

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050224\
 Data File : VW028580.D
 Acq On : 02 May 2024 18:33
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 03 04:11:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 03 04:07:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	278371	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	250802	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	130428	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	127078	24.040	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.160%
7) Chloroethane-d5	2.899	69	101743	25.137	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.560%
11) 1,1-Dichloroethene-d2	4.021	65	54782	24.805	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.200%
21) 2-Butanone-d5	7.081	46	73299	53.150	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.300%
24) Chloroform-d	7.648	84	229548	26.390	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.560%
26) 1,2-Dichloroethane-d4	8.307	65	132196	26.547	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	8.270	84	447501	26.743	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.960%
36) 1,2-Dichloropropane-d6	9.270	67	135596	26.929	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.720%
41) Toluene-d8	10.325	98	405704	27.378	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.520%
43) trans-1,3-Dichloroprop...	10.575	79	55765	27.530	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.120%
47) 2-Hexanone-d5	10.922	63	51906	59.769	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.540%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	114806	27.191	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.760%
66) 1,2-Dichlorobenzene-d4	13.848	152	130248	26.201	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	97442	24.088	ug/L	93
3) Chloromethane	2.222	50	127440	25.429	ug/L	99
5) Vinyl chloride	2.375	62	140584	24.917	ug/L	99
6) Bromomethane	2.789	94	80572	24.686	ug/L	98
8) Chloroethane	2.936	64	82187	25.542	ug/L	98
9) Trichlorofluoromethane	3.265	101	108583	23.441	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	97237	22.768	ug/L	92
12) 1,1-Dichloroethene	4.045	96	95517	24.932	ug/L	95
13) Acetone	4.118	43	61423	48.958	ug/L	100
14) Carbon disulfide	4.393	76	322364	24.897	ug/L	99
15) Methyl Acetate	4.667	43	59023	27.041	ug/L	99
16) Methylene chloride	4.923	84	108044	25.096	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	101331	25.405	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	164000	27.862	ug/L	100
19) 1,1-Dichloroethane	6.222	63	204696	25.880	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	112489	26.948	ug/L	93
22) 2-Butanone	7.167	43	82670	51.337	ug/L	99
23) Bromochloromethane	7.508	128	46666	25.629	ug/L	91
25) Chloroform	7.679	83	203504	26.601	ug/L	98

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 Response via : Initial Calibration

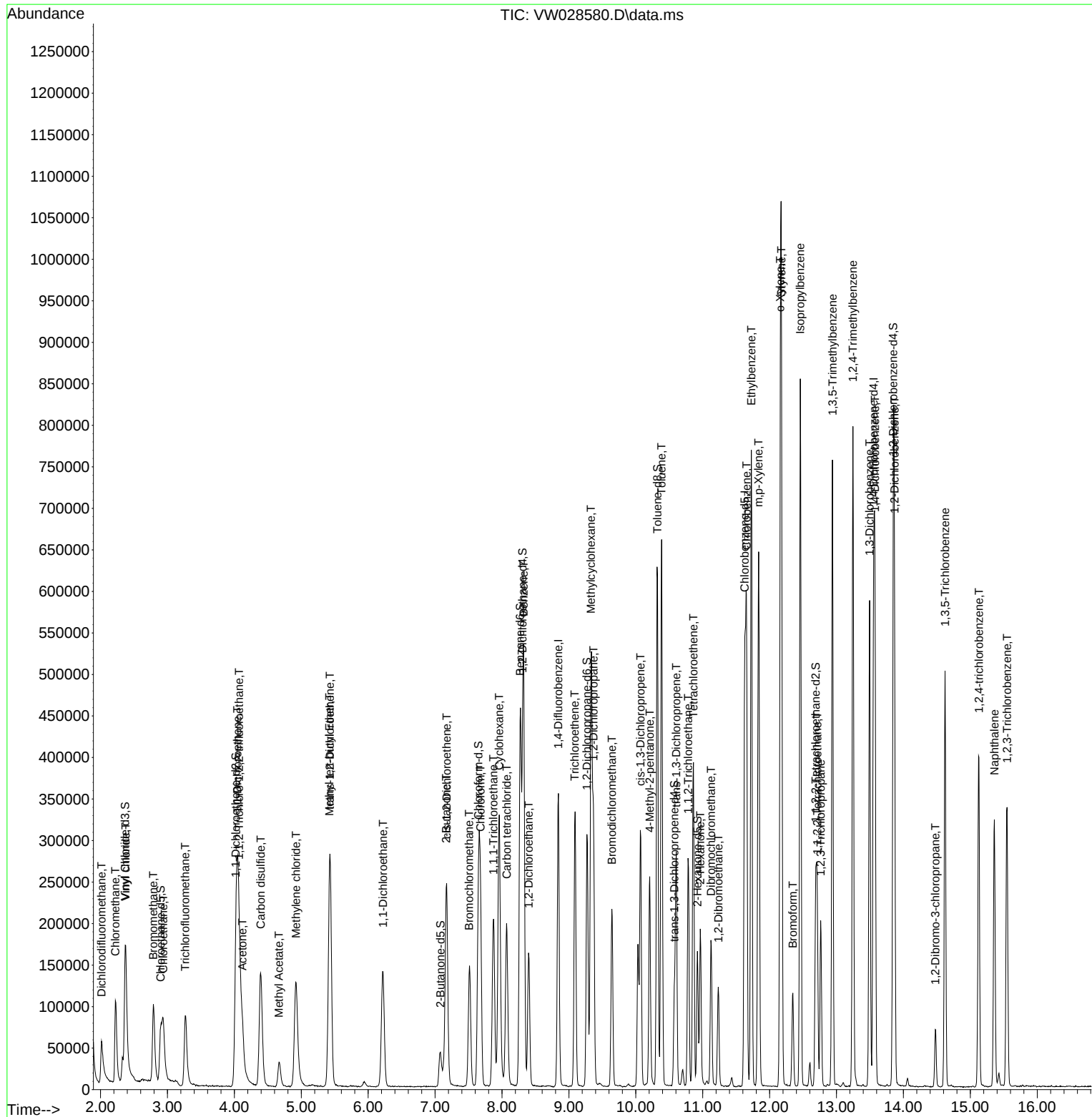
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	147990	26.612	ug/L	98
29) Cyclohexane	7.959	56	186707	26.109	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	164479	26.171	ug/L	98
31) Carbon tetrachloride	8.069	117	143793	25.094	ug/L	100
33) Benzene	8.325	78	436151	26.818	ug/L	100
34) Trichloroethene	9.087	95	115391	26.463	ug/L	95
35) Methylcyclohexane	9.331	83	200359	26.293	ug/L	99
37) 1,2-Dichloropropane	9.368	63	114427	27.001	ug/L	100
38) Bromodichloromethane	9.642	83	142467	27.578	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	172021	28.321	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	168662	58.477	ug/L	100
42) Toluene	10.386	91	457827	27.255	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	145957	28.500	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	82491	26.871	ug/L	96
46) Tetrachloroethene	10.861	164	81843	26.051	ug/L	95
48) 2-Hexanone	10.965	43	121275	59.558	ug/L	98
49) Dibromochloromethane	11.123	129	87363	28.372	ug/L	95
50) 1,2-Dibromoethane	11.233	107	80328	27.933	ug/L	94
51) Chlorobenzene	11.654	112	277819	26.738	ug/L	100
52) Ethylbenzene	11.727	91	521069	27.411	ug/L	97
53) m,p-Xylene	11.837	106	192673	27.651	ug/L	96
54) o-Xylene	12.160	106	182184	28.262	ug/L	100
55) Styrene	12.178	104	310440	28.421	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	106526	27.658	ug/L	96
59) Bromoform	12.349	173	48710	25.599	ug/L	97
60) Isopropylbenzene	12.458	105	510041	25.776	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	80036	25.391	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	375072	26.790	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	402990	26.715	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	205831	25.004	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	207656	24.674	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	193507	26.264	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	17989	24.409	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	137501	24.892	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	119104	26.686	ug/L	99
71) Naphthalene	15.360	128	261387	27.488	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	103167	25.616	ug/L	98

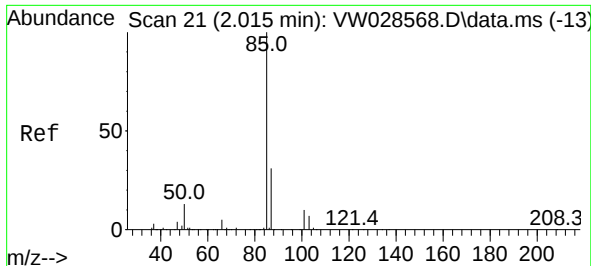
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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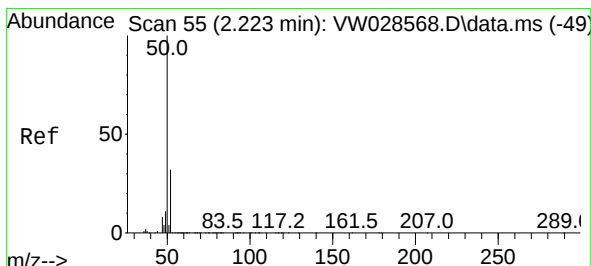
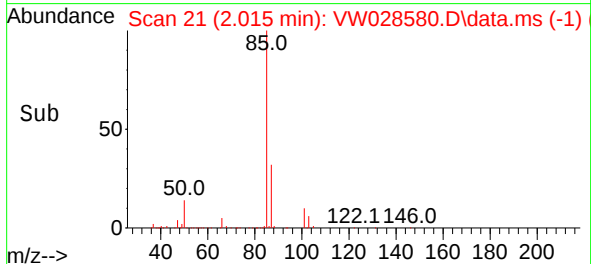
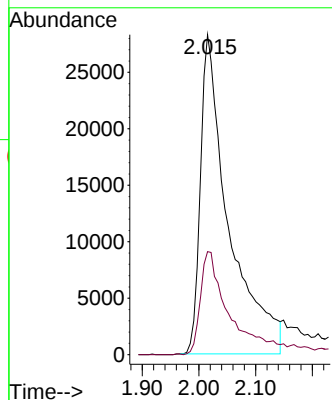
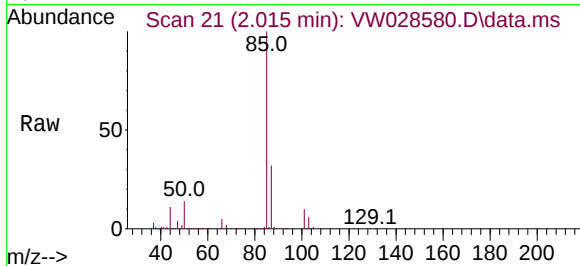




#2
Dichlorodifluoromethane
Concen: 24.088 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW028580.D
Acq: 02 May 2024 18:33

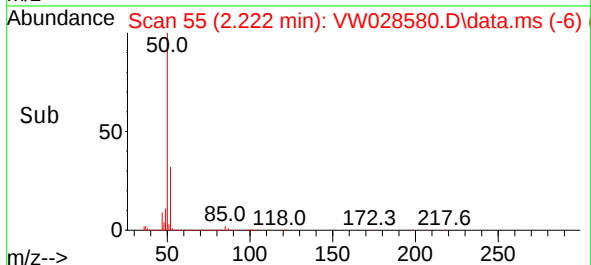
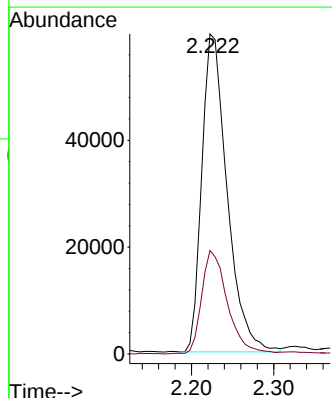
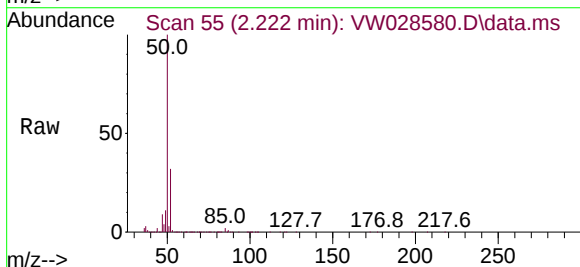
Instrument :
MSVOA_W
ClientSampleId :

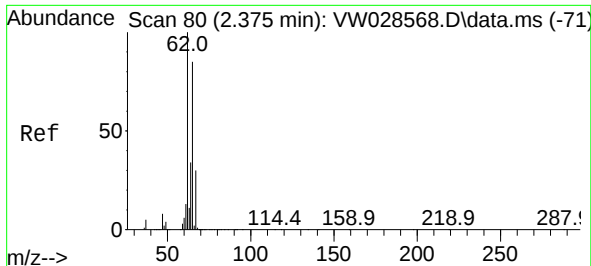
Tgt Ion: 85 Resp: 97442
Ion Ratio Lower Upper
85 100
87 31.2 21.9 32.9



#3
Chloromethane
Concen: 25.429 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW028580.D
Acq: 02 May 2024 18:33

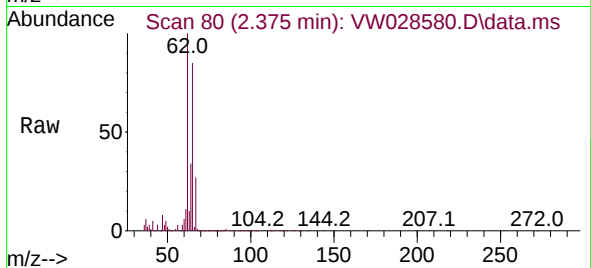
Tgt Ion: 50 Resp: 127440
Ion Ratio Lower Upper
50 100
52 32.3 22.0 41.0



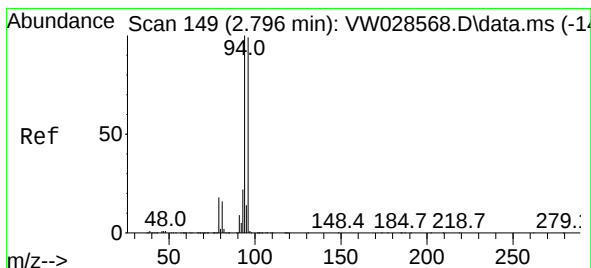
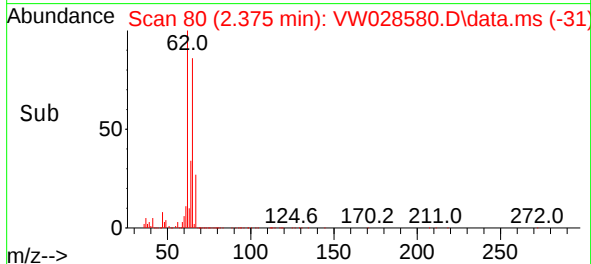
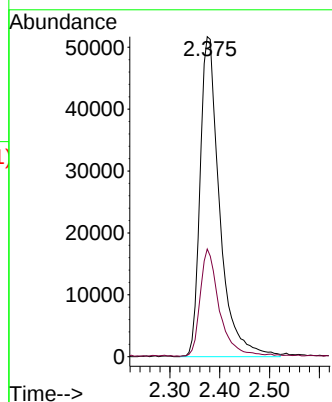


#5
 Vinyl chloride
 Concen: 24.917 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028580.D
 Acq: 02 May 2024 18:33

Instrument :
 MSVOA_W
 ClientSampleId :

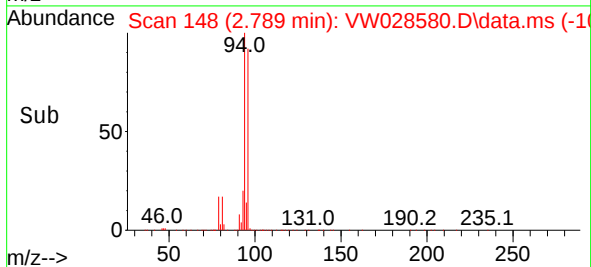
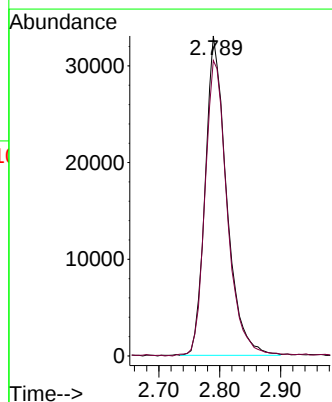
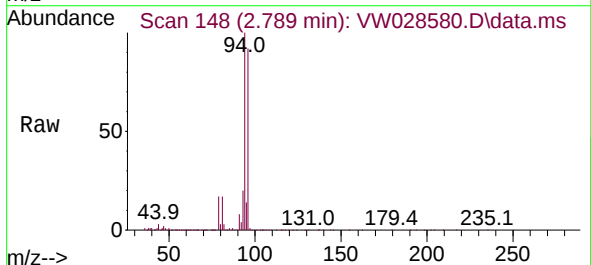


