

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052124\
 Data File : VW028671.D
 Acq On : 21 May 2024 19:57
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 22 01:18:42 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	244566	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	226711	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	113817	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	80360	17.303	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.200%
7) Chloroethane-d5	2.905	69	72851	20.487	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.960%
11) 1,1-Dichloroethene-d2	4.027	65	36427	18.774	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.080%
21) 2-Butanone-d5	7.075	46	52456	43.294	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.580%
24) Chloroform-d	7.654	84	190682	24.952	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	8.306	65	104336	23.848	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	8.276	84	346069	22.879	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.520%
36) 1,2-Dichloropropane-d6	9.276	67	111801	24.563	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.240%
41) Toluene-d8	10.324	98	303307	22.643	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.560%
43) trans-1,3-Dichloroprop...	10.574	79	41745	22.799	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.200%
47) 2-Hexanone-d5	10.922	63	36529	46.532	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	92404	24.211	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.840%
66) 1,2-Dichlorobenzene-d4	13.854	152	103815	23.931	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	72731	20.464	ug/L	98
3) Chloromethane	2.228	50	107580	24.434	ug/L	100
5) Vinyl chloride	2.374	62	120334	24.275	ug/L	99
6) Bromomethane	2.789	94	73758	25.722	ug/L	98
8) Chloroethane	2.935	64	75830	26.823	ug/L	99
9) Trichlorofluoromethane	3.271	101	90162	22.155	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	91366	24.350	ug/L	93
12) 1,1-Dichloroethene	4.051	96	84034	24.966	ug/L	87
13) Acetone	4.124	43	36272	32.907	ug/L	96
14) Carbon disulfide	4.392	76	262239	23.053	ug/L	99
15) Methyl Acetate	4.673	43	43508	22.688	ug/L	100
16) Methylene chloride	4.923	84	100804	26.651	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	93453	26.669	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	145901	28.214	ug/L	99
19) 1,1-Dichloroethane	6.221	63	195035	28.067	ug/L	99
20) cis-1,2-Dichloroethene	7.172	96	105255	28.700	ug/L	96
22) 2-Butanone	7.166	43	56449	39.900	ug/L	97
23) Bromochloromethane	7.514	128	44045	27.533	ug/L	93
25) Chloroform	7.678	83	195268	29.053	ug/L	98

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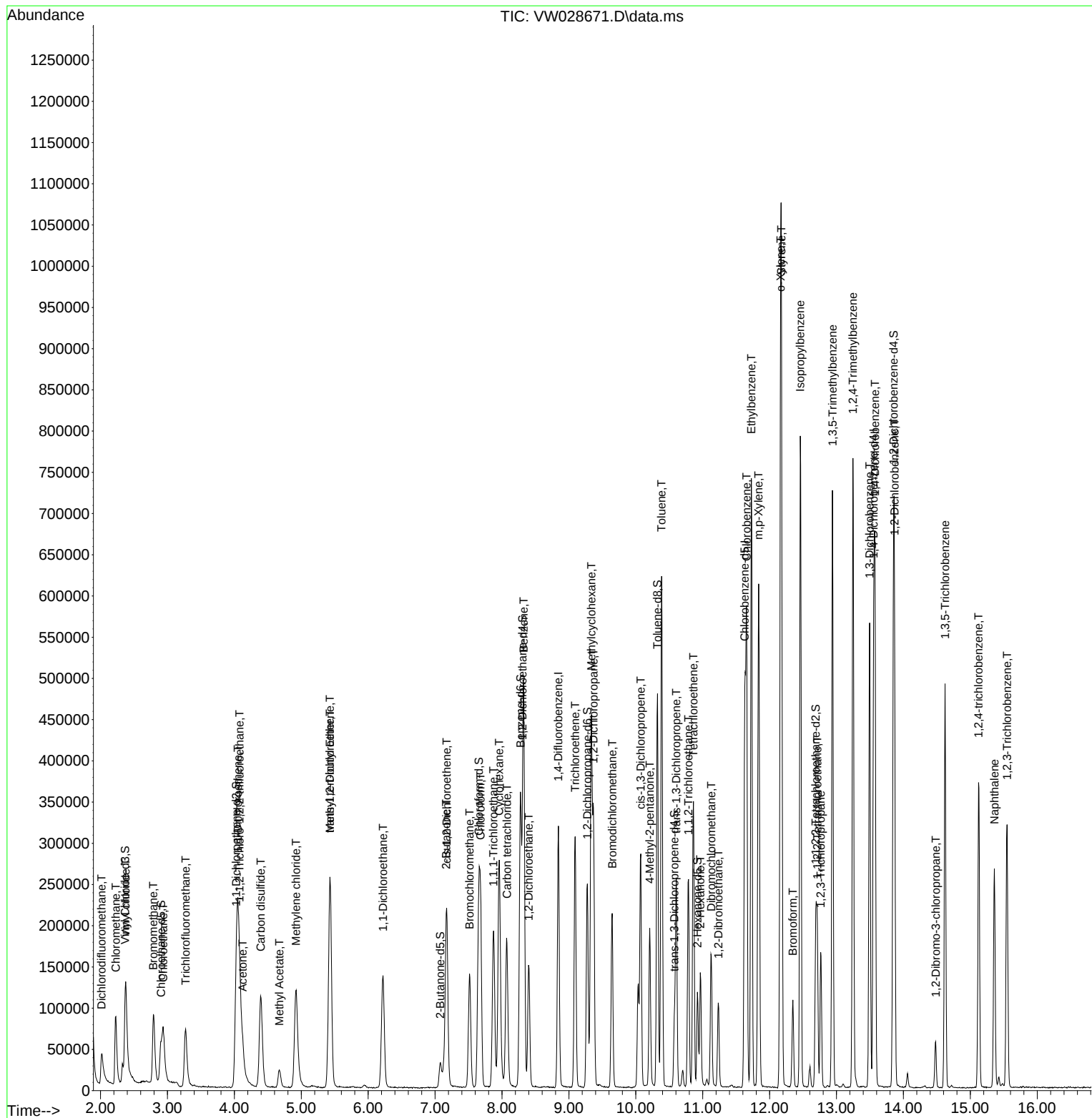
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	138253	28.297	ug/L	96
29) Cyclohexane	7.959	56	153757	23.786	ug/L	99
30) 1,1,1-Trichloroethane	7.873	97	151032	26.585	ug/L	99
31) Carbon tetrachloride	8.075	117	132235	25.529	ug/L	100
33) Benzene	8.325	78	412286	28.044	ug/L	100
34) Trichloroethene	9.093	95	105968	26.885	ug/L	95
35) Methylcyclohexane	9.337	83	168836	24.511	ug/L	99
37) 1,2-Dichloropropane	9.367	63	110157	28.756	ug/L	100
38) Bromodichloromethane	9.648	83	138217	29.599	ug/L	96
39) cis-1,3-Dichloropropene	10.074	75	156914	28.579	ug/L	96
40) 4-Methyl-2-pentanone	10.208	43	129291	49.590	ug/L	100
42) Toluene	10.385	91	436274	28.732	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	130340	28.155	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	77397	27.890	ug/L	96
46) Tetrachloroethene	10.861	164	77569	27.315	ug/L	95
48) 2-Hexanone	10.964	43	87748	47.672	ug/L	99
49) Dibromochloromethane	11.129	129	82064	29.483	ug/L	95
50) 1,2-Dibromoethane	11.233	107	67819	26.089	ug/L	99
51) Chlorobenzene	11.653	112	274468	29.222	ug/L	96
52) Ethylbenzene	11.726	91	497415	28.947	ug/L	95
53) m,p-Xylene	11.836	106	181245	28.775	ug/L	95
54) o-Xylene	12.165	106	177358	30.436	ug/L	99
55) Styrene	12.178	104	309186	31.314	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	90716	26.056	ug/L	98
59) Bromoform	12.348	173	42802	25.777	ug/L	97
60) Isopropylbenzene	12.458	105	480969	27.854	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	66211	24.071	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	362423	29.665	ug/L	100
63) 1,2,4-Trimethylbenzene	13.244	105	399175	30.324	ug/L	100
64) 1,3-Dichlorobenzene	13.494	146	208931	29.085	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	208646	28.410	ug/L	96
67) 1,2-Dichlorobenzene	13.866	146	188984	29.394	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	14152	22.005	ug/L	94
69) 1,3,5-Trichlorobenzene	14.622	180	132196	27.425	ug/L	97
70) 1,2,4-trichlorobenzene	15.122	180	107951	27.717	ug/L	95
71) Naphthalene	15.360	128	209918	25.297	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	101222	28.801	ug/L	96

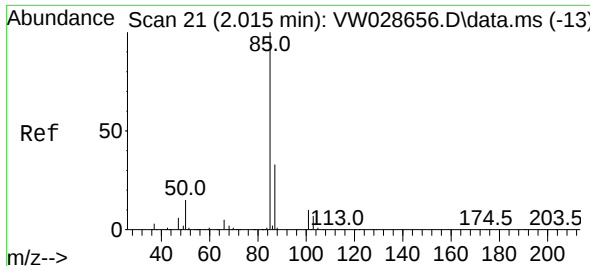
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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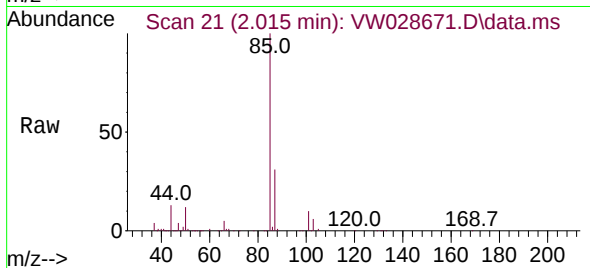
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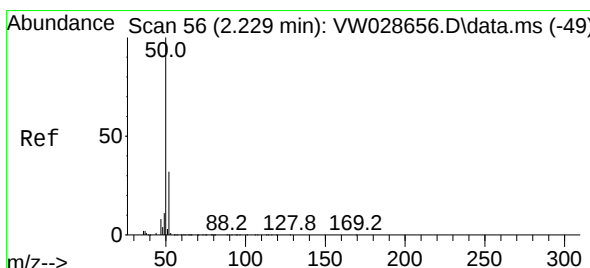
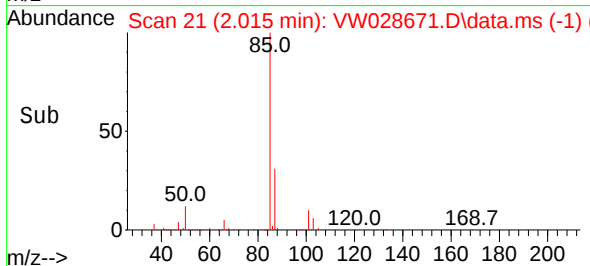
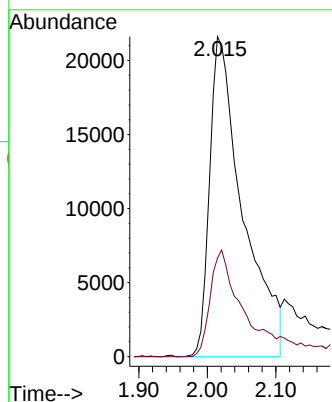


#2
 Dichlorodifluoromethane
 Concen: 20.464 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028671.D
 Acq: 21 May 2024 19:57

Instrument :
 MSVOA_W
 ClientSampleId :

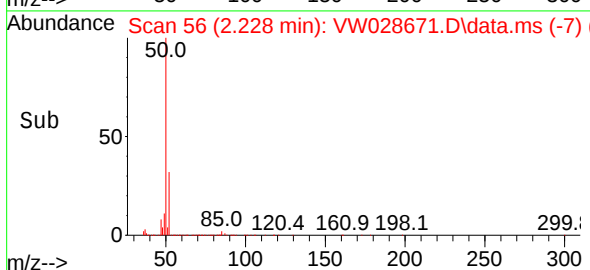
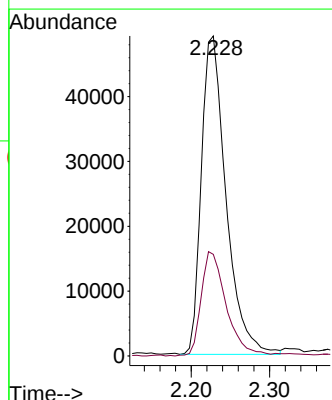
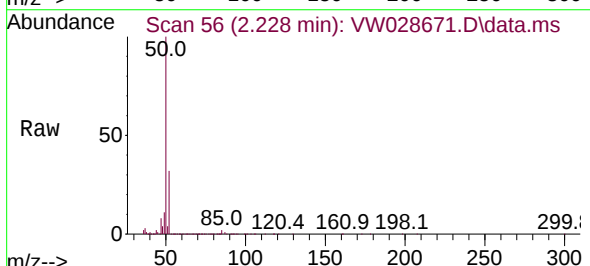


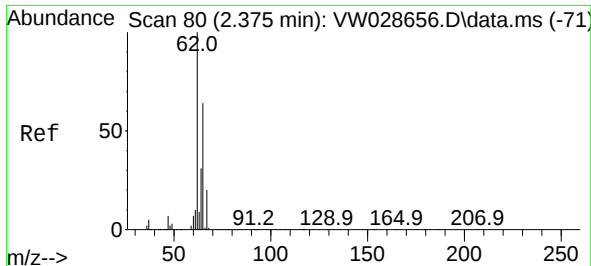
Tgt Ion: 85 Resp: 72731
 Ion Ratio Lower Upper
 85 100
 87 28.4 21.9 32.9



#3
 Chloromethane
 Concen: 24.434 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VW028671.D
 Acq: 21 May 2024 19:57

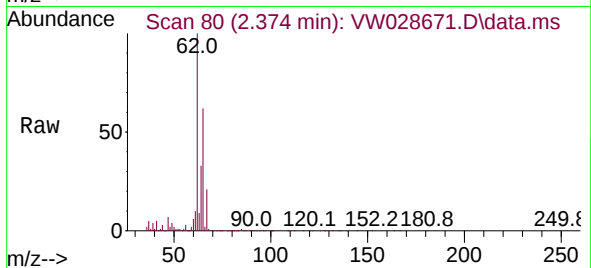
Tgt Ion: 50 Resp: 107580
 Ion Ratio Lower Upper
 50 100
 52 31.8 22.0 41.0



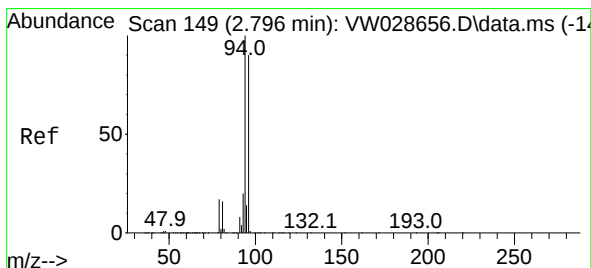
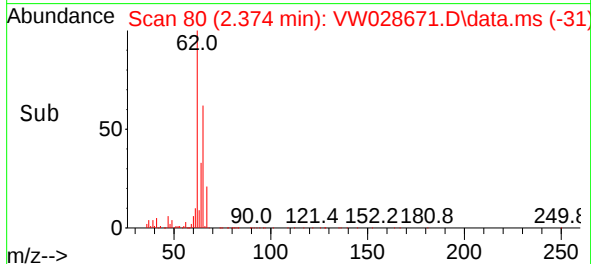
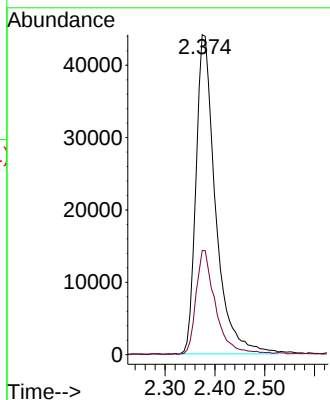


#5
 Vinyl chloride
 Concen: 24.275 ug/L
 RT: 2.374 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028671.D
 Acq: 21 May 2024 19:57

Instrument :
 MSVOA_W
 ClientSampleId :

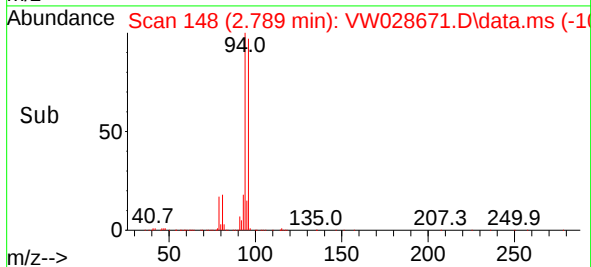
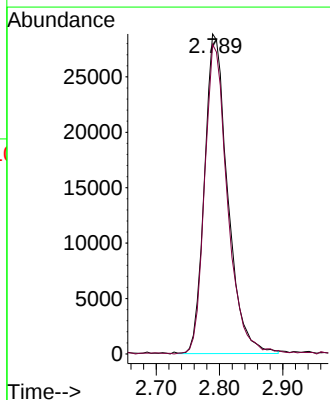
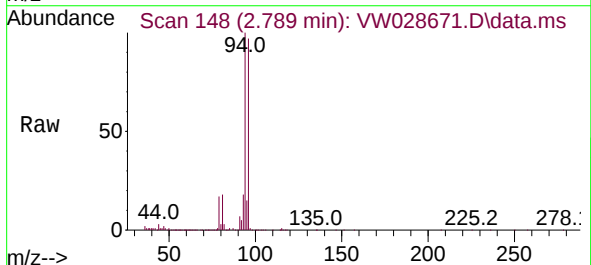


