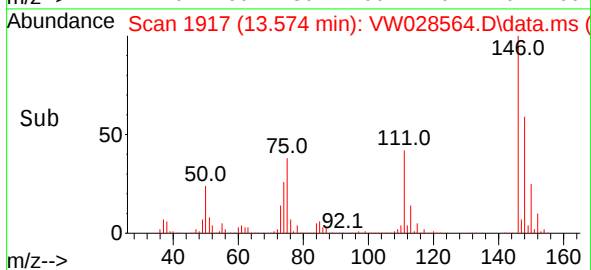
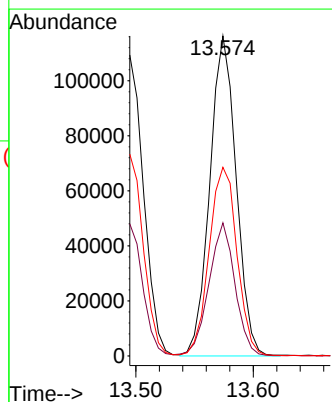
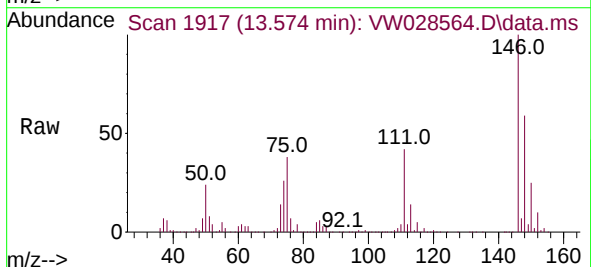
Instrument :
MSVOA_W
ClientSampleId :

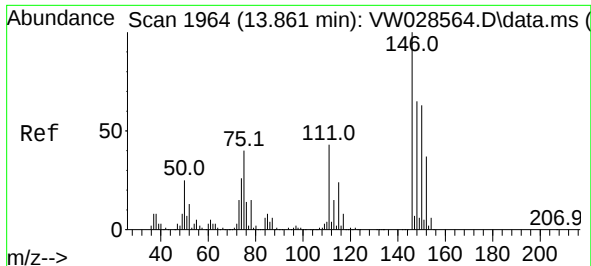
Tgt Ion:146 Resp: 175319
Ion Ratio Lower Upper
146 100
111 43.9 30.7 57.1
148 67.1 47.0 87.2



#65
1,4-Dichlorobenzene
Concen: 26.099 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028564.D
Acq: 02 May 2024 11:00

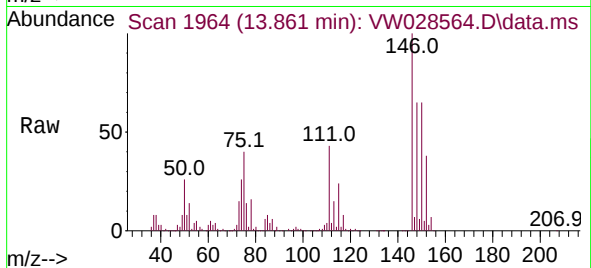
Tgt Ion:146 Resp: 181513
Ion Ratio Lower Upper
146 100
111 41.6 29.1 54.1
148 58.9 41.2 76.6



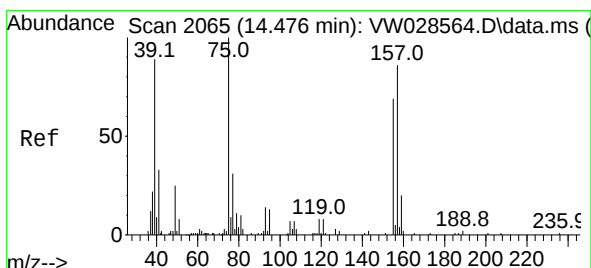
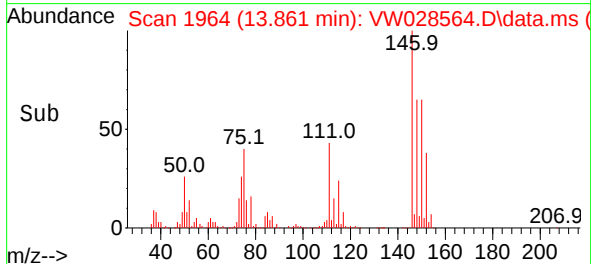
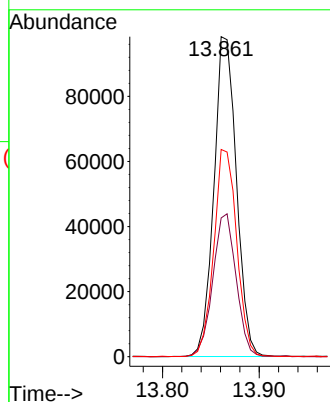


#67
1,2-Dichlorobenzene
Concen: 26.176 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VW028564.D
Acq: 02 May 2024 11:00

Instrument :
MSVOA_W
ClientSampleId :

