

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052324\
 Data File : VW028723.D
 Acq On : 23 May 2024 21:31
 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 24 00:23:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 24 00:17:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	328475	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	301881	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	150402	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	88465	14.183	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.720%
7) Chloroethane-d5	2.899	69	80859	16.930	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.720%
11) 1,1-Dichloroethene-d2	4.021	65	41198	15.809	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.240%
21) 2-Butanone-d5	7.075	46	67571	41.523	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.040%
24) Chloroform-d	7.648	84	229934	22.402	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	8.307	65	122390	20.828	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.320%
32) Benzene-d6	8.276	84	420576	20.881	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.520%
36) 1,2-Dichloropropane-d6	9.270	67	134310	22.161	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.640%
41) Toluene-d8	10.325	98	366854	20.567	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.280%
43) trans-1,3-Dichloroprop...	10.575	79	49146	20.157	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.640%
47) 2-Hexanone-d5	10.922	63	44301	42.380	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.760%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	115996	22.824	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	125971	21.975	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.920%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.021	85	92843	19.450	ug/L	95
3) Chloromethane	2.223	50	125821	21.277	ug/L	96
5) Vinyl chloride	2.375	62	141981	21.326	ug/L	100
6) Bromomethane	2.789	94	85626	22.233	ug/L	98
8) Chloroethane	2.936	64	87462	23.035	ug/L	95
9) Trichlorofluoromethane	3.271	101	107399	19.649	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	115737	22.966	ug/L	97
12) 1,1-Dichloroethene	4.045	96	106504	23.559	ug/L	93
13) Acetone	4.125	43	41577	28.085	ug/L	97
14) Carbon disulfide	4.393	76	324901	21.265	ug/L	100
15) Methyl Acetate	4.667	43	59230	22.996	ug/L	97
16) Methylene chloride	4.923	84	128137	25.223	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	118039	25.080	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	180376	25.970	ug/L	98
19) 1,1-Dichloroethane	6.222	63	246601	26.423	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	133401	27.083	ug/L	93
22) 2-Butanone	7.173	43	67346	35.442	ug/L	97
23) Bromochloromethane	7.514	128	58242	27.107	ug/L	95
25) Chloroform	7.679	83	241608	26.765	ug/L	96

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 Response via : Initial Calibration

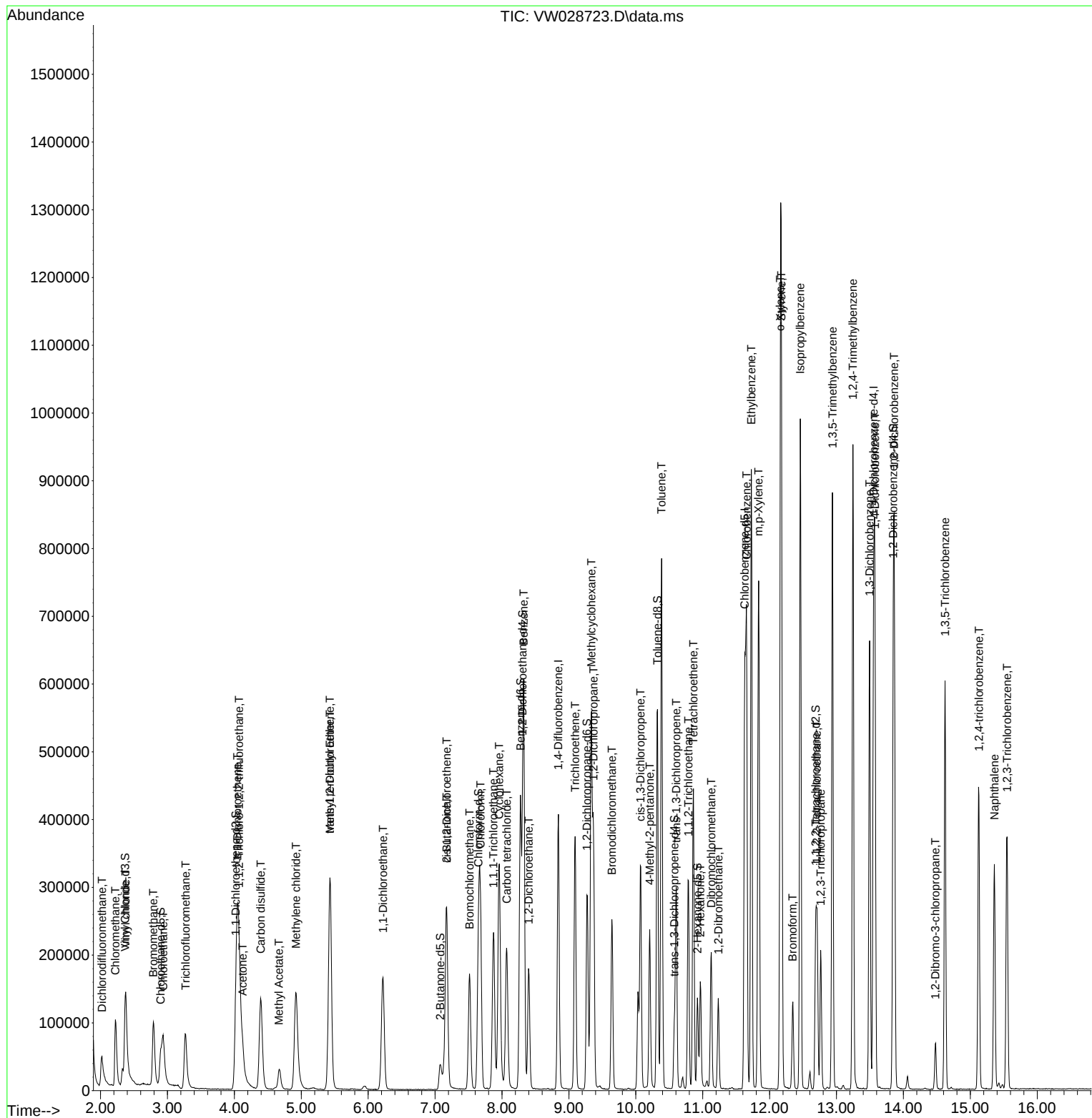
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	162337	24.739	ug/L	99
29) Cyclohexane	7.959	56	192693	22.387	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	186712	24.682	ug/L	98
31) Carbon tetrachloride	8.069	117	162103	23.502	ug/L	97
33) Benzene	8.325	78	521911	26.661	ug/L	100
34) Trichloroethene	9.093	95	133438	25.424	ug/L	93
35) Methylcyclohexane	9.337	83	210201	22.917	ug/L	99
37) 1,2-Dichloropropane	9.368	63	138196	27.092	ug/L	99
38) Bromodichloromethane	9.642	83	169473	27.255	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	192881	26.382	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	156531	45.088	ug/L	99
42) Toluene	10.386	91	549543	27.180	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	160165	25.982	ug/L	94
45) 1,1,2-Trichloroethane	10.788	97	96755	26.184	ug/L	96
46) Tetrachloroethene	10.861	164	94617	25.022	ug/L	96
48) 2-Hexanone	10.965	43	104006	42.435	ug/L	99
49) Dibromochloromethane	11.129	129	104061	28.076	ug/L	99
50) 1,2-Dibromoethane	11.233	107	86600	25.019	ug/L	95
51) Chlorobenzene	11.654	112	342186	27.360	ug/L	97
52) Ethylbenzene	11.727	91	615178	26.886	ug/L	94
53) m,p-Xylene	11.837	106	231082	27.552	ug/L	98
54) o-Xylene	12.160	106	223297	28.778	ug/L	91
55) Styrene	12.178	104	387015	29.436	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	115349	24.881	ug/L	96
59) Bromoform	12.343	173	56833	25.901	ug/L	99
60) Isopropylbenzene	12.458	105	618655	27.112	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	83245	22.902	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	451417	27.961	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	490022	28.170	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	259296	27.316	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	263044	27.105	ug/L	93
67) 1,2-Dichlorobenzene	13.861	146	234201	27.566	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	17672	20.794	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	174873	27.454	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	138660	26.941	ug/L	98
71) Naphthalene	15.360	128	274771	25.058	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	121943	26.257	ug/L	97

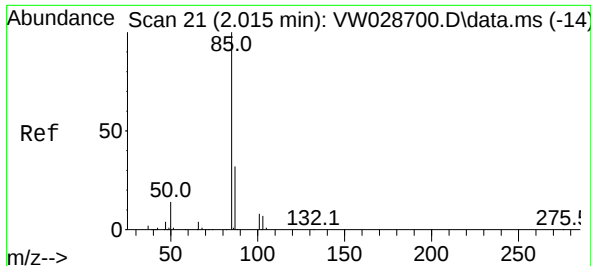
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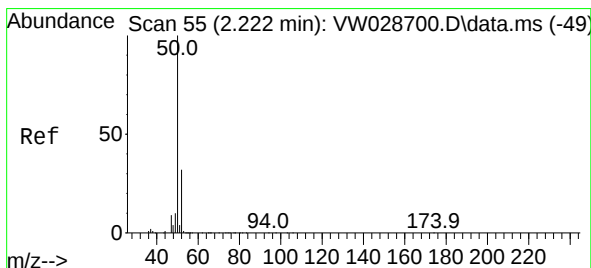
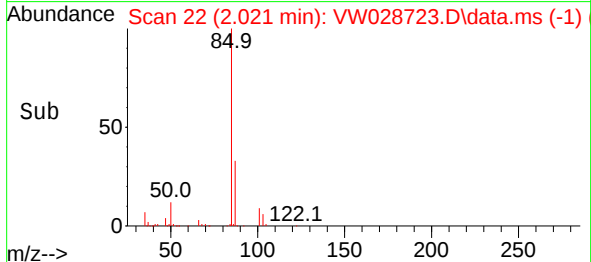
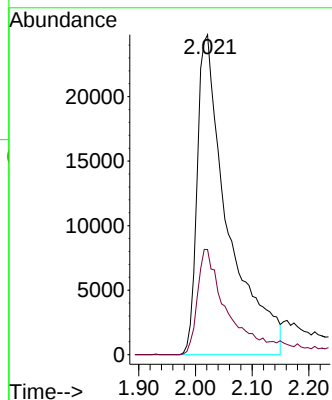
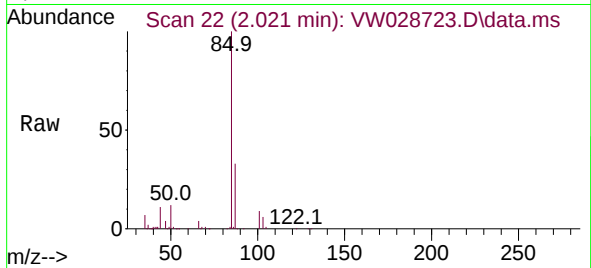




#2
Dichlorodifluoromethane
Concen: 19.450 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW028723.D
Acq: 23 May 2024 21:31

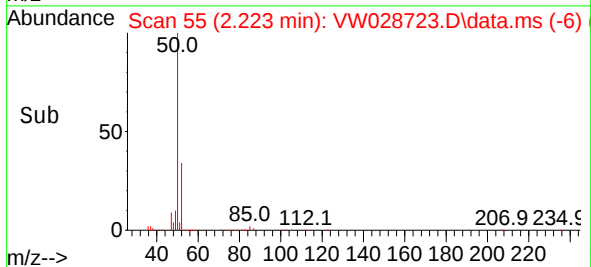
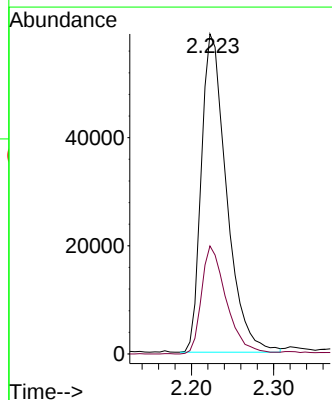
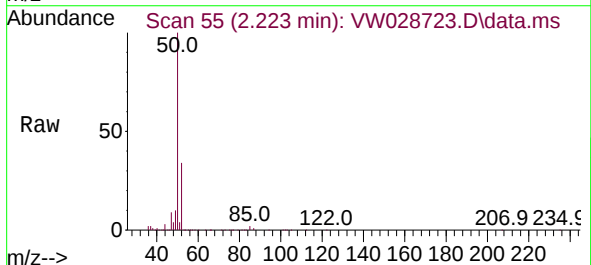
Instrument :
MSVOA_W
ClientSampleId :

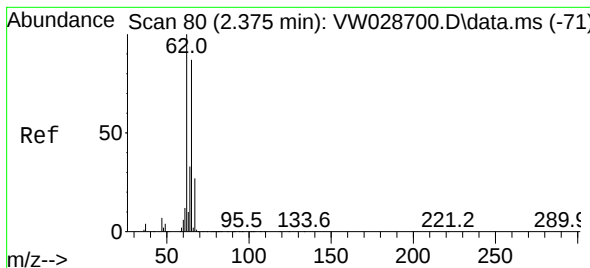
Tgt Ion: 85 Resp: 92843
Ion Ratio Lower Upper
85 100
87 30.2 21.9 32.9



#3
Chloromethane
Concen: 21.277 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW028723.D
Acq: 23 May 2024 21:31

Tgt Ion: 50 Resp: 125821
Ion Ratio Lower Upper
50 100
52 33.7 22.0 41.0





#5

Vinyl chloride

Concen: 21.326 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

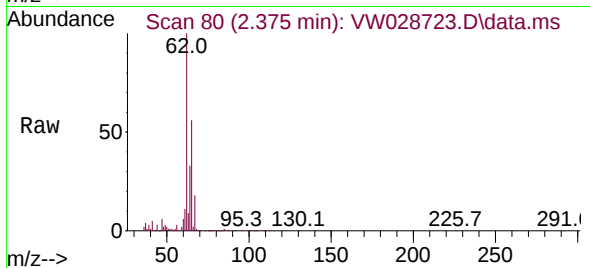
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Acq: 23 May 2024 21:31

Instrument :

MSVOA_W

ClientSampleId :

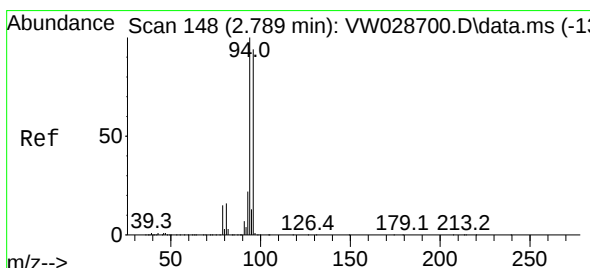
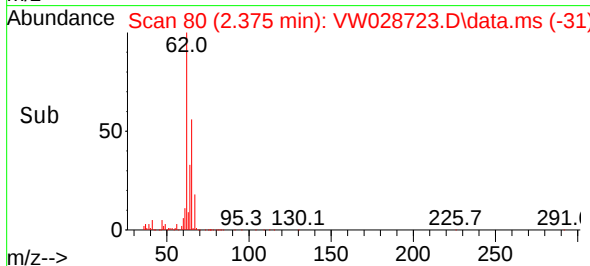
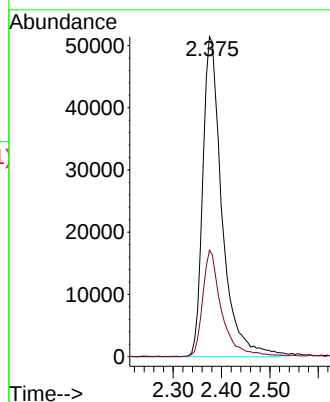


Tgt Ion: 62 Resp: 141981

Ion Ratio Lower Upper

62 100

64 33.3 23.3 43.3



#6

Bromomethane

Concen: 22.233 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW028723.D

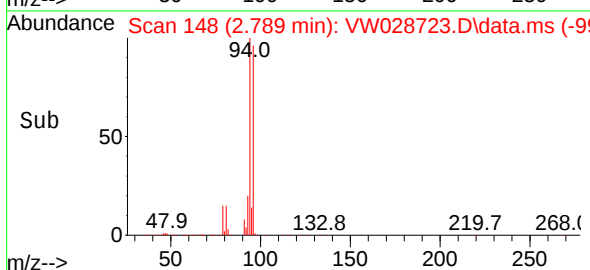
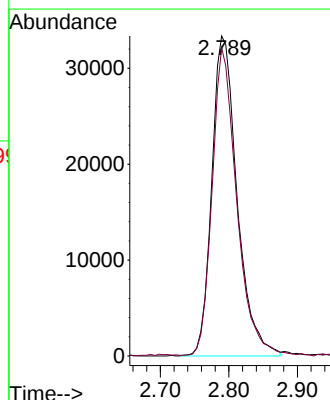
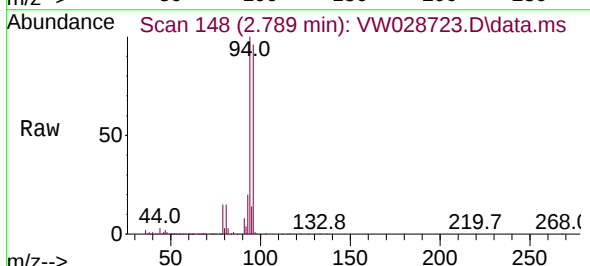
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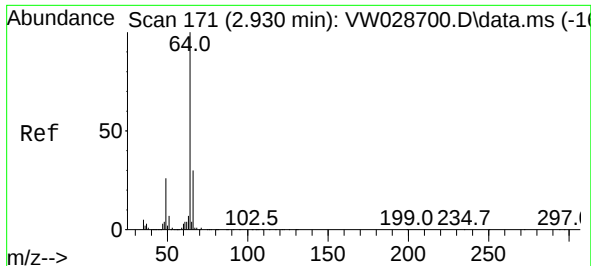
Tgt Ion: 94 Resp: 85626