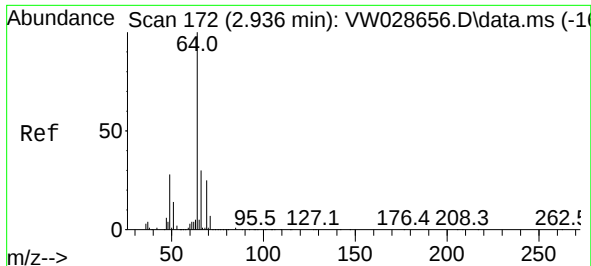
Tgt Ion: 62 Resp: 120334
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.3 43.3



#6
 Bromomethane
 Concen: 25.722 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.007 min
 Lab File: VW028671.D
 Acq: 21 May 2024 19:57

Tgt Ion: 94 Resp: 73758
 Ion Ratio Lower Upper
 94 100
 96 96.8 66.3 123.1

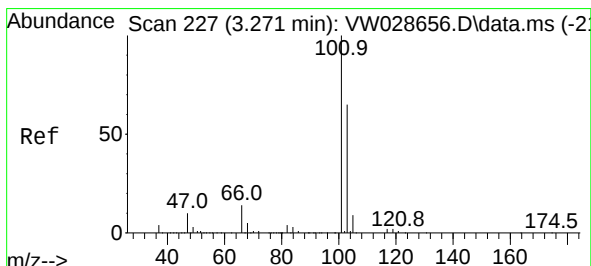
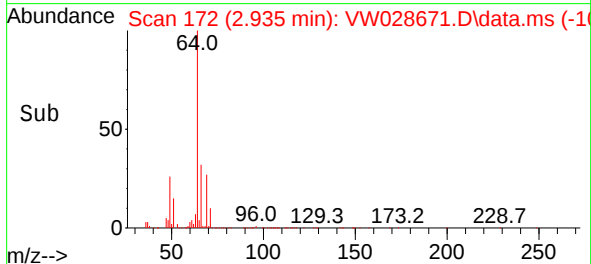
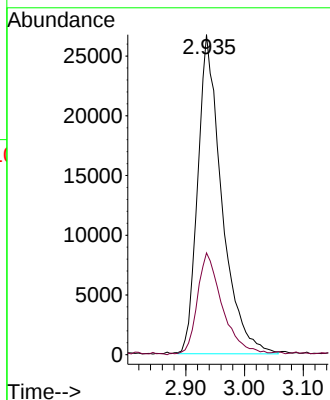
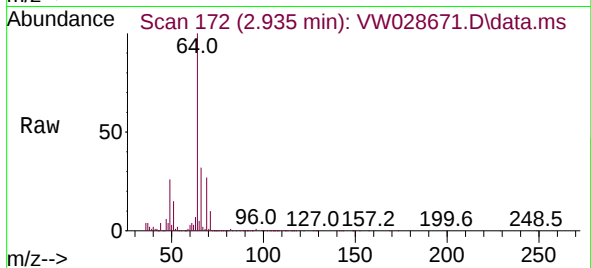




#8
Chloroethane
Concen: 26.823 ug/L
RT: 2.935 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW028671.D
Acq: 21 May 2024 19:57

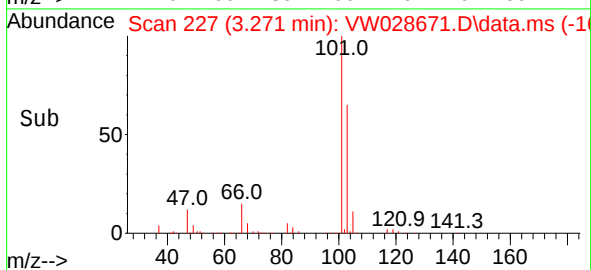
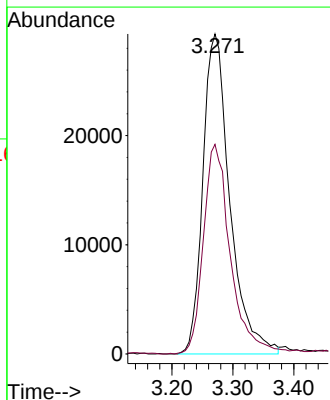
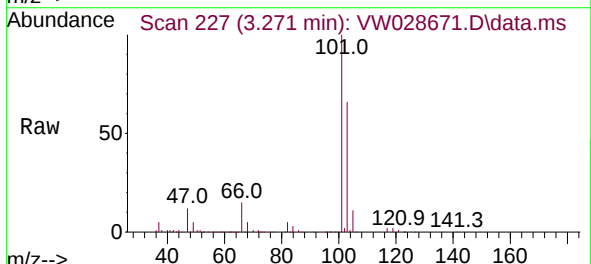
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MSVOA_W
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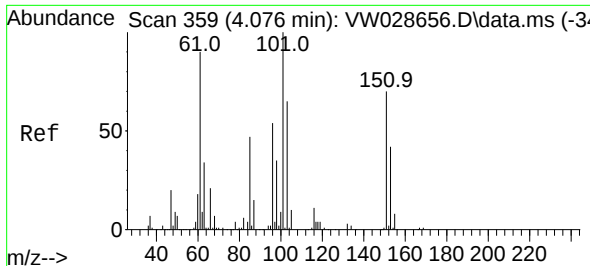
Tgt Ion: 64 Resp: 75830
Ion Ratio Lower Upper
64 100
66 31.8 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.155 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028671.D
Acq: 21 May 2024 19:57

Tgt Ion:101 Resp: 90162
Ion Ratio Lower Upper
101 100
103 65.6 50.4 75.6





#10

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

Concen: 24.350 ug/L

RT: 4.075 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW028671.D

Acq: 21 May 2024 19:57

Instrument :

MSVOA_W

ClientSampleId :

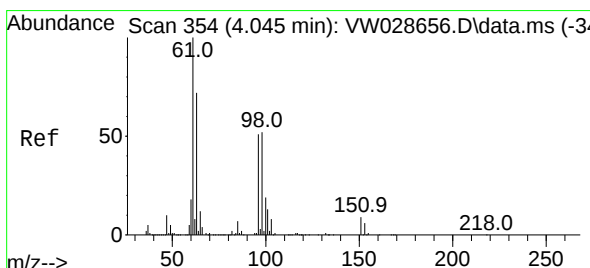
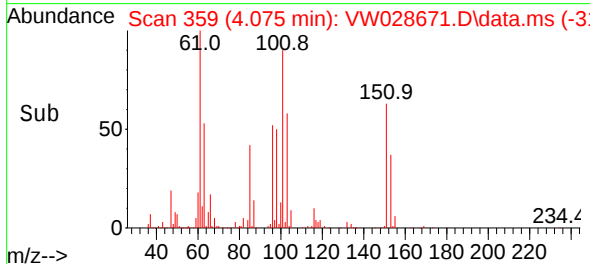
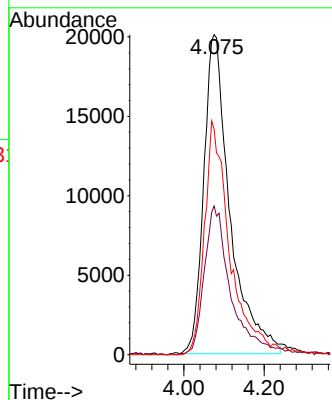
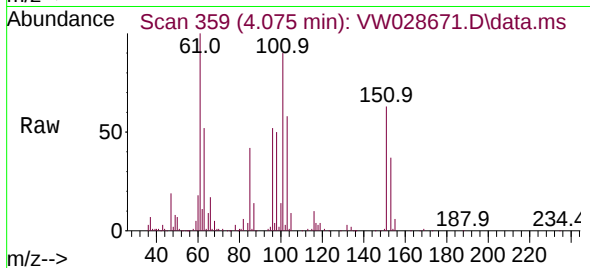
Tgt Ion:101 Resp: 91366

Ion Ratio Lower Upper

101 100

85 42.7 35.8 53.8

151 69.8 49.6 74.4



#12

1,1-Dichloroethene

Concen: 24.966 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW028671.D

Acq: 21 May 2024 19:57

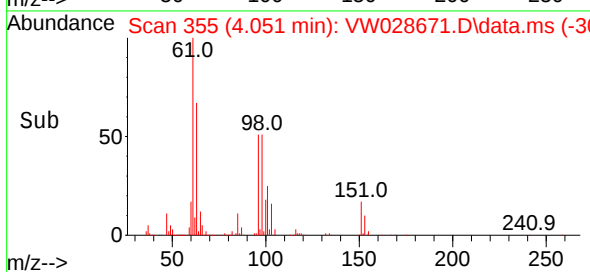
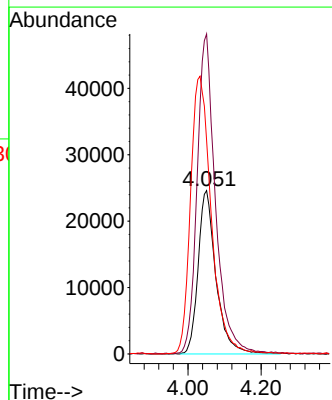
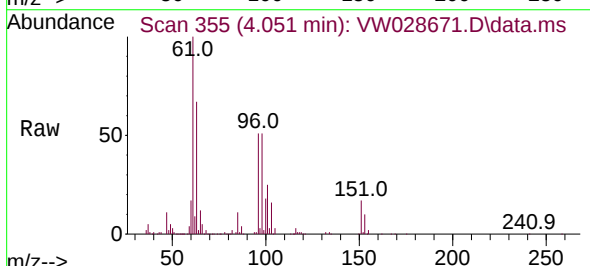
Tgt Ion: 96 Resp: 84034

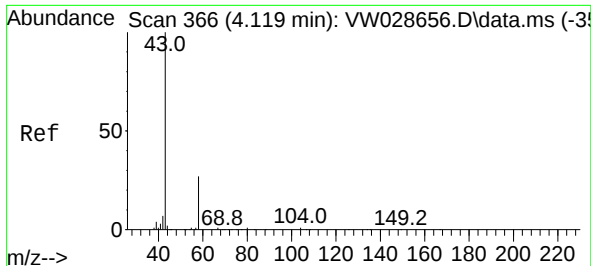
Ion Ratio Lower Upper

96 100

61 195.9 131.6 244.4

63 130.8 111.4 206.8

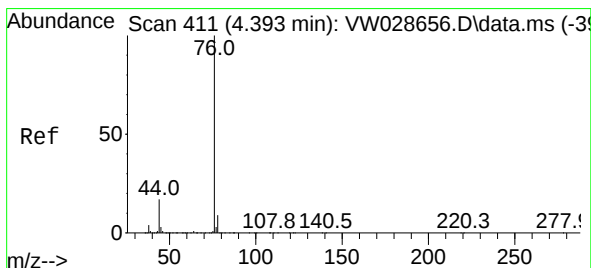
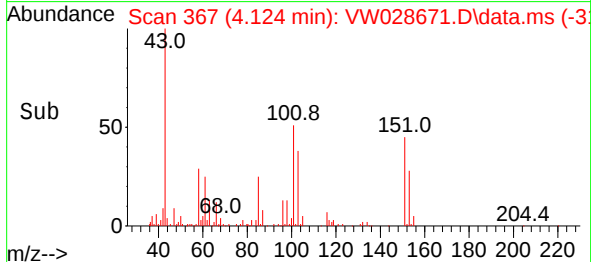
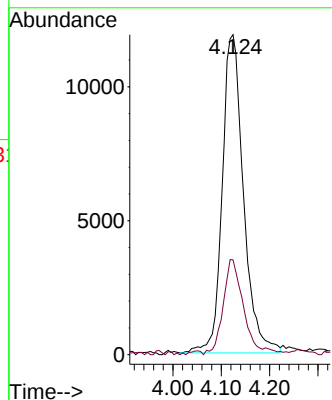
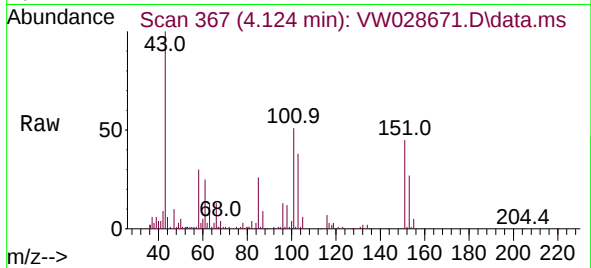




#13
Acetone
Concen: 32.907 ug/L
RT: 4.124 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW028671.D
Acq: 21 May 2024 19:57

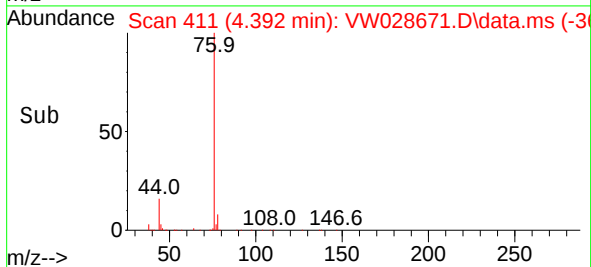
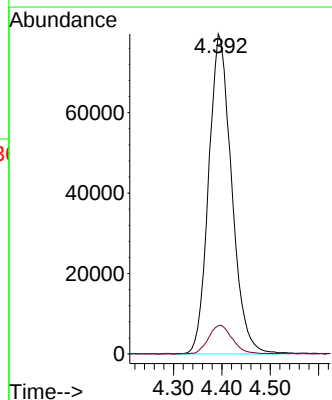
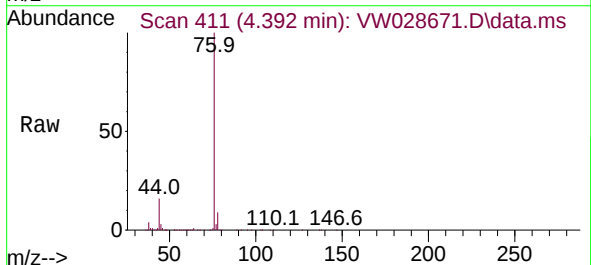
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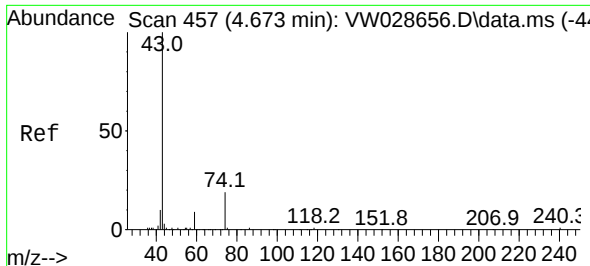
Tgt Ion: 43 Resp: 36272
Ion Ratio Lower Upper
43 100
58 25.1 0.0 54.4



#14
Carbon disulfide
Concen: 23.053 ug/L
RT: 4.392 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW028671.D
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Tgt Ion: 76 Resp: 262239
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0





#15

Methyl Acetate

Concen: 22.688 ug/L

RT: 4.673 min Scan# 4

Delta R.T. -0.000 min

Lab File: VW028671.D

Acq: 21 May 2024 19:57

Instrument :

MSVOA_W

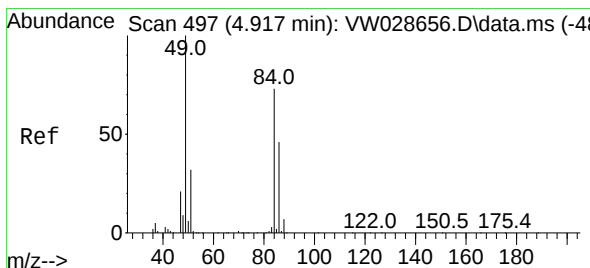
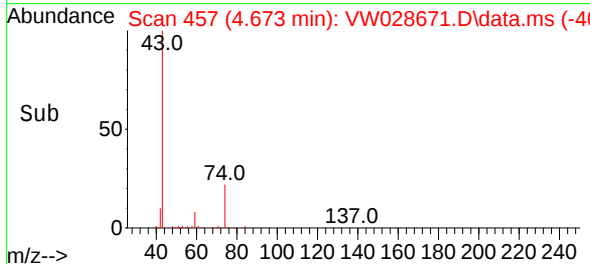
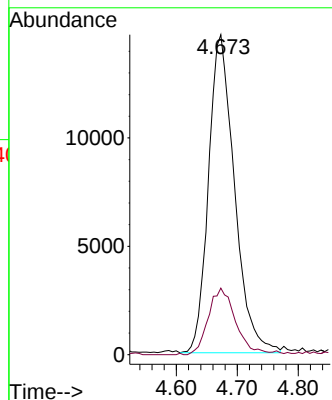
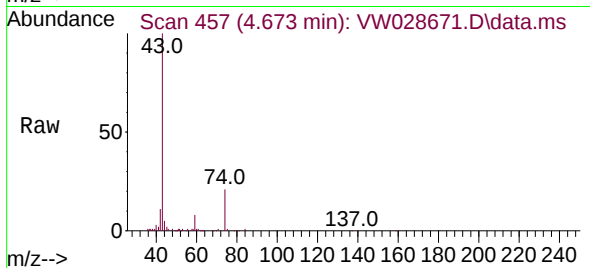
ClientSampleId :