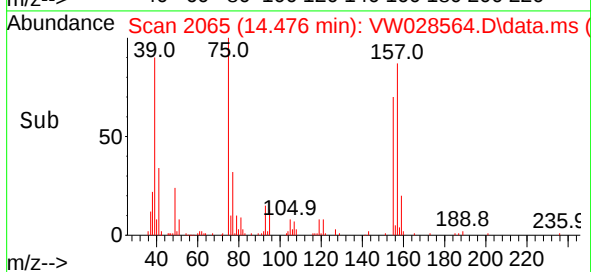
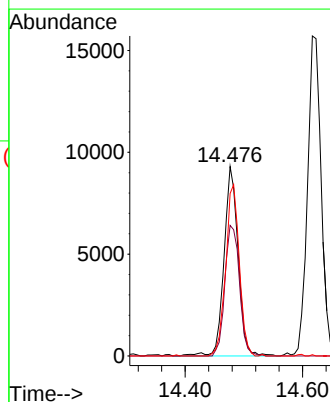
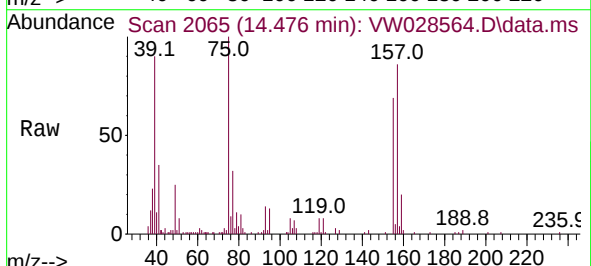


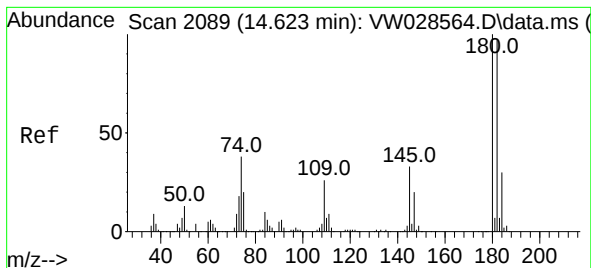
Tgt Ion:146 Resp: 159382
Ion Ratio Lower Upper
146 100
111 43.4 34.7 52.1
148 64.8 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 25.497 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW028564.D
Acq: 02 May 2024 11:00

Tgt Ion: 75 Resp: 15529
Ion Ratio Lower Upper
75 100
155 68.9 55.1 82.7
157 85.7 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 26.195 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

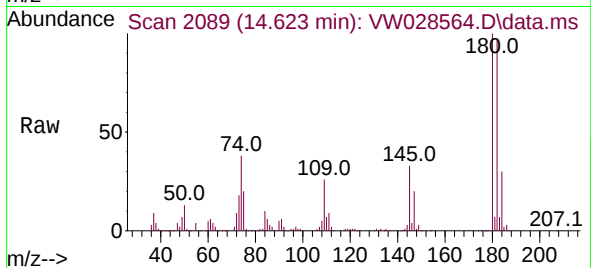
Lab File: VW028564.D

Acq: 02 May 2024 11:00

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 119579

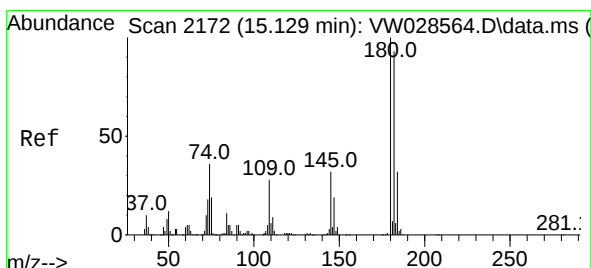
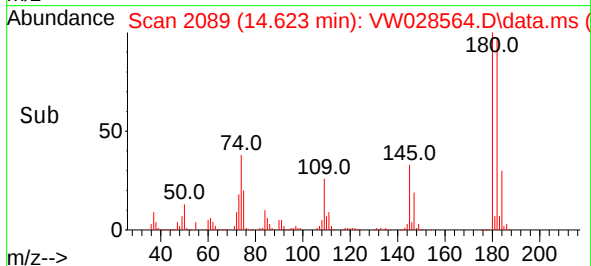
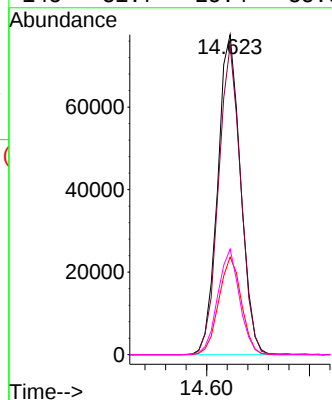
Ion Ratio Lower Upper

180 100

182 94.3 75.4 113.2

184 30.0 24.0 36.0

145 31.7 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 26.082 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW028564.D