Ion Ratio Lower Upper

94 100

96 96.3 66.3 123.1

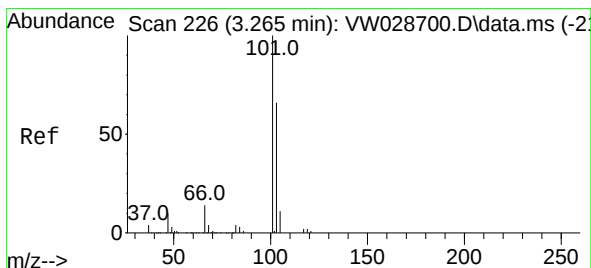
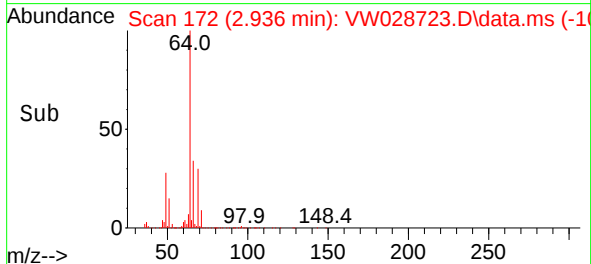
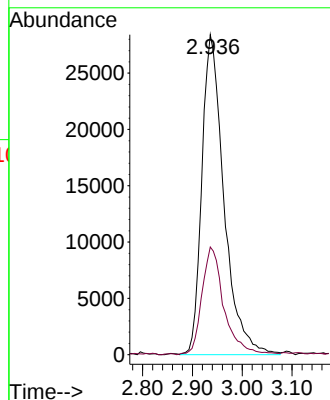
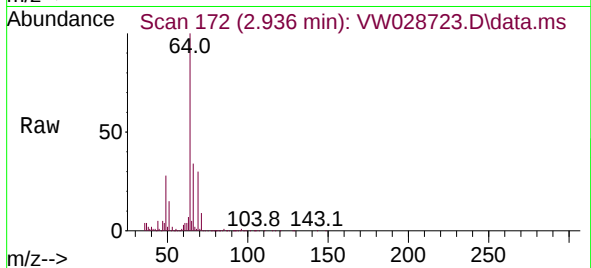




#8
Chloroethane
Concen: 23.035 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW028723.D
Acq: 23 May 2024 21:31

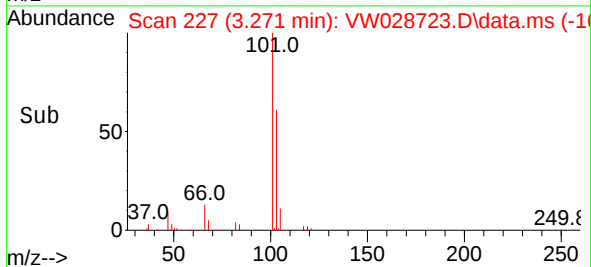
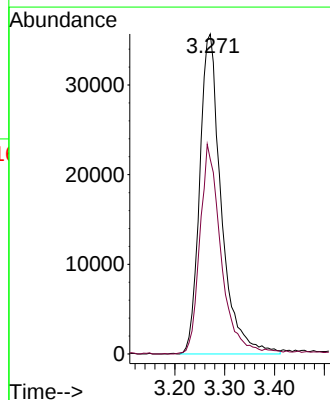
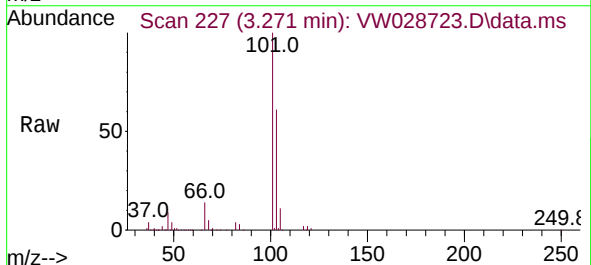
Instrument :
MSVOA_W
ClientSampleId :

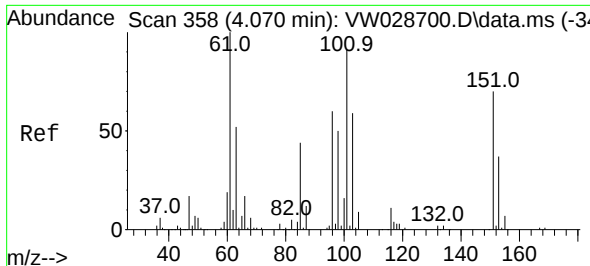
Tgt Ion: 64 Resp: 87462
Ion Ratio Lower Upper
64 100
66 33.7 21.7 40.3



#9
Trichlorofluoromethane
Concen: 19.649 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW028723.D
Acq: 23 May 2024 21:31

Tgt Ion:101 Resp: 107399
Ion Ratio Lower Upper
101 100
103 63.6 50.4 75.6





#10

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

Concen: 22.966 ug/L

RT: 4.070 min Scan# 358

Delta R.T. 0.000 min

Lab File: VW028723.D

Acq: 23 May 2024 21:31

Instrument :

MSVOA_W

ClientSampleId :

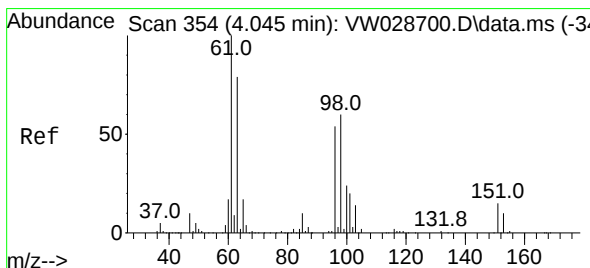
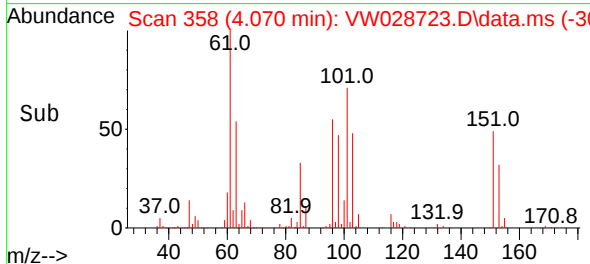
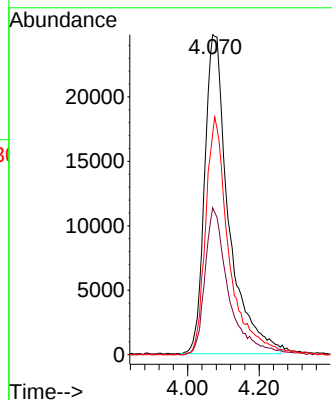
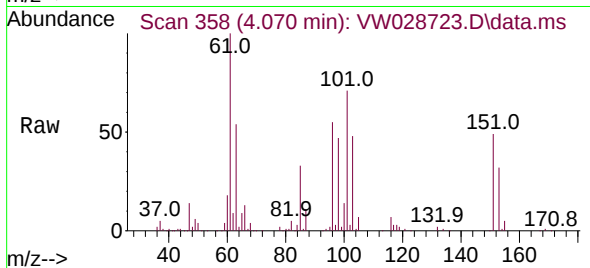
Tgt Ion:101 Resp: 115737

Ion Ratio Lower Upper

101 100

85 44.7 35.8 53.8

151 66.0 49.6 74.4



#12

1,1-Dichloroethene

Concen: 23.559 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW028723.D

Acq: 23 May 2024 21:31

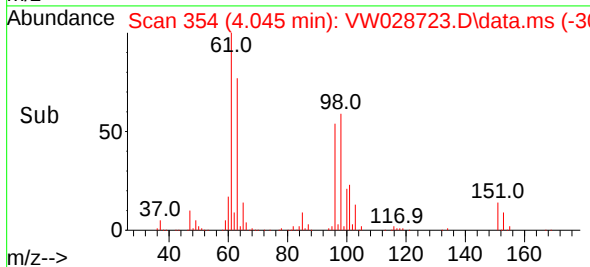
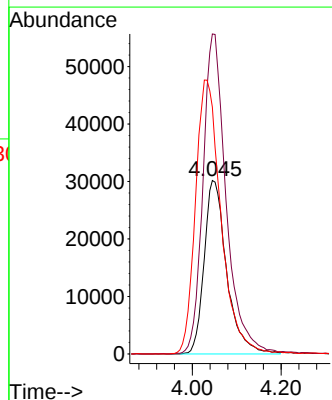
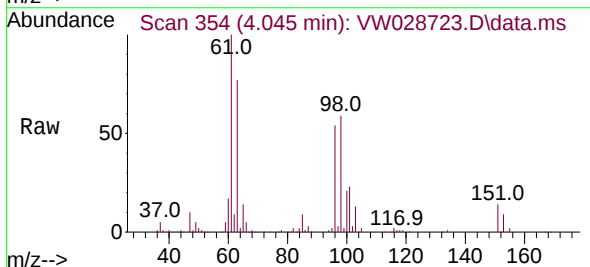
Tgt Ion: 96 Resp: 106504

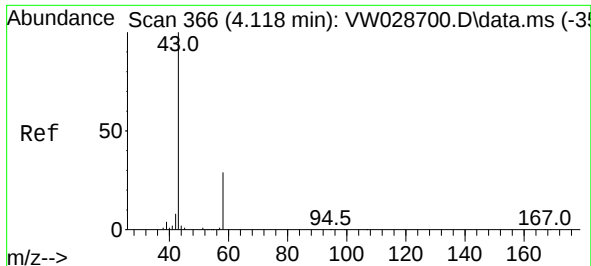
Ion Ratio Lower Upper

96 100

61 184.5 131.6 244.4

63 142.3 111.4 206.8

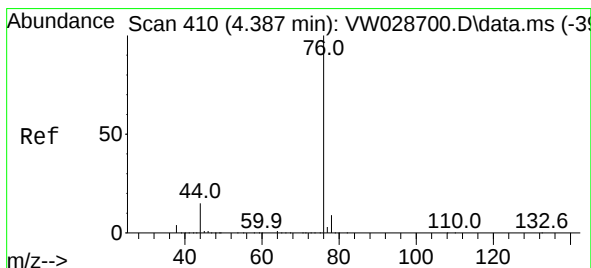
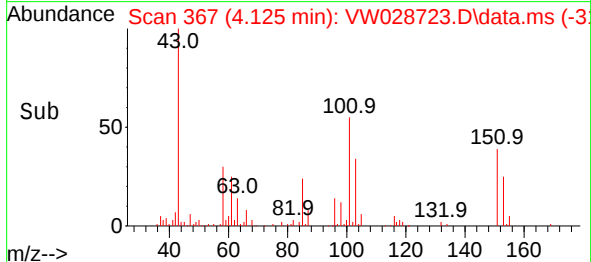
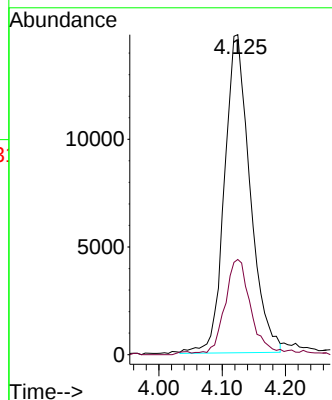
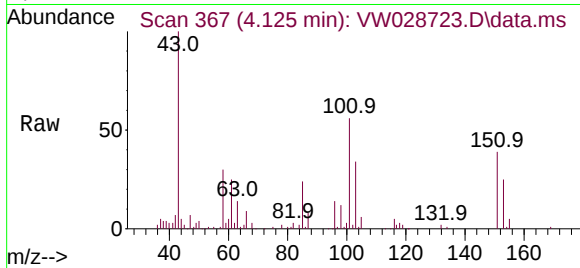




#13
Acetone
Concen: 28.085 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW028723.D
Acq: 23 May 2024 21:31

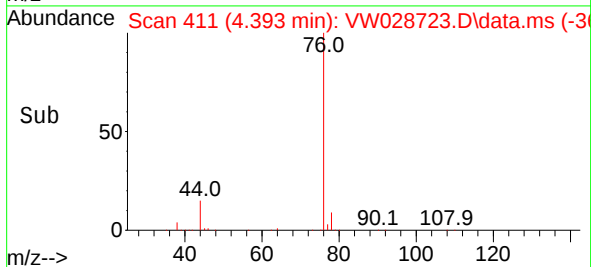
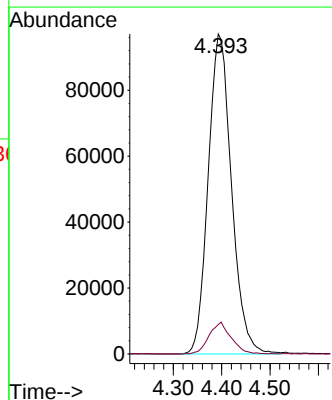
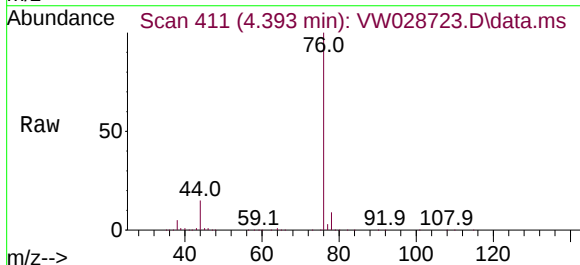
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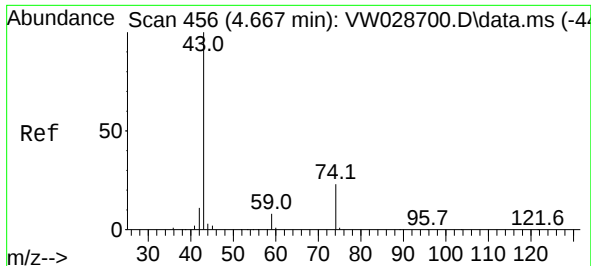
Tgt Ion: 43 Resp: 41577
Ion Ratio Lower Upper
43 100
58 28.9 0.0 54.4



#14
Carbon disulfide
Concen: 21.265 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 324901
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 22.996 ug/L

RT: 4.667 min Scan# 4

Delta R.T. 0.000 min

Lab File: VW028723.D

Acq: 23 May 2024 21:31

Instrument :

MSVOA_W

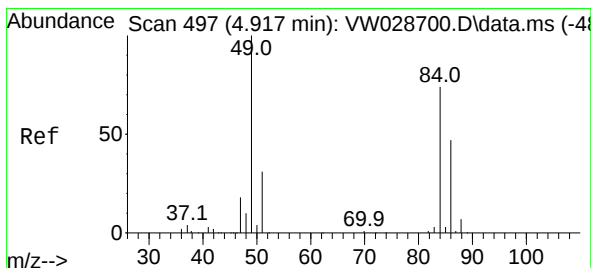
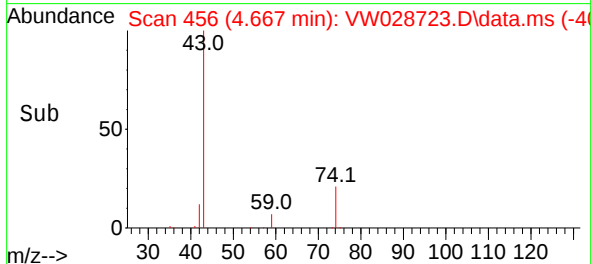
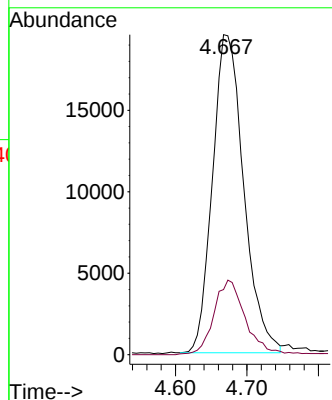
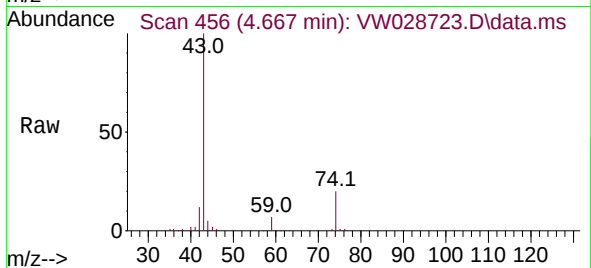
ClientSampleId :