Tgt Ion: 43 Resp: 43508

Ion Ratio Lower Upper

43 100

74 21.8 17.6 26.4



#16

Methylene chloride

Concen: 26.651 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.006 min

Lab File: VW028671.D

Acq: 21 May 2024 19:57

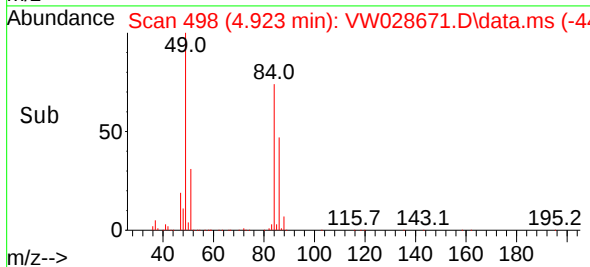
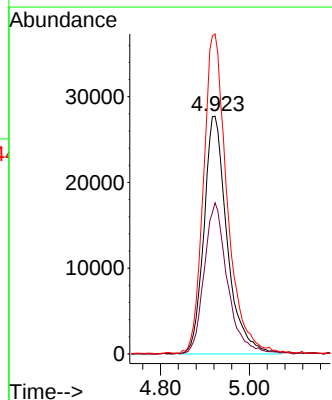
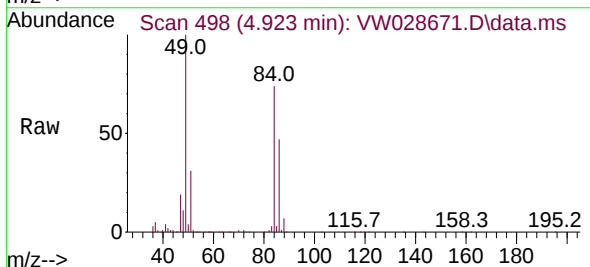
Tgt Ion: 84 Resp: 100804

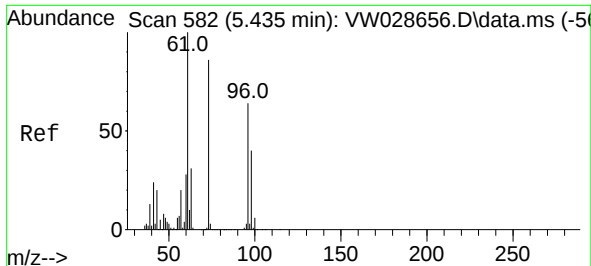
Ion Ratio Lower Upper

84 100

86 63.6 44.4 82.4

49 134.6 100.2 186.2





#17

trans-1,2-Dichloroethene

Concen: 26.669 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.007 min

Lab File: VW028671.D

Acq: 21 May 2024 19:57

Instrument :

MSVOA_W

ClientSampleId :

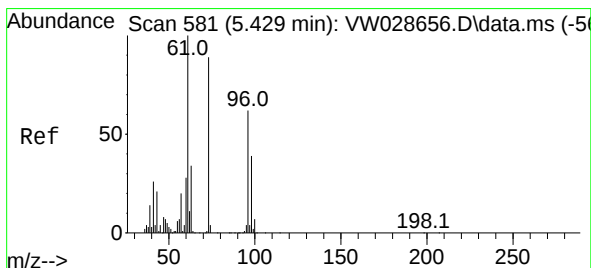
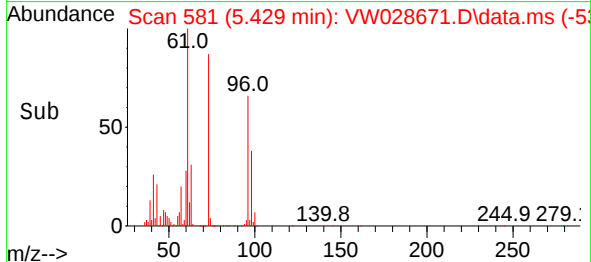
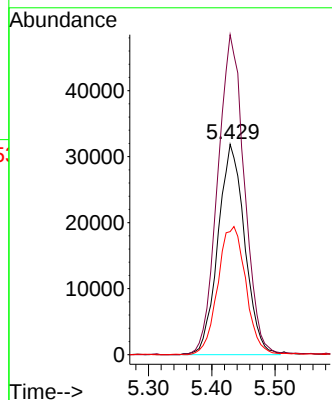
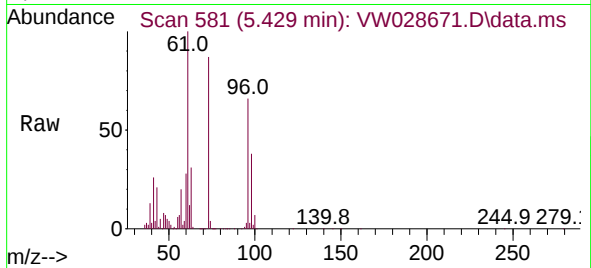
Tgt Ion: 96 Resp: 93453

Ion Ratio Lower Upper

96 100

61 152.1 109.0 202.4

98 58.5 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 28.214 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW028671.D

Acq: 21 May 2024 19:57

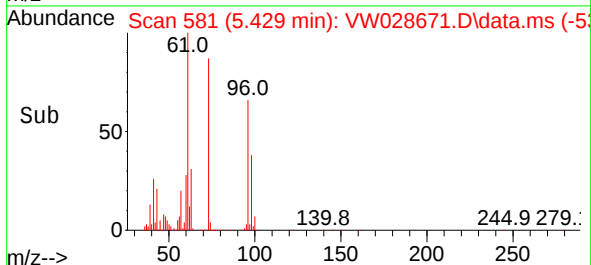
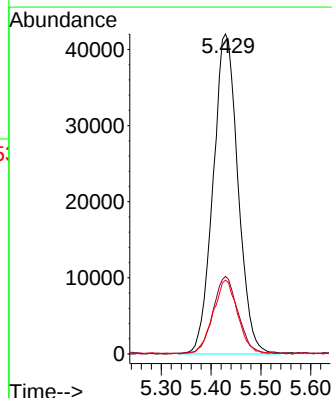
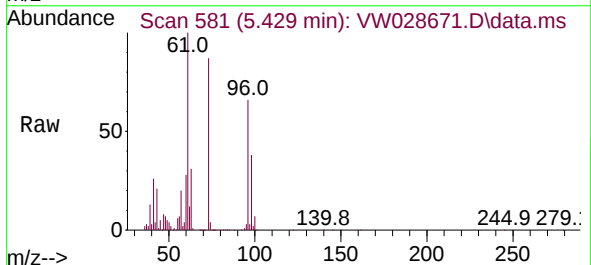
Tgt Ion: 73 Resp: 145901

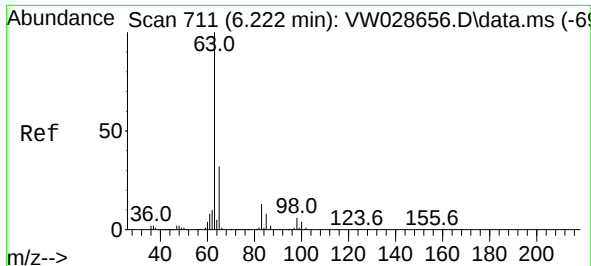
Ion Ratio Lower Upper

73 100

43 23.9 19.2 28.8

57 22.5 18.5 27.7

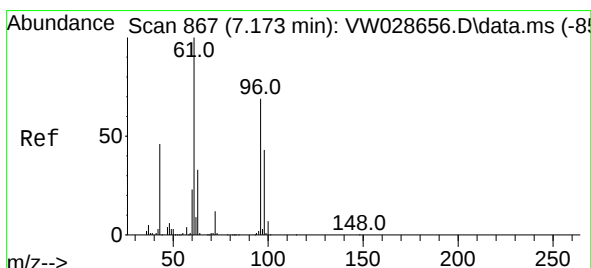
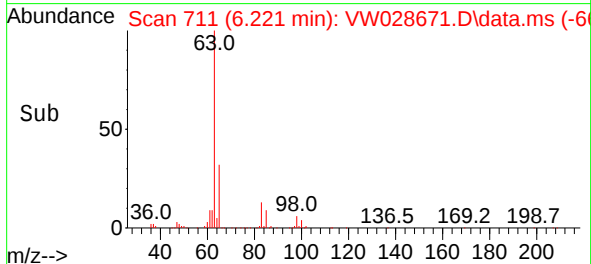
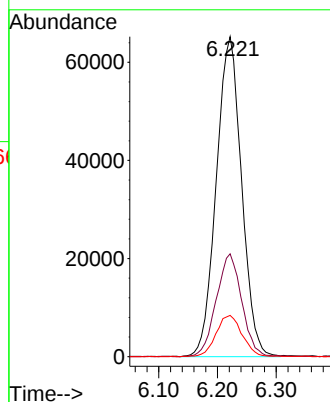
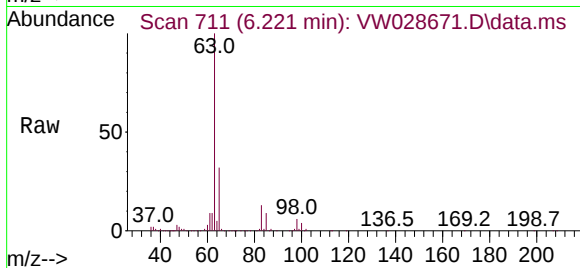




#19
1,1-Dichloroethane
Concen: 28.067 ug/L
RT: 6.221 min Scan# 711
Delta R.T. -0.000 min
Lab File: VW028671.D
Acq: 21 May 2024 19:57

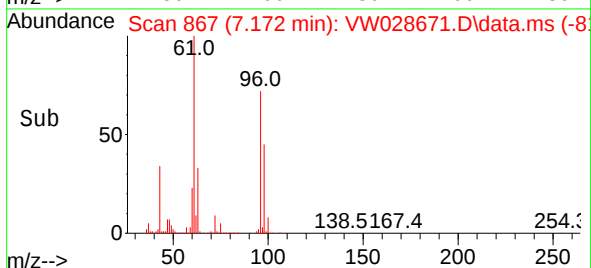
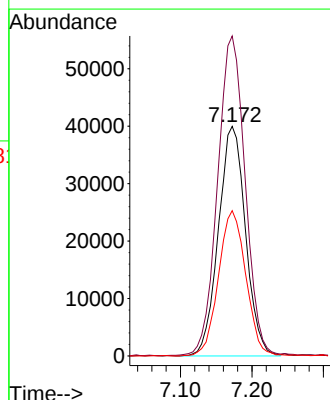
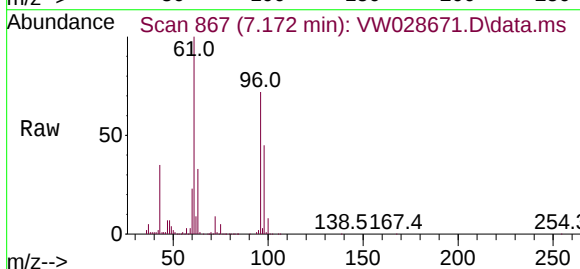
Instrument :
MSVOA_W
ClientSampleId :

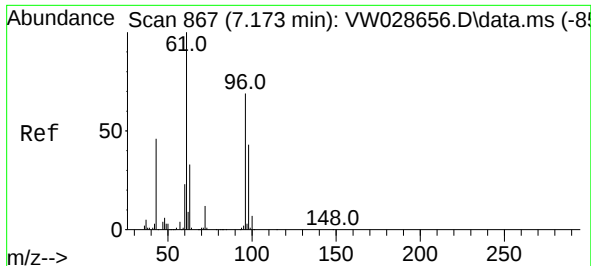
Tgt Ion: 63 Resp: 195035
Ion Ratio Lower Upper
63 100
65 32.1 22.9 42.5
83 12.9 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 28.700 ug/L
RT: 7.172 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW028671.D
Acq: 21 May 2024 19:57

Tgt Ion: 96 Resp: 105255
Ion Ratio Lower Upper
96 100
61 139.4 102.8 191.0
98 63.3 44.3 82.3





#22

2-Butanone

Concen: 39.900 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.007 min

Lab File: VW028671.D

Acq: 21 May 2024 19:57

Instrument :

MSVOA_W

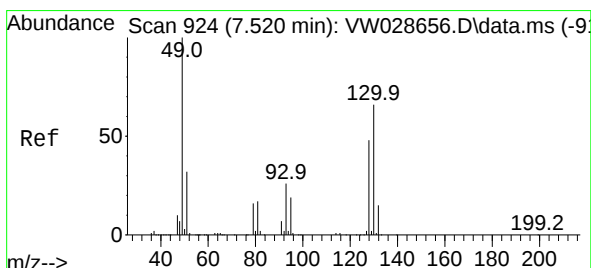
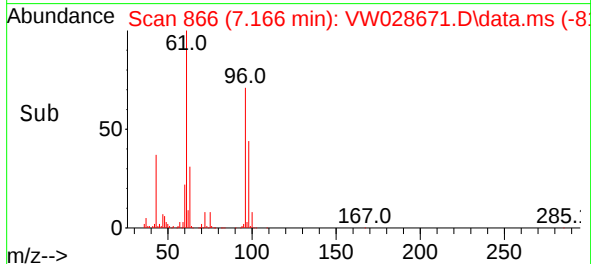
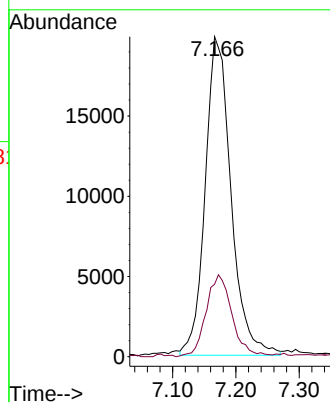
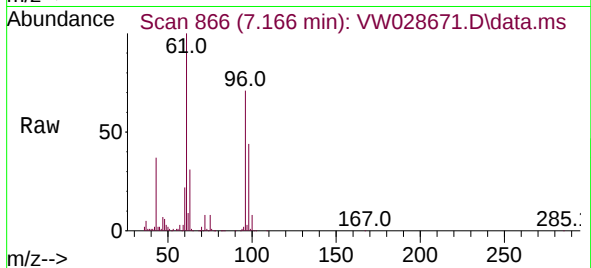
ClientSampleId :

Tgt Ion: 43 Resp: 56449

Ion Ratio Lower Upper

43 100

72 25.8 12.2 36.6



#23

Bromochloromethane

Concen: 27.533 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.007 min

Lab File: VW028671.D

Acq: 21 May 2024 19:57

Tgt Ion: 128 Resp: 44045

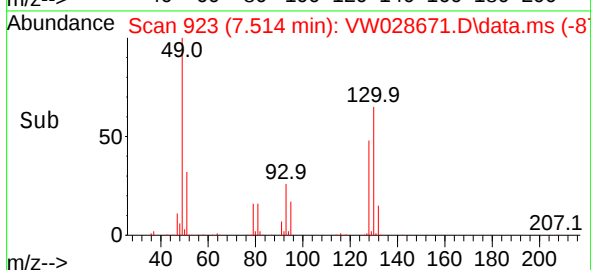
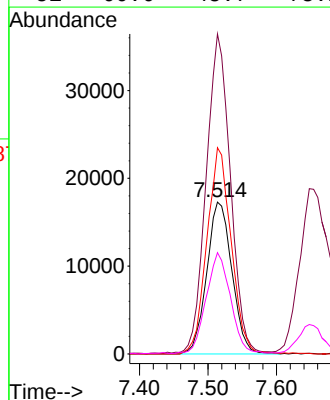
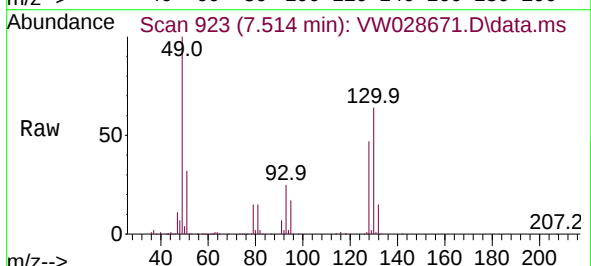
Ion Ratio Lower Upper

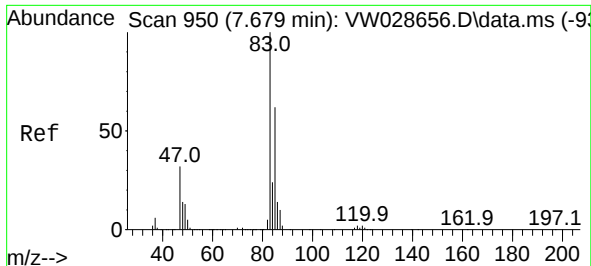
128 100

49 210.7 139.6 259.2

130 135.8 91.2 169.4

51 66.6 48.7 73.1





#25

Chloroform

Concen: 29.053 ug/L

RT: 7.678 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW028671.D

Acq: 21 May 2024 19:57

Instrument :

