

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052824\
 Data File : VW028821.D
 Acq On : 28 May 2024 10:39
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 29 00:50:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 27 02:22:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	267870	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	253020	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	129201	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	117764	23.151	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.600%
7) Chloroethane-d5	2.899	69	90630	23.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.080%
11) 1,1-Dichloroethene-d2	4.021	65	49769	23.418	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.680%
21) 2-Butanone-d5	7.075	46	55329	41.692	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.380%
24) Chloroform-d	7.648	84	216039	25.811	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.240%
26) 1,2-Dichloroethane-d4	8.307	65	118587	24.747	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	8.276	84	431074	25.536	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.160%
36) 1,2-Dichloropropane-d6	9.276	67	128390	25.275	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.080%
41) Toluene-d8	10.319	98	386998	25.887	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.560%
43) trans-1,3-Dichloroprop...	10.575	79	48769	23.865	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.480%
47) 2-Hexanone-d5	10.922	63	37859	43.212	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	98700	23.171	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	117948	23.952	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	75530	19.403	ug/L	95
3) Chloromethane	2.222	50	93478	19.384	ug/L	100
5) Vinyl chloride	2.375	62	121090	22.303	ug/L	99
6) Bromomethane	2.796	94	68194	21.712	ug/L	97
8) Chloroethane	2.936	64	73628	23.779	ug/L	99
9) Trichlorofluoromethane	3.271	101	98272	22.047	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	101944	24.806	ug/L	95
12) 1,1-Dichloroethene	4.051	96	89327	24.230	ug/L	87
13) Acetone	4.118	43	49104	40.673	ug/L	96
14) Carbon disulfide	4.393	76	258408	20.740	ug/L	100
15) Methyl Acetate	4.673	43	45092	21.468	ug/L	98
16) Methylene chloride	4.917	84	108205	26.119	ug/L	91
17) trans-1,2-Dichloroethene	5.435	96	95281	24.825	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	140911	24.878	ug/L	99
19) 1,1-Dichloroethane	6.216	63	196760	25.852	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	105849	26.351	ug/L	94
22) 2-Butanone	7.173	43	62353	40.239	ug/L	99
23) Bromochloromethane	7.514	128	45823	26.152	ug/L	93
25) Chloroform	7.679	83	197019	26.763	ug/L	99

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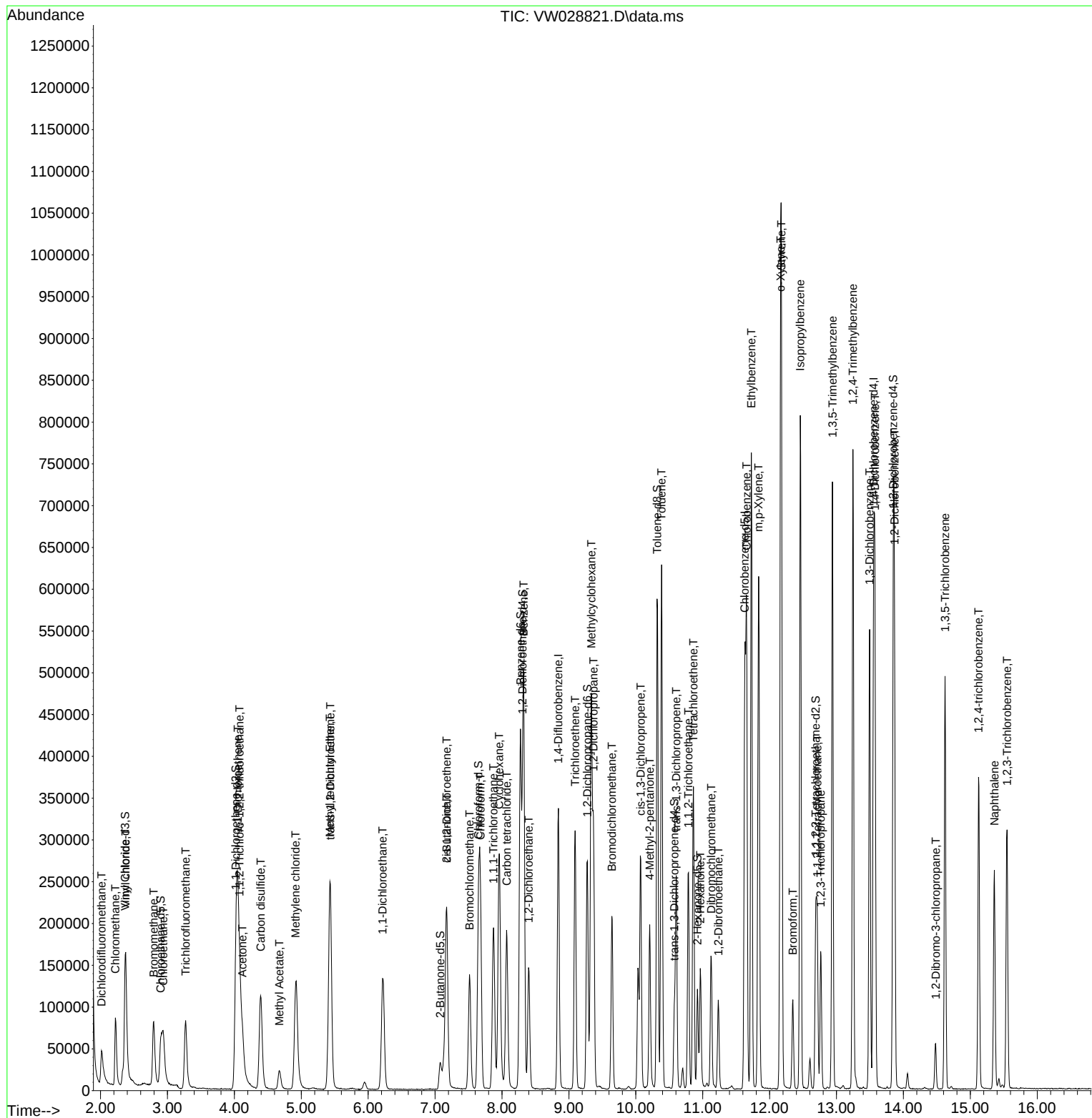
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	133289	24.908	ug/L	99
29) Cyclohexane	7.959	56	159331	22.086	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	155171	24.473	ug/L	99
31) Carbon tetrachloride	8.069	117	141351	24.451	ug/L	98
33) Benzene	8.325	78	418811	25.526	ug/L	100
34) Trichloroethene	9.093	95	110641	25.151	ug/L	97
35) Methylcyclohexane	9.337	83	178687	23.244	ug/L	99
37) 1,2-Dichloropropane	9.368	63	111889	26.171	ug/L	100
38) Bromodichloromethane	9.642	83	136575	26.206	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	161715	26.390	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	128804	44.266	ug/L	99
42) Toluene	10.386	91	444616	26.237	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	132919	25.726	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	77842	25.134	ug/L	97
46) Tetrachloroethene	10.861	164	78671	24.822	ug/L	97
48) 2-Hexanone	10.965	43	93108	45.324	ug/L	99
49) Dibromochloromethane	11.129	129	84175	27.097	ug/L	99
50) 1,2-Dibromoethane	11.233	107	69750	24.042	ug/L	97
51) Chlorobenzene	11.654	112	276332	26.362	ug/L	99
52) Ethylbenzene	11.727	91	514196	26.812	ug/L	96
53) m,p-Xylene	11.837	106	188068	26.753	ug/L	93
54) o-Xylene	12.166	106	175602	27.002	ug/L	99
55) Styrene	12.178	104	310649	28.191	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	93472	24.056	ug/L	93
59) Bromoform	12.349	173	46834	24.846	ug/L	97
60) Isopropylbenzene	12.458	105	500330	25.525	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	67780	21.707	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	365366	26.345	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	386395	25.858	ug/L	95
64) 1,3-Dichlorobenzene	13.495	146	214184	26.266	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	213178	25.571	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	183556	25.150	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	14651	20.068	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	137660	25.158	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	108303	24.496	ug/L	97
71) Naphthalene	15.360	128	212334	22.541	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	100335	25.150	ug/L	99

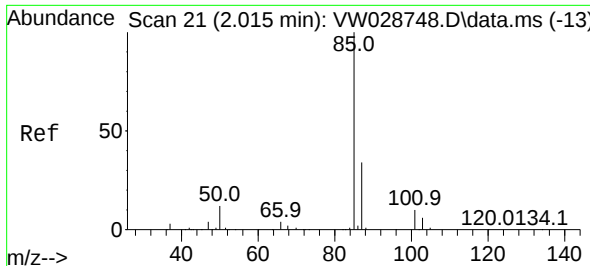
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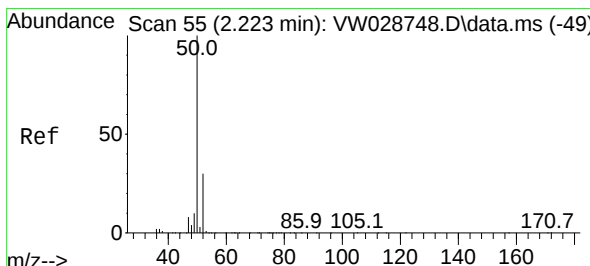
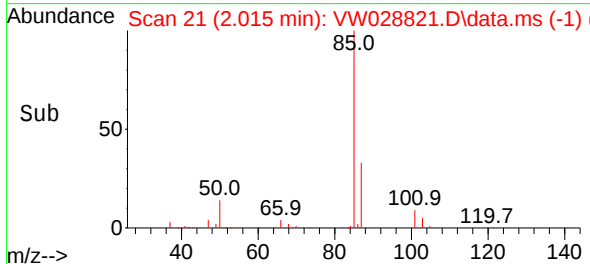
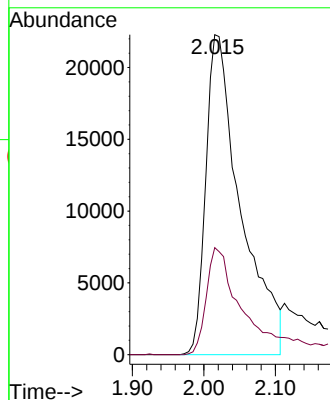
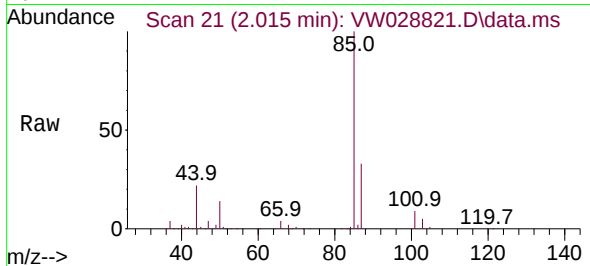




#2
 Dichlorodifluoromethane
 Concen: 19.403 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028821.D
 Acq: 28 May 2024 10:39

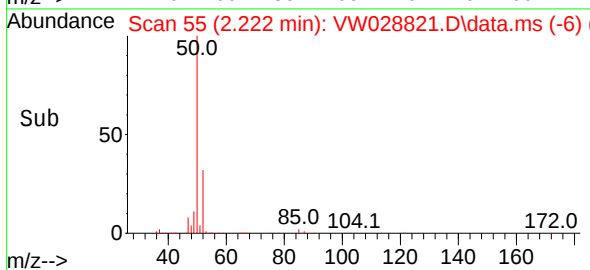
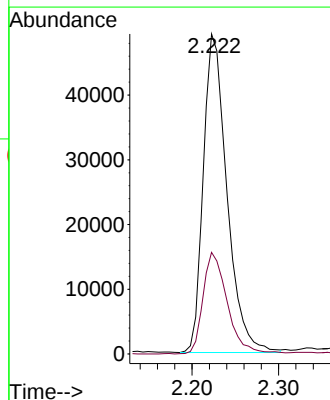
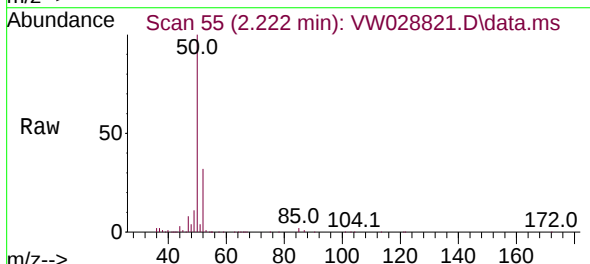
Instrument :
 MSVOA_W
 ClientSampleId :

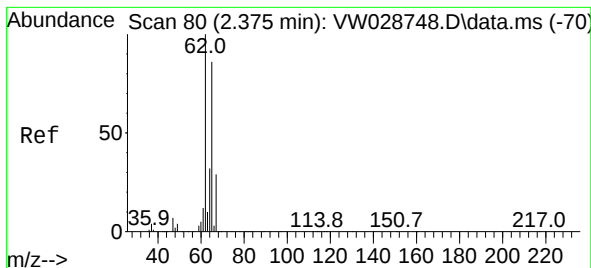
Tgt Ion: 85 Resp: 75530
 Ion Ratio Lower Upper
 85 100
 87 29.8 21.9 32.9



#3
 Chloromethane
 Concen: 19.384 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW028821.D
 Acq: 28 May 2024 10:39

Tgt Ion: 50 Resp: 93478
 Ion Ratio Lower Upper
 50 100
 52 31.8 22.0 41.0





#5

Vinyl chloride

Concen: 22.303 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW028821.D

Acq: 28 May 2024 10:39

Instrument :

MSVOA_W

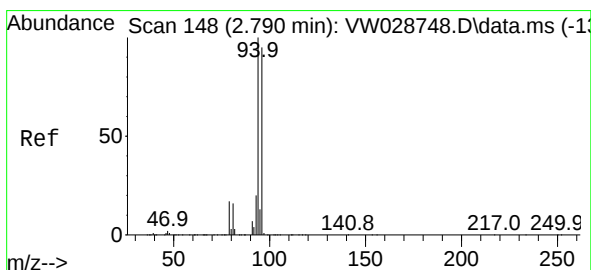
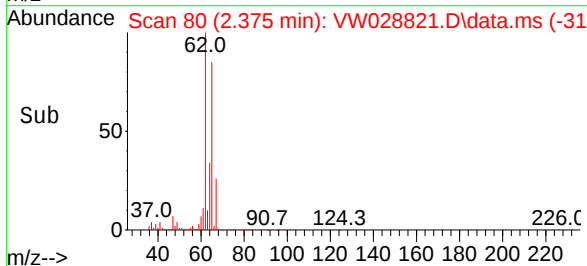
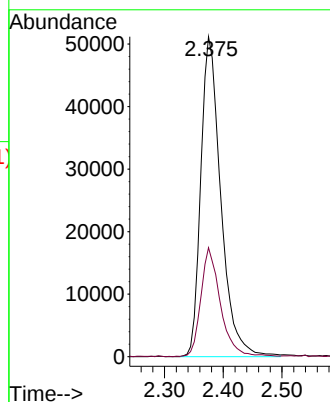
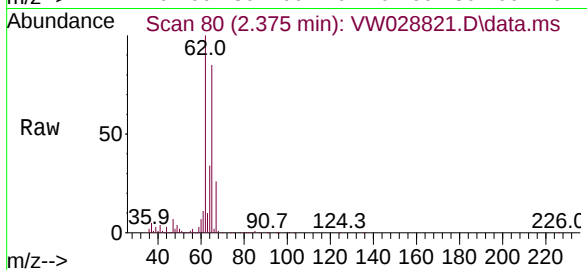
ClientSampleId :

Tgt Ion: 62 Resp: 121090

Ion Ratio Lower Upper

62 100

64 34.0 23.3 43.3



#6

Bromomethane

Concen: 21.712 ug/L

RT: 2.796 min Scan# 149

Delta R.T. 0.006 min

Lab File: VW028821.D

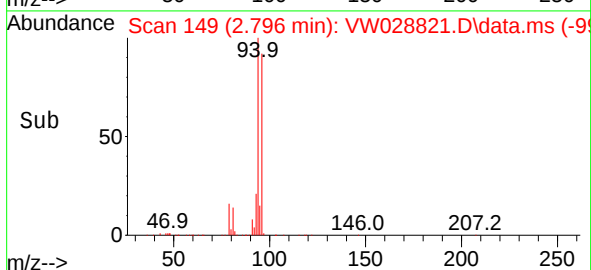
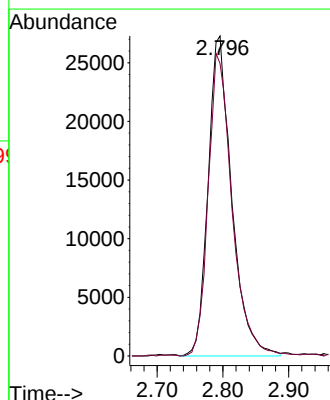
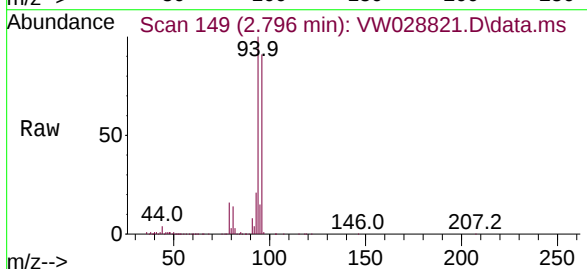
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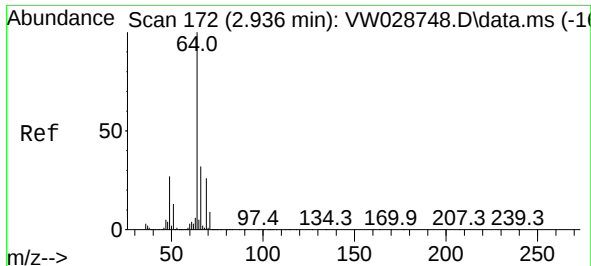
Tgt Ion: 94 Resp: 68194