Tgt Ion: 43 Resp: 59230

Ion Ratio Lower Upper

43 100

74 23.4 17.6 26.4



#16

Methylene chloride

Concen: 25.223 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.006 min

Lab File: VW028723.D

Acq: 23 May 2024 21:31

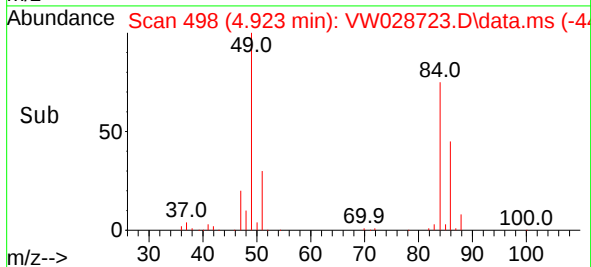
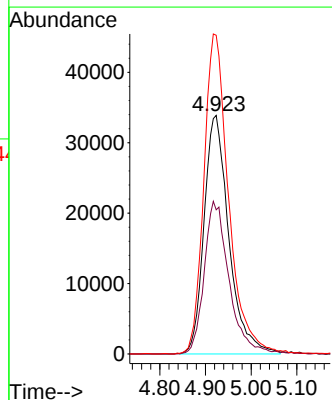
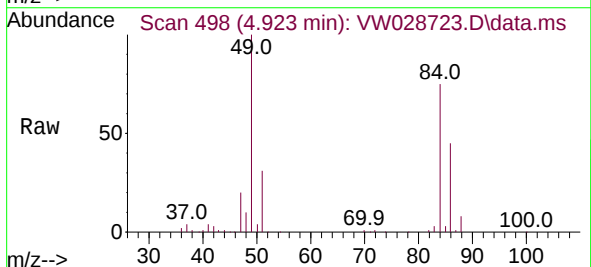
Tgt Ion: 84 Resp: 128137

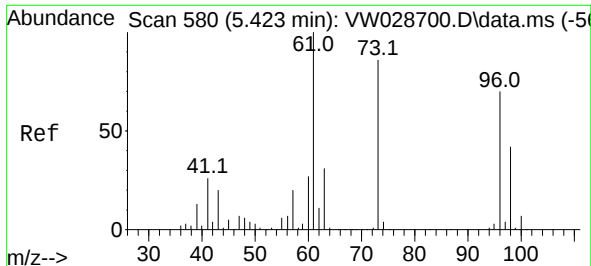
Ion Ratio Lower Upper

84 100

86 60.5 44.4 82.4

49 133.7 100.2 186.2





#17

trans-1,2-Dichloroethene

Concen: 25.080 ug/L

RT: 5.429 min Scan# 580

Delta R.T. 0.006 min

Lab File: VW028723.D

Acq: 23 May 2024 21:31

Instrument :

MSVOA_W

ClientSampleId :

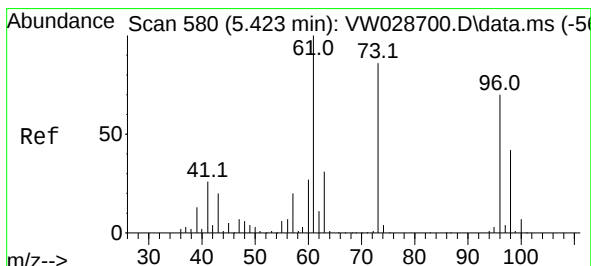
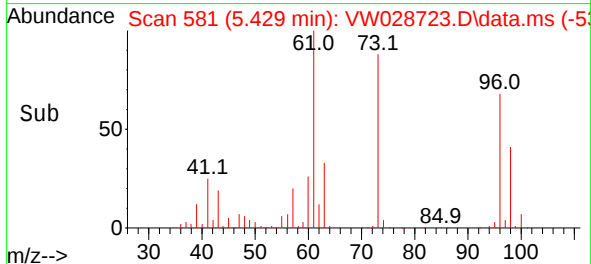
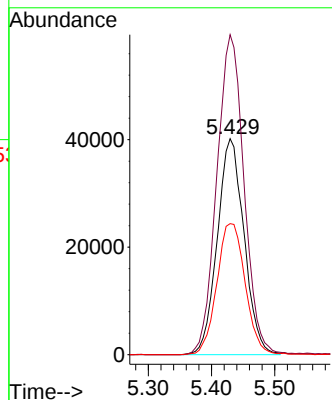
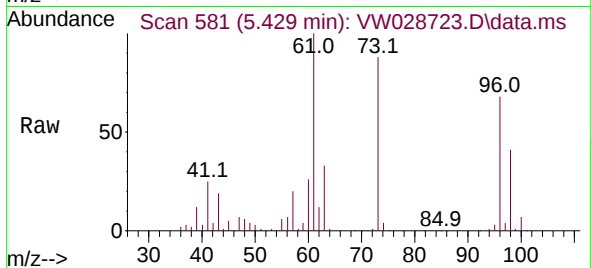
Tgt Ion: 96 Resp: 118039

Ion Ratio Lower Upper

96 100

61 148.1 109.0 202.4

98 60.6 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 25.970 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW028723.D

Acq: 23 May 2024 21:31

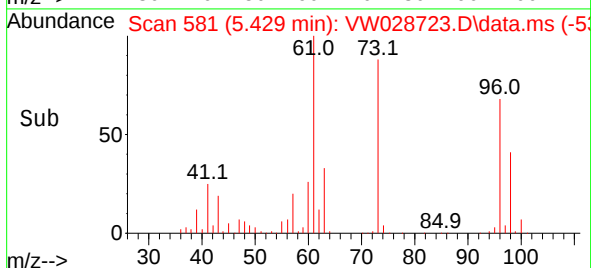
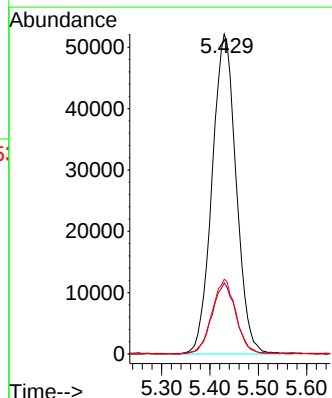
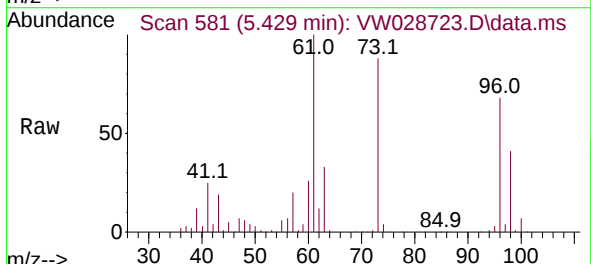
Tgt Ion: 73 Resp: 180376

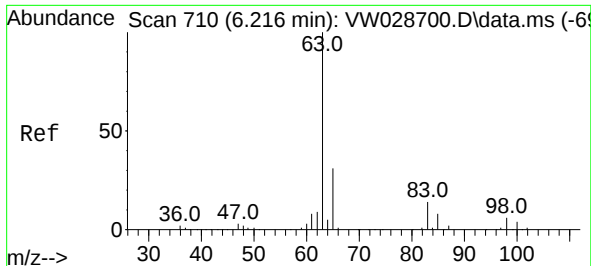
Ion Ratio Lower Upper

73 100

43 22.5 19.2 28.8

57 23.1 18.5 27.7





#19

1,1-Dichloroethane

Concen: 26.423 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW028723.D

Acq: 23 May 2024 21:31

Instrument :

MSVOA_W

ClientSampleId :

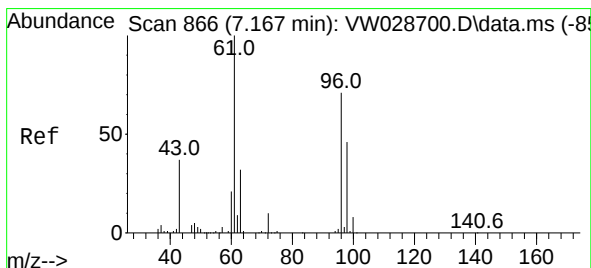
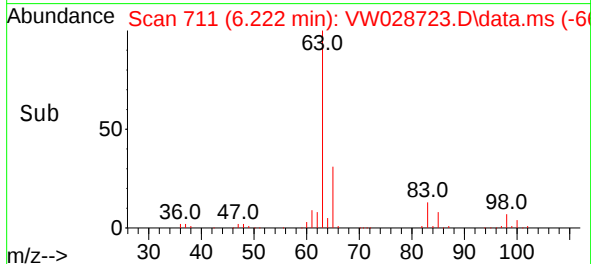
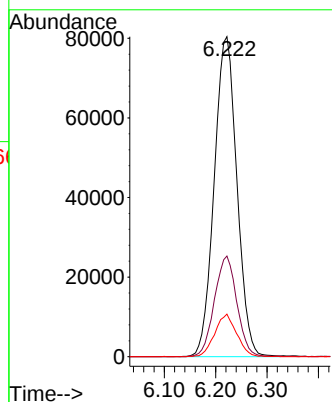
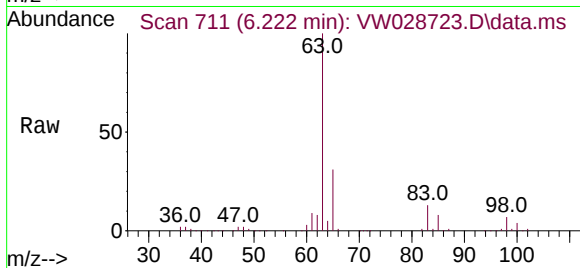
Tgt Ion: 63 Resp: 246601

Ion Ratio Lower Upper

63 100

65 31.4 22.9 42.5

83 13.3 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 27.083 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028723.D

Acq: 23 May 2024 21:31

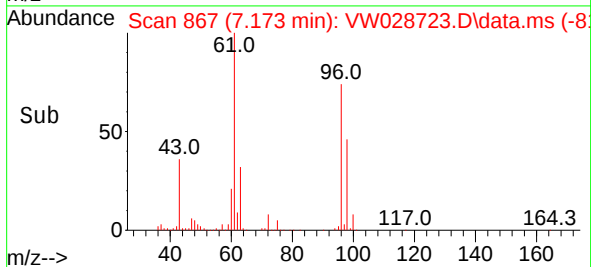
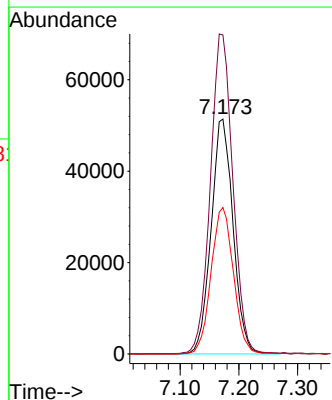
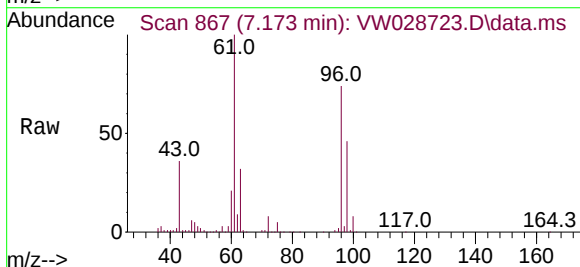
Tgt Ion: 96 Resp: 133401

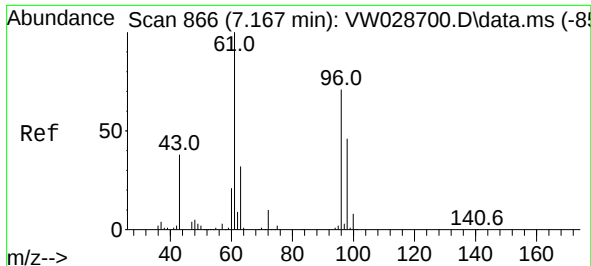
Ion Ratio Lower Upper

96 100

61 135.9 102.8 191.0

98 62.3 44.3 82.3





#22

2-Butanone

Concen: 35.442 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028723.D

Acq: 23 May 2024 21:31

Instrument :

MSVOA_W

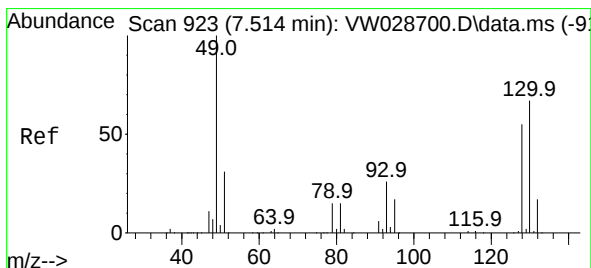
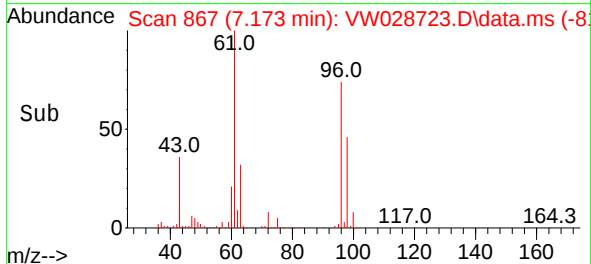
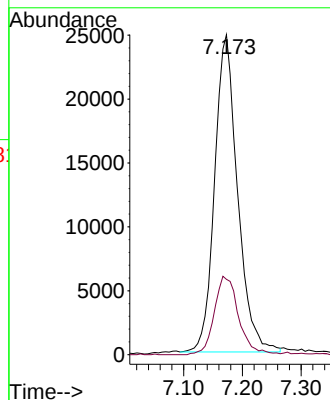
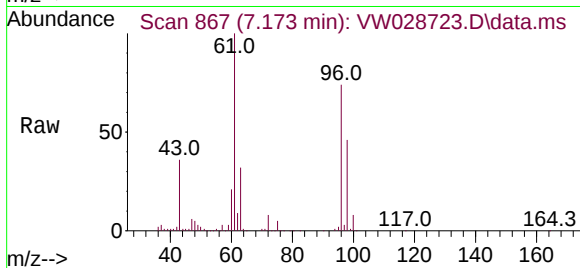
ClientSampleId :

Tgt Ion: 43 Resp: 67346

Ion Ratio Lower Upper

43 100

72 26.1 12.2 36.6



#23

Bromochloromethane

Concen: 27.107 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW028723.D

Acq: 23 May 2024 21:31

Tgt Ion: 128 Resp: 58242

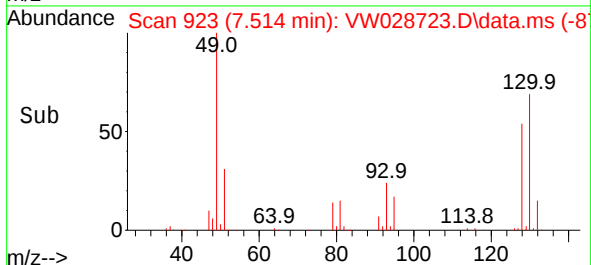
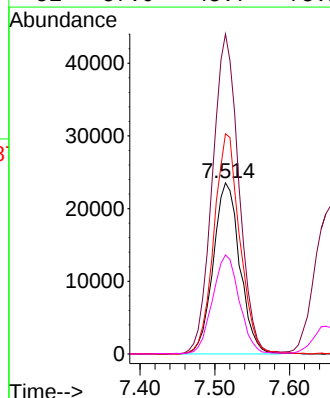
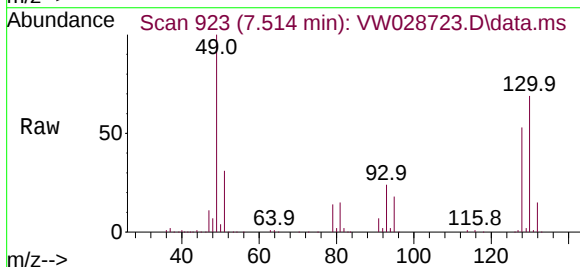
Ion Ratio Lower Upper

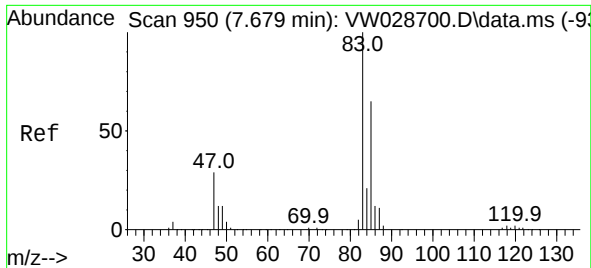
128 100

49 187.0 139.6 259.2

130 128.7 91.2 169.4

51 57.9 48.7 73.1





#25

Chloroform

Concen: 26.765 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW028723.D

Acq: 23 May 2024 21:31

Instrument :