MSVOA_W

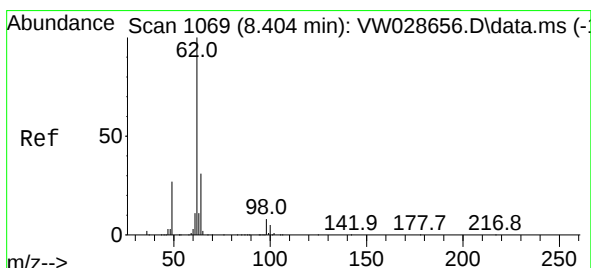
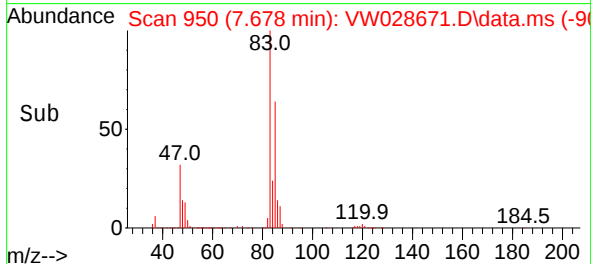
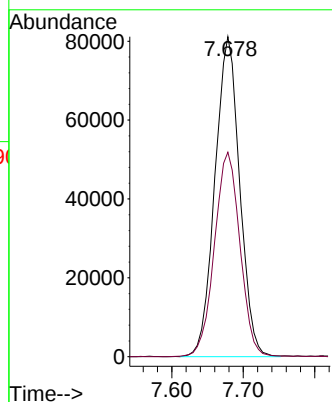
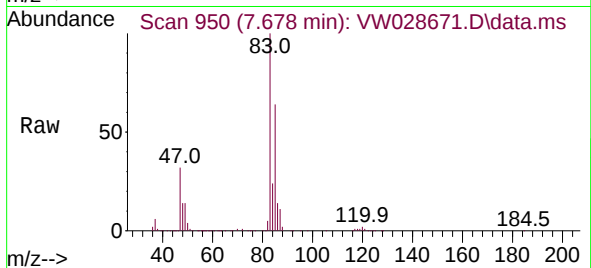
ClientSampleId :

Tgt Ion: 83 Resp: 195268

Ion Ratio Lower Upper

83 100

85 63.9 43.4 80.6



#27

1,2-Dichloroethane

Concen: 28.297 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.007 min

Lab File: VW028671.D

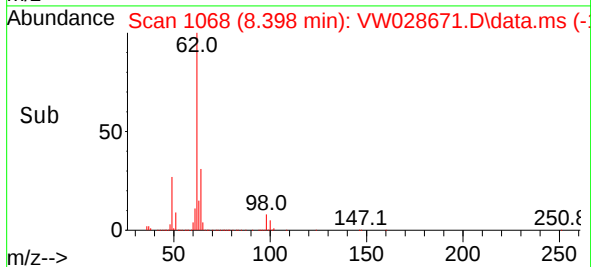
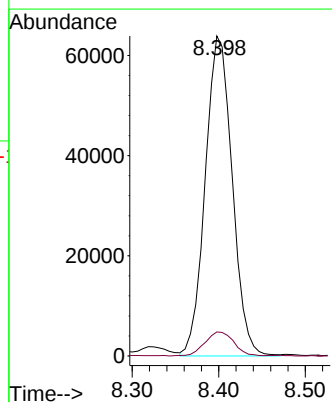
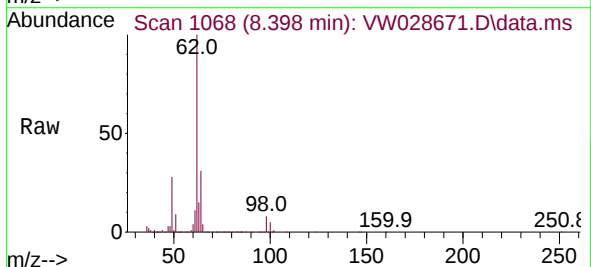
Acq: 21 May 2024 19:57

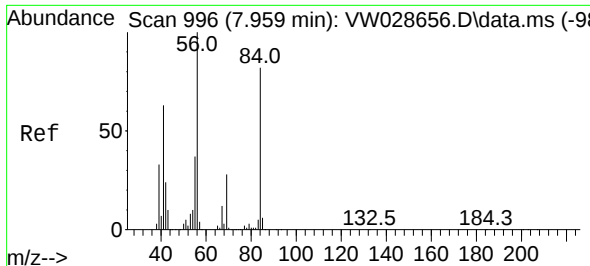
Tgt Ion: 62 Resp: 138253

Ion Ratio Lower Upper

62 100

98 7.5 7.0 10.6





#29

Cyclohexane

Concen: 23.786 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW028671.D

Acq: 21 May 2024 19:57

Instrument :

MSVOA_W

ClientSampleId :

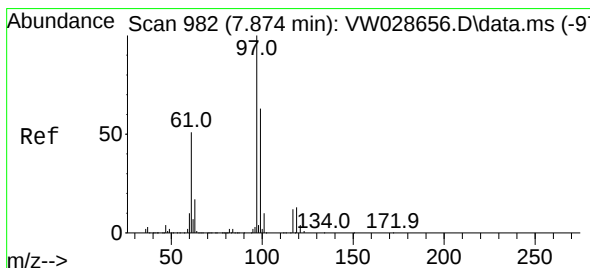
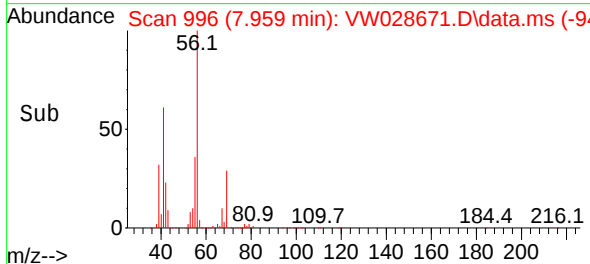
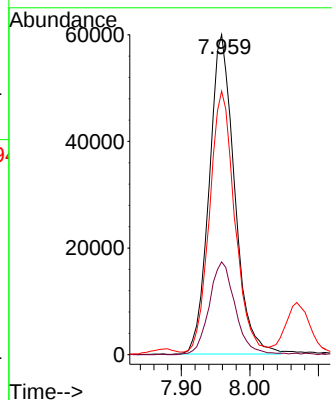
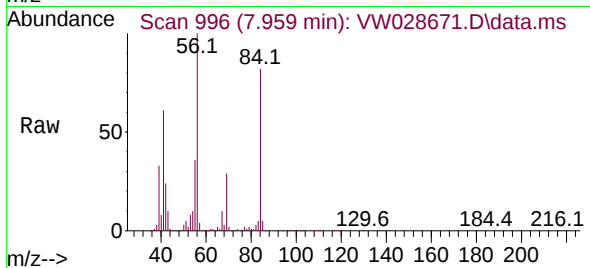
Tgt Ion: 56 Resp: 153757

Ion Ratio Lower Upper

56 100

69 29.8 23.4 35.0

84 82.8 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 26.585 ug/L

RT: 7.873 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028671.D

Acq: 21 May 2024 19:57

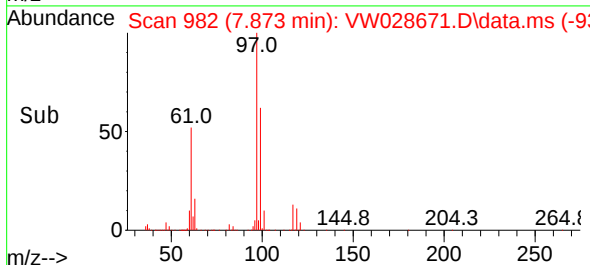
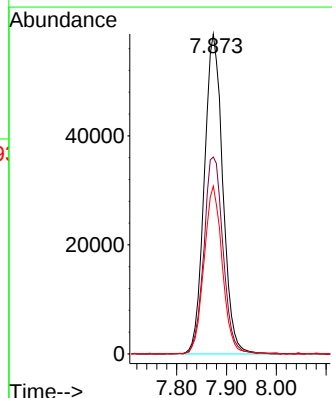
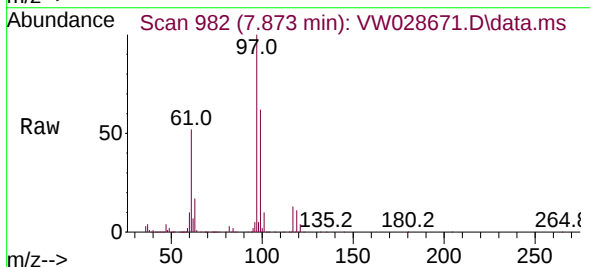
Tgt Ion: 97 Resp: 151032

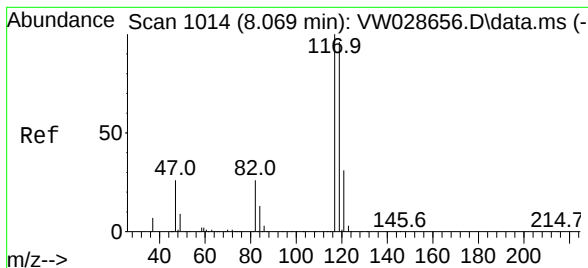
Ion Ratio Lower Upper

97 100

99 63.7 50.9 76.3

61 52.2 41.0 61.6

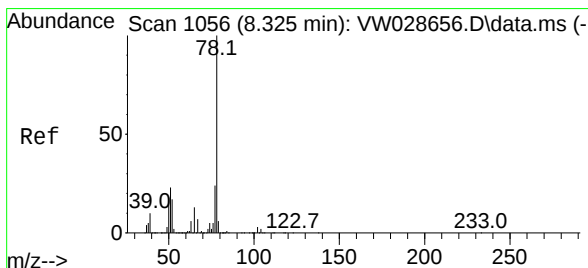
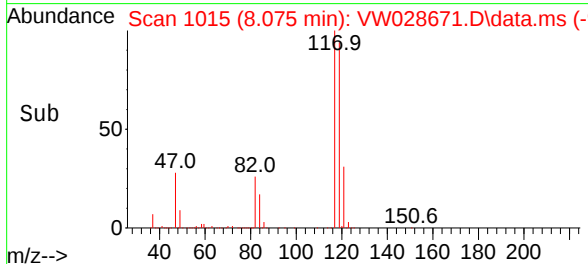
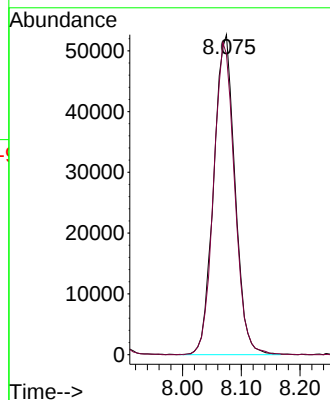
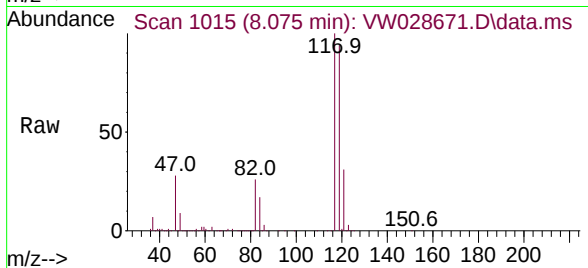




#31
Carbon tetrachloride
Concen: 25.529 ug/L
RT: 8.075 min Scan# 1015
Delta R.T. 0.006 min
Lab File: VW028671.D
Acq: 21 May 2024 19:57

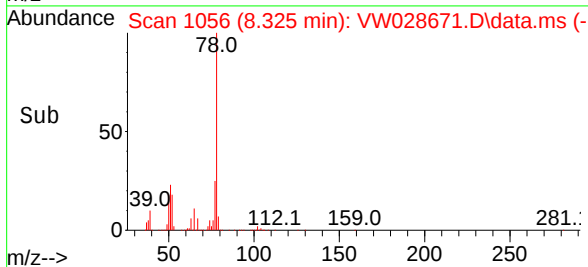
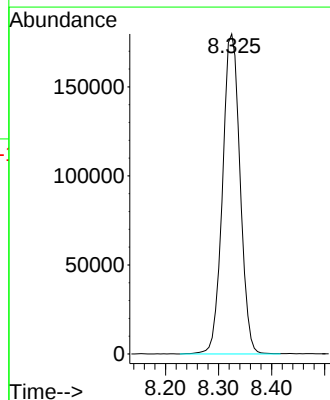
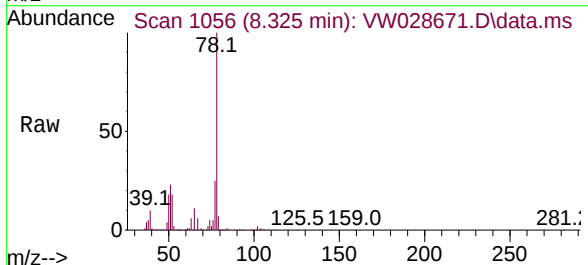
Instrument :
MSVOA_W
ClientSampleId :

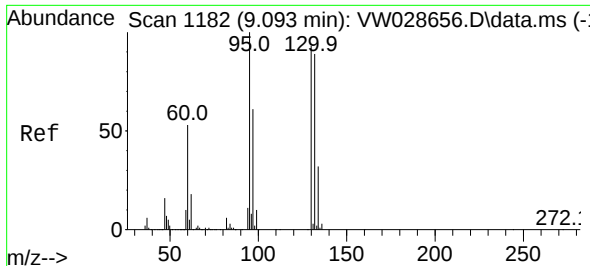
Tgt Ion:117 Resp: 132235
Ion Ratio Lower Upper
117 100
119 96.6 77.2 115.8



#33
Benzene
Concen: 28.044 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028671.D
Acq: 21 May 2024 19:57

Tgt Ion: 78 Resp: 412286





#34

Trichloroethene

Concen: 26.885 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

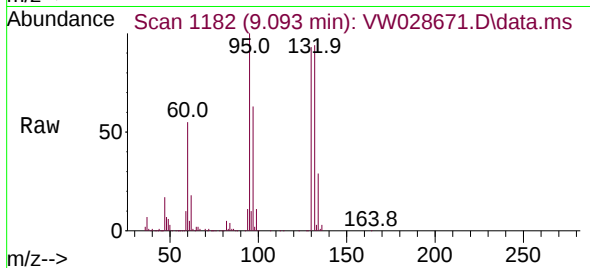
Lab File: VW028671.D

Acq: 21 May 2024 19:57

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 105968

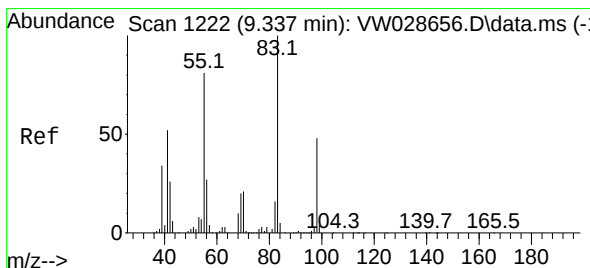
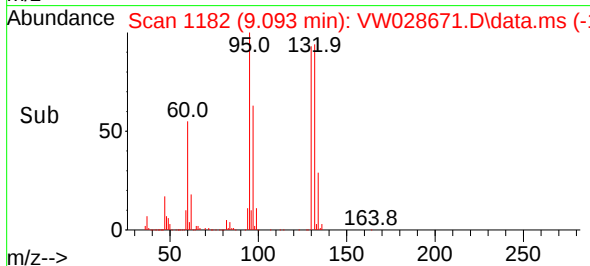
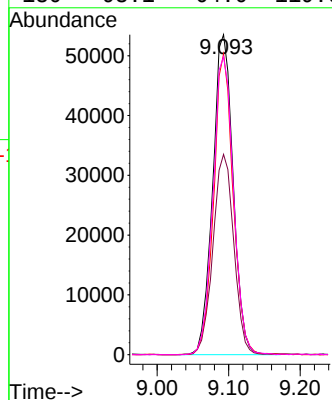
Ion Ratio Lower Upper

95 100

97 62.6 44.9 83.3

132 94.0 59.7 110.9

130 93.1 64.0 119.0



#35

Methylcyclohexane

Concen: 24.511 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028671.D

Acq: 21 May 2024 19:57

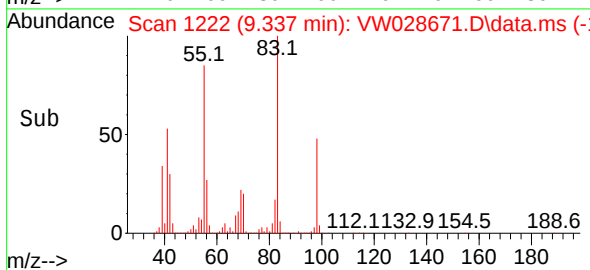
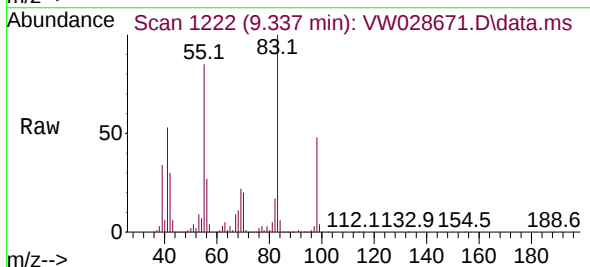
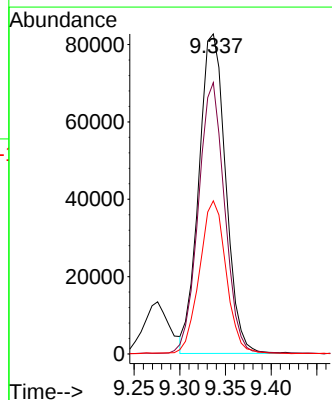
Tgt Ion: 83 Resp: 168836