Ion Ratio Lower Upper

94 100

96 91.4 66.3 123.1

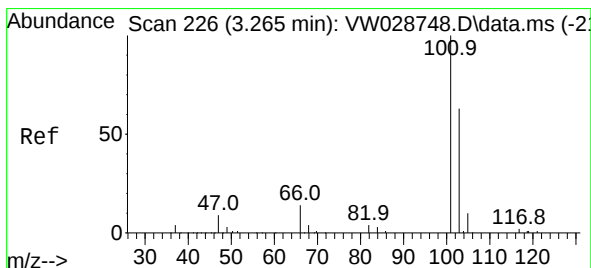
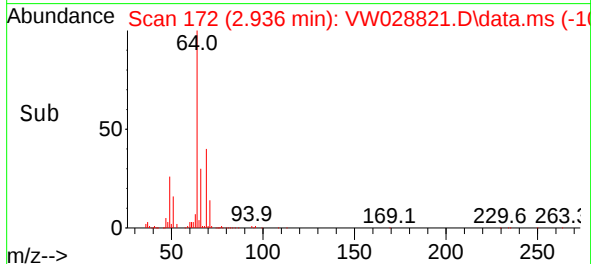
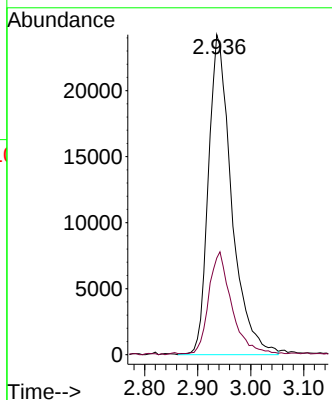
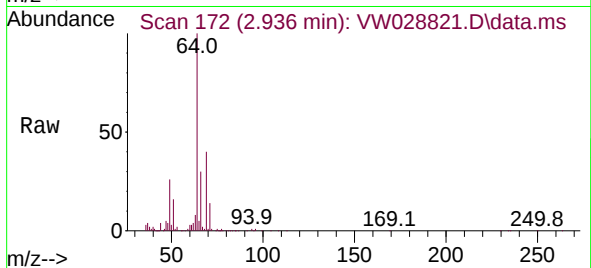




#8
Chloroethane
Concen: 23.779 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028821.D
Acq: 28 May 2024 10:39

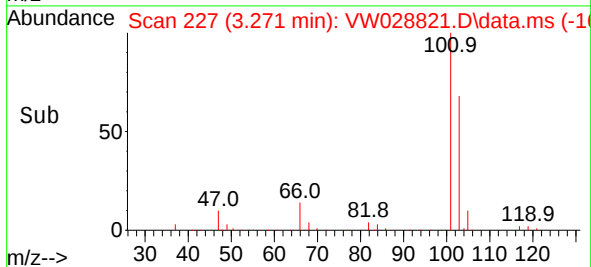
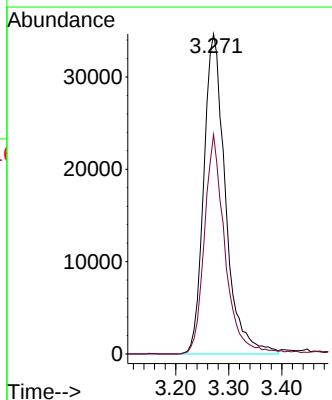
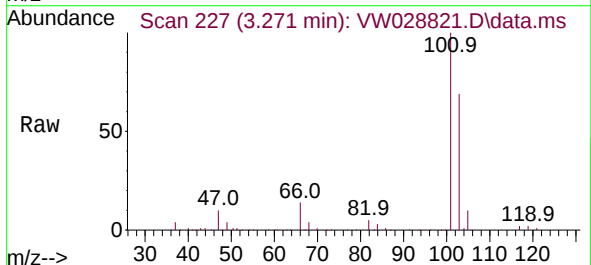
Instrument :
MSVOA_W
ClientSampleId :

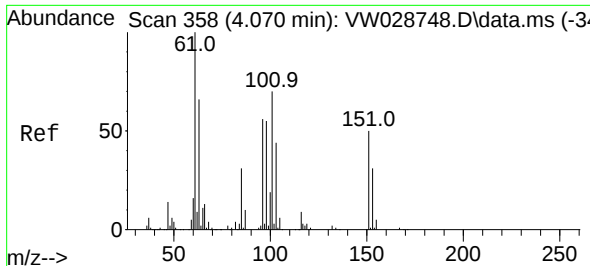
Tgt Ion: 64 Resp: 73628
Ion Ratio Lower Upper
64 100
66 30.2 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.047 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW028821.D
Acq: 28 May 2024 10:39

Tgt Ion:101 Resp: 98272
Ion Ratio Lower Upper
101 100
103 64.4 50.4 75.6





#10

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

Concen: 24.806 ug/L

RT: 4.076 min Scan# 358

Delta R.T. 0.006 min

Lab File: VW028821.D

Acq: 28 May 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :

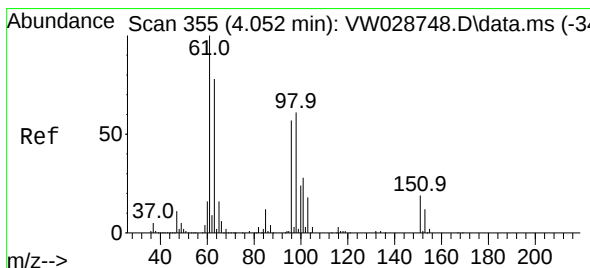
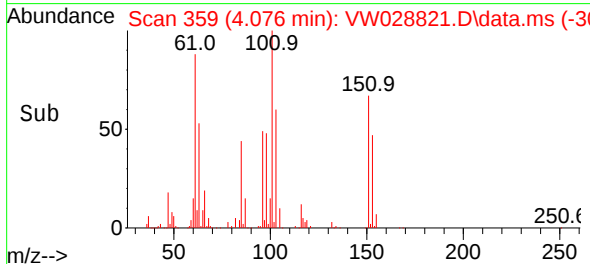
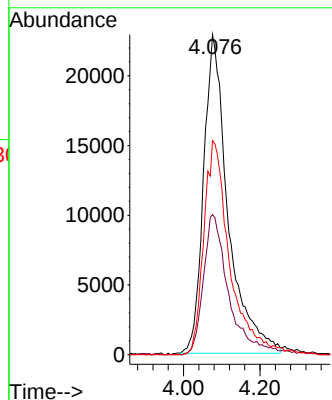
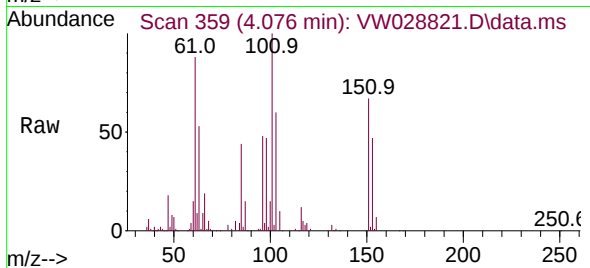
Tgt Ion:101 Resp: 101944

Ion Ratio Lower Upper

101 100

85 42.9 35.8 53.8

151 67.6 49.6 74.4



#12

1,1-Dichloroethene

Concen: 24.230 ug/L

RT: 4.051 min Scan# 355

Delta R.T. -0.000 min

Lab File: VW028821.D

Acq: 28 May 2024 10:39

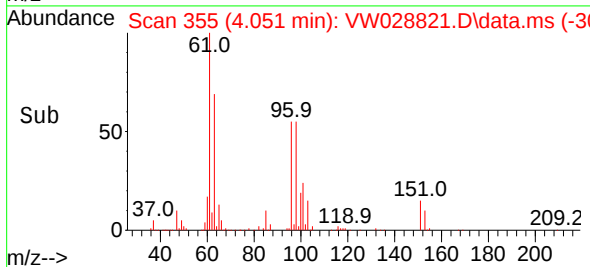
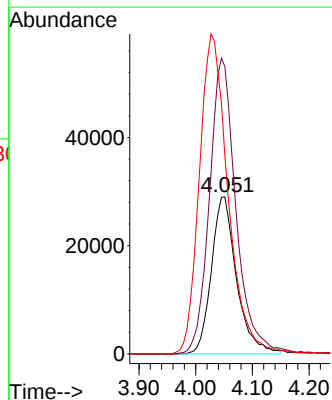
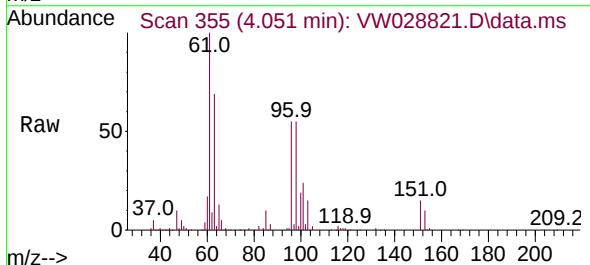
Tgt Ion: 96 Resp: 89327

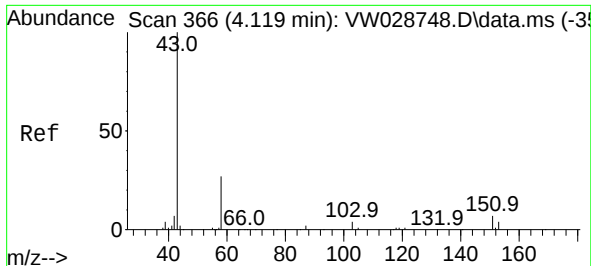
Ion Ratio Lower Upper

96 100

61 183.1 131.6 244.4

63 126.6 111.4 206.8

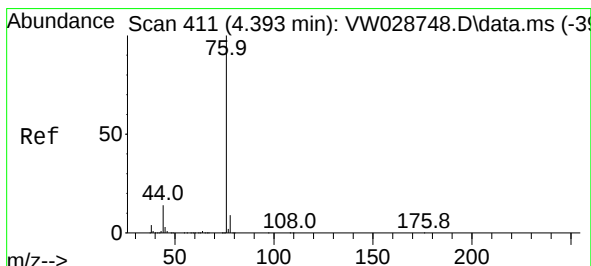
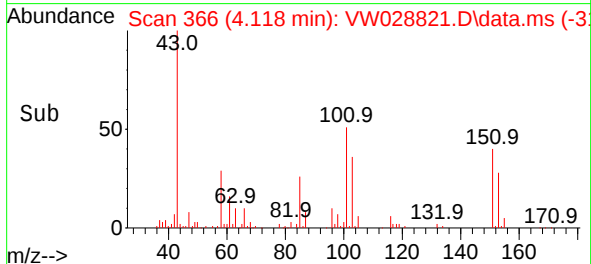
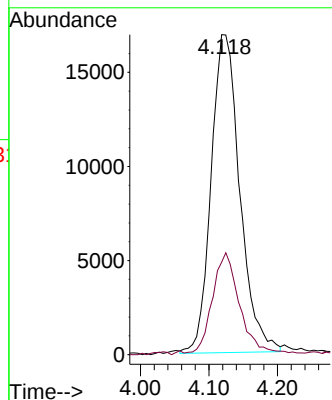
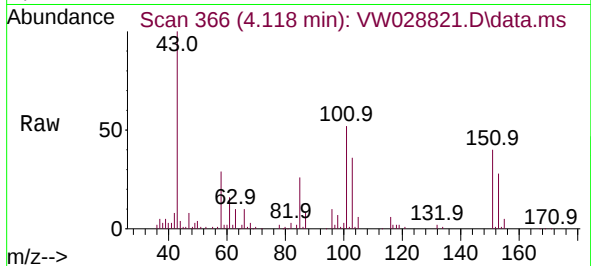




#13
Acetone
Concen: 40.673 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW028821.D
Acq: 28 May 2024 10:39

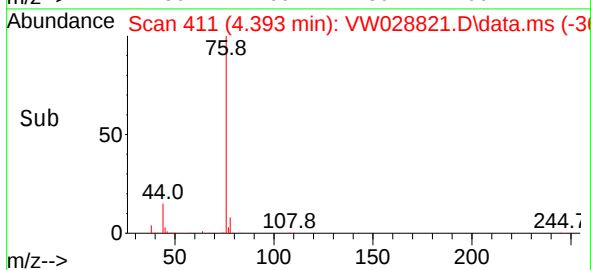
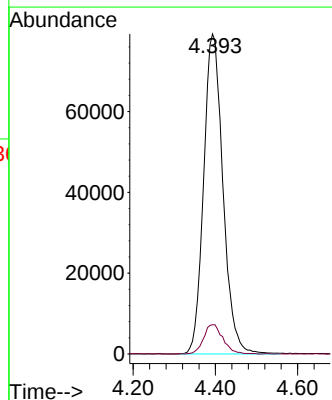
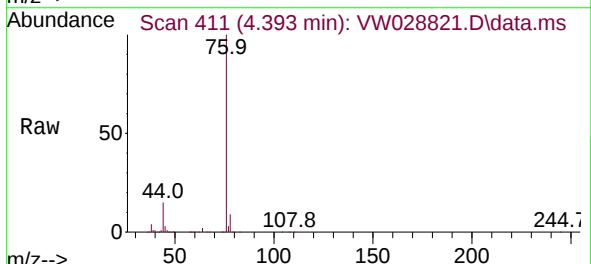
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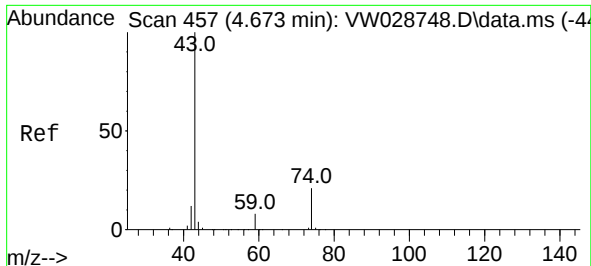
Tgt Ion: 43 Resp: 49104
Ion Ratio Lower Upper
43 100
58 29.3 0.0 54.4



#14
Carbon disulfide
Concen: 20.740 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW028821.D
Acq: 28 May 2024 10:39

Tgt Ion: 76 Resp: 258408
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0





#15

Methyl Acetate

Concen: 21.468 ug/L

RT: 4.673 min Scan# 457

Delta R.T. -0.000 min

Lab File: VW028821.D

Acq: 28 May 2024 10:39

Instrument :

MSVOA_W

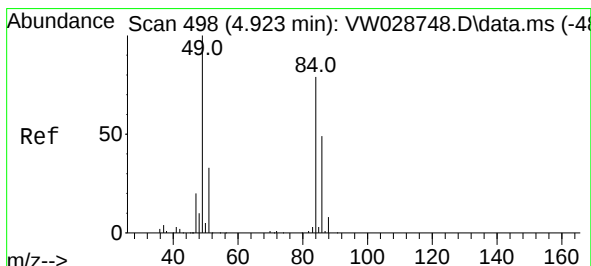
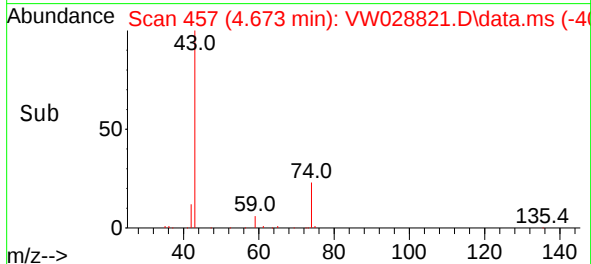
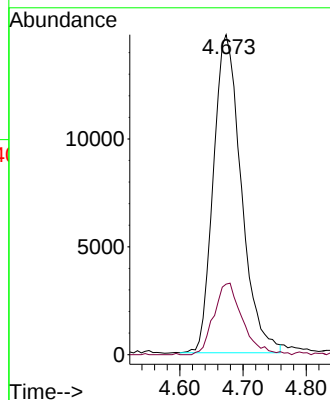
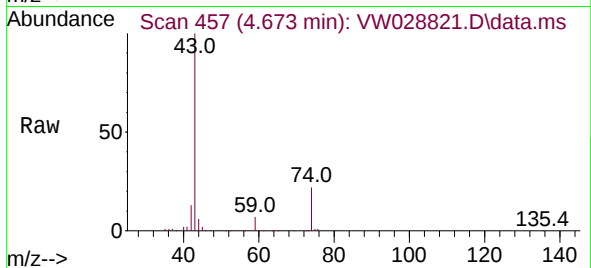
ClientSampleId :