MSVOA_W

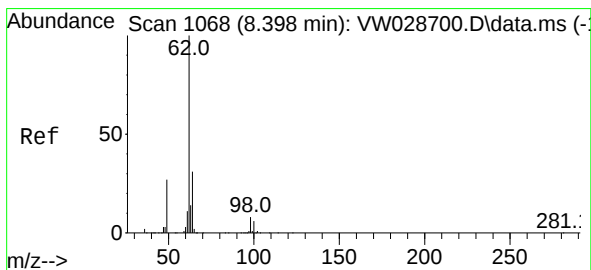
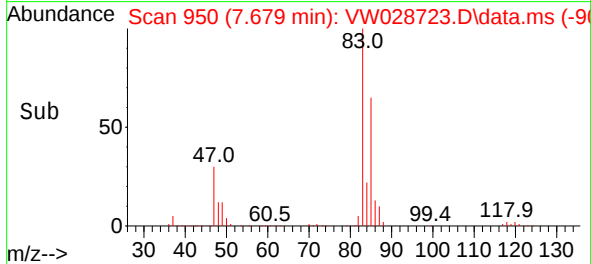
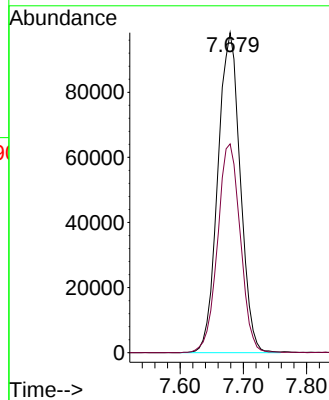
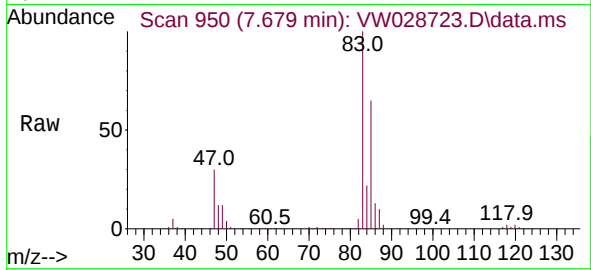
ClientSampleId :

Tgt Ion: 83 Resp: 241608

Ion Ratio Lower Upper

83 100

85 65.2 43.4 80.6



#27

1,2-Dichloroethane

Concen: 24.739 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028723.D

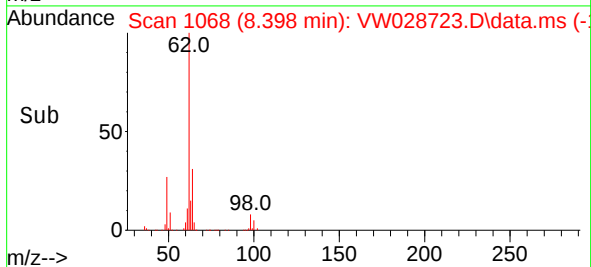
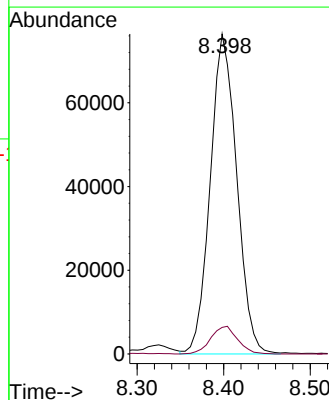
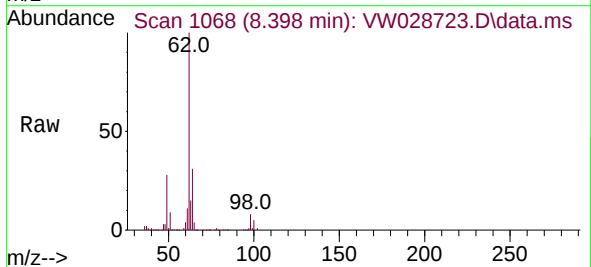
Acq: 23 May 2024 21:31

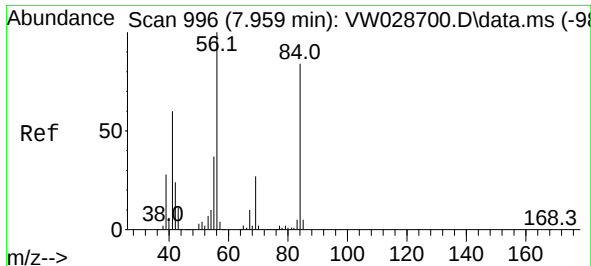
Tgt Ion: 62 Resp: 162337

Ion Ratio Lower Upper

62 100

98 8.3 7.0 10.6





#29

Cyclohexane

Concen: 22.387 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

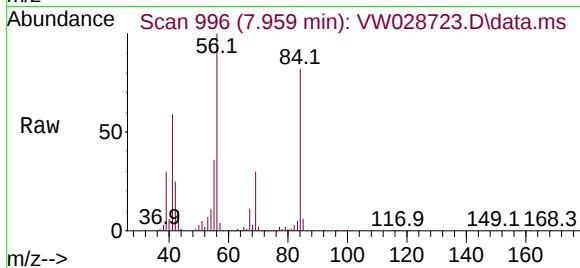
Lab File: VW028723.D

Acq: 23 May 2024 21:31

Instrument :

MSVOA_W

ClientSampleId :



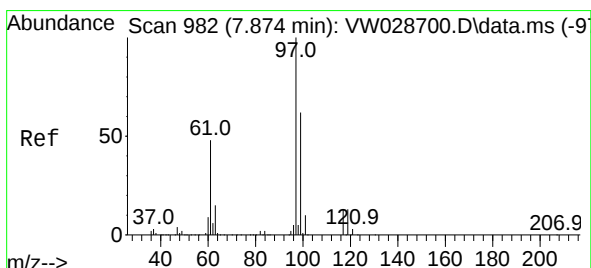
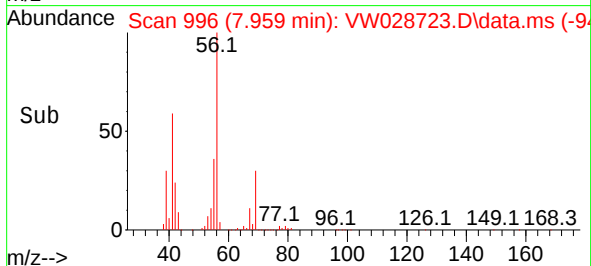
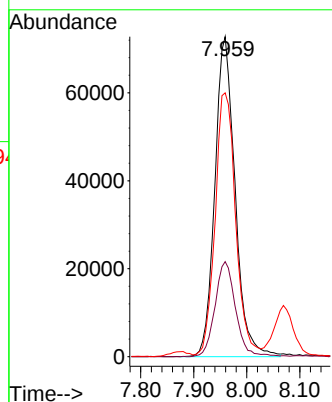
Tgt Ion: 56 Resp: 192693

Ion Ratio Lower Upper

56 100

69 29.7 23.4 35.0

84 83.7 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 24.682 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028723.D

Acq: 23 May 2024 21:31

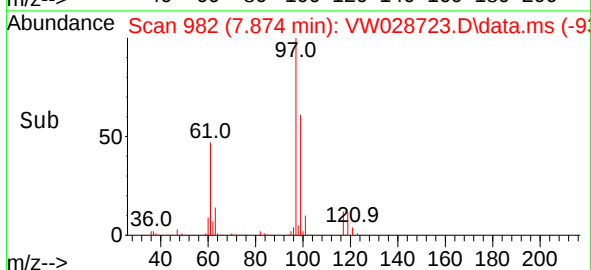
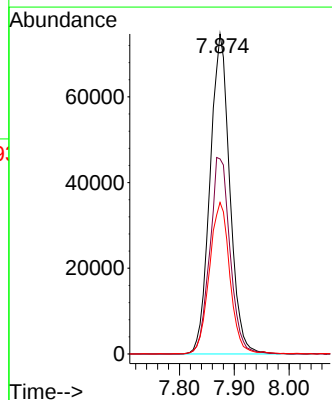
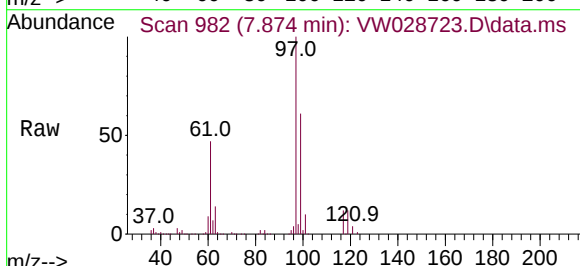
Tgt Ion: 97 Resp: 186712

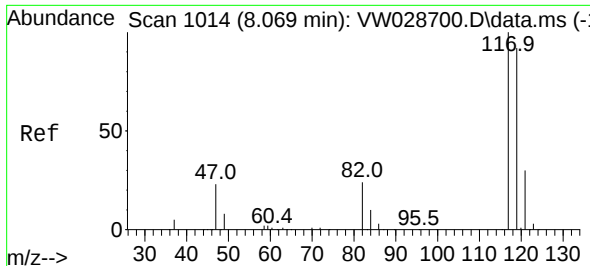
Ion Ratio Lower Upper

97 100

99 63.2 50.9 76.3

61 48.9 41.0 61.6

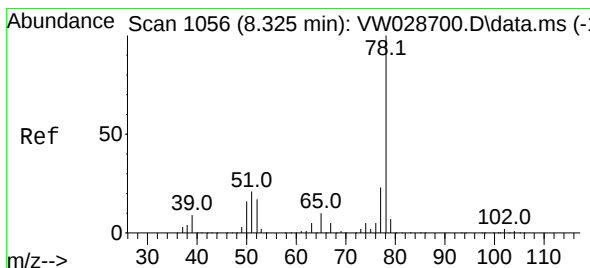
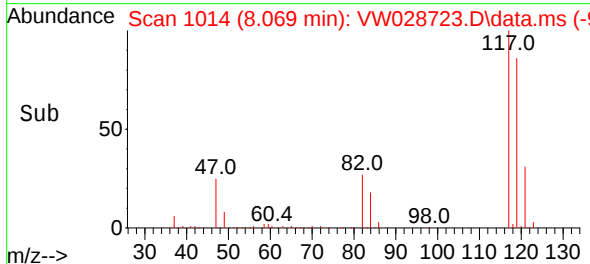
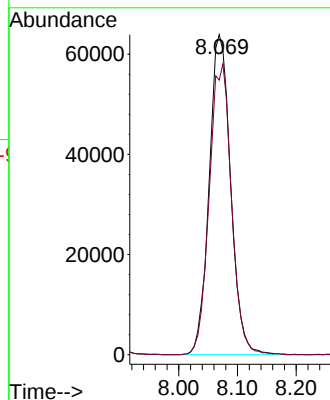
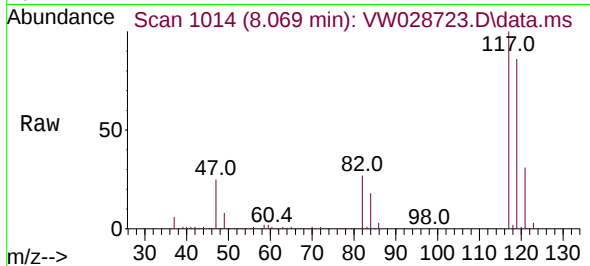




#31
Carbon tetrachloride
Concen: 23.502 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028723.D
Acq: 23 May 2024 21:31

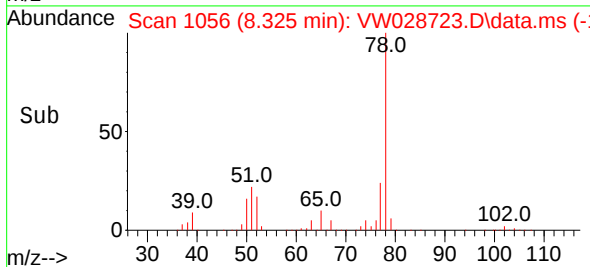
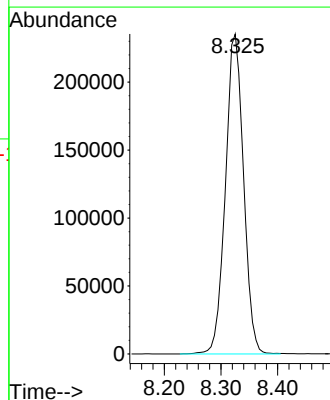
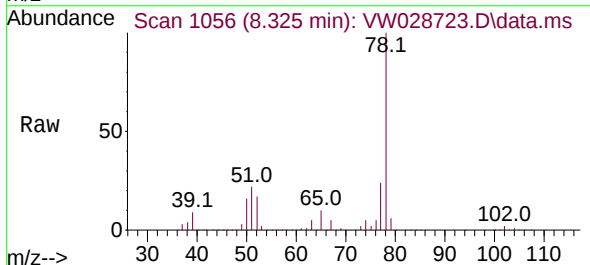
Instrument :
MSVOA_W
ClientSampleId :

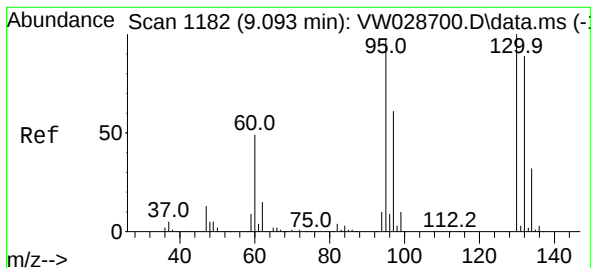
Tgt Ion:117 Resp: 162103
Ion Ratio Lower Upper
117 100
119 93.9 77.2 115.8



#33
Benzene
Concen: 26.661 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW028723.D
Acq: 23 May 2024 21:31

Tgt Ion: 78 Resp: 521911





#34

Trichloroethene

Concen: 25.424 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW028723.D

Acq: 23 May 2024 21:31

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 133438

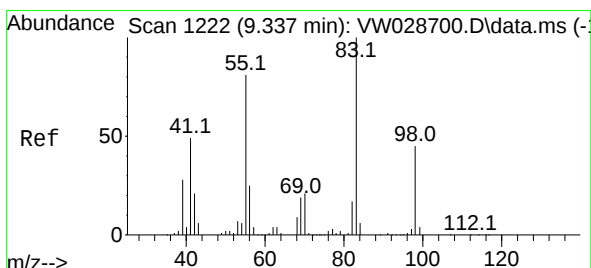
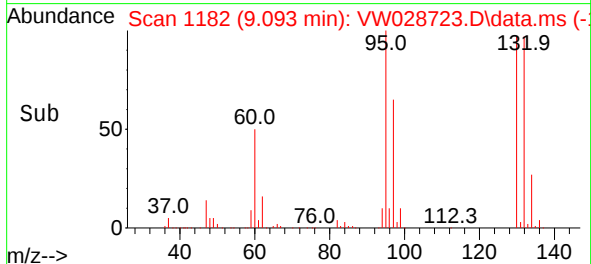
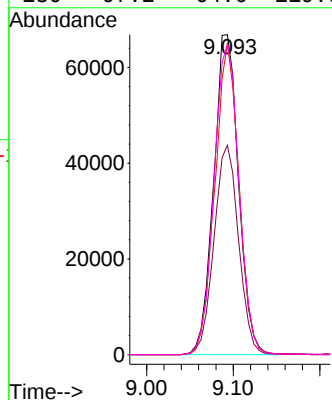
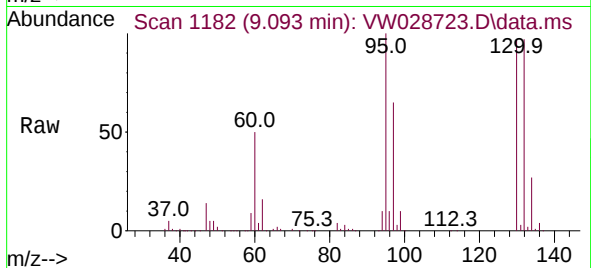
Ion Ratio Lower Upper

95 100

97 65.4 44.9 83.3

132 97.2 59.7 110.9

130 97.2 64.0 119.0



#35

Methylcyclohexane

Concen: 22.917 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW028723.D

Acq: 23 May 2024 21:31

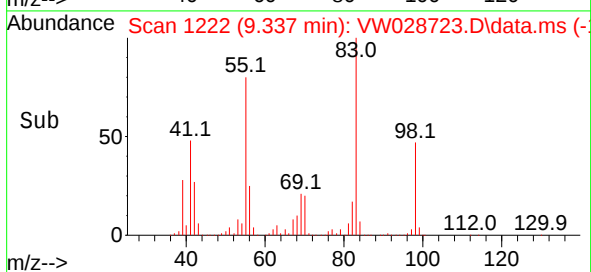
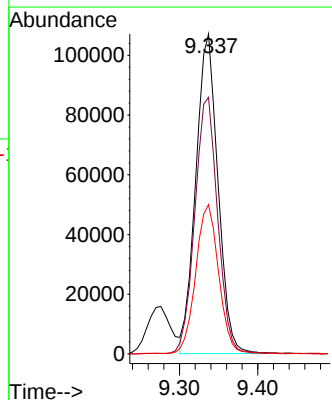
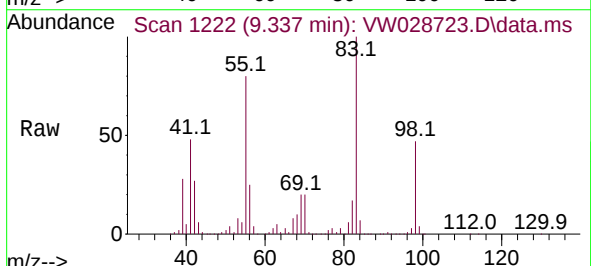
Tgt Ion: 83 Resp: 210201

