

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052124\
 Data File : VW028656.D
 Acq On : 21 May 2024 09:42
 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 22 01:10:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 21 01:28:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	250808	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	231135	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	115266	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	83479	17.528	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.120%
7) Chloroethane-d5	2.899	69	74077	20.313	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.240%
11) 1,1-Dichloroethene-d2	4.021	65	36595	18.391	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.560%
21) 2-Butanone-d5	7.075	46	58989	47.474	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.940%
24) Chloroform-d	7.654	84	180210	22.995	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.960%
26) 1,2-Dichloroethane-d4	8.307	65	103029	22.963	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.840%
32) Benzene-d6	8.276	84	333883	21.651	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	9.276	67	103938	22.399	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.600%
41) Toluene-d8	10.325	98	298316	21.844	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.360%
43) trans-1,3-Dichloroprop...	10.581	79	42436	22.732	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.920%
47) 2-Hexanone-d5	10.922	63	39723	49.632	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.260%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	93343	23.989	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	100854	22.956	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	75760	20.786	ug/L	97
3) Chloromethane	2.229	50	96290	21.325	ug/L	99
5) Vinyl chloride	2.375	62	114425	22.509	ug/L	97
6) Bromomethane	2.796	94	67910	23.093	ug/L	95
8) Chloroethane	2.936	64	70377	24.275	ug/L	98
9) Trichlorofluoromethane	3.271	101	100663	24.119	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	86877	22.578	ug/L	94
12) 1,1-Dichloroethene	4.045	96	78674	22.792	ug/L	94
13) Acetone	4.119	43	55306	48.927	ug/L	99
14) Carbon disulfide	4.393	76	251474	21.556	ug/L	100
15) Methyl Acetate	4.673	43	43693	22.217	ug/L #	70
16) Methylene chloride	4.917	84	87192	22.478	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	83525	23.242	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	131365	24.771	ug/L	99
19) 1,1-Dichloroethane	6.222	63	173238	24.310	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	90909	24.172	ug/L	100
22) 2-Butanone	7.173	43	63788	43.965	ug/L	100
23) Bromochloromethane	7.520	128	39479	24.064	ug/L	94
25) Chloroform	7.679	83	172107	24.970	ug/L	100

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 Response via : Initial Calibration

