

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052224\
 Data File : VW028673.D
 Acq On : 22 May 2024 08:41
 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 23 00:16:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 22 01:14:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	235411	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	215446	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	111661	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	83545	18.689	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.760%
7) Chloroethane-d5	2.899	69	74158	21.665	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.680%
11) 1,1-Dichloroethene-d2	4.027	65	35570	19.045	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.160%
21) 2-Butanone-d5	7.075	46	55249	47.372	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.740%
24) Chloroform-d	7.648	84	184746	25.116	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.480%
26) 1,2-Dichloroethane-d4	8.307	65	102312	24.295	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.160%
32) Benzene-d6	8.270	84	336625	23.418	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.680%
36) 1,2-Dichloropropane-d6	9.270	67	106125	24.535	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.160%
41) Toluene-d8	10.325	98	295078	23.180	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.720%
43) trans-1,3-Dichloroprop...	10.575	79	42352	24.340	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.360%
47) 2-Hexanone-d5	10.922	63	37406	50.141	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.280%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	91315	25.176	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.720%
66) 1,2-Dichlorobenzene-d4	13.849	152	98301	23.098	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	73522	21.491	ug/L #	84
3) Chloromethane	2.223	50	99662	23.516	ug/L	99
5) Vinyl chloride	2.375	62	117026	24.526	ug/L	98
6) Bromomethane	2.796	94	68756	24.910	ug/L	98
8) Chloroethane	2.936	64	72242	26.548	ug/L	98
9) Trichlorofluoromethane	3.271	101	96849	24.723	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	91143	25.235	ug/L	96
12) 1,1-Dichloroethene	4.045	96	80781	24.933	ug/L	89
13) Acetone	4.119	43	49850	46.985	ug/L	95
14) Carbon disulfide	4.387	76	255866	23.367	ug/L	98
15) Methyl Acetate	4.673	43	40577	21.982	ug/L	99
16) Methylene chloride	4.917	84	89726	24.645	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	87072	25.814	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	124071	24.925	ug/L	99
19) 1,1-Dichloroethane	6.216	63	175313	26.210	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	92837	26.299	ug/L	91
22) 2-Butanone	7.173	43	61656	45.275	ug/L	100
23) Bromochloromethane	7.514	128	40132	26.062	ug/L	92
25) Chloroform	7.679	83	177344	27.412	ug/L	95

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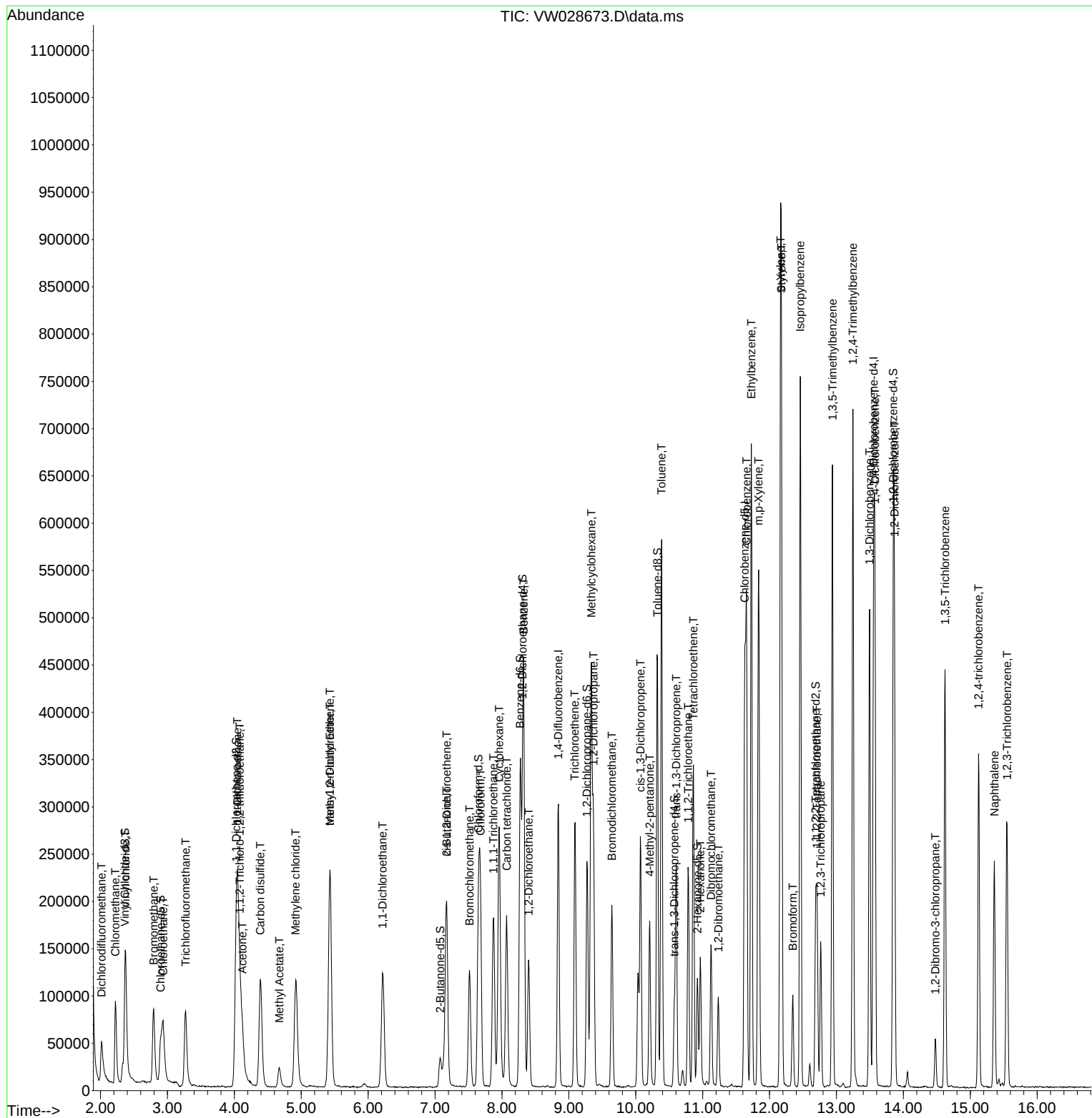
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	122864	26.126	ug/L	100
29) Cyclohexane	7.959	56	151351	24.638	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	144845	26.829	ug/L	100
31) Carbon tetrachloride	8.069	117	130857	26.584	ug/L	98
33) Benzene	8.325	78	376198	26.928	ug/L	100
34) Trichloroethene	9.087	95	98576	26.317	ug/L	96
35) Methylcyclohexane	9.337	83	167950	25.657	ug/L	99
37) 1,2-Dichloropropane	9.368	63	99824	27.421	ug/L	99
38) Bromodichloromethane	9.642	83	124256	28.000	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	145521	27.889	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	116776	47.132	ug/L	99
42) Toluene	10.386	91	397779	27.567	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	121351	27.584	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	69100	26.202	ug/L	98
46) Tetrachloroethene	10.861	164	73206	27.126	ug/L	86
48) 2-Hexanone	10.965	43	85985	49.157	ug/L	100
49) Dibromochloromethane	11.123	129	75908	28.697	ug/L	93
50) 1,2-Dibromoethane	11.233	107	61848	25.036	ug/L	100
51) Chlorobenzene	11.654	112	242750	27.197	ug/L	100
52) Ethylbenzene	11.727	91	450130	27.565	ug/L	94
53) m,p-Xylene	11.837	106	165325	27.620	ug/L	98
54) o-Xylene	12.166	106	157206	28.389	ug/L	93
55) Styrene	12.178	104	272694	29.062	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.709	83	81085	24.507	ug/L	97
59) Bromoform	12.349	173	39652	24.341	ug/L	100
60) Isopropylbenzene	12.459	105	455697	26.900	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	61842	22.917	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	330419	27.567	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	350501	27.140	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	185467	26.317	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	190961	26.504	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	165627	26.258	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.477	75	13103	20.767	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	121460	25.684	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	99563	26.057	ug/L	100
71) Naphthalene	15.361	128	192441	23.639	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	88709	25.728	ug/L	98

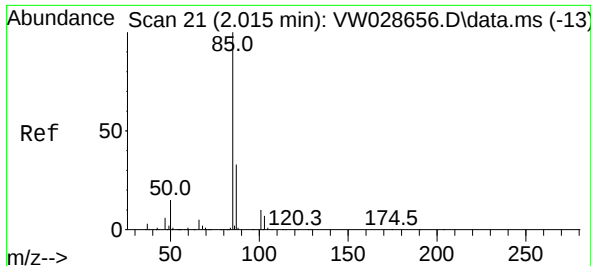
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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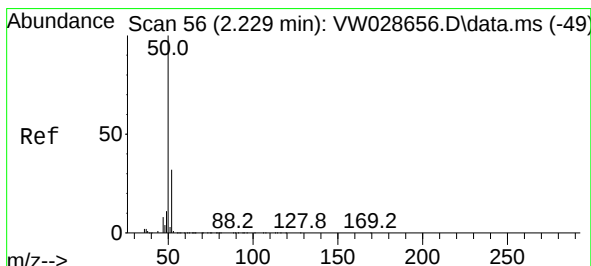
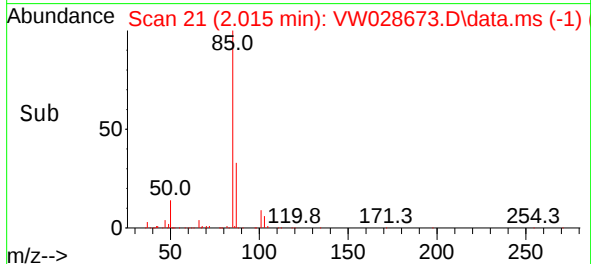
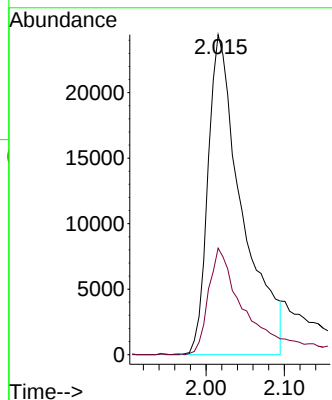
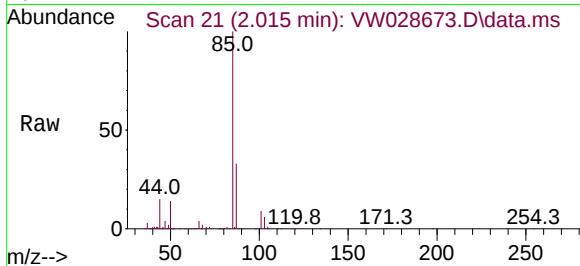




#2
Dichlorodifluoromethane
Concen: 21.491 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW028673.D
Acq: 22 May 2024 08:41

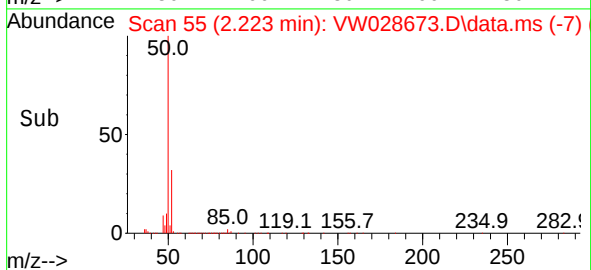
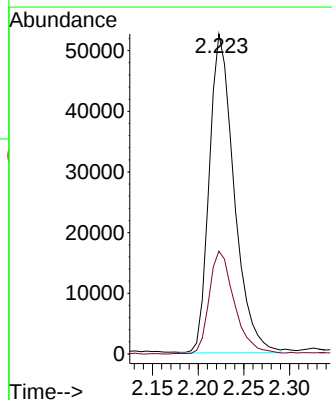
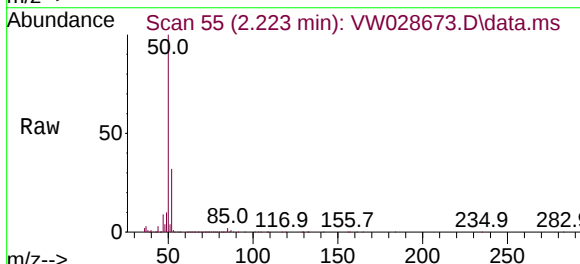
Instrument :
MSVOA_W
ClientSampleId :

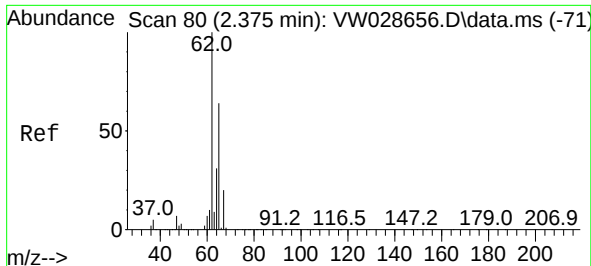
Tgt Ion: 85 Resp: 73522
Ion Ratio Lower Upper
85 100
87 35.5 21.9 32.9#



#3
Chloromethane
Concen: 23.516 ug/L
RT: 2.223 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW028673.D
Acq: 22 May 2024 08:41

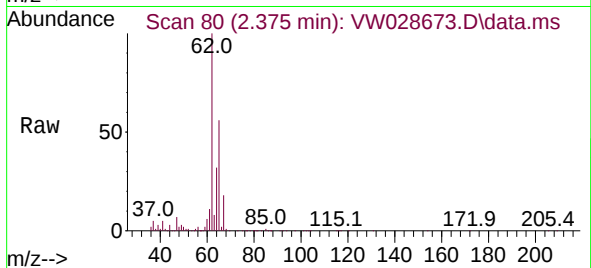
Tgt Ion: 50 Resp: 99662
Ion Ratio Lower Upper
50 100
52 32.1 22.0 41.0



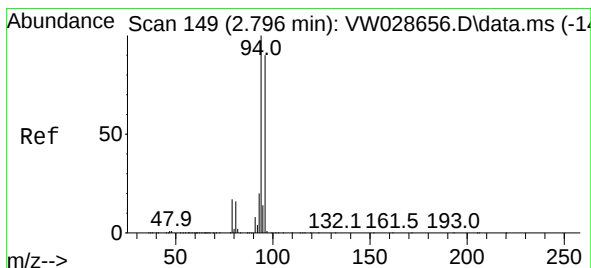
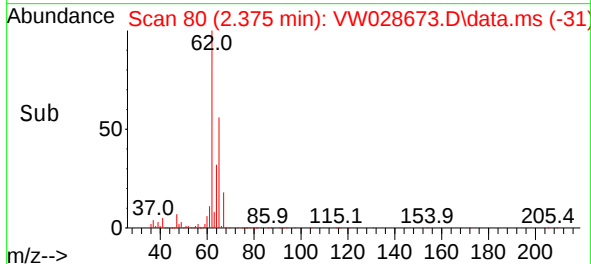
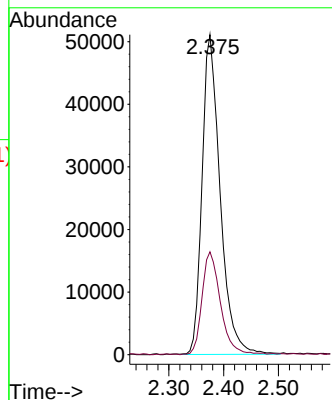


#5
 Vinyl chloride
 Concen: 24.526 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028673.D
 Acq: 22 May 2024 08:41

Instrument :
 MSVOA_W
 ClientSampleId :

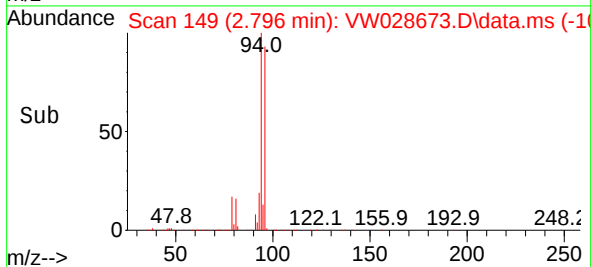
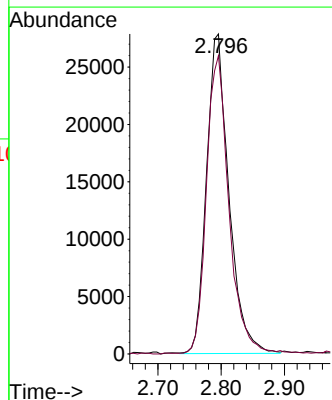
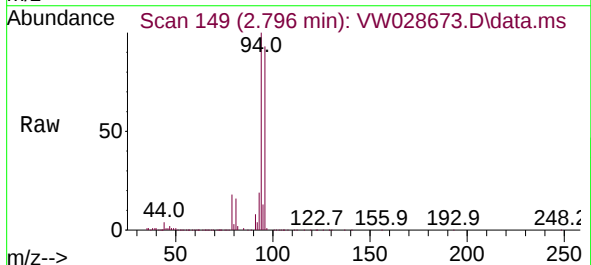