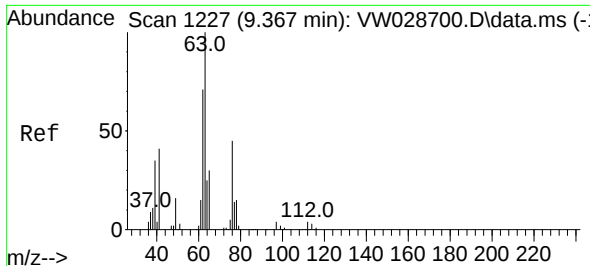
Ion Ratio Lower Upper

83 100

55 83.2 66.9 100.3

98 48.6 37.9 56.9





#37

1,2-Dichloropropane

Concen: 27.092 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW028723.D

Acq: 23 May 2024 21:31

Instrument :

MSVOA_W

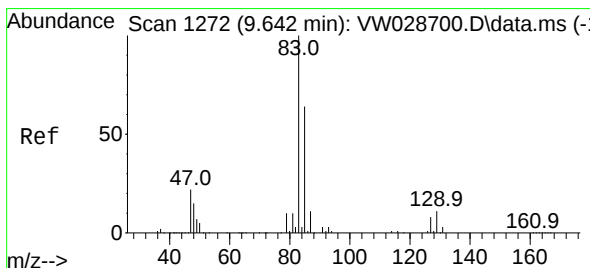
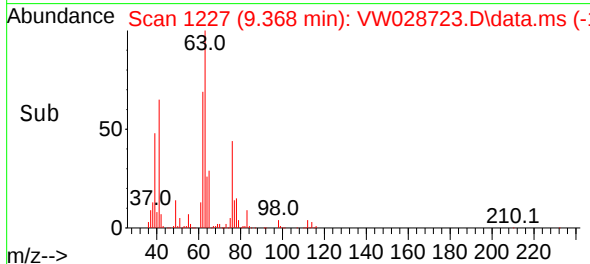
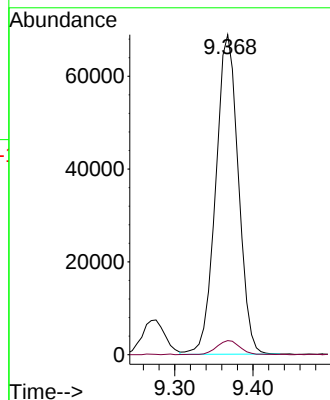
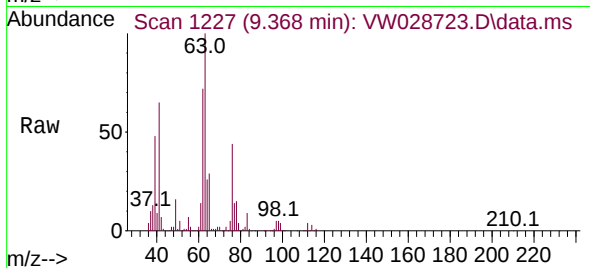
ClientSampleId :

Tgt Ion: 63 Resp: 138196

Ion Ratio Lower Upper

63 100

112 4.6 3.5 5.3



#38

Bromodichloromethane

Concen: 27.255 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028723.D

Acq: 23 May 2024 21:31

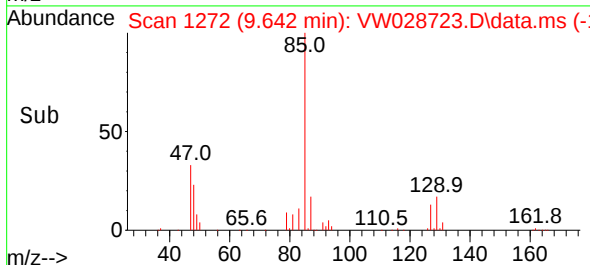
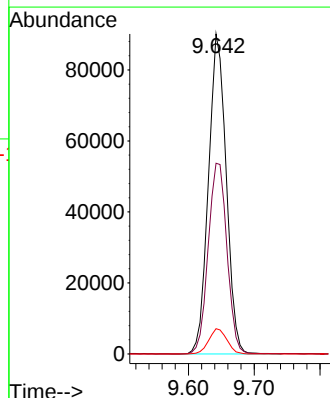
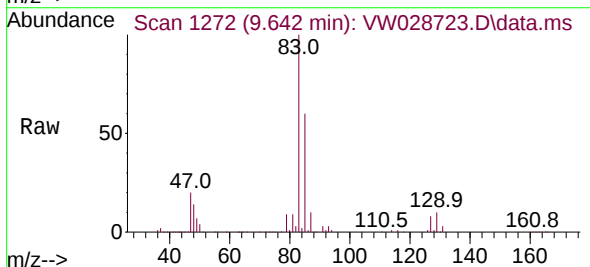
Tgt Ion: 83 Resp: 169473

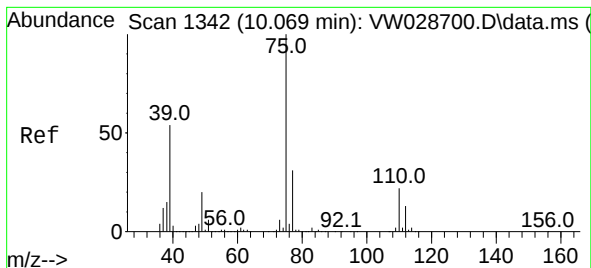
Ion Ratio Lower Upper

83 100

85 59.6 43.0 80.0

127 7.9 5.9 8.9

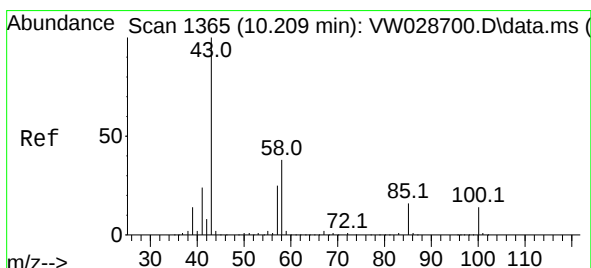
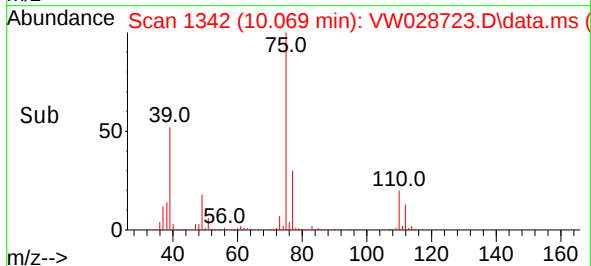
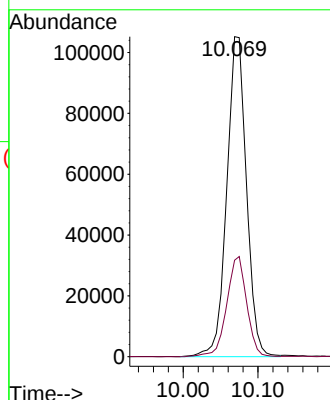
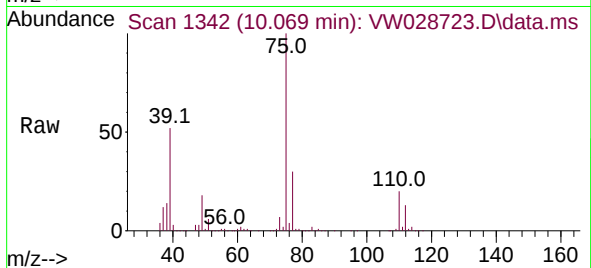




#39
cis-1,3-Dichloropropene
Concen: 26.382 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW028723.D
Acq: 23 May 2024 21:31

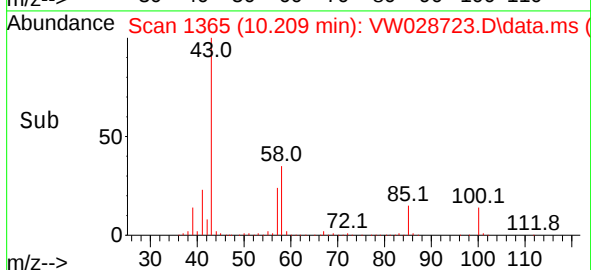
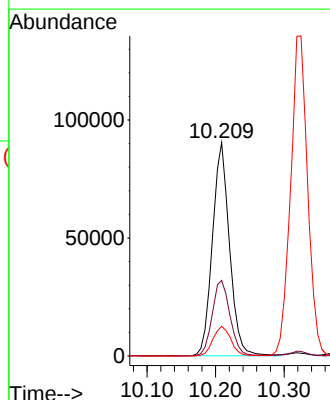
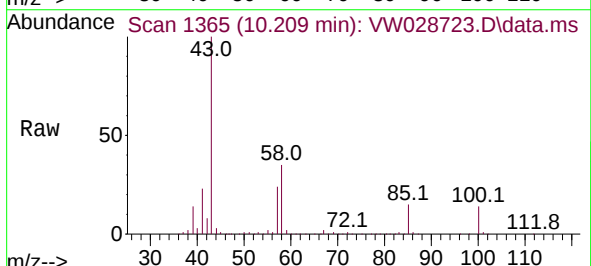
Instrument :
MSVOA_W
ClientSampleId :

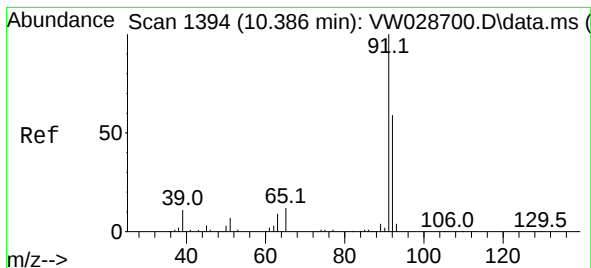
Tgt Ion: 75 Resp: 192881
Ion Ratio Lower Upper
75 100
77 30.2 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 45.088 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW028723.D
Acq: 23 May 2024 21:31

Tgt Ion: 43 Resp: 156531
Ion Ratio Lower Upper
43 100
58 37.0 29.2 43.8
100 14.5 11.0 16.4





#42

Toluene

Concen: 27.180 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028723.D

Acq: 23 May 2024 21:31

Instrument :

MSVOA_W

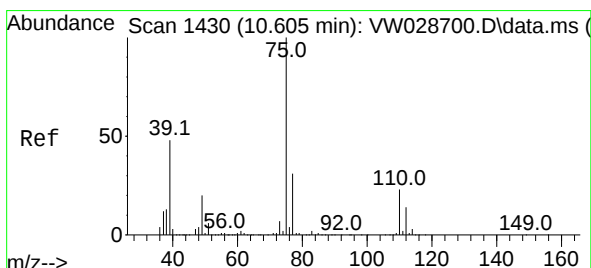
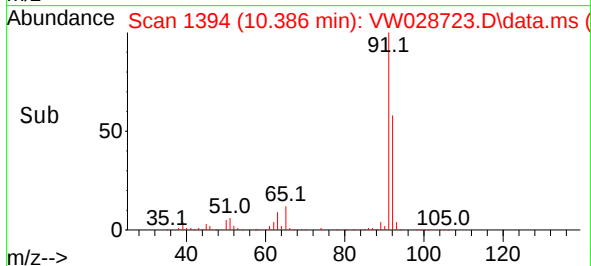
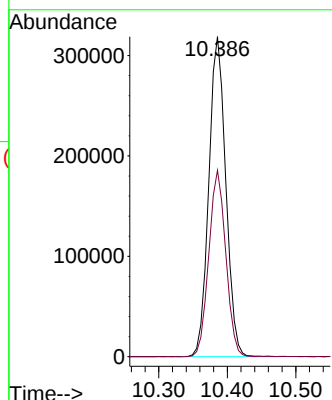
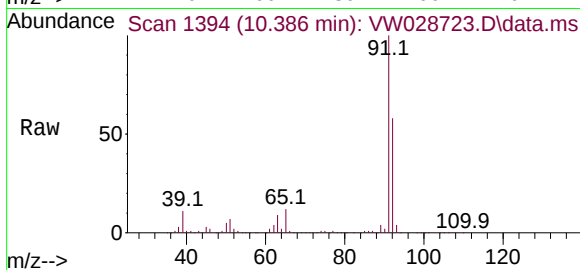
ClientSampleId :

Tgt Ion: 91 Resp: 549543

Ion Ratio Lower Upper

91 100

92 58.3 42.5 78.9



#44

trans-1,3-Dichloropropene

Concen: 25.982 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW028723.D

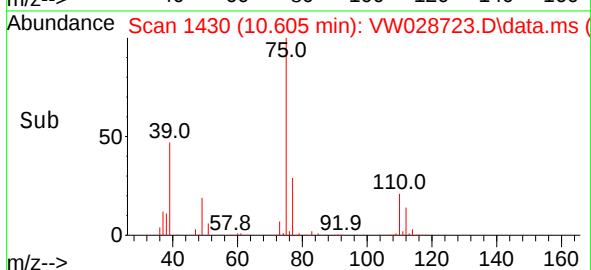
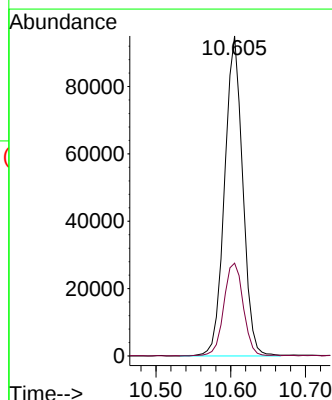
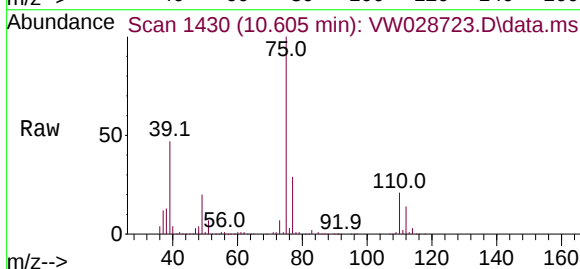
Acq: 23 May 2024 21:31

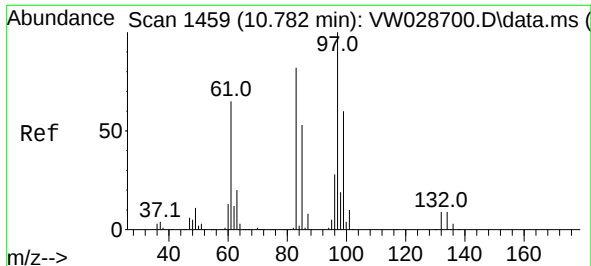
Tgt Ion: 75 Resp: 160165

Ion Ratio Lower Upper

75 100

77 29.0 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 26.184 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW028723.D

Acq: 23 May 2024 21:31

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 96755

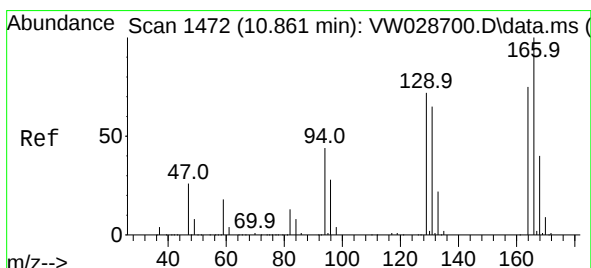
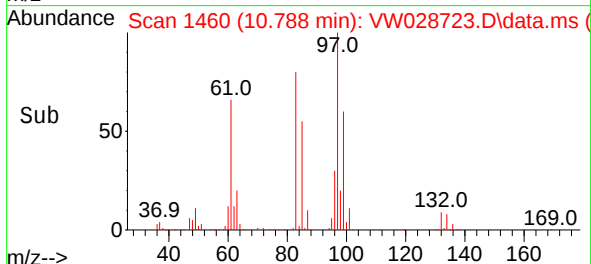
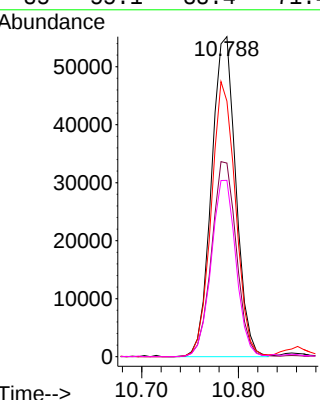
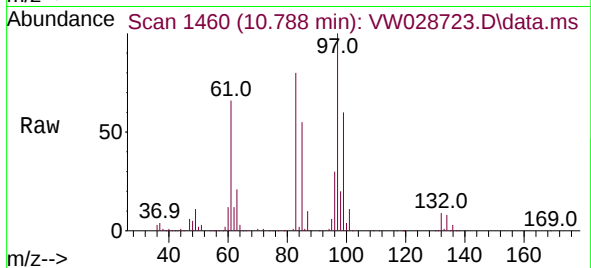
Ion Ratio Lower Upper