Tgt Ion: 43 Resp: 45092

Ion Ratio Lower Upper

43 100

74 22.8 17.6 26.4



#16

Methylene chloride

Concen: 26.119 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.006 min

Lab File: VW028821.D

Acq: 28 May 2024 10:39

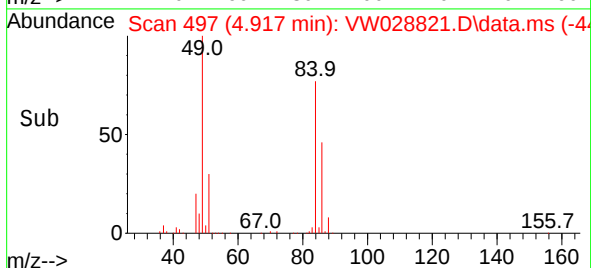
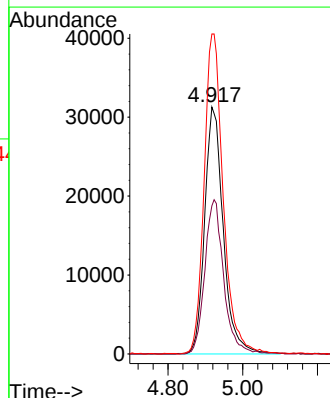
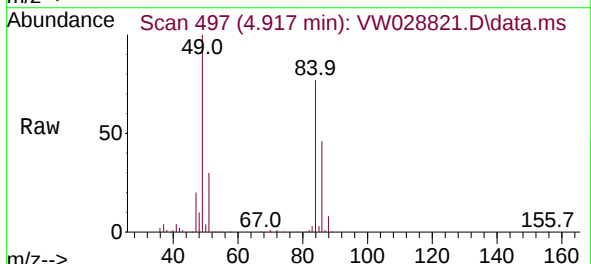
Tgt Ion: 84 Resp: 108205

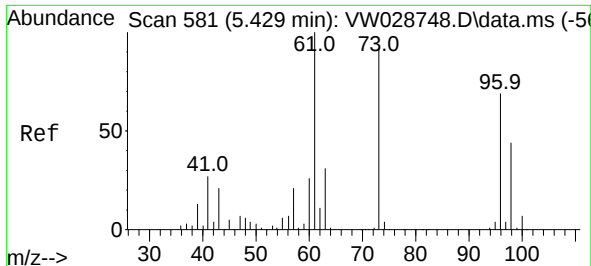
Ion Ratio Lower Upper

84 100

86 60.0 44.4 82.4

49 129.6 100.2 186.2





#17

trans-1,2-Dichloroethene

Concen: 24.825 ug/L

RT: 5.435 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW028821.D

Acq: 28 May 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :

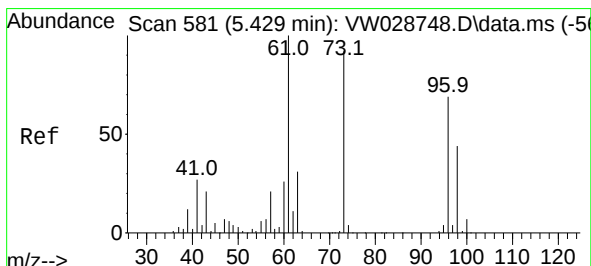
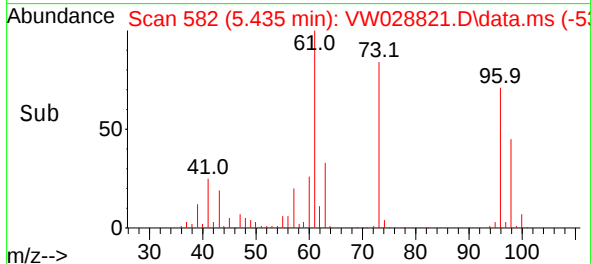
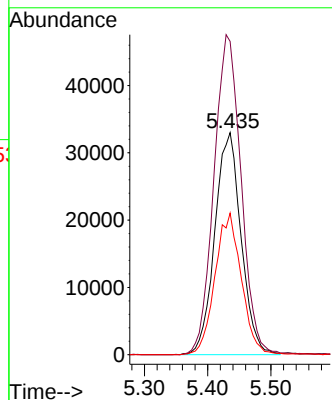
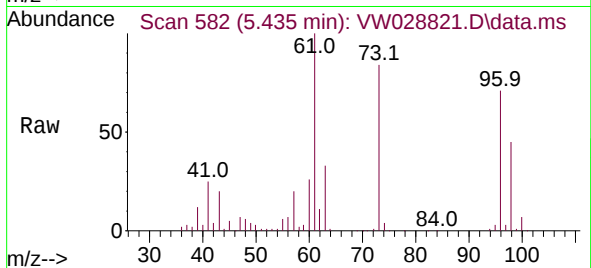
Tgt Ion: 96 Resp: 95281

Ion Ratio Lower Upper

96 100

61 141.1 109.0 202.4

98 63.8 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 24.878 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW028821.D

Acq: 28 May 2024 10:39

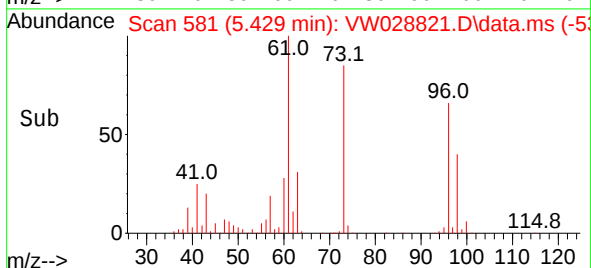
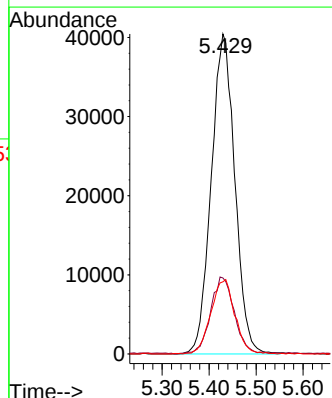
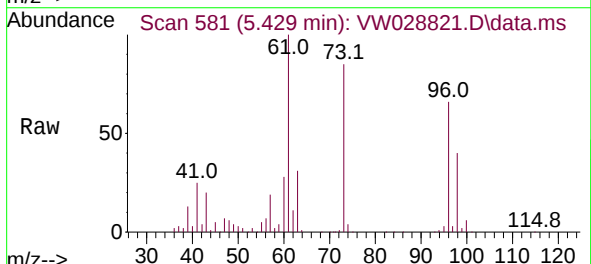
Tgt Ion: 73 Resp: 140911

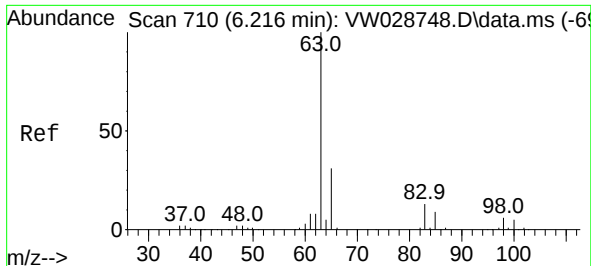
Ion Ratio Lower Upper

73 100

43 24.2 19.2 28.8

57 23.6 18.5 27.7

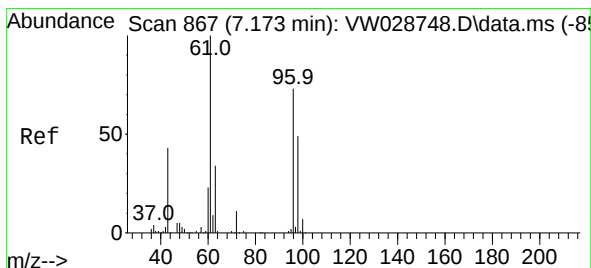
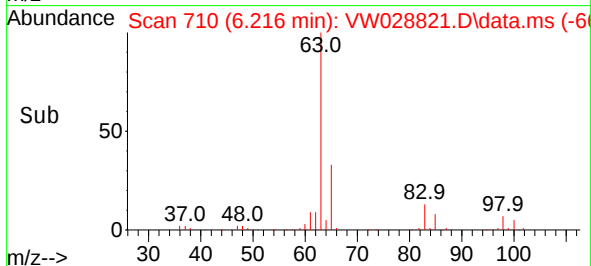
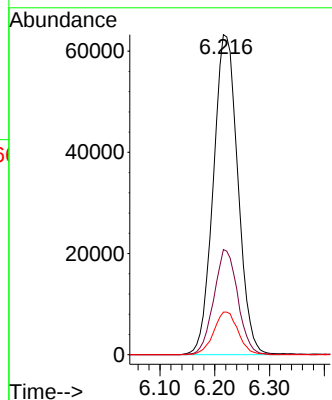
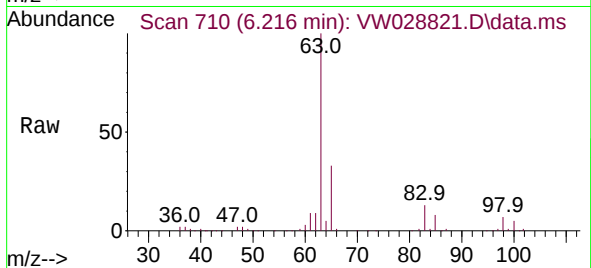




#19
1,1-Dichloroethane
Concen: 25.852 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW028821.D
Acq: 28 May 2024 10:39

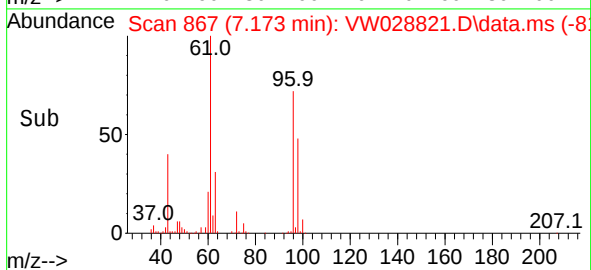
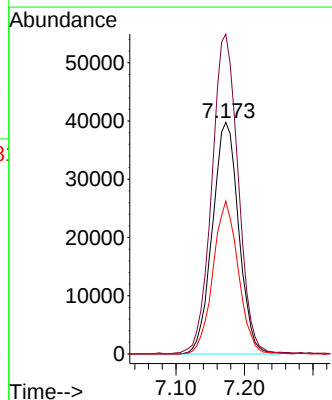
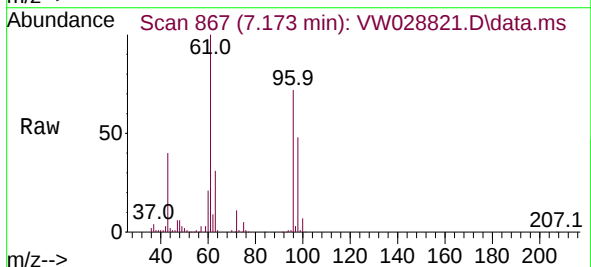
Instrument :
MSVOA_W
ClientSampleId :

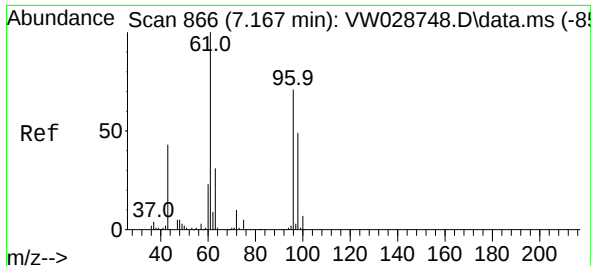
Tgt Ion: 63 Resp: 196760
Ion Ratio Lower Upper
63 100
65 32.9 22.9 42.5
83 13.3 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 26.351 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW028821.D
Acq: 28 May 2024 10:39

Tgt Ion: 96 Resp: 105849
Ion Ratio Lower Upper
96 100
61 138.2 102.8 191.0
98 66.1 44.3 82.3





#22

2-Butanone

Concen: 40.239 ug/L

RT: 7.173 min Scan# 866

Delta R.T. 0.006 min

Lab File: VW028821.D

Acq: 28 May 2024 10:39

Instrument :

MSVOA_W

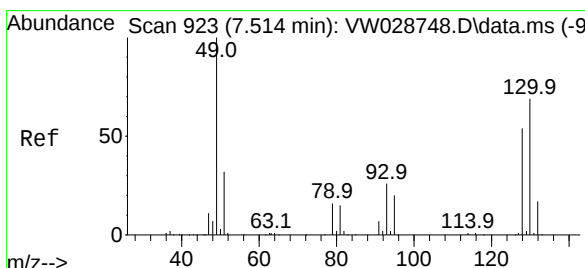
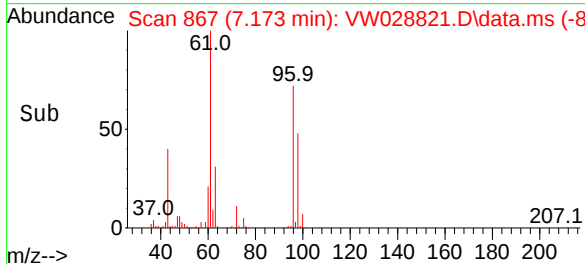
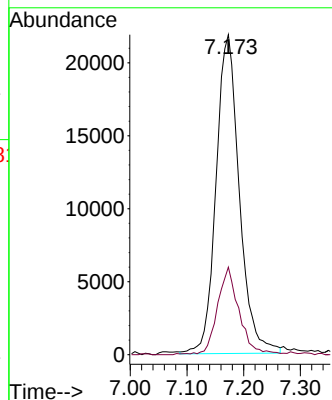
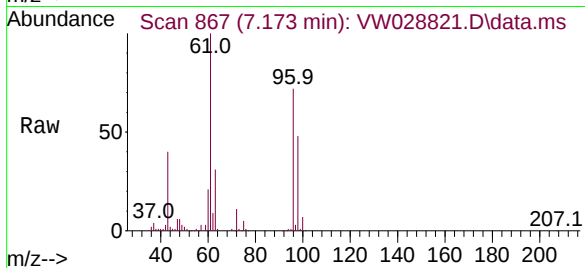
ClientSampleId :

Tgt Ion: 43 Resp: 62353

Ion Ratio Lower Upper

43 100

72 24.0 12.2 36.6



#23

Bromochloromethane

Concen: 26.152 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW028821.D

Acq: 28 May 2024 10:39

Tgt Ion: 128 Resp: 45823

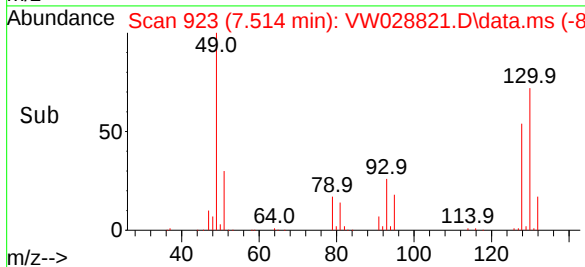
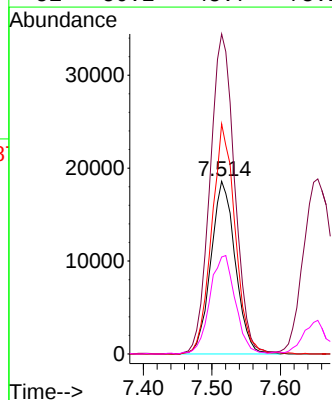
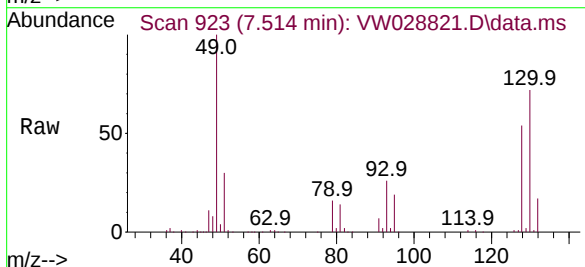
Ion Ratio Lower Upper