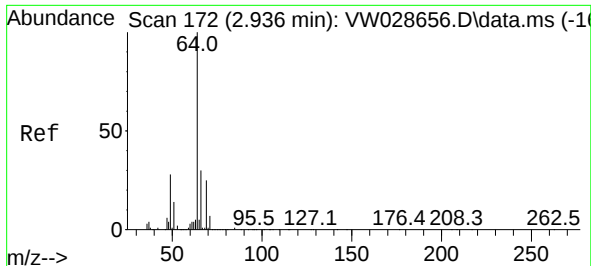
Tgt Ion: 62 Resp: 117026
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.3 43.3



#6
 Bromomethane
 Concen: 24.910 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VW028673.D
 Acq: 22 May 2024 08:41

Tgt Ion: 94 Resp: 68756
 Ion Ratio Lower Upper
 94 100
 96 93.2 66.3 123.1

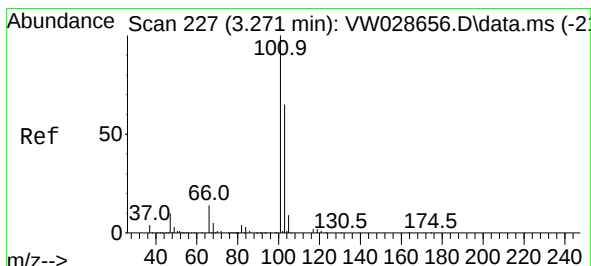
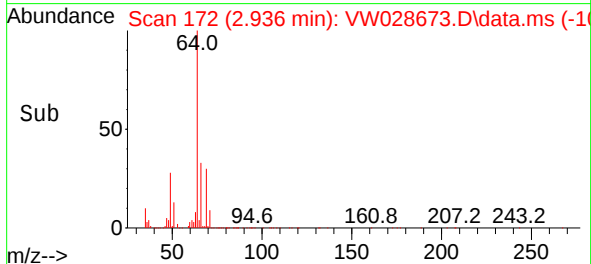
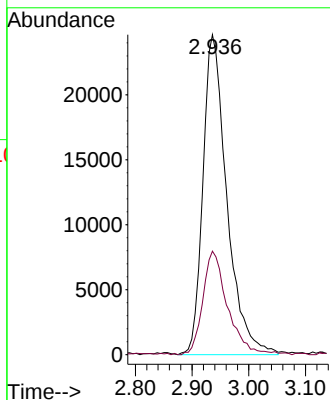
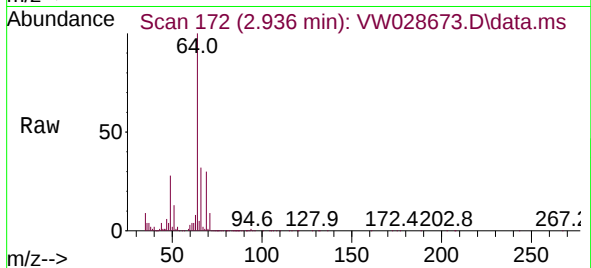




#8
Chloroethane
Concen: 26.548 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW028673.D
Acq: 22 May 2024 08:41

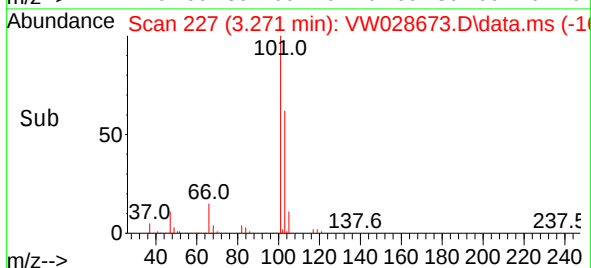
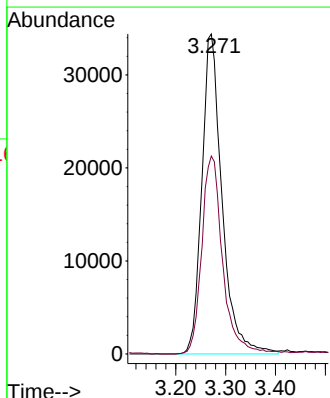
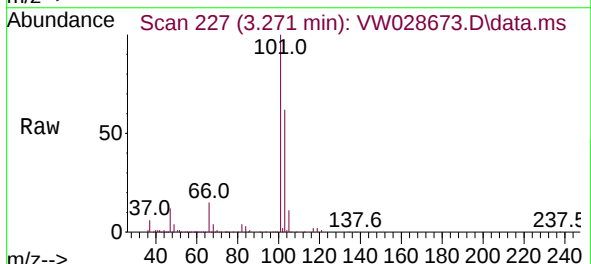
Instrument :
MSVOA_W
ClientSampleId :

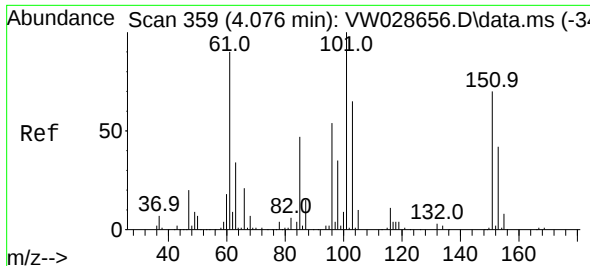
Tgt Ion: 64 Resp: 72242
Ion Ratio Lower Upper
64 100
66 32.4 21.7 40.3



#9
Trichlorofluoromethane
Concen: 24.723 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW028673.D
Acq: 22 May 2024 08:41

Tgt Ion:101 Resp: 96849
Ion Ratio Lower Upper
101 100
103 63.7 50.4 75.6





#10

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

Concen: 25.235 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW028673.D

Acq: 22 May 2024 08:41

Instrument :

MSVOA_W

ClientSampleId :

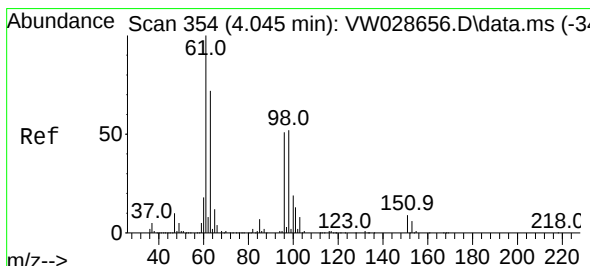
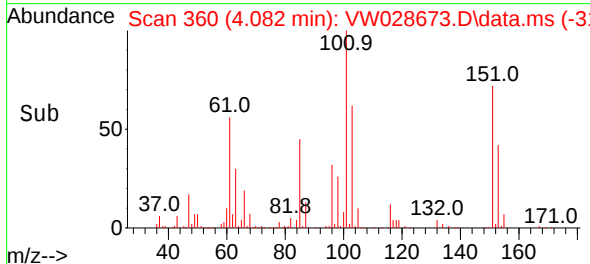
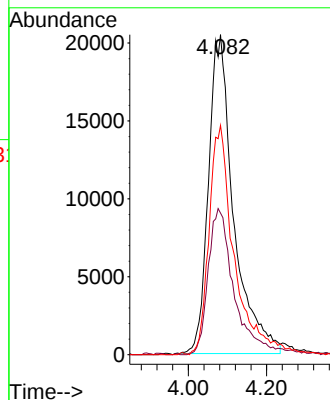
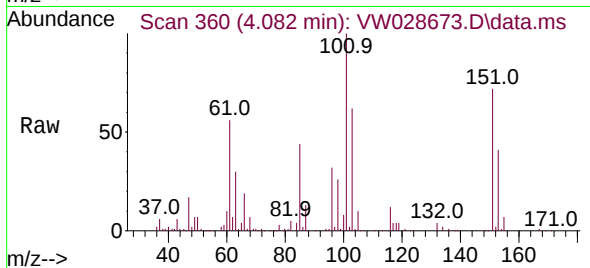
Tgt Ion:101 Resp: 91143

Ion Ratio Lower Upper

101 100

85 46.6 35.8 53.8

151 66.1 49.6 74.4



#12

1,1-Dichloroethene

Concen: 24.933 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW028673.D

Acq: 22 May 2024 08:41

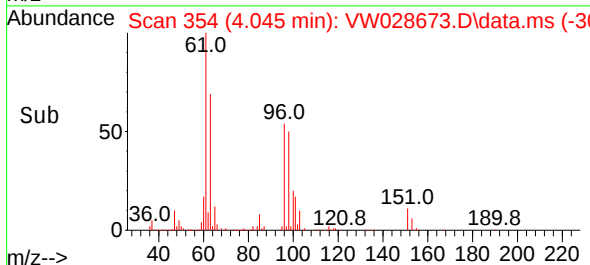
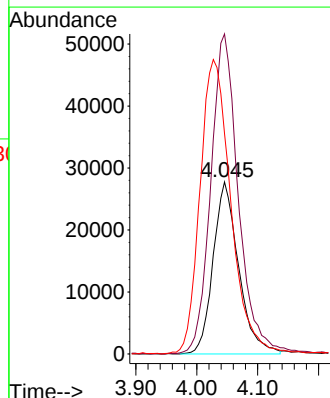
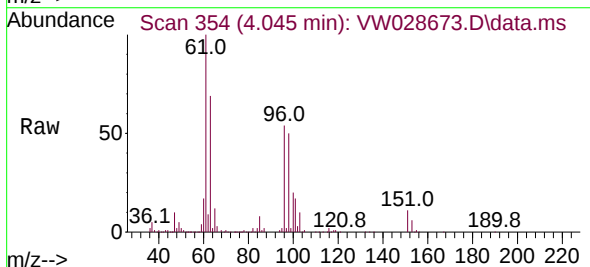
Tgt Ion: 96 Resp: 80781

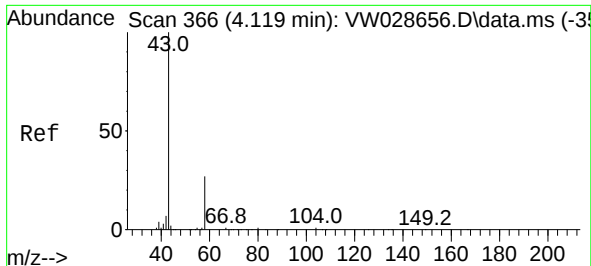
Ion Ratio Lower Upper

96 100

61 186.1 131.6 244.4

63 128.3 111.4 206.8

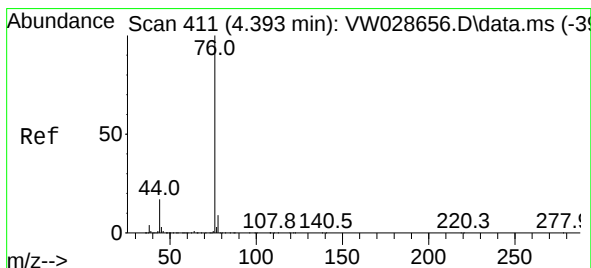
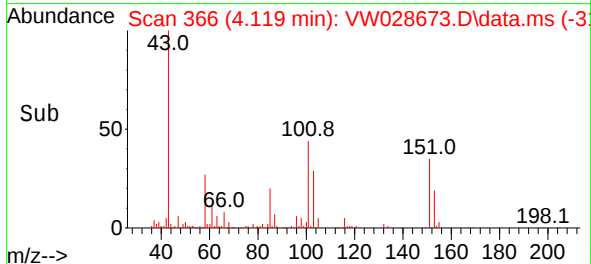
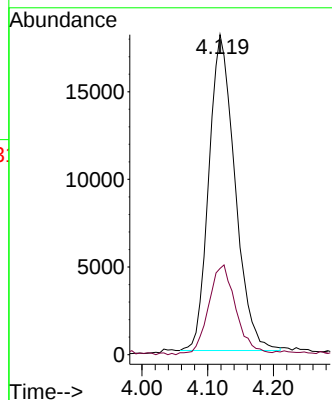
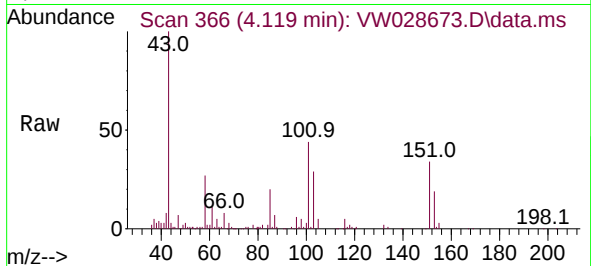




#13
Acetone
Concen: 46.985 ug/L
RT: 4.119 min Scan# 30
Delta R.T. 0.000 min
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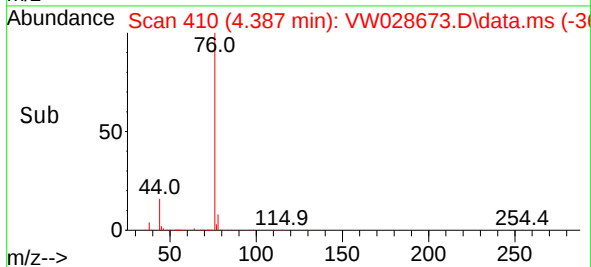
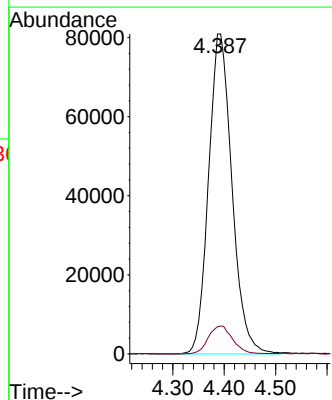
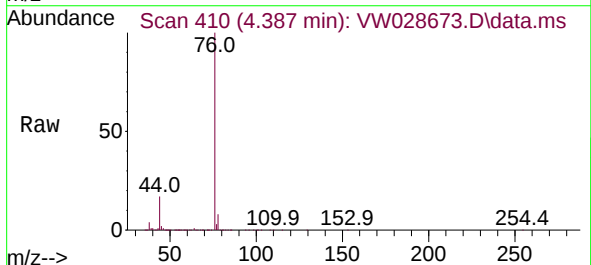
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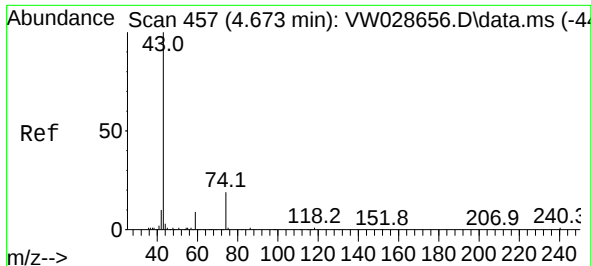
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Ion Ratio Lower Upper
43 100
58 29.8 0.0 54.4



#14
Carbon disulfide
Concen: 23.367 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
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Acq: 22 May 2024 08:41

Tgt Ion: 76 Resp: 255866
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0





#15

Methyl Acetate

Concen: 21.982 ug/L

RT: 4.673 min Scan# 4

Delta R.T. 0.000 min

Lab File: VW028673.D

Acq: 22 May 2024 08:41

Instrument :

MSVOA_W

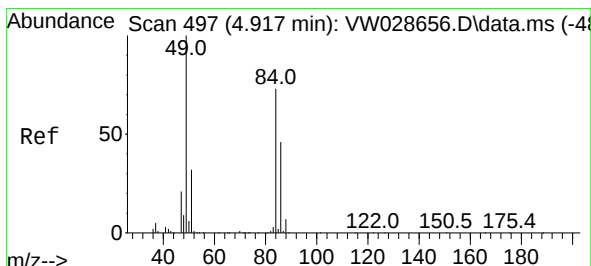
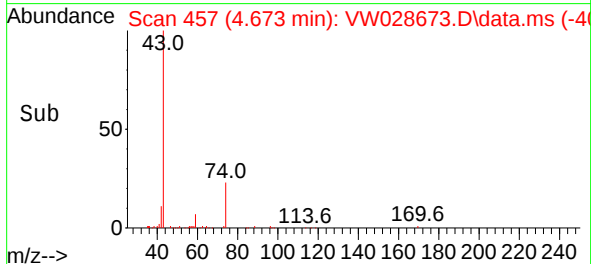
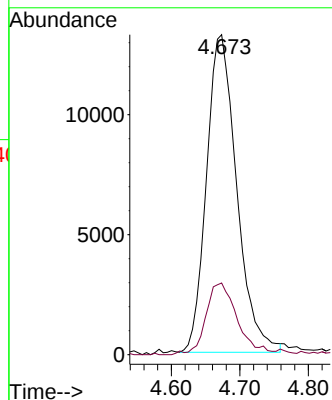
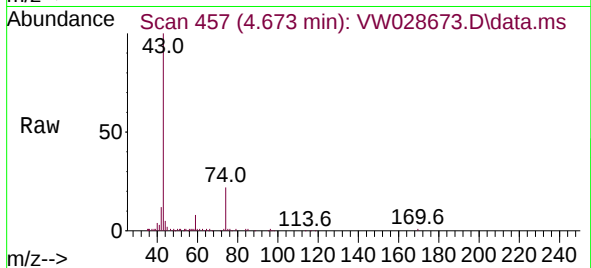
ClientSampleId :