97 100

99 60.5 41.9 77.9

83 79.9 62.1 115.3

85 55.1 38.4 71.4



#46

Tetrachloroethene

Concen: 25.022 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028723.D

Acq: 23 May 2024 21:31

Tgt Ion:164 Resp: 94617

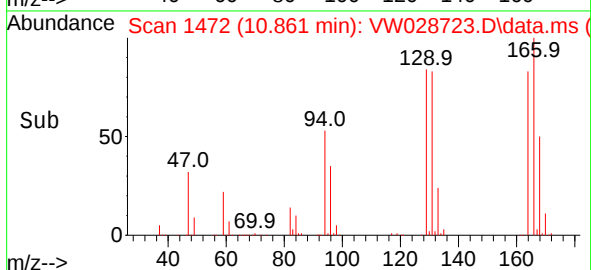
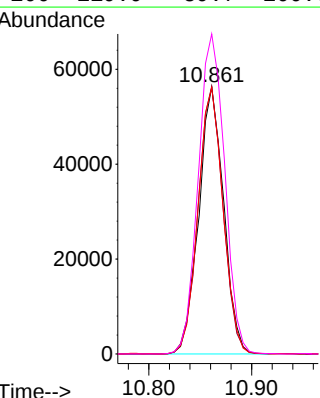
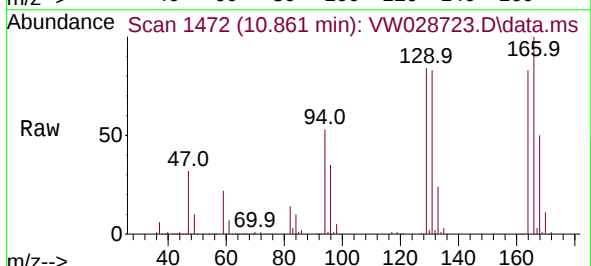
Ion Ratio Lower Upper

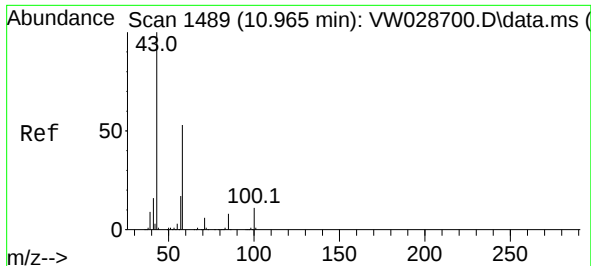
164 100

129 100.3 69.2 128.6

131 99.8 67.7 125.7

166 119.9 89.7 166.7





#48

2-Hexanone

Concen: 42.435 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

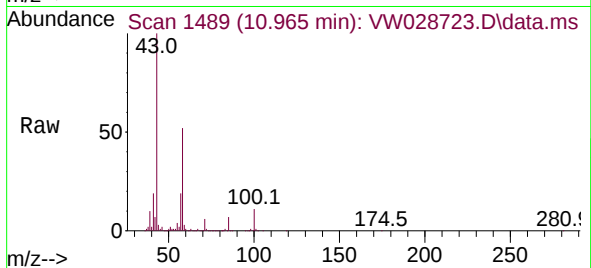
Lab File: VW028723.D

Acq: 23 May 2024 21:31

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 104006

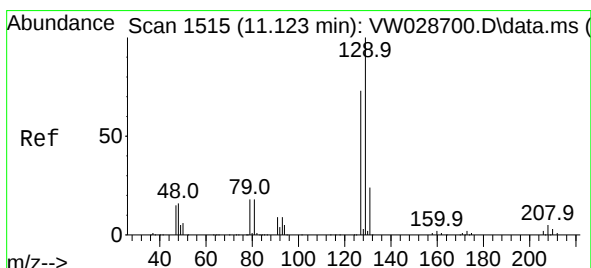
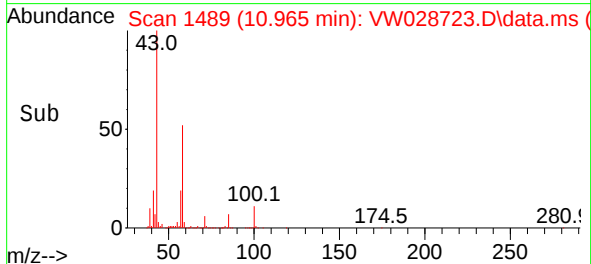
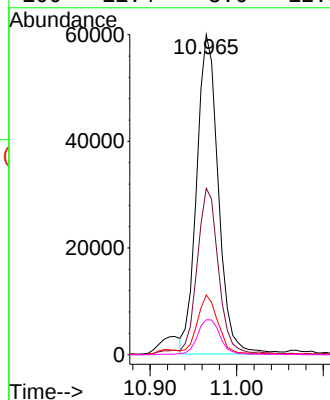
Ion Ratio Lower Upper

43 100

58 51.0 41.0 61.4

57 17.5 14.8 22.2

100 11.4 8.6 12.8



#49

Dibromochloromethane

Concen: 28.076 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW028723.D

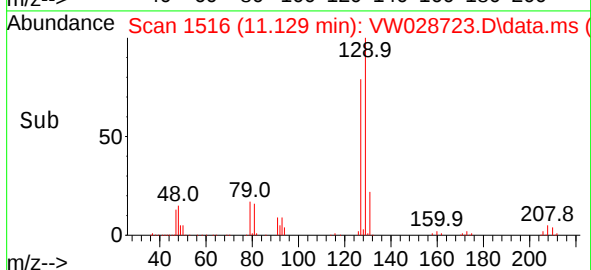
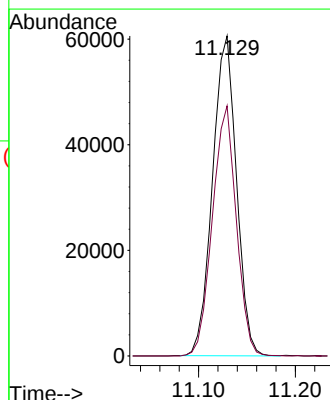
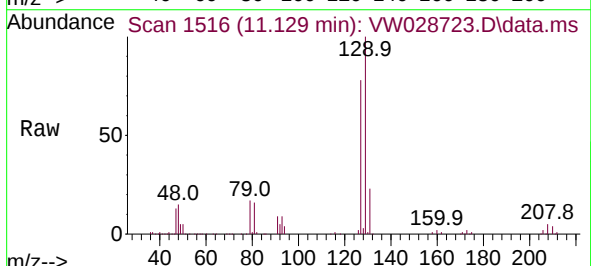
Acq: 23 May 2024 21:31

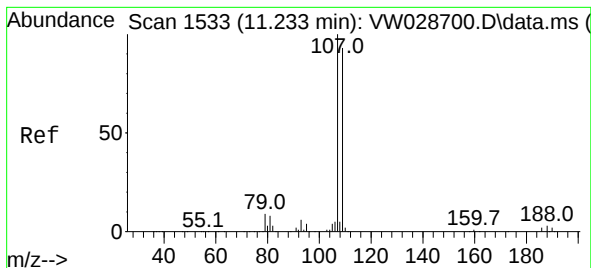
Tgt Ion:129 Resp: 104061

Ion Ratio Lower Upper

129 100

127 78.2 54.3 100.8





#50

1,2-Dibromoethane

Concen: 25.019 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW028723.D

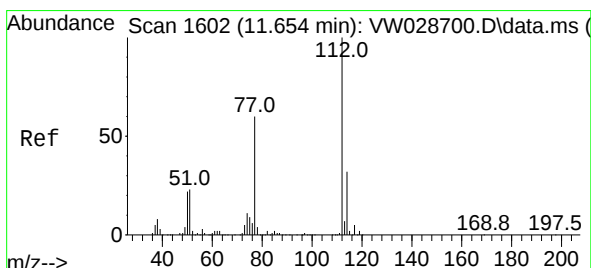
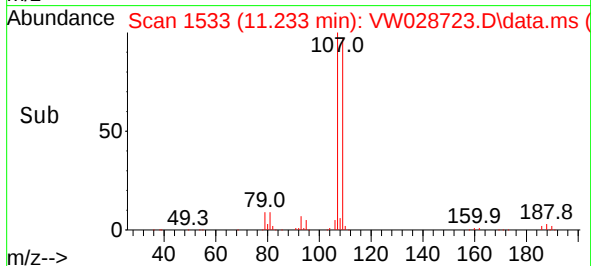
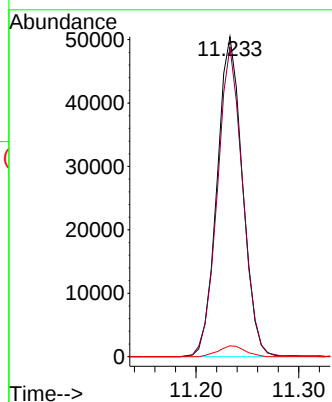
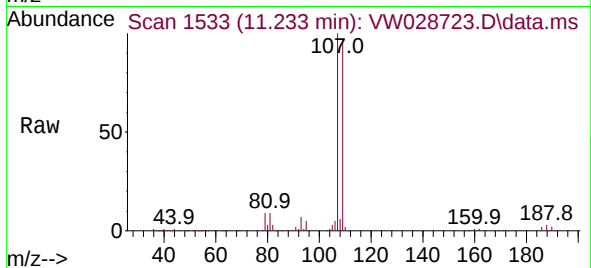
Acq: 23 May 2024 21:31

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	86600
Ion Ratio	Lower	Upper	
107	100		
109	96.8	64.2	119.2
188	3.4	3.1	4.7



#51

Chlorobenzene

Concen: 27.360 ug/L

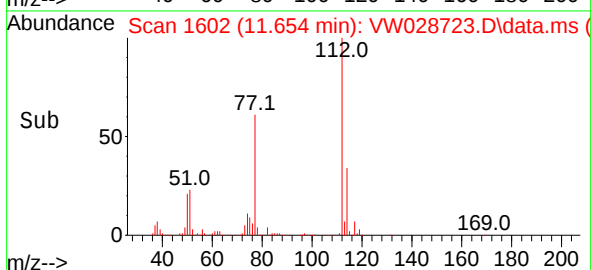
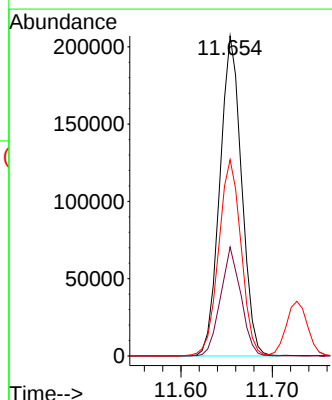
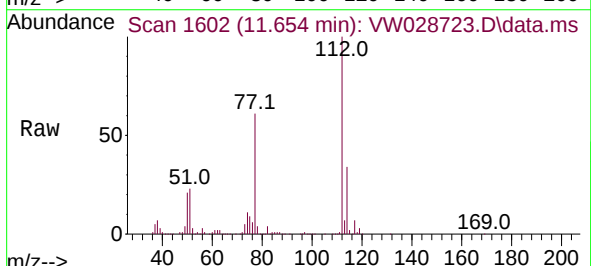
RT: 11.654 min Scan# 1602

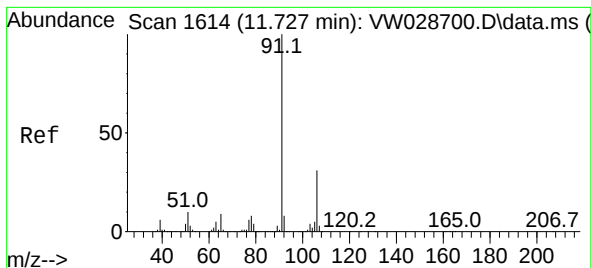
Delta R.T. 0.000 min

Lab File: VW028723.D

Acq: 23 May 2024 21:31

Tgt Ion:	112	Resp:	342186
Ion Ratio	Lower	Upper	
112	100		
114	34.1	22.2	41.2
77	61.4	50.8	76.2





#52

Ethylbenzene

Concen: 26.886 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028723.D

Acq: 23 May 2024 21:31

Instrument :

MSVOA_W

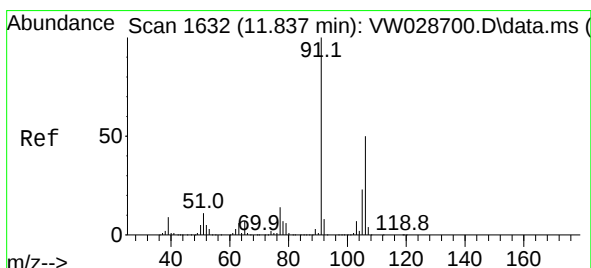
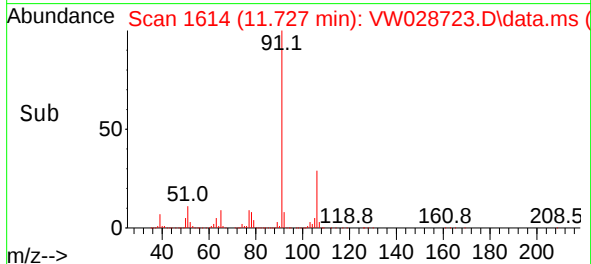
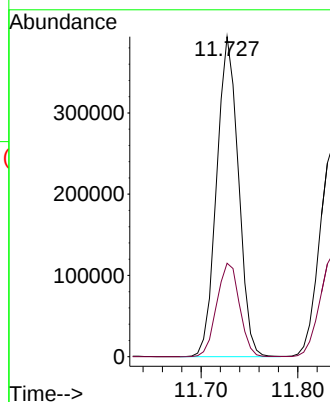
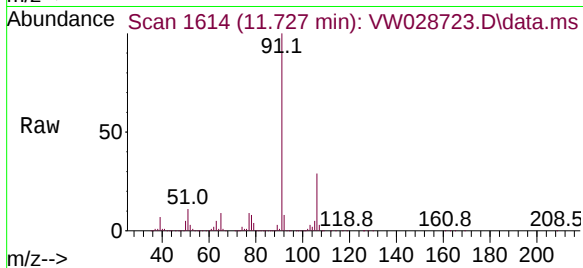
ClientSampleId :

Tgt Ion: 91 Resp: 615178

Ion Ratio Lower Upper

91 100

106 29.2 22.7 42.1



#53

m,p-Xylene

Concen: 27.552 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028723.D

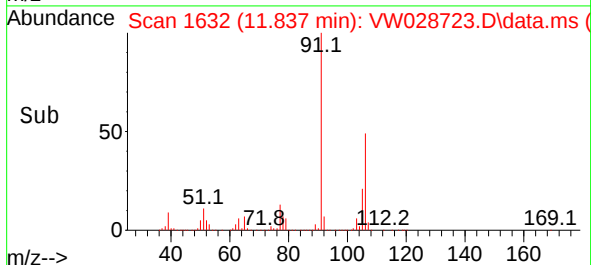
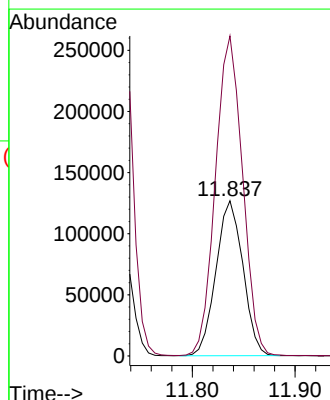
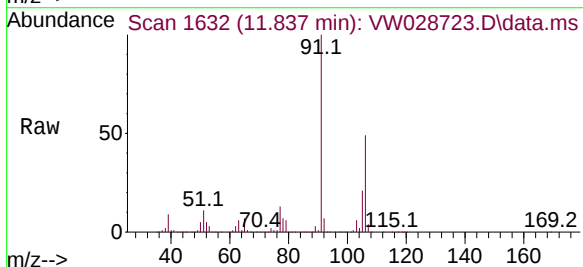
Acq: 23 May 2024 21:31

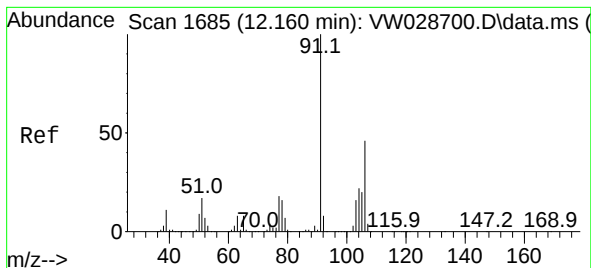
Tgt Ion:106 Resp: 231082

Ion Ratio Lower Upper

106 100

91 206.1 146.6 272.2





#54

o-Xylene

Concen: 28.778 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028723.D

Acq: 23 May 2024 21:31

Instrument :

