

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052324\
 Data File : VW028700.D
 Acq On : 23 May 2024 11:41
 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 00:14:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 23 00:20:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	317501	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	293963	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	147303	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	147824	24.518	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.080%
7) Chloroethane-d5	2.899	69	112180	24.300	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	4.021	65	63377	25.160	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.640%
21) 2-Butanone-d5	7.075	46	71423	45.407	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.820%
24) Chloroform-d	7.648	84	275071	27.726	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.920%
26) 1,2-Dichloroethane-d4	8.301	65	149036	26.240	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.960%
32) Benzene-d6	8.276	84	555850	28.341	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.360%
36) 1,2-Dichloropropane-d6	9.276	67	166553	28.221	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.880%
41) Toluene-d8	10.319	98	502952	28.957	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.840%
43) trans-1,3-Dichloroprop...	10.575	79	65330	27.517	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.080%
47) 2-Hexanone-d5	10.922	63	49342	48.474	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.940%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	126444	25.550	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	13.848	152	155814	27.753	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	97204	21.067	ug/L	92
3) Chloromethane	2.222	50	127033	22.224	ug/L	99
5) Vinyl chloride	2.375	62	145932	22.677	ug/L	100
6) Bromomethane	2.789	94	88057	23.654	ug/L	99
8) Chloroethane	2.930	64	87803	23.924	ug/L	99
9) Trichlorofluoromethane	3.265	101	112372	21.269	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	121272	24.896	ug/L	97
12) 1,1-Dichloroethene	4.045	96	111529	25.524	ug/L	96
13) Acetone	4.118	43	51106	35.714	ug/L	93
14) Carbon disulfide	4.387	76	341676	23.136	ug/L	99
15) Methyl Acetate	4.667	43	60527	24.312	ug/L	99
16) Methylene chloride	4.917	84	130072	26.489	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	123599	27.169	ug/L	92
18) Methyl tert-butyl Ether	5.423	73	181531	27.040	ug/L	98
19) 1,1-Dichloroethane	6.216	63	248397	27.535	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	135765	28.516	ug/L	96
22) 2-Butanone	7.167	43	77483	42.186	ug/L	99
23) Bromochloromethane	7.514	128	59515	28.657	ug/L	90
25) Chloroform	7.679	83	249692	28.616	ug/L	96

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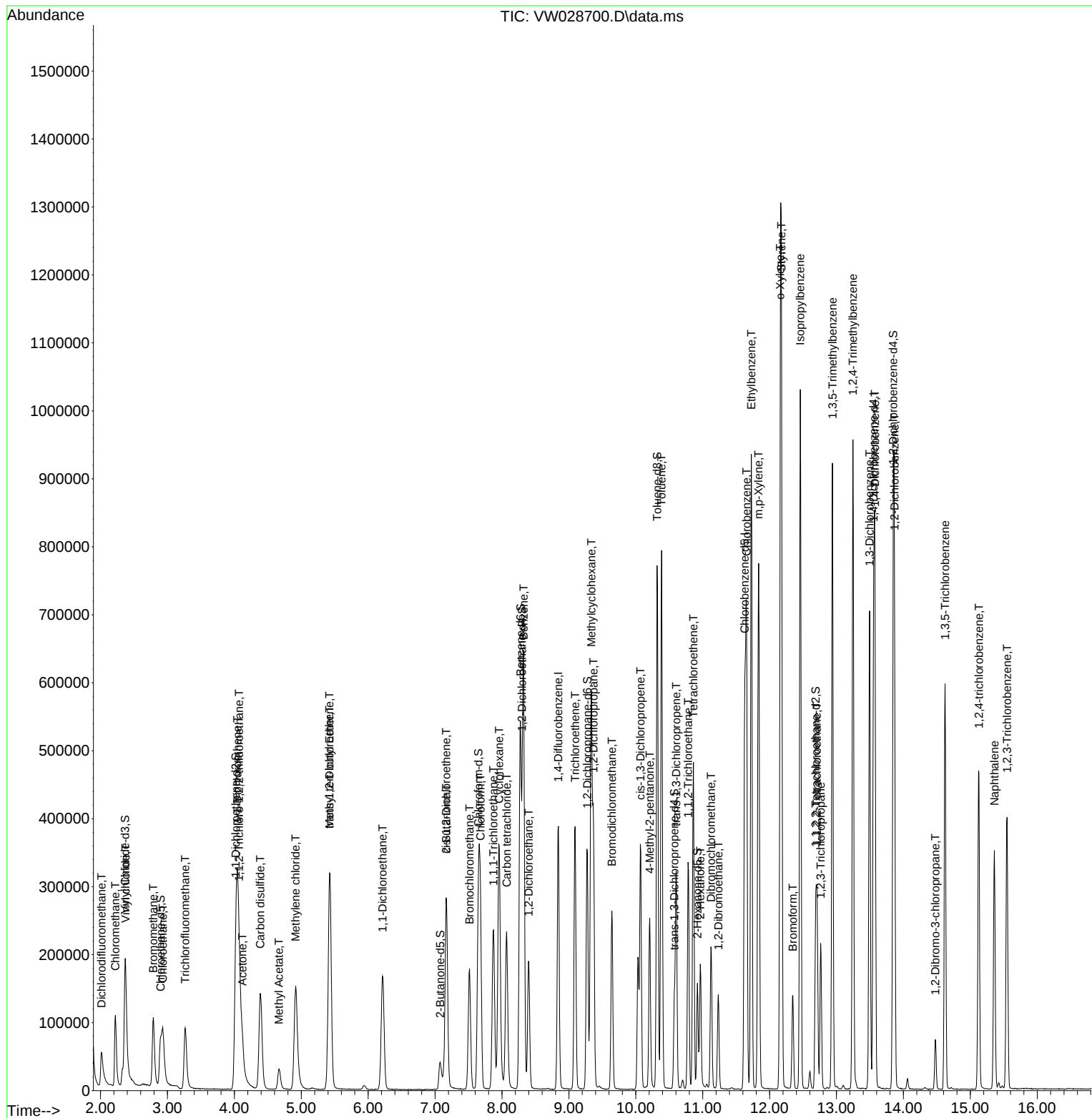
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	171307	27.008	ug/L	99
29) Cyclohexane	7.959	56	208488	24.875	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	192531	26.136	ug/L	99
31) Carbon tetrachloride	8.069	117	175153	26.078	ug/L	98
33) Benzene	8.325	78	538060	28.227	ug/L	100
34) Trichloroethene	9.093	95	137643	26.932	ug/L	93
35) Methylcyclohexane	9.337	83	230141	25.767	ug/L	98
37) 1,2-Dichloropropane	9.367	63	142513	28.691	ug/L	99
38) Bromodichloromethane	9.642	83	175335	28.957	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	209584	29.439	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	170066	50.306	ug/L	99
42) Toluene	10.386	91	566260	28.761	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	173120	28.840	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	102996	28.624	ug/L	96
46) Tetrachloroethene	10.861	164	102112	27.731	ug/L	94
48) 2-Hexanone	10.965	43	119024	49.870	ug/L	98
49) Dibromochloromethane	11.123	129	110457	30.605	ug/L	95
50) 1,2-Dibromoethane	11.233	107	92722	27.509	ug/L	99
51) Chlorobenzene	11.654	112	358099	29.404	ug/L	97
52) Ethylbenzene	11.727	91	645607	28.976	ug/L	98
53) m,p-Xylene	11.837	106	242541	29.697	ug/L	95
54) o-Xylene	12.160	106	229212	30.336	ug/L	99
55) Styrene	12.178	104	406664	31.764	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	121437	26.900	ug/L	98
59) Bromoform	12.349	173	64025	29.793	ug/L	95
60) Isopropylbenzene	12.458	105	627184	28.064	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	89544	25.153	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	472073	29.856	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	499833	29.339	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	272890	29.353	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	271130	28.526	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	239911	28.832	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	19145	23.001	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	175596	28.147	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	147887	29.339	ug/L	95
71) Naphthalene	15.360	128	290819	27.079	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	134753	29.626	ug/L	98

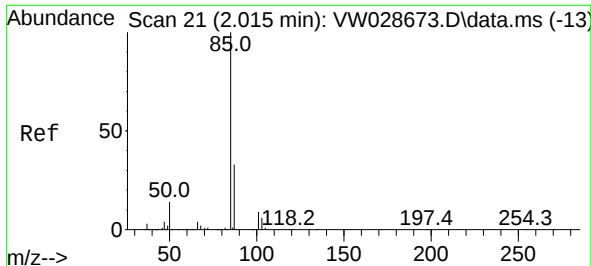
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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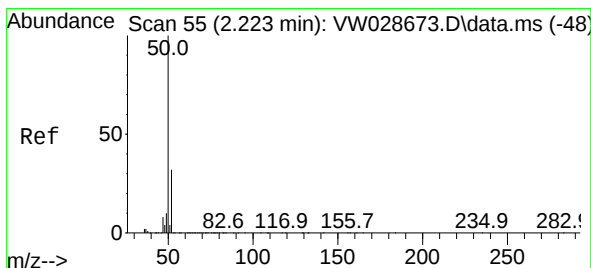
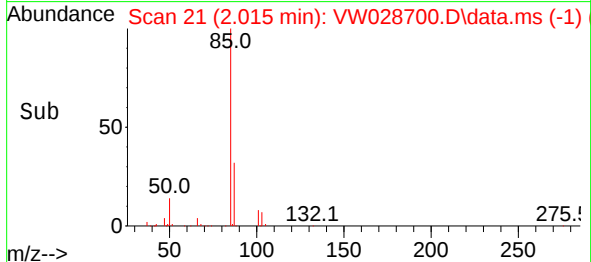
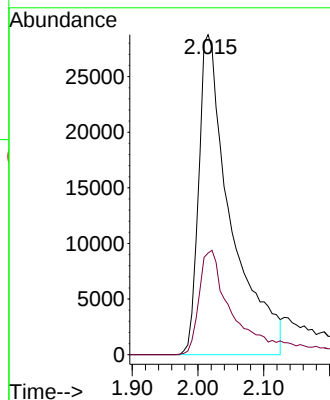
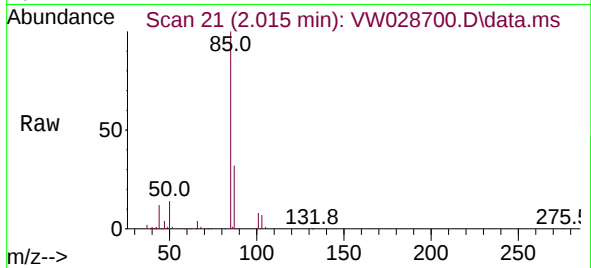




#2
 Dichlorodifluoromethane
 Concen: 21.067 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028700.D
 Acq: 23 May 2024 11:41

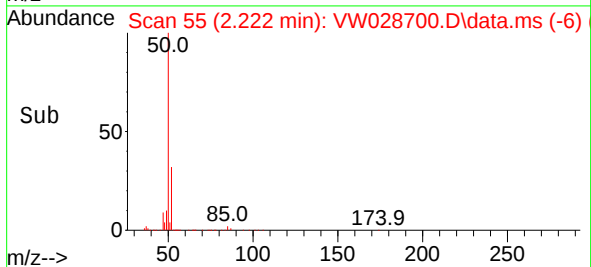
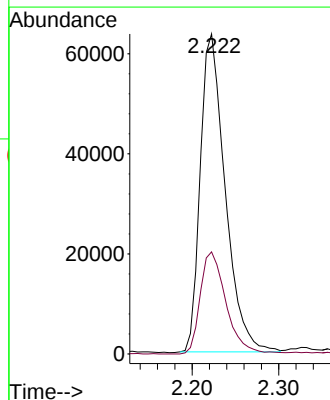
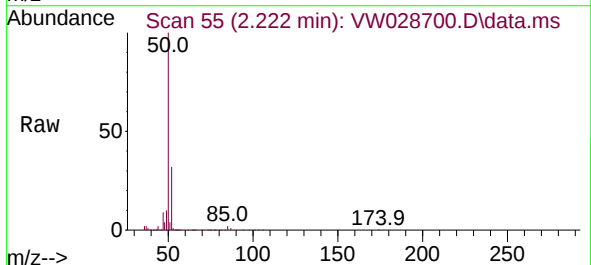
Instrument :
 MSVOA_W
 ClientSampleId :

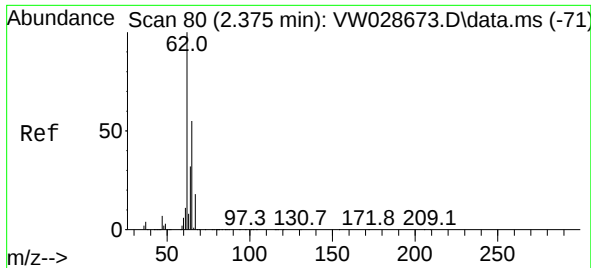
Tgt Ion: 85 Resp: 97204
 Ion Ratio Lower Upper
 85 100
 87 31.7 21.9 32.9



#3
 Chloromethane
 Concen: 22.224 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW028700.D
 Acq: 23 May 2024 11:41

Tgt Ion: 50 Resp: 127033
 Ion Ratio Lower Upper
 50 100
 52 31.9 22.0 41.0

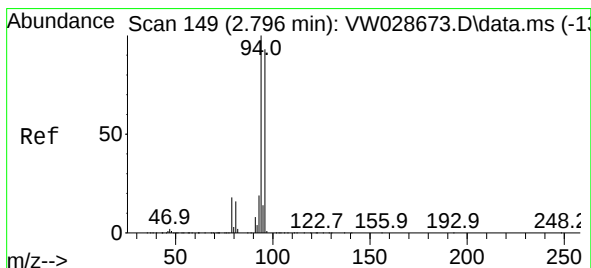
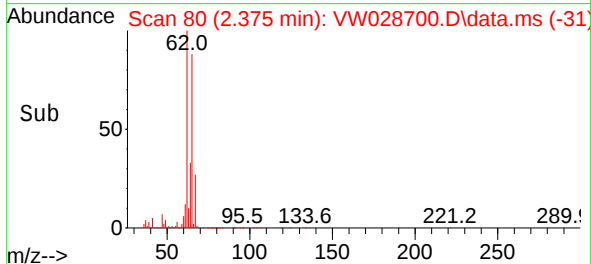
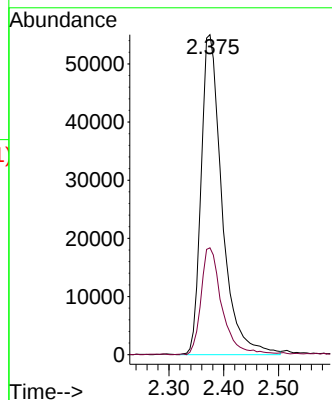
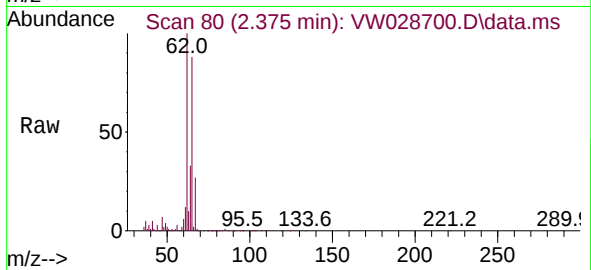




#5
 Vinyl chloride
 Concen: 22.677 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028700.D
 Acq: 23 May 2024 11:41

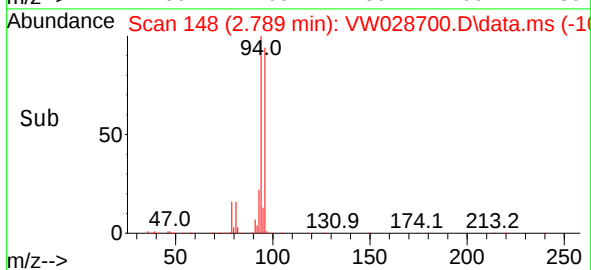
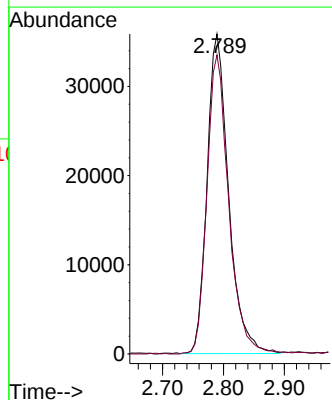
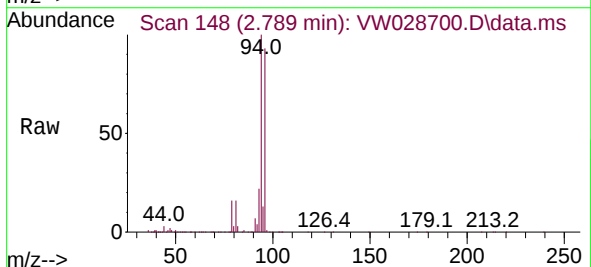
Instrument :
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 ClientSampleId :