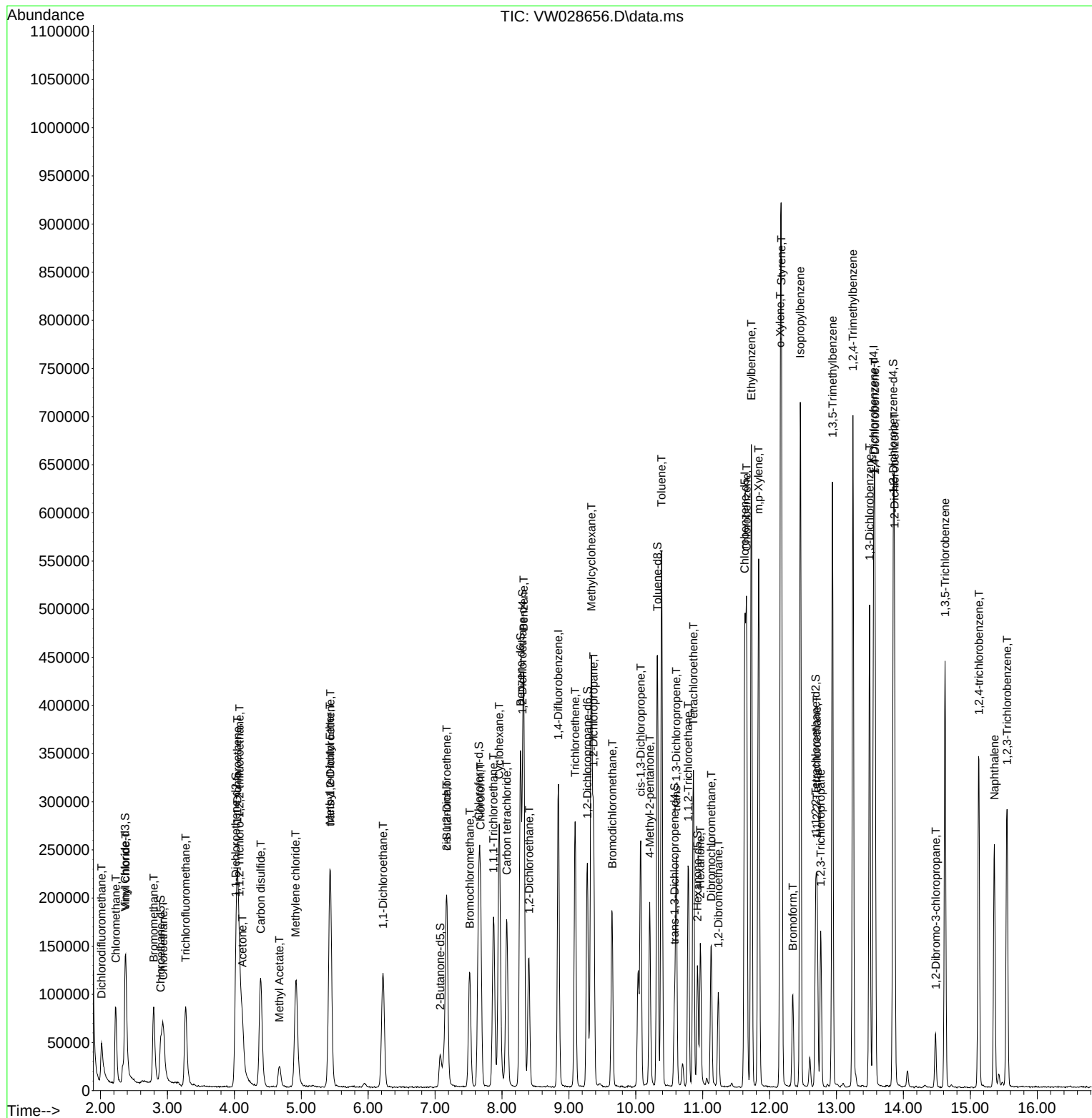
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	124679	24.884	ug/L	98
29) Cyclohexane	7.959	56	148946	22.601	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	139077	24.012	ug/L	98
31) Carbon tetrachloride	8.069	117	126254	23.908	ug/L	100
33) Benzene	8.325	78	361886	24.145	ug/L	100
34) Trichloroethene	9.093	95	93305	23.219	ug/L	97
35) Methylcyclohexane	9.337	83	164422	23.413	ug/L	99
37) 1,2-Dichloropropane	9.368	63	95713	24.507	ug/L	100
38) Bromodichloromethane	9.648	83	121710	25.565	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	142687	25.490	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	124980	47.019	ug/L	99
42) Toluene	10.386	91	384315	24.826	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	120336	25.496	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	69615	24.606	ug/L	98
46) Tetrachloroethene	10.861	164	68991	23.829	ug/L	96
48) 2-Hexanone	10.965	43	93877	50.025	ug/L	99
49) Dibromochloromethane	11.129	129	73626	25.945	ug/L	99
50) 1,2-Dibromoethane	11.233	107	64738	24.427	ug/L	99
51) Chlorobenzene	11.654	112	237992	24.854	ug/L	99
52) Ethylbenzene	11.727	91	445187	25.412	ug/L	96
53) m,p-Xylene	11.837	106	161562	25.159	ug/L	98
54) o-Xylene	12.160	106	151158	25.444	ug/L	99
55) Styrene	12.178	104	269440	26.766	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	86616	24.402	ug/L	97
59) Bromoform	12.349	173	40856	24.295	ug/L	97
60) Isopropylbenzene	12.458	105	432183	24.714	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	63575	22.822	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	314293	25.402	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	342299	25.676	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	179594	24.687	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	185322	24.917	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	168058	25.810	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	14567	22.366	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	122312	25.055	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	99862	25.317	ug/L	99
71) Naphthalene	15.360	128	197910	23.550	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	93170	26.177	ug/L	93