MSVOA_W

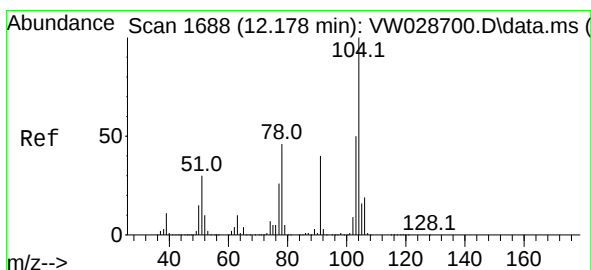
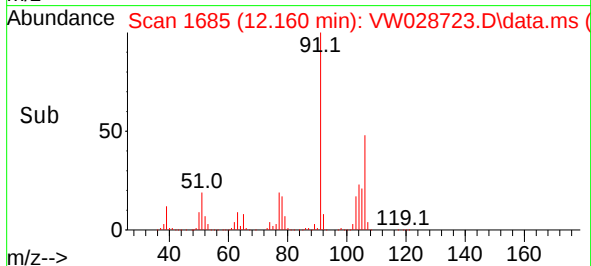
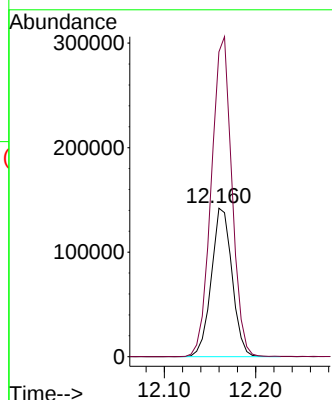
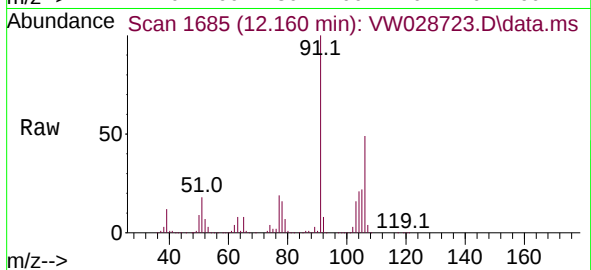
ClientSampleId :

Tgt Ion:106 Resp: 223297

Ion Ratio Lower Upper

106 100

91 205.4 154.3 286.5



#55

Styrene

Concen: 29.436 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW028723.D

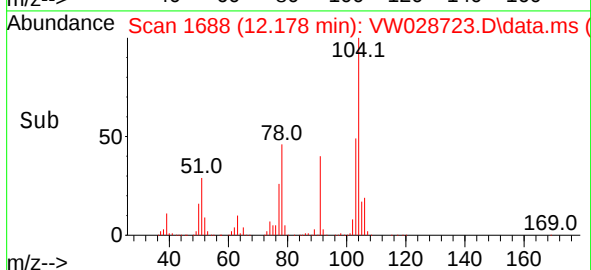
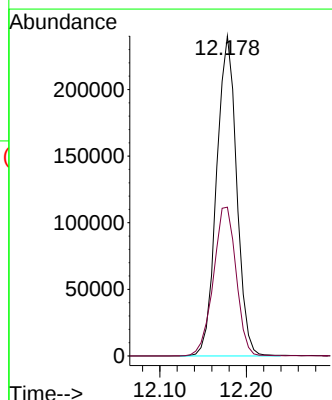
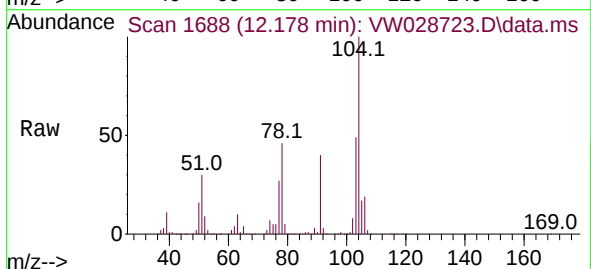
Acq: 23 May 2024 21:31

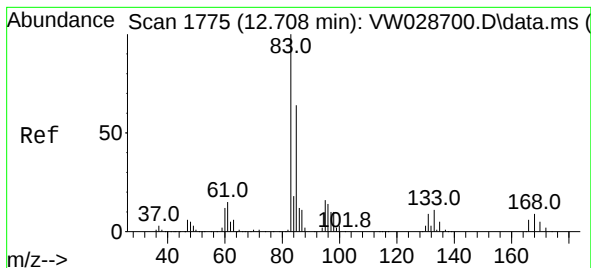
Tgt Ion:104 Resp: 387015

Ion Ratio Lower Upper

104 100

78 46.5 34.1 63.3

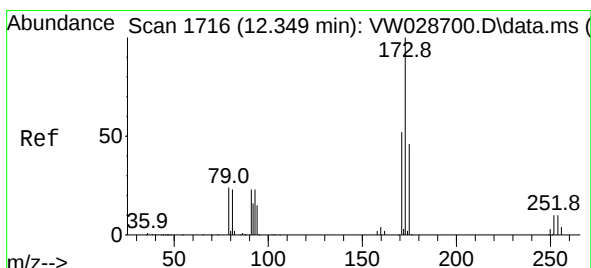
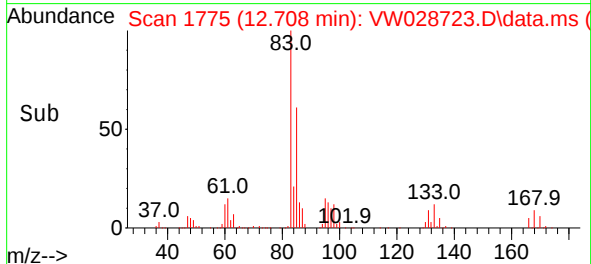
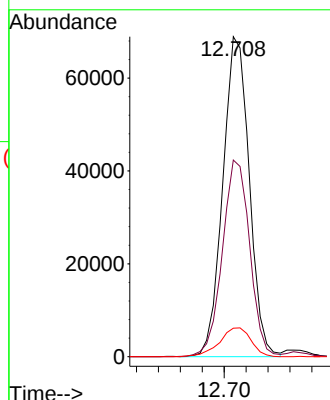
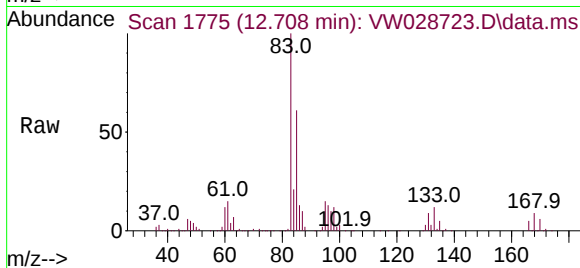




#57
1,1,2,2-Tetrachloroethane
Concen: 24.881 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW028723.D
Acq: 23 May 2024 21:31

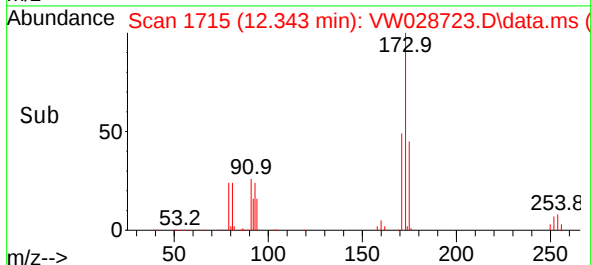
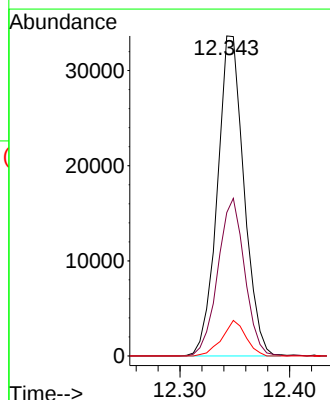
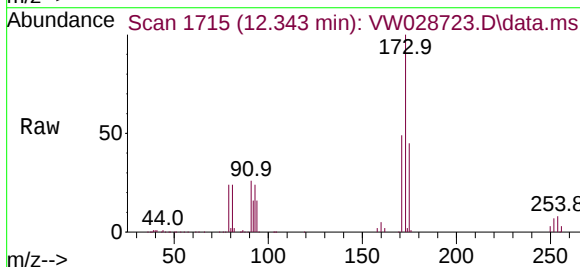
Instrument :
MSVOA_W
ClientSampleId :

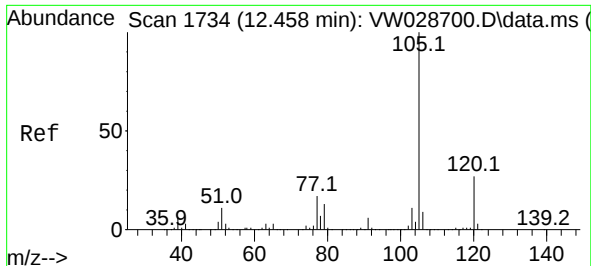
Tgt Ion: 83 Resp: 115349
Ion Ratio Lower Upper
83 100
85 61.4 45.6 84.6
131 8.9 7.3 10.9



#59
Bromoform
Concen: 25.901 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW028723.D
Acq: 23 May 2024 21:31

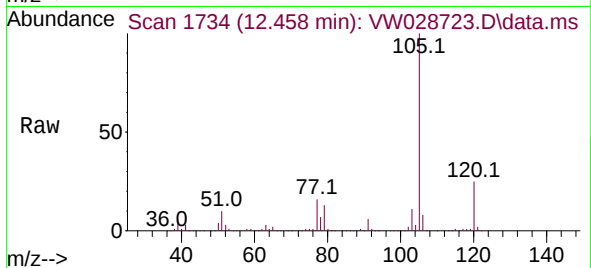
Tgt Ion:173 Resp: 56833
Ion Ratio Lower Upper
173 100
175 49.4 39.8 59.8
254 10.0 7.1 10.7



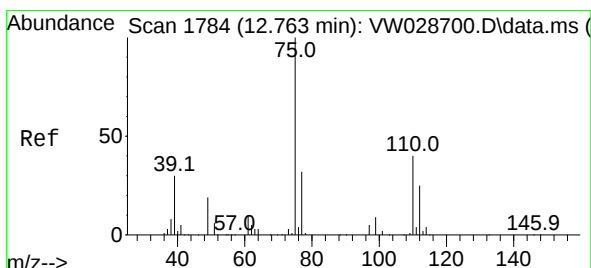
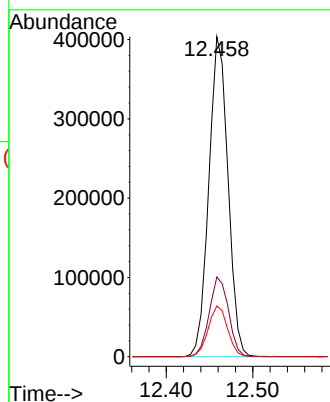
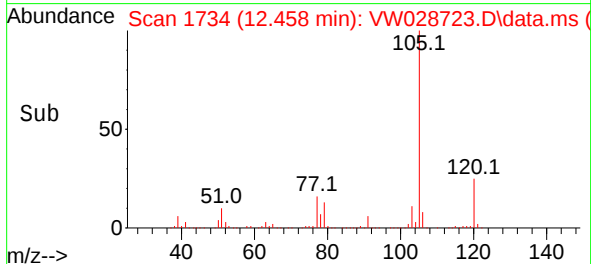


#60
Isopropylbenzene
Concen: 27.112 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW028723.D
Acq: 23 May 2024 21:31

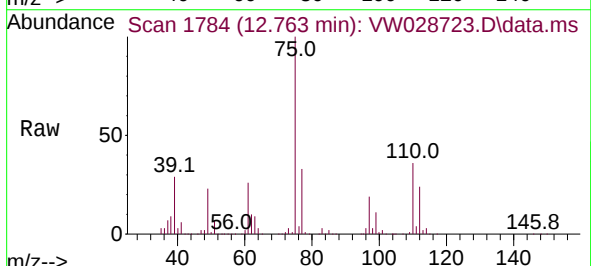
Instrument :
MSVOA_W
ClientSampleId :



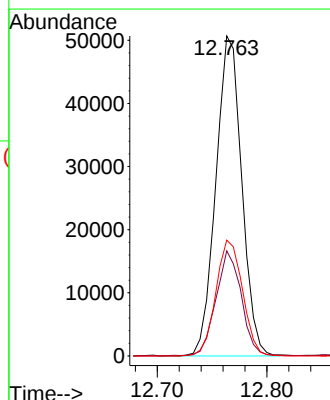
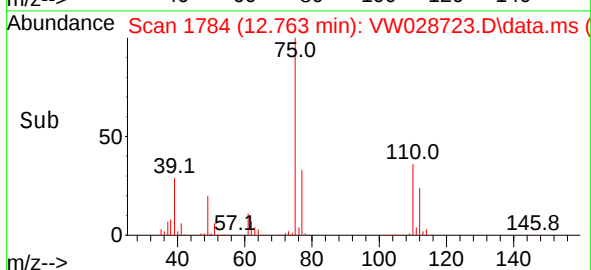
Tgt Ion:105 Resp: 618655
Ion Ratio Lower Upper
105 100
120 25.2 20.5 30.7
77 16.0 13.4 20.2

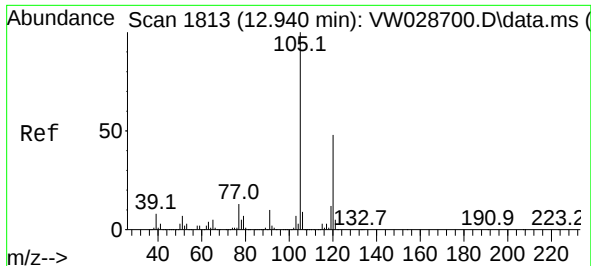


#61
1,2,3-Trichloropropane
Concen: 22.902 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW028723.D
Acq: 23 May 2024 21:31



Tgt Ion: 75 Resp: 83245
Ion Ratio Lower Upper
75 100
77 31.8 25.9 38.9
110 37.1 30.6 45.8





#62

1,3,5-Trimethylbenzene

Concen: 27.961 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW028723.D

Acq: 23 May 2024 21:31

Instrument :

MSVOA_W

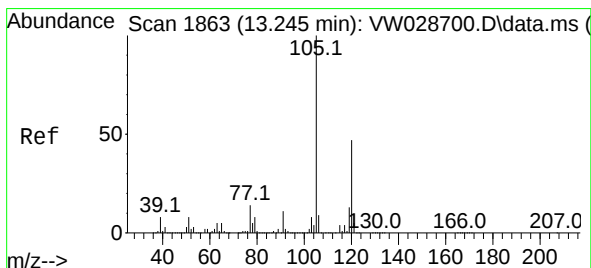
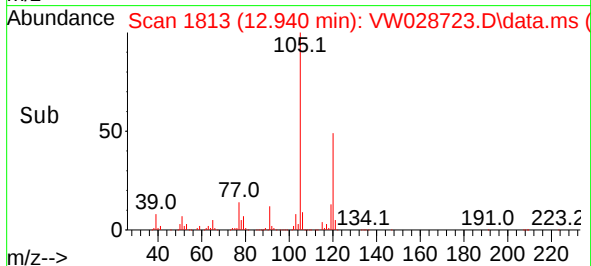
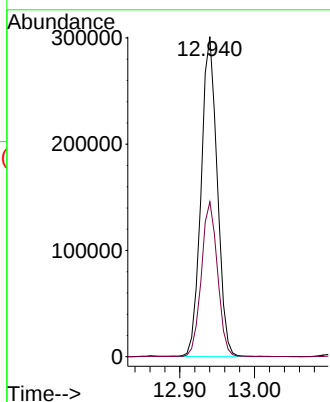
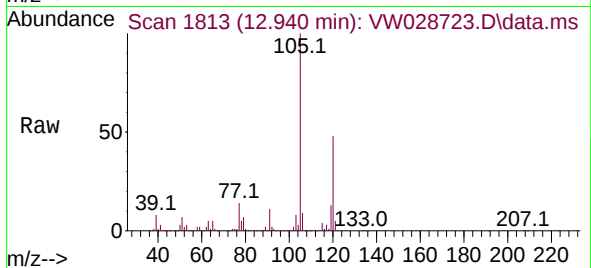
ClientSampleId :

Tgt Ion:105 Resp: 451417

Ion Ratio Lower Upper

105 100

120 48.3 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 28.170 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW028723.D

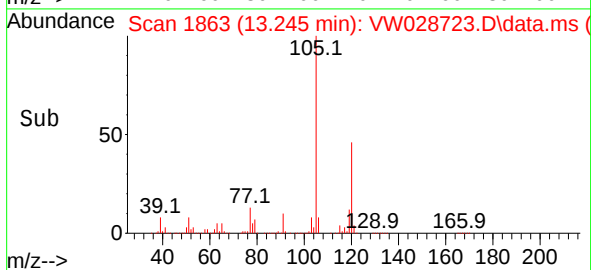
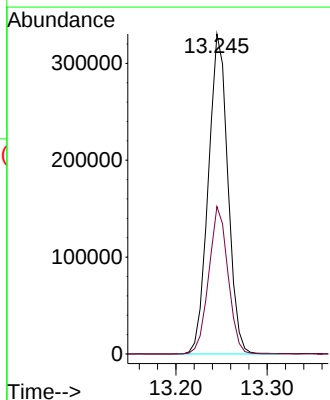
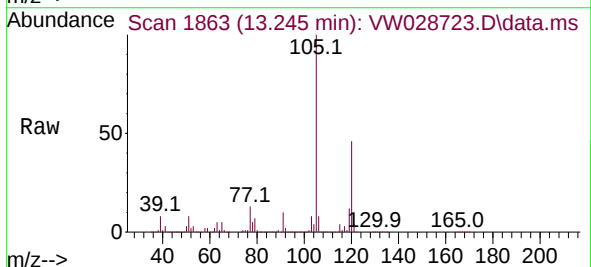
Acq: 23 May 2024 21:31