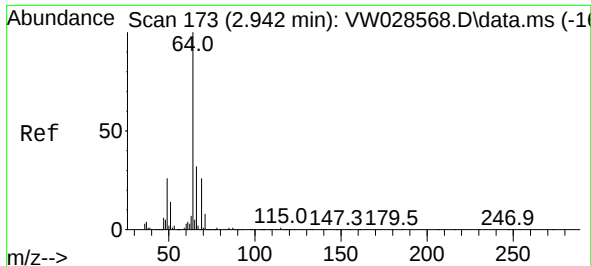
Tgt Ion: 62 Resp: 140584
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.3 43.3



#6
 Bromomethane
 Concen: 24.686 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW028580.D
 Acq: 02 May 2024 18:33

Tgt Ion: 94 Resp: 80572
 Ion Ratio Lower Upper
 94 100
 96 92.4 66.3 123.1

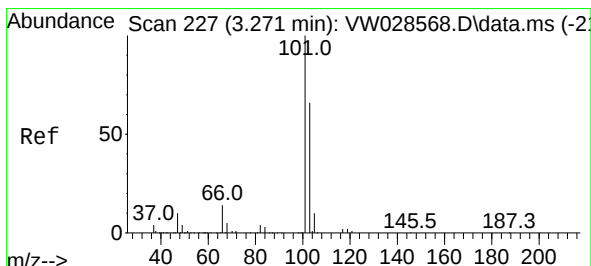
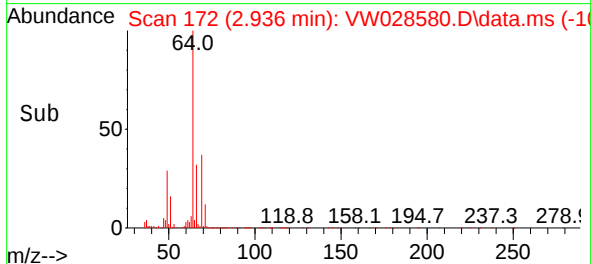
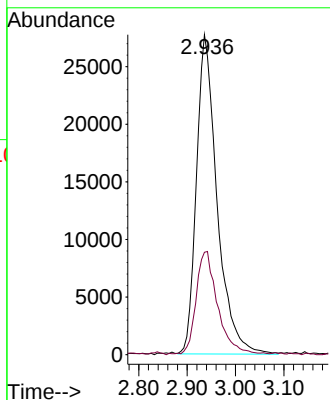
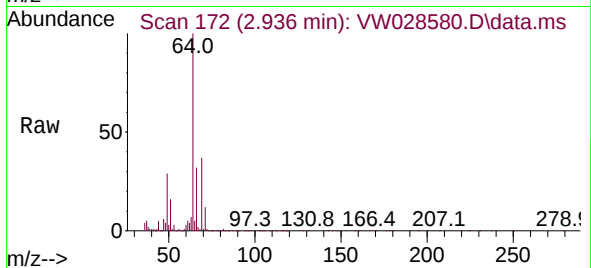




#8
Chloroethane
Concen: 25.542 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW028580.D
Acq: 02 May 2024 18:33

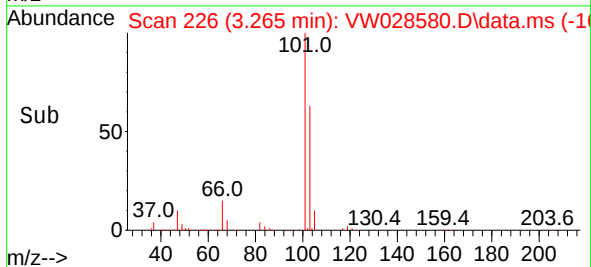
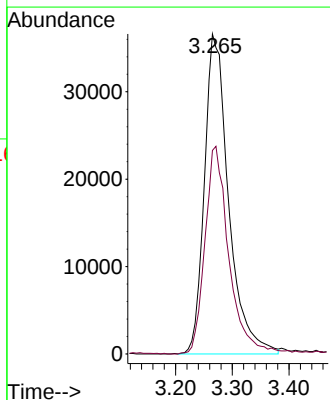
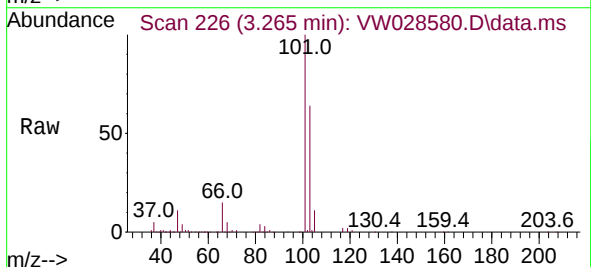
Instrument :
MSVOA_W
ClientSampleId :

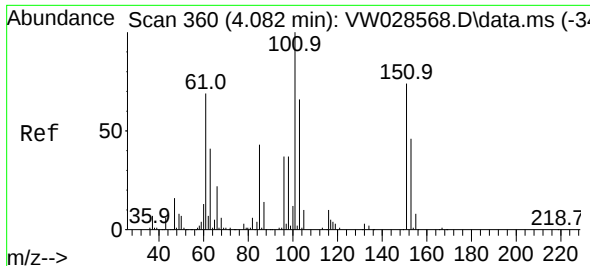
Tgt Ion: 64 Resp: 82187
Ion Ratio Lower Upper
64 100
66 32.0 21.7 40.3



#9
Trichlorofluoromethane
Concen: 23.441 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW028580.D
Acq: 02 May 2024 18:33

Tgt Ion:101 Resp: 108583
Ion Ratio Lower Upper
101 100
103 63.3 50.4 75.6





#10

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

Concen: 22.768 ug/L

RT: 4.070 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW028580.D

Acq: 02 May 2024 18:33

Instrument :

MSVOA_W

ClientSampleId :

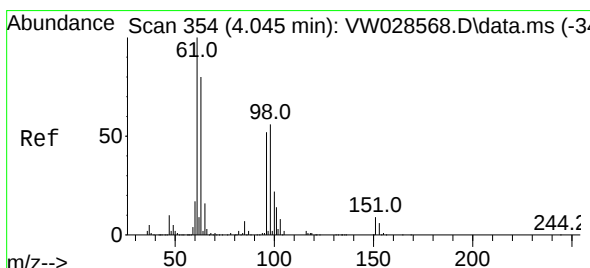
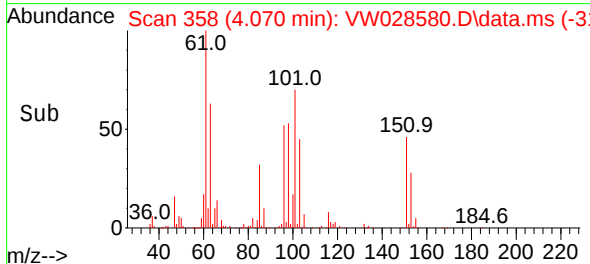
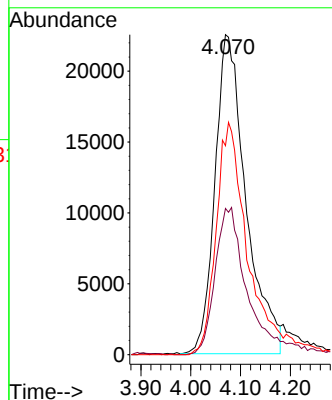
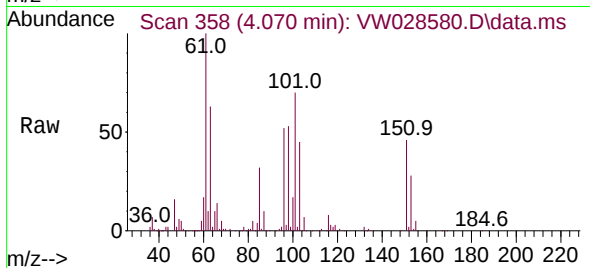
Tgt Ion:101 Resp: 97237

Ion Ratio Lower Upper

101 100

85 46.6 35.8 53.8

151 71.7 49.6 74.4



#12

1,1-Dichloroethene

Concen: 24.932 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW028580.D

Acq: 02 May 2024 18:33

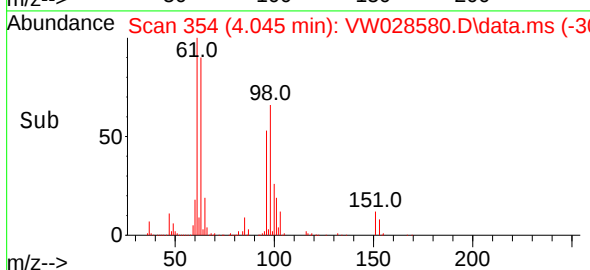
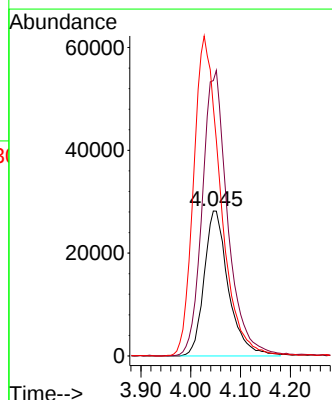
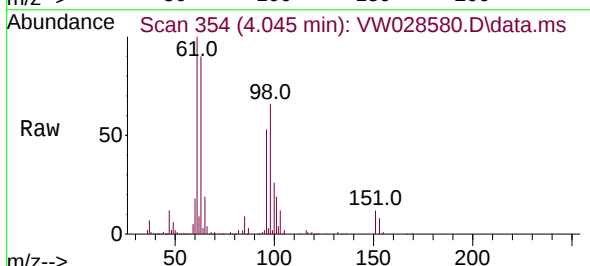
Tgt Ion: 96 Resp: 95517

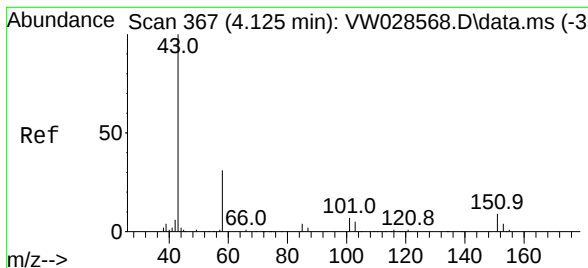
Ion Ratio Lower Upper

96 100

61 190.0 131.6 244.4

63 171.7 111.4 206.8





#13

Acetone

Concen: 48.958 ug/L

RT: 4.118 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW028580.D

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MSVOA_W

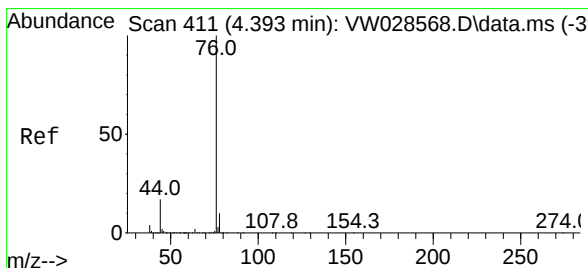
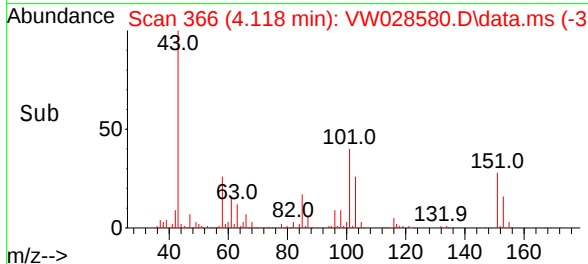
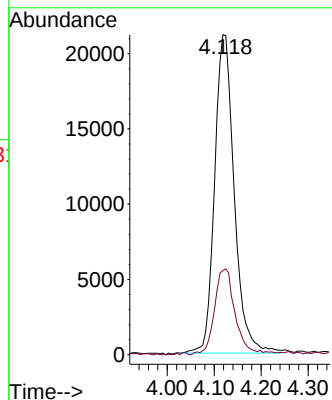
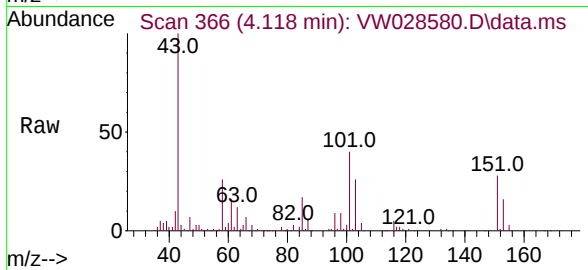
ClientSampleId :

Tgt Ion: 43 Resp: 61423

Ion Ratio Lower Upper

43 100

58 27.3 0.0 54.4



#14

Carbon disulfide

Concen: 24.897 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

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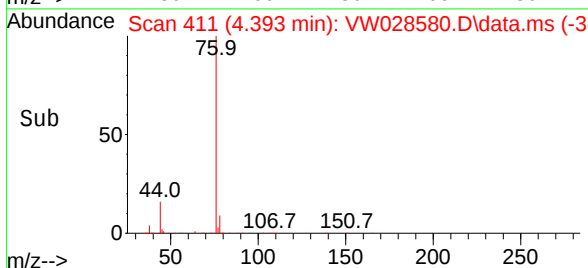
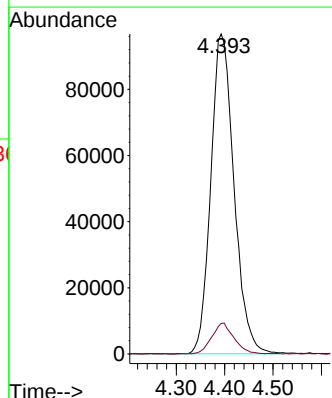
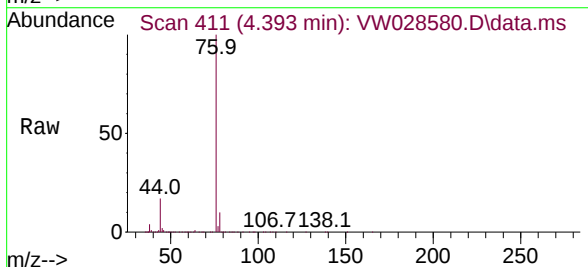
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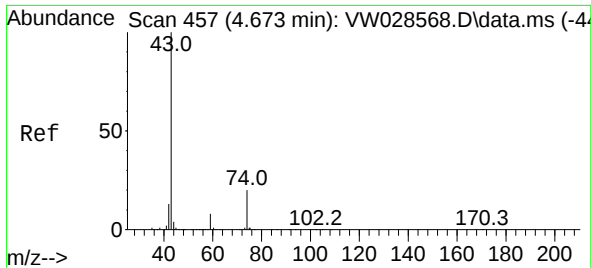
Tgt Ion: 76 Resp: 322364

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0

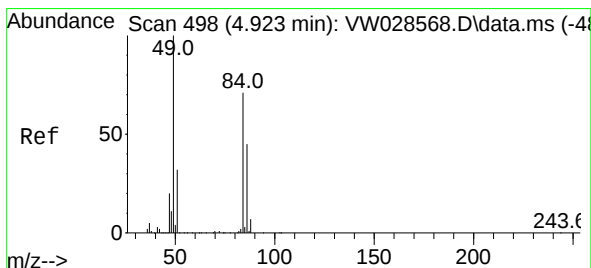
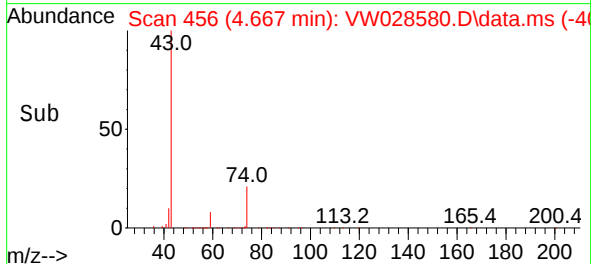
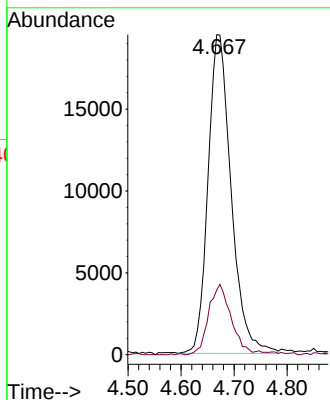
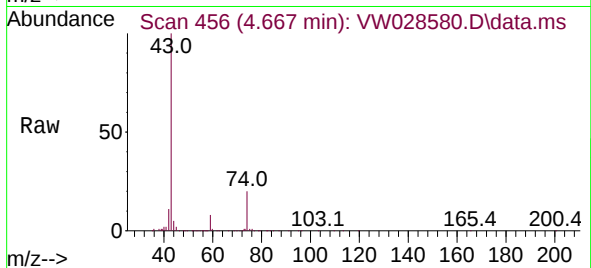




#15
Methyl Acetate
Concen: 27.041 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW028580.D
Acq: 02 May 2024 18:33