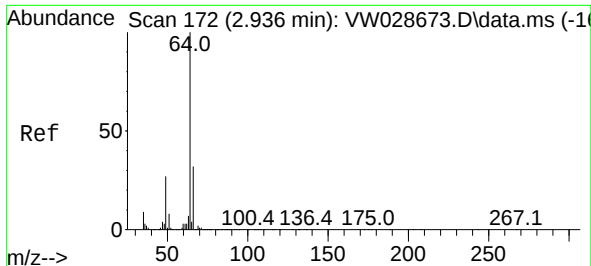
Tgt Ion: 62 Resp: 145932
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.3 43.3



#6
 Bromomethane
 Concen: 23.654 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW028700.D
 Acq: 23 May 2024 11:41

Tgt Ion: 94 Resp: 88057
 Ion Ratio Lower Upper
 94 100
 96 93.5 66.3 123.1

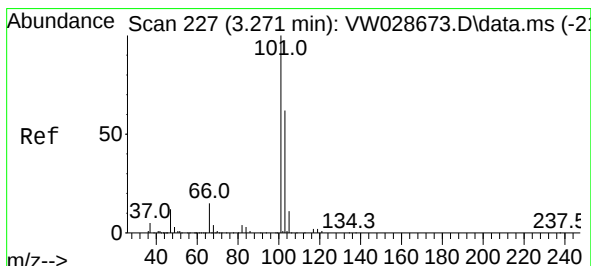
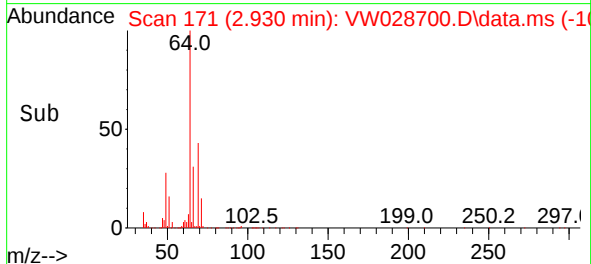
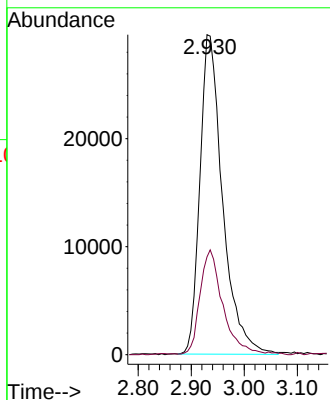
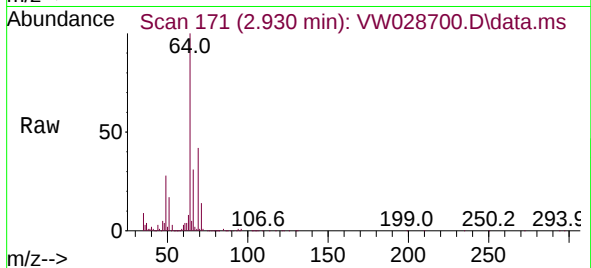




#8
Chloroethane
Concen: 23.924 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW028700.D
Acq: 23 May 2024 11:41

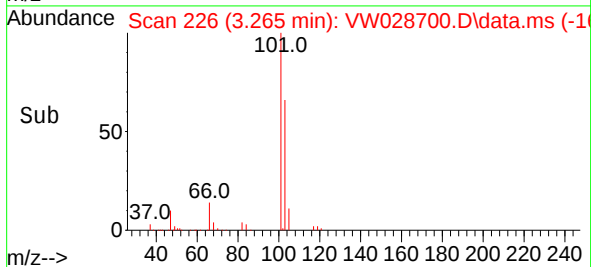
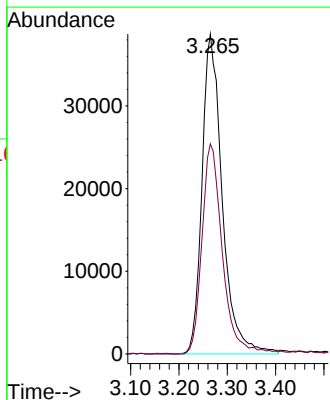
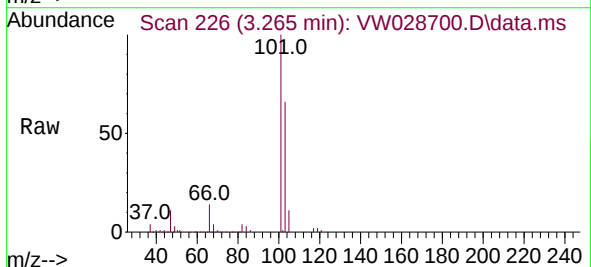
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MSVOA_W
ClientSampleId :

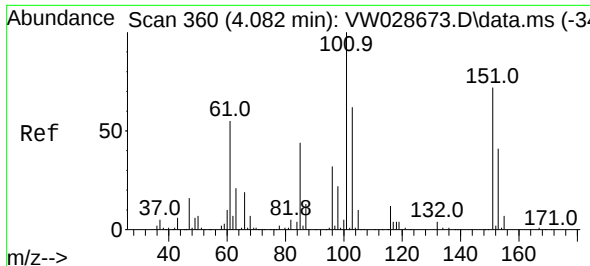
Tgt Ion: 64 Resp: 87803
Ion Ratio Lower Upper
64 100
66 30.6 21.7 40.3



#9
Trichlorofluoromethane
Concen: 21.269 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW028700.D
Acq: 23 May 2024 11:41

Tgt Ion:101 Resp: 112372
Ion Ratio Lower Upper
101 100
103 64.5 50.4 75.6





#10

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

Concen: 24.896 ug/L

RT: 4.070 min Scan# 358

Delta R.T. -0.012 min

Lab File: VW028700.D

Acq: 23 May 2024 11:41

Instrument :

MSVOA_W

ClientSampleId :

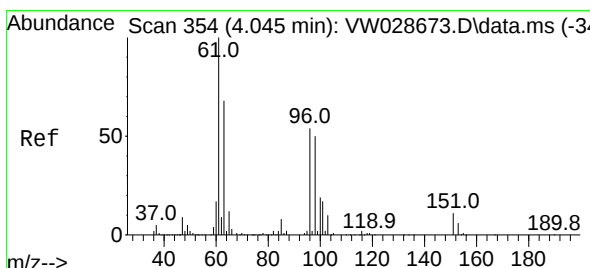
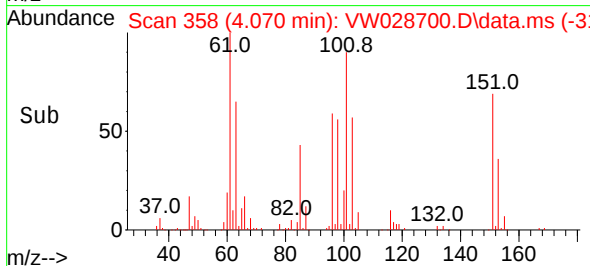
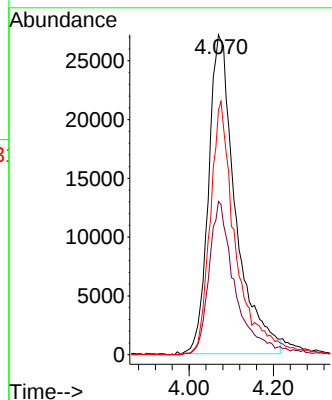
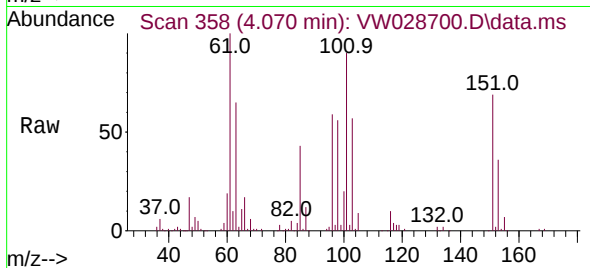
Tgt Ion:101 Resp: 121272

Ion Ratio Lower Upper

101 100

85 44.6 35.8 53.8

151 66.3 49.6 74.4



#12

1,1-Dichloroethene

Concen: 25.524 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW028700.D

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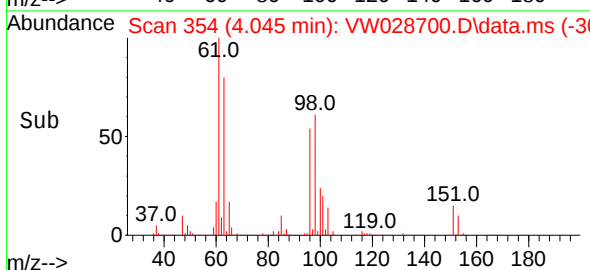
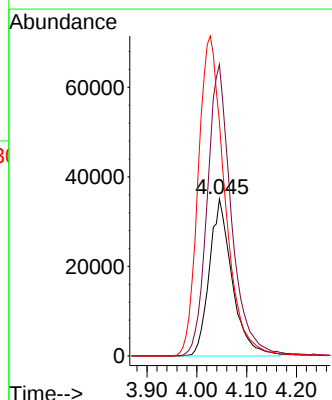
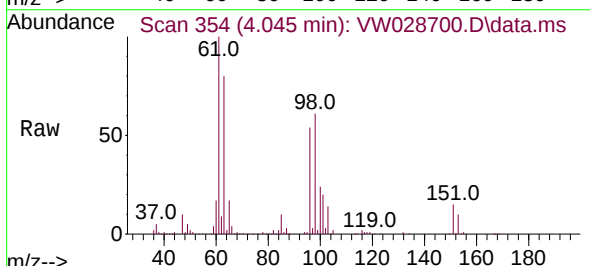
Tgt Ion: 96 Resp: 111529

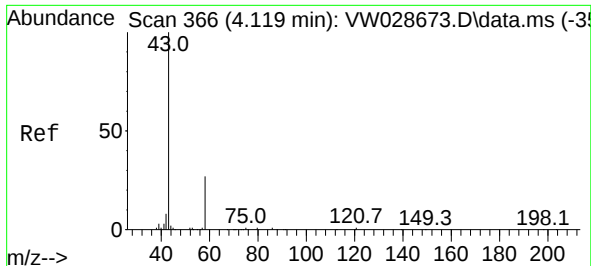
Ion Ratio Lower Upper

96 100

61 185.8 131.6 244.4

63 149.3 111.4 206.8

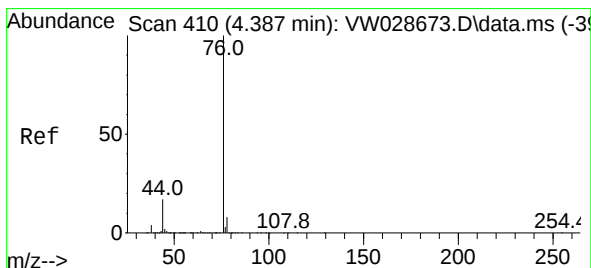
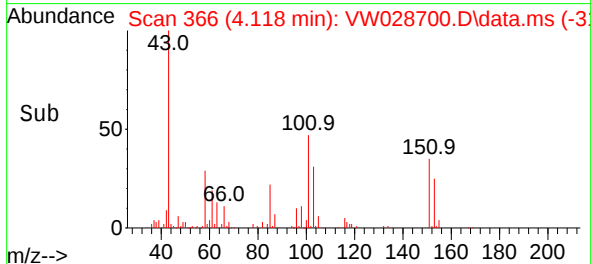
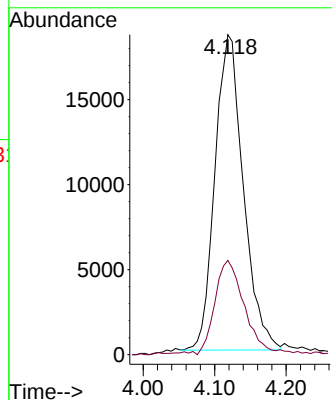
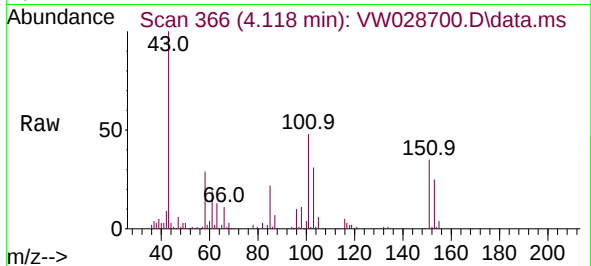




#13
Acetone
Concen: 35.714 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
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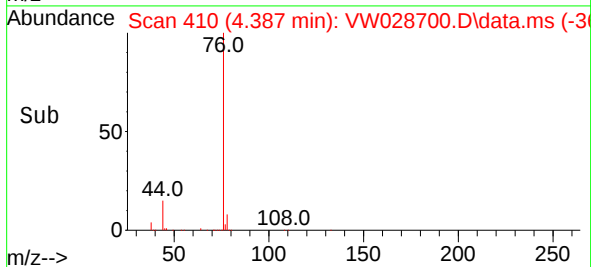
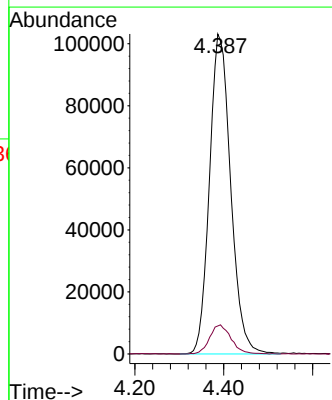
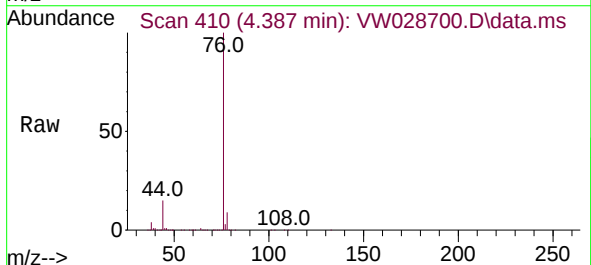
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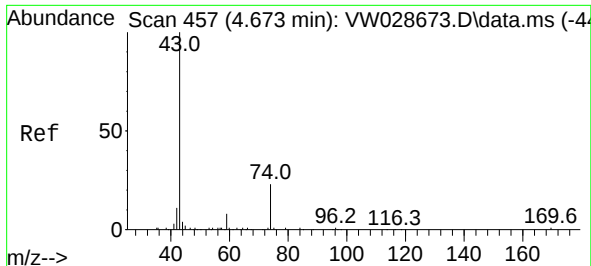
Tgt Ion: 43 Resp: 51106
Ion Ratio Lower Upper
43 100
58 30.6 0.0 54.4



#14
Carbon disulfide
Concen: 23.136 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW028700.D
Acq: 23 May 2024 11:41

Tgt Ion: 76 Resp: 341676
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

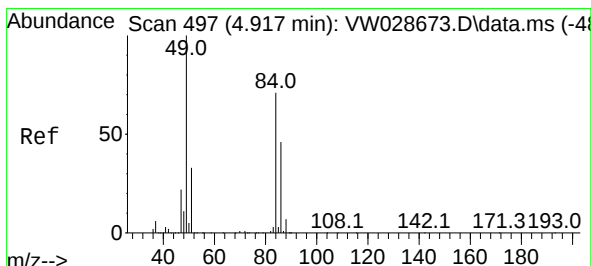
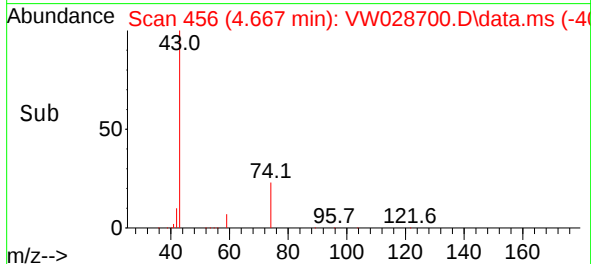
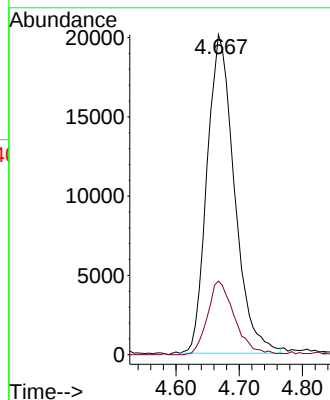
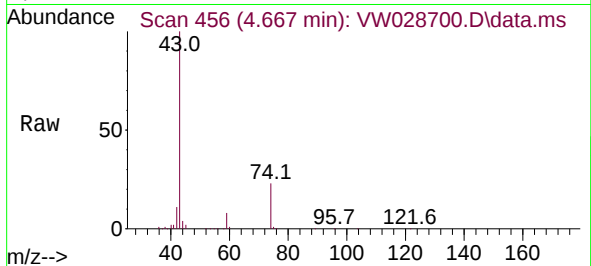




#15
Methyl Acetate
Concen: 24.312 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW028700.D
Acq: 23 May 2024 11:41