Tgt Ion: 43 Resp: 40577

Ion Ratio Lower Upper

43 100

74 22.4 17.6 26.4



#16

Methylene chloride

Concen: 24.645 ug/L

RT: 4.917 min Scan# 497

Delta R.T. 0.000 min

Lab File: VW028673.D

Acq: 22 May 2024 08:41

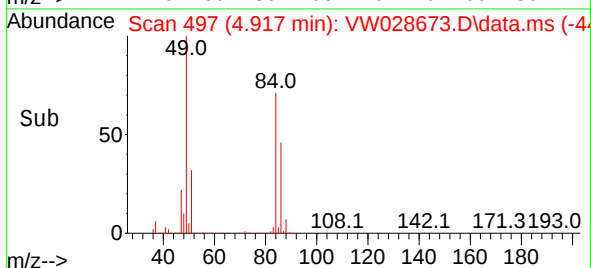
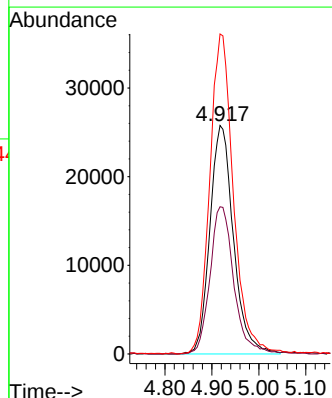
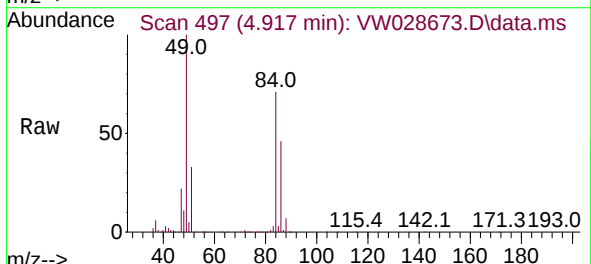
Tgt Ion: 84 Resp: 89726

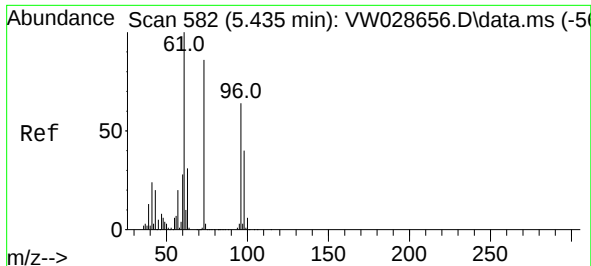
Ion Ratio Lower Upper

84 100

86 64.4 44.4 82.4

49 140.1 100.2 186.2

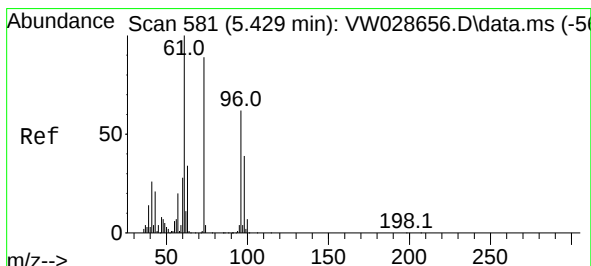
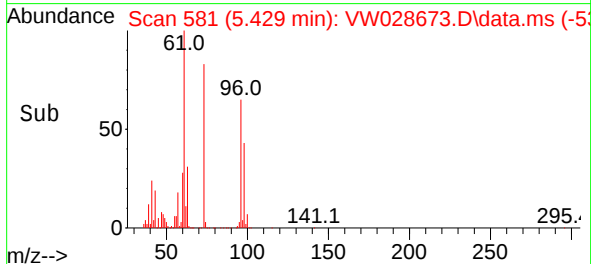
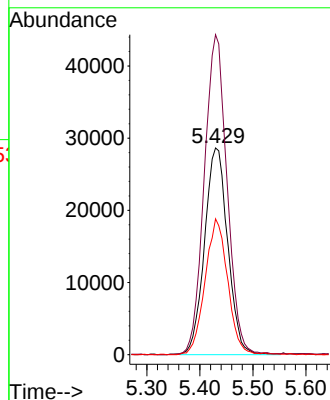
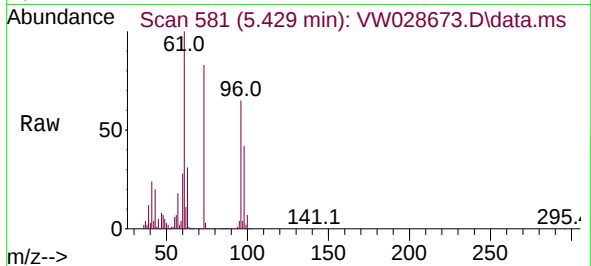




#17
trans-1,2-Dichloroethene
Concen: 25.814 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW028673.D
Acq: 22 May 2024 08:41

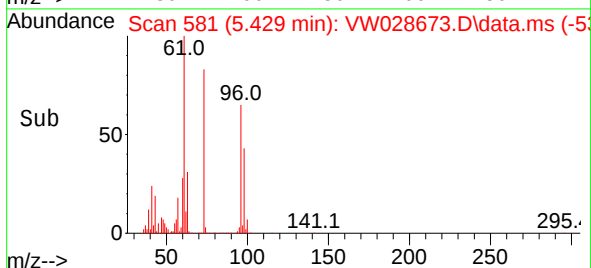
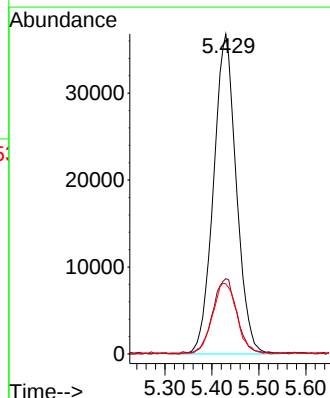
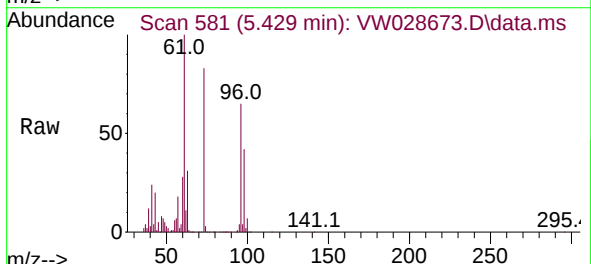
Instrument :
MSVOA_W
ClientSampleId :

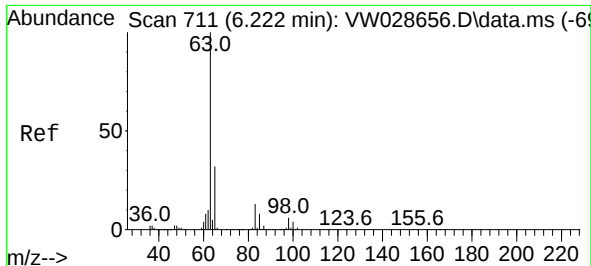
Tgt Ion: 96 Resp: 87072
Ion Ratio Lower Upper
96 100
61 154.8 109.0 202.4
98 65.7 44.2 82.0



#18
Methyl tert-butyl Ether
Concen: 24.925 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028673.D
Acq: 22 May 2024 08:41

Tgt Ion: 73 Resp: 124071
Ion Ratio Lower Upper
73 100
43 24.1 19.2 28.8
57 23.6 18.5 27.7





#19

1,1-Dichloroethane

Concen: 26.210 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW028673.D

Acq: 22 May 2024 08:41

Instrument :

MSVOA_W

ClientSampleId :

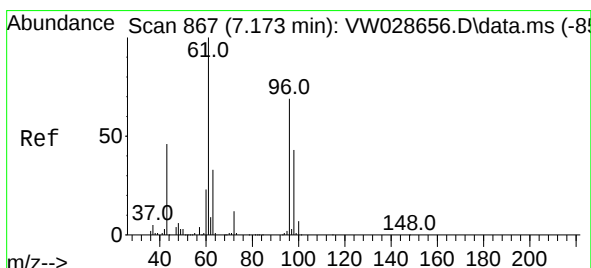
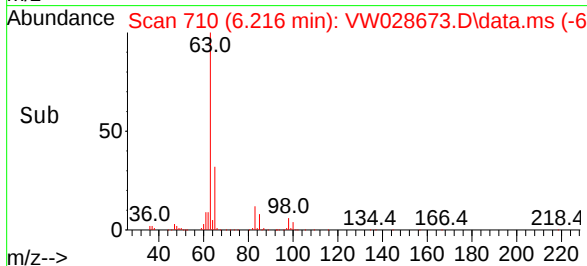
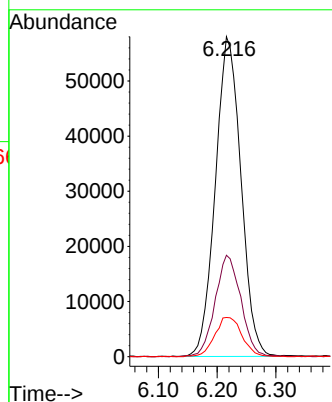
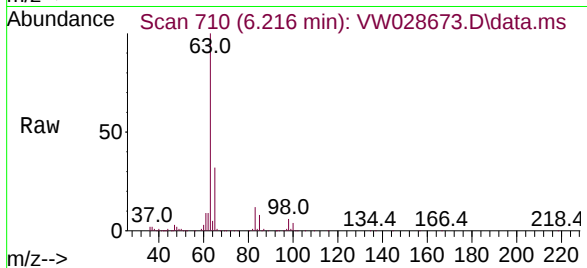
Tgt Ion: 63 Resp: 175313

Ion Ratio Lower Upper

63 100

65 31.7 22.9 42.5

83 12.3 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 26.299 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW028673.D

Acq: 22 May 2024 08:41

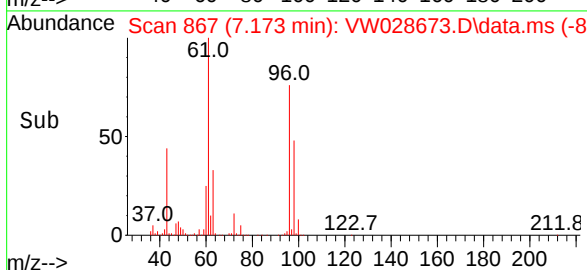
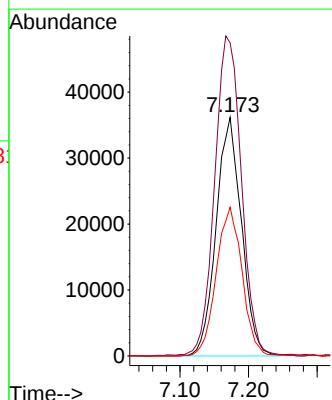
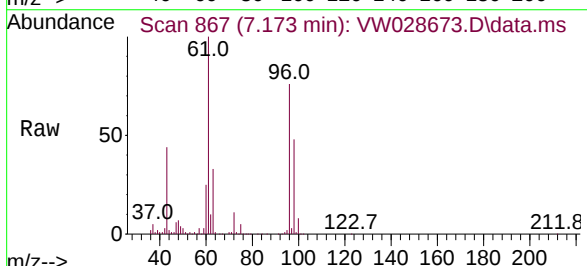
Tgt Ion: 96 Resp: 92837

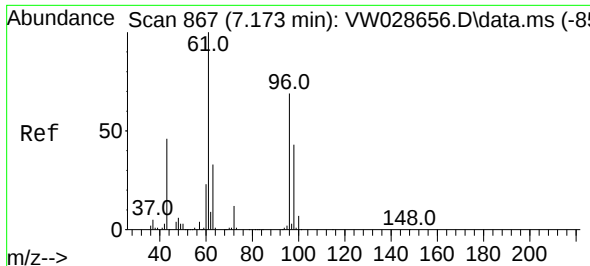
Ion Ratio Lower Upper

96 100

61 131.2 102.8 191.0

98 62.4 44.3 82.3





#22

2-Butanone

Concen: 45.275 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW028673.D

Acq: 22 May 2024 08:41

Instrument :

MSVOA_W

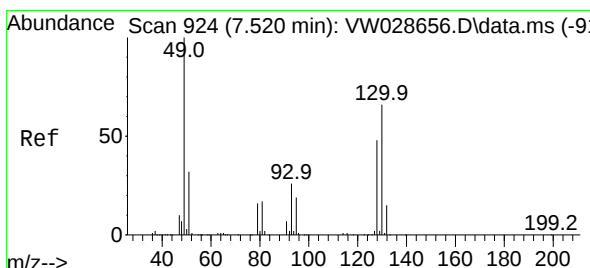
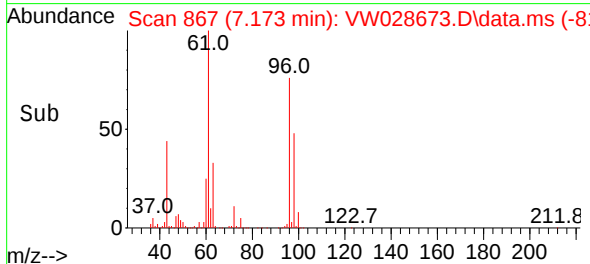
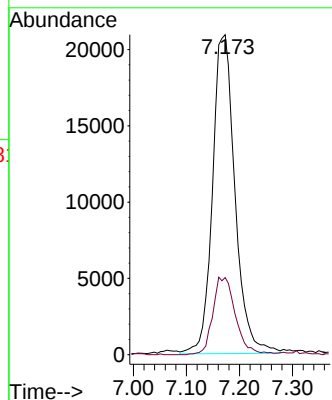
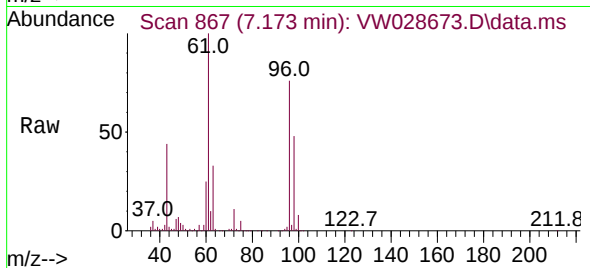
ClientSampleId :

Tgt Ion: 43 Resp: 61656

Ion Ratio Lower Upper

43 100

72 24.2 12.2 36.6



#23

Bromochloromethane

Concen: 26.062 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.006 min

Lab File: VW028673.D

Acq: 22 May 2024 08:41

Tgt Ion: 128 Resp: 40132

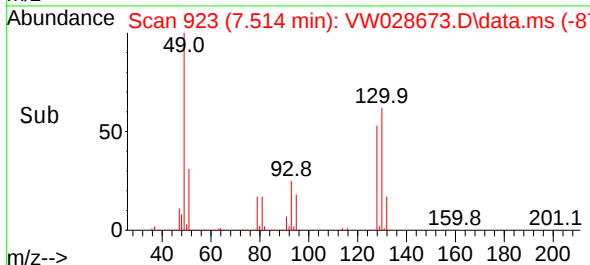
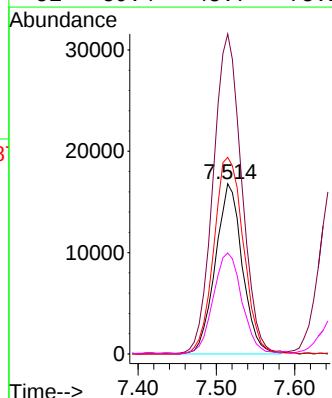
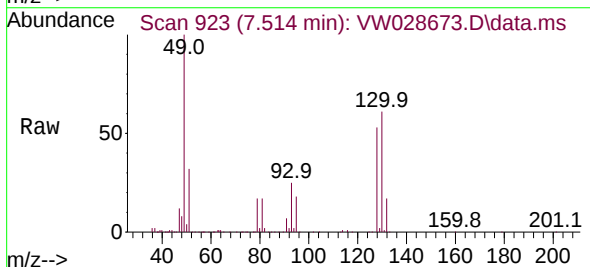
Ion Ratio Lower Upper

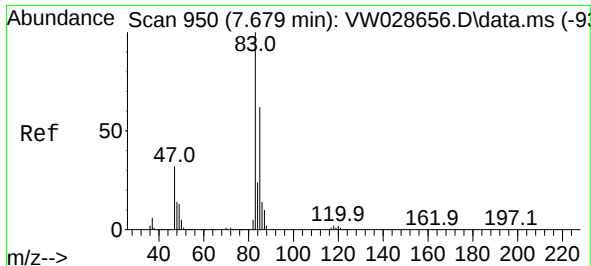
128 100

49 188.0 139.6 259.2

130 115.5 91.2 169.4

51 59.4 48.7 73.1





#25

Chloroform

Concen: 27.412 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW028673.D

Acq: 22 May 2024 08:41

Instrument :