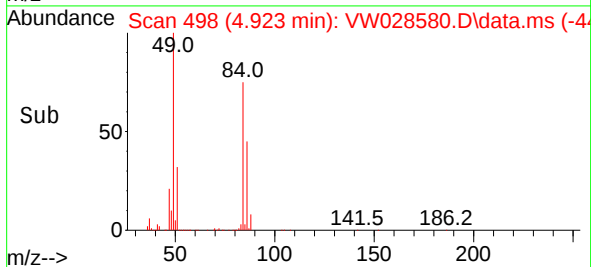
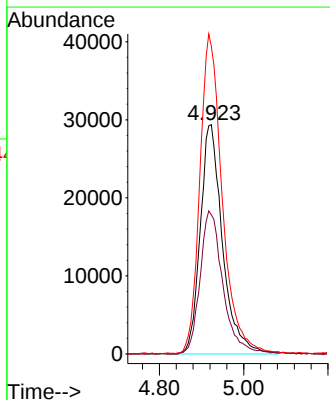
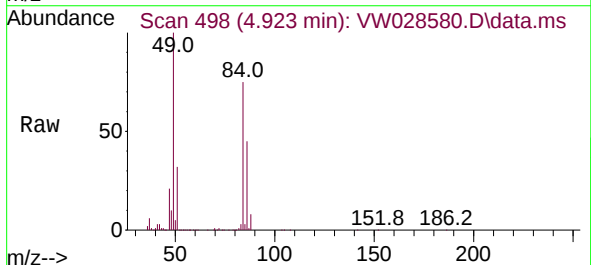
Instrument :
MSVOA_W
ClientSampleId :

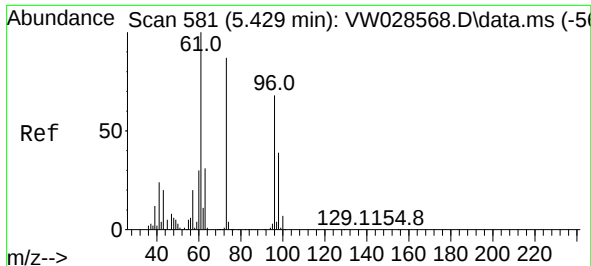
Tgt Ion: 43 Resp: 59023
Ion Ratio Lower Upper
43 100
74 21.4 17.6 26.4



#16
Methylene chloride
Concen: 25.096 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW028580.D
Acq: 02 May 2024 18:33

Tgt Ion: 84 Resp: 108044
Ion Ratio Lower Upper
84 100
86 60.7 44.4 82.4
49 134.2 100.2 186.2





#17

trans-1,2-Dichloroethene

Concen: 25.405 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW028580.D

Acq: 02 May 2024 18:33

Instrument :

MSVOA_W

ClientSampleId :

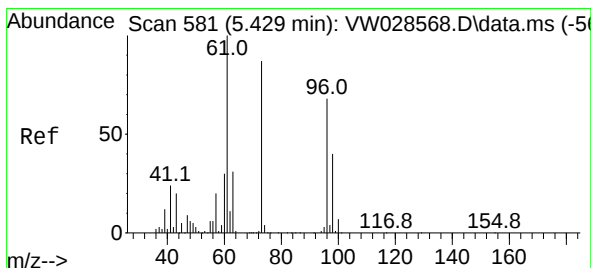
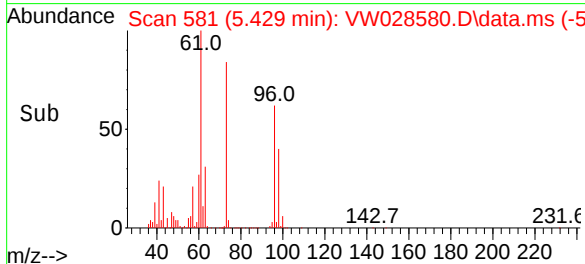
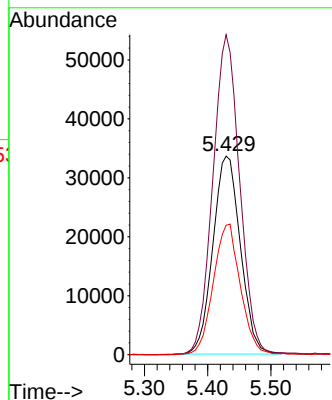
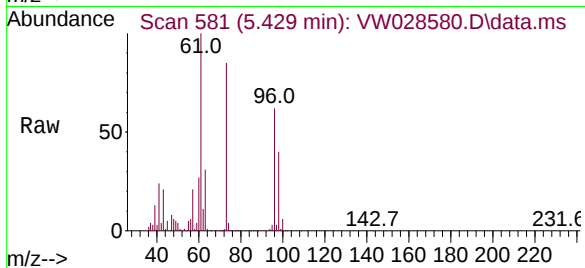
Tgt Ion: 96 Resp: 101331

Ion Ratio Lower Upper

96 100

61 161.1 109.0 202.4

98 65.1 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 27.862 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW028580.D

Acq: 02 May 2024 18:33

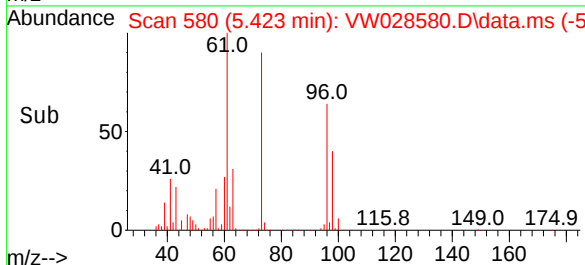
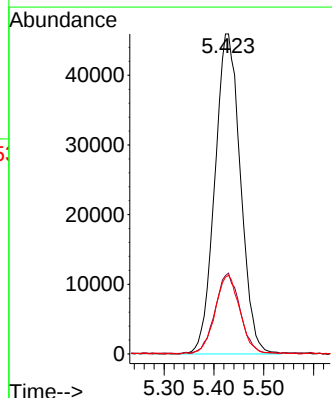
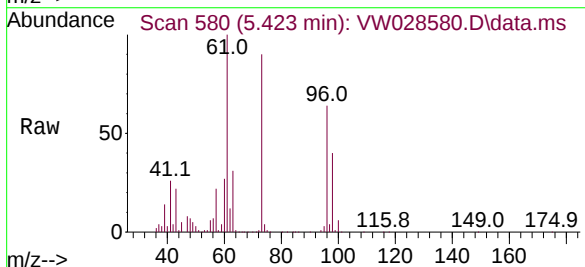
Tgt Ion: 73 Resp: 164000

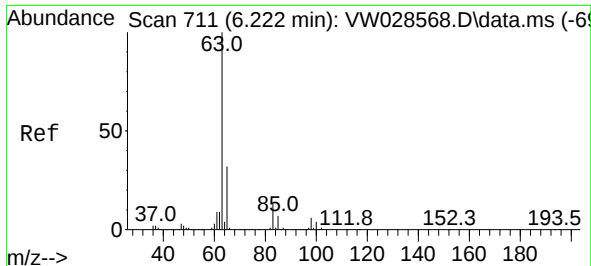
Ion Ratio Lower Upper

73 100

43 24.2 19.2 28.8

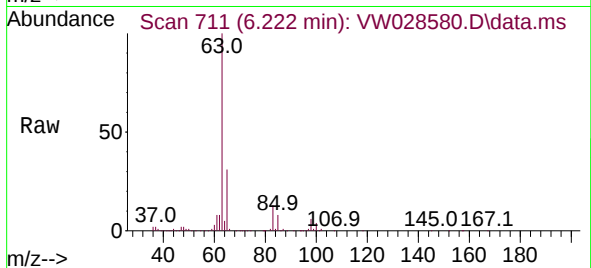
57 23.3 18.5 27.7



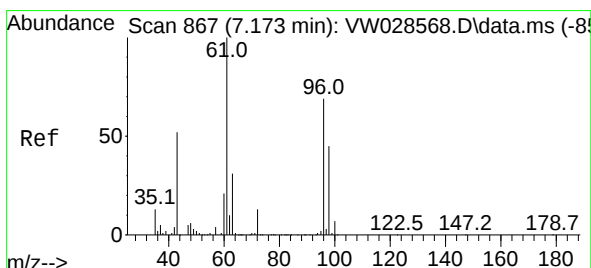
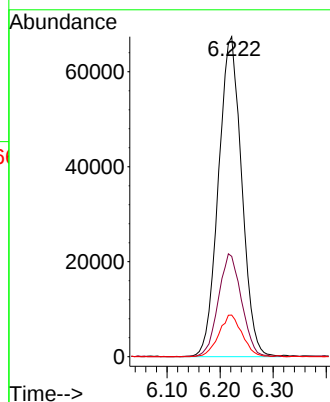
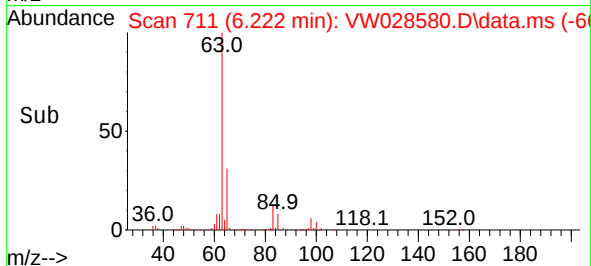


#19
1,1-Dichloroethane
Concen: 25.880 ug/L
RT: 6.222 min Scan# 711
Delta R.T. -0.000 min
Lab File: VW028580.D
Acq: 02 May 2024 18:33

Instrument :
MSVOA_W
ClientSampleId :

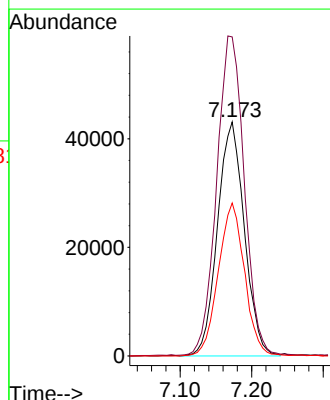
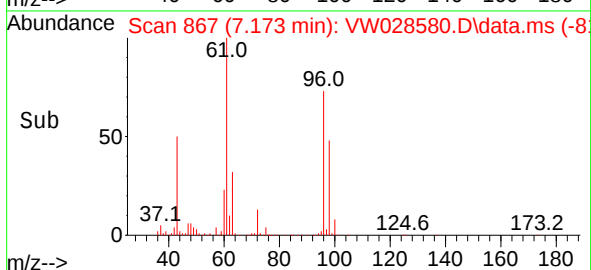
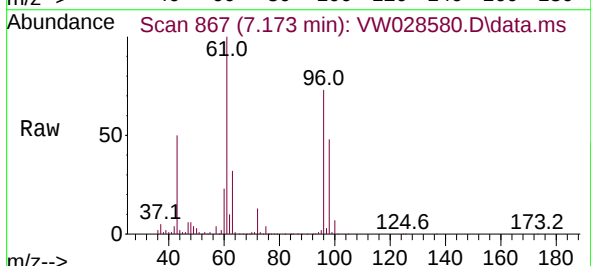


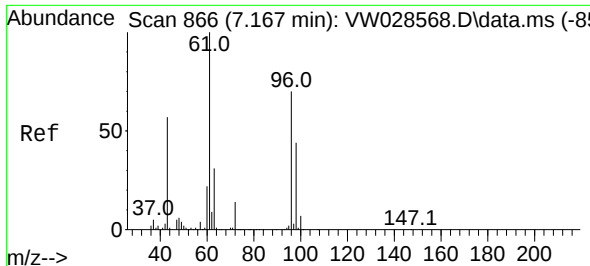
Tgt Ion: 63 Resp: 204696
Ion Ratio Lower Upper
63 100
65 31.3 22.9 42.5
83 13.0 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 26.948 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW028580.D
Acq: 02 May 2024 18:33

Tgt Ion: 96 Resp: 112489
Ion Ratio Lower Upper
96 100
61 136.3 102.8 191.0
98 65.3 44.3 82.3

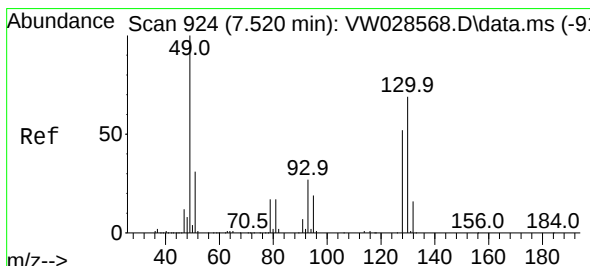
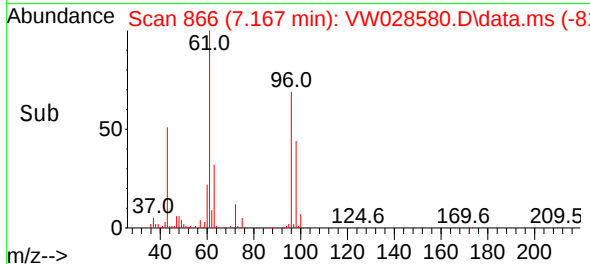
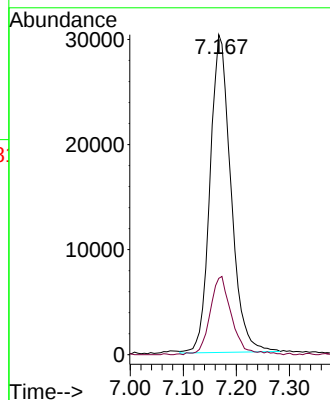
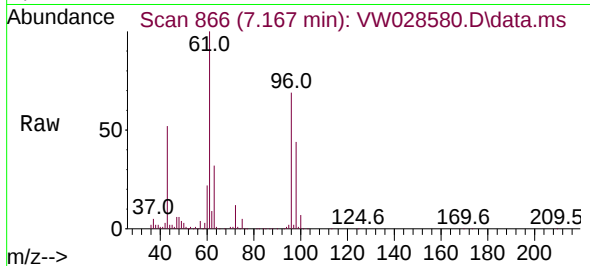




#22
2-Butanone
Concen: 51.337 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW028580.D
Acq: 02 May 2024 18:33

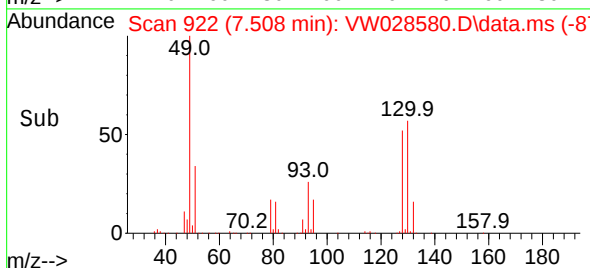
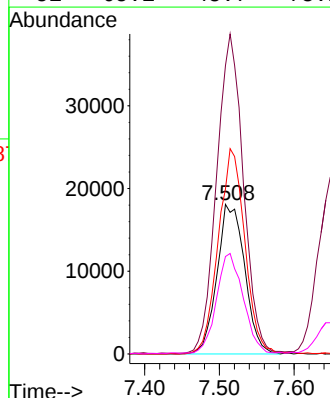
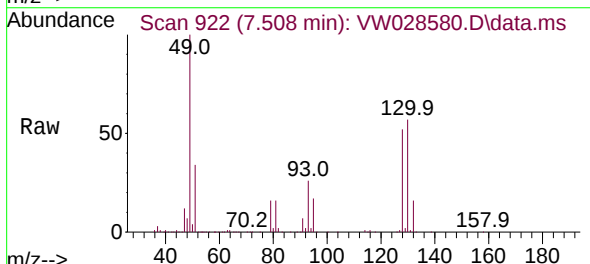
Instrument :
MSVOA_W
ClientSampleId :

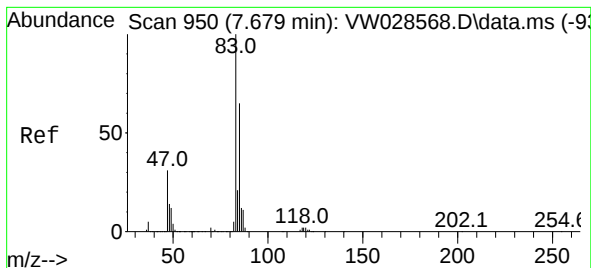
Tgt Ion: 43 Resp: 82670
Ion Ratio Lower Upper
43 100
72 23.8 12.2 36.6



#23
Bromochloromethane
Concen: 25.629 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.012 min
Lab File: VW028580.D
Acq: 02 May 2024 18:33

Tgt Ion: 128 Resp: 46666
Ion Ratio Lower Upper
128 100
49 192.9 139.6 259.2
130 110.4 91.2 169.4
51 65.1 48.7 73.1





#25

Chloroform

Concen: 26.601 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW028580.D

Acq: 02 May 2024 18:33

Instrument :