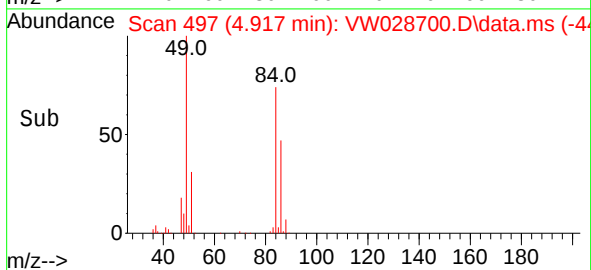
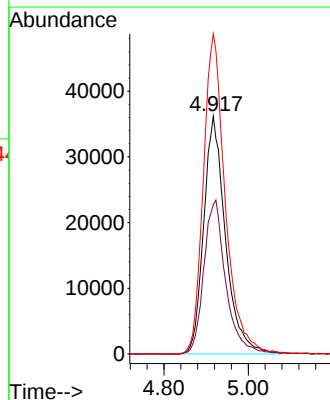
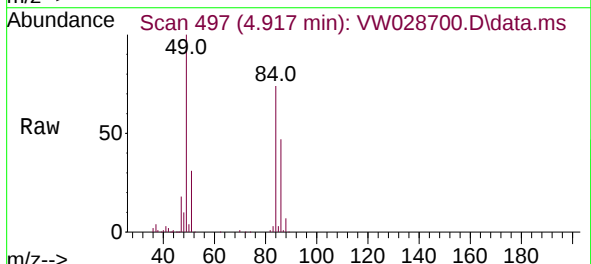
Instrument :
MSVOA_W
ClientSampleId :

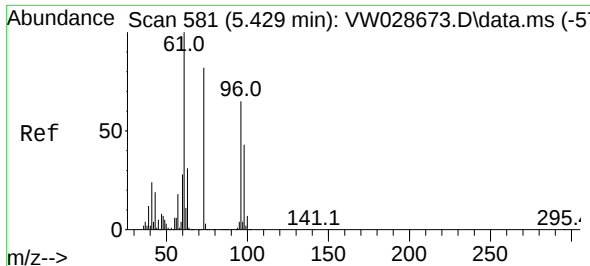
Tgt Ion: 43 Resp: 60527
Ion Ratio Lower Upper
43 100
74 22.5 17.6 26.4



#16
Methylene chloride
Concen: 26.489 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW028700.D
Acq: 23 May 2024 11:41

Tgt Ion: 84 Resp: 130072
Ion Ratio Lower Upper
84 100
86 62.8 44.4 82.4
49 134.6 100.2 186.2





#17

trans-1,2-Dichloroethene

Concen: 27.169 ug/L

RT: 5.423 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW028700.D

Acq: 23 May 2024 11:41

Instrument :

MSVOA_W

ClientSampleId :

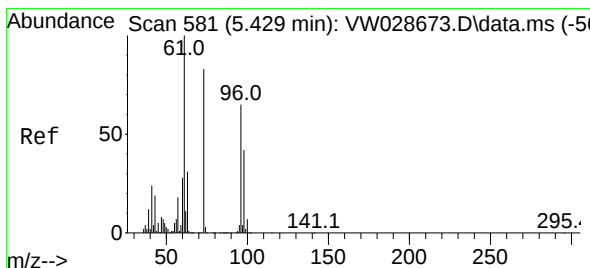
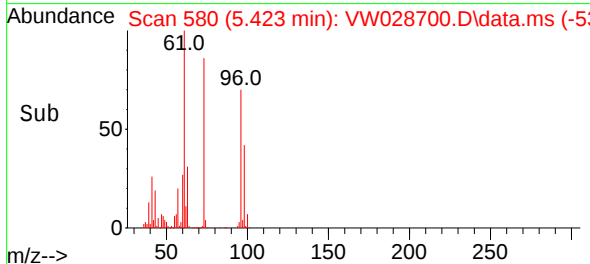
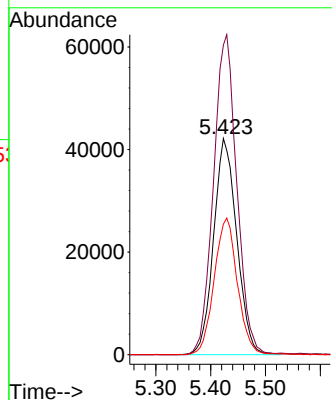
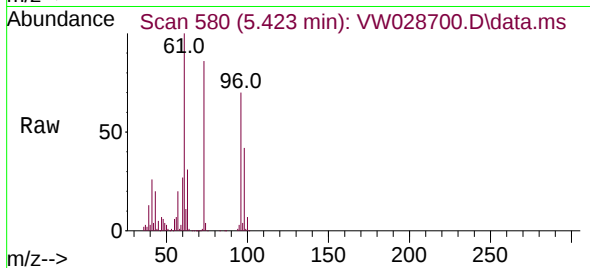
Tgt Ion: 96 Resp: 123599

Ion Ratio Lower Upper

96 100

61 143.3 109.0 202.4

98 60.4 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 27.040 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW028700.D

Acq: 23 May 2024 11:41

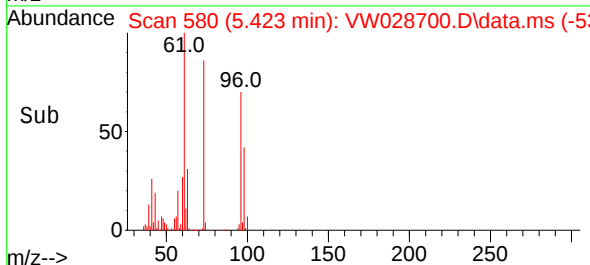
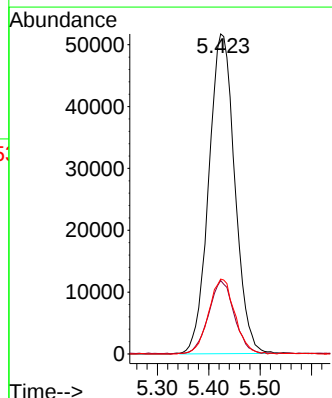
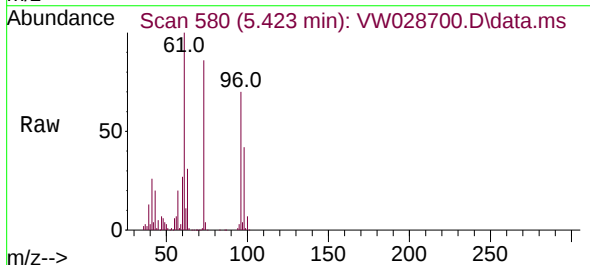
Tgt Ion: 73 Resp: 181531

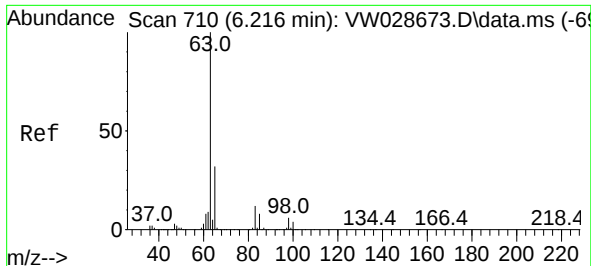
Ion Ratio Lower Upper

73 100

43 22.3 19.2 28.8

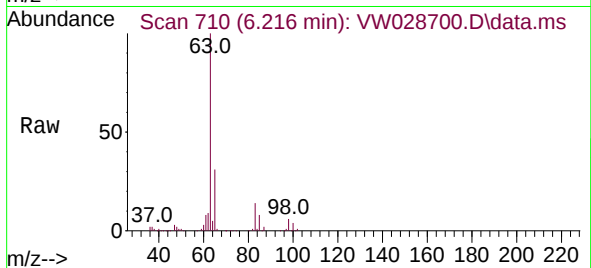
57 23.5 18.5 27.7



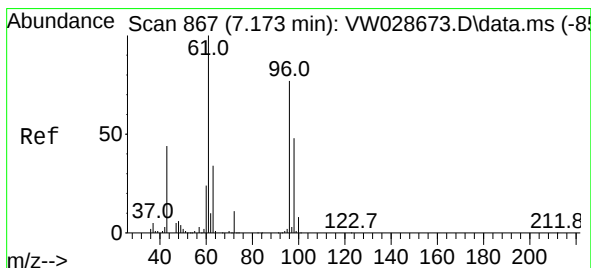
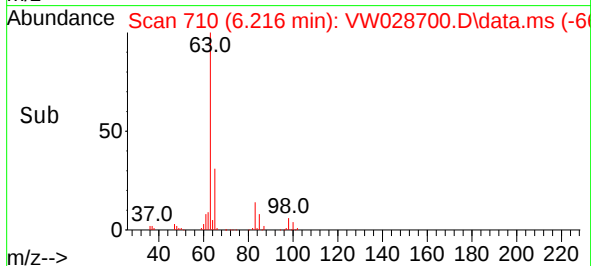
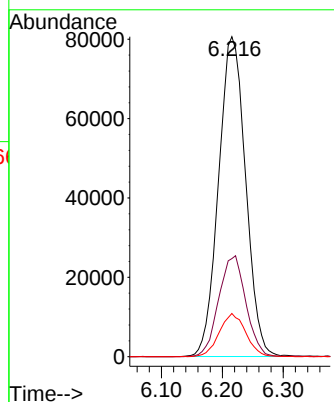


#19
1,1-Dichloroethane
Concen: 27.535 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW028700.D
Acq: 23 May 2024 11:41

Instrument :
MSVOA_W
ClientSampleId :

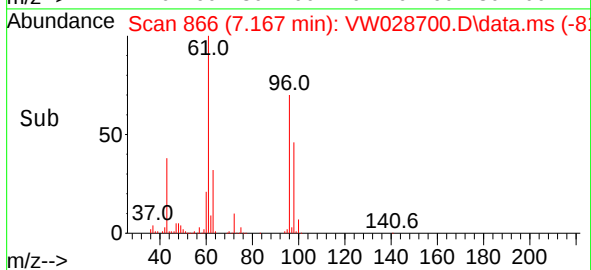
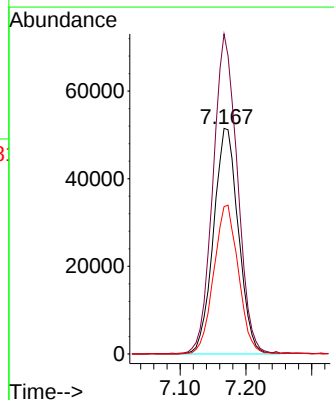
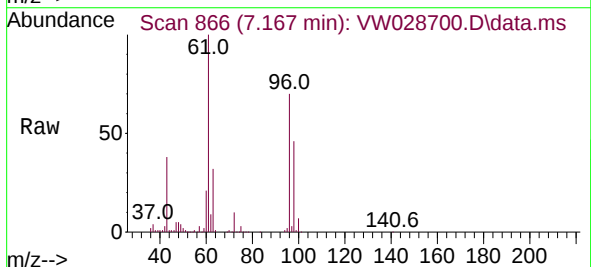


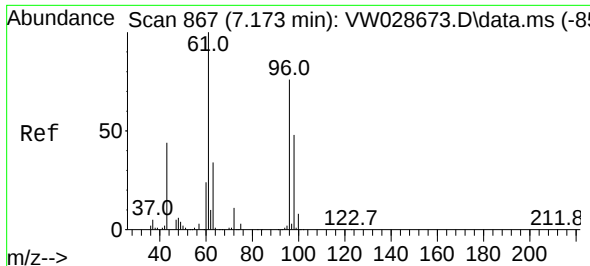
Tgt Ion: 63 Resp: 248397
Ion Ratio Lower Upper
63 100
65 30.7 22.9 42.5
83 13.5 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 28.516 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW028700.D
Acq: 23 May 2024 11:41

Tgt Ion: 96 Resp: 135765
Ion Ratio Lower Upper
96 100
61 141.9 102.8 191.0
98 65.4 44.3 82.3

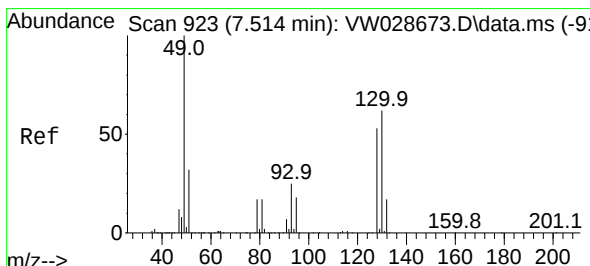
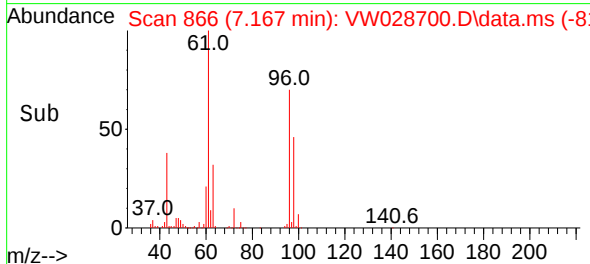
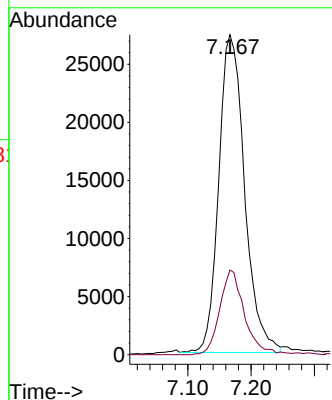
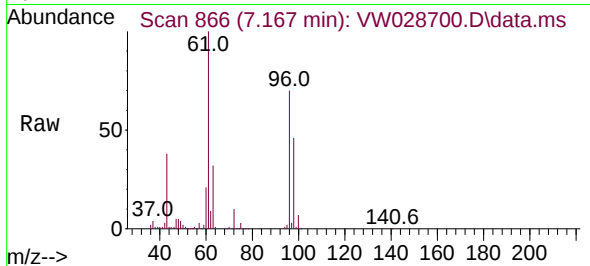




#22
2-Butanone
Concen: 42.186 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW028700.D
Acq: 23 May 2024 11:41

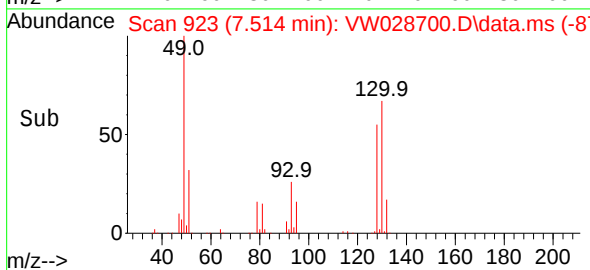
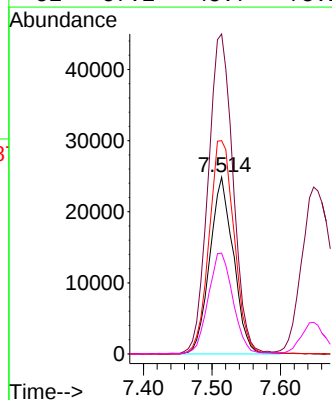
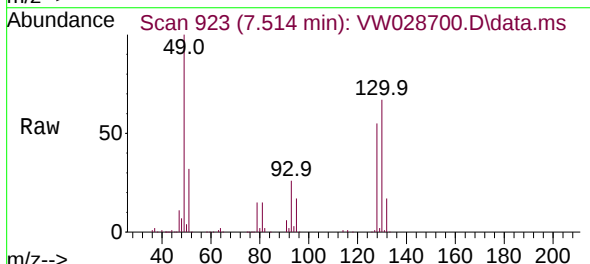
Instrument :
MSVOA_W
ClientSampleId :

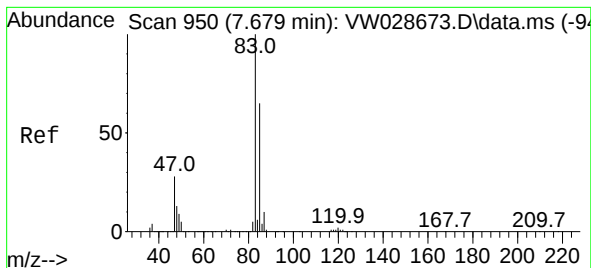
Tgt Ion: 43 Resp: 77483
Ion Ratio Lower Upper
43 100
72 24.9 12.2 36.6



#23
Bromochloromethane
Concen: 28.657 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW028700.D
Acq: 23 May 2024 11:41

Tgt Ion: 128 Resp: 59515
Ion Ratio Lower Upper
128 100
49 181.1 139.6 259.2
130 120.7 91.2 169.4
51 57.1 48.7 73.1





#25

Chloroform

Concen: 28.616 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW028700.D

Acq: 23 May 2024 11:41

Instrument :