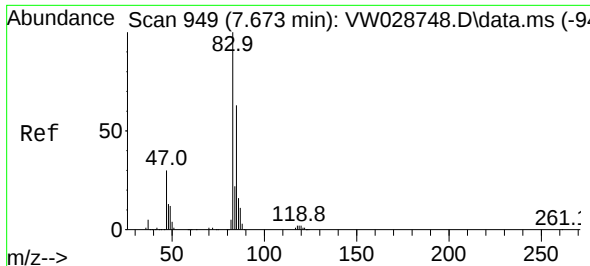
128 100

49 185.3 139.6 259.2

130 133.3 91.2 169.4

51 56.2 48.7 73.1

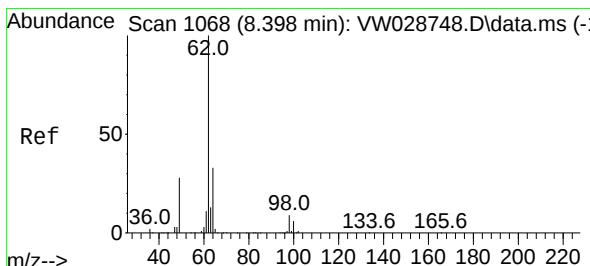
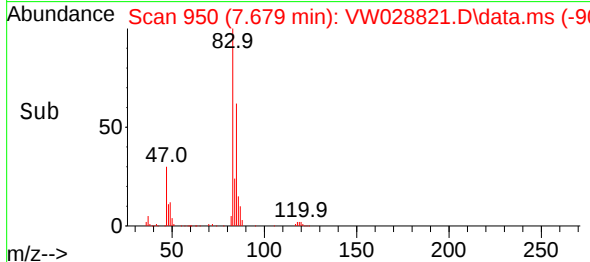
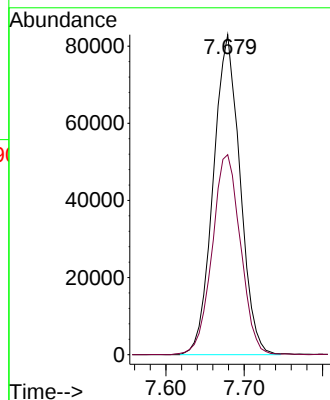
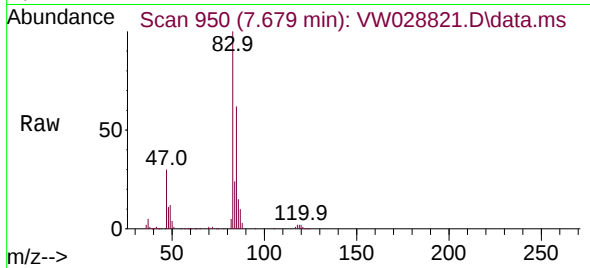




#25
Chloroform
Concen: 26.763 ug/L
RT: 7.679 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW028821.D
Acq: 28 May 2024 10:39

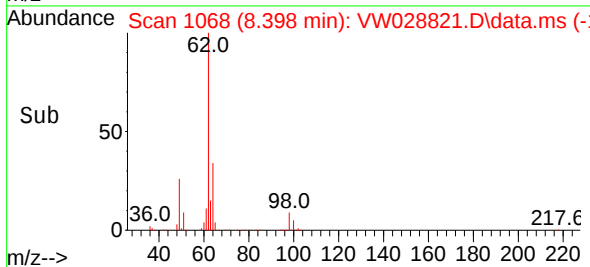
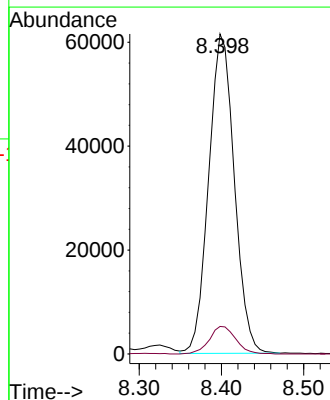
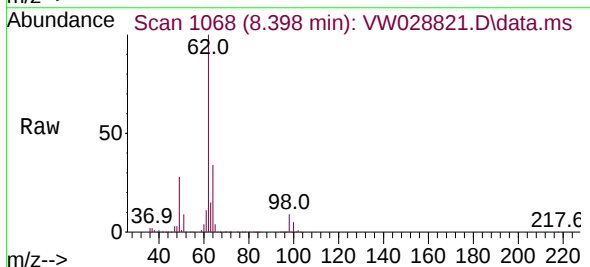
Instrument :
MSVOA_W
ClientSampleId :

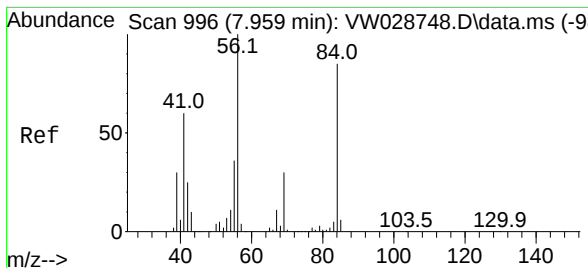
Tgt Ion: 83 Resp: 197019
Ion Ratio Lower Upper
83 100
85 62.5 43.4 80.6



#27
1,2-Dichloroethane
Concen: 24.908 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW028821.D
Acq: 28 May 2024 10:39

Tgt Ion: 62 Resp: 133289
Ion Ratio Lower Upper
62 100
98 8.6 7.0 10.6





#29

Cyclohexane

Concen: 22.086 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW028821.D

Acq: 28 May 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :

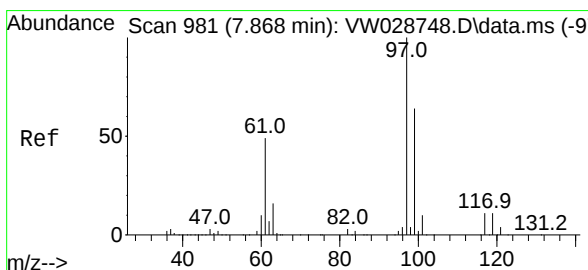
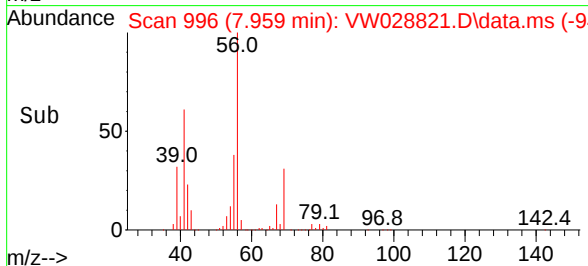
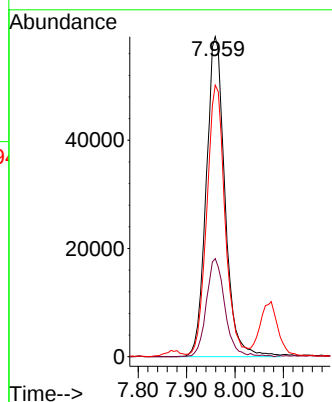
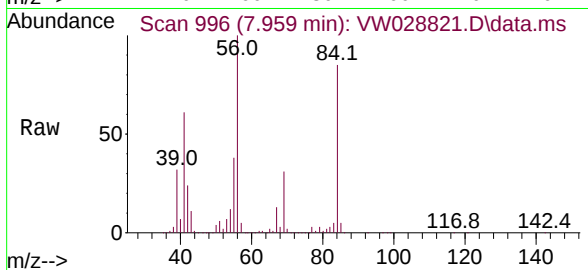
Tgt Ion: 56 Resp: 159331

Ion Ratio Lower Upper

56 100

69 29.9 23.4 35.0

84 82.7 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 24.473 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW028821.D

Acq: 28 May 2024 10:39

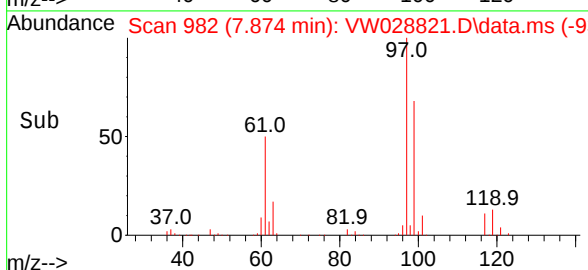
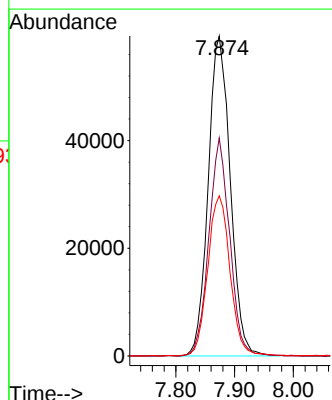
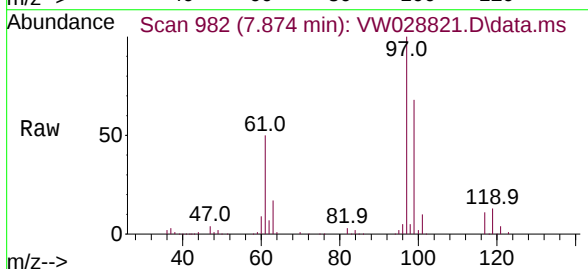
Tgt Ion: 97 Resp: 155171

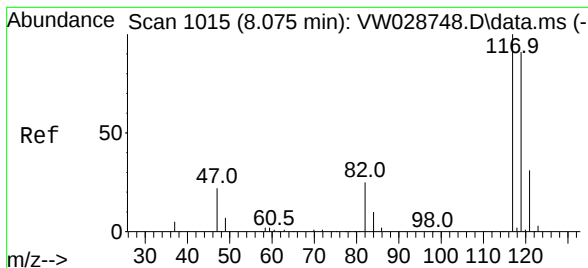
Ion Ratio Lower Upper

97 100

99 64.2 50.9 76.3

61 50.3 41.0 61.6

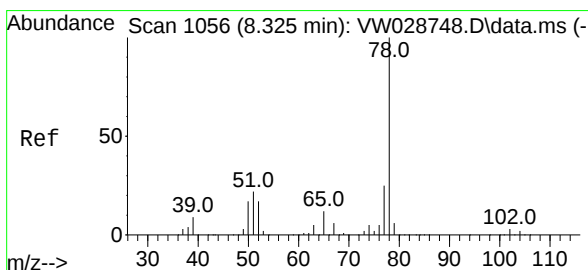
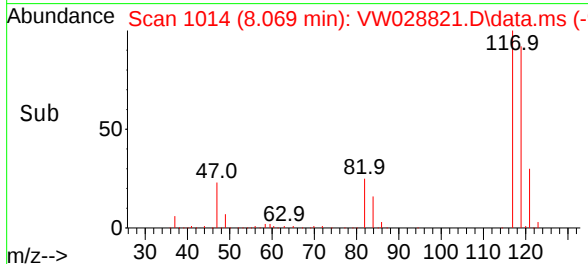
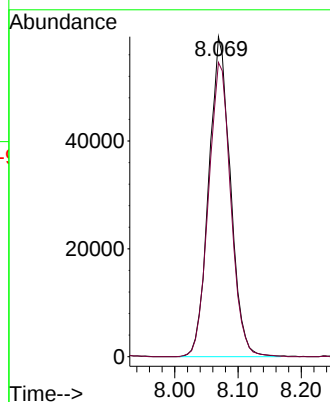
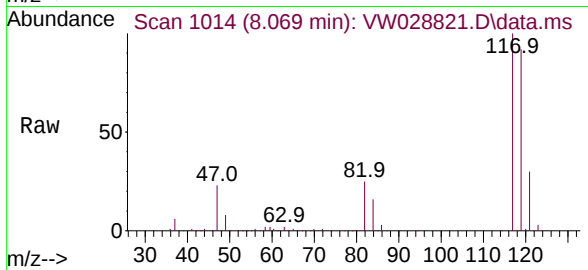




#31
Carbon tetrachloride
Concen: 24.451 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW028821.D
Acq: 28 May 2024 10:39

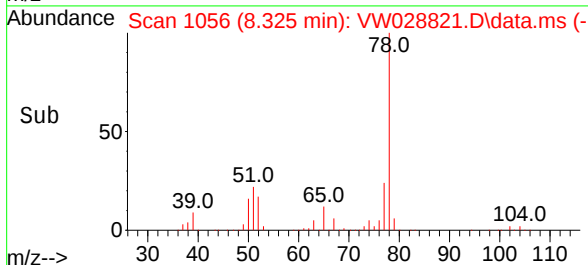
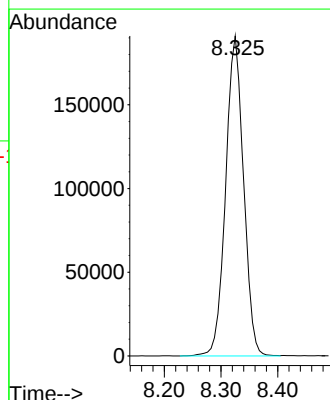
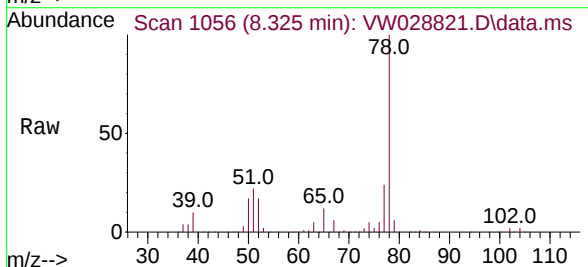
Instrument :
MSVOA_W
ClientSampleId :

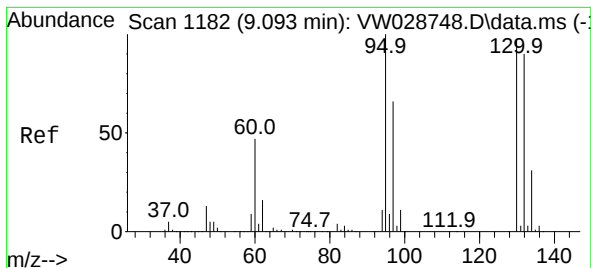
Tgt Ion:117 Resp: 141351
Ion Ratio Lower Upper
117 100
119 94.5 77.2 115.8



#33
Benzene
Concen: 25.526 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028821.D
Acq: 28 May 2024 10:39

Tgt Ion: 78 Resp: 418811





#34

Trichloroethene

Concen: 25.151 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW028821.D

Acq: 28 May 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 110641

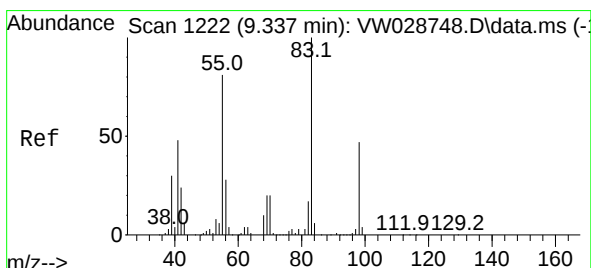
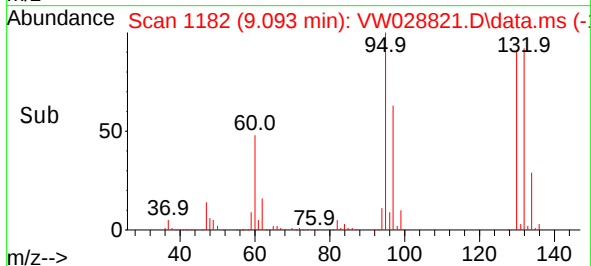
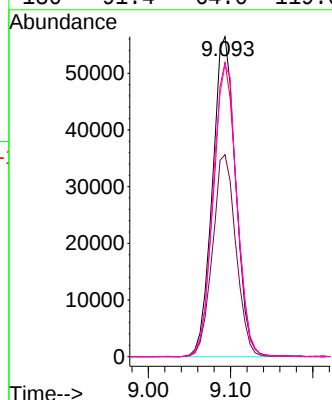
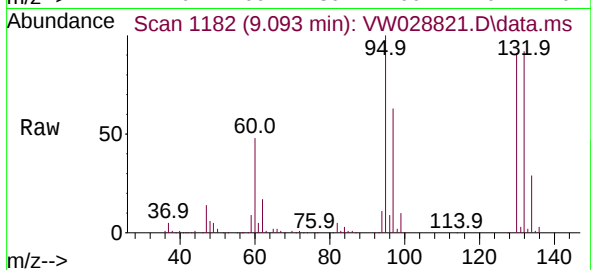
Ion Ratio Lower Upper

95 100

97 63.1 44.9 83.3

132 91.9 59.7 110.9

130 91.4 64.0 119.0



#35

Methylcyclohexane

Concen: 23.244 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW028821.D

Acq: 28 May 2024 10:39

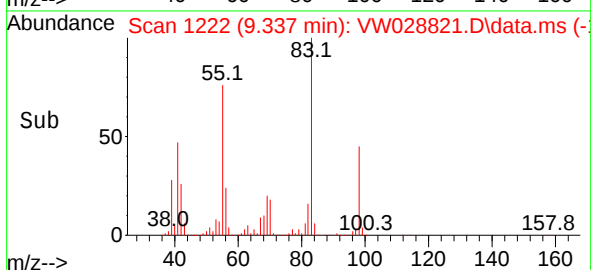
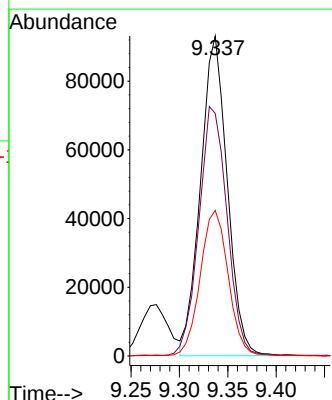
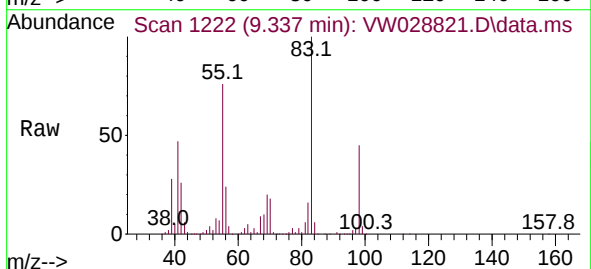
Tgt Ion: 83 Resp: 178687