MSVOA_W

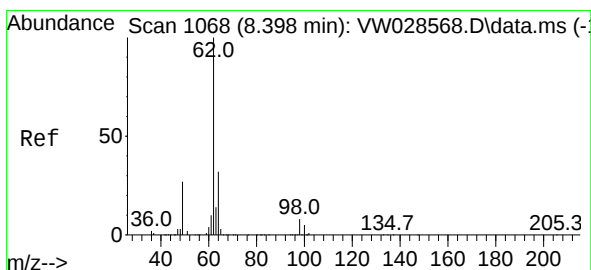
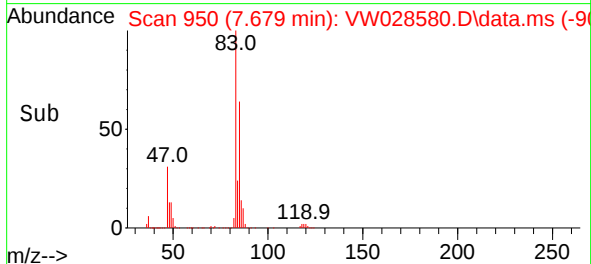
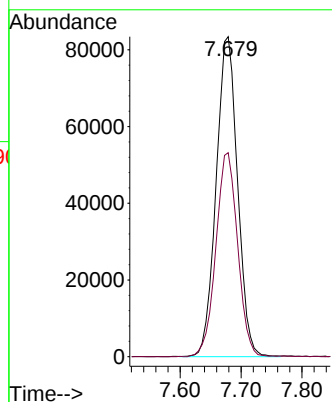
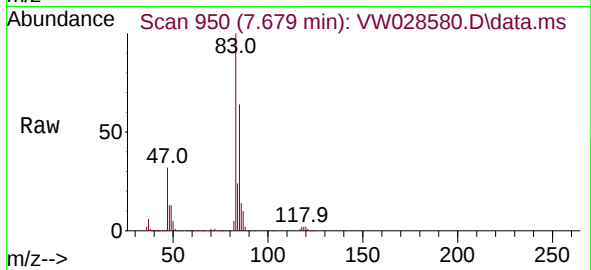
ClientSampleId :

Tgt Ion: 83 Resp: 203504

Ion Ratio Lower Upper

83 100

85 63.8 43.4 80.6



#27

1,2-Dichloroethane

Concen: 26.612 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028580.D

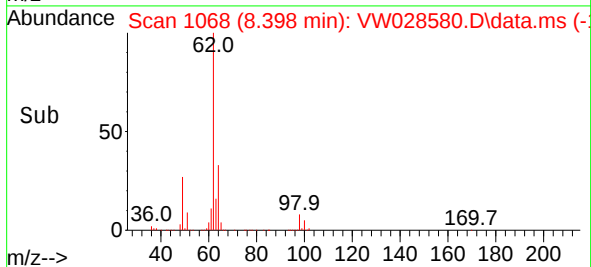
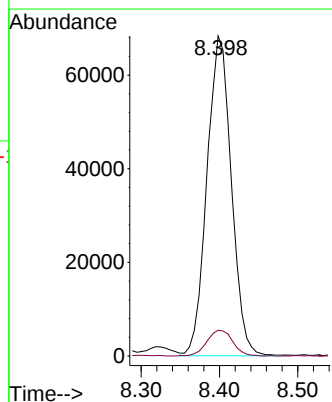
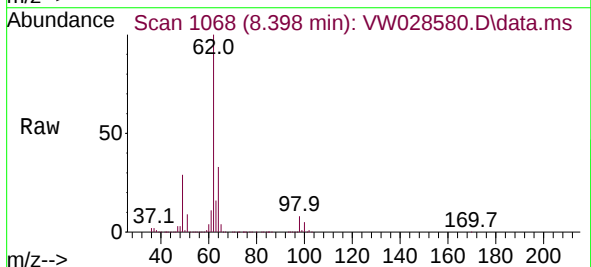
Acq: 02 May 2024 18:33

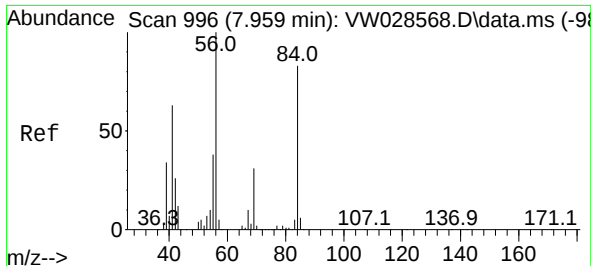
Tgt Ion: 62 Resp: 147990

Ion Ratio Lower Upper

62 100

98 8.1 7.0 10.6





#29

Cyclohexane

Concen: 26.109 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

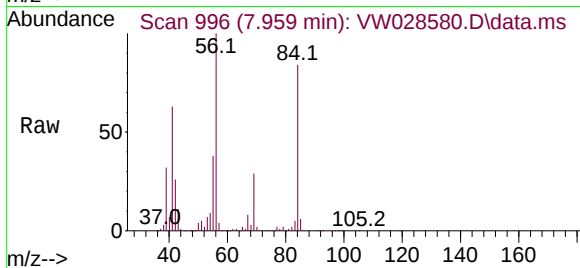
Lab File: VW028580.D

Acq: 02 May 2024 18:33

Instrument :

MSVOA_W

ClientSampleId :



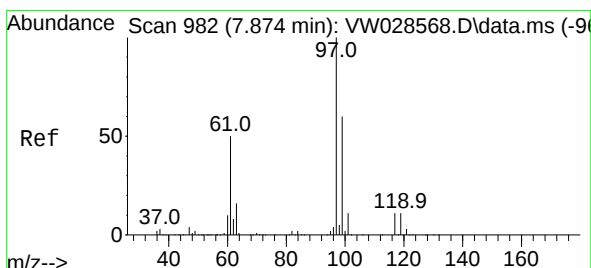
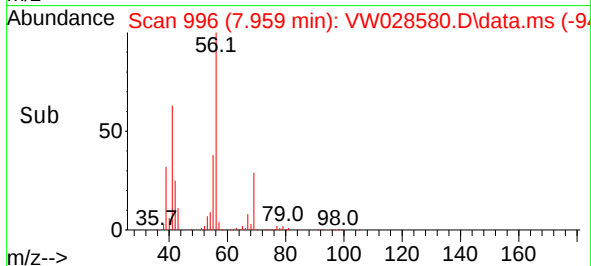
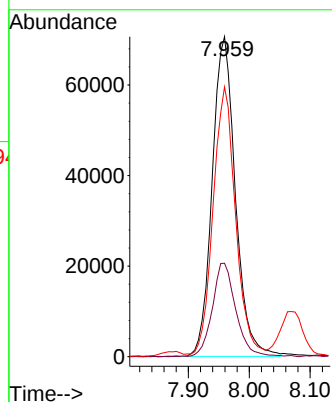
Tgt Ion: 56 Resp: 186707

Ion Ratio Lower Upper

56 100

69 29.6 23.4 35.0

84 81.9 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 26.171 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028580.D

Acq: 02 May 2024 18:33

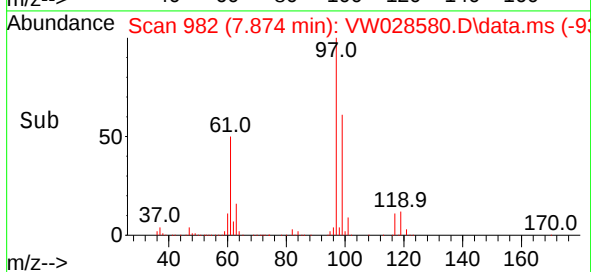
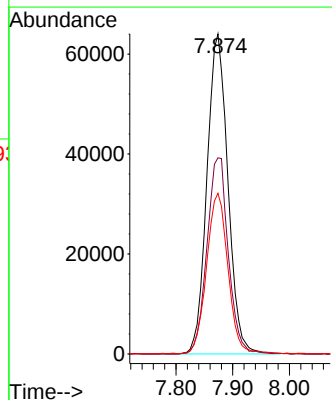
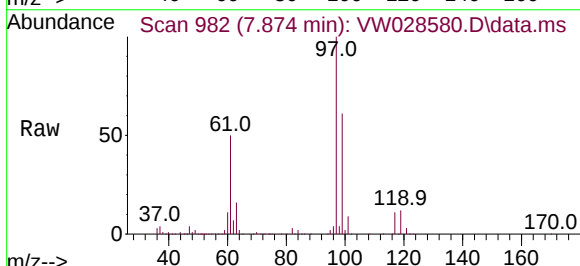
Tgt Ion: 97 Resp: 164479

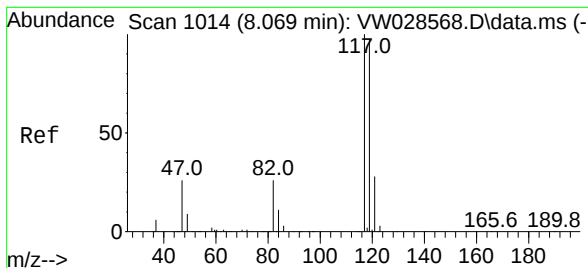
Ion Ratio Lower Upper

97 100

99 62.0 50.9 76.3

61 50.4 41.0 61.6

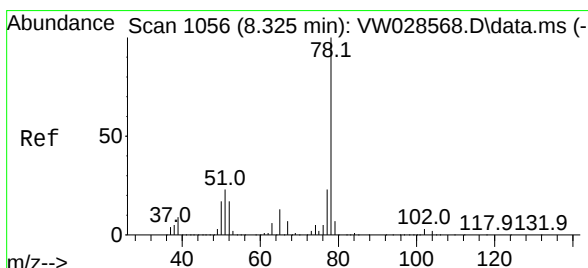
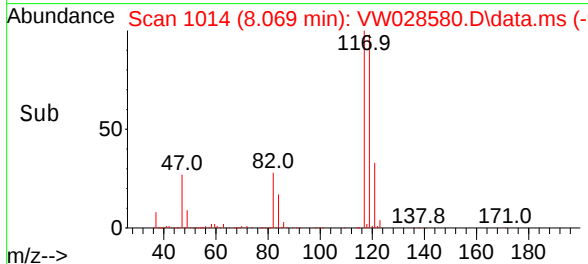
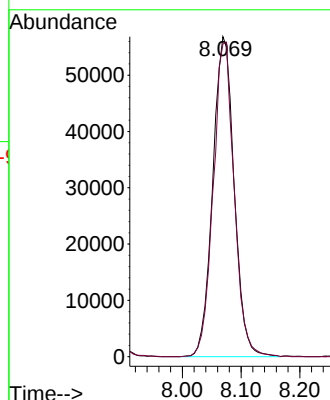
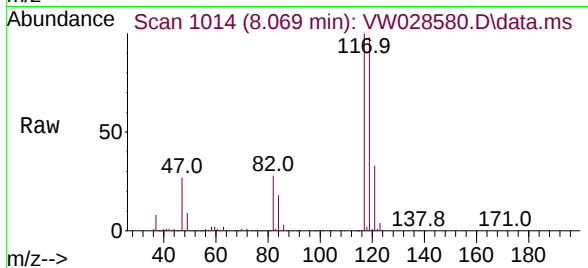




#31
Carbon tetrachloride
Concen: 25.094 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW028580.D
Acq: 02 May 2024 18:33

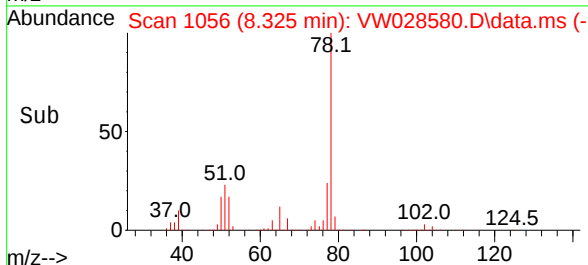
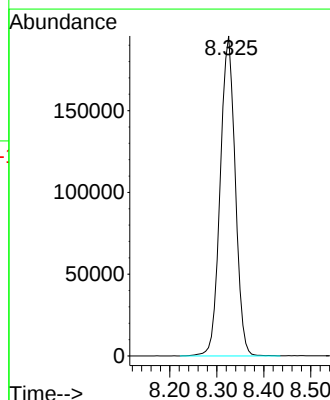
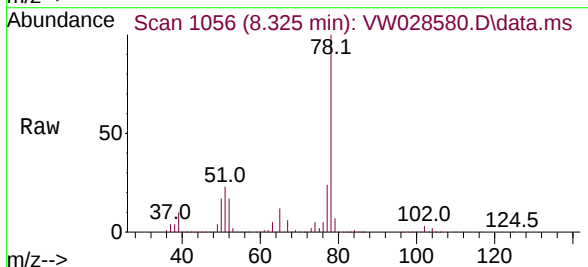
Instrument :
MSVOA_W
ClientSampleId :

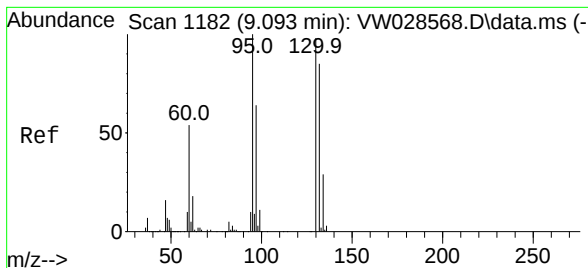
Tgt Ion:117 Resp: 143793
Ion Ratio Lower Upper
117 100
119 96.2 77.2 115.8



#33
Benzene
Concen: 26.818 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028580.D
Acq: 02 May 2024 18:33

Tgt Ion: 78 Resp: 436151





#34

Trichloroethene

Concen: 26.463 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

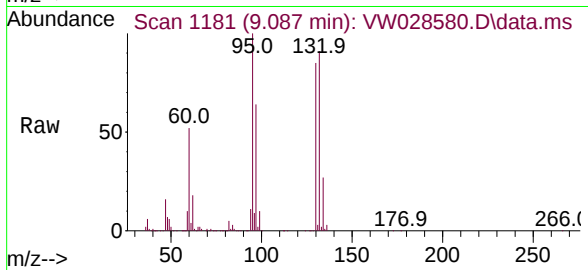
Lab File: VW028580.D

Acq: 02 May 2024 18:33

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 115391

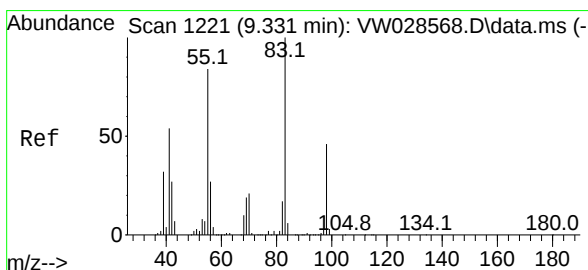
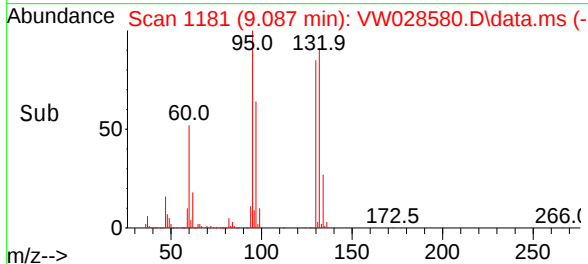
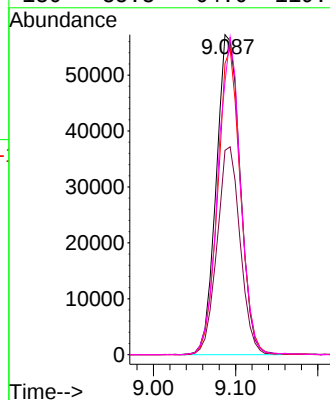
Ion Ratio Lower Upper

95 100

97 63.8 44.9 83.3

132 91.0 59.7 110.9

130 85.3 64.0 119.0



#35

Methylcyclohexane

Concen: 26.293 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW028580.D

Acq: 02 May 2024 18:33

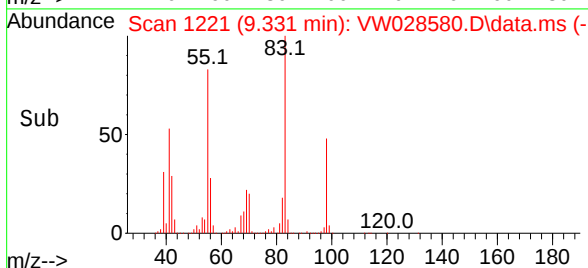
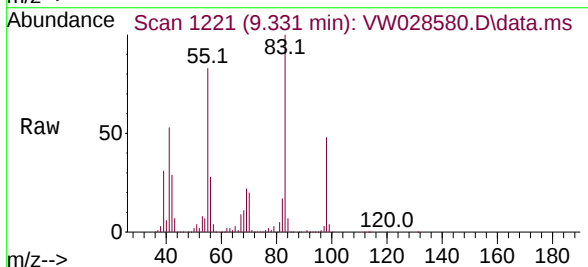
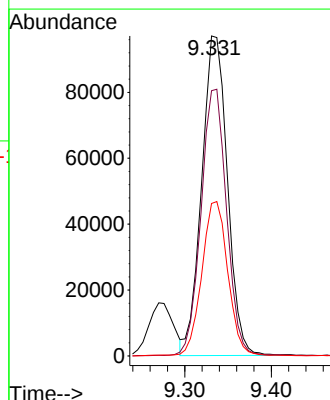
Tgt Ion: 83 Resp: 200359