MSVOA_W

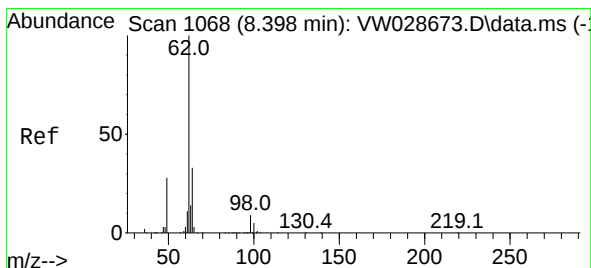
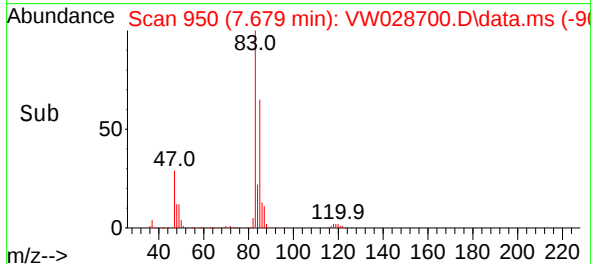
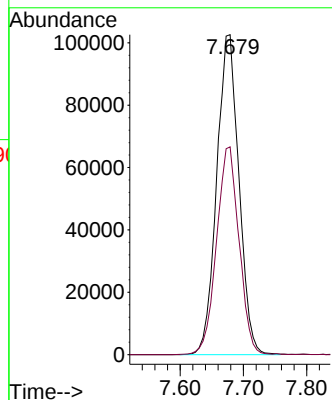
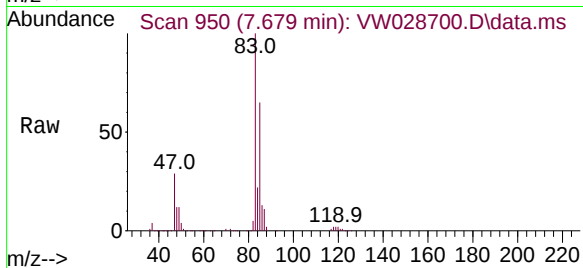
ClientSampleId :

Tgt Ion: 83 Resp: 249692

Ion Ratio Lower Upper

83 100

85 64.9 43.4 80.6



#27

1,2-Dichloroethane

Concen: 27.008 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028700.D

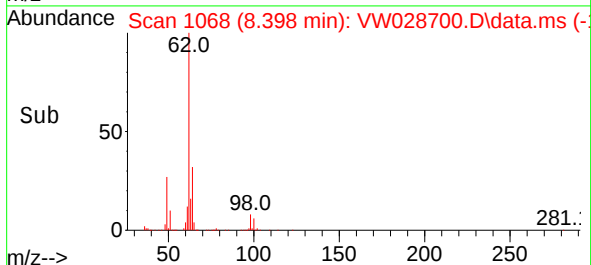
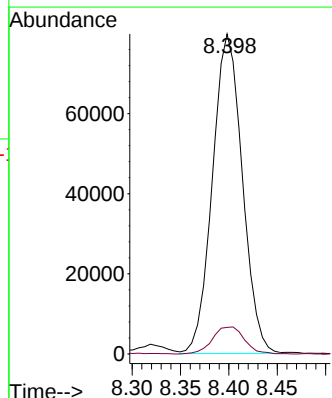
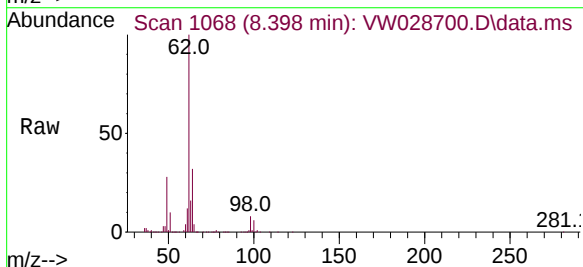
Acq: 23 May 2024 11:41

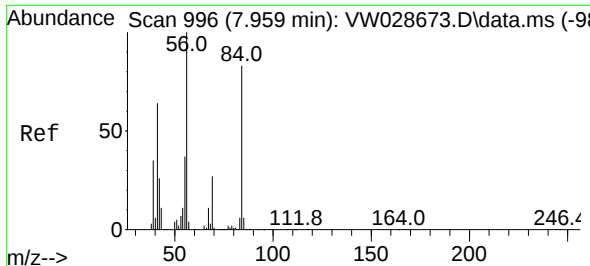
Tgt Ion: 62 Resp: 171307

Ion Ratio Lower Upper

62 100

98 8.3 7.0 10.6





#29

Cyclohexane

Concen: 24.875 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

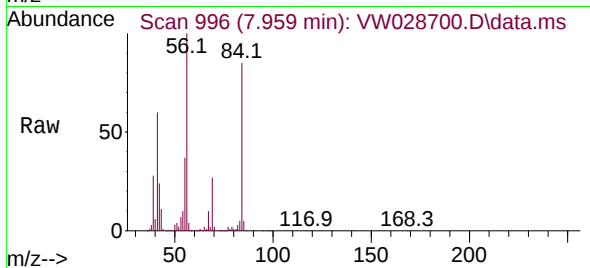
Lab File: VW028700.D

Acq: 23 May 2024 11:41

Instrument :

MSVOA_W

ClientSampleId :



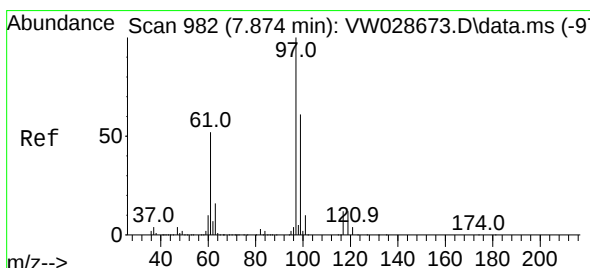
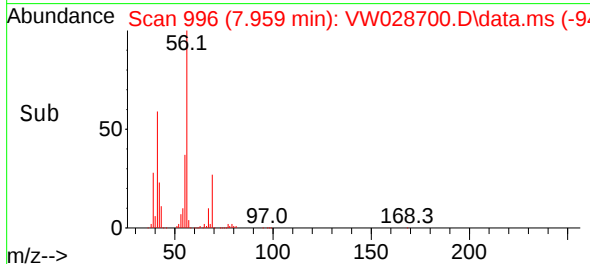
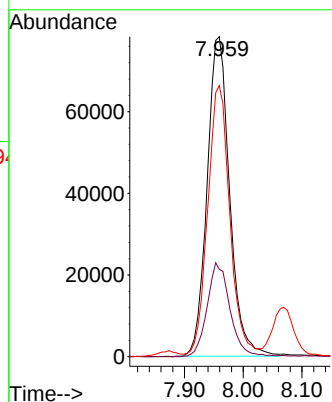
Tgt Ion: 56 Resp: 208488

Ion Ratio Lower Upper

56 100

69 29.8 23.4 35.0

84 83.6 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 26.136 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028700.D

Acq: 23 May 2024 11:41

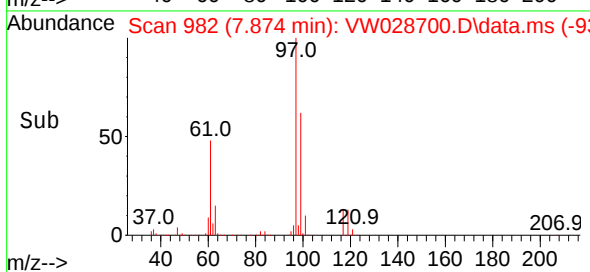
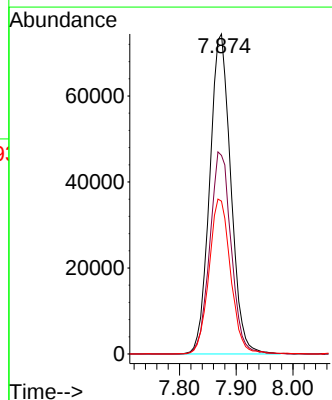
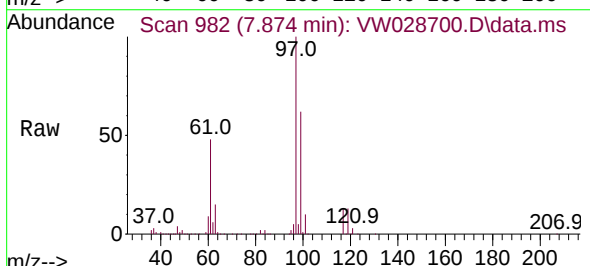
Tgt Ion: 97 Resp: 192531

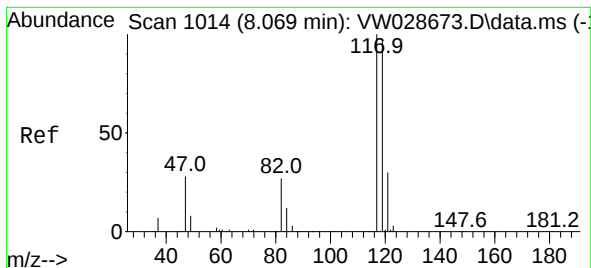
Ion Ratio Lower Upper

97 100

99 63.9 50.9 76.3

61 49.4 41.0 61.6





#31

Carbon tetrachloride

Concen: 26.078 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW028700.D

Acq: 23 May 2024 11:41

Instrument :

MSVOA_W

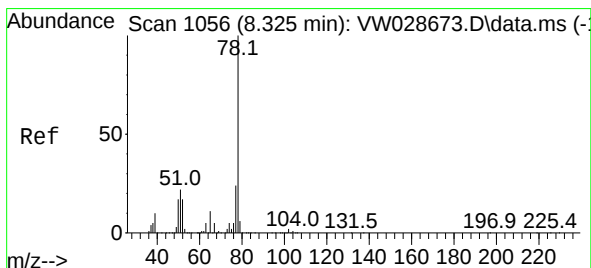
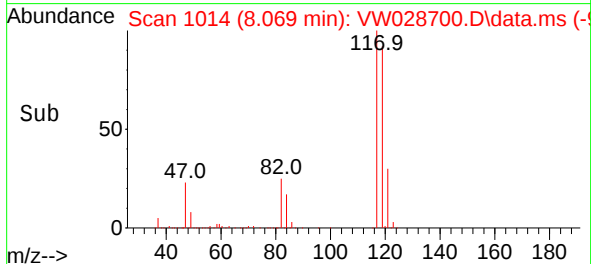
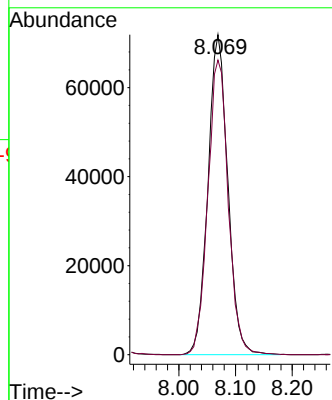
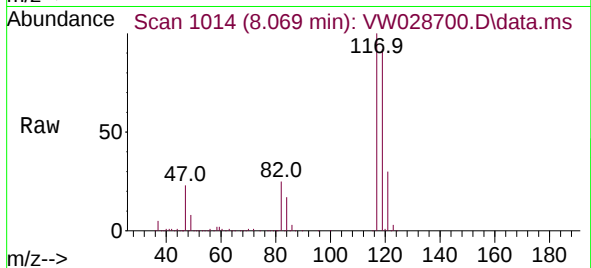
ClientSampleId :

Tgt Ion:117 Resp: 175153

Ion Ratio Lower Upper

117 100

119 94.6 77.2 115.8



#33

Benzene

Concen: 28.227 ug/L

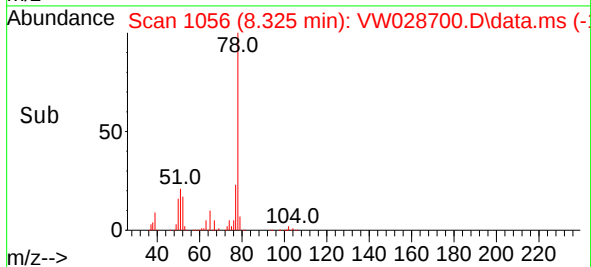
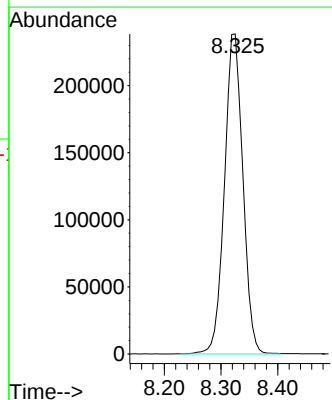
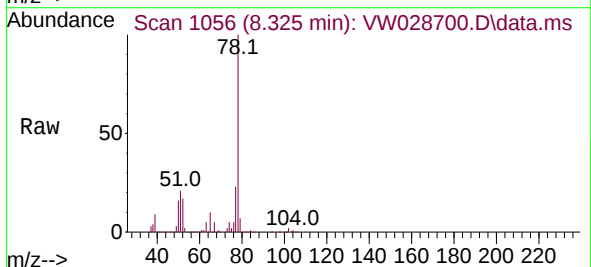
RT: 8.325 min Scan# 1056

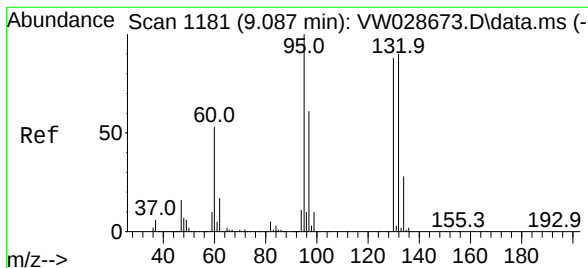
Delta R.T. -0.000 min

Lab File: VW028700.D

Acq: 23 May 2024 11:41

Tgt Ion: 78 Resp: 538060





#34

Trichloroethene

Concen: 26.932 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

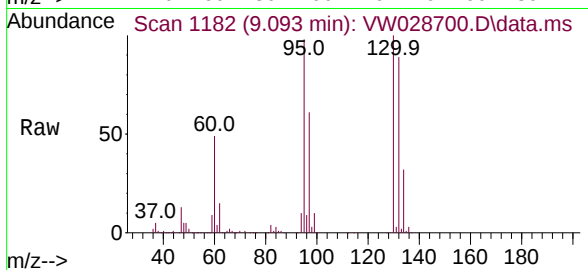
Lab File: VW028700.D

Acq: 23 May 2024 11:41

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 137643

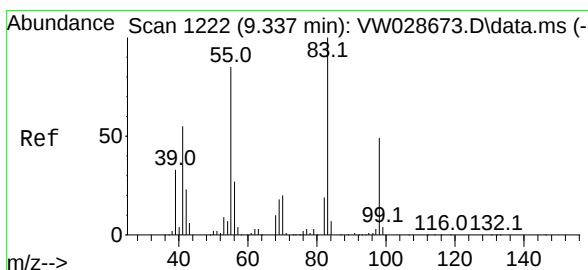
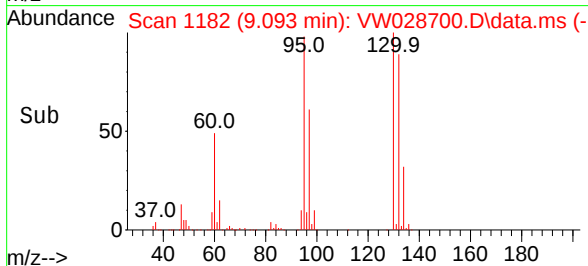
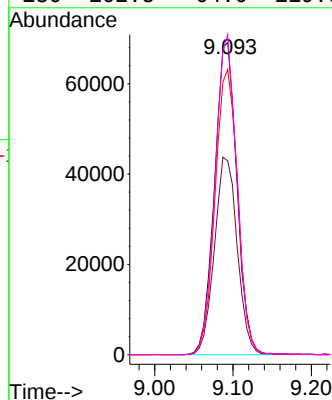
Ion Ratio Lower Upper

95 100

97 62.1 44.9 83.3

132 91.3 59.7 110.9

130 102.5 64.0 119.0



#35

Methylcyclohexane

Concen: 25.767 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028700.D

Acq: 23 May 2024 11:41

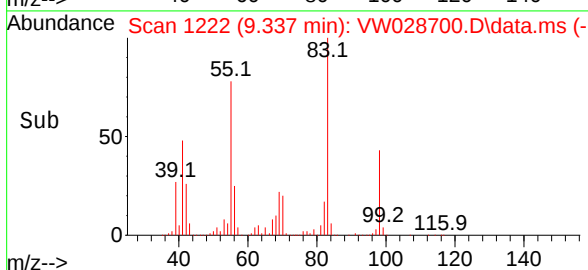
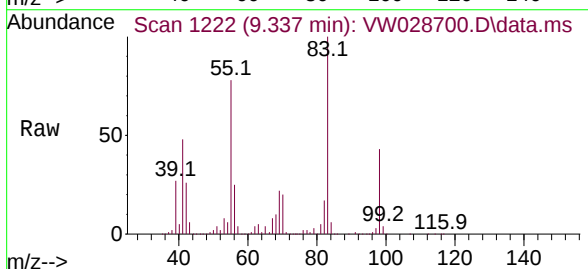
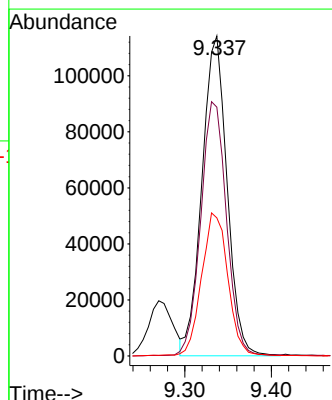
Tgt Ion: 83 Resp: 230141