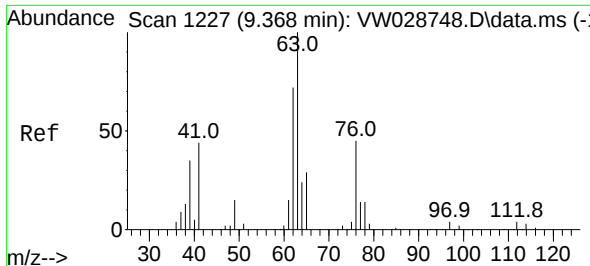
Ion Ratio Lower Upper

83 100

55 82.3 66.9 100.3

98 47.9 37.9 56.9





#37

1,2-Dichloropropane

Concen: 26.171 ug/L

RT: 9.368 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028821.D

Acq: 28 May 2024 10:39

Instrument :

MSVOA_W

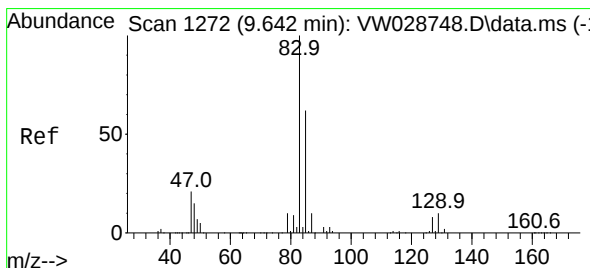
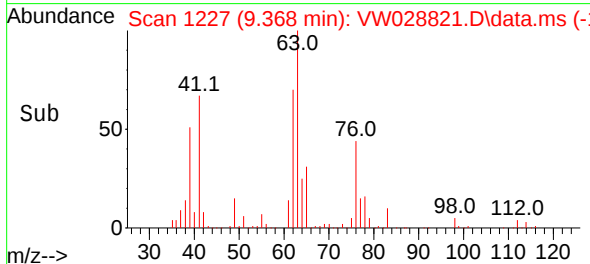
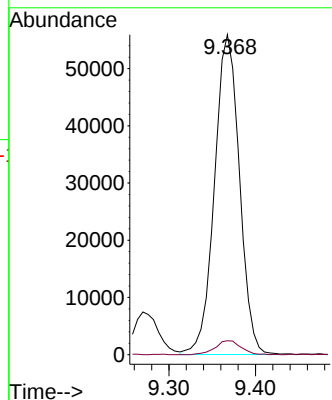
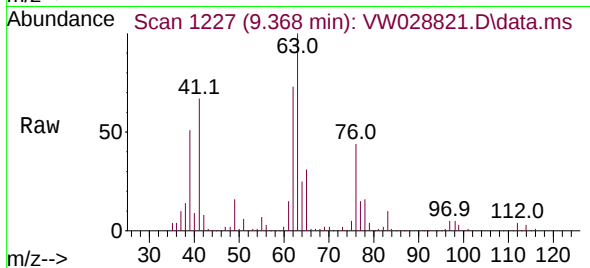
ClientSampleId :

Tgt Ion: 63 Resp: 111889

Ion Ratio Lower Upper

63 100

112 4.5 3.5 5.3



#38

Bromodichloromethane

Concen: 26.206 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028821.D

Acq: 28 May 2024 10:39

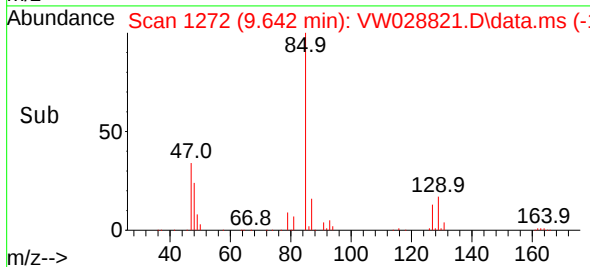
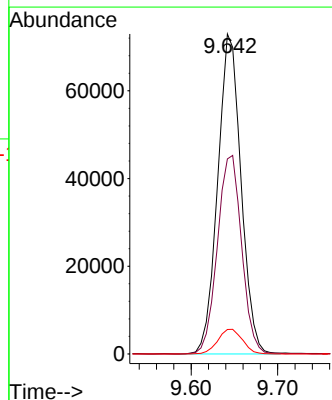
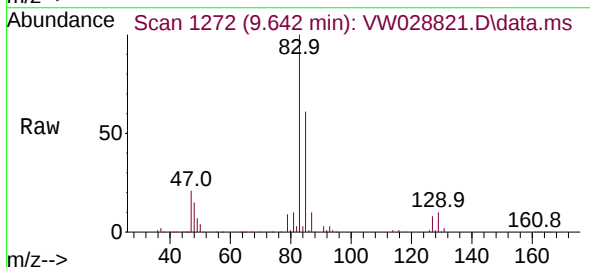
Tgt Ion: 83 Resp: 136575

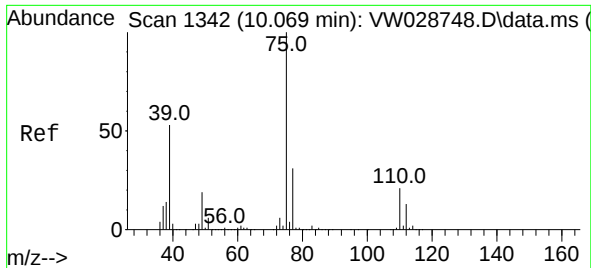
Ion Ratio Lower Upper

83 100

85 60.9 43.0 80.0

127 7.6 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 26.390 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW028821.D

Acq: 28 May 2024 10:39

Instrument :

MSVOA_W

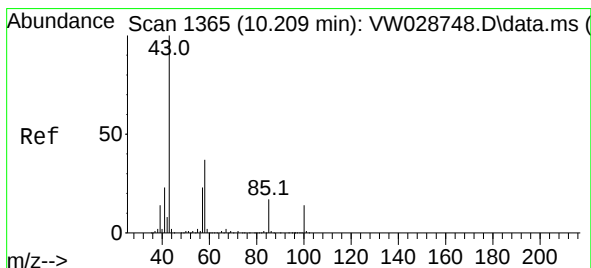
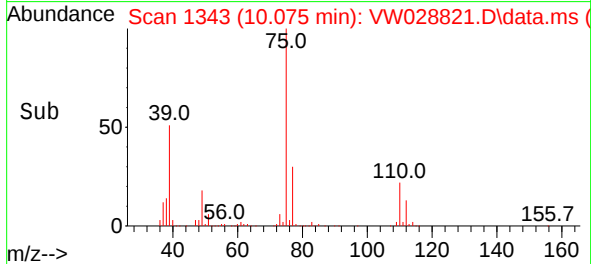
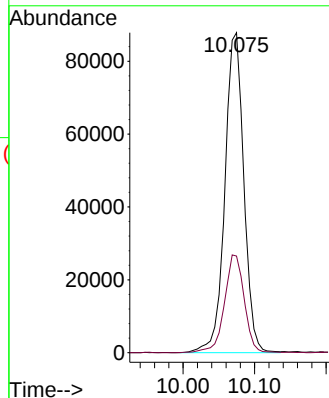
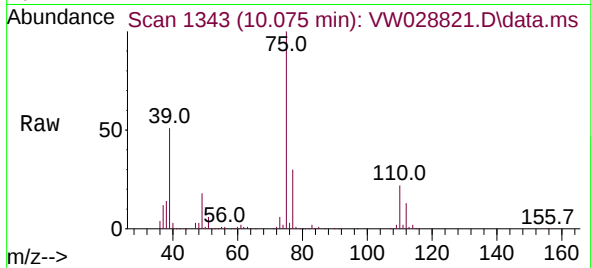
ClientSampleId :

Tgt Ion: 75 Resp: 161715

Ion Ratio Lower Upper

75 100

77 30.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 44.266 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028821.D

Acq: 28 May 2024 10:39

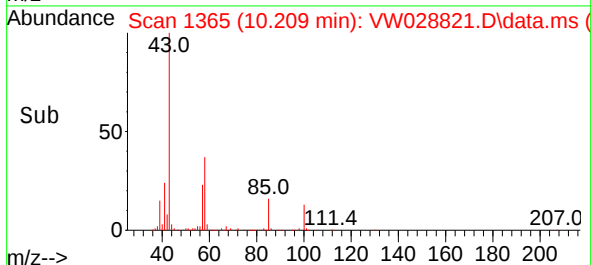
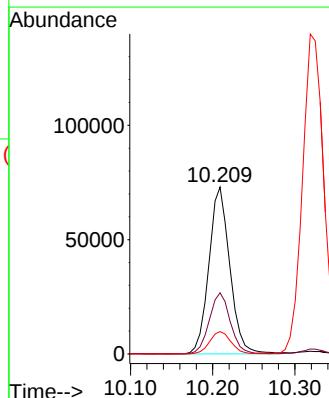
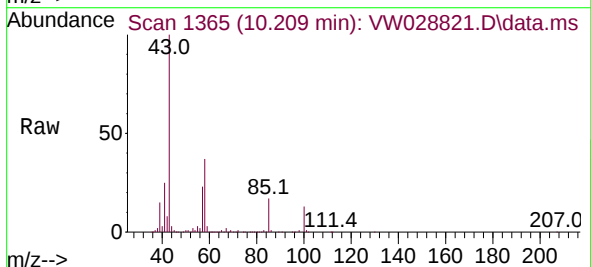
Tgt Ion: 43 Resp: 128804

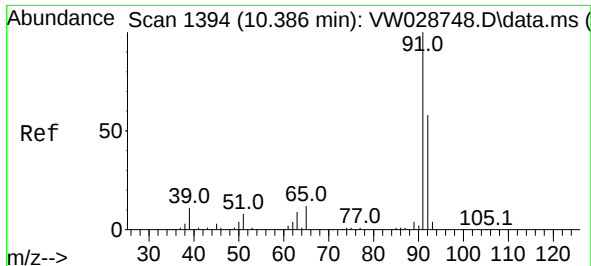
Ion Ratio Lower Upper

43 100

58 37.2 29.2 43.8

100 13.8 11.0 16.4

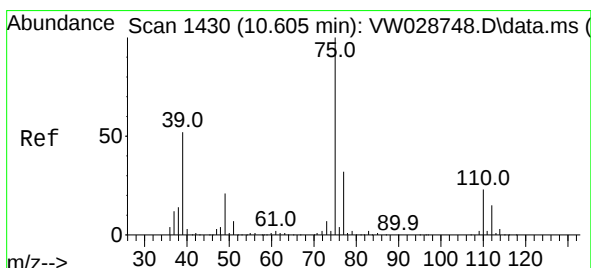
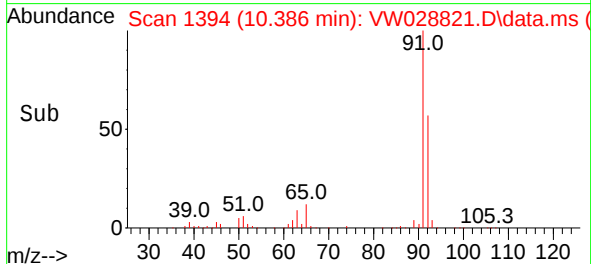
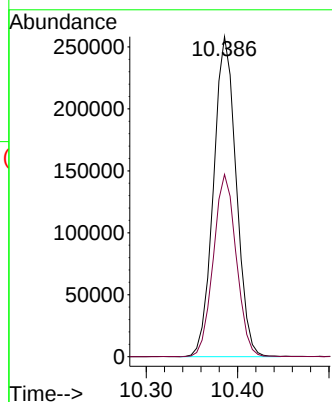
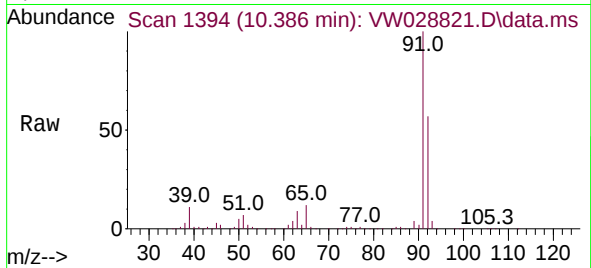




#42
Toluene
Concen: 26.237 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW028821.D
Acq: 28 May 2024 10:39

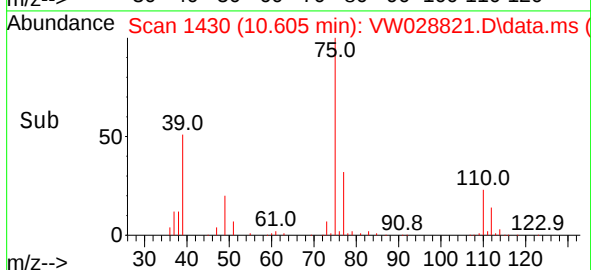
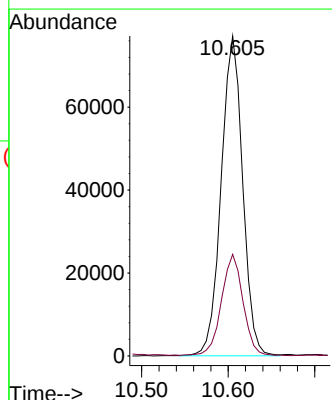
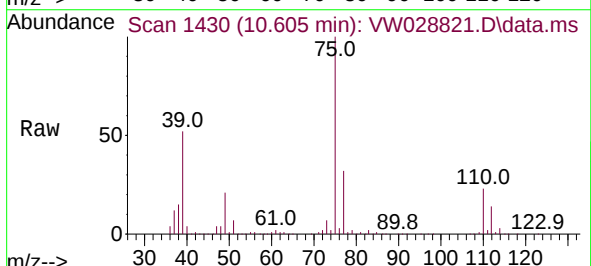
Instrument :
MSVOA_W
ClientSampleId :

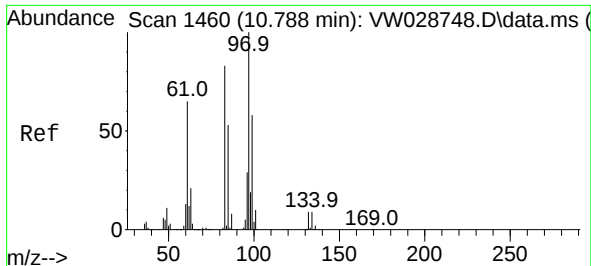
Tgt Ion: 91 Resp: 444616
Ion Ratio Lower Upper
91 100
92 57.0 42.5 78.9



#44
trans-1,3-Dichloropropene
Concen: 25.726 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW028821.D
Acq: 28 May 2024 10:39

Tgt Ion: 75 Resp: 132919
Ion Ratio Lower Upper
75 100
77 31.8 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 25.134 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VW028821.D

Acq: 28 May 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 77842

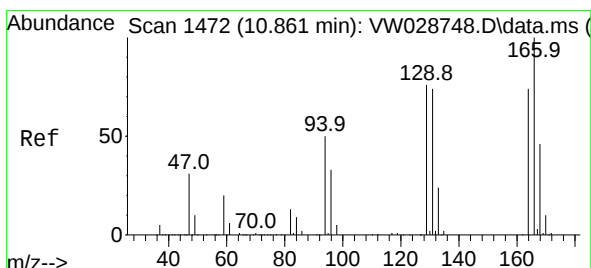
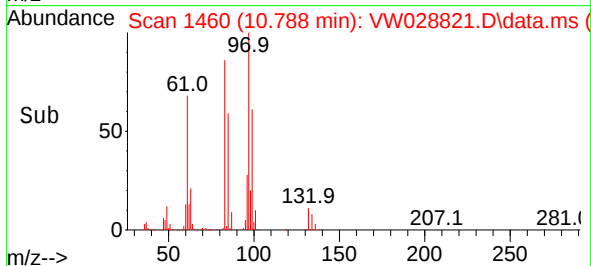
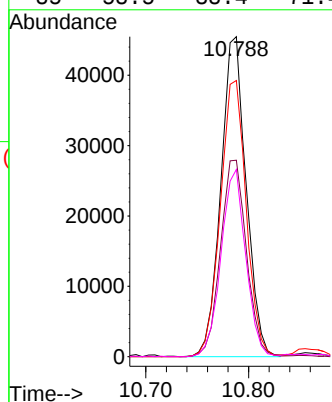
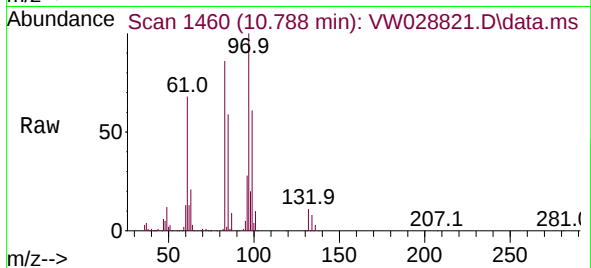
Ion Ratio Lower Upper