MSVOA_W

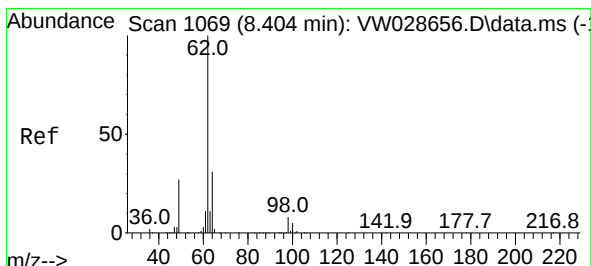
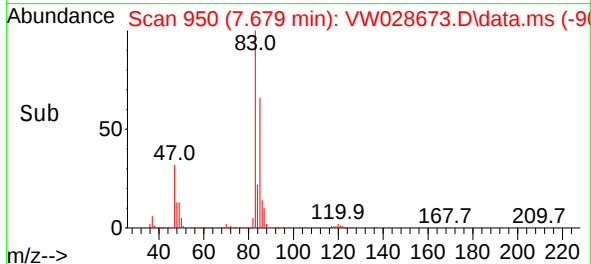
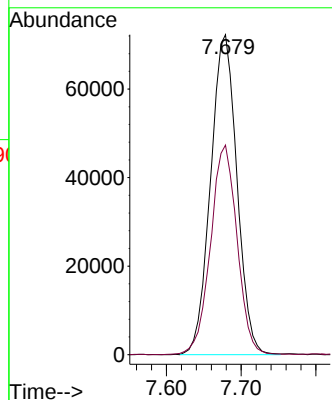
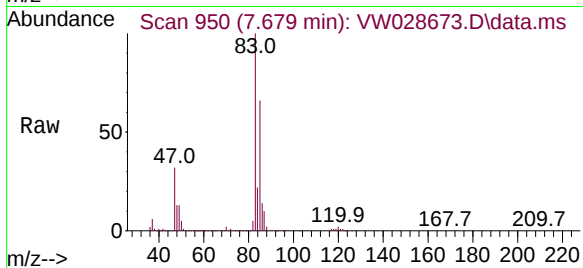
ClientSampleId :

Tgt Ion: 83 Resp: 177344

Ion Ratio Lower Upper

83 100

85 65.5 43.4 80.6



#27

1,2-Dichloroethane

Concen: 26.126 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VW028673.D

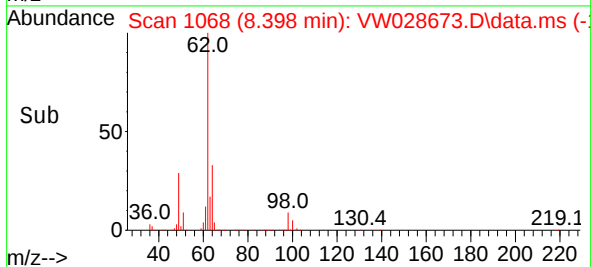
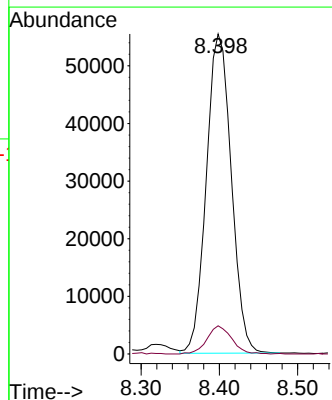
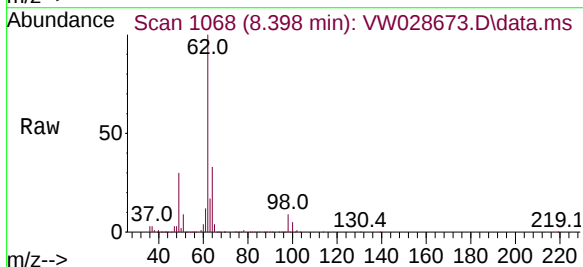
Acq: 22 May 2024 08:41

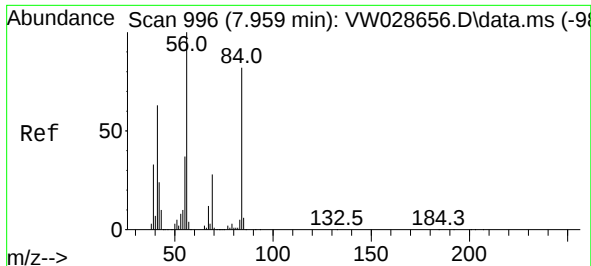
Tgt Ion: 62 Resp: 122864

Ion Ratio Lower Upper

62 100

98 8.8 7.0 10.6





#29

Cyclohexane

Concen: 24.638 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW028673.D

Acq: 22 May 2024 08:41

Instrument :

MSVOA_W

ClientSampleId :

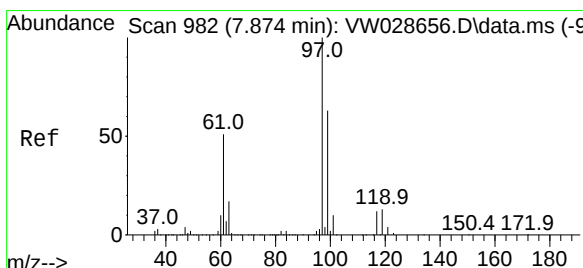
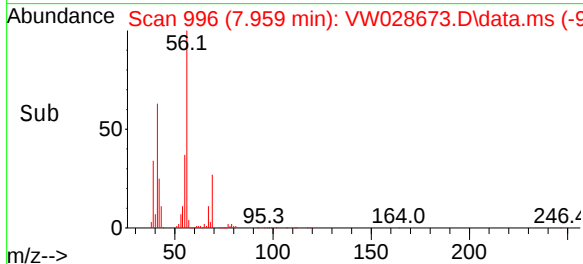
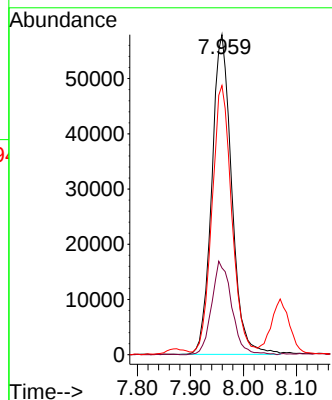
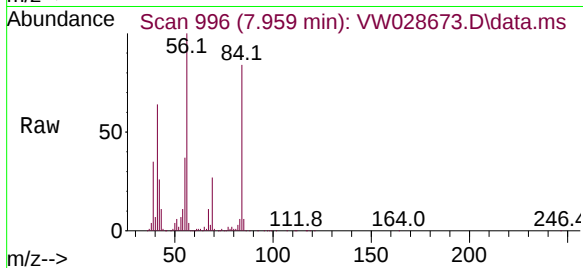
Tgt Ion: 56 Resp: 151351

Ion Ratio Lower Upper

56 100

69 29.3 23.4 35.0

84 83.8 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 26.829 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW028673.D

Acq: 22 May 2024 08:41

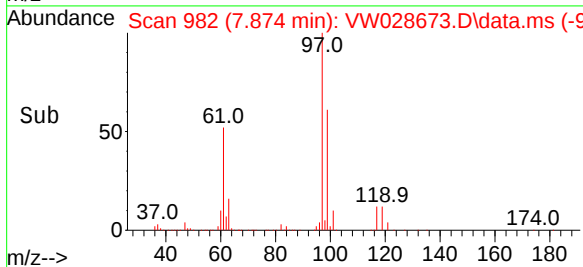
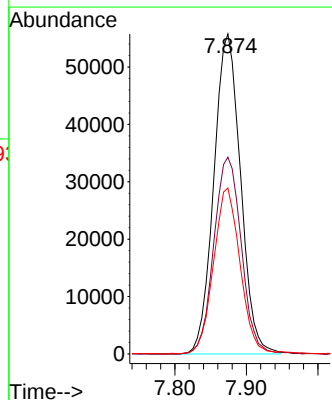
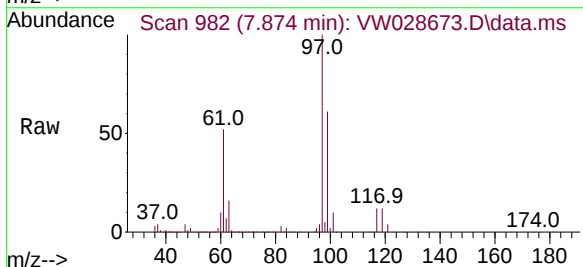
Tgt Ion: 97 Resp: 144845

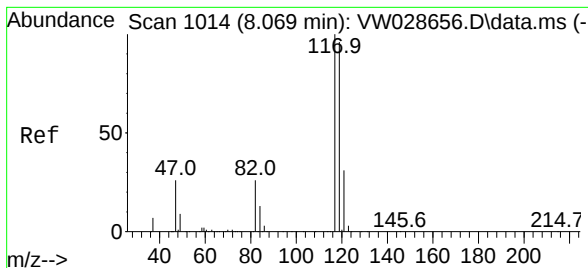
Ion Ratio Lower Upper

97 100

99 63.2 50.9 76.3

61 51.2 41.0 61.6

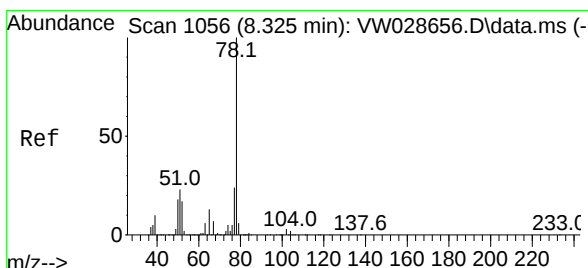
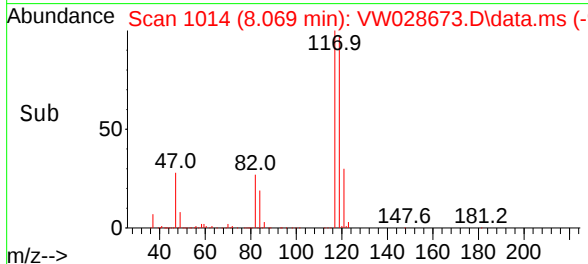
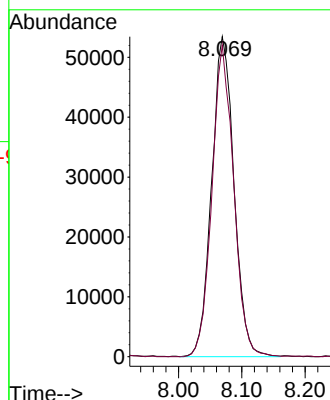
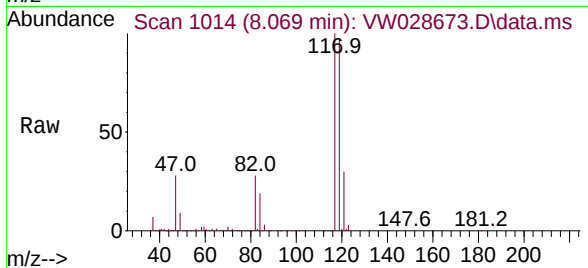




#31
Carbon tetrachloride
Concen: 26.584 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028673.D
Acq: 22 May 2024 08:41

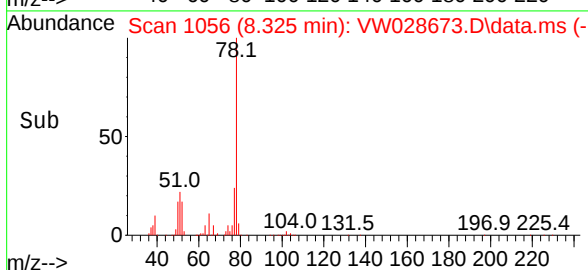
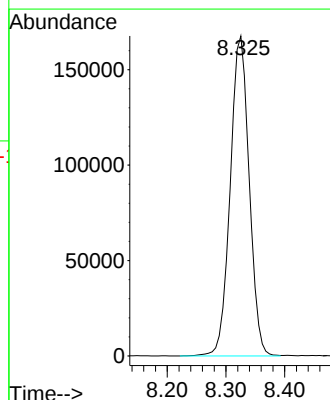
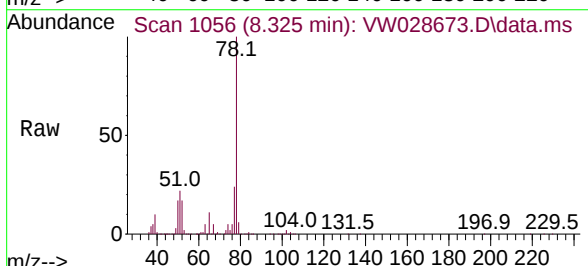
Instrument :
MSVOA_W
ClientSampleId :

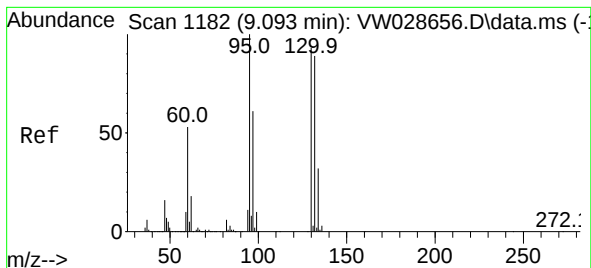
Tgt Ion:117 Resp: 130857
Ion Ratio Lower Upper
117 100
119 94.8 77.2 115.8



#33
Benzene
Concen: 26.928 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW028673.D
Acq: 22 May 2024 08:41

Tgt Ion: 78 Resp: 376198





#34

Trichloroethene

Concen: 26.317 ug/L

RT: 9.087 min Scan# 1182

Delta R.T. -0.006 min

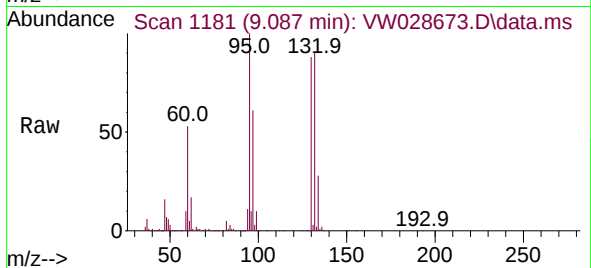
Lab File: VW028673.D

Acq: 22 May 2024 08:41

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 98576

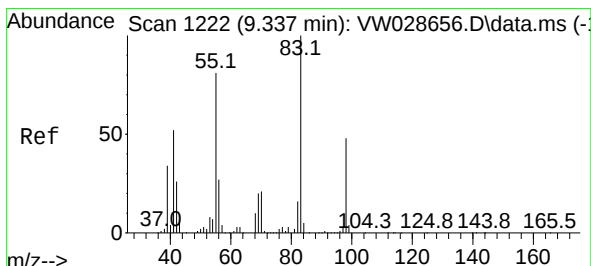
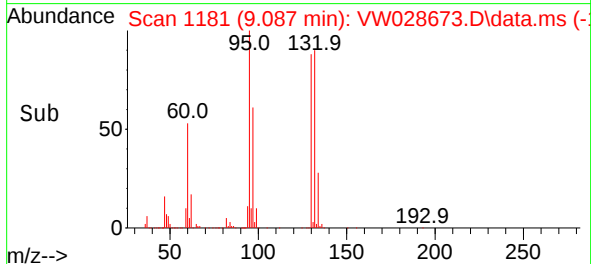
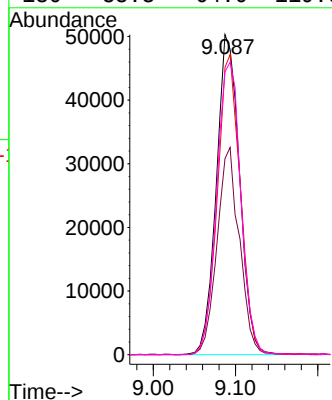
Ion Ratio Lower Upper

95 100

97 61.3 44.9 83.3

132 89.8 59.7 110.9

130 88.3 64.0 119.0



#35

Methylcyclohexane

Concen: 25.657 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW028673.D

Acq: 22 May 2024 08:41

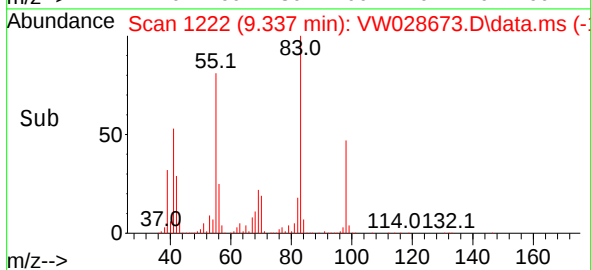
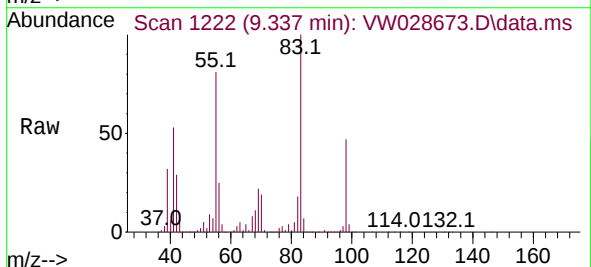
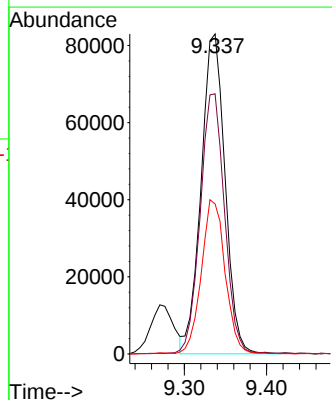
Tgt Ion: 83 Resp: 167950