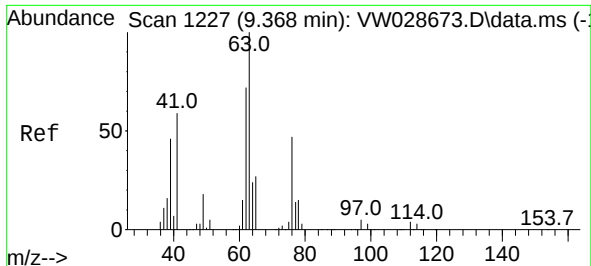
Ion Ratio Lower Upper

83 100

55 81.8 66.9 100.3

98 46.7 37.9 56.9





#37

1,2-Dichloropropane

Concen: 28.691 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028700.D

Acq: 23 May 2024 11:41

Instrument :

MSVOA_W

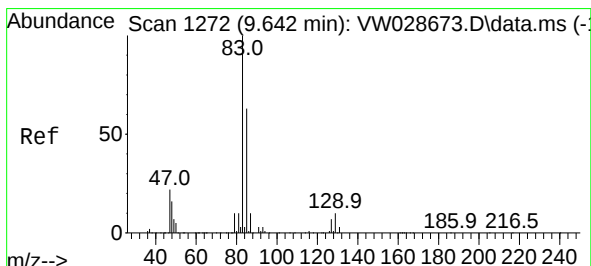
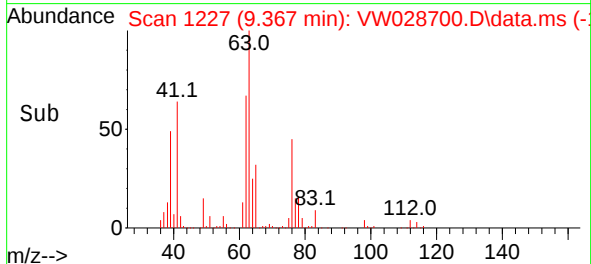
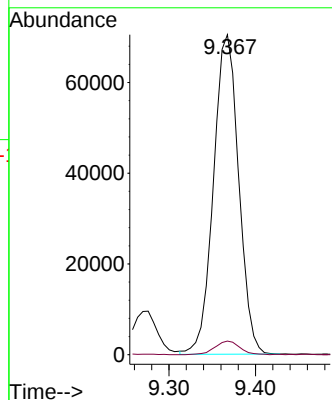
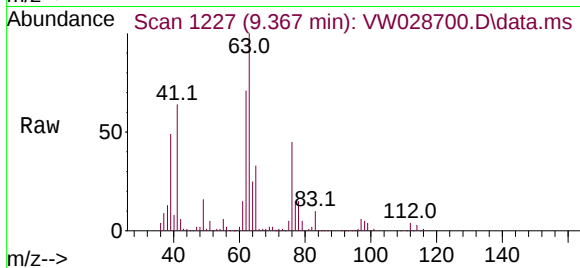
ClientSampleId :

Tgt Ion: 63 Resp: 142513

Ion Ratio Lower Upper

63 100

112 4.2 3.5 5.3



#38

Bromodichloromethane

Concen: 28.957 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028700.D

Acq: 23 May 2024 11:41

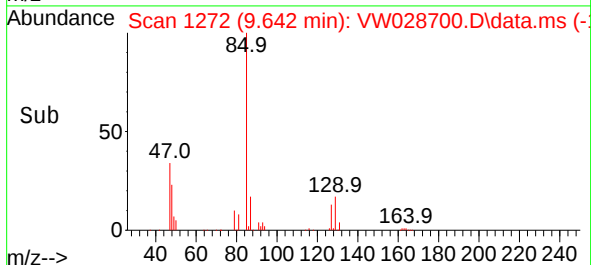
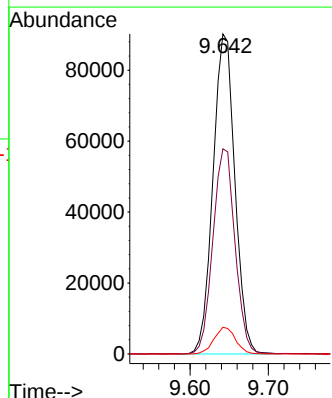
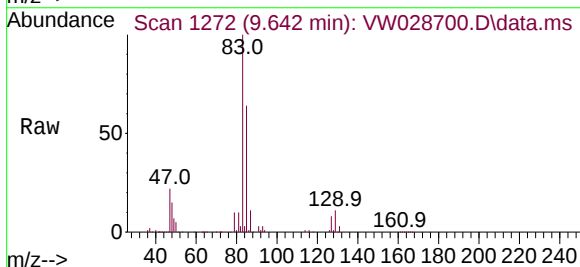
Tgt Ion: 83 Resp: 175335

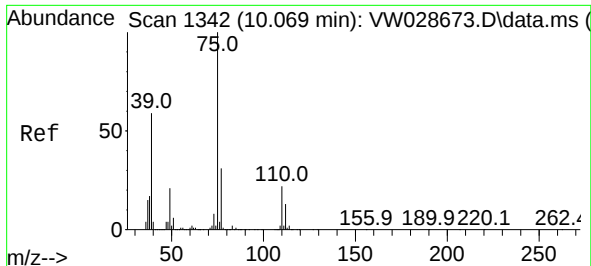
Ion Ratio Lower Upper

83 100

85 64.1 43.0 80.0

127 8.3 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 29.439 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

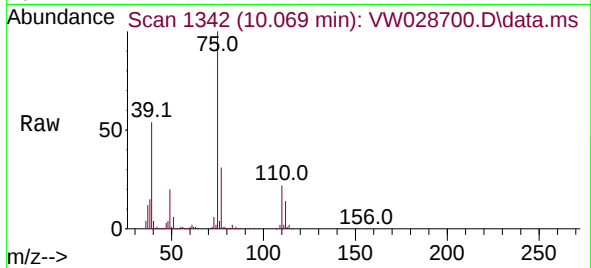
Lab File: VW028700.D

Acq: 23 May 2024 11:41

Instrument :

MSVOA_W

ClientSampleId :

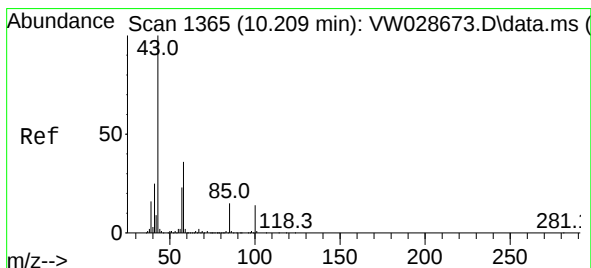
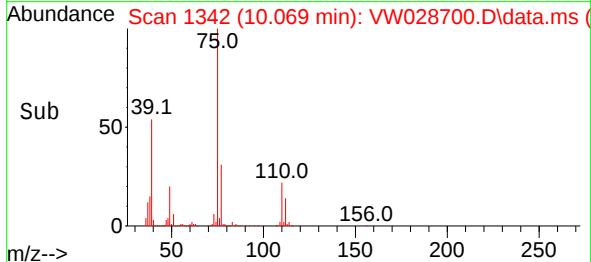
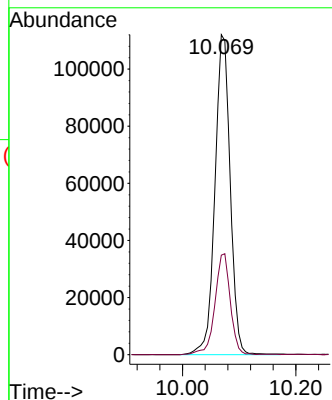


Tgt Ion: 75 Resp: 209584

Ion Ratio Lower Upper

75 100

77 31.1 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 50.306 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028700.D

Acq: 23 May 2024 11:41

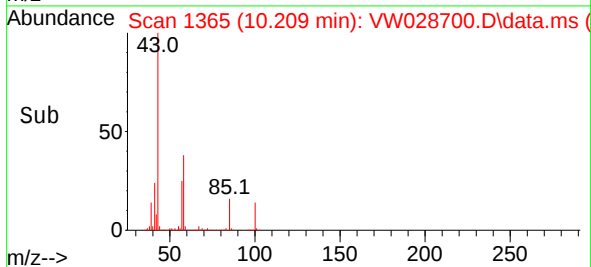
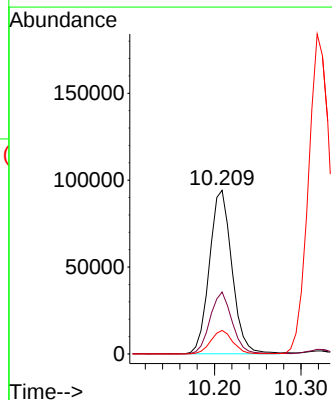
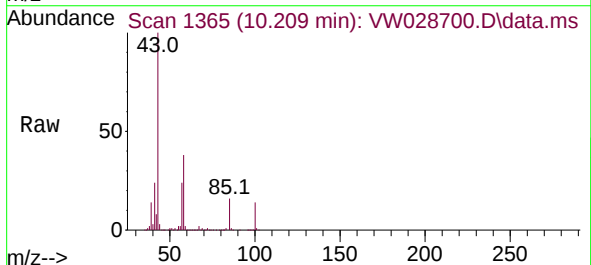
Tgt Ion: 43 Resp: 170066

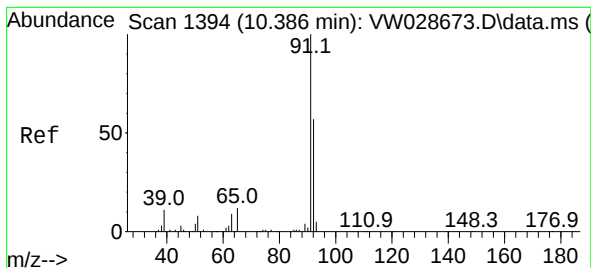
Ion Ratio Lower Upper

43 100

58 37.1 29.2 43.8

100 14.1 11.0 16.4





#42

Toluene

Concen: 28.761 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028700.D

Acq: 23 May 2024 11:41

Instrument :

MSVOA_W

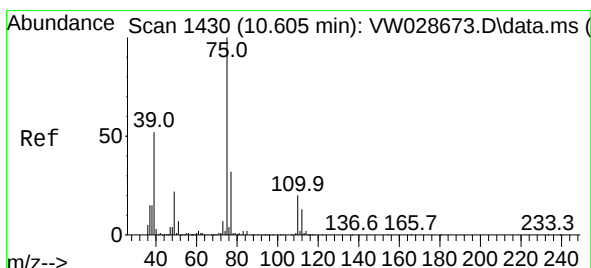
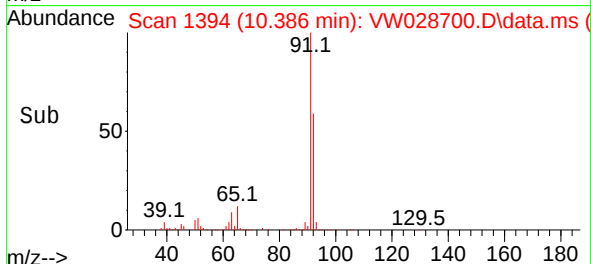
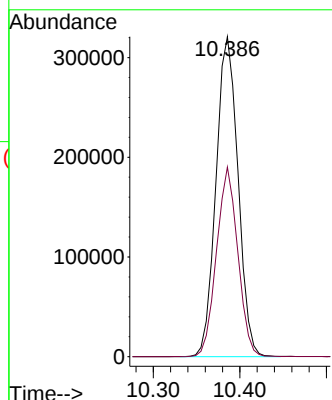
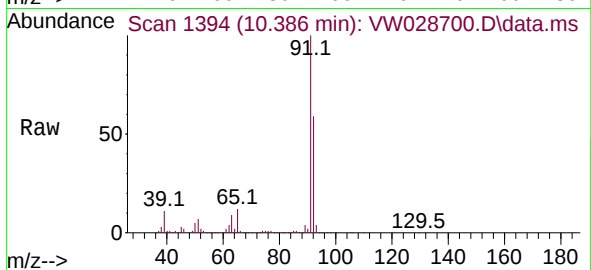
ClientSampleId :

Tgt Ion: 91 Resp: 566260

Ion Ratio Lower Upper

91 100

92 59.3 42.5 78.9



#44

trans-1,3-Dichloropropene

Concen: 28.840 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028700.D

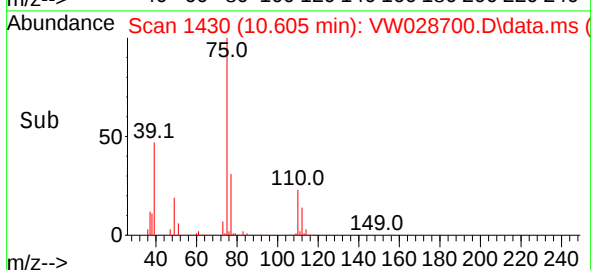
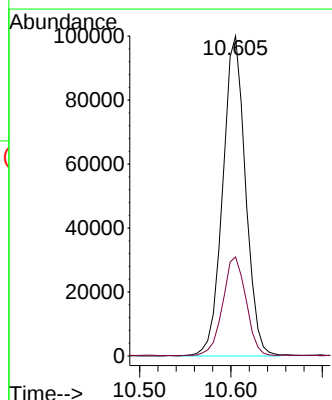
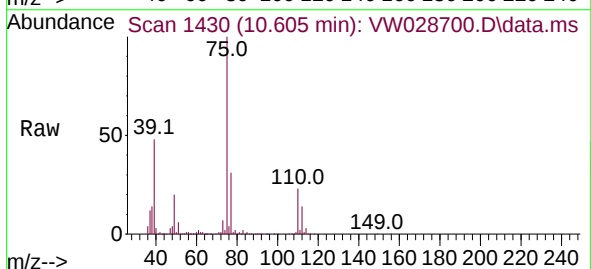
Acq: 23 May 2024 11:41

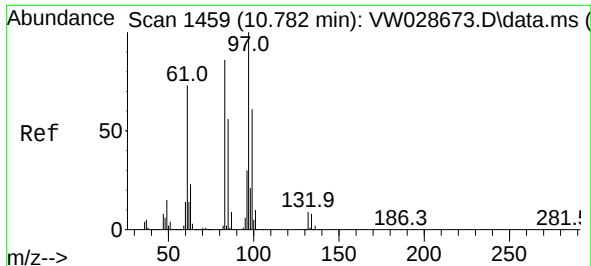
Tgt Ion: 75 Resp: 173120

Ion Ratio Lower Upper

75 100

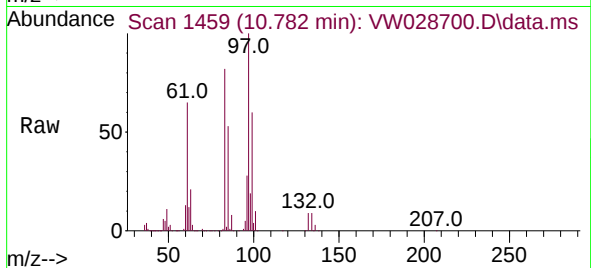
77 30.9 22.5 41.9



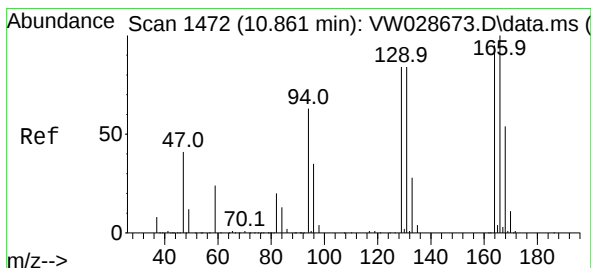
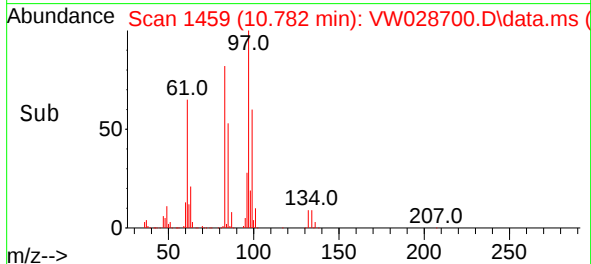
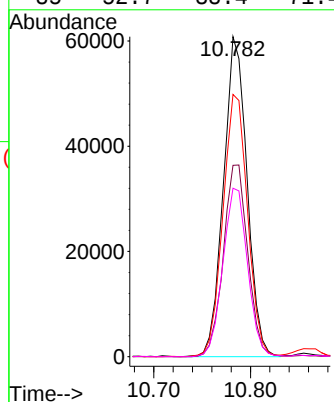


#45
1,1,2-Trichloroethane
Concen: 28.624 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW028700.D
Acq: 23 May 2024 11:41

Instrument :
MSVOA_W
ClientSampleId :