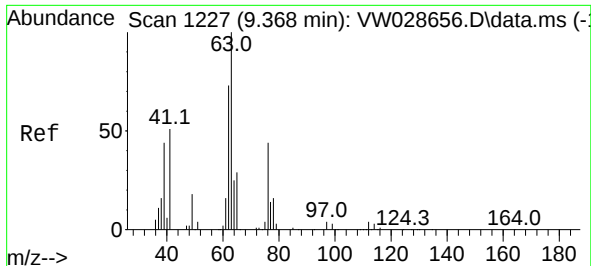
Ion Ratio Lower Upper

83 100

55 82.7 66.9 100.3

98 47.8 37.9 56.9





#37

1,2-Dichloropropane

Concen: 28.756 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028671.D

Acq: 21 May 2024 19:57

Instrument :

MSVOA_W

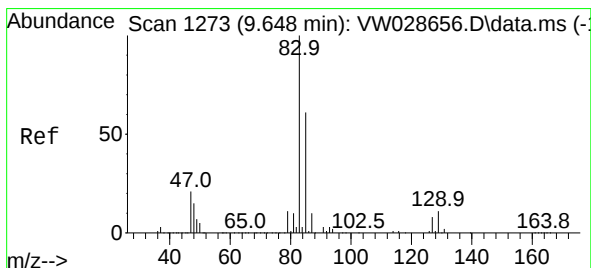
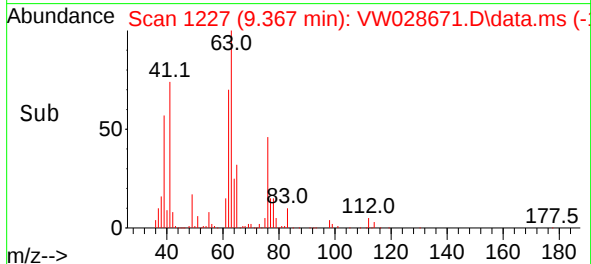
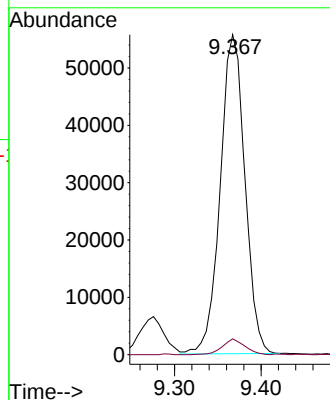
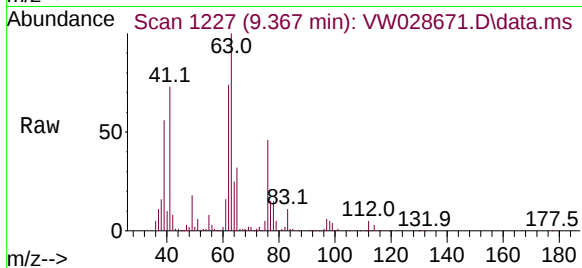
ClientSampleId :

Tgt Ion: 63 Resp: 110157

Ion Ratio Lower Upper

63 100

112 4.5 3.5 5.3



#38

Bromodichloromethane

Concen: 29.599 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. -0.000 min

Lab File: VW028671.D

Acq: 21 May 2024 19:57

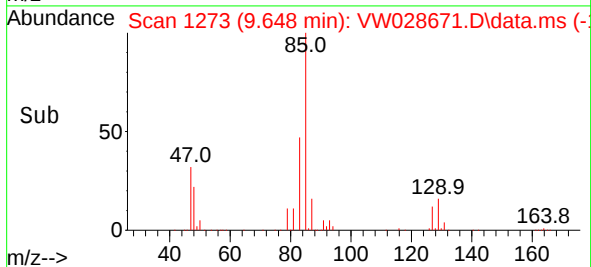
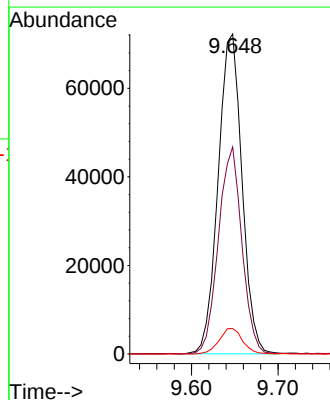
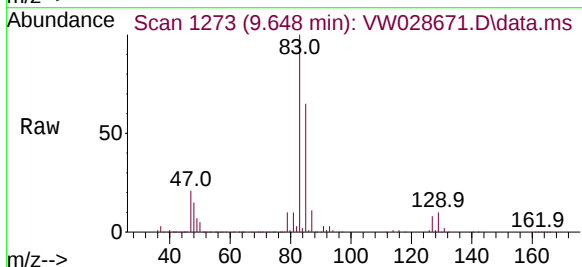
Tgt Ion: 83 Resp: 138217

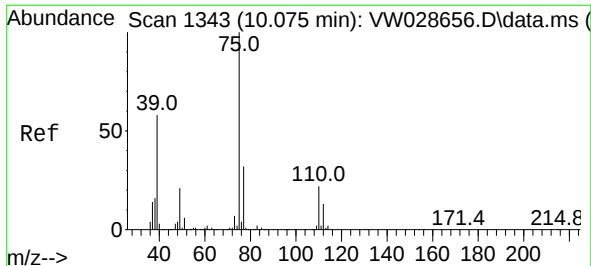
Ion Ratio Lower Upper

83 100

85 64.7 43.0 80.0

127 8.0 5.9 8.9

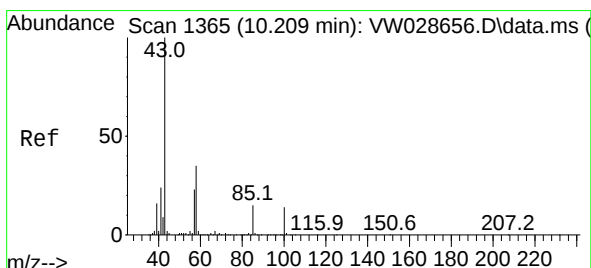
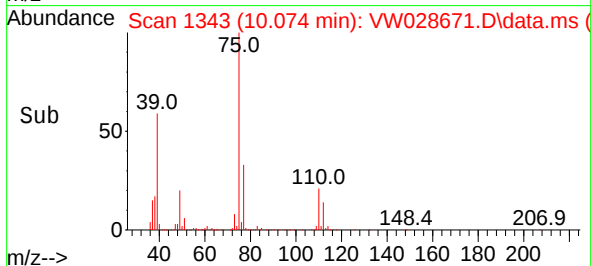
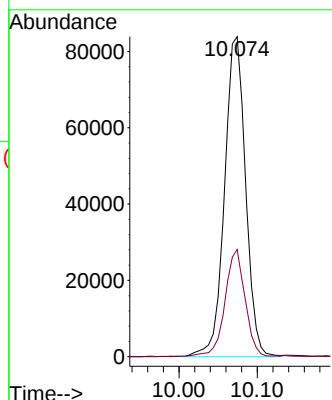
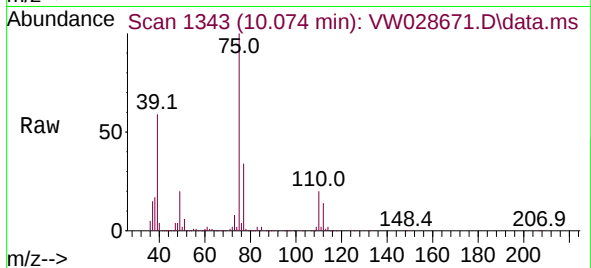




#39
cis-1,3-Dichloropropene
Concen: 28.579 ug/L
RT: 10.074 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW028671.D
Acq: 21 May 2024 19:57

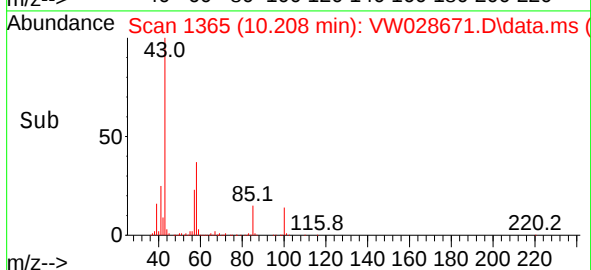
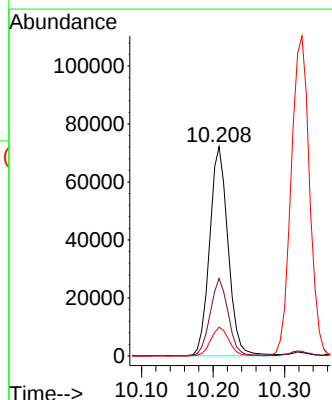
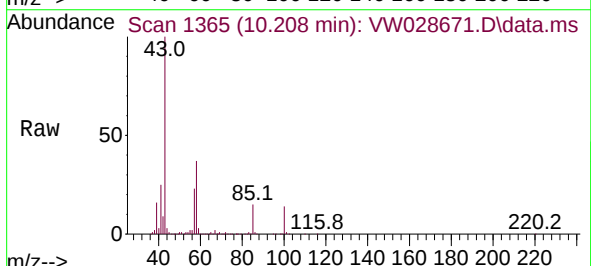
Instrument :
MSVOA_W
ClientSampleId :

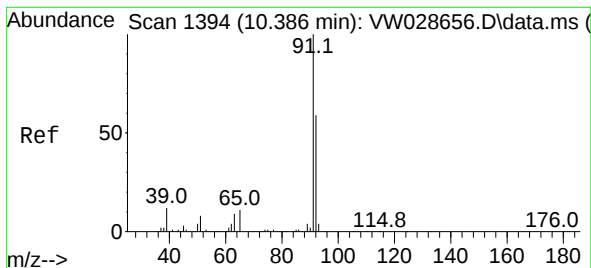
Tgt Ion: 75 Resp: 156914
Ion Ratio Lower Upper
75 100
77 33.5 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 49.590 ug/L
RT: 10.208 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW028671.D
Acq: 21 May 2024 19:57

Tgt Ion: 43 Resp: 129291
Ion Ratio Lower Upper
43 100
58 36.2 29.2 43.8
100 13.8 11.0 16.4





#42

Toluene

Concen: 28.732 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028671.D

Acq: 21 May 2024 19:57

Instrument :

MSVOA_W

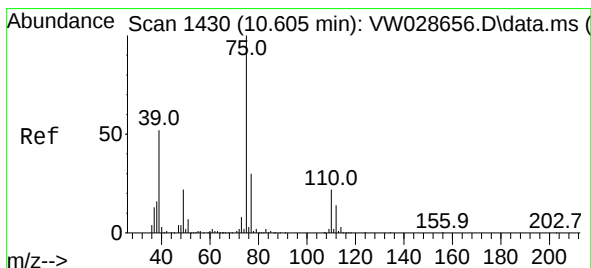
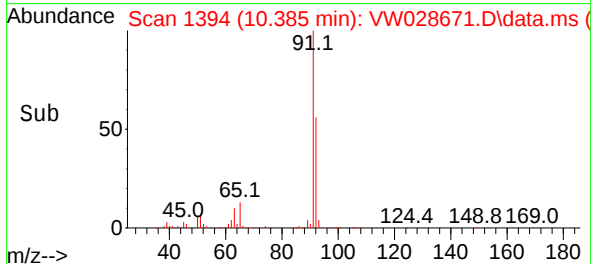
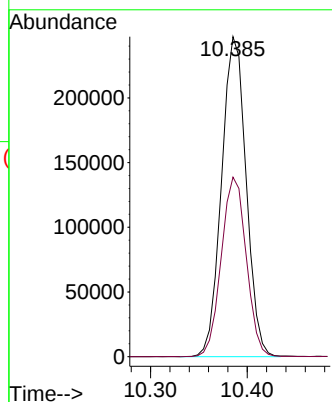
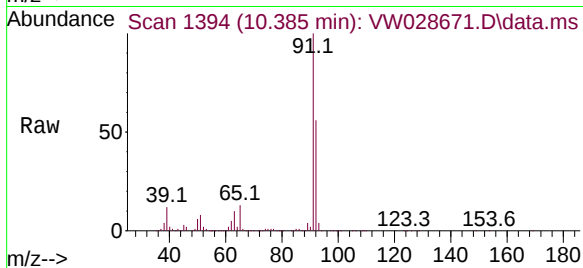
ClientSampleId :

Tgt Ion: 91 Resp: 436274

Ion Ratio Lower Upper

91 100

92 56.1 42.5 78.9



#44

trans-1,3-Dichloropropene

Concen: 28.155 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028671.D

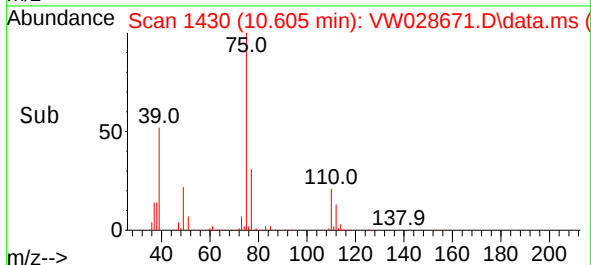
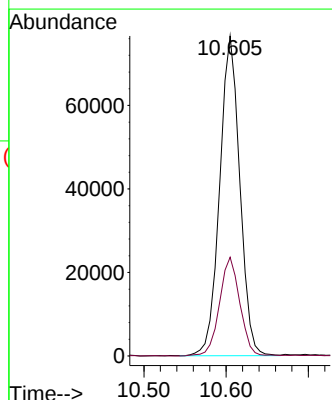
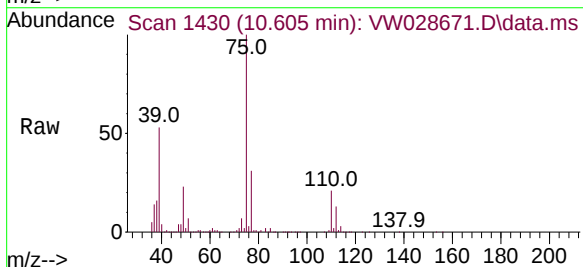
Acq: 21 May 2024 19:57

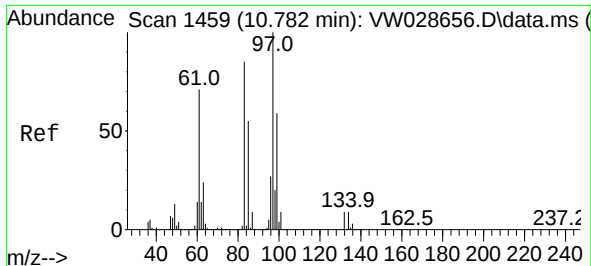
Tgt Ion: 75 Resp: 130340

Ion Ratio Lower Upper

75 100

77 30.9 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 27.890 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW028671.D

Acq: 21 May 2024 19:57

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 77397

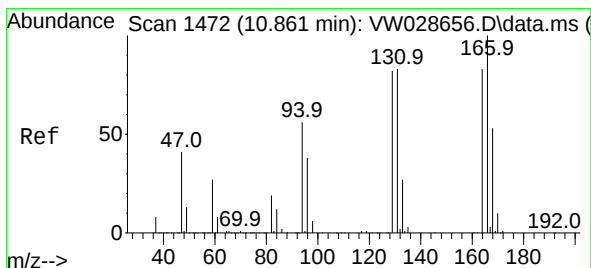
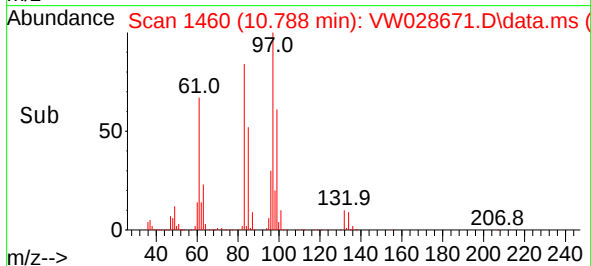
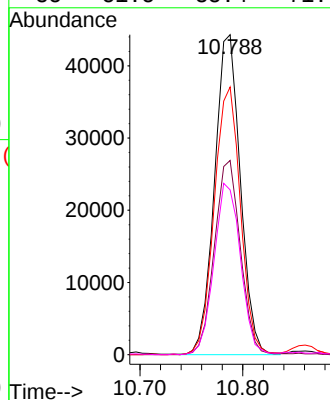
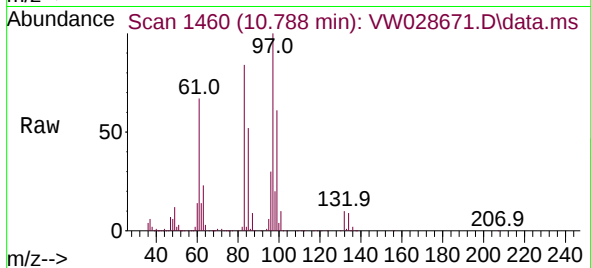
Ion Ratio Lower Upper