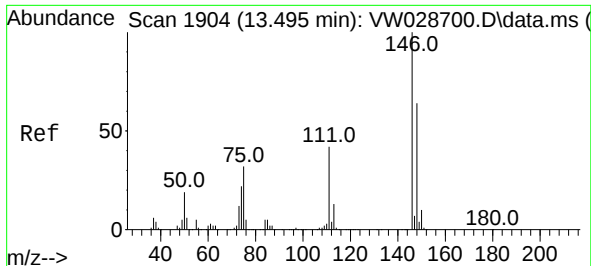
Tgt Ion:105 Resp: 490022

Ion Ratio Lower Upper

105 100

120 45.3 34.1 51.1

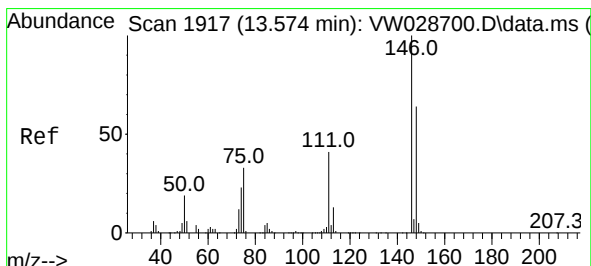
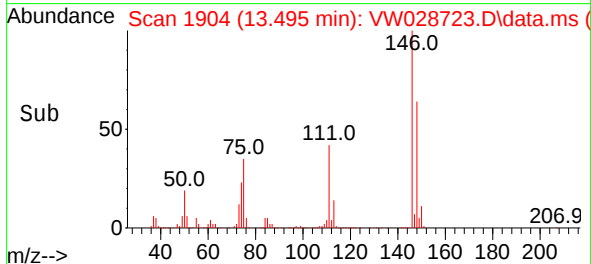
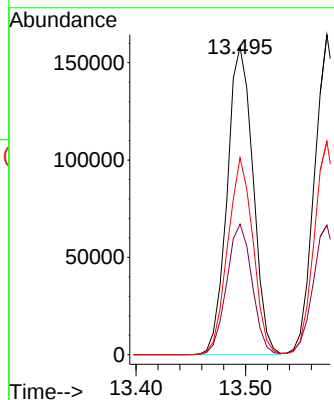
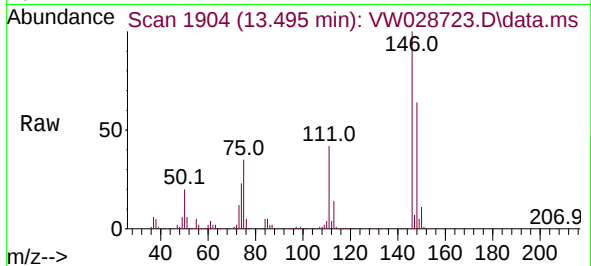




#64
1,3-Dichlorobenzene
Concen: 27.316 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028723.D
Acq: 23 May 2024 21:31

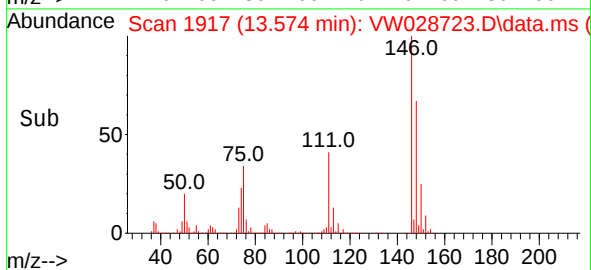
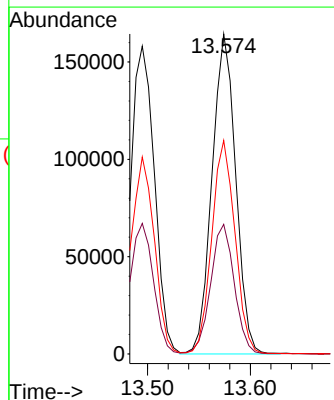
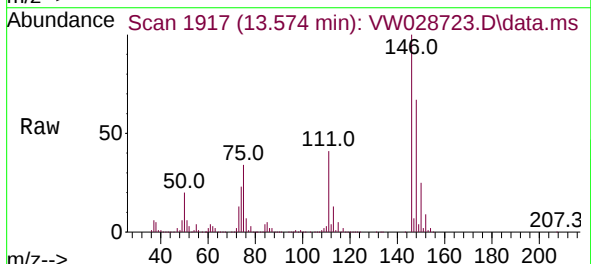
Instrument :
MSVOA_W
ClientSampleId :

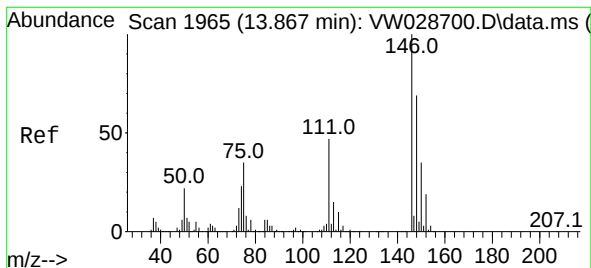
Tgt Ion:146 Resp: 259296
Ion Ratio Lower Upper
146 100
111 42.4 30.7 57.1
148 64.0 47.0 87.2



#65
1,4-Dichlorobenzene
Concen: 27.105 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028723.D
Acq: 23 May 2024 21:31

Tgt Ion:146 Resp: 263044
Ion Ratio Lower Upper
146 100
111 40.5 29.1 54.1
148 66.7 41.2 76.6

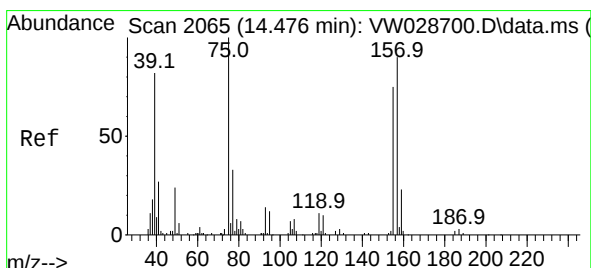
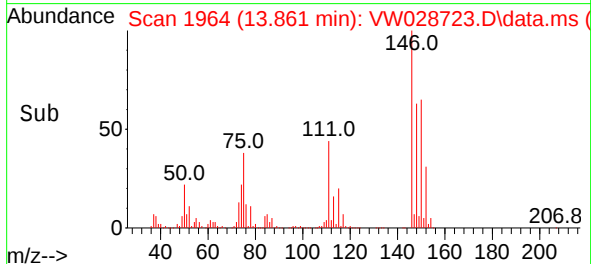
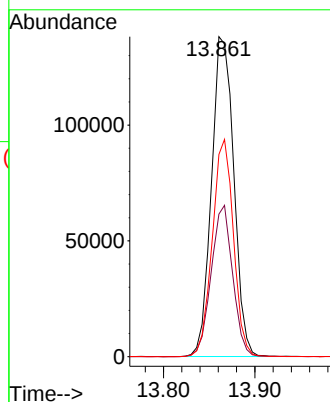
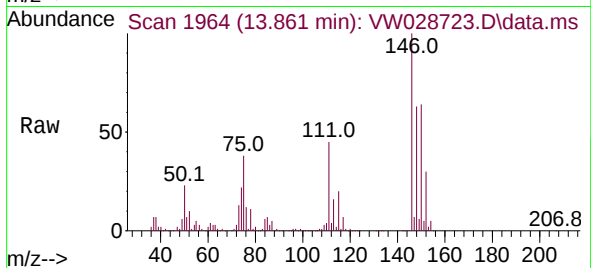




#67
1,2-Dichlorobenzene
Concen: 27.566 ug/L
RT: 13.861 min Scan# 1965
Delta R.T. -0.006 min
Lab File: VW028723.D
Acq: 23 May 2024 21:31

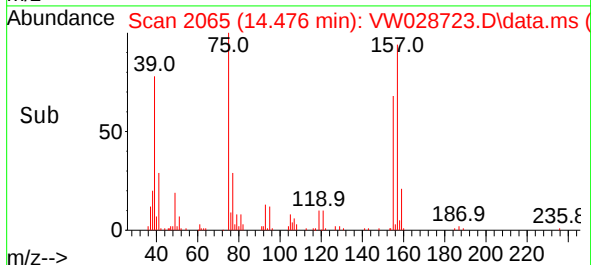
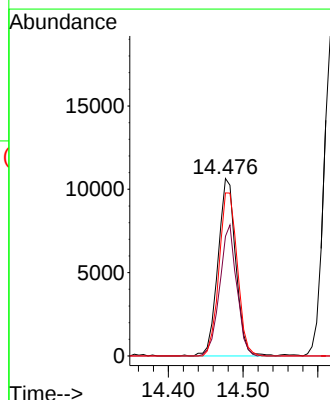
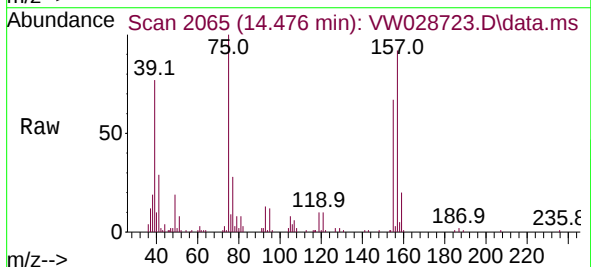
Instrument :
MSVOA_W
ClientSampleId :

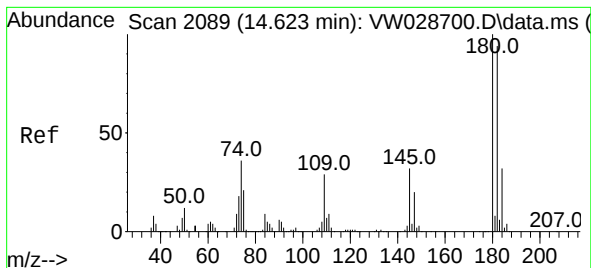
Tgt Ion:146 Resp: 234201
Ion Ratio Lower Upper
146 100
111 44.6 34.7 52.1
148 63.2 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 20.794 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW028723.D
Acq: 23 May 2024 21:31

Tgt Ion: 75 Resp: 17672
Ion Ratio Lower Upper
75 100
155 67.4 55.1 82.7
157 91.9 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 27.454 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

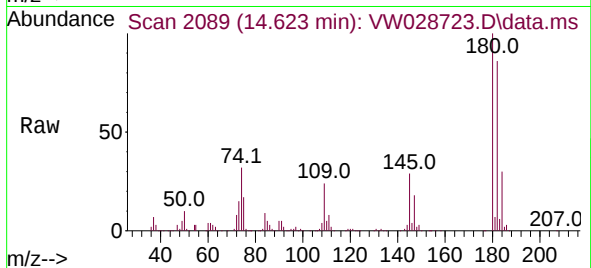
Lab File: VW028723.D

Acq: 23 May 2024 21:31

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 174873

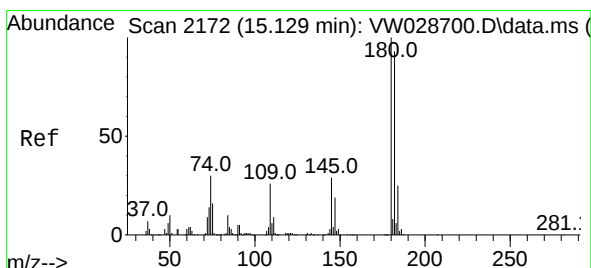
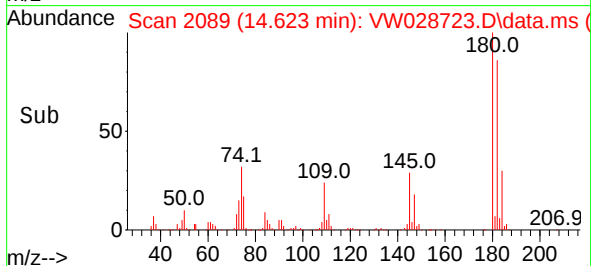
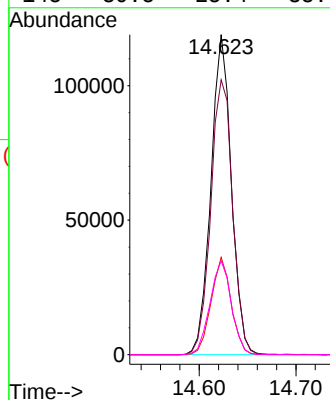
Ion Ratio Lower Upper

180 100

182 91.7 75.4 113.2

184 29.9 24.0 36.0

145 30.5 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 26.941 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW028723.D

Acq: 23 May 2024 21:31

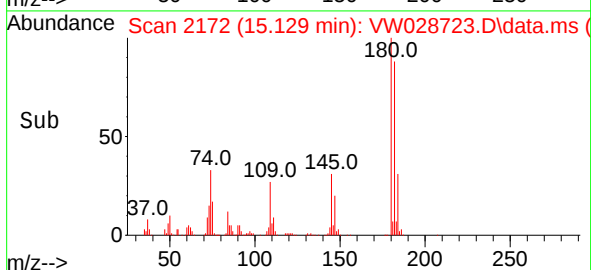
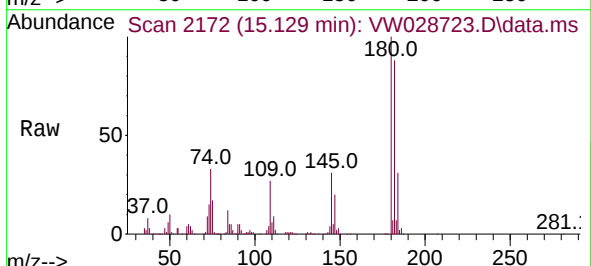
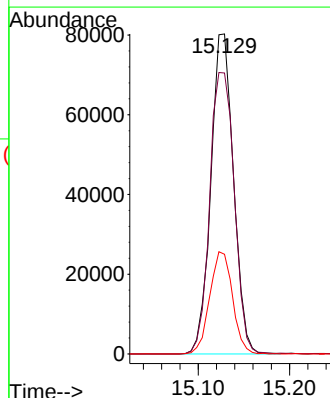
Tgt Ion:180 Resp: 138660

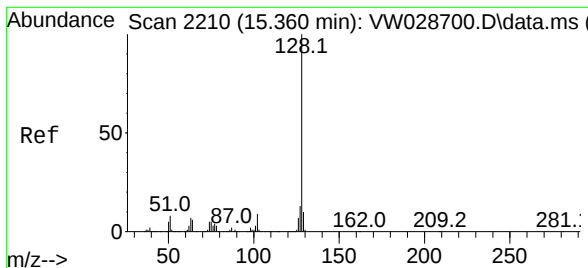
Ion Ratio Lower Upper

180 100

182 94.9 77.2 115.8

145 32.1 26.6 39.8

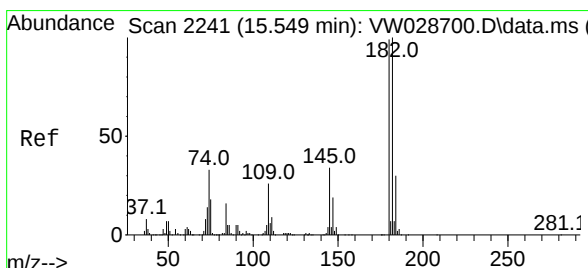
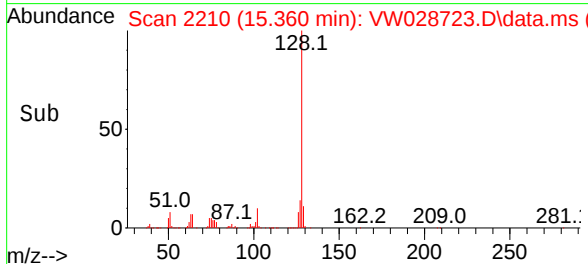
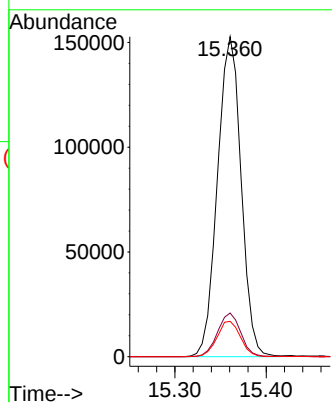
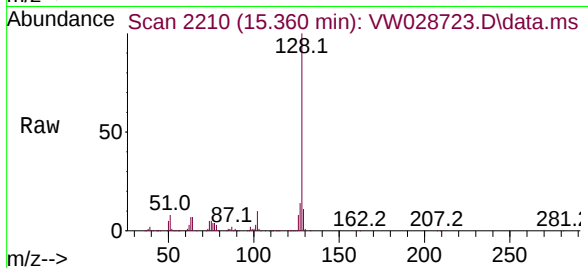




#71
Naphthalene
Concen: 25.058 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW028723.D
Acq: 23 May 2024 21:31

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 274771
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 11.0 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 26.257 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW028723.D
Acq: 23 May 2024 21:31

Tgt Ion:180 Resp: 121943
Ion Ratio Lower Upper
180 100
182 99.2 76.1 114.1
145 34.8 28.3 42.5