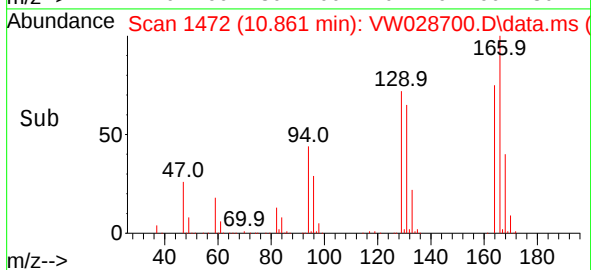
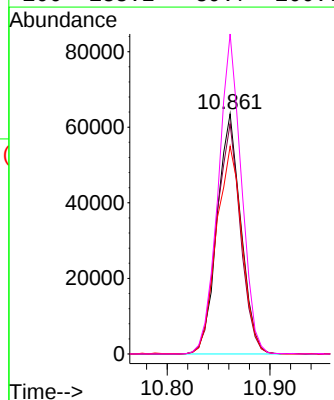
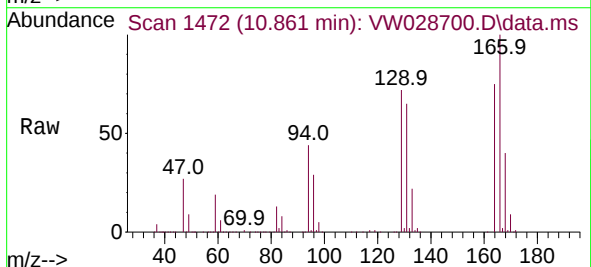


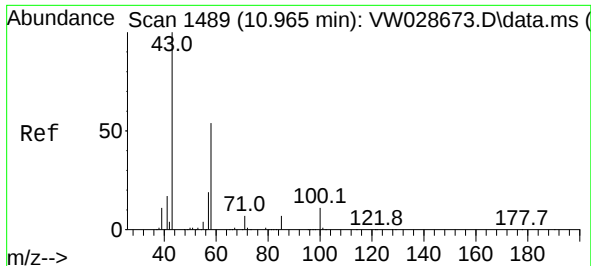
Tgt Ion:	97	Resp:	102996
Ion	Ratio	Lower	Upper
97	100		
99	59.8	41.9	77.9
83	81.9	62.1	115.3
85	52.7	38.4	71.4



#46
Tetrachloroethene
Concen: 27.731 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW028700.D
Acq: 23 May 2024 11:41

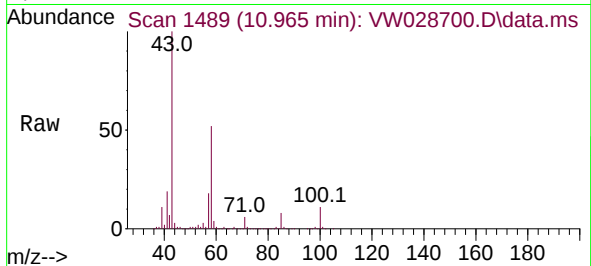
Tgt Ion:	164	Resp:	102112
Ion	Ratio	Lower	Upper
164	100		
129	95.8	69.2	128.6
131	86.5	67.7	125.7
166	133.2	89.7	166.7



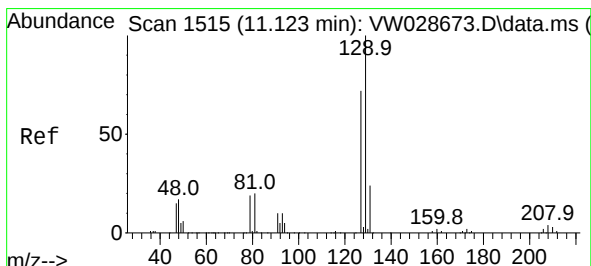
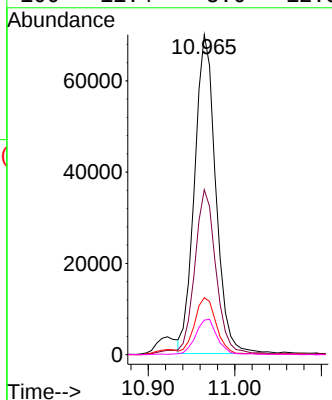
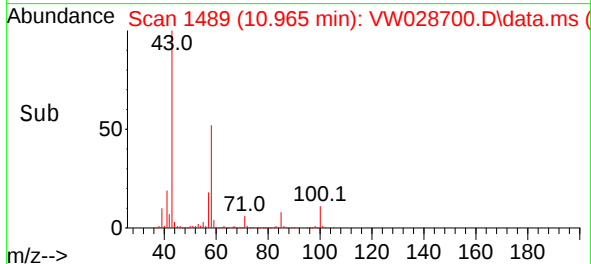


#48
2-Hexanone
Concen: 49.870 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028700.D
Acq: 23 May 2024 11:41

Instrument :
MSVOA_W
ClientSampleId :

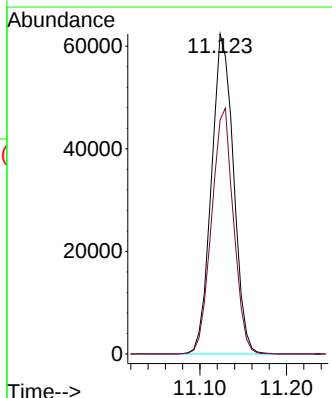
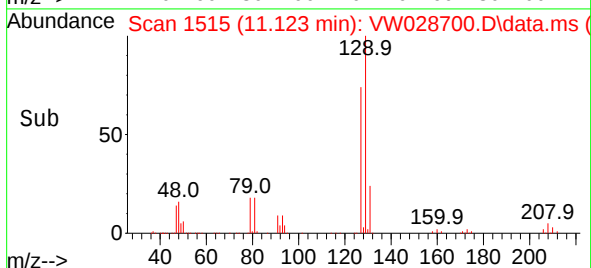
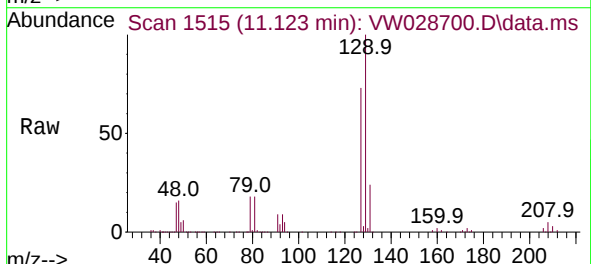


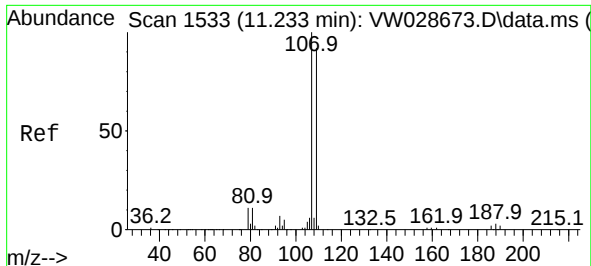
Tgt Ion: 43 Resp: 119024
Ion Ratio Lower Upper
43 100
58 49.9 41.0 61.4
57 18.8 14.8 22.2
100 11.4 8.6 12.8



#49
Dibromochloromethane
Concen: 30.605 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW028700.D
Acq: 23 May 2024 11:41

Tgt Ion: 129 Resp: 110457
Ion Ratio Lower Upper
129 100
127 73.1 54.3 100.8

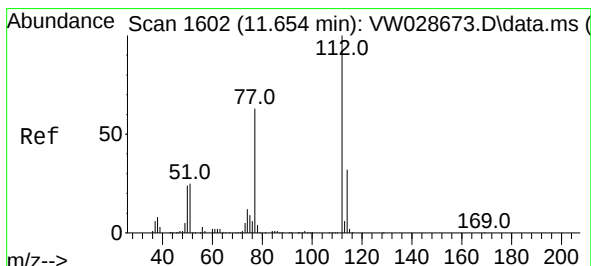
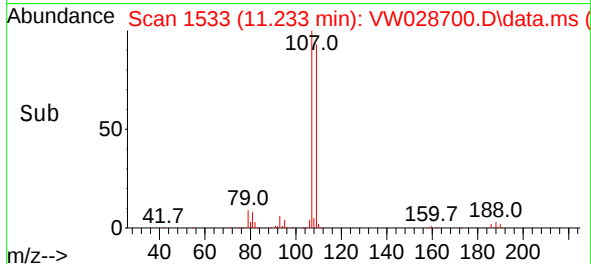
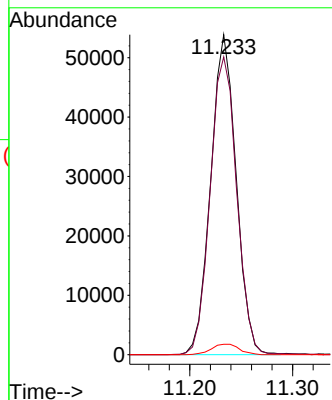
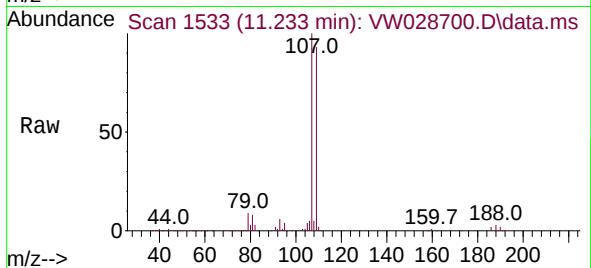




#50
1,2-Dibromoethane
Concen: 27.509 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW028700.D
Acq: 23 May 2024 11:41

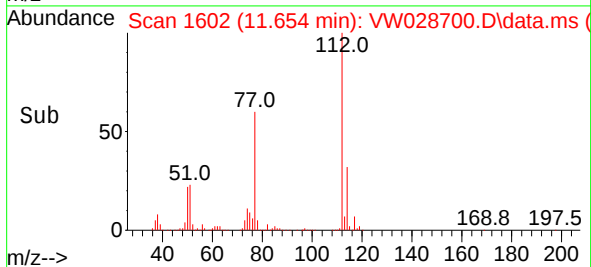
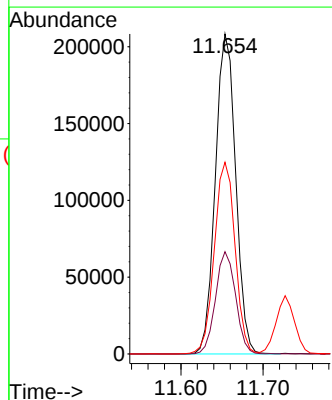
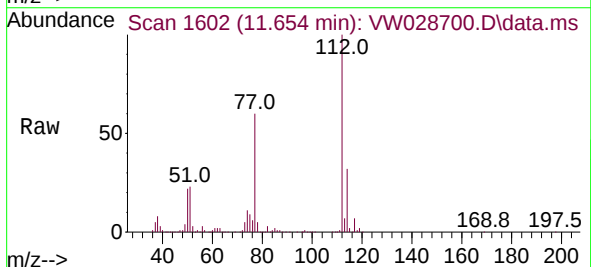
Instrument :
MSVOA_W
ClientSampleId :

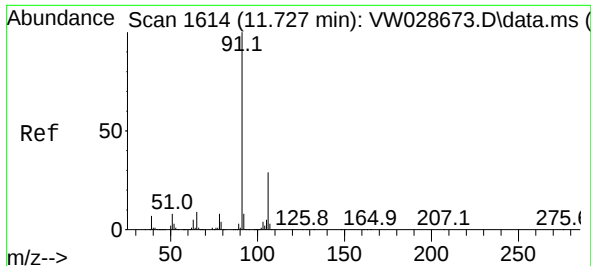
Tgt Ion:107 Resp: 92722
Ion Ratio Lower Upper
107 100
109 93.1 64.2 119.2
188 3.3 3.1 4.7



#51
Chlorobenzene
Concen: 29.404 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW028700.D
Acq: 23 May 2024 11:41

Tgt Ion:112 Resp: 358099
Ion Ratio Lower Upper
112 100
114 32.0 22.2 41.2
77 59.9 50.8 76.2





#52

Ethylbenzene

Concen: 28.976 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028700.D

Acq: 23 May 2024 11:41

Instrument :

MSVOA_W

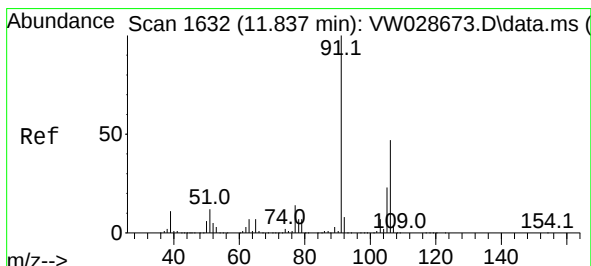
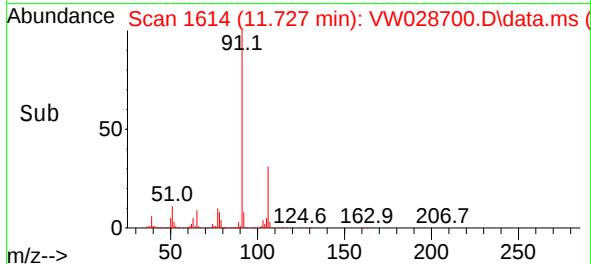
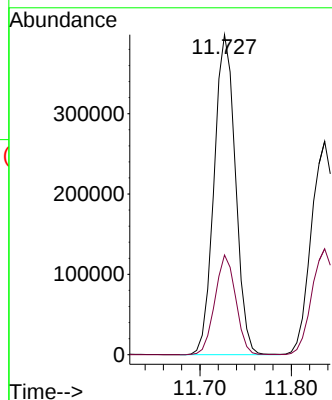
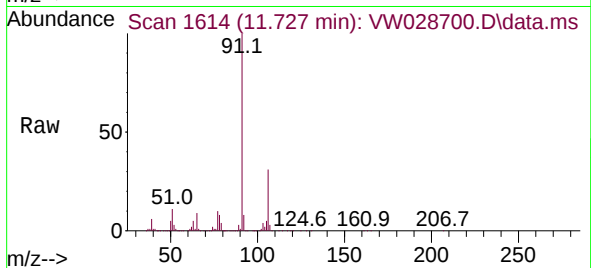
ClientSampleId :

Tgt Ion: 91 Resp: 645607

Ion Ratio Lower Upper

91 100

106 31.2 22.7 42.1



#53

m,p-Xylene

Concen: 29.697 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028700.D

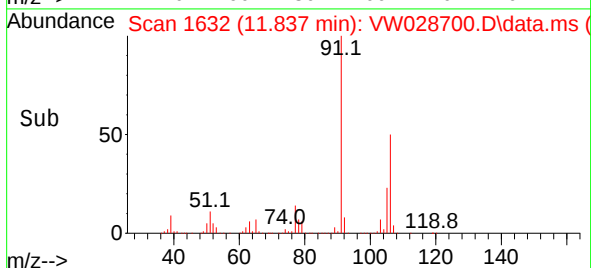
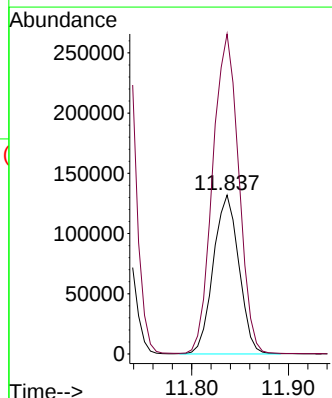
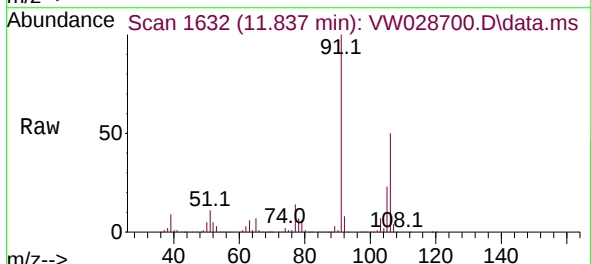
Acq: 23 May 2024 11:41

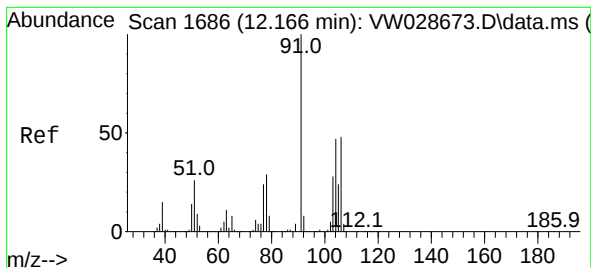
Tgt Ion:106 Resp: 242541

Ion Ratio Lower Upper

106 100

91 201.5 146.6 272.2





#54

o-Xylene

Concen: 30.336 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028700.D

Acq: 23 May 2024 11:41

Instrument :