97 100

99 60.7 41.9 77.9

83 83.6 62.1 115.3

85 51.5 38.4 71.4



#46

Tetrachloroethene

Concen: 27.315 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028671.D

Acq: 21 May 2024 19:57

Tgt Ion:164 Resp: 77569

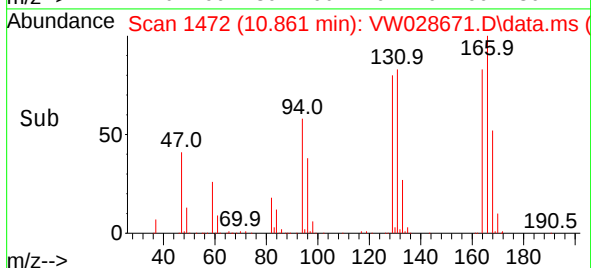
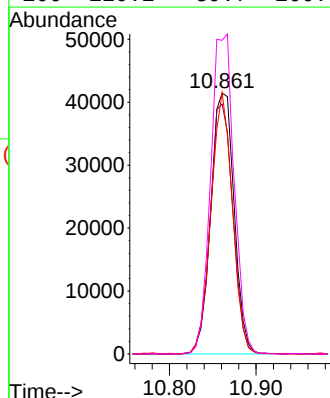
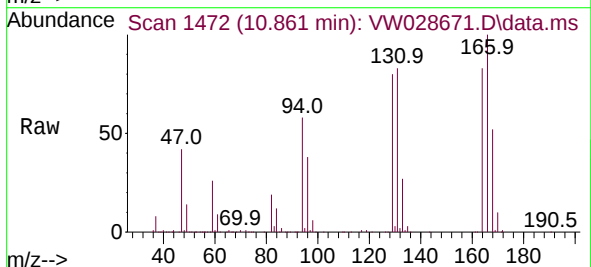
Ion Ratio Lower Upper

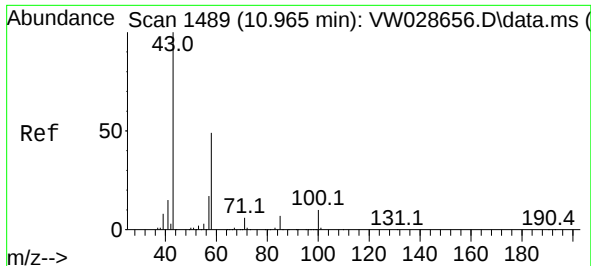
164 100

129 95.8 69.2 128.6

131 100.1 67.7 125.7

166 120.2 89.7 166.7





#48

2-Hexanone

Concen: 47.672 ug/L

RT: 10.964 min Scan# 1489

Delta R.T. -0.000 min

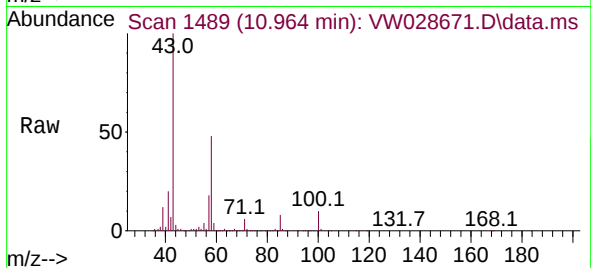
Lab File: VW028671.D

Acq: 21 May 2024 19:57

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 87748

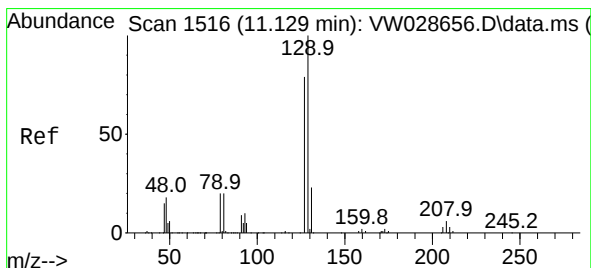
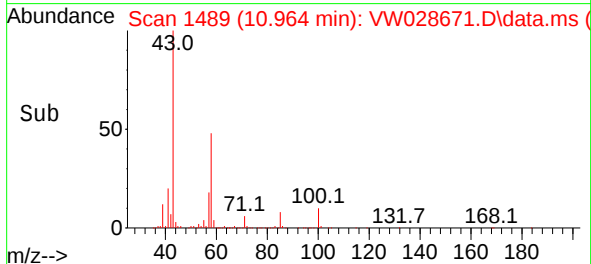
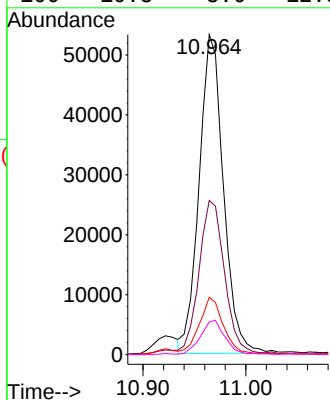
Ion Ratio Lower Upper

43 100

58 51.2 41.0 61.4

57 17.0 14.8 22.2

100 10.3 8.6 12.8



#49

Dibromochloromethane

Concen: 29.483 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW028671.D

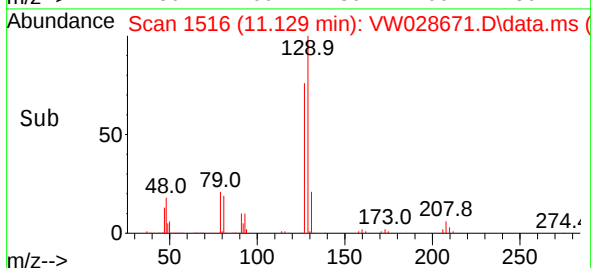
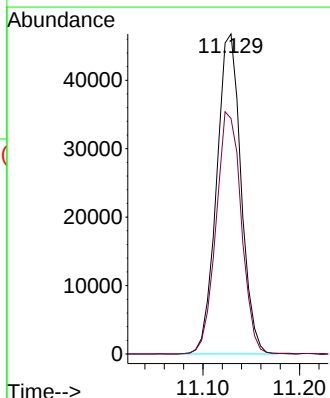
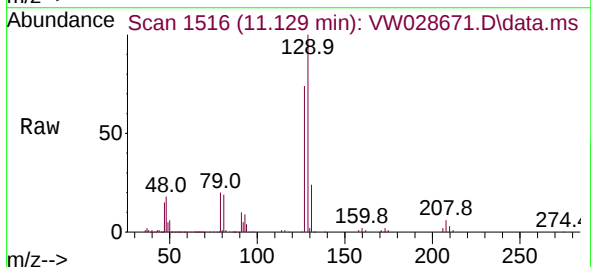
Acq: 21 May 2024 19:57

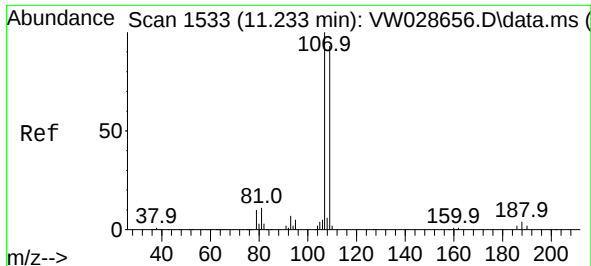
Tgt Ion:129 Resp: 82064

Ion Ratio Lower Upper

129 100

127 73.6 54.3 100.8





#50

1,2-Dibromoethane

Concen: 26.089 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

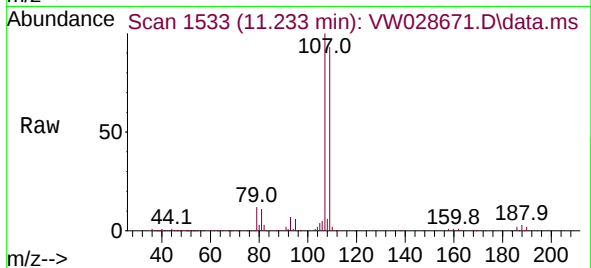
Lab File: VW028671.D

Acq: 21 May 2024 19:57

Instrument :

MSVOA_W

ClientSampleId :



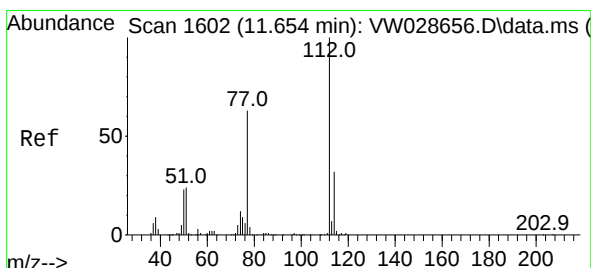
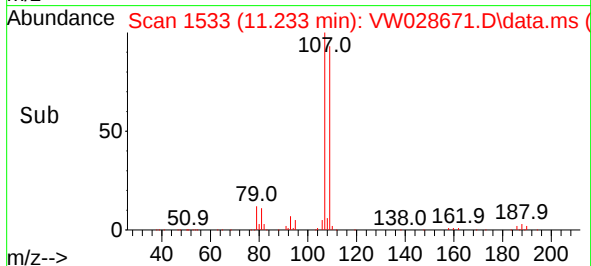
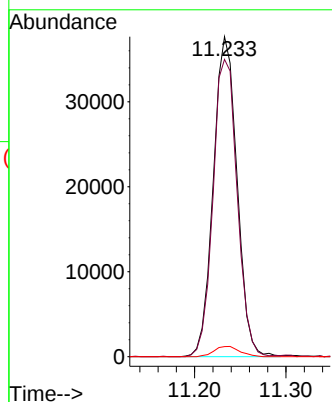
Tgt Ion:107 Resp: 67819

Ion Ratio Lower Upper

107 100

109 92.9 64.2 119.2

188 3.2 3.1 4.7



#51

Chlorobenzene

Concen: 29.222 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW028671.D

Acq: 21 May 2024 19:57

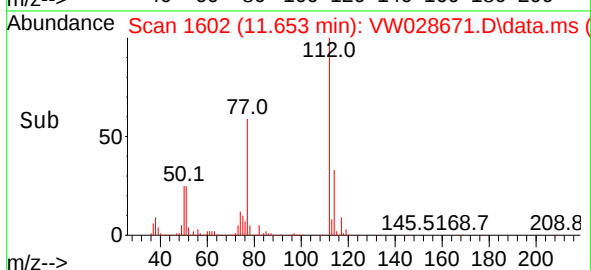
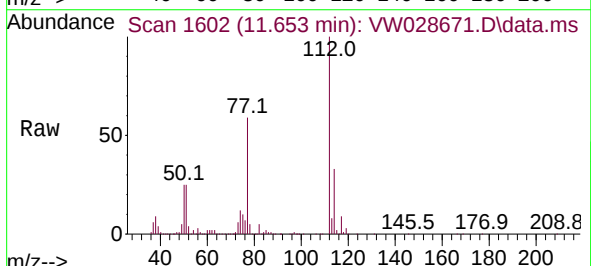
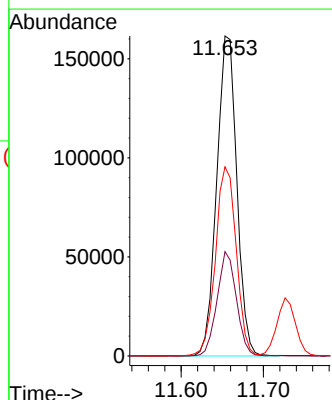
Tgt Ion:112 Resp: 274468

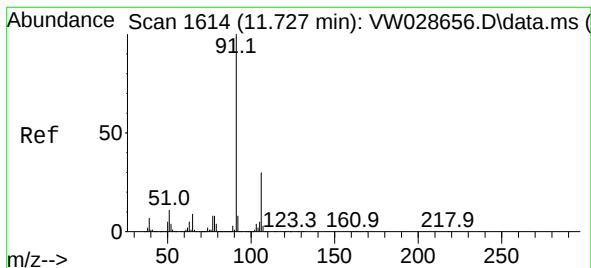
Ion Ratio Lower Upper

112 100

114 32.6 22.2 41.2

77 59.1 50.8 76.2





#52

Ethylbenzene

Concen: 28.947 ug/L

RT: 11.726 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028671.D

Acq: 21 May 2024 19:57

Instrument :

MSVOA_W

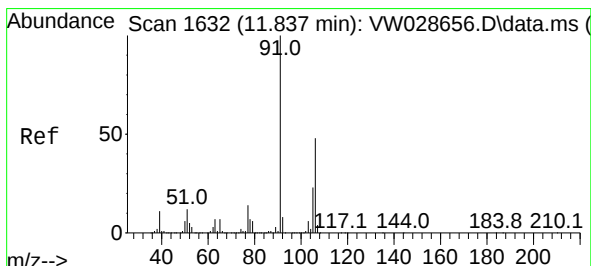
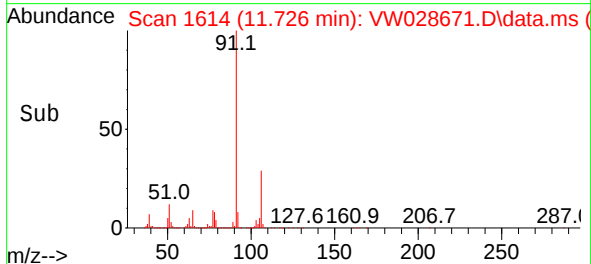
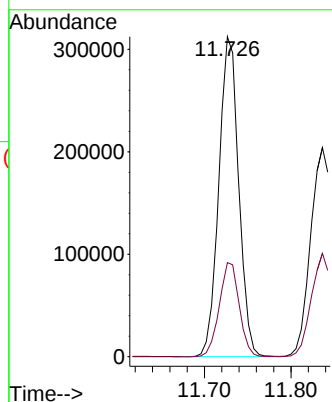
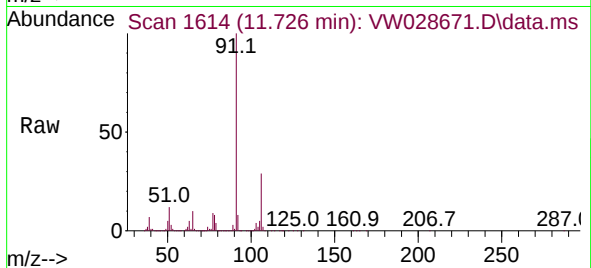
ClientSampleId :

Tgt Ion: 91 Resp: 497415

Ion Ratio Lower Upper

91 100

106 29.4 22.7 42.1



#53

m,p-Xylene

Concen: 28.775 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028671.D

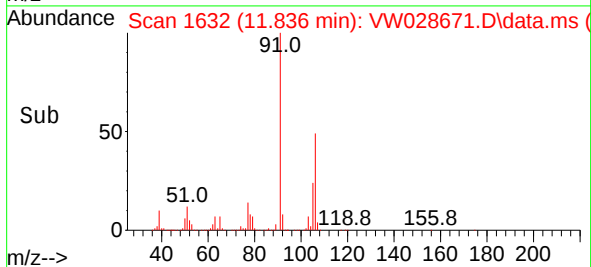
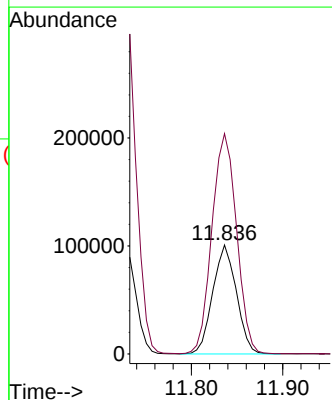
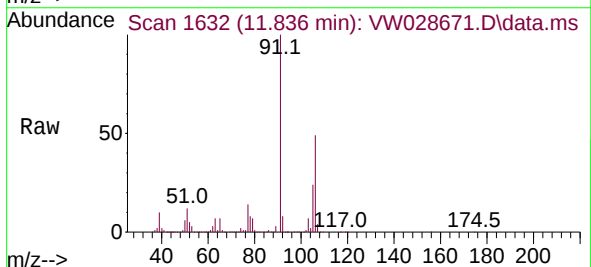
Acq: 21 May 2024 19:57

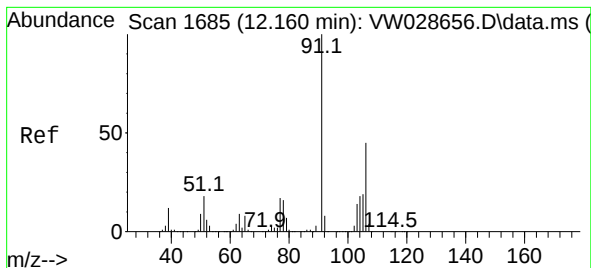
Tgt Ion:106 Resp: 181245

Ion Ratio Lower Upper

106 100

91 202.2 146.6 272.2





#54

o-Xylene

Concen: 30.436 ug/L

RT: 12.165 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028671.D

Acq: 21 May 2024 19:57

Instrument :