Acq: 02 May 2024 11:00

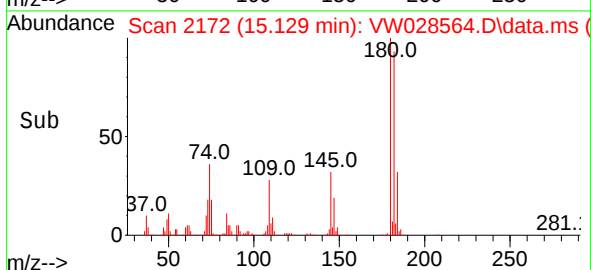
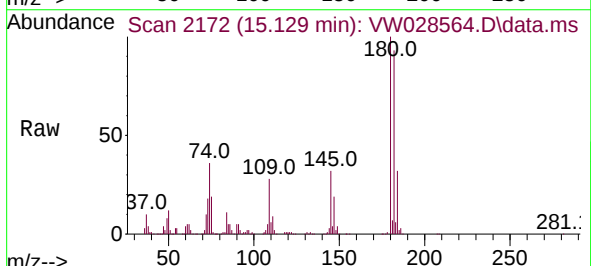
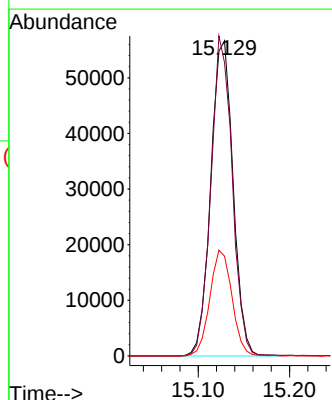
Tgt Ion:180 Resp: 96201

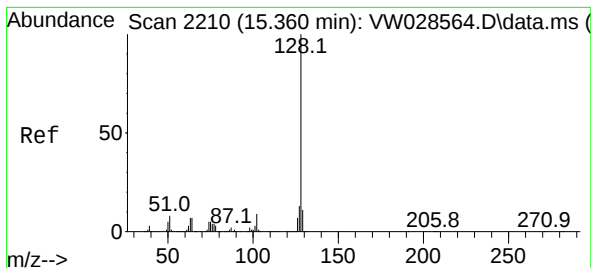
Ion Ratio Lower Upper

180 100

182 96.5 77.2 115.8

145 33.2 26.6 39.8





#71

Naphthalene

Concen: 28.292 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW028564.D

Acq: 02 May 2024 11:00

Instrument :

MSVOA_W

ClientSampleId :

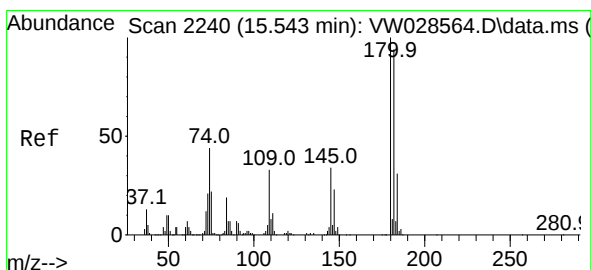
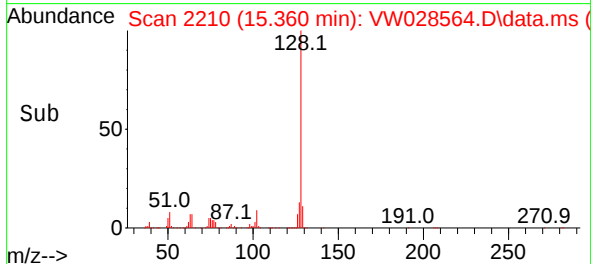
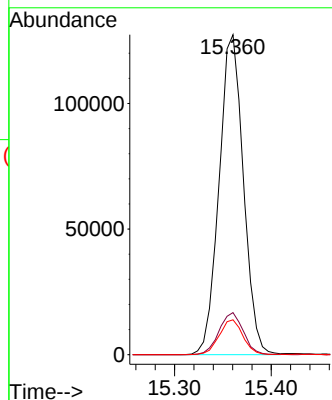
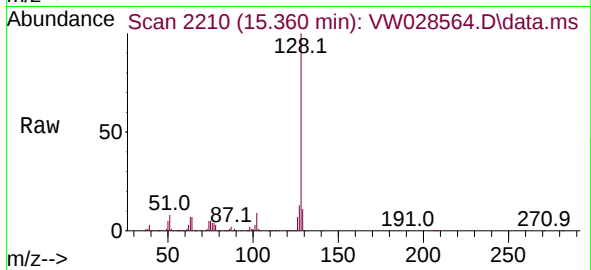
Tgt Ion:128 Resp: 222333

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.6 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 25.607 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. 0.000 min

Lab File: VW028564.D

Acq: 02 May 2024 11:00

Tgt Ion:180 Resp: 85228

Ion Ratio Lower Upper

180 100

182 95.1 76.1 114.1

145 35.4 28.3 42.5