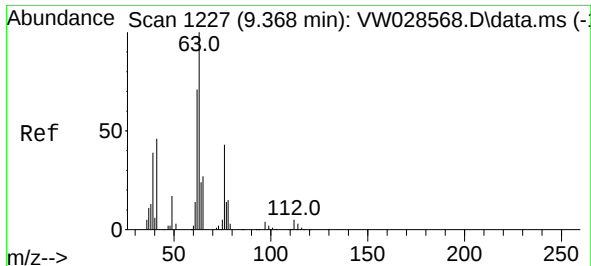
Ion Ratio Lower Upper

83 100

55 82.5 66.9 100.3

98 48.3 37.9 56.9





#37

1,2-Dichloropropane

Concen: 27.001 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028580.D

Acq: 02 May 2024 18:33

Instrument :

MSVOA_W

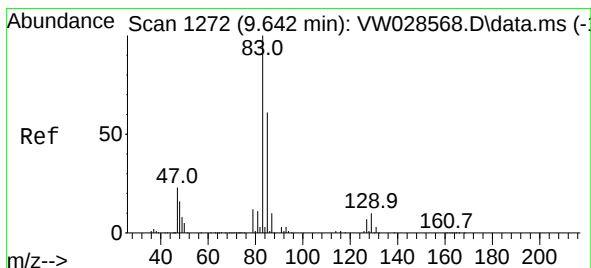
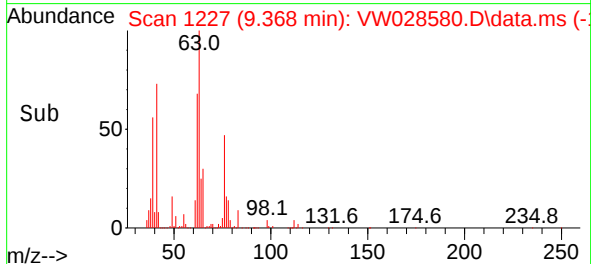
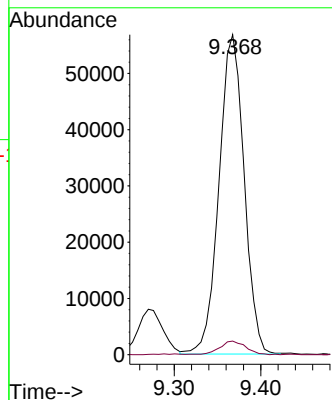
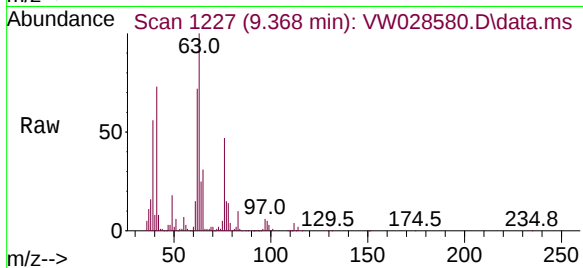
ClientSampleId :

Tgt Ion: 63 Resp: 114427

Ion Ratio Lower Upper

63 100

112 4.3 3.5 5.3



#38

Bromodichloromethane

Concen: 27.578 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028580.D

Acq: 02 May 2024 18:33

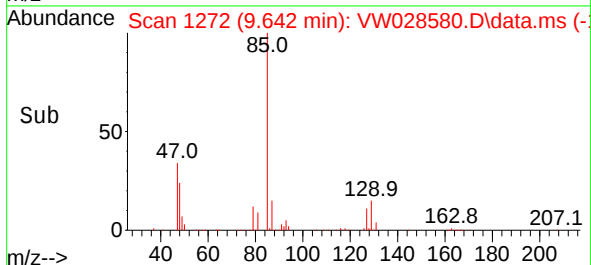
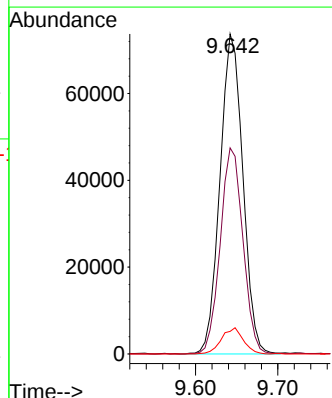
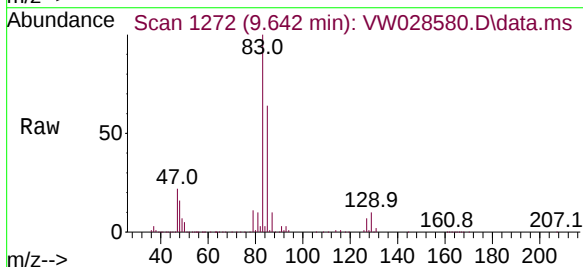
Tgt Ion: 83 Resp: 142467

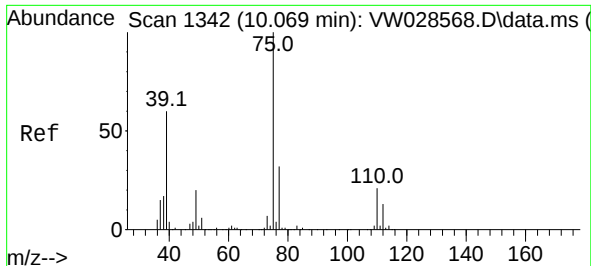
Ion Ratio Lower Upper

83 100

85 64.4 43.0 80.0

127 7.0 5.9 8.9

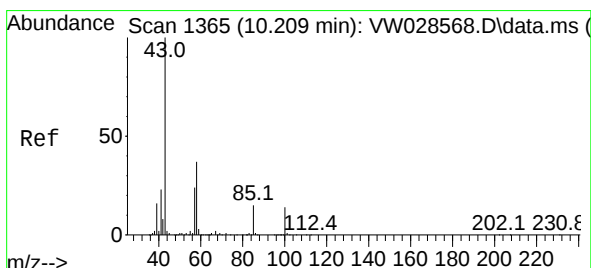
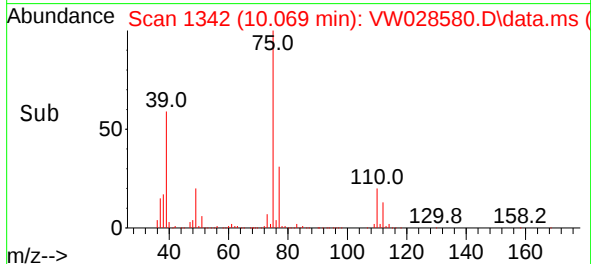
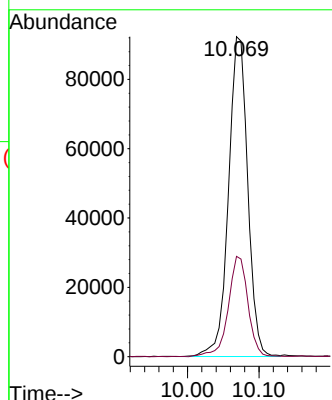
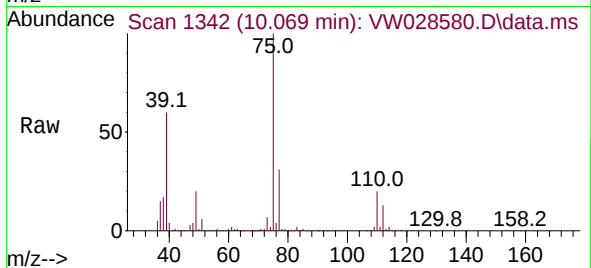




#39
cis-1,3-Dichloropropene
Concen: 28.321 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW028580.D
Acq: 02 May 2024 18:33

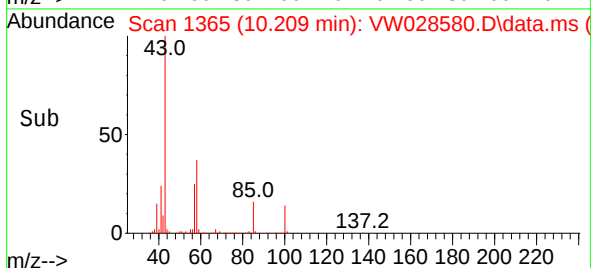
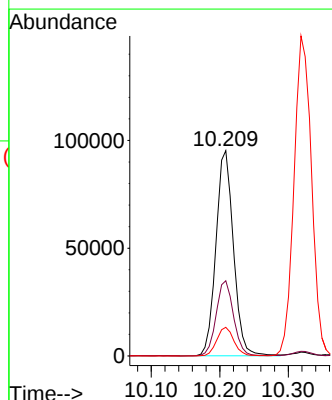
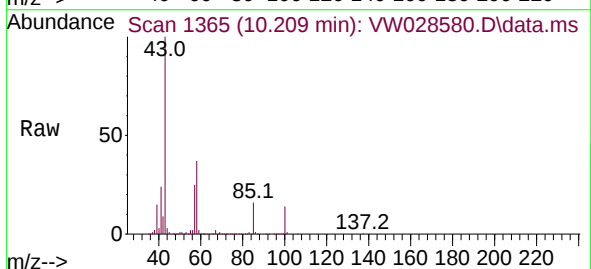
Instrument :
MSVOA_W
ClientSampleId :

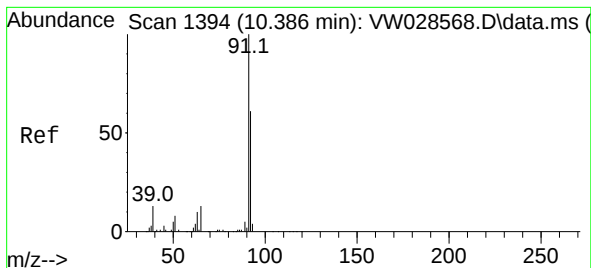
Tgt Ion: 75 Resp: 172021
Ion Ratio Lower Upper
75 100
77 31.4 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 58.477 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW028580.D
Acq: 02 May 2024 18:33

Tgt Ion: 43 Resp: 168662
Ion Ratio Lower Upper
43 100
58 36.7 29.2 43.8
100 13.8 11.0 16.4





#42

Toluene

Concen: 27.255 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028580.D

Acq: 02 May 2024 18:33

Instrument :

MSVOA_W

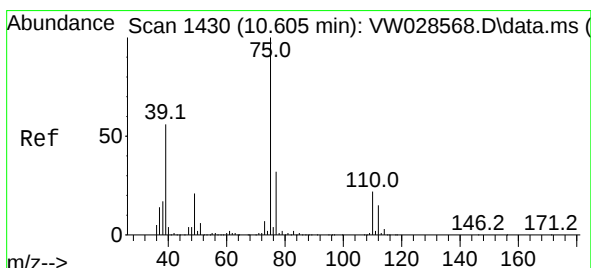
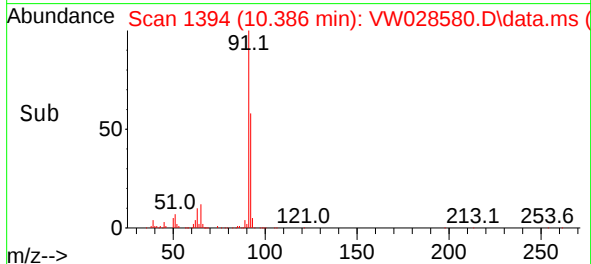
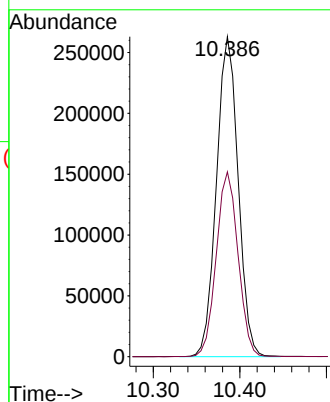
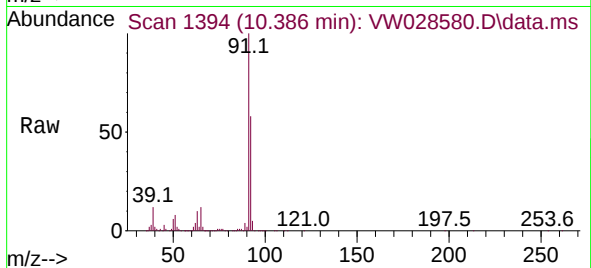
ClientSampleId :

Tgt Ion: 91 Resp: 457827

Ion Ratio Lower Upper

91 100

92 57.8 42.5 78.9



#44

trans-1,3-Dichloropropene

Concen: 28.500 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028580.D

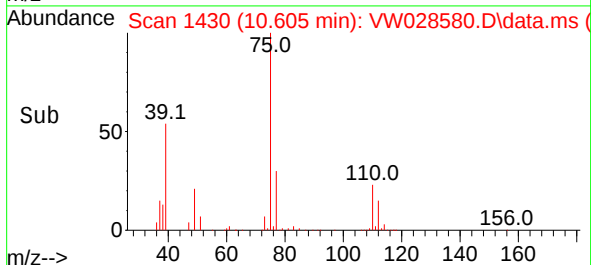
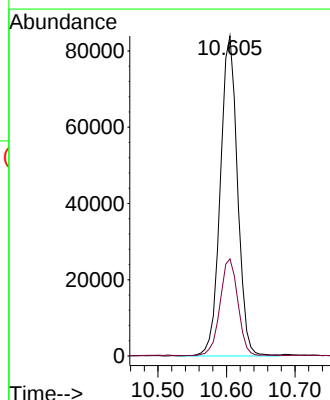
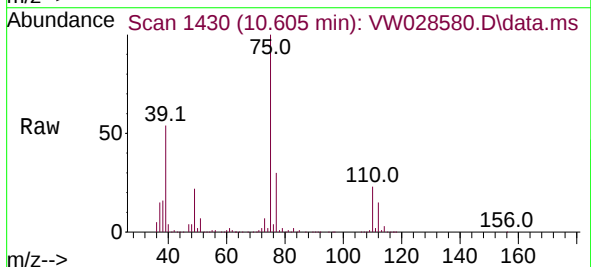
Acq: 02 May 2024 18:33

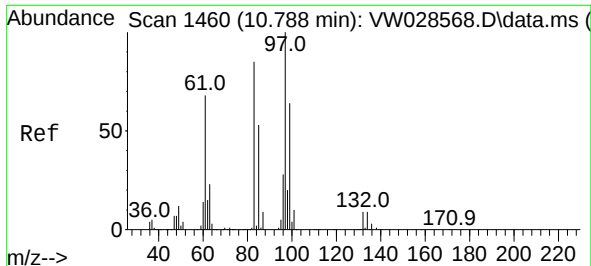
Tgt Ion: 75 Resp: 145957

Ion Ratio Lower Upper

75 100

77 30.3 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 26.871 ug/L

RT: 10.782 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VW028580.D

Acq: 02 May 2024 18:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 82491

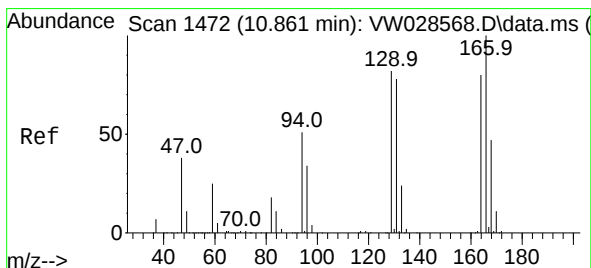
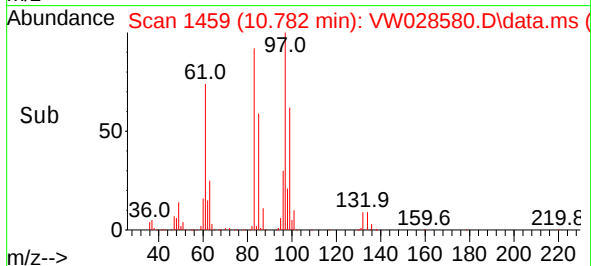
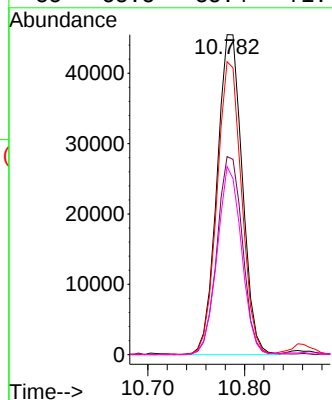
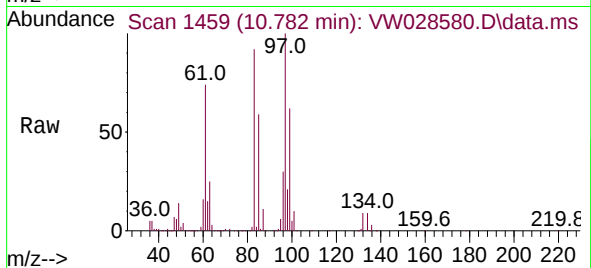
Ion Ratio Lower Upper