97 100

99 61.4 41.9 77.9

83 86.3 62.1 115.3

85 58.5 38.4 71.4



#46

Tetrachloroethene

Concen: 24.822 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028821.D

Acq: 28 May 2024 10:39

Tgt Ion:164 Resp: 78671

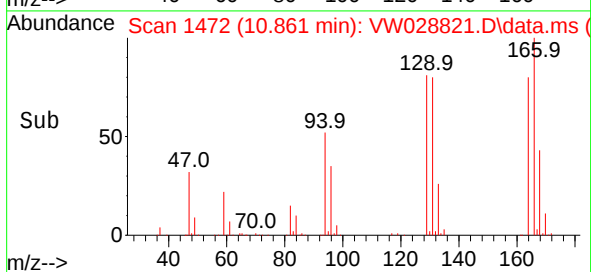
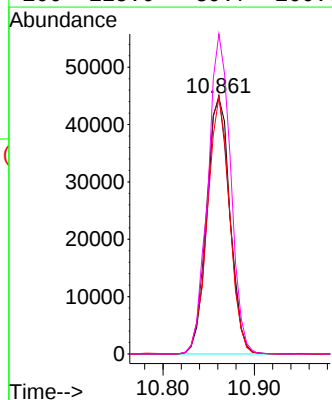
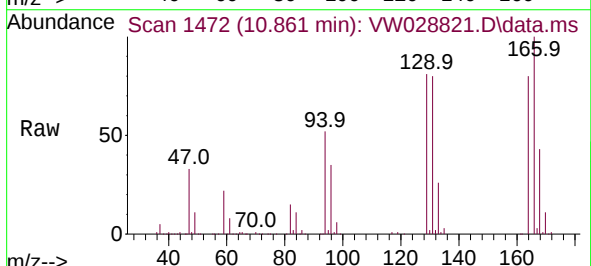
Ion Ratio Lower Upper

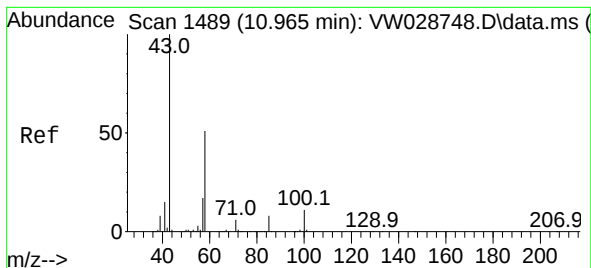
164 100

129 101.1 69.2 128.6

131 100.3 67.7 125.7

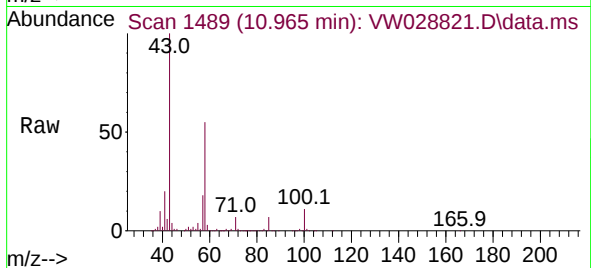
166 125.0 89.7 166.7



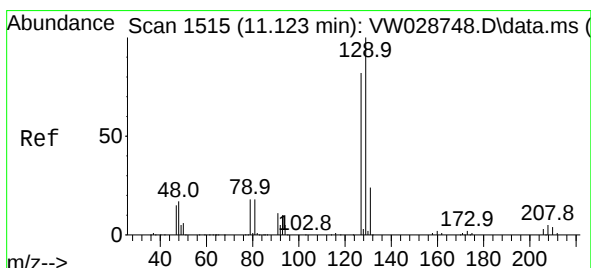
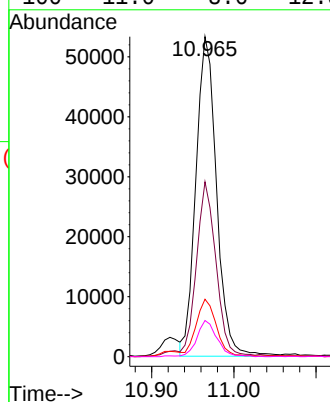
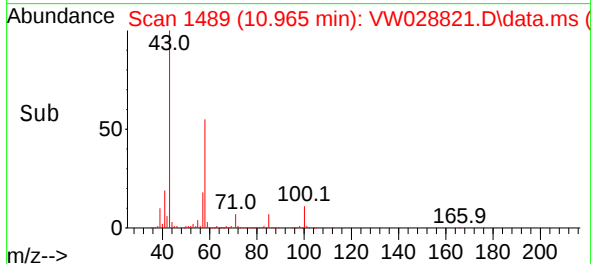


#48
2-Hexanone
Concen: 45.324 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028821.D
Acq: 28 May 2024 10:39

Instrument :
MSVOA_W
ClientSampleId :

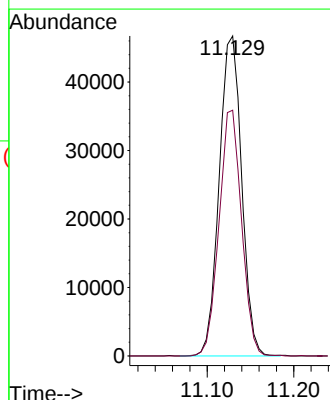
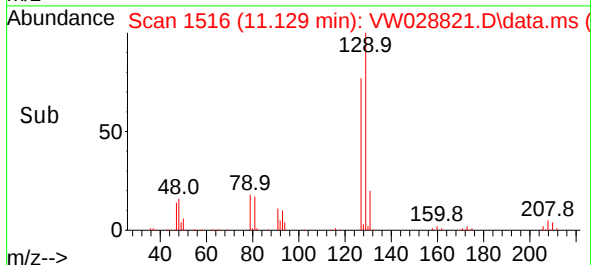
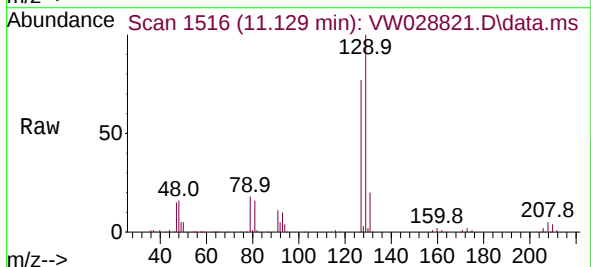


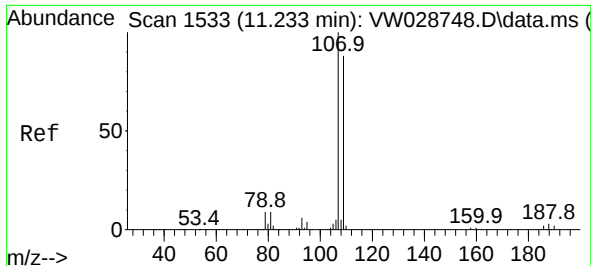
Tgt Ion: 43 Resp: 93108
Ion Ratio Lower Upper
43 100
58 50.6 41.0 61.4
57 17.6 14.8 22.2
100 11.0 8.6 12.8



#49
Dibromochloromethane
Concen: 27.097 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW028821.D
Acq: 28 May 2024 10:39

Tgt Ion: 129 Resp: 84175
Ion Ratio Lower Upper
129 100
127 76.8 54.3 100.8





#50

1,2-Dibromoethane

Concen: 24.042 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

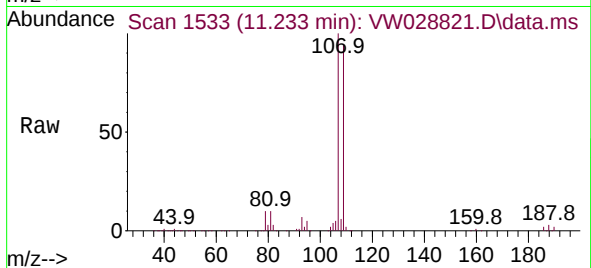
Lab File: VW028821.D

Acq: 28 May 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :



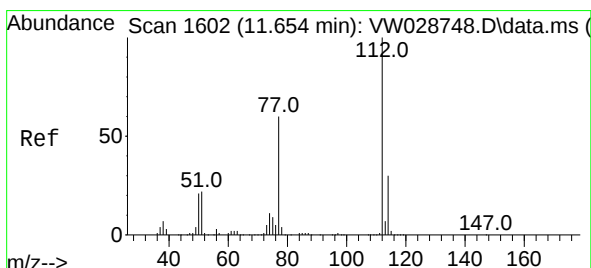
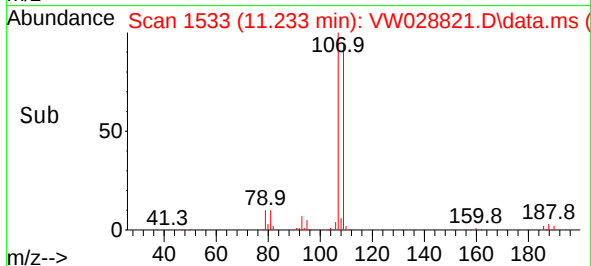
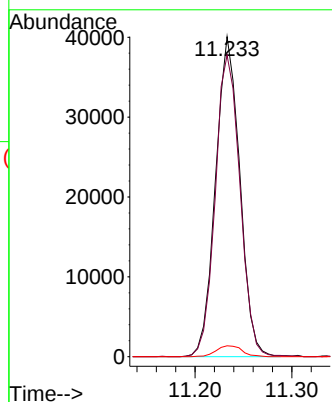
Tgt Ion:107 Resp: 69750

Ion Ratio Lower Upper

107 100

109 94.2 64.2 119.2

188 3.4 3.1 4.7



#51

Chlorobenzene

Concen: 26.362 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW028821.D

Acq: 28 May 2024 10:39

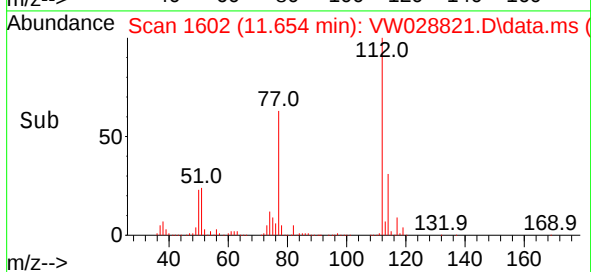
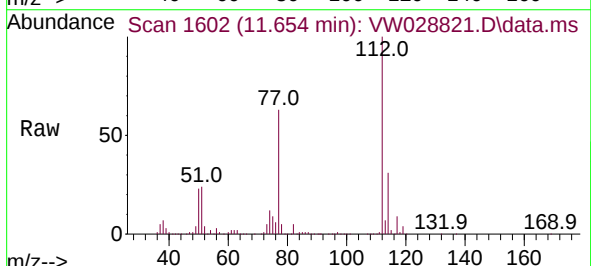
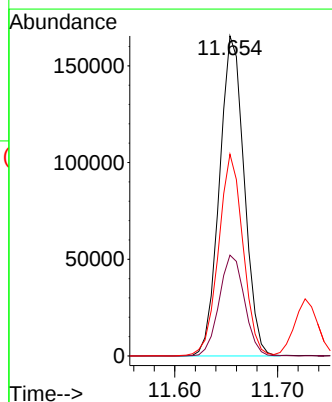
Tgt Ion:112 Resp: 276332

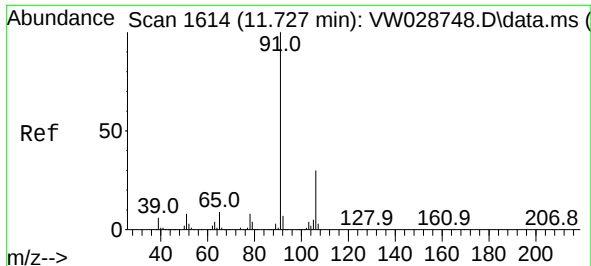
Ion Ratio Lower Upper

112 100

114 31.5 22.2 41.2

77 63.1 50.8 76.2





#52

Ethylbenzene

Concen: 26.812 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028821.D

Acq: 28 May 2024 10:39

Instrument :

MSVOA_W

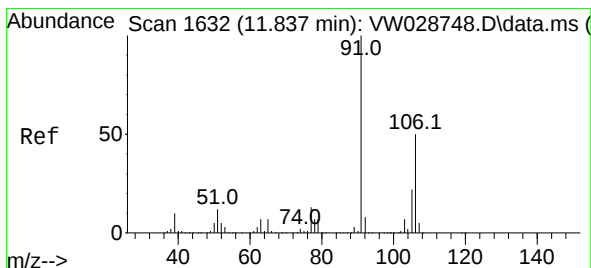
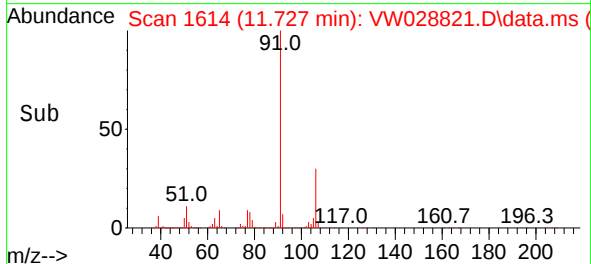
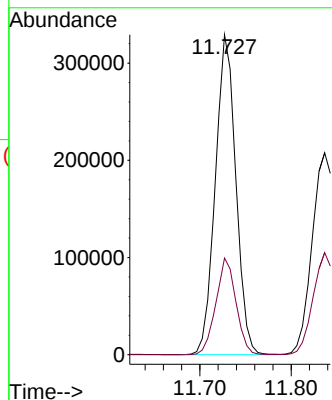
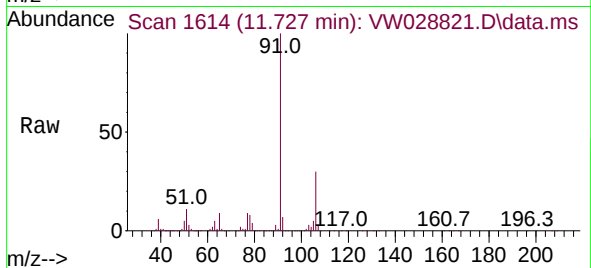
ClientSampleId :

Tgt Ion: 91 Resp: 514196

Ion Ratio Lower Upper

91 100

106 30.2 22.7 42.1



#53

m,p-Xylene

Concen: 26.753 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028821.D

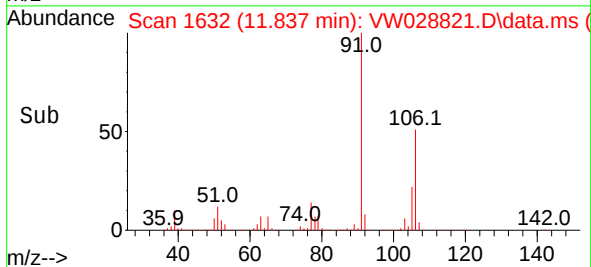
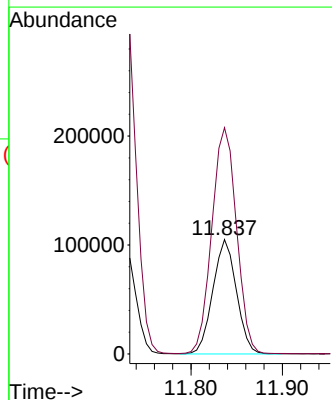
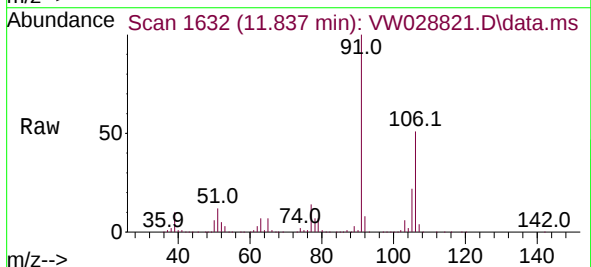
Acq: 28 May 2024 10:39

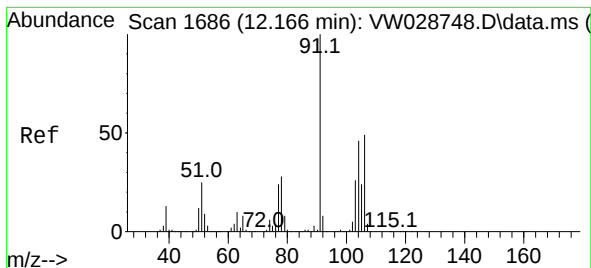
Tgt Ion:106 Resp: 188068

Ion Ratio Lower Upper

106 100

91 197.9 146.6 272.2





#54

o-Xylene

Concen: 27.002 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028821.D

Acq: 28 May 2024 10:39

Instrument :