MSVOA_W

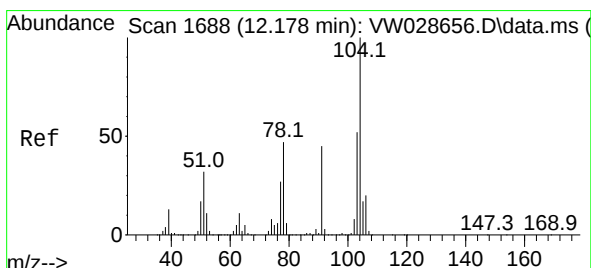
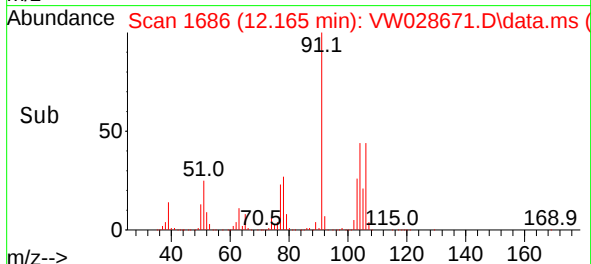
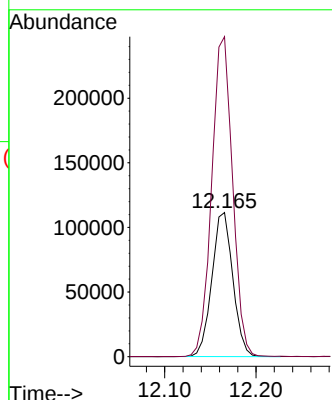
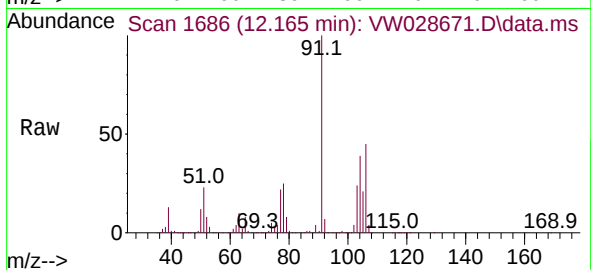
ClientSampleId :

Tgt Ion:106 Resp: 177358

Ion Ratio Lower Upper

106 100

91 221.9 154.3 286.5



#55

Styrene

Concen: 31.314 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028671.D

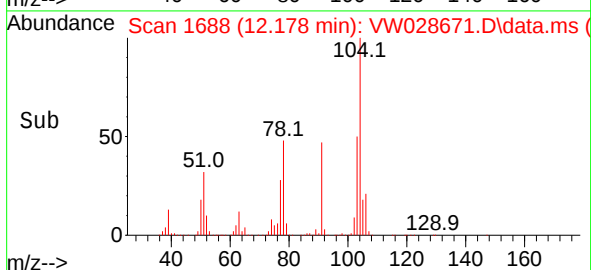
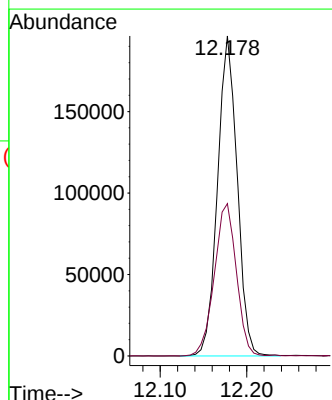
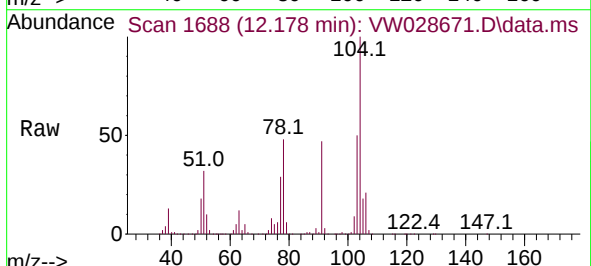
Acq: 21 May 2024 19:57

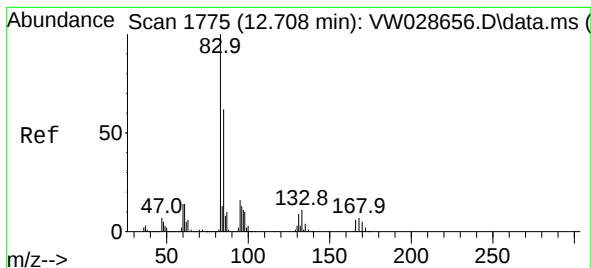
Tgt Ion:104 Resp: 309186

Ion Ratio Lower Upper

104 100

78 47.6 34.1 63.3





#57

1,1,2,2-Tetrachloroethane

Concen: 26.056 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028671.D

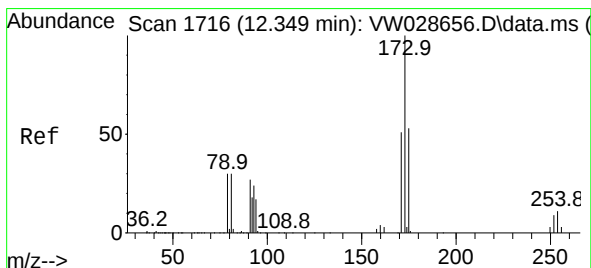
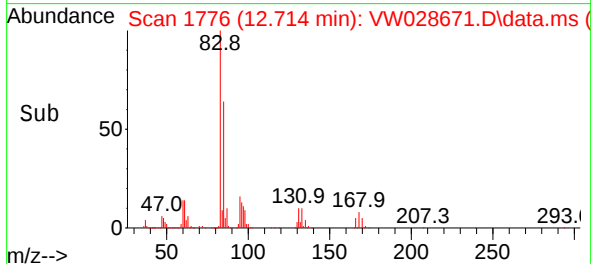
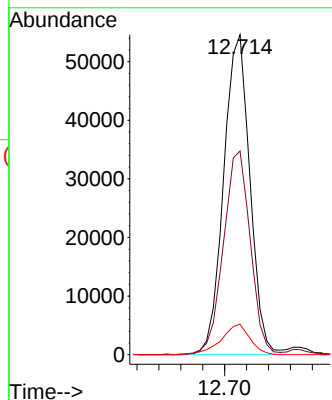
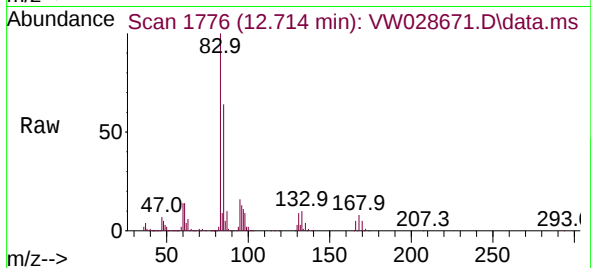
Acq: 21 May 2024 19:57

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 90716
Ion Ratio	Lower Upper
83	100
85	63.7 45.6 84.6
131	9.5 7.3 10.9



#59

Bromoform

Concen: 25.777 ug/L

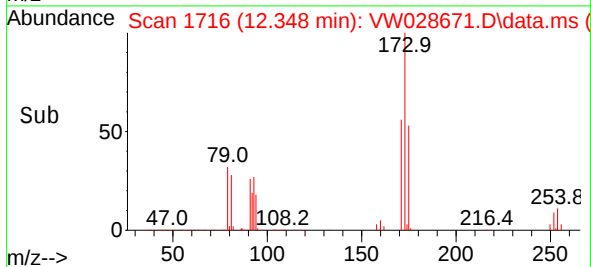
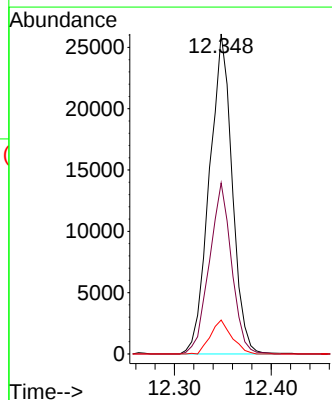
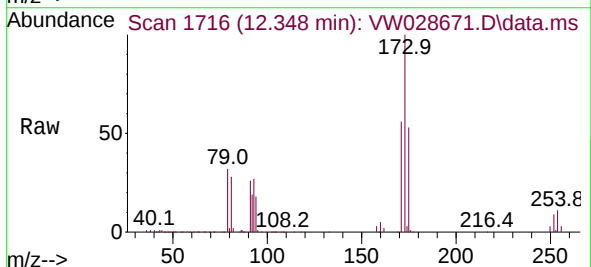
RT: 12.348 min Scan# 1716

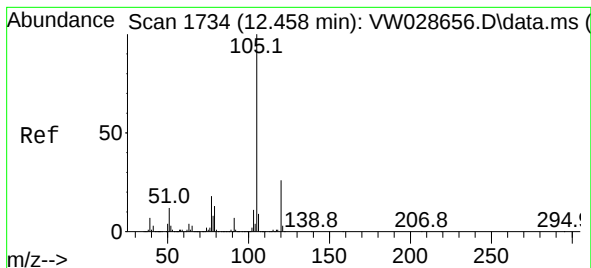
Delta R.T. -0.000 min

Lab File: VW028671.D

Acq: 21 May 2024 19:57

Tgt Ion: 173	Resp: 42802
Ion Ratio	Lower Upper
173	100
175	52.1 39.8 59.8
254	9.8 7.1 10.7





#60

Isopropylbenzene

Concen: 27.854 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

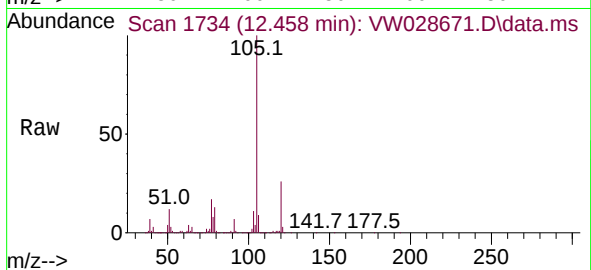
Lab File: VW028671.D

Acq: 21 May 2024 19:57

Instrument :

MSVOA_W

ClientSampleId :



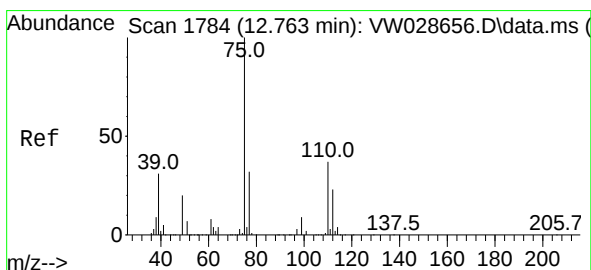
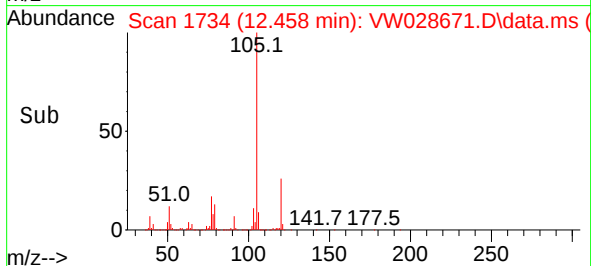
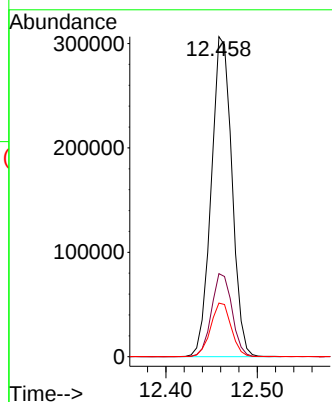
Tgt Ion:105 Resp: 480969

Ion Ratio Lower Upper

105 100

120 25.8 20.5 30.7

77 16.7 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 24.071 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028671.D

Acq: 21 May 2024 19:57

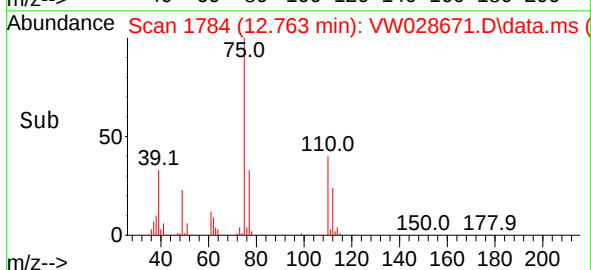
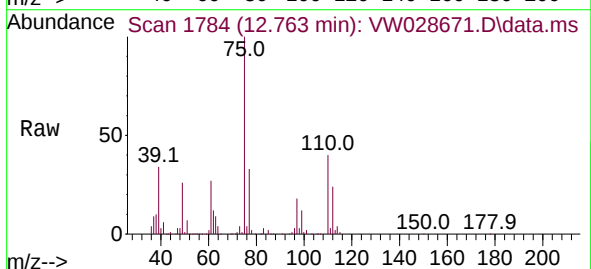
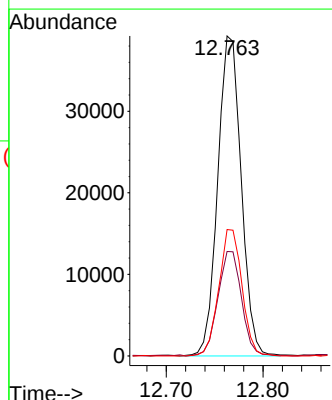
Tgt Ion: 75 Resp: 66211

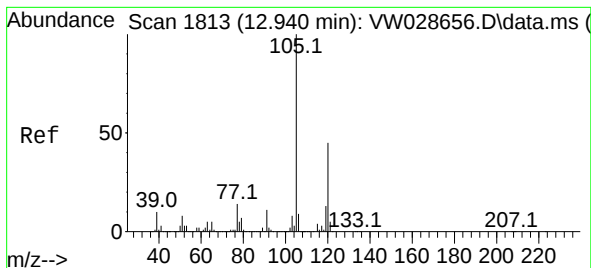
Ion Ratio Lower Upper

75 100

77 32.9 25.9 38.9

110 38.9 30.6 45.8

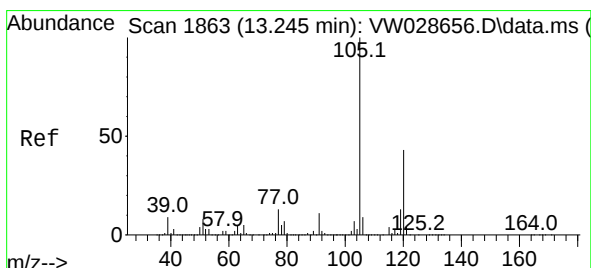
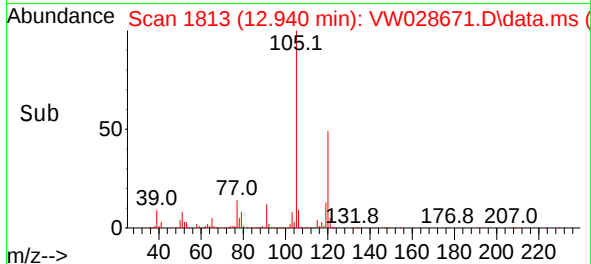
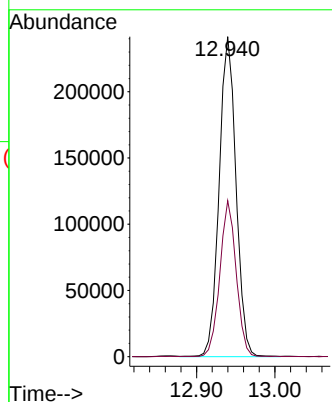
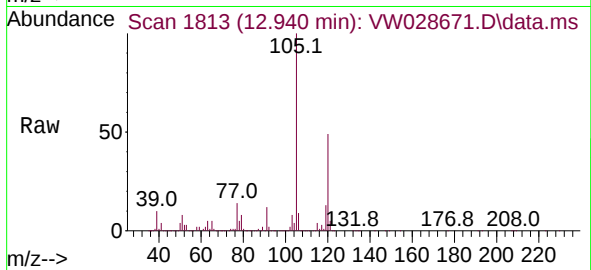




#62
1,3,5-Trimethylbenzene
Concen: 29.665 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028671.D
Acq: 21 May 2024 19:57

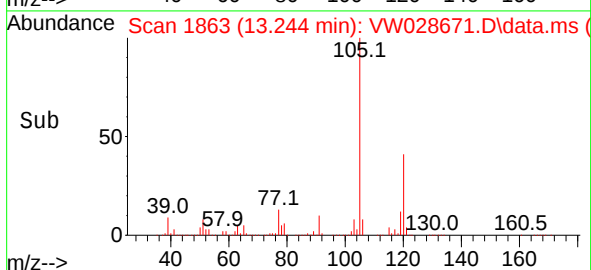
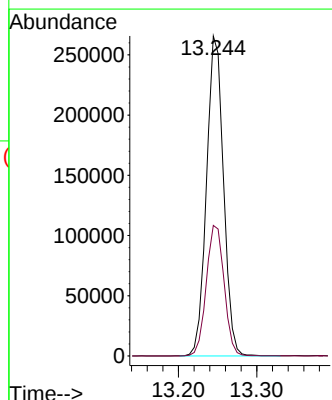
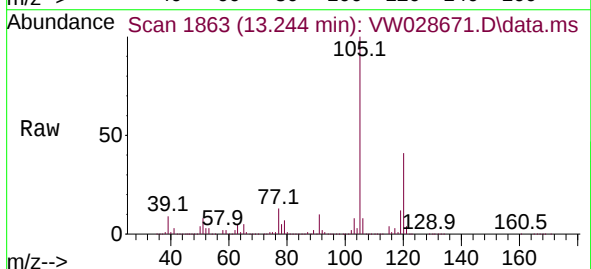
Instrument :
MSVOA_W
ClientSampleId :