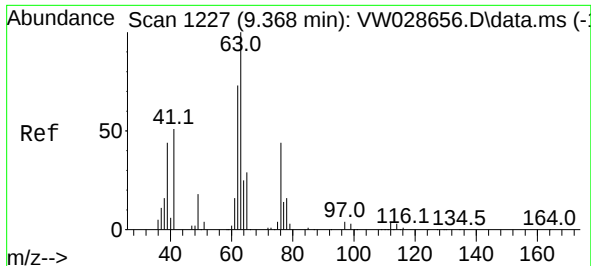
Ion Ratio Lower Upper

83 100

55 82.8 66.9 100.3

98 48.0 37.9 56.9





#37

1,2-Dichloropropane

Concen: 27.421 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW028673.D

Acq: 22 May 2024 08:41

Instrument :

MSVOA_W

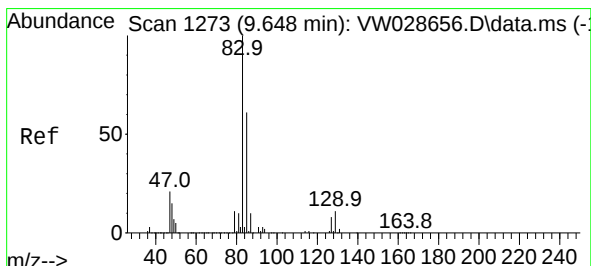
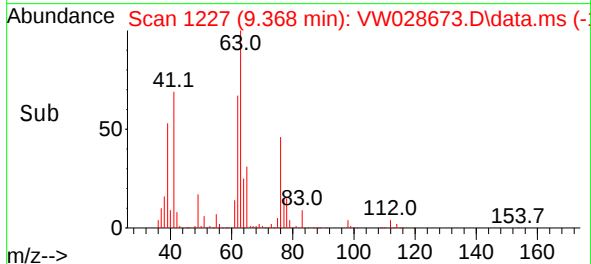
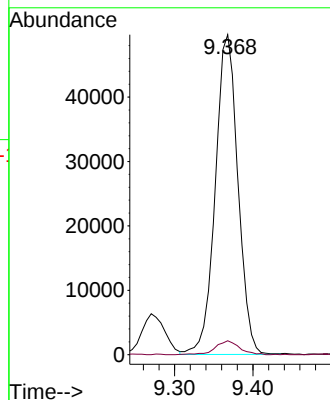
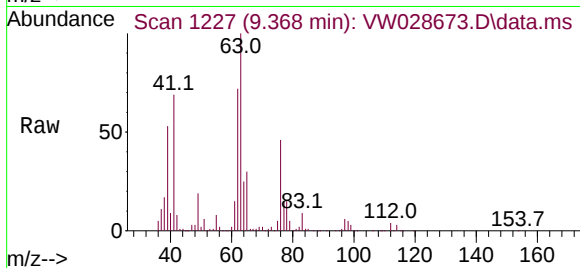
ClientSampleId :

Tgt Ion: 63 Resp: 99824

Ion Ratio Lower Upper

63 100

112 4.6 3.5 5.3



#38

Bromodichloromethane

Concen: 28.000 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW028673.D

Acq: 22 May 2024 08:41

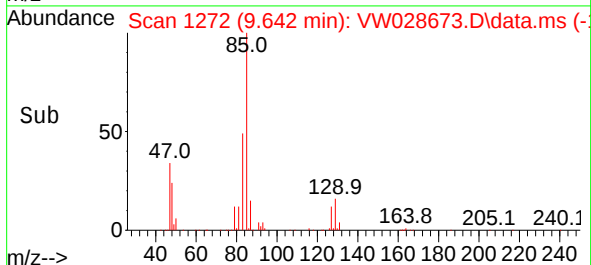
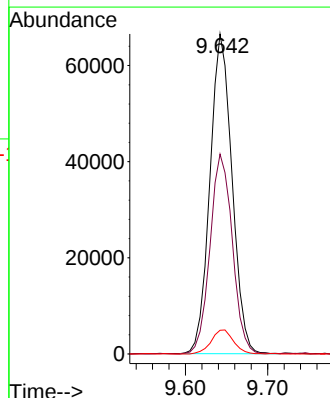
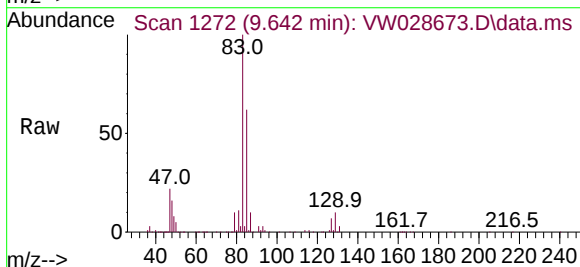
Tgt Ion: 83 Resp: 124256

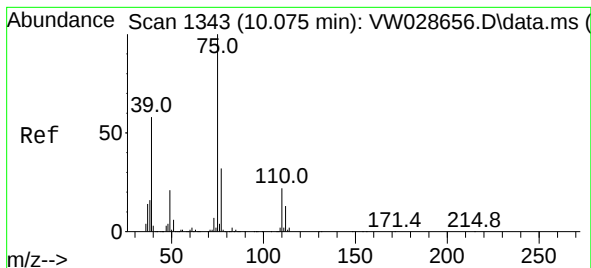
Ion Ratio Lower Upper

83 100

85 62.4 43.0 80.0

127 7.4 5.9 8.9

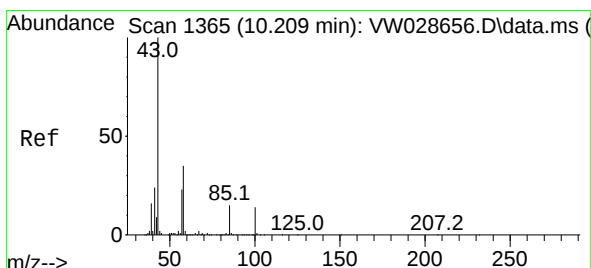
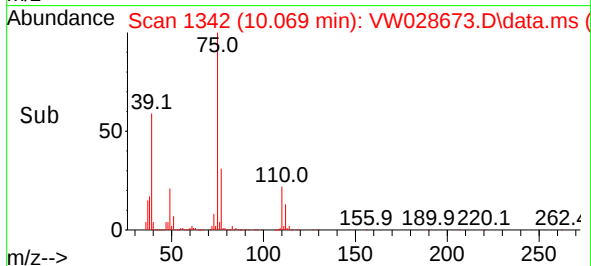
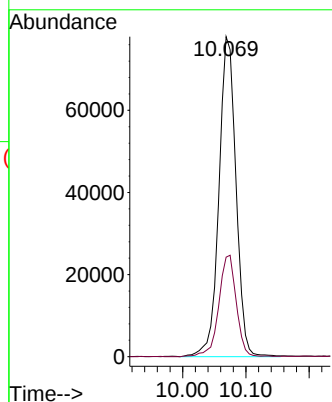
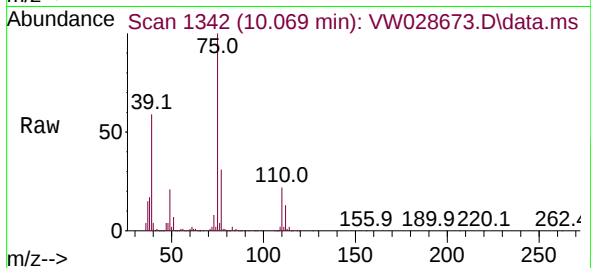




#39
cis-1,3-Dichloropropene
Concen: 27.889 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW028673.D
Acq: 22 May 2024 08:41

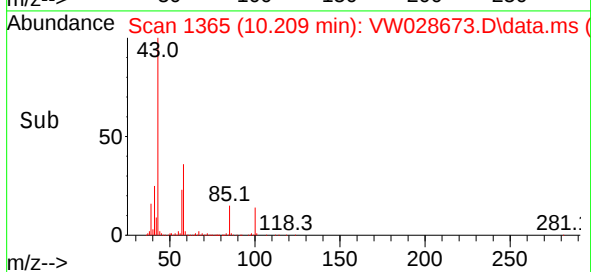
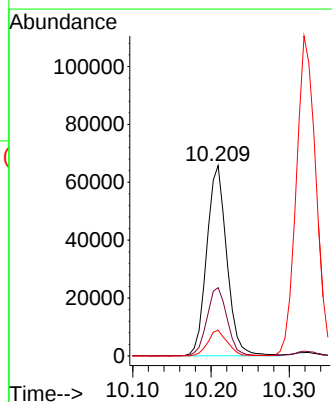
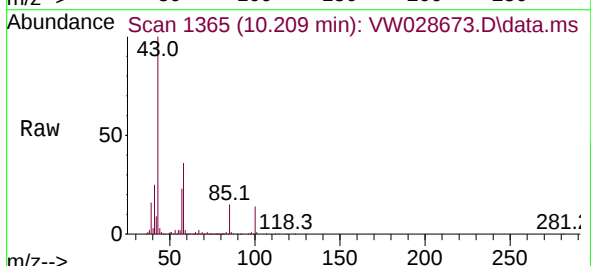
Instrument :
MSVOA_W
ClientSampleId :

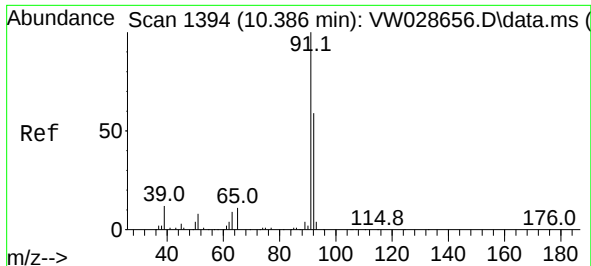
Tgt Ion: 75 Resp: 145521
Ion Ratio Lower Upper
75 100
77 31.1 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 47.132 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW028673.D
Acq: 22 May 2024 08:41

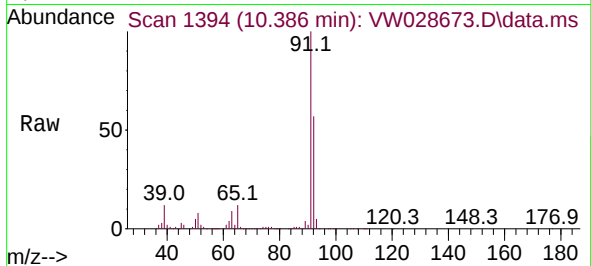
Tgt Ion: 43 Resp: 116776
Ion Ratio Lower Upper
43 100
58 36.0 29.2 43.8
100 13.5 11.0 16.4



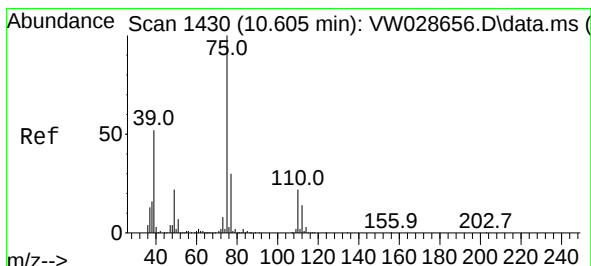
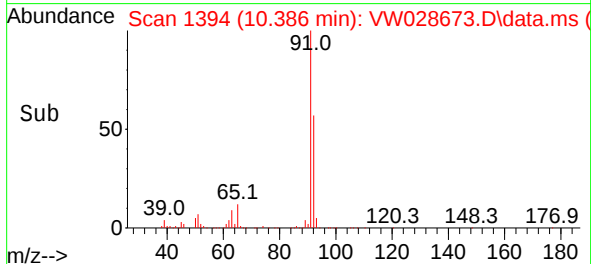
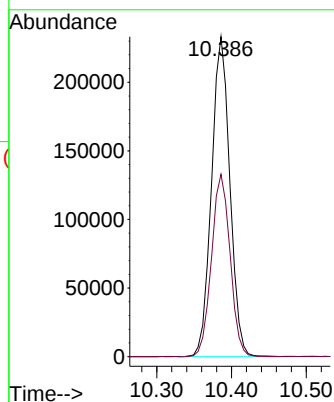


#42
Toluene
Concen: 27.567 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW028673.D
Acq: 22 May 2024 08:41

Instrument :
MSVOA_W
ClientSampleId :

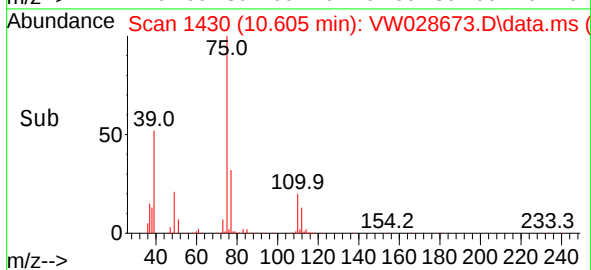
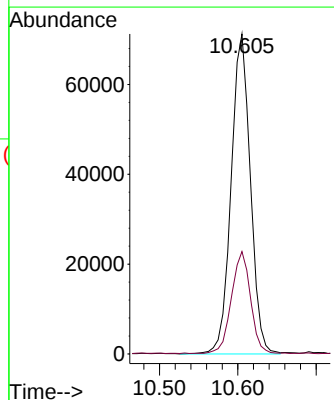
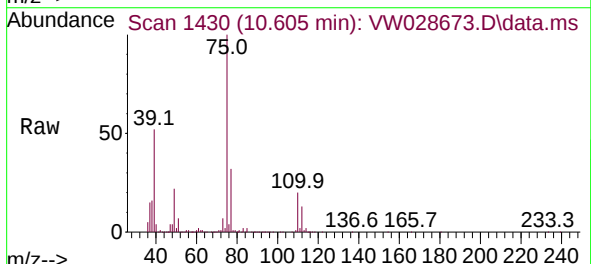


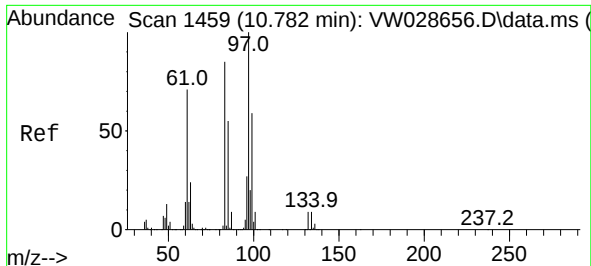
Tgt Ion: 91 Resp: 397779
Ion Ratio Lower Upper
91 100
92 57.0 42.5 78.9



#44
trans-1,3-Dichloropropene
Concen: 27.584 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW028673.D
Acq: 22 May 2024 08:41

Tgt Ion: 75 Resp: 121351
Ion Ratio Lower Upper
75 100
77 32.0 22.5 41.9

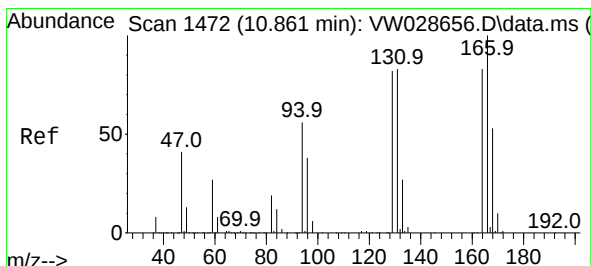
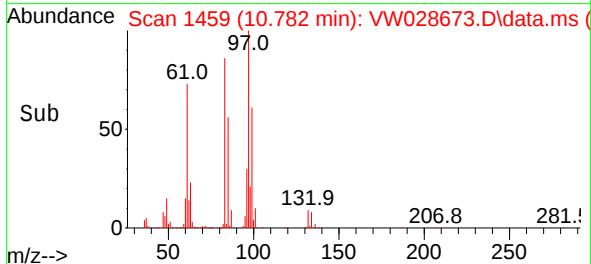
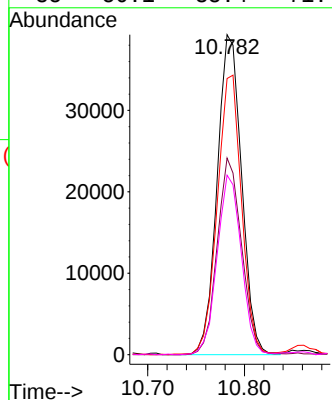
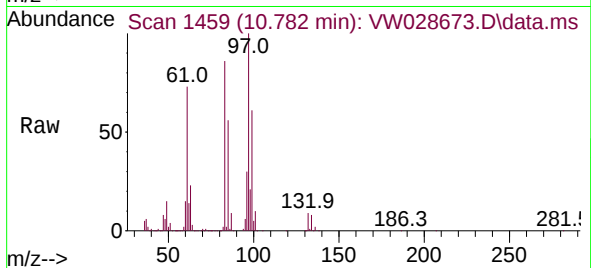




#45
1,1,2-Trichloroethane
Concen: 26.202 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW028673.D
Acq: 22 May 2024 08:41