MSVOA_W

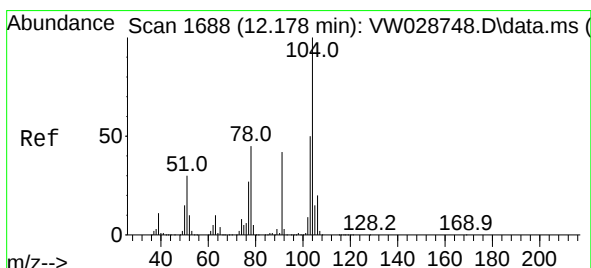
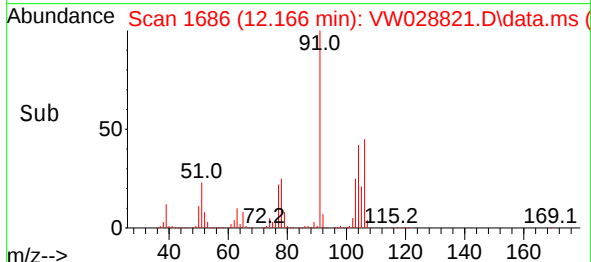
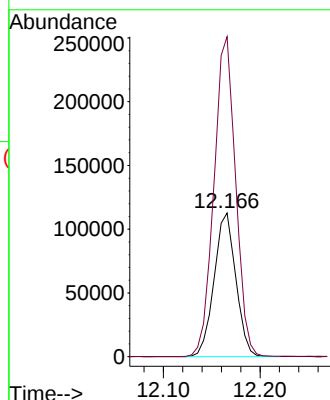
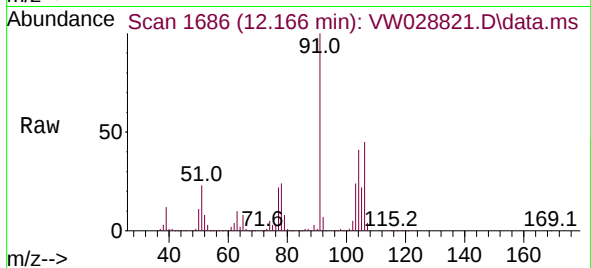
ClientSampleId :

Tgt Ion:106 Resp: 175602

Ion Ratio Lower Upper

106 100

91 222.7 154.3 286.5



#55

Styrene

Concen: 28.191 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028821.D

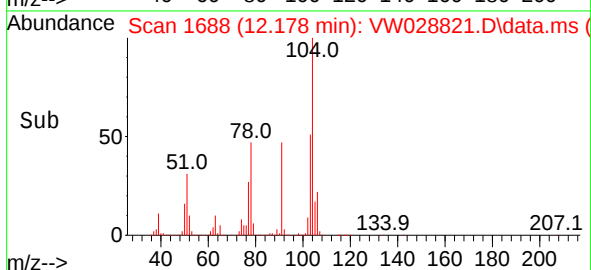
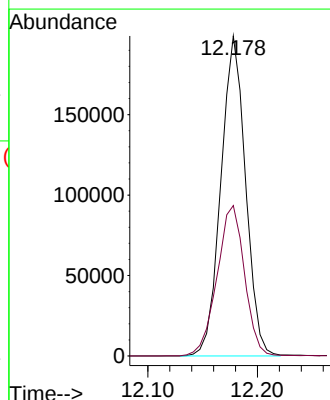
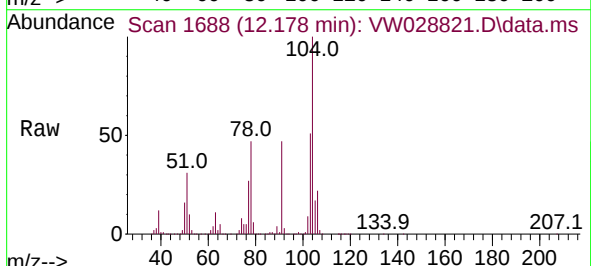
Acq: 28 May 2024 10:39

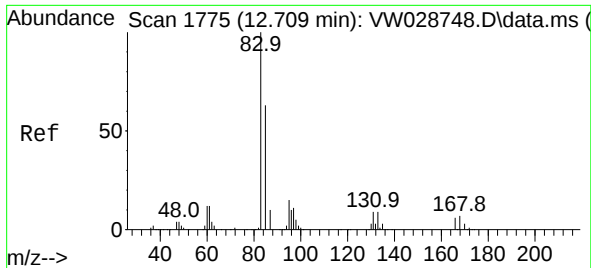
Tgt Ion:104 Resp: 310649

Ion Ratio Lower Upper

104 100

78 47.0 34.1 63.3





#57

1,1,2,2-Tetrachloroethane

Concen: 24.056 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028821.D

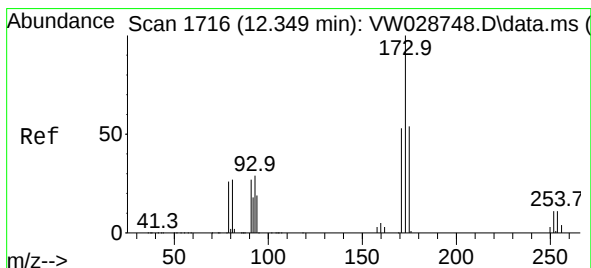
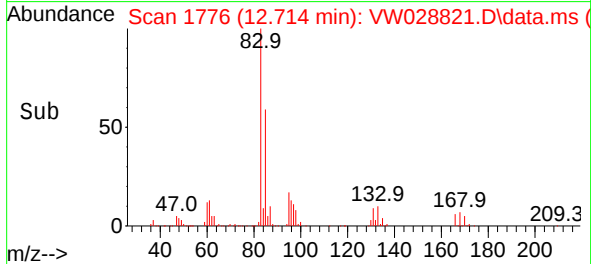
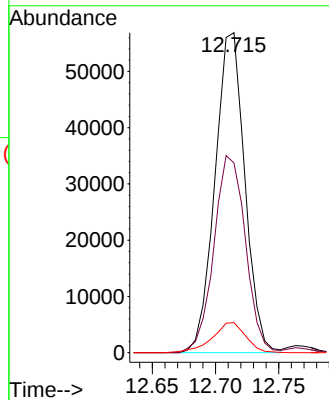
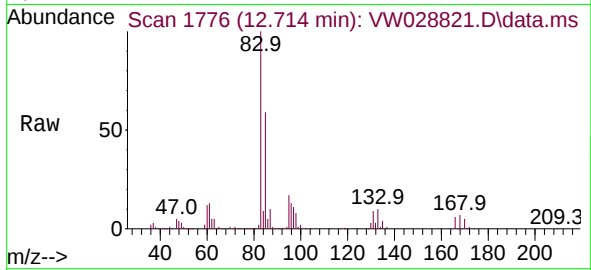
Acq: 28 May 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	93472
Ion Ratio	Lower	Upper	
83	100		
85	59.3	45.6	84.6
131	9.4	7.3	10.9



#59

Bromoform

Concen: 24.846 ug/L

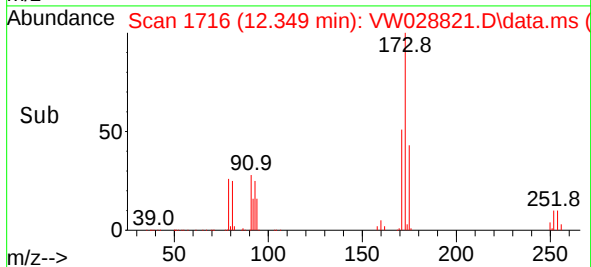
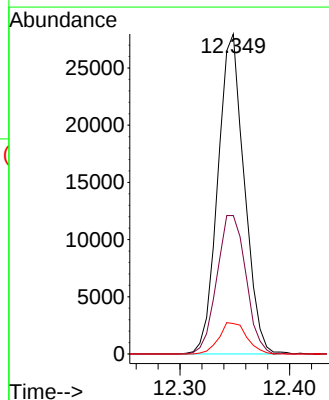
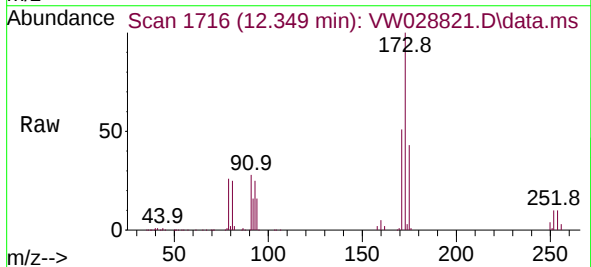
RT: 12.349 min Scan# 1716

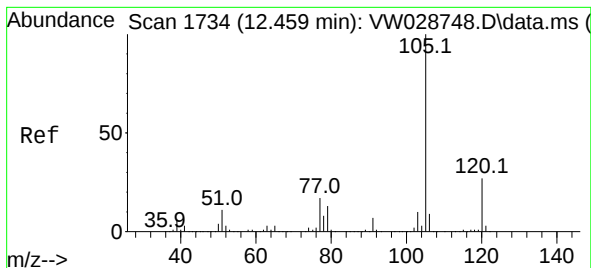
Delta R.T. -0.000 min

Lab File: VW028821.D

Acq: 28 May 2024 10:39

Tgt Ion:	173	Resp:	46834
Ion Ratio	Lower	Upper	
173	100		
175	47.5	39.8	59.8
254	10.3	7.1	10.7





#60

Isopropylbenzene

Concen: 25.525 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028821.D

Acq: 28 May 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :

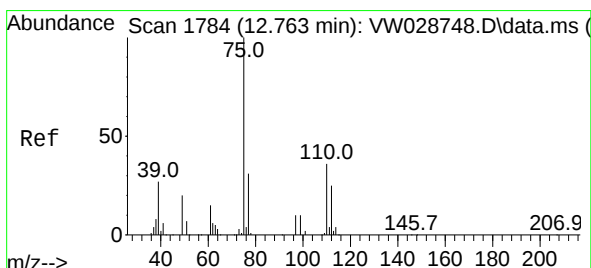
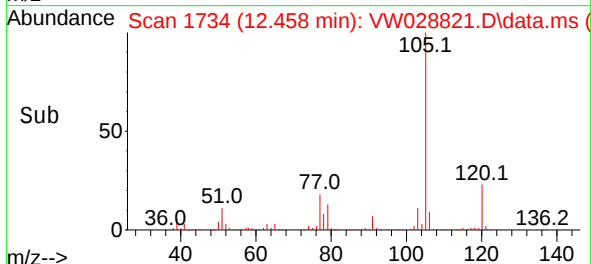
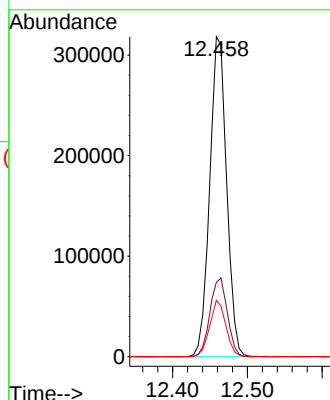
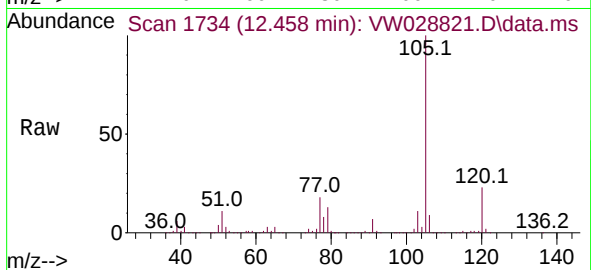
Tgt Ion:105 Resp: 500330

Ion Ratio Lower Upper

105 100

120 25.1 20.5 30.7

77 16.8 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 21.707 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028821.D

Acq: 28 May 2024 10:39

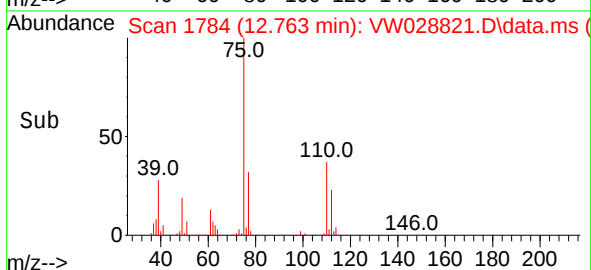
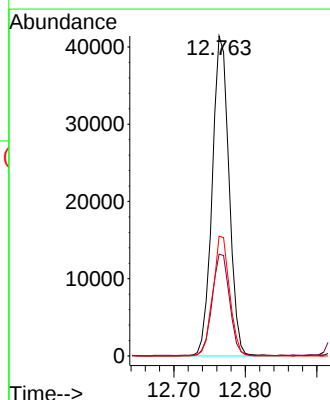
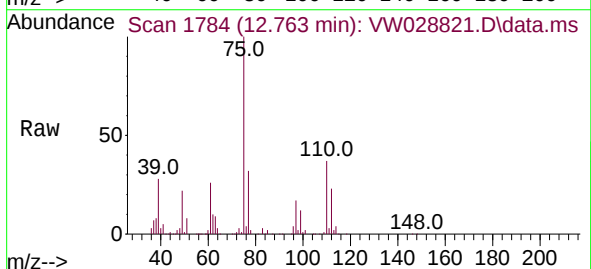
Tgt Ion: 75 Resp: 67780

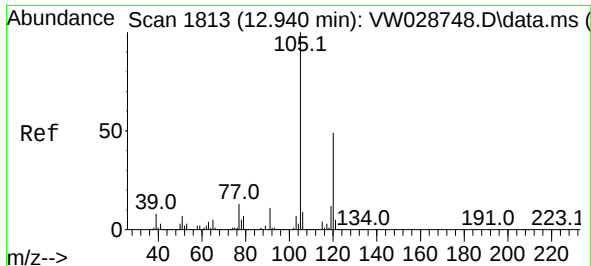
Ion Ratio Lower Upper

75 100

77 33.0 25.9 38.9

110 37.1 30.6 45.8





#62

1,3,5-Trimethylbenzene

Concen: 26.345 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW028821.D

Acq: 28 May 2024 10:39

Instrument :

MSVOA_W

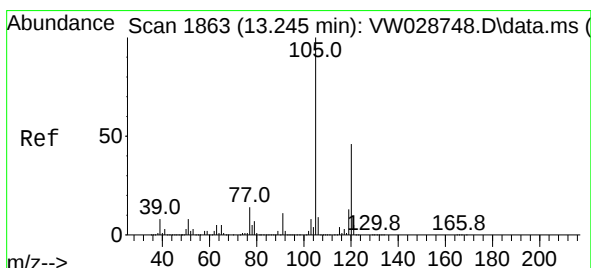
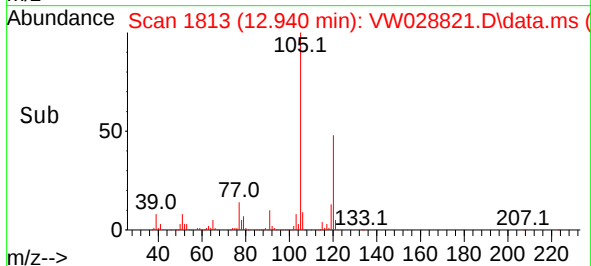
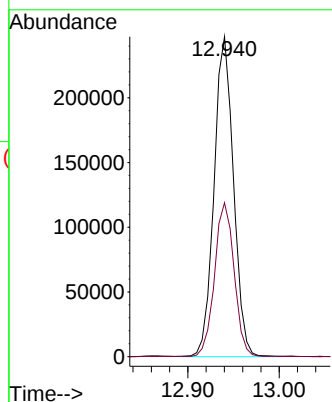
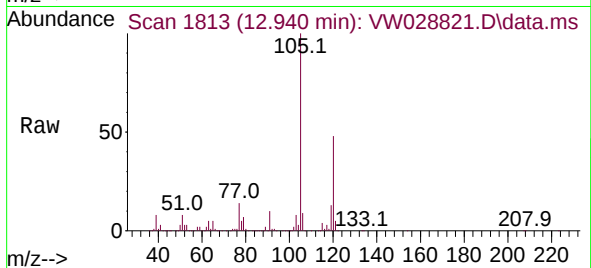
ClientSampleId :

Tgt Ion:105 Resp: 365366

Ion Ratio Lower Upper

105 100

120 48.2 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 25.858 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW028821.D

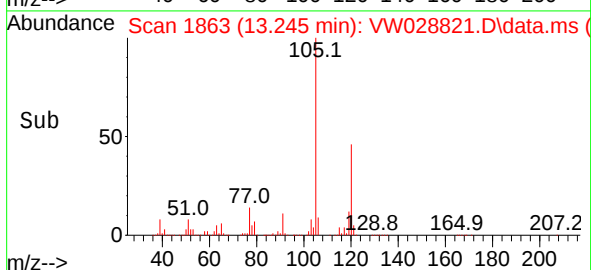
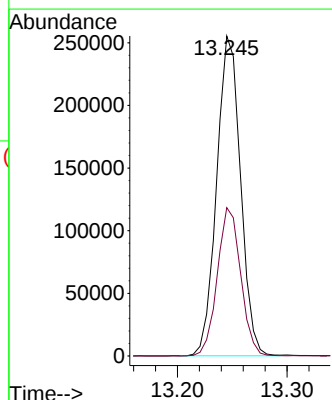
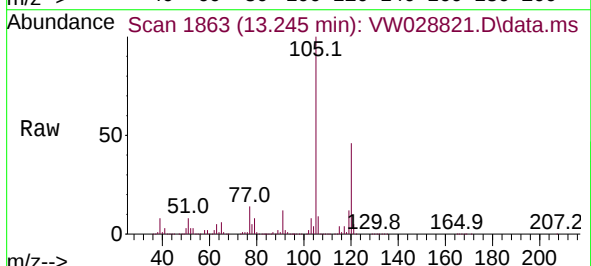
Acq: 28 May 2024 10:39