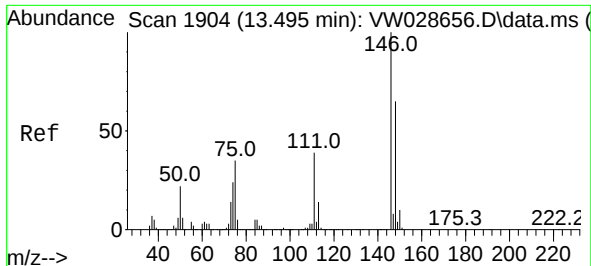
Tgt Ion:105 Resp: 362423
Ion Ratio Lower Upper
105 100
120 47.1 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 30.324 ug/L
RT: 13.244 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028671.D
Acq: 21 May 2024 19:57

Tgt Ion:105 Resp: 399175
Ion Ratio Lower Upper
105 100
120 42.8 34.1 51.1

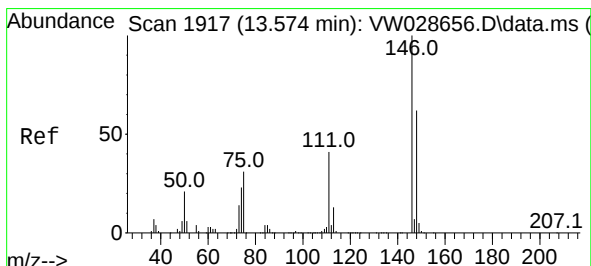
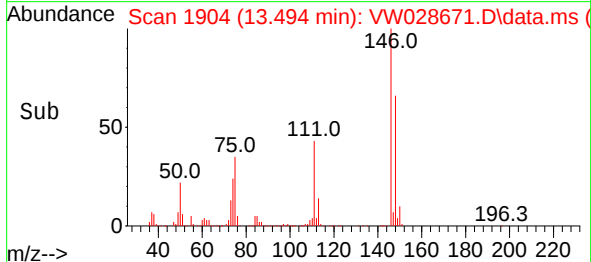
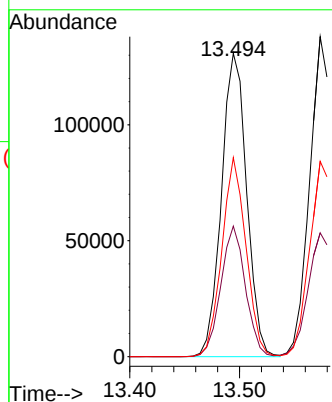
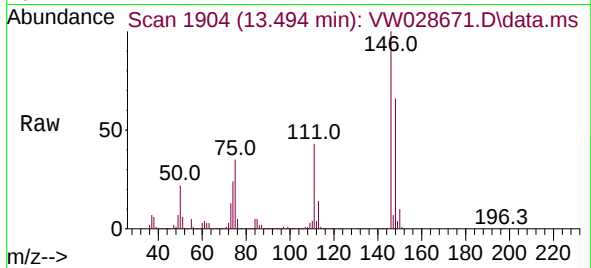




#64
1,3-Dichlorobenzene
Concen: 29.085 ug/L
RT: 13.494 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028671.D
Acq: 21 May 2024 19:57

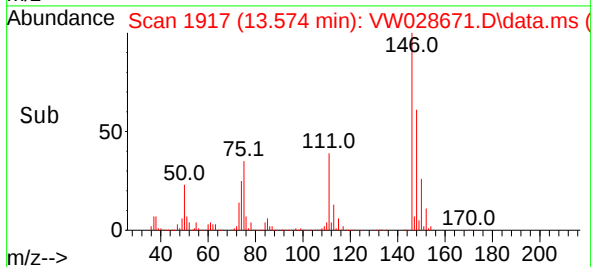
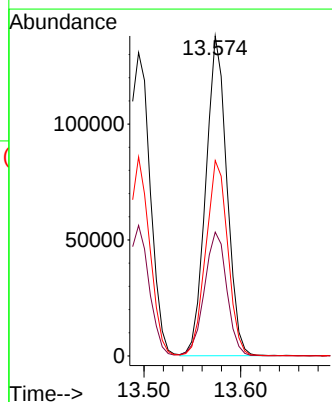
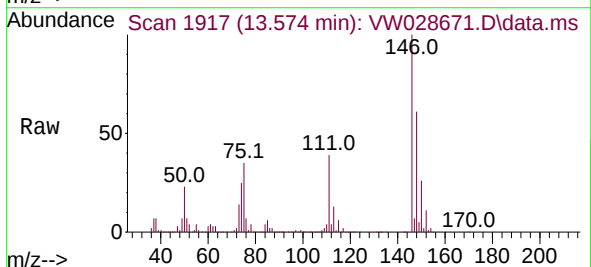
Instrument :
MSVOA_W
ClientSampleId :

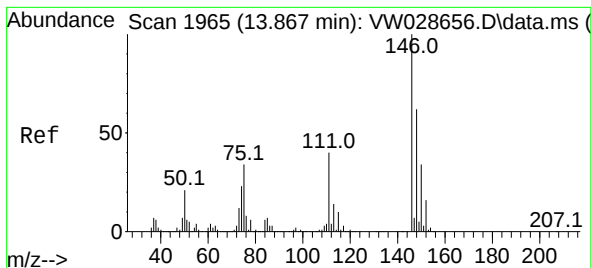
Tgt Ion:146 Resp: 208931
Ion Ratio Lower Upper
146 100
111 43.0 30.7 57.1
148 65.6 47.0 87.2



#65
1,4-Dichlorobenzene
Concen: 28.410 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028671.D
Acq: 21 May 2024 19:57

Tgt Ion:146 Resp: 208646
Ion Ratio Lower Upper
146 100
111 38.7 29.1 54.1
148 61.1 41.2 76.6

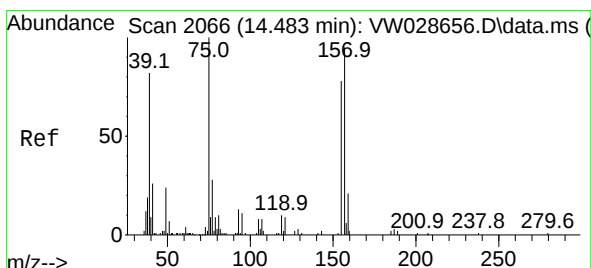
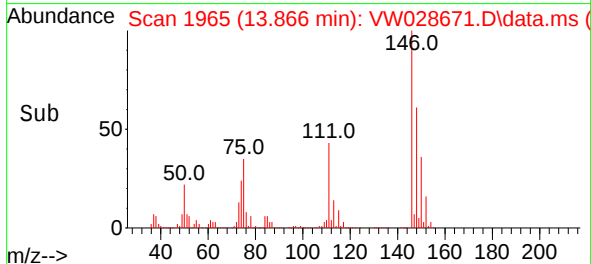
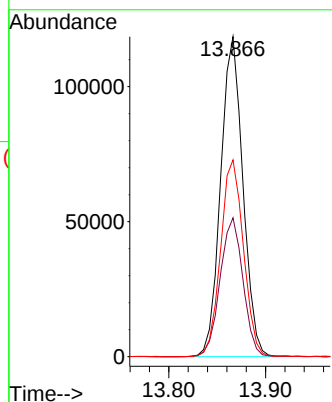
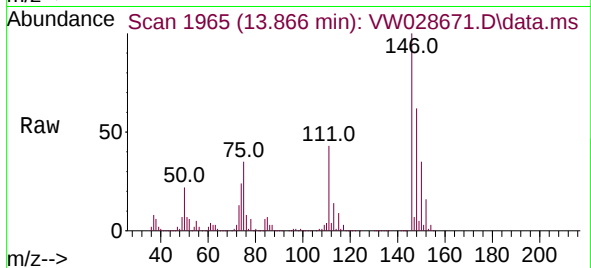




#67
1,2-Dichlorobenzene
Concen: 29.394 ug/L
RT: 13.866 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW028671.D
Acq: 21 May 2024 19:57

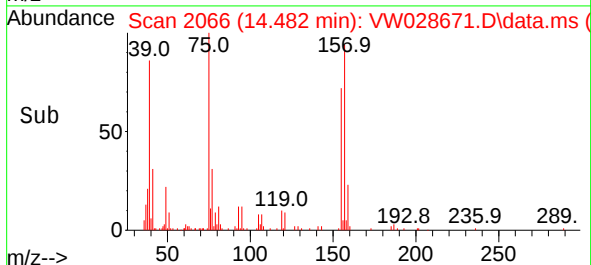
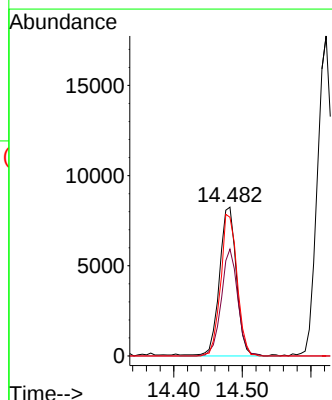
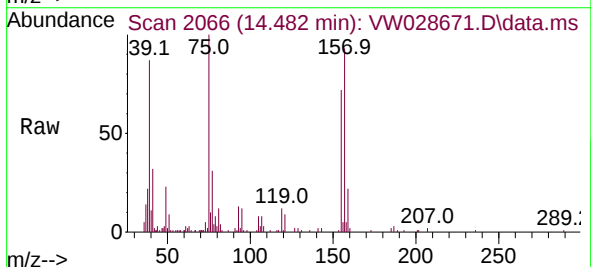
Instrument :
MSVOA_W
ClientSampleId :

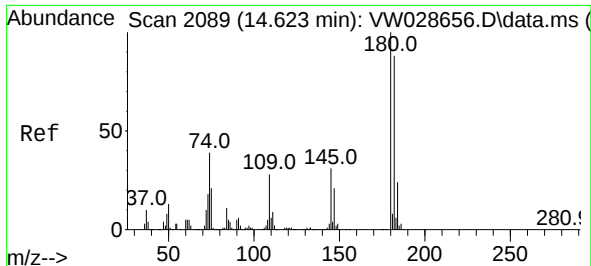
Tgt Ion:146 Resp: 188984
Ion Ratio Lower Upper
146 100
111 43.4 34.7 52.1
148 61.5 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 22.005 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW028671.D
Acq: 21 May 2024 19:57

Tgt Ion: 75 Resp: 14152
Ion Ratio Lower Upper
75 100
155 71.8 55.1 82.7
157 93.2 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 27.425 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

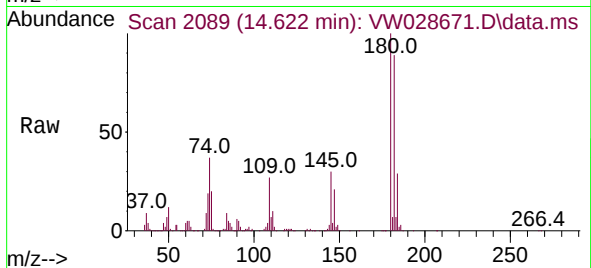
Lab File: VW028671.D

Acq: 21 May 2024 19:57

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 132196

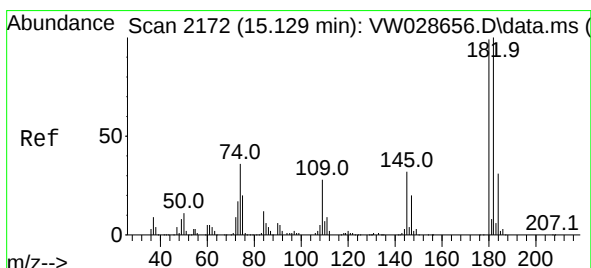
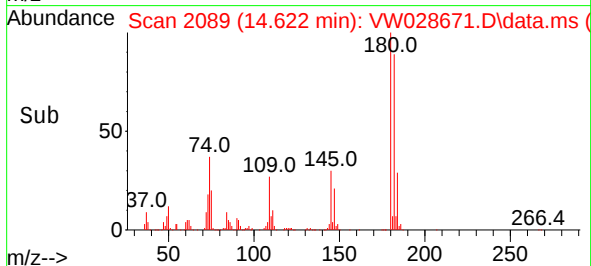
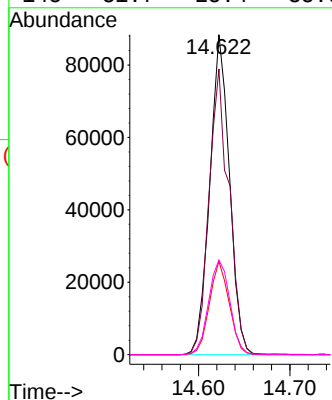
Ion Ratio Lower Upper

180 100

182 90.5 75.4 113.2

184 29.3 24.0 36.0

145 31.7 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 27.717 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.007 min

Lab File: VW028671.D

Acq: 21 May 2024 19:57

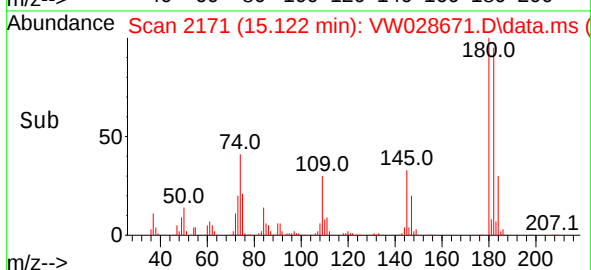
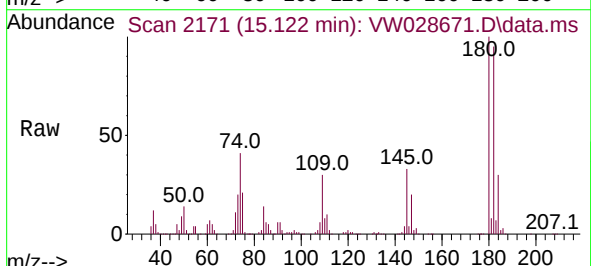
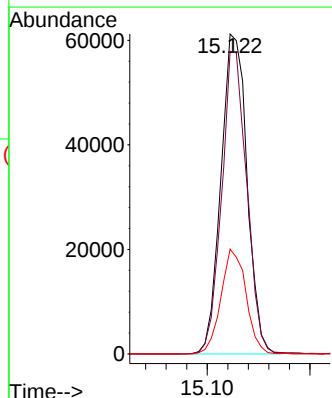
Tgt Ion:180 Resp: 107951

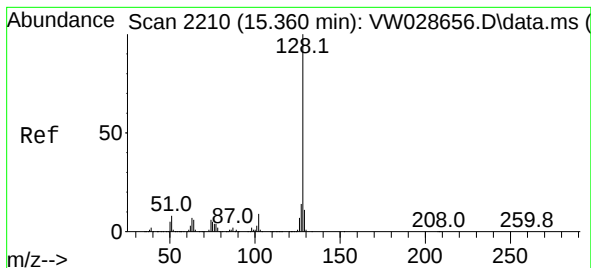
Ion Ratio Lower Upper

180 100

182 91.1 77.2 115.8

145 31.4 26.6 39.8





#71

Naphthalene

Concen: 25.297 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min MSVOA_W

Lab File: VW028671.D

Acq: 21 May 2024 19:57

Instrument :

MSVOA_W

ClientSampleId :

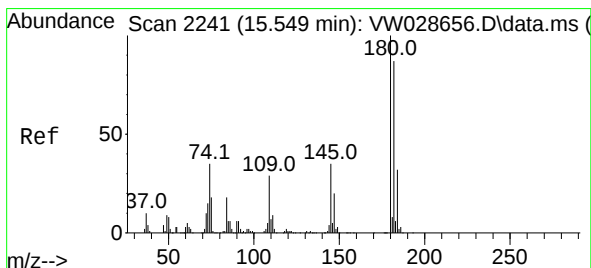
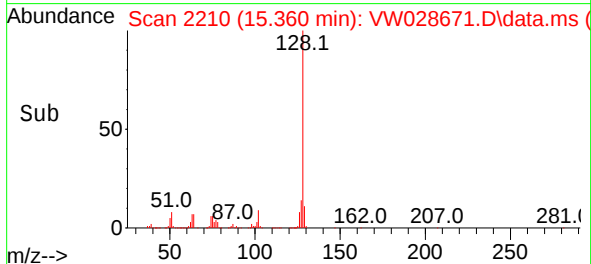
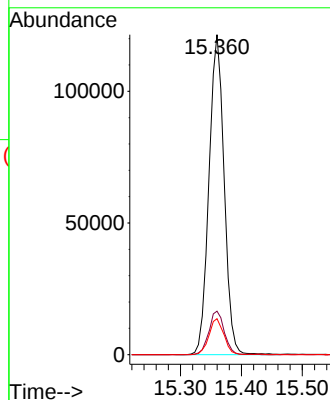
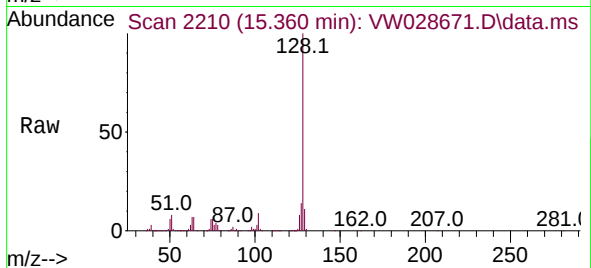
Tgt Ion:128 Resp: 209918

Ion Ratio Lower Upper

128 100

127 13.8 10.6 15.8

129 11.1 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 28.801 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW028671.D

Acq: 21 May 2024 19:57

Tgt Ion:180 Resp: 101222

Ion Ratio Lower Upper

180 100

182 90.7 76.1 114.1

145 33.6 28.3 42.5