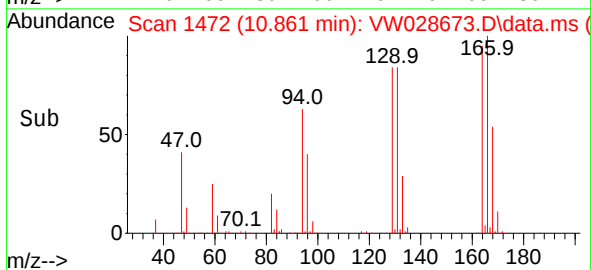
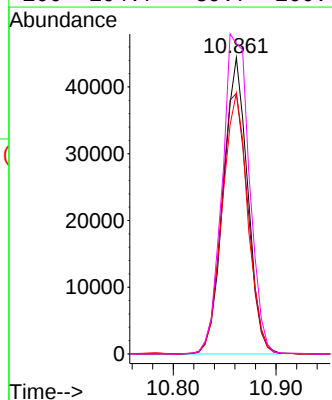
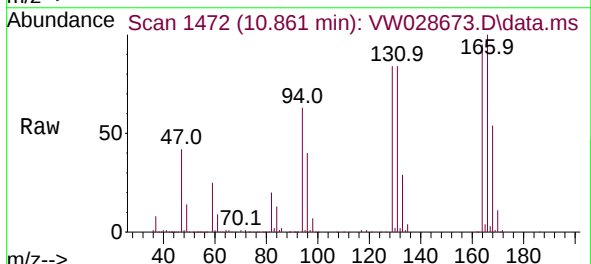
Instrument :
MSVOA_W
ClientSampleId :

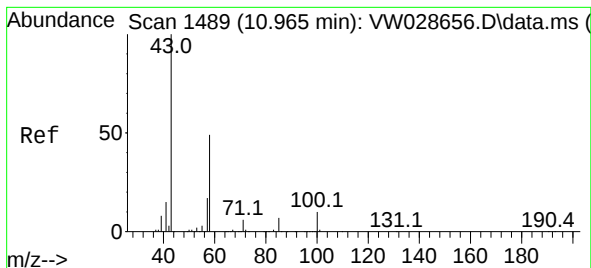
Tgt Ion:	97	Resp:	69100
Ion	Ratio	Lower	Upper
97	100		
99	61.5	41.9	77.9
83	86.3	62.1	115.3
85	56.1	38.4	71.4



#46
Tetrachloroethene
Concen: 27.126 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW028673.D
Acq: 22 May 2024 08:41

Tgt Ion:	164	Resp:	73206
Ion	Ratio	Lower	Upper
164	100		
129	87.9	69.2	128.6
131	88.1	67.7	125.7
166	104.7	89.7	166.7

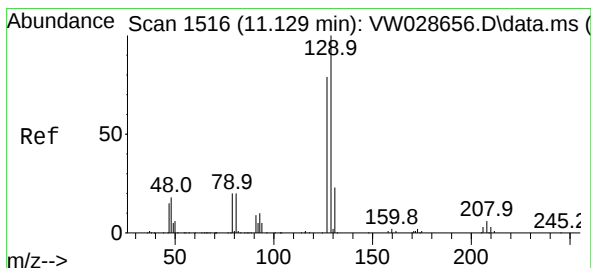
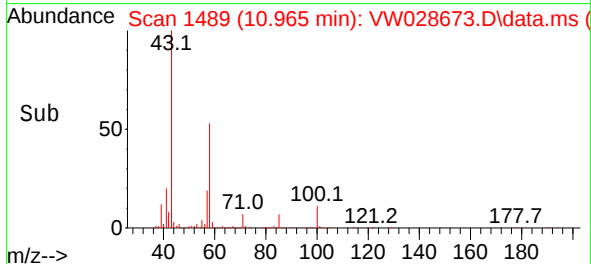
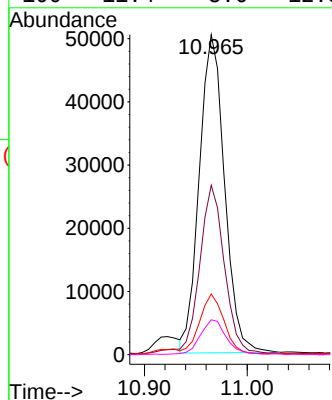
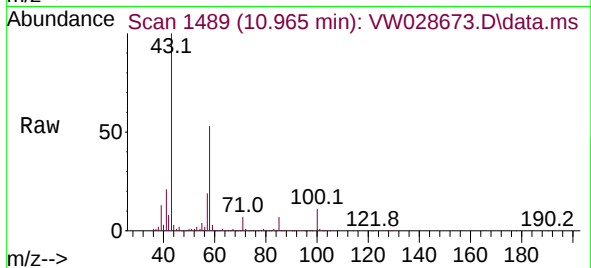




#48
2-Hexanone
Concen: 49.157 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028673.D
Acq: 22 May 2024 08:41

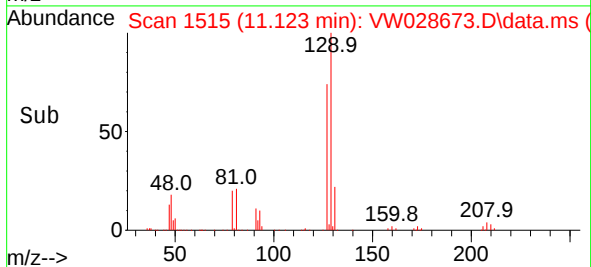
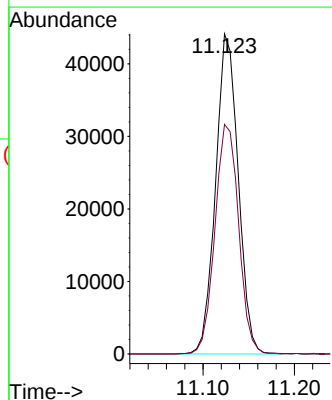
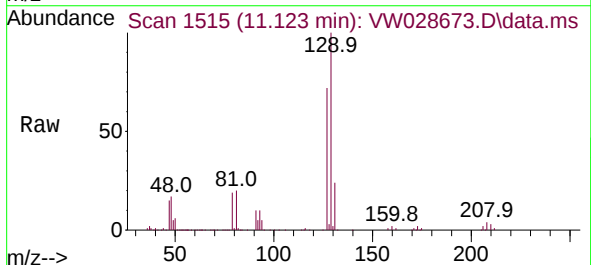
Instrument :
MSVOA_W
ClientSampleId :

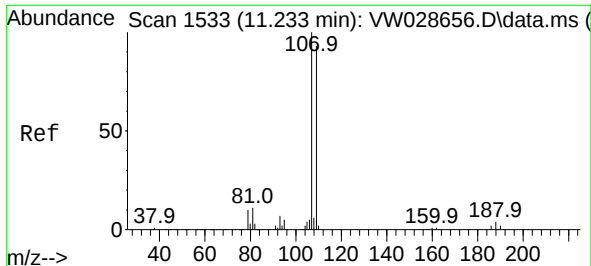
Tgt Ion: 43 Resp: 85985
Ion Ratio Lower Upper
43 100
58 51.3 41.0 61.4
57 18.4 14.8 22.2
100 11.4 8.6 12.8



#49
Dibromochloromethane
Concen: 28.697 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW028673.D
Acq: 22 May 2024 08:41

Tgt Ion: 129 Resp: 75908
Ion Ratio Lower Upper
129 100
127 71.8 54.3 100.8





#50

1,2-Dibromoethane

Concen: 25.036 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW028673.D

Acq: 22 May 2024 08:41

Instrument :

MSVOA_W

ClientSampleId :

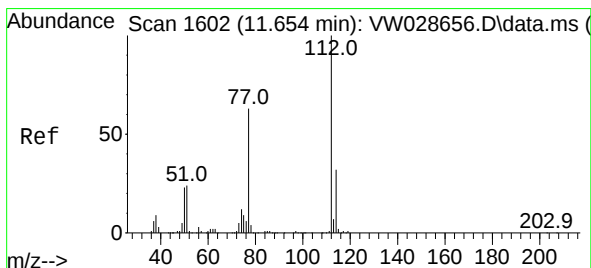
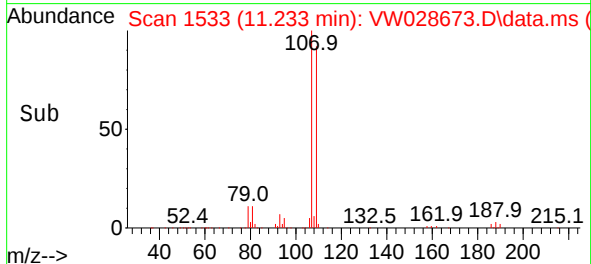
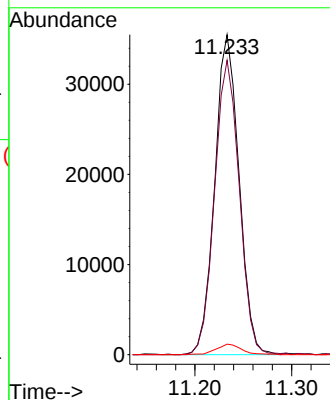
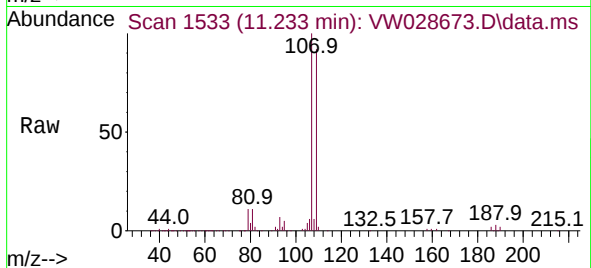
Tgt Ion:107 Resp: 61848

Ion Ratio Lower Upper

107 100

109 92.0 64.2 119.2

188 3.5 3.1 4.7



#51

Chlorobenzene

Concen: 27.197 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW028673.D

Acq: 22 May 2024 08:41

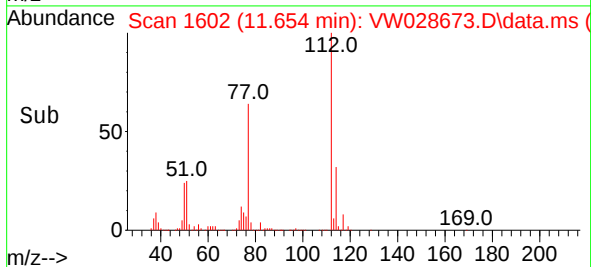
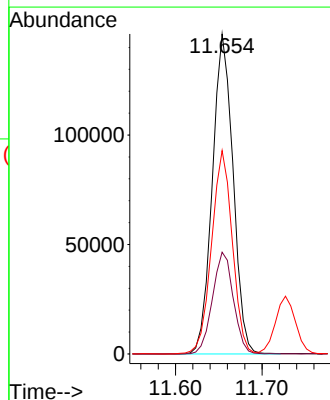
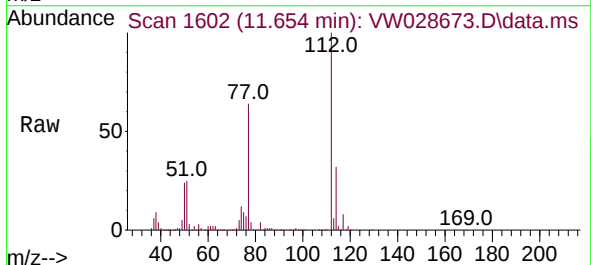
Tgt Ion:112 Resp: 242750

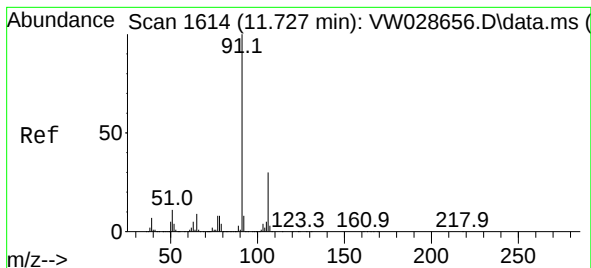
Ion Ratio Lower Upper

112 100

114 31.8 22.2 41.2

77 63.6 50.8 76.2





#52

Ethylbenzene

Concen: 27.565 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028673.D

Acq: 22 May 2024 08:41

Instrument :

MSVOA_W

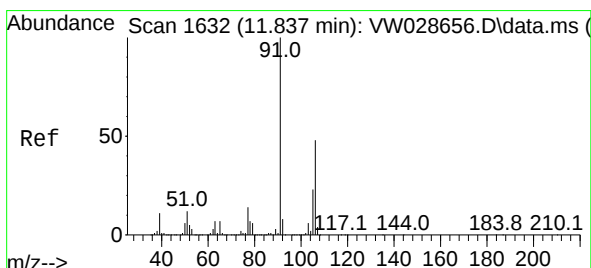
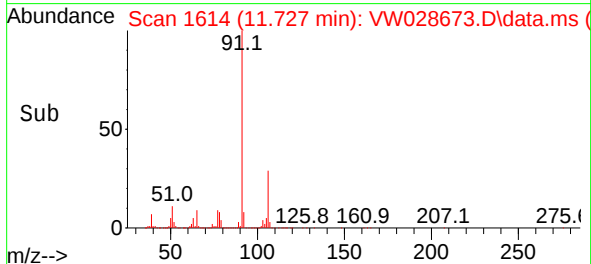
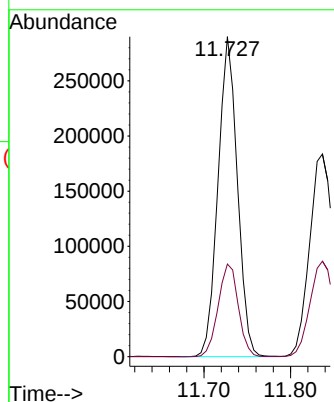
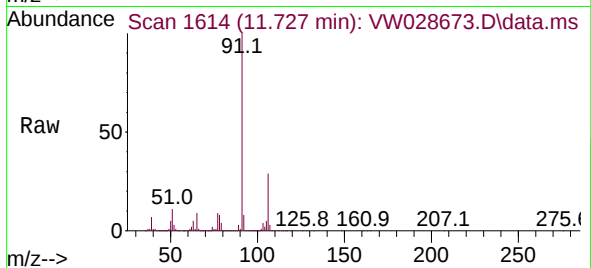
ClientSampleId :

Tgt Ion: 91 Resp: 450130

Ion Ratio Lower Upper

91 100

106 29.0 22.7 42.1



#53

m,p-Xylene

Concen: 27.620 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW028673.D

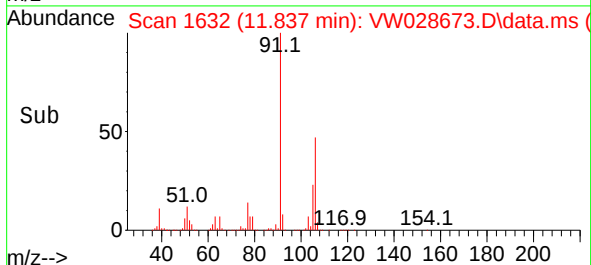
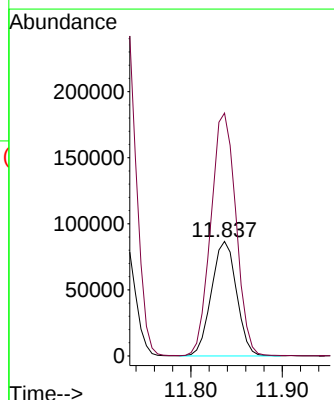
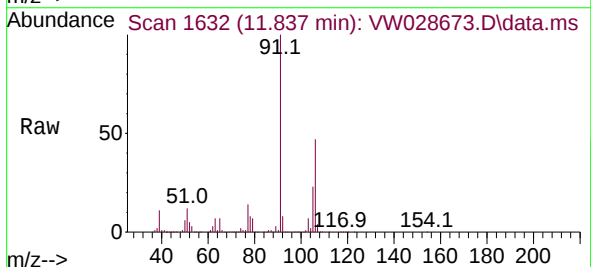
Acq: 22 May 2024 08:41

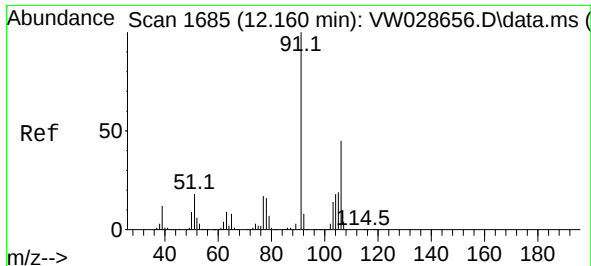
Tgt Ion:106 Resp: 165325

Ion Ratio Lower Upper

106 100

91 212.1 146.6 272.2

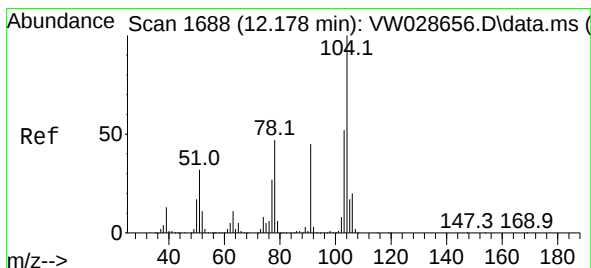
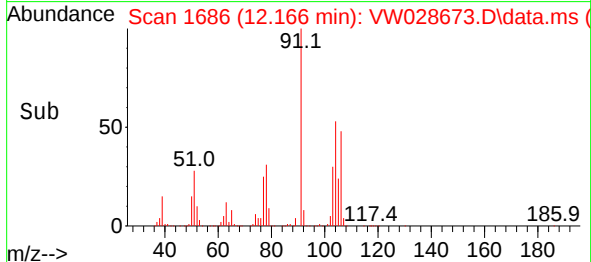
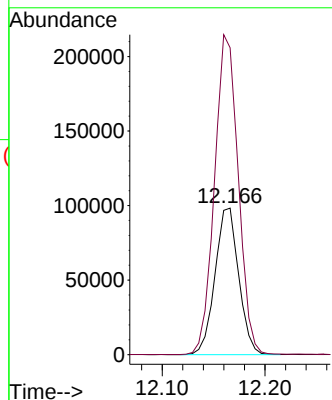
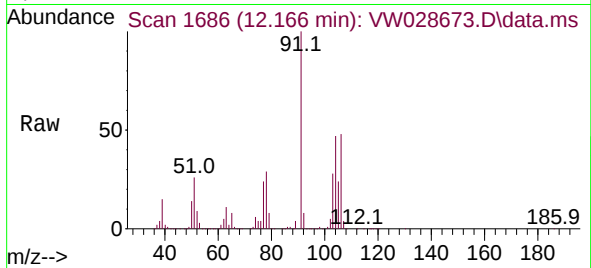