97 100

99 61.9 41.9 77.9

83 91.6 62.1 115.3

85 58.8 38.4 71.4



#46

Tetrachloroethene

Concen: 26.051 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028580.D

Acq: 02 May 2024 18:33

Tgt Ion:164 Resp: 81843

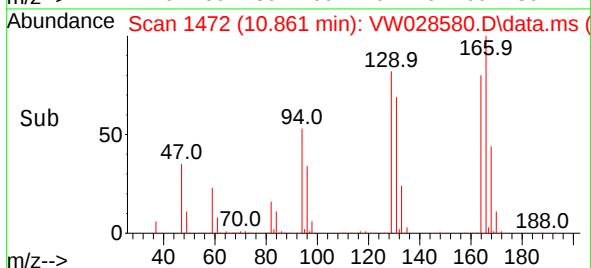
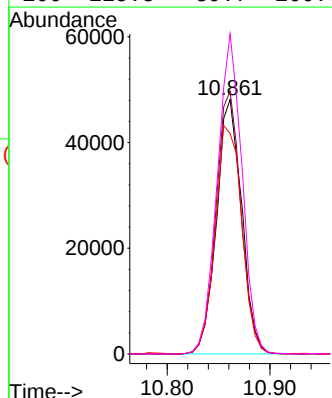
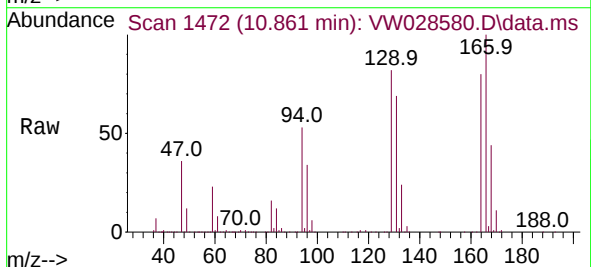
Ion Ratio Lower Upper

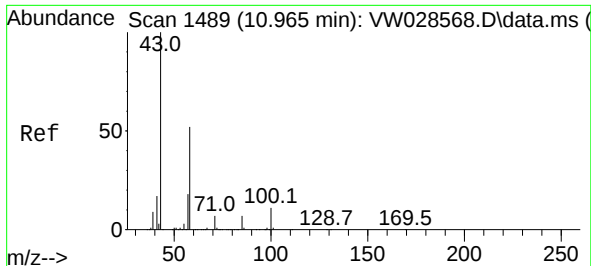
164 100

129 103.2 69.2 128.6

131 86.6 67.7 125.7

166 125.8 89.7 166.7





#48

2-Hexanone

Concen: 59.558 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW028580.D

Acq: 02 May 2024 18:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 121275

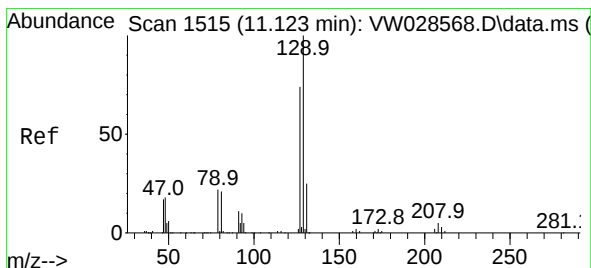
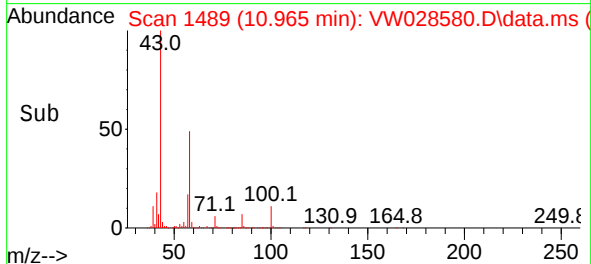
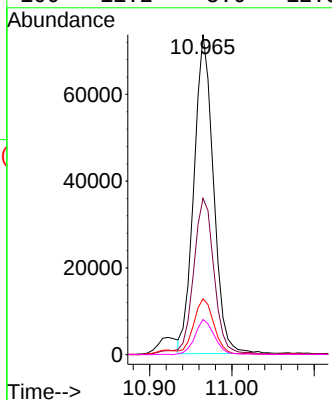
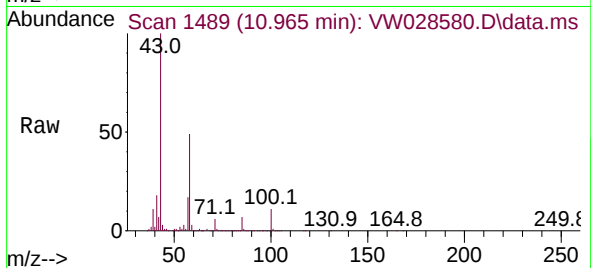
Ion Ratio Lower Upper

43 100

58 52.6 41.0 61.4

57 18.1 14.8 22.2

100 11.2 8.6 12.8



#49

Dibromochloromethane

Concen: 28.372 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VW028580.D

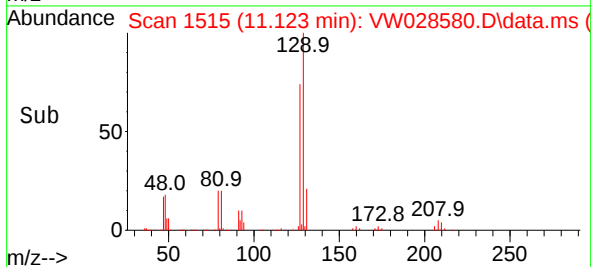
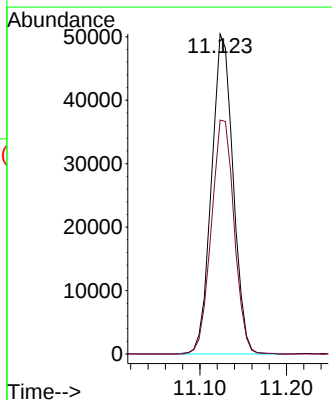
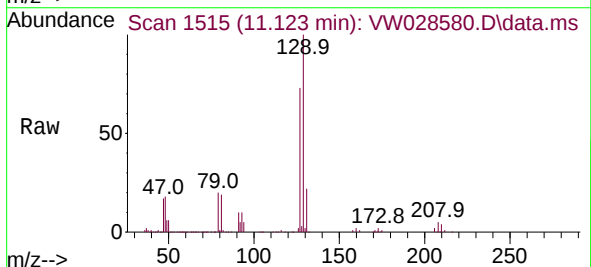
Acq: 02 May 2024 18:33

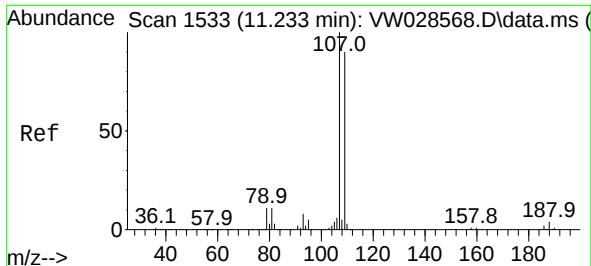
Tgt Ion:129 Resp: 87363

Ion Ratio Lower Upper

129 100

127 73.1 54.3 100.8

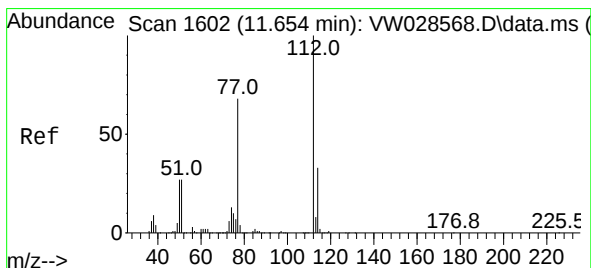
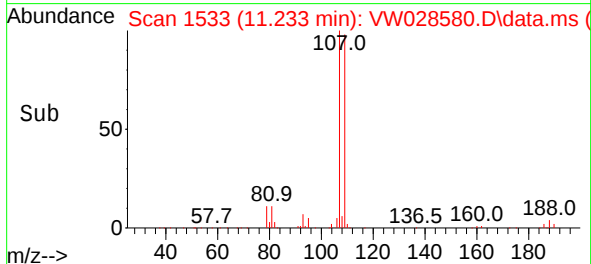
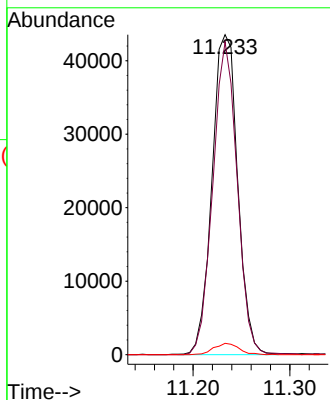
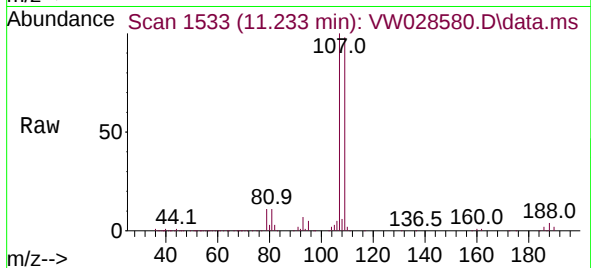




#50
1,2-Dibromoethane
Concen: 27.933 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW028580.D
Acq: 02 May 2024 18:33

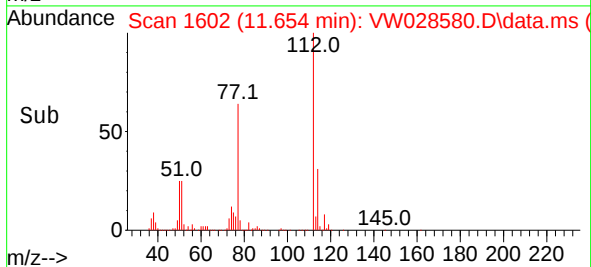
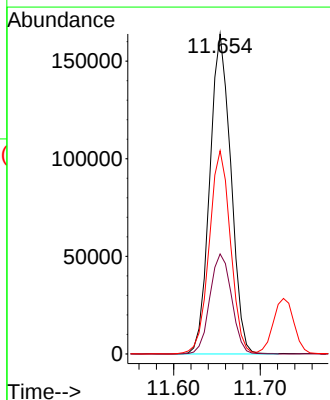
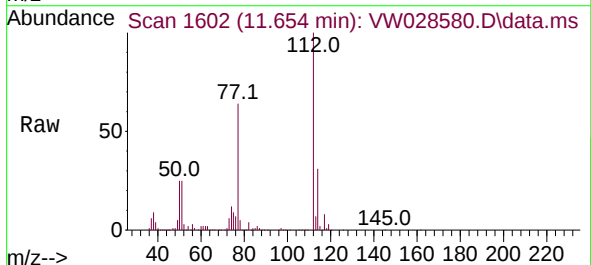
Instrument :
MSVOA_W
ClientSampleId :

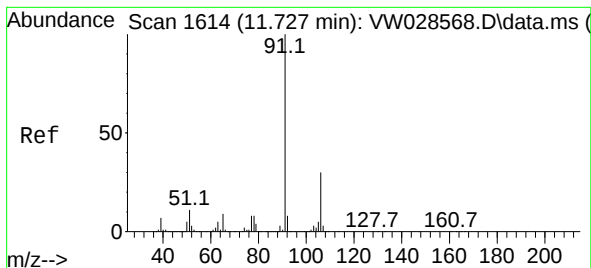
Tgt Ion:107 Resp: 80328
Ion Ratio Lower Upper
107 100
109 97.7 64.2 119.2
188 3.5 3.1 4.7



#51
Chlorobenzene
Concen: 26.738 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW028580.D
Acq: 02 May 2024 18:33

Tgt Ion:112 Resp: 277819
Ion Ratio Lower Upper
112 100
114 31.2 22.2 41.2
77 63.5 50.8 76.2





#52

Ethylbenzene

Concen: 27.411 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028580.D

Acq: 02 May 2024 18:33

Instrument :

MSVOA_W

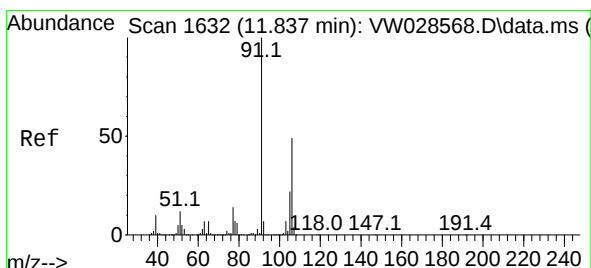
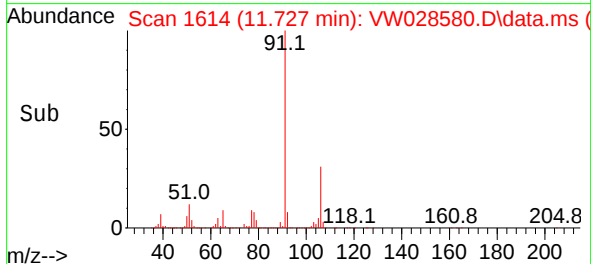
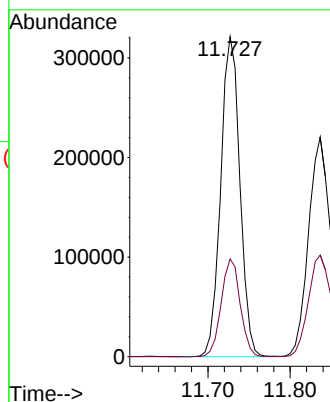
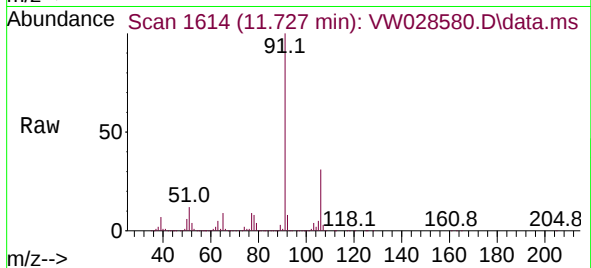
ClientSampleId :

Tgt Ion: 91 Resp: 521069

Ion Ratio Lower Upper

91 100

106 30.5 22.7 42.1



#53

m,p-Xylene

Concen: 27.651 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028580.D

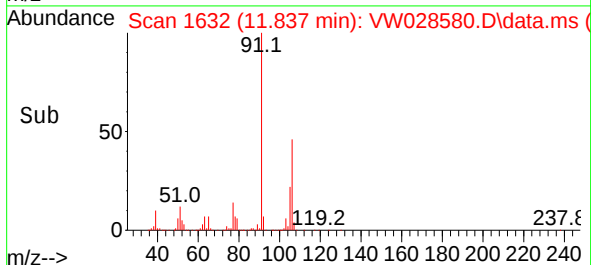
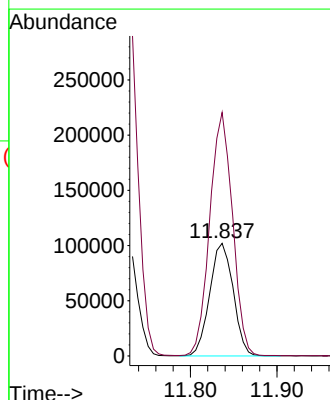
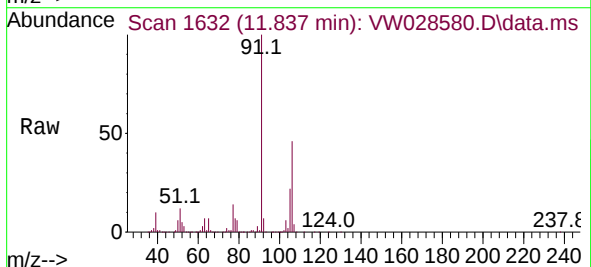
Acq: 02 May 2024 18:33

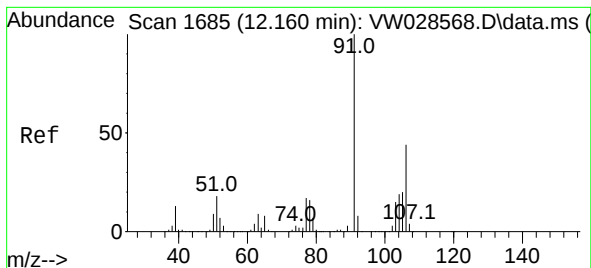
Tgt Ion:106 Resp: 192673

Ion Ratio Lower Upper

106 100

91 216.1 146.6 272.2

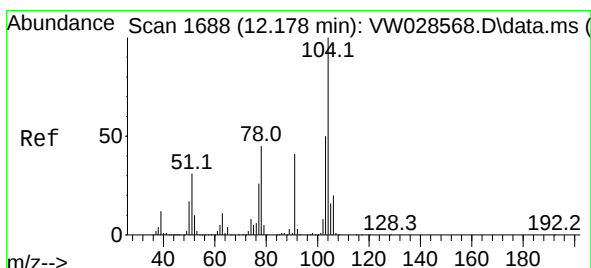
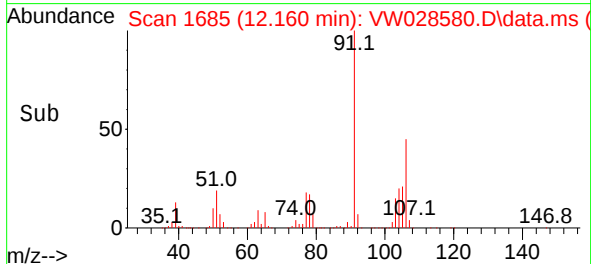
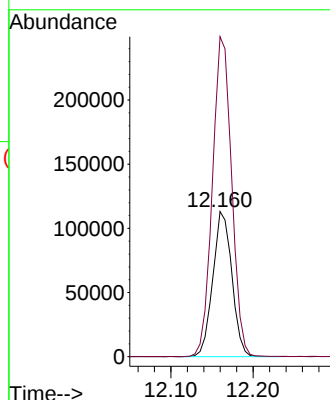
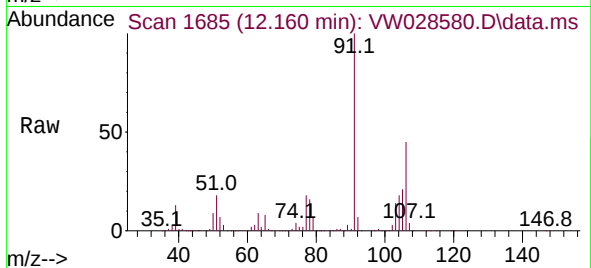