MSVOA_W

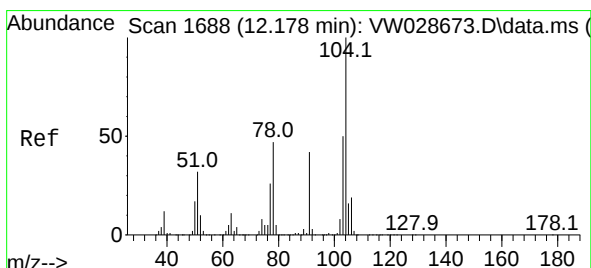
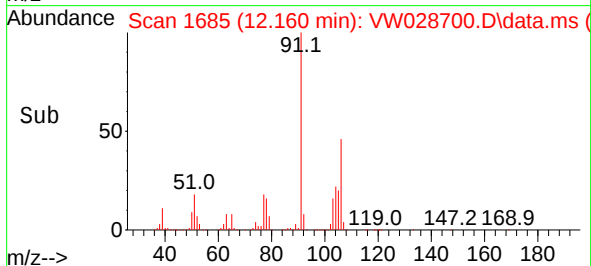
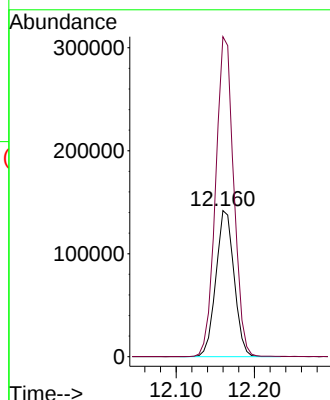
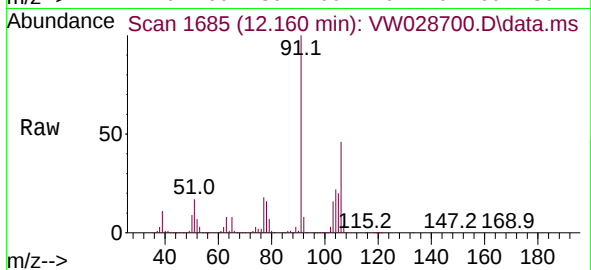
ClientSampleId :

Tgt Ion:106 Resp: 229212

Ion Ratio Lower Upper

106 100

91 219.0 154.3 286.5



#55

Styrene

Concen: 31.764 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028700.D

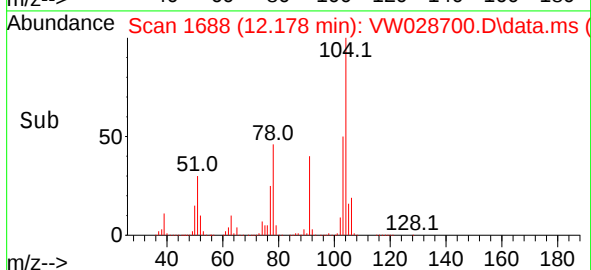
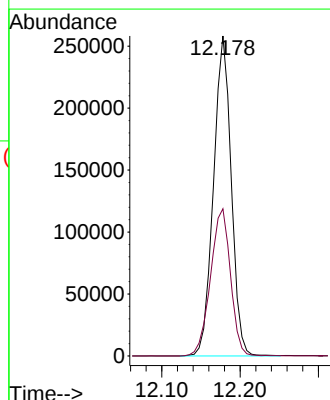
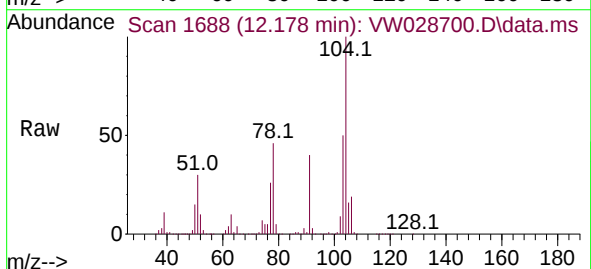
Acq: 23 May 2024 11:41

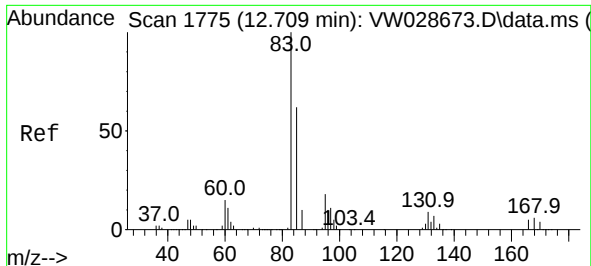
Tgt Ion:104 Resp: 406664

Ion Ratio Lower Upper

104 100

78 46.0 34.1 63.3





#57

1,1,2,2-Tetrachloroethane

Concen: 26.900 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028700.D

Acq: 23 May 2024 11:41

Instrument :

MSVOA_W

ClientSampleId :

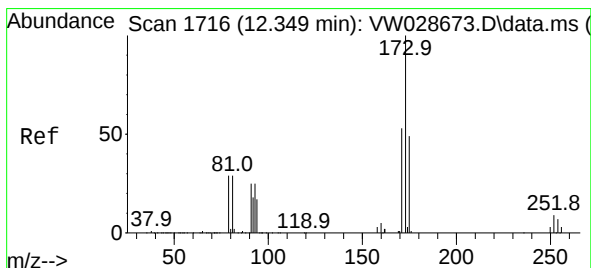
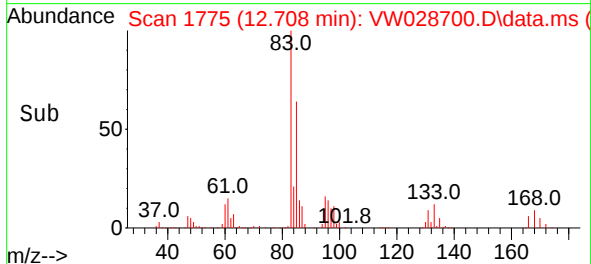
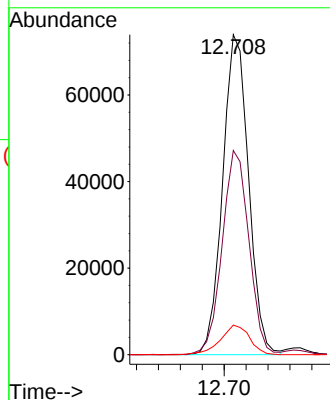
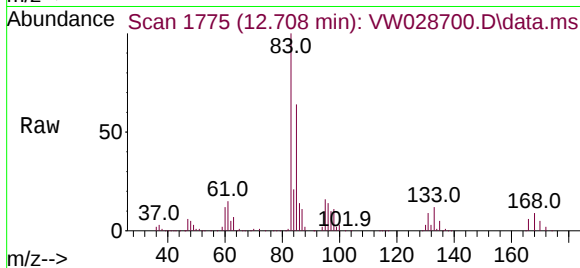
Tgt Ion: 83 Resp: 121437

Ion Ratio Lower Upper

83 100

85 63.8 45.6 84.6

131 9.2 7.3 10.9



#59

Bromoform

Concen: 29.793 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW028700.D

Acq: 23 May 2024 11:41

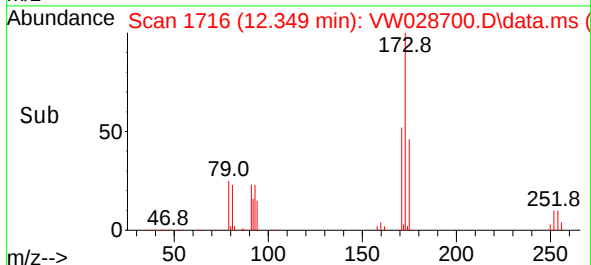
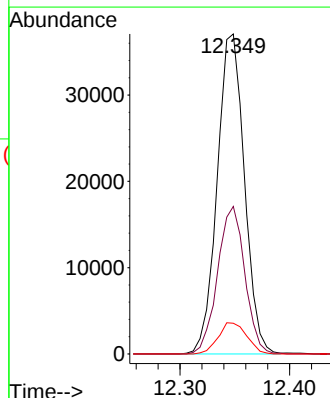
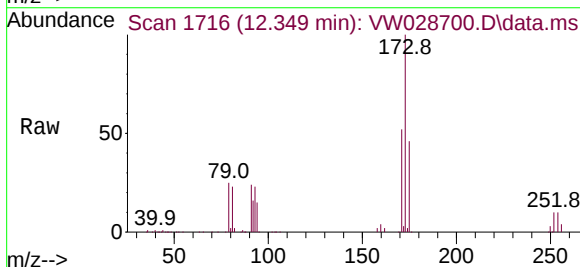
Tgt Ion:173 Resp: 64025

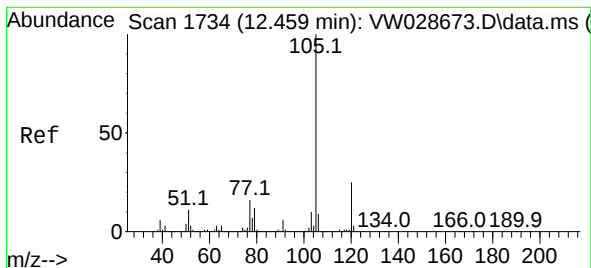
Ion Ratio Lower Upper

173 100

175 46.1 39.8 59.8

254 10.2 7.1 10.7





#60

Isopropylbenzene

Concen: 28.064 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

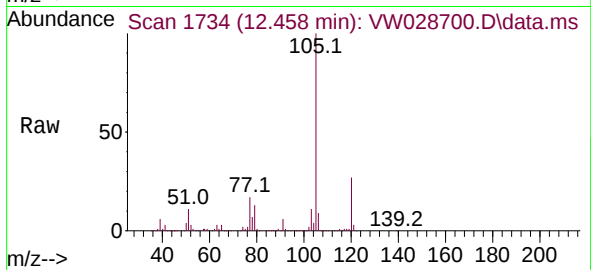
Lab File: VW028700.D

Acq: 23 May 2024 11:41

Instrument :

MSVOA_W

ClientSampleId :



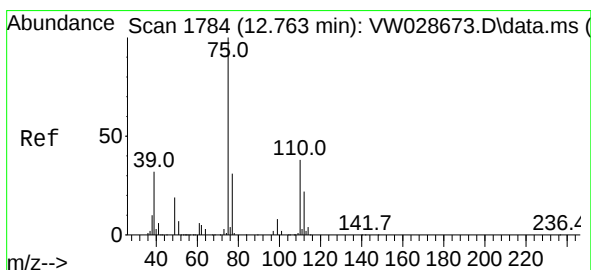
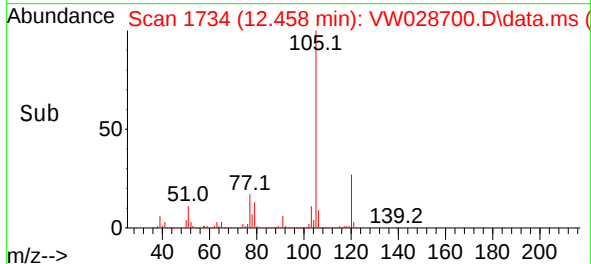
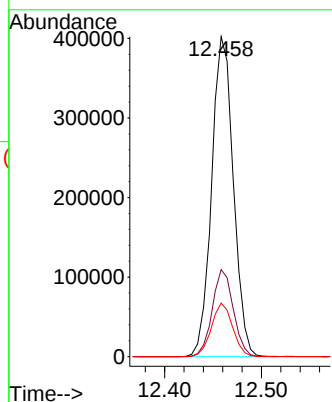
Tgt Ion:105 Resp: 627184

Ion Ratio Lower Upper

105 100

120 26.4 20.5 30.7

77 16.4 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 25.153 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028700.D

Acq: 23 May 2024 11:41

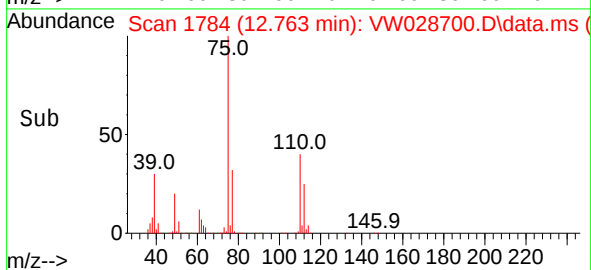
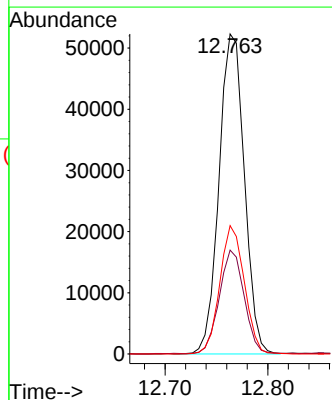
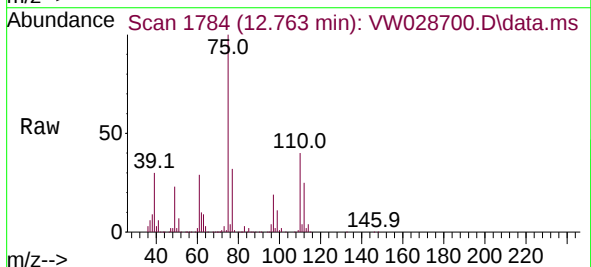
Tgt Ion: 75 Resp: 89544

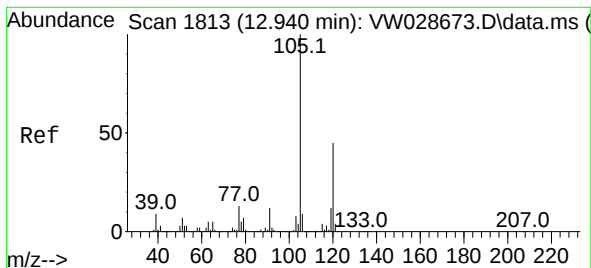
Ion Ratio Lower Upper

75 100

77 32.1 25.9 38.9

110 38.8 30.6 45.8

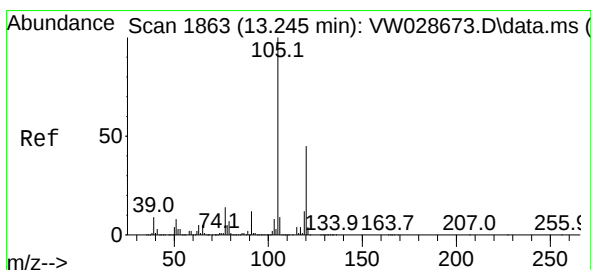
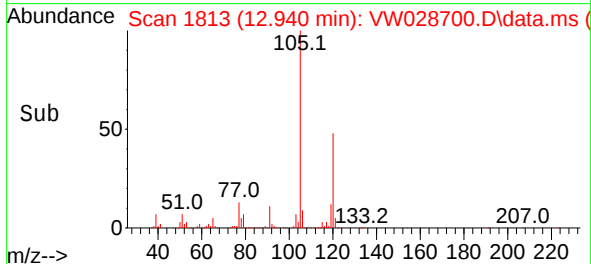
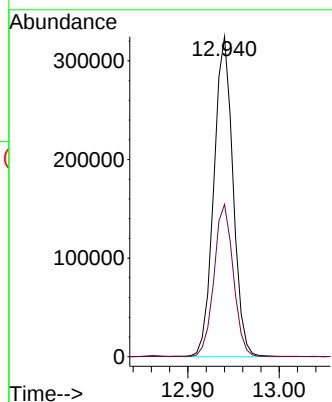
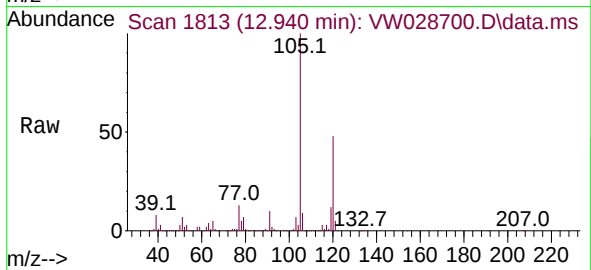




#62
1,3,5-Trimethylbenzene
Concen: 29.856 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028700.D
Acq: 23 May 2024 11:41

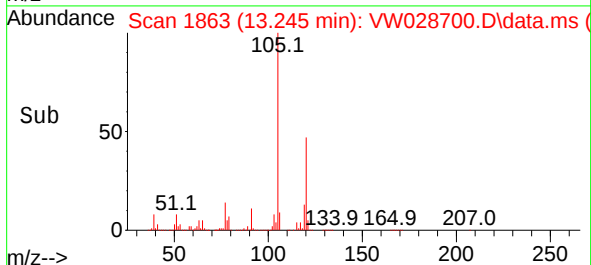
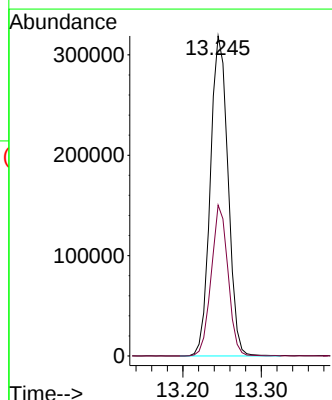
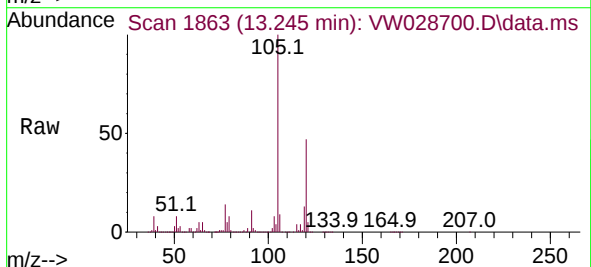
Instrument :
MSVOA_W
ClientSampleId :