#54
o-Xylene
Concen: 28.389 ug/L
RT: 12.166 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW028673.D
Acq: 22 May 2024 08:41

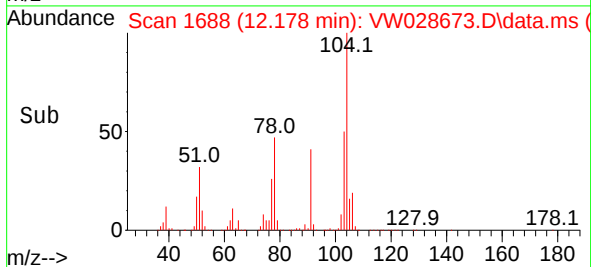
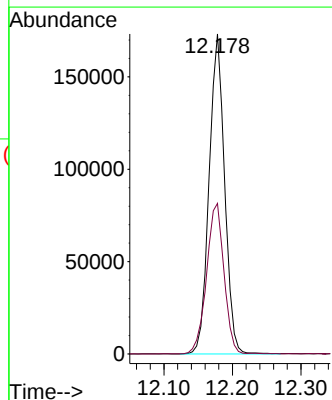
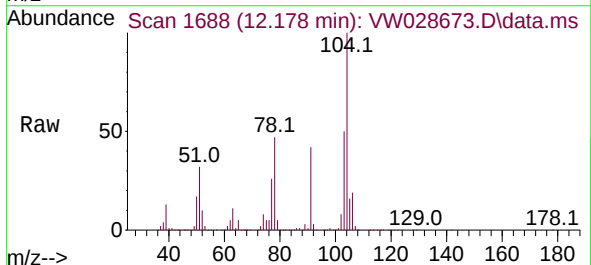
Instrument :
MSVOA_W
ClientSampleId :

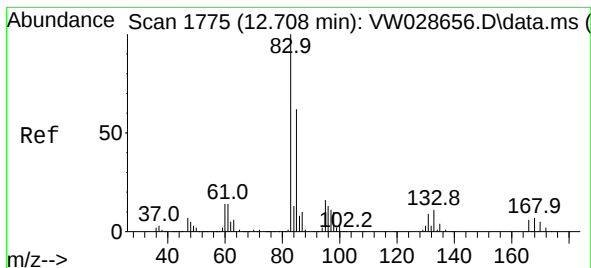
Tgt Ion:106 Resp: 157206
Ion Ratio Lower Upper
106 100
91 209.3 154.3 286.5



#55
Styrene
Concen: 29.062 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW028673.D
Acq: 22 May 2024 08:41

Tgt Ion:104 Resp: 272694
Ion Ratio Lower Upper
104 100
78 47.0 34.1 63.3





#57

1,1,2,2-Tetrachloroethane

Concen: 24.507 ug/L

RT: 12.709 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028673.D

Acq: 22 May 2024 08:41

Instrument :

MSVOA_W

ClientSampleId :

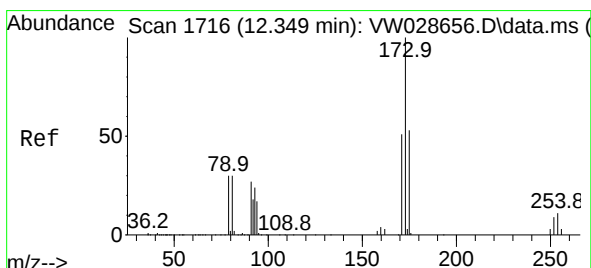
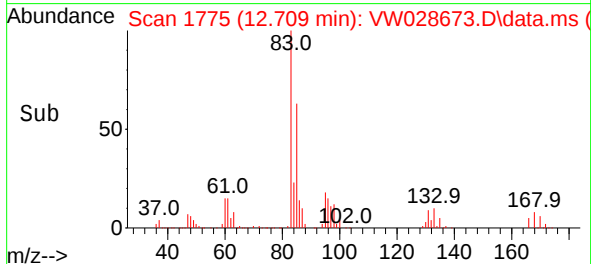
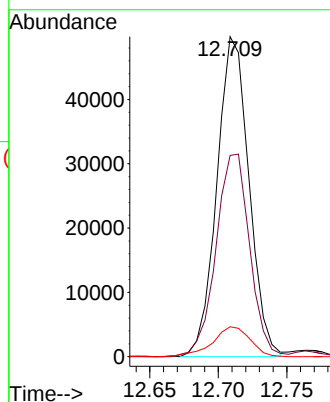
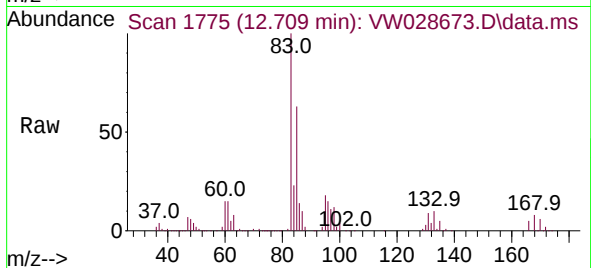
Tgt Ion: 83 Resp: 81085

Ion Ratio Lower Upper

83 100

85 62.9 45.6 84.6

131 9.4 7.3 10.9



#59

Bromoform

Concen: 24.341 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW028673.D

Acq: 22 May 2024 08:41

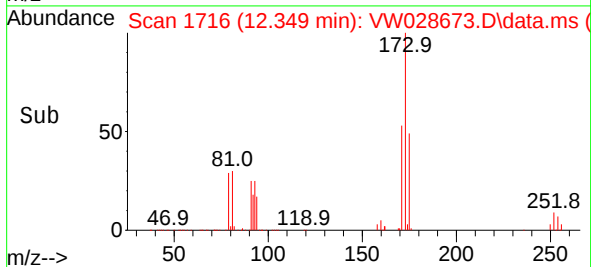
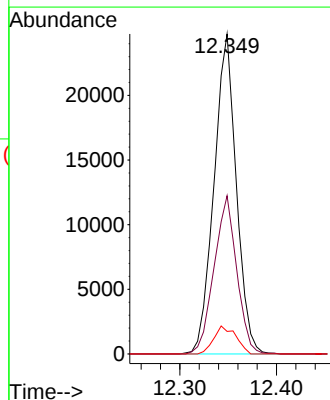
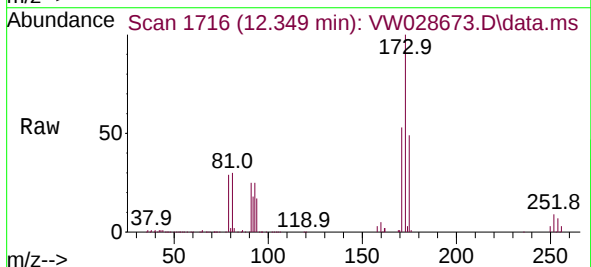
Tgt Ion:173 Resp: 39652

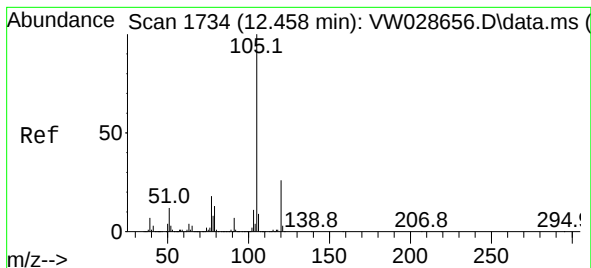
Ion Ratio Lower Upper

173 100

175 50.1 39.8 59.8

254 8.6 7.1 10.7





#60

Isopropylbenzene

Concen: 26.900 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

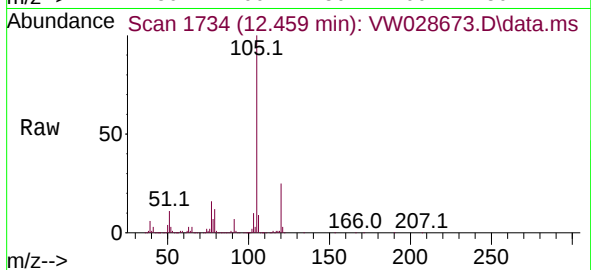
Lab File: VW028673.D

Acq: 22 May 2024 08:41

Instrument :

MSVOA_W

ClientSampleId :



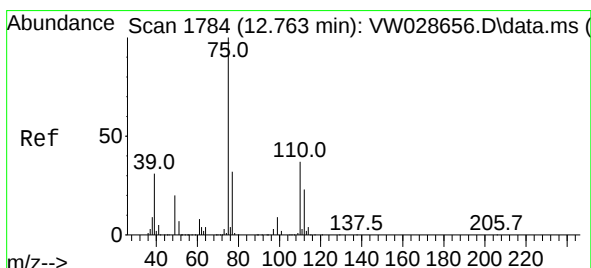
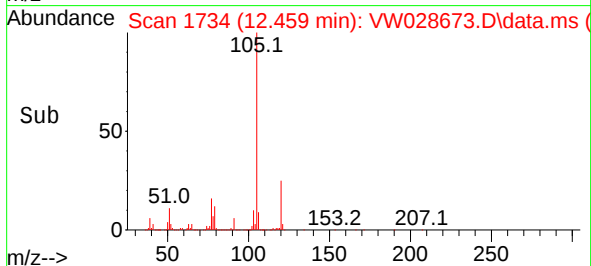
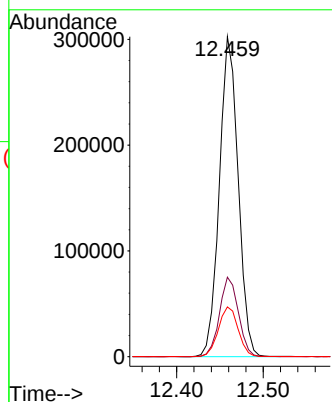
Tgt Ion:105 Resp: 455697

Ion Ratio Lower Upper

105 100

120 25.0 20.5 30.7

77 16.4 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 22.917 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW028673.D

Acq: 22 May 2024 08:41

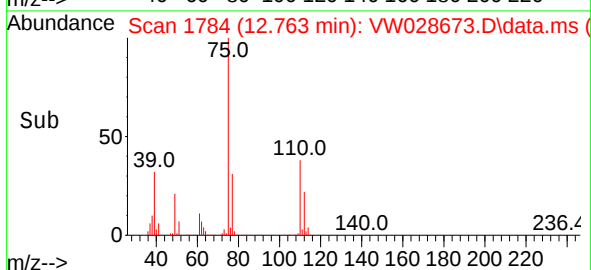
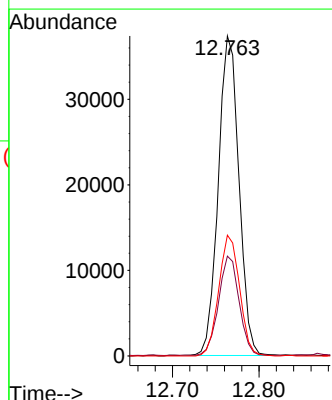
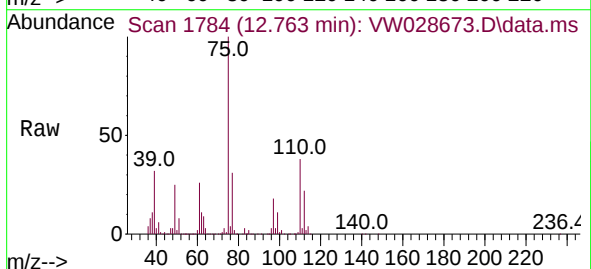
Tgt Ion: 75 Resp: 61842

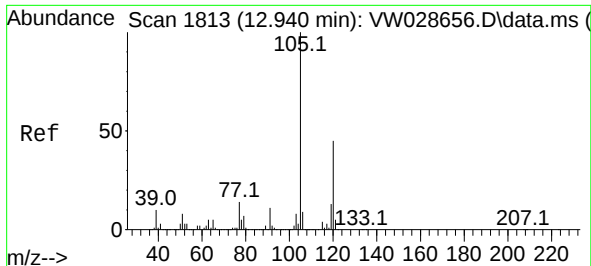
Ion Ratio Lower Upper

75 100

77 31.1 25.9 38.9

110 38.1 30.6 45.8





#62

1,3,5-Trimethylbenzene

Concen: 27.567 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW028673.D

Acq: 22 May 2024 08:41

Instrument :

MSVOA_W

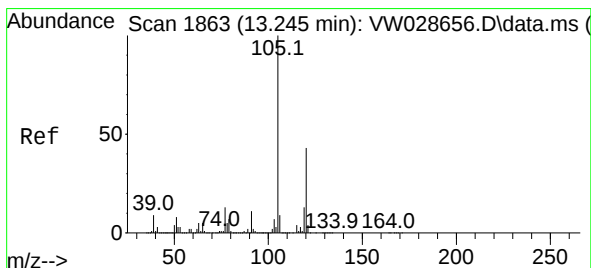
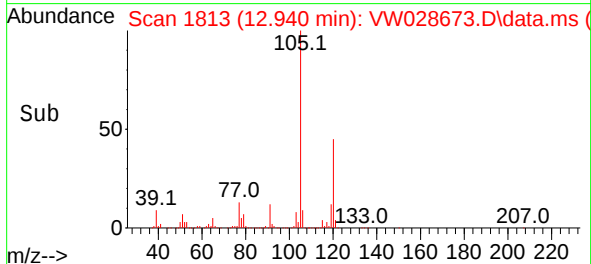
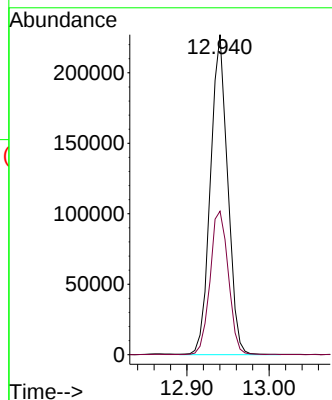
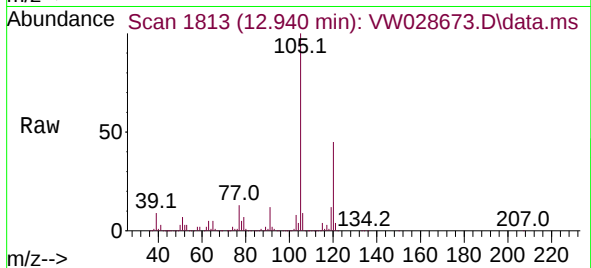
ClientSampleId :

Tgt Ion:105 Resp: 330419

Ion Ratio Lower Upper

105 100

120 47.3 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 27.140 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW028673.D

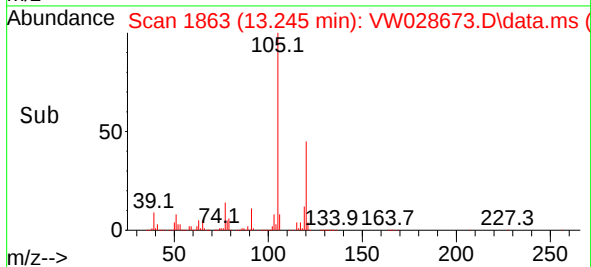
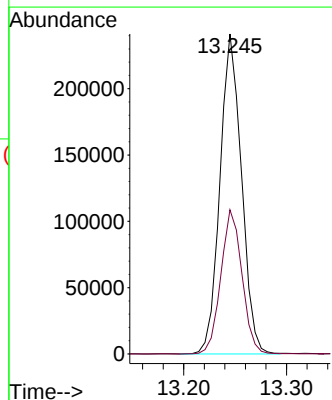
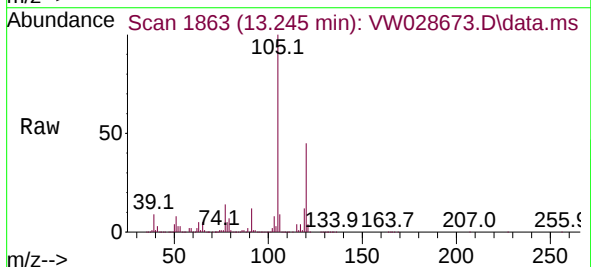
Acq: 22 May 2024 08:41