#54
o-Xylene
Concen: 28.262 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW028580.D
Acq: 02 May 2024 18:33

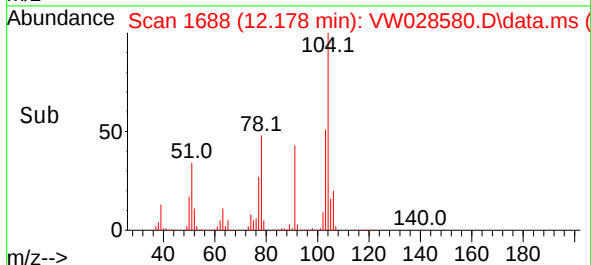
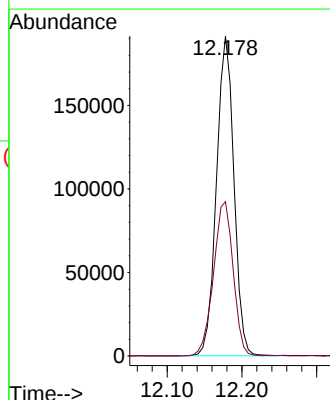
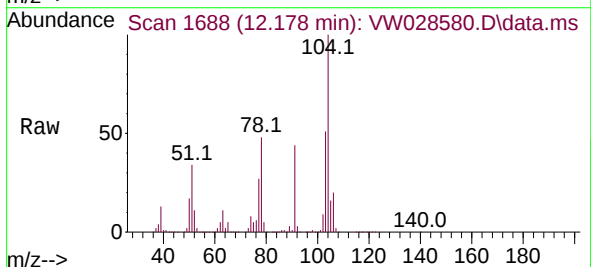
Instrument :
MSVOA_W
ClientSampleId :

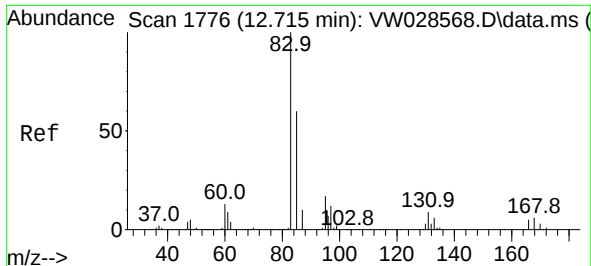
Tgt Ion:106 Resp: 182184
Ion Ratio Lower Upper
106 100
91 220.4 154.3 286.5



#55
Styrene
Concen: 28.421 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW028580.D
Acq: 02 May 2024 18:33

Tgt Ion:104 Resp: 310440
Ion Ratio Lower Upper
104 100
78 48.2 34.1 63.3





#57

1,1,2,2-Tetrachloroethane

Concen: 27.658 ug/L

RT: 12.714 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028580.D

Acq: 02 May 2024 18:33

Instrument :

MSVOA_W

ClientSampleId :

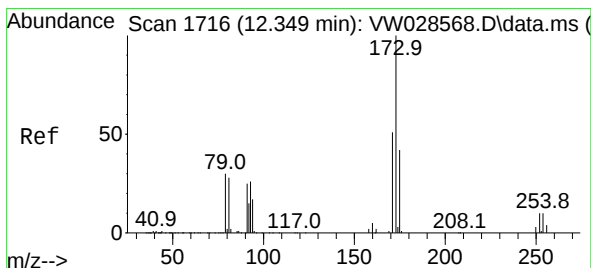
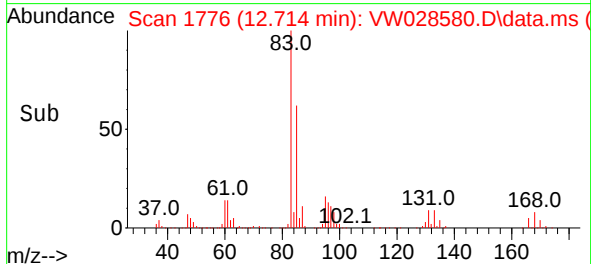
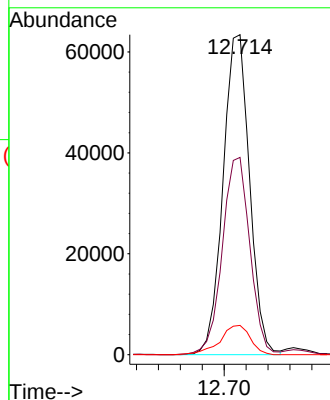
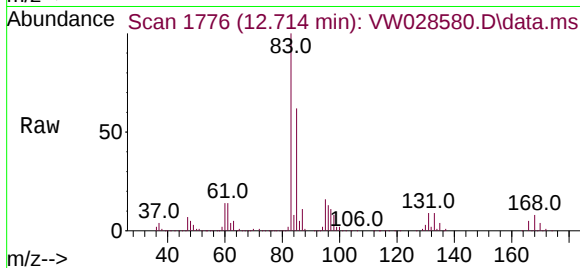
Tgt Ion: 83 Resp: 106526

Ion Ratio Lower Upper

83 100

85 61.7 45.6 84.6

131 9.1 7.3 10.9



#59

Bromoform

Concen: 25.599 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW028580.D

Acq: 02 May 2024 18:33

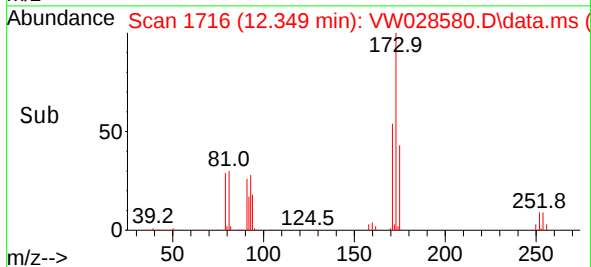
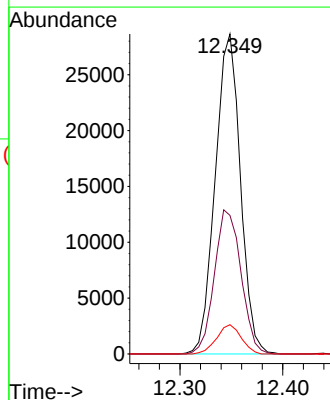
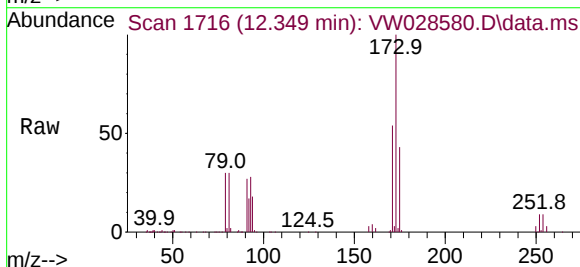
Tgt Ion:173 Resp: 48710

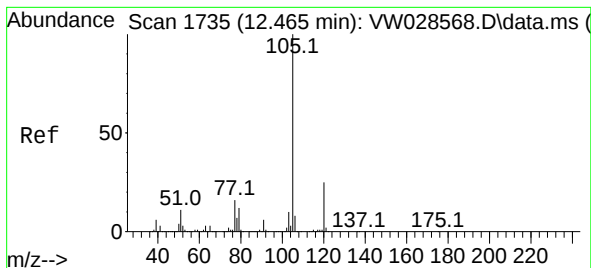
Ion Ratio Lower Upper

173 100

175 47.6 39.8 59.8

254 8.9 7.1 10.7





#60

Isopropylbenzene

Concen: 25.776 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028580.D

Acq: 02 May 2024 18:33

Instrument :

MSVOA_W

ClientSampleId :

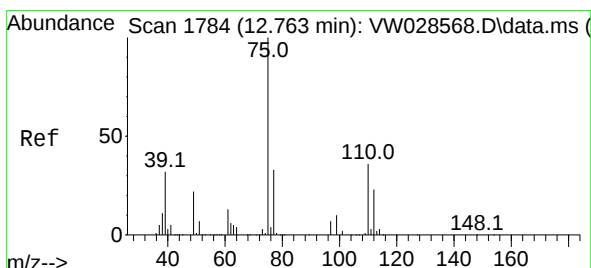
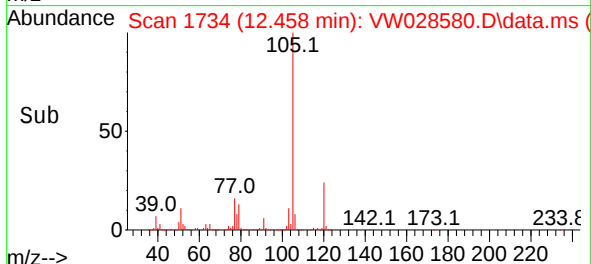
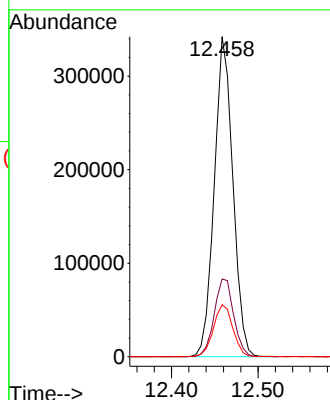
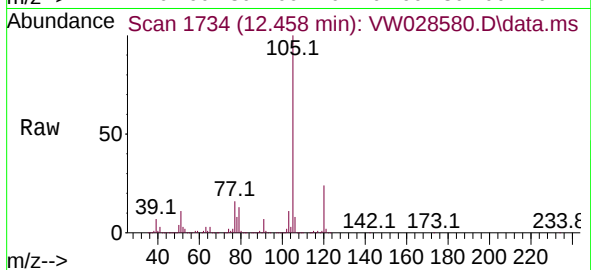
Tgt Ion:105 Resp: 510041

Ion Ratio Lower Upper

105 100

120 25.4 20.5 30.7

77 17.0 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 25.391 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028580.D

Acq: 02 May 2024 18:33

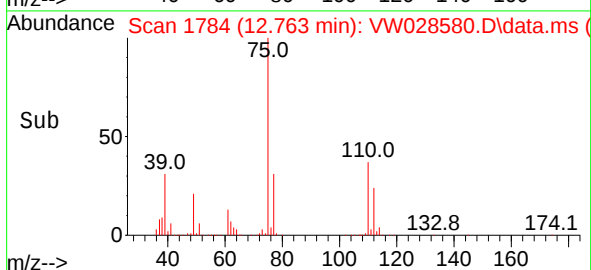
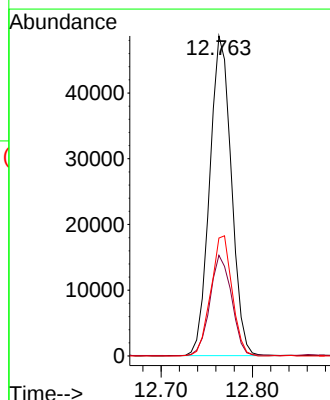
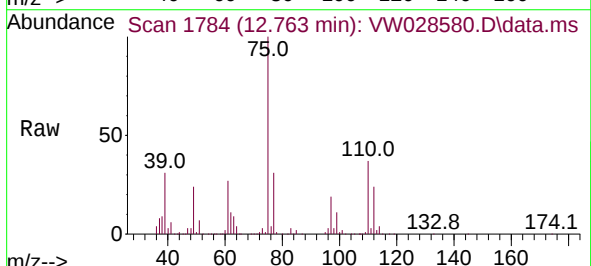
Tgt Ion: 75 Resp: 80036

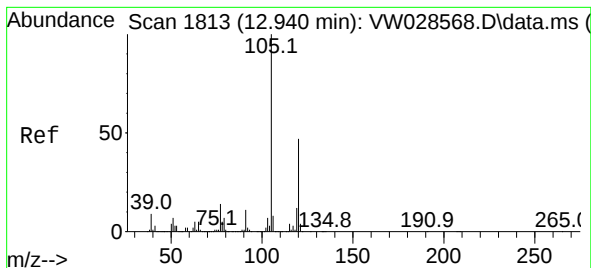
Ion Ratio Lower Upper

75 100

77 31.9 25.9 38.9

110 37.0 30.6 45.8





#62

1,3,5-Trimethylbenzene

Concen: 26.790 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW028580.D

Acq: 02 May 2024 18:33

Instrument :

MSVOA_W

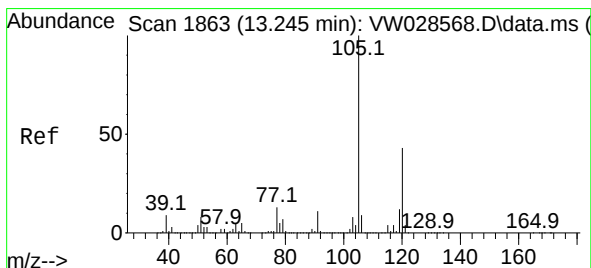
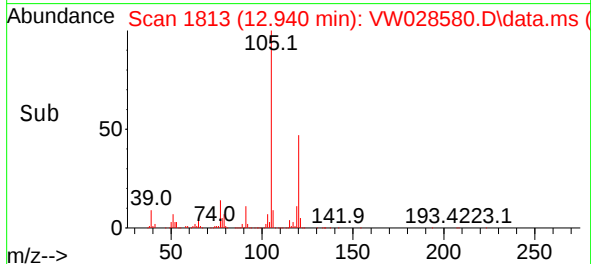
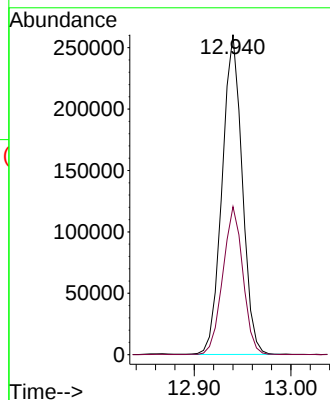
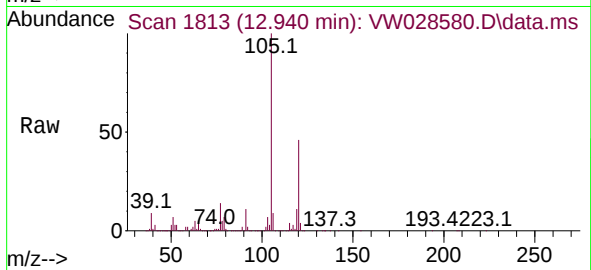
ClientSampleId :

Tgt Ion:105 Resp: 375072

Ion Ratio Lower Upper

105 100

120 46.4 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 26.715 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW028580.D

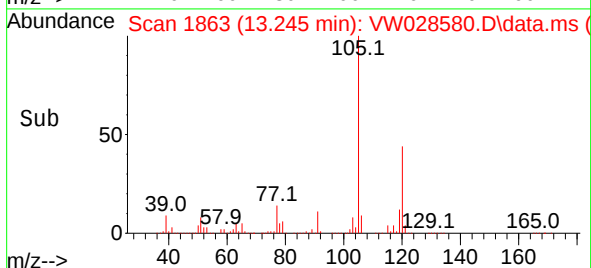
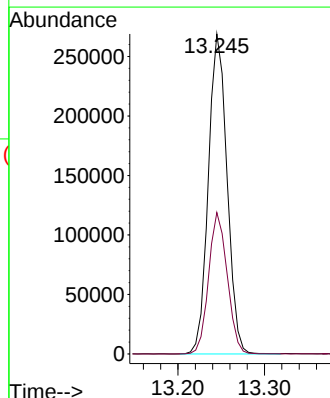
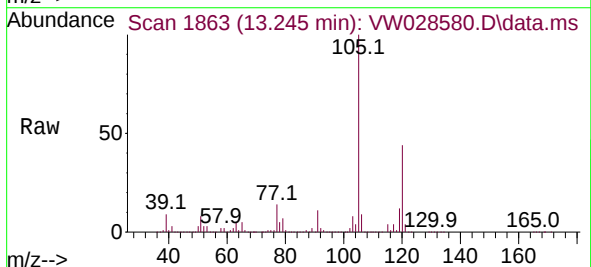
Acq: 02 May 2024 18:33