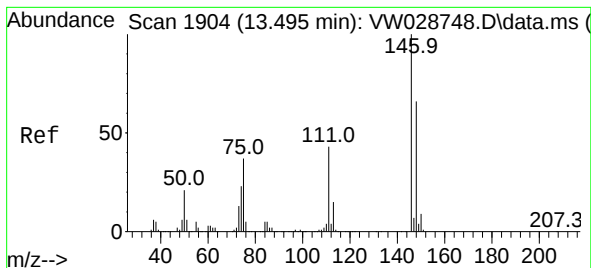
Tgt Ion:105 Resp: 386395

Ion Ratio Lower Upper

105 100

120 45.5 34.1 51.1





#64

1,3-Dichlorobenzene

Concen: 26.266 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028821.D

Acq: 28 May 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :

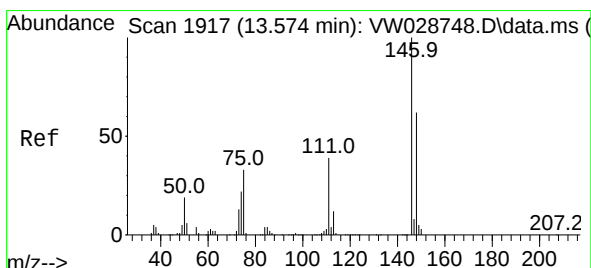
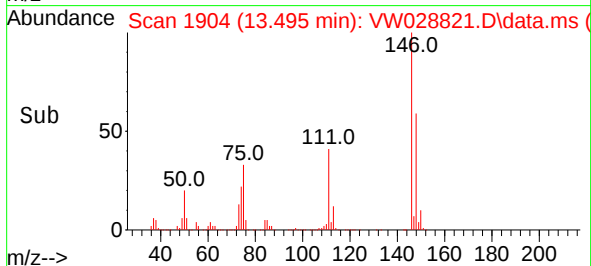
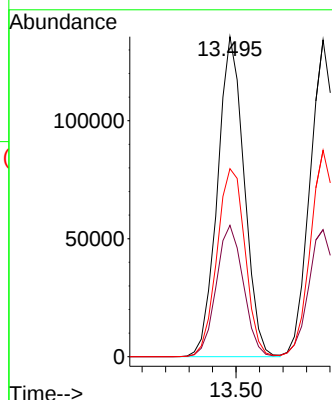
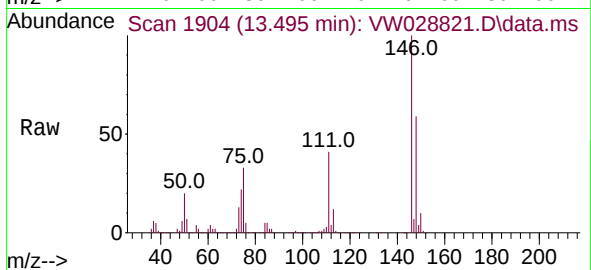
Tgt Ion:146 Resp: 214184

Ion Ratio Lower Upper

146 100

111 41.1 30.7 57.1

148 58.7 47.0 87.2



#65

1,4-Dichlorobenzene

Concen: 25.571 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028821.D

Acq: 28 May 2024 10:39

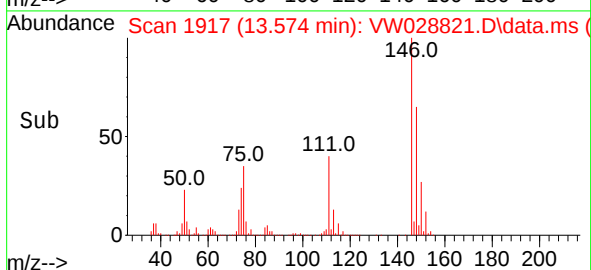
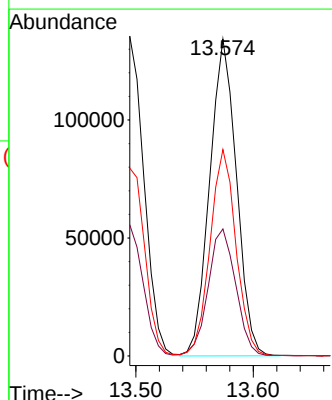
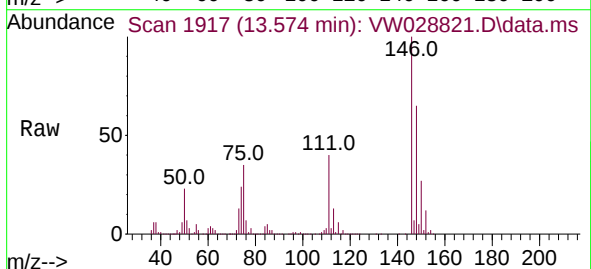
Tgt Ion:146 Resp: 213178

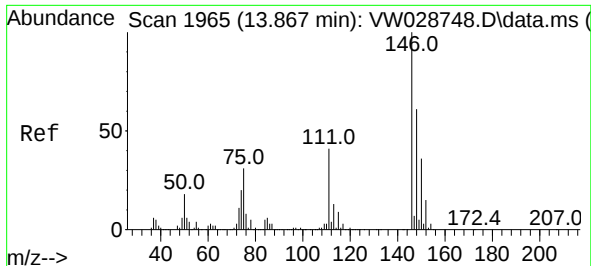
Ion Ratio Lower Upper

146 100

111 40.1 29.1 54.1

148 65.2 41.2 76.6





#67

1,2-Dichlorobenzene

Concen: 25.150 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

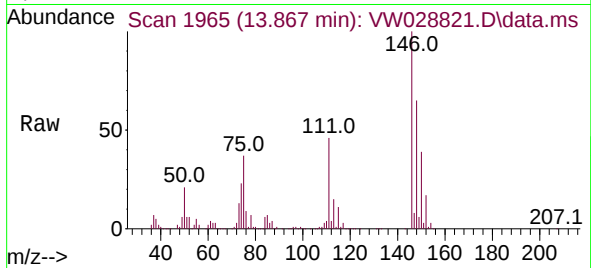
Lab File: VW028821.D

Acq: 28 May 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :



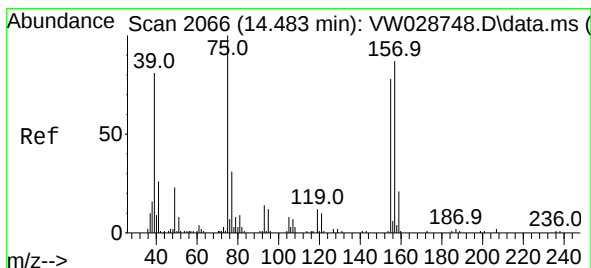
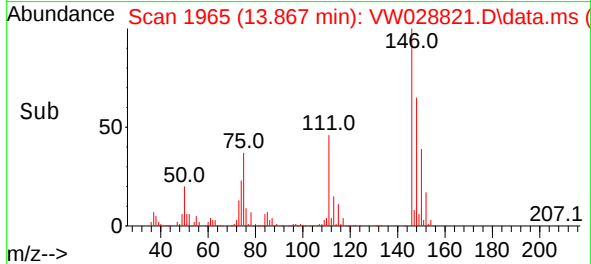
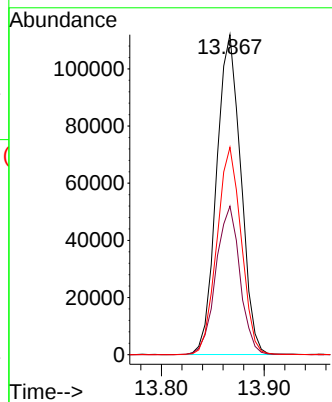
Tgt Ion:146 Resp: 183556

Ion Ratio Lower Upper

146 100

111 46.4 34.7 52.1

148 64.8 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 20.068 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW028821.D

Acq: 28 May 2024 10:39

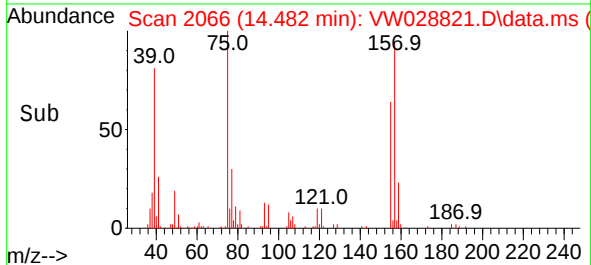
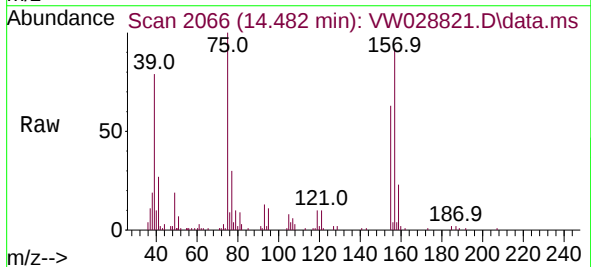
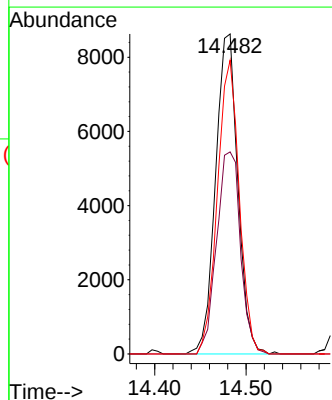
Tgt Ion: 75 Resp: 14651

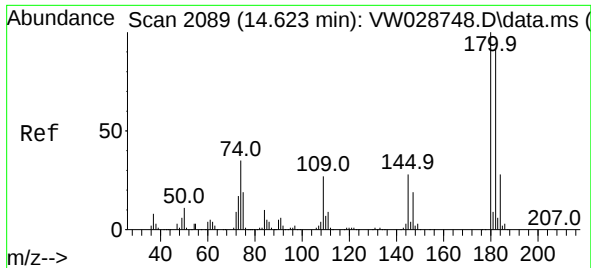
Ion Ratio Lower Upper

75 100

155 63.1 55.1 82.7

157 91.8 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 25.158 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

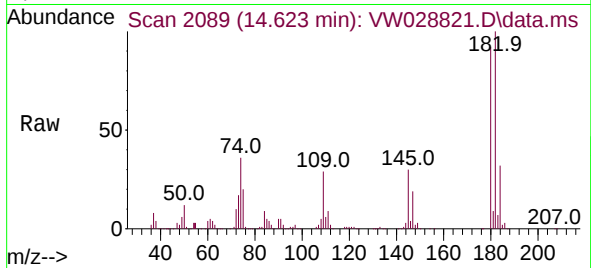
Lab File: VW028821.D

Acq: 28 May 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 137660

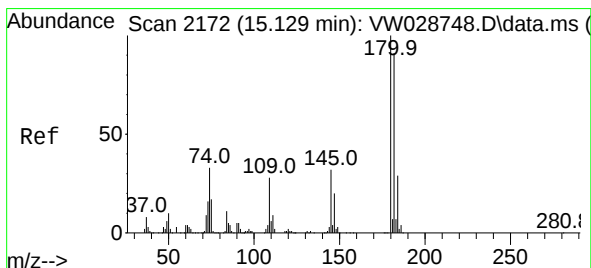
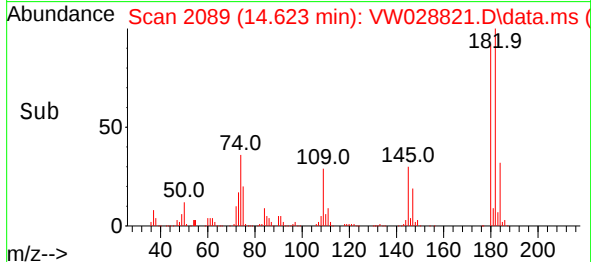
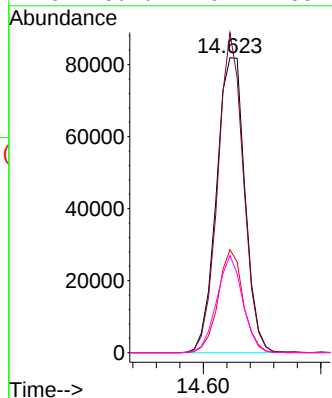
Ion Ratio Lower Upper

180 100

182 97.7 75.4 113.2

184 30.8 24.0 36.0

145 30.0 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 24.496 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028821.D

Acq: 28 May 2024 10:39

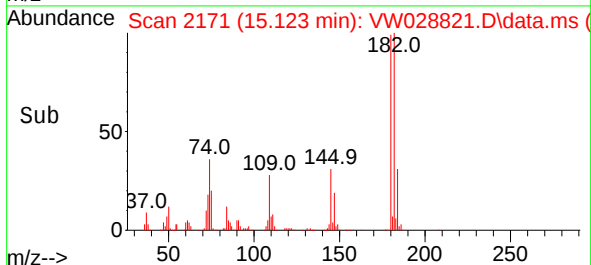
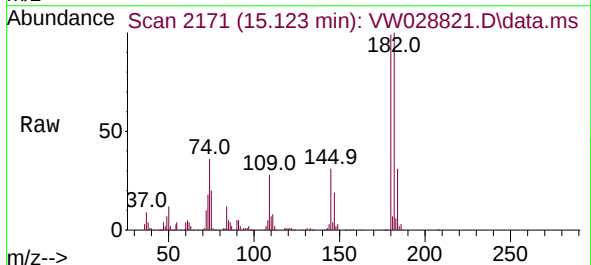
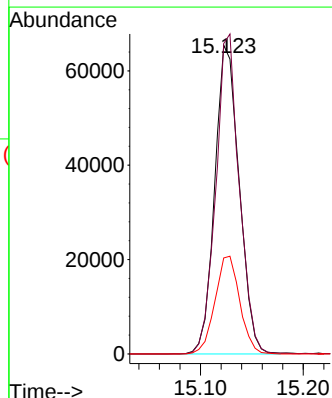
Tgt Ion:180 Resp: 108303

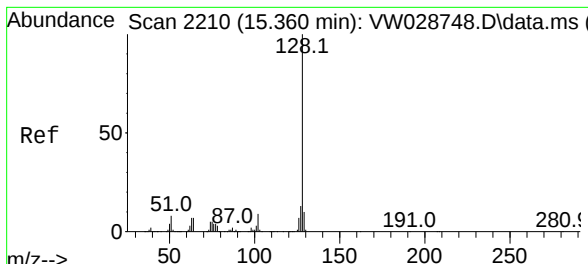
Ion Ratio Lower Upper

180 100

182 99.3 77.2 115.8

145 32.0 26.6 39.8



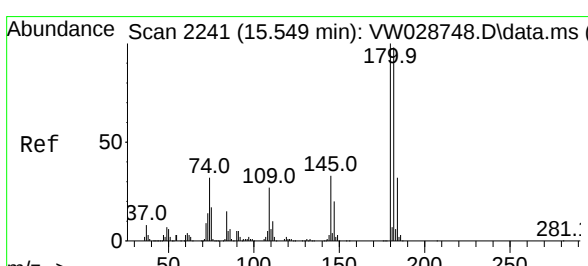
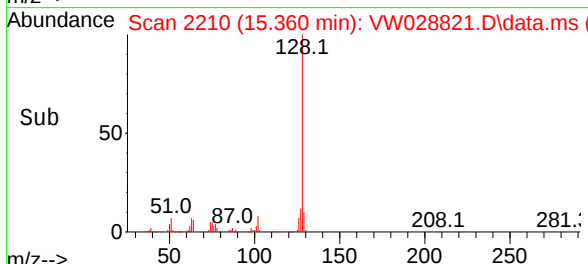
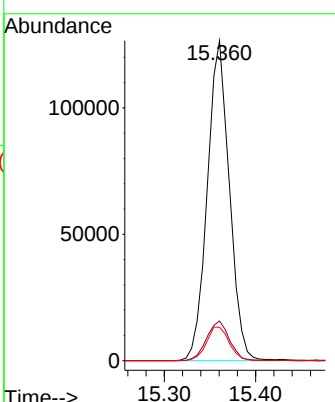
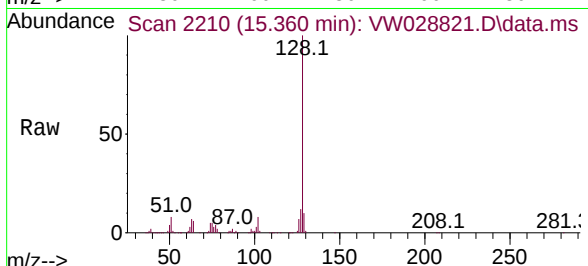


#71
Naphthalene
Concen: 22.541 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW028821.D
Acq: 28 May 2024 10:39

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 212334

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	10.9	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 25.150 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW028821.D
Acq: 28 May 2024 10:39

Tgt Ion:180 Resp: 100335

Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.1	114.1
145	33.7	28.3	42.5