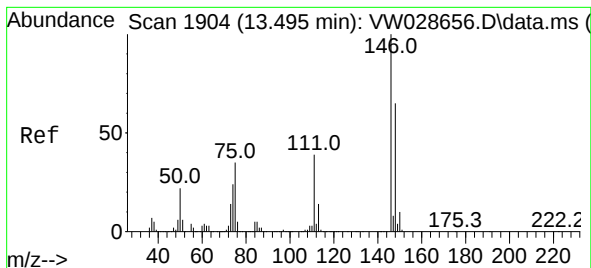
Tgt Ion:105 Resp: 350501

Ion Ratio Lower Upper

105 100

120 44.3 34.1 51.1





#64

1,3-Dichlorobenzene

Concen: 26.317 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW028673.D

Acq: 22 May 2024 08:41

Instrument :

MSVOA_W

ClientSampleId :

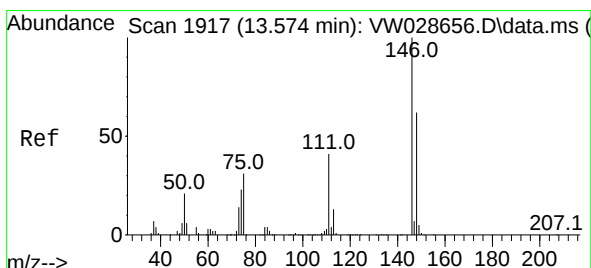
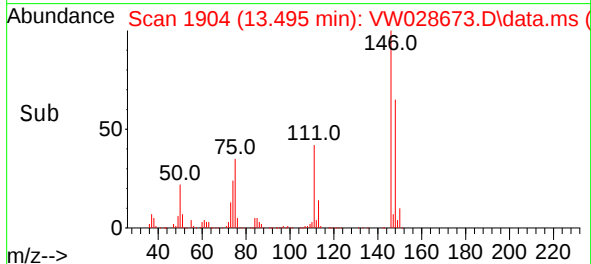
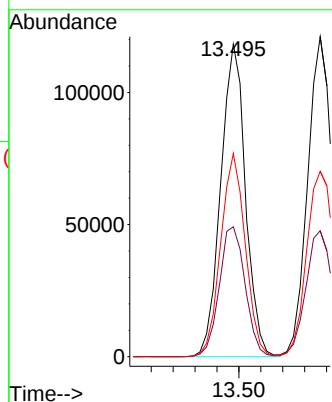
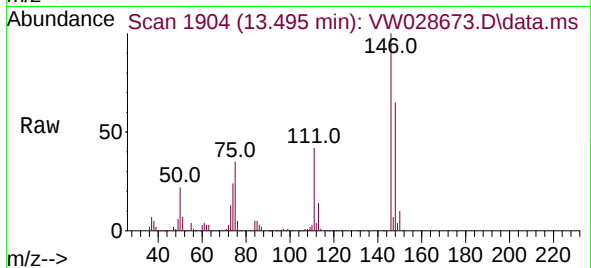
Tgt Ion:146 Resp: 185467

Ion Ratio Lower Upper

146 100

111 41.6 30.7 57.1

148 65.0 47.0 87.2



#65

1,4-Dichlorobenzene

Concen: 26.504 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW028673.D

Acq: 22 May 2024 08:41

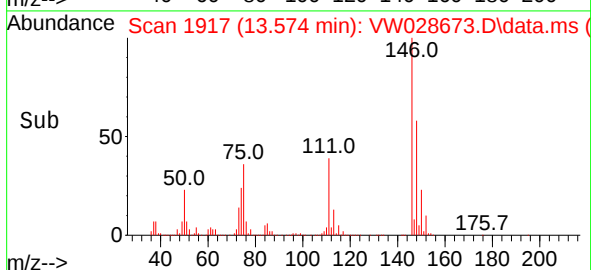
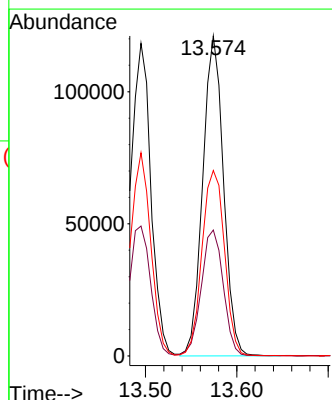
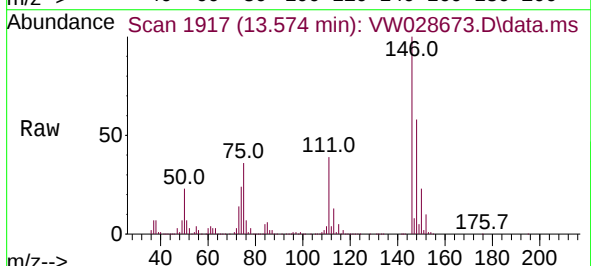
Tgt Ion:146 Resp: 190961

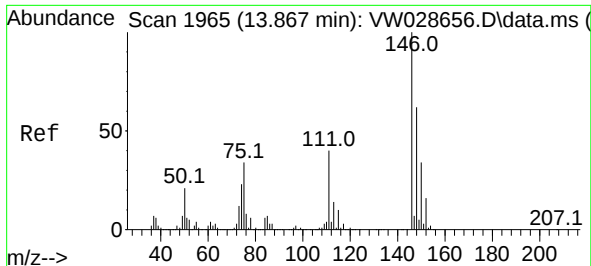
Ion Ratio Lower Upper

146 100

111 39.3 29.1 54.1

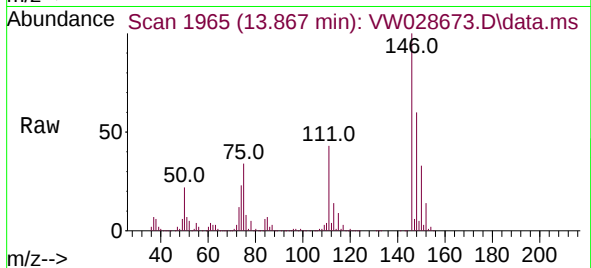
148 57.9 41.2 76.6



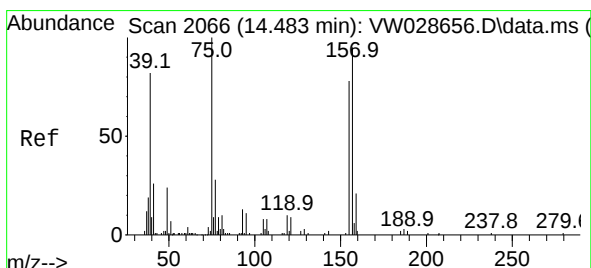
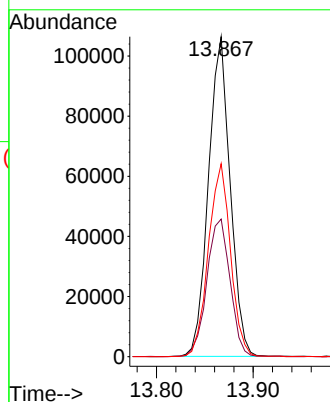
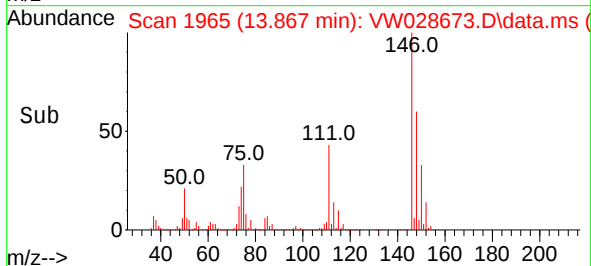


#67
1,2-Dichlorobenzene
Concen: 26.258 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW028673.D
Acq: 22 May 2024 08:41

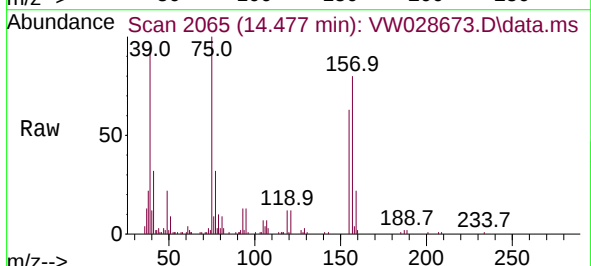
Instrument :
MSVOA_W
ClientSampleId :



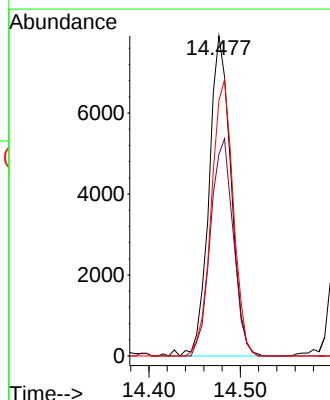
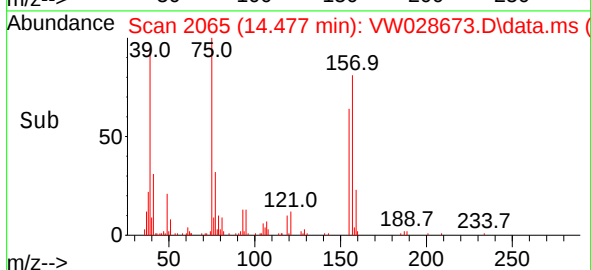
Tgt Ion:146 Resp: 165627
Ion Ratio Lower Upper
146 100
111 43.0 34.7 52.1
148 60.3 51.8 77.8

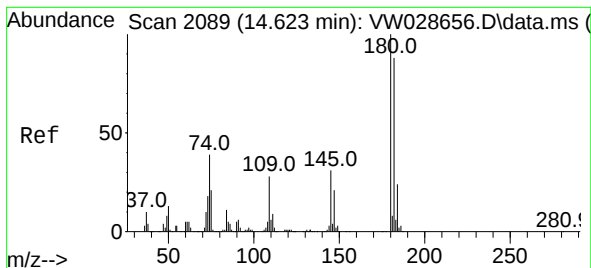


#68
1,2-Dibromo-3-chloropropane
Concen: 20.767 ug/L
RT: 14.477 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW028673.D
Acq: 22 May 2024 08:41



Tgt Ion: 75 Resp: 13103
Ion Ratio Lower Upper
75 100
155 63.0 55.1 82.7
157 79.8 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 25.684 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

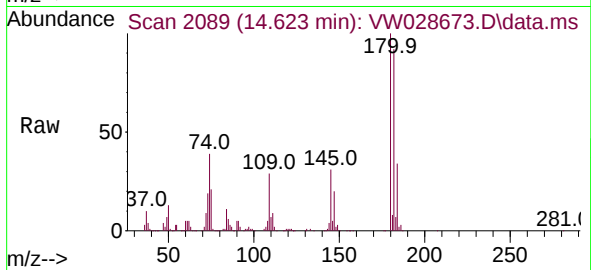
Lab File: VW028673.D

Acq: 22 May 2024 08:41

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 121460

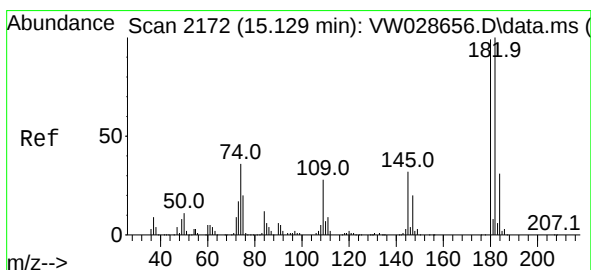
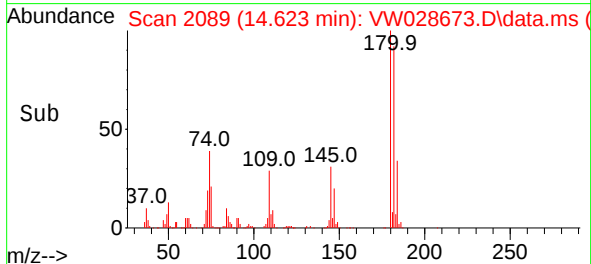
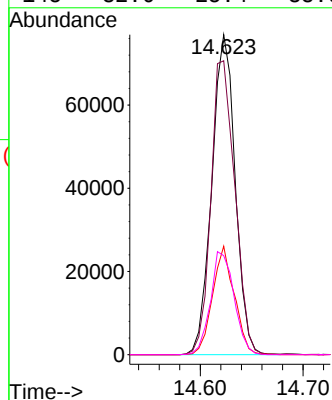
Ion Ratio Lower Upper

180 100

182 94.4 75.4 113.2

184 31.6 24.0 36.0

145 32.6 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 26.057 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028673.D

Acq: 22 May 2024 08:41

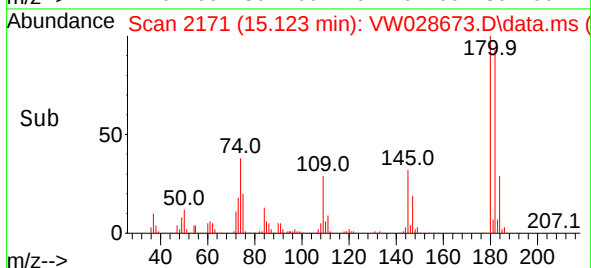
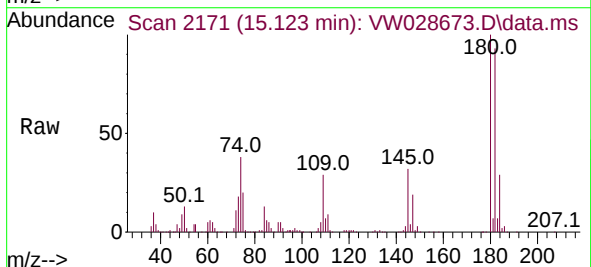
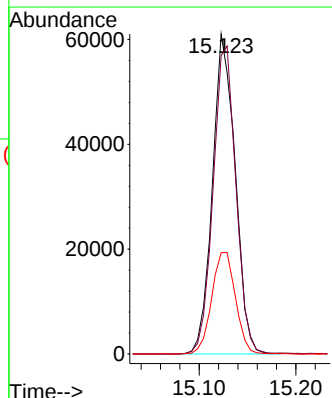
Tgt Ion:180 Resp: 99563

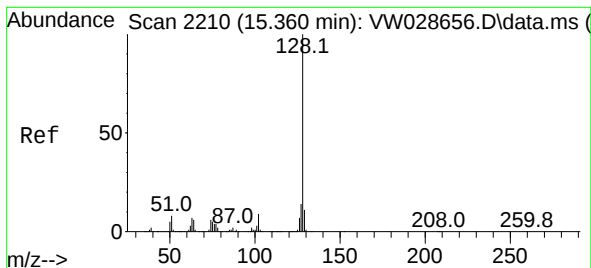
Ion Ratio Lower Upper

180 100

182 96.4 77.2 115.8

145 33.2 26.6 39.8





#71

Naphthalene

Concen: 23.639 ug/L

RT: 15.361 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW028673.D

Acq: 22 May 2024 08:41

Instrument :

MSVOA_W

ClientSampleId :

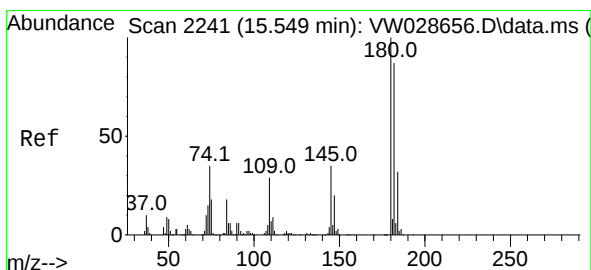
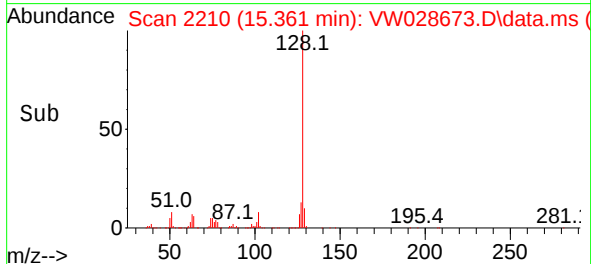
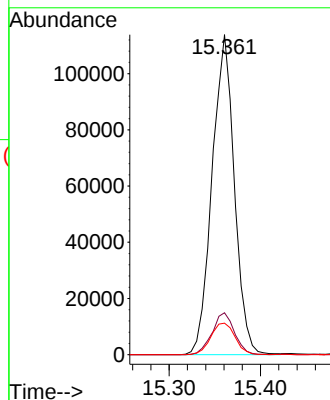
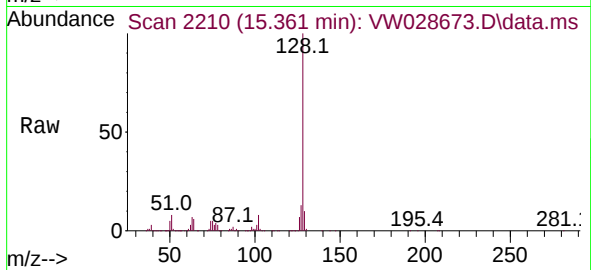
Tgt Ion:128 Resp: 192441

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 25.728 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW028673.D

Acq: 22 May 2024 08:41

Tgt Ion:180 Resp: 88709

Ion Ratio Lower Upper

180 100

182 93.2 76.1 114.1

145 34.7 28.3 42.5