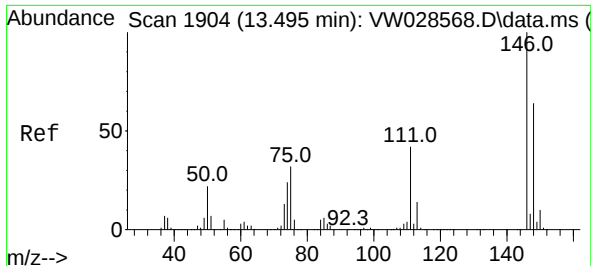
Tgt Ion:105 Resp: 402990

Ion Ratio Lower Upper

105 100

120 44.0 34.1 51.1





#64

1,3-Dichlorobenzene

Concen: 25.004 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028580.D

Acq: 02 May 2024 18:33

Instrument :

MSVOA_W

ClientSampleId :

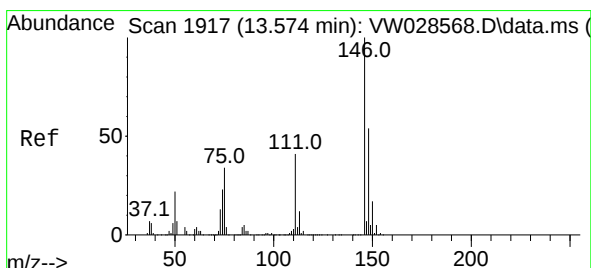
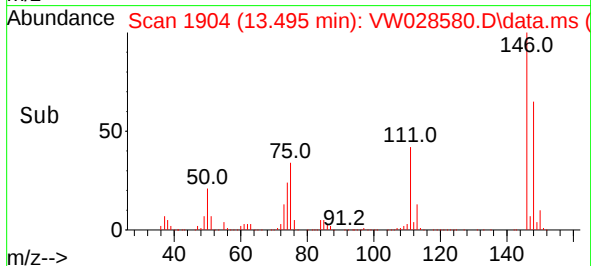
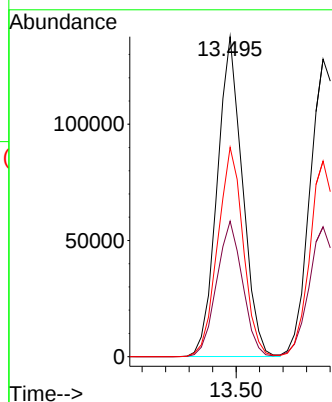
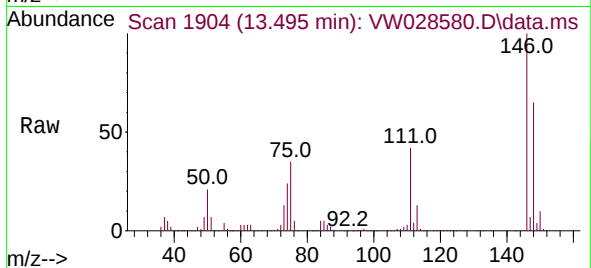
Tgt Ion:146 Resp: 205831

Ion Ratio Lower Upper

146 100

111 42.4 30.7 57.1

148 65.4 47.0 87.2



#65

1,4-Dichlorobenzene

Concen: 24.674 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028580.D

Acq: 02 May 2024 18:33

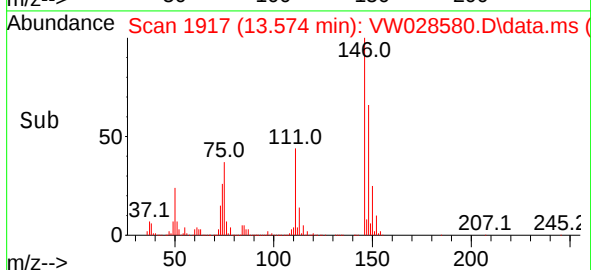
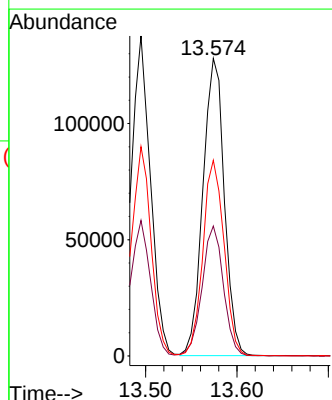
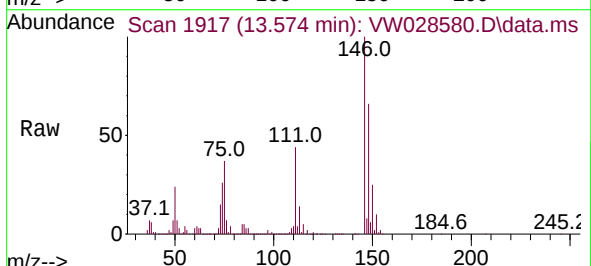
Tgt Ion:146 Resp: 207656

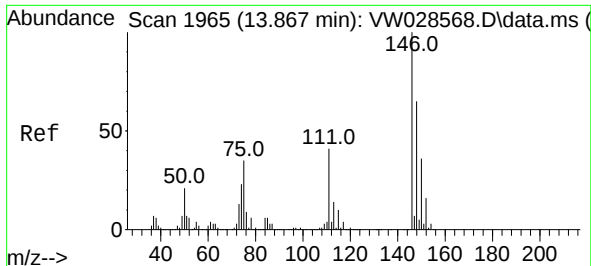
Ion Ratio Lower Upper

146 100

111 43.7 29.1 54.1

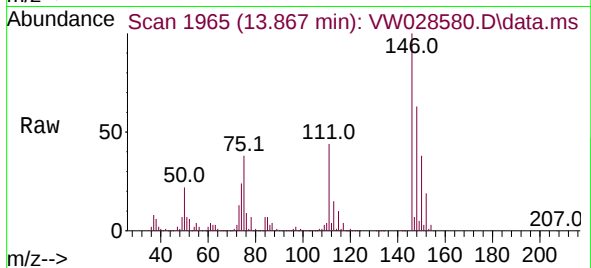
148 65.7 41.2 76.6



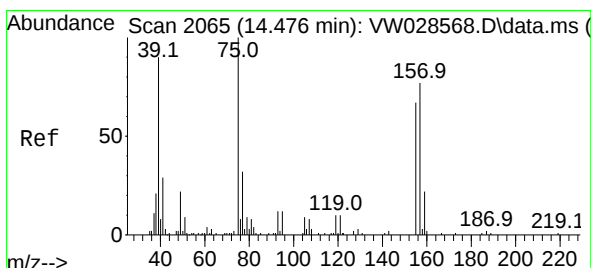
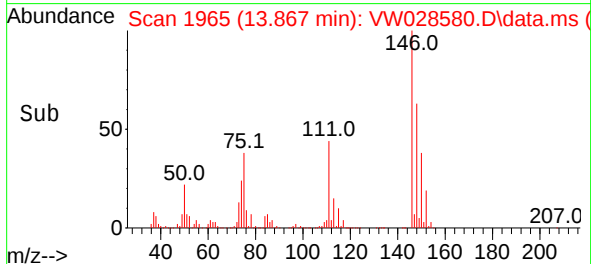
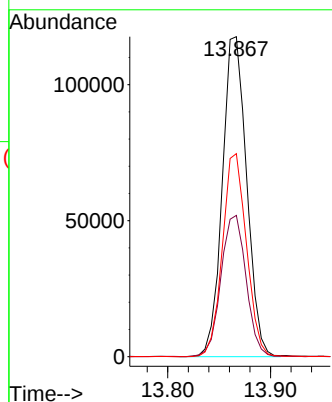


#67
1,2-Dichlorobenzene
Concen: 26.264 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW028580.D
Acq: 02 May 2024 18:33

Instrument :
MSVOA_W
ClientSampleId :

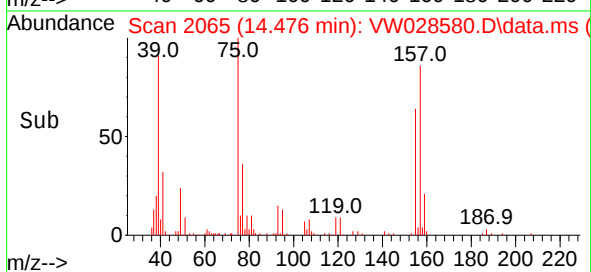
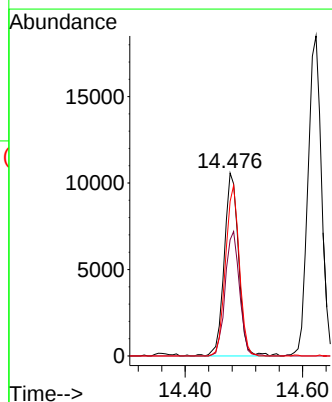
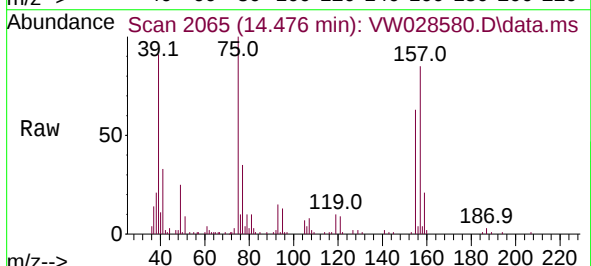


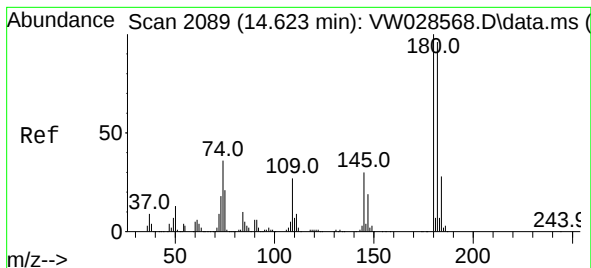
Tgt Ion:146 Resp: 193507
Ion Ratio Lower Upper
146 100
111 44.2 34.7 52.1
148 63.5 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 24.409 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW028580.D
Acq: 02 May 2024 18:33

Tgt Ion: 75 Resp: 17989
Ion Ratio Lower Upper
75 100
155 63.5 55.1 82.7
157 84.5 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 24.892 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

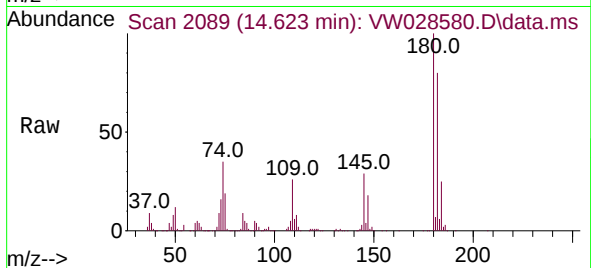
Lab File: VW028580.D

Acq: 02 May 2024 18:33

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 137501

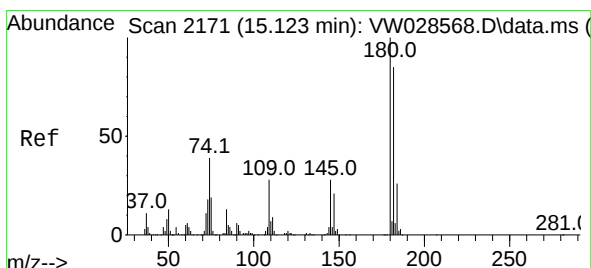
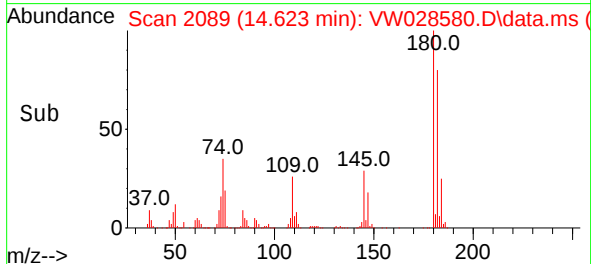
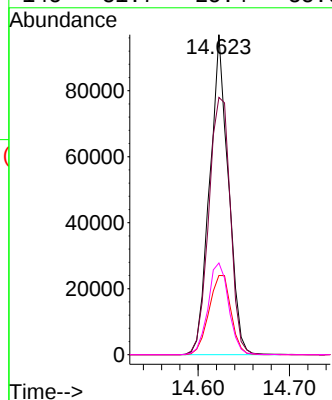
Ion Ratio Lower Upper

180 100

182 92.8 75.4 113.2

184 29.2 24.0 36.0

145 31.7 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 26.686 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028580.D

Acq: 02 May 2024 18:33

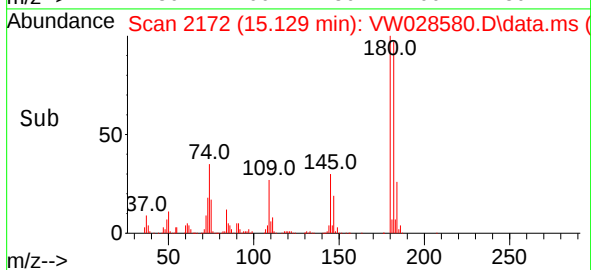
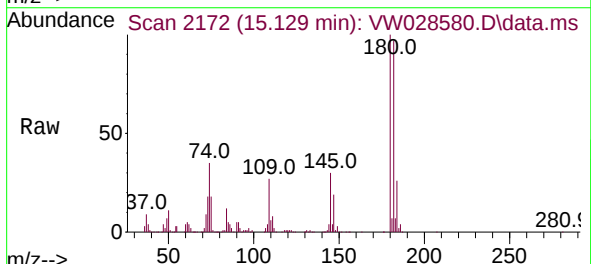
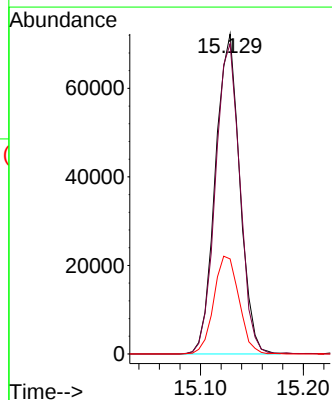
Tgt Ion:180 Resp: 119104

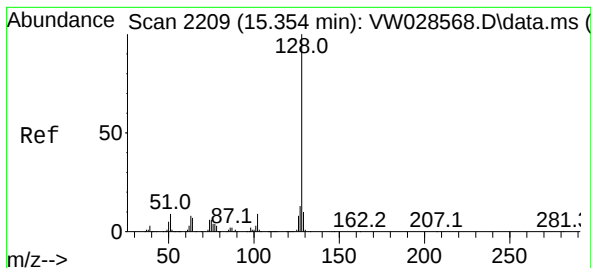
Ion Ratio Lower Upper

180 100

182 96.9 77.2 115.8

145 31.5 26.6 39.8





#71

Naphthalene

Concen: 27.488 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW028580.D

Acq: 02 May 2024 18:33

Instrument :

MSVOA_W

ClientSampleId :

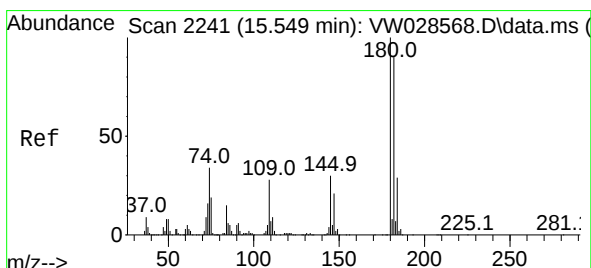
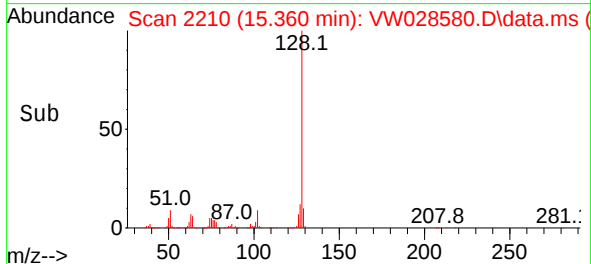
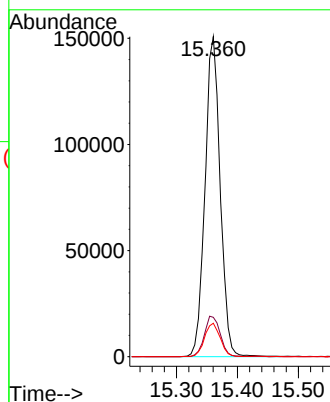
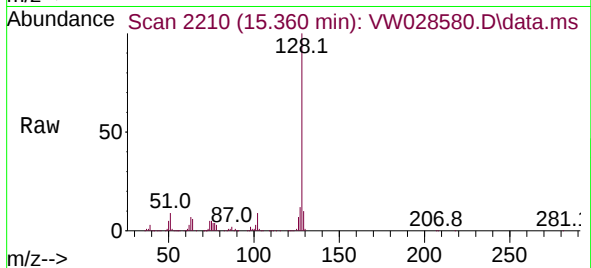
Tgt Ion:128 Resp: 261387

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 25.616 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW028580.D

Acq: 02 May 2024 18:33

Tgt Ion:180 Resp: 103167

Ion Ratio Lower Upper

180 100

182 97.2 76.1 114.1

145 35.0 28.3 42.5