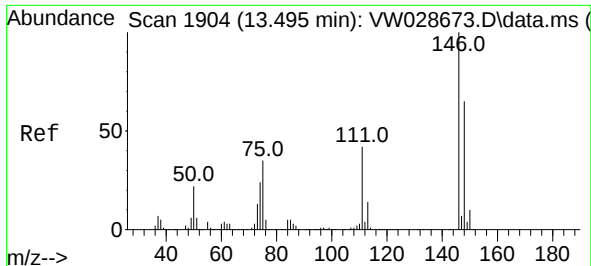
Tgt Ion:105 Resp: 472073
Ion Ratio Lower Upper
105 100
120 48.1 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 29.339 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028700.D
Acq: 23 May 2024 11:41

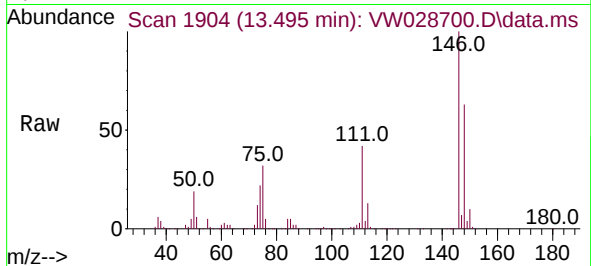
Tgt Ion:105 Resp: 499833
Ion Ratio Lower Upper
105 100
120 44.7 34.1 51.1



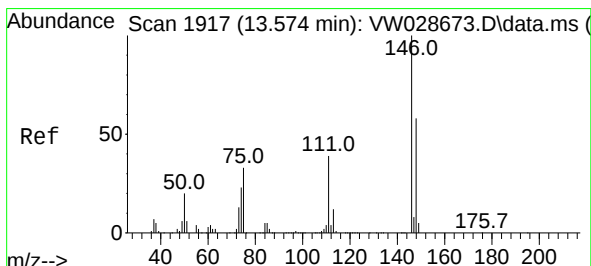
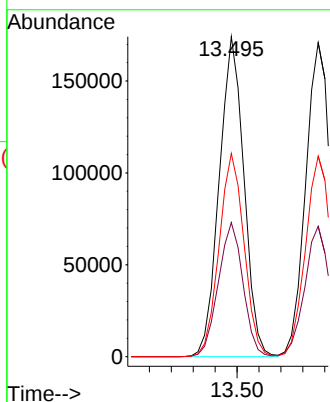
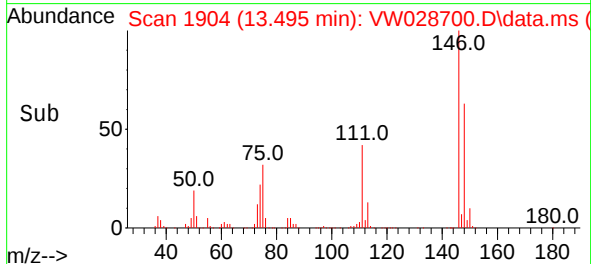


#64
1,3-Dichlorobenzene
Concen: 29.353 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028700.D
Acq: 23 May 2024 11:41

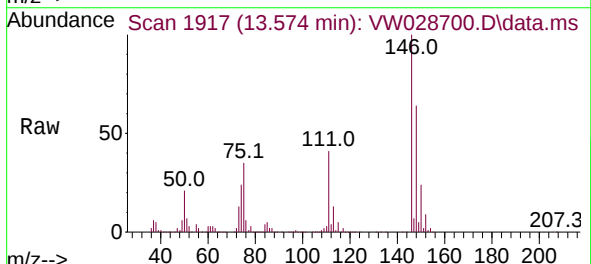
Instrument :
MSVOA_W
ClientSampleId :



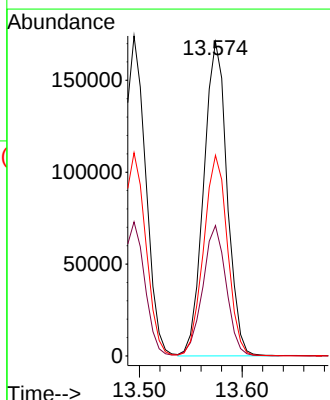
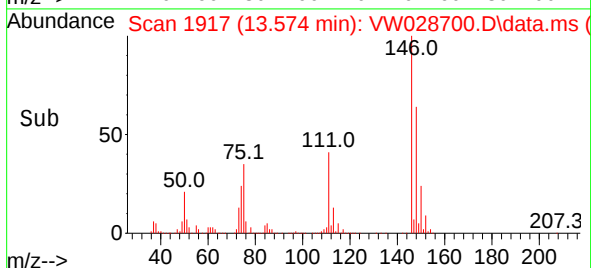
Tgt Ion:146 Resp: 272890
Ion Ratio Lower Upper
146 100
111 41.9 30.7 57.1
148 63.5 47.0 87.2

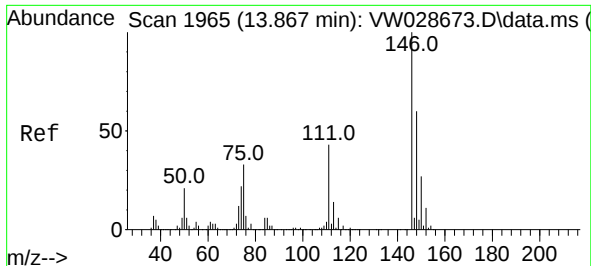


#65
1,4-Dichlorobenzene
Concen: 28.526 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028700.D
Acq: 23 May 2024 11:41



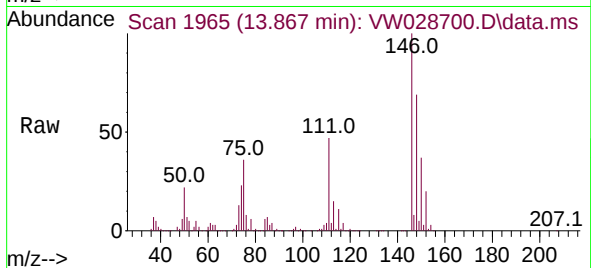
Tgt Ion:146 Resp: 271130
Ion Ratio Lower Upper
146 100
111 41.5 29.1 54.1
148 63.9 41.2 76.6



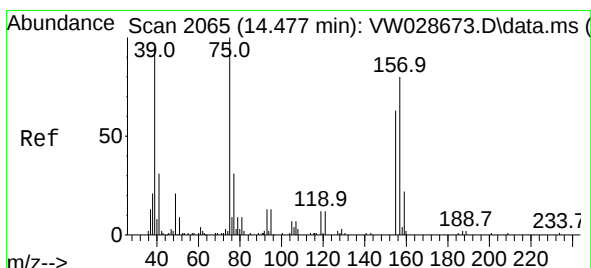
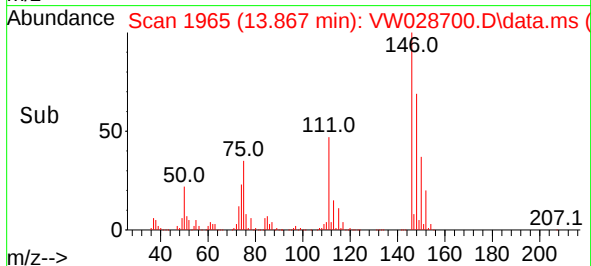
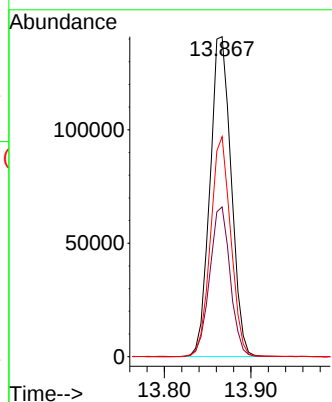


#67
1,2-Dichlorobenzene
Concen: 28.832 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW028700.D
Acq: 23 May 2024 11:41

Instrument :
MSVOA_W
ClientSampleId :

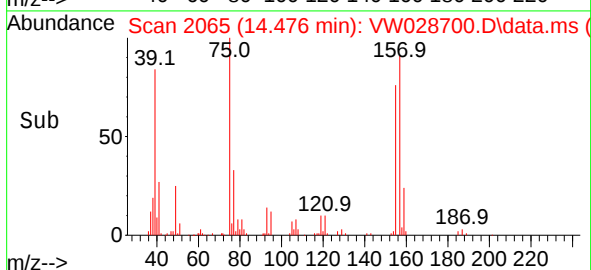
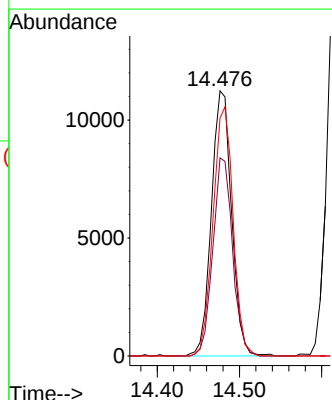
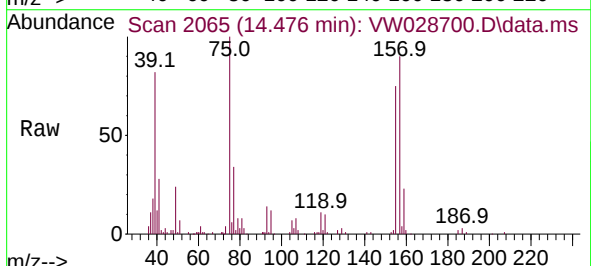


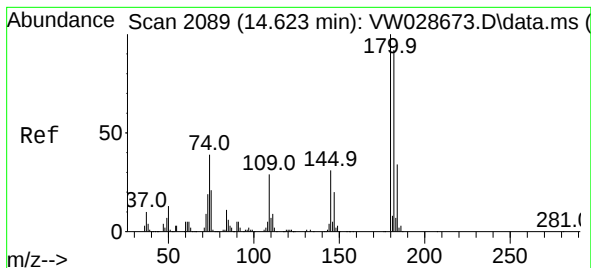
Tgt Ion:146 Resp: 239911
Ion Ratio Lower Upper
146 100
111 46.8 34.7 52.1
148 68.7 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 23.001 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW028700.D
Acq: 23 May 2024 11:41

Tgt Ion: 75 Resp: 19145
Ion Ratio Lower Upper
75 100
155 74.7 55.1 82.7
157 89.8 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 28.147 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

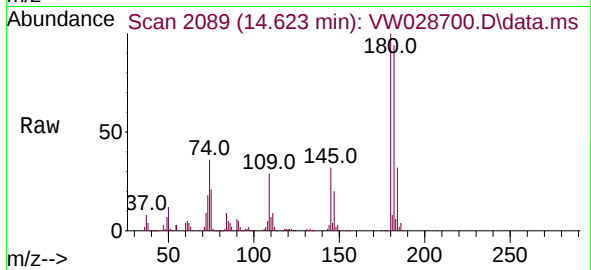
Lab File: VW028700.D

Acq: 23 May 2024 11:41

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 175596

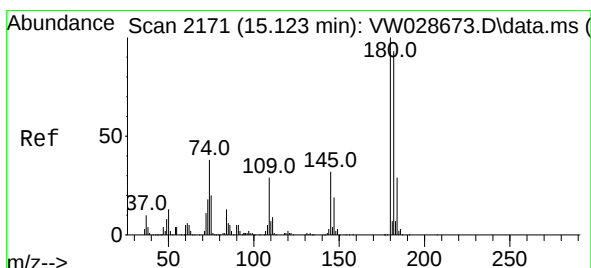
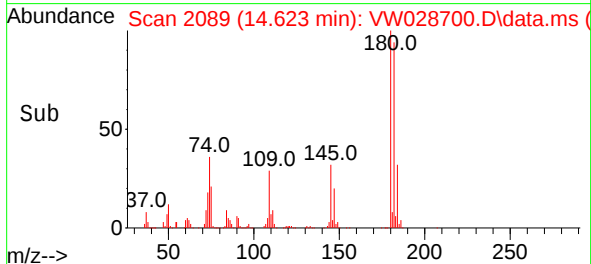
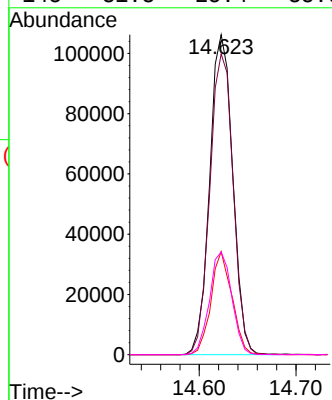
Ion Ratio Lower Upper

180 100

182 95.2 75.4 113.2

184 29.4 24.0 36.0

145 31.3 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 29.339 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028700.D

Acq: 23 May 2024 11:41

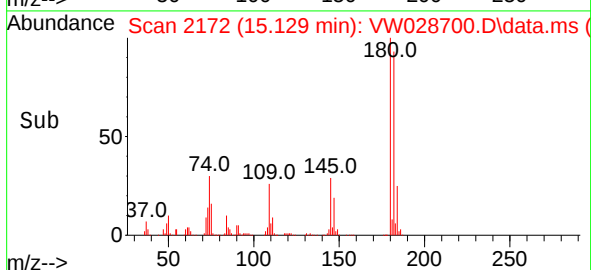
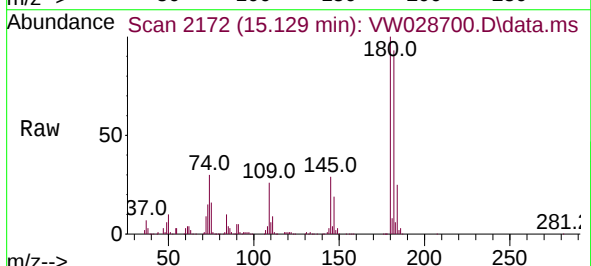
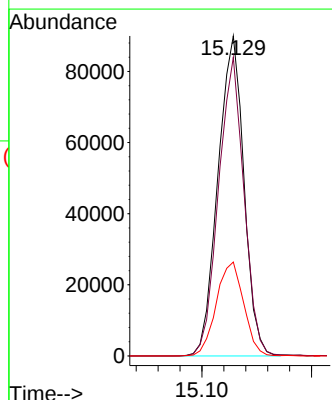
Tgt Ion:180 Resp: 147887

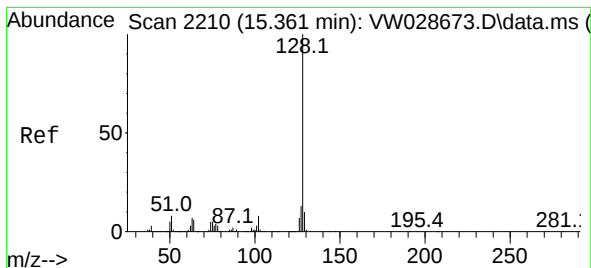
Ion Ratio Lower Upper

180 100

182 91.4 77.2 115.8

145 31.0 26.6 39.8





#71

Naphthalene

Concen: 27.079 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW028700.D

Acq: 23 May 2024 11:41

Instrument :

MSVOA_W

ClientSampleId :

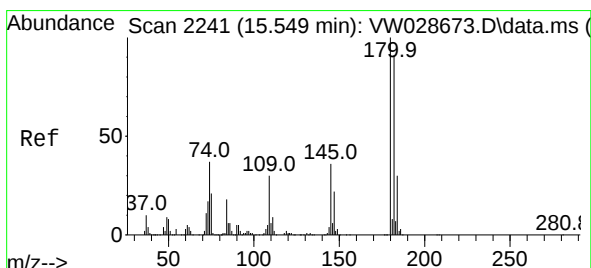
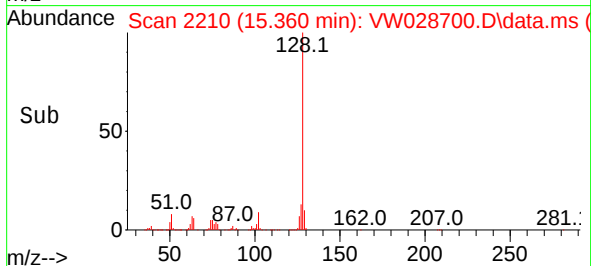
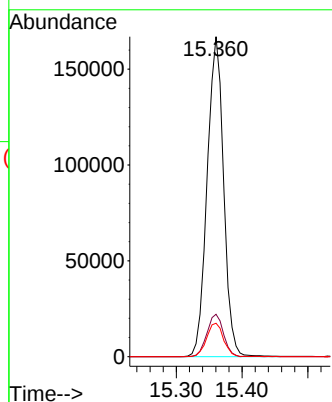
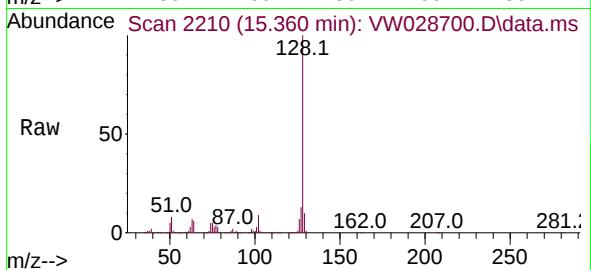
Tgt Ion:128 Resp: 290819

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 29.626 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW028700.D

Acq: 23 May 2024 11:41

Tgt Ion:180 Resp: 134753

Ion Ratio Lower Upper

180 100

182 94.6 76.1 114.1

145 32.0 28.3 42.5