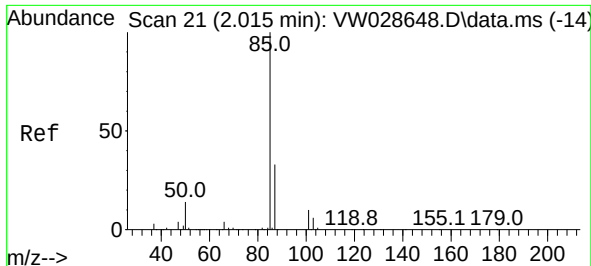
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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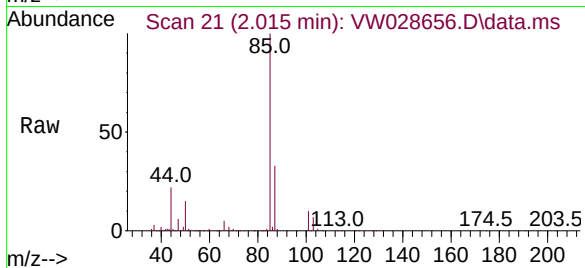
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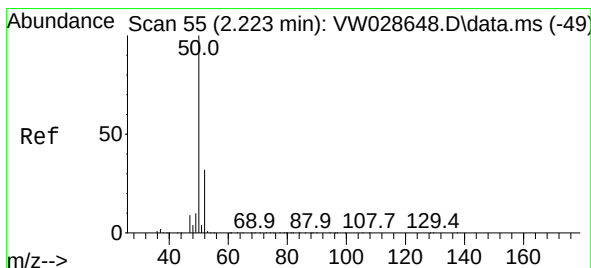
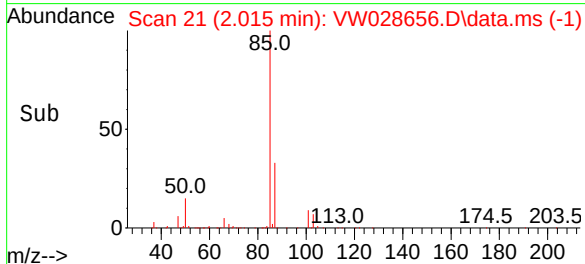
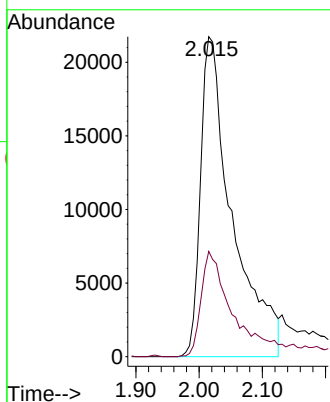


#2
 Dichlorodifluoromethane
 Concen: 20.786 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028656.D
 Acq: 21 May 2024 09:42

Instrument :
 MSVOA_W
 ClientSampleId :

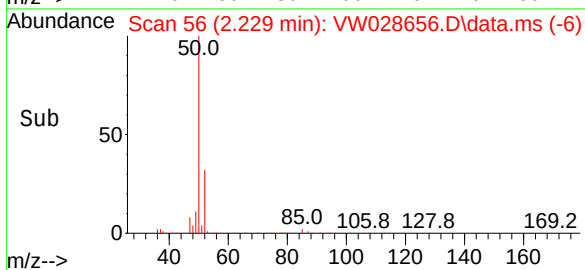
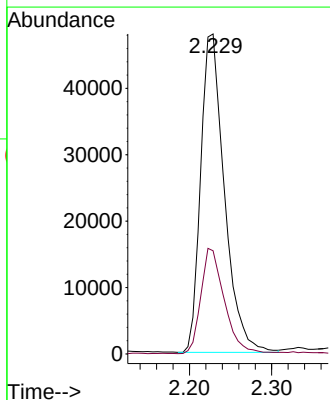
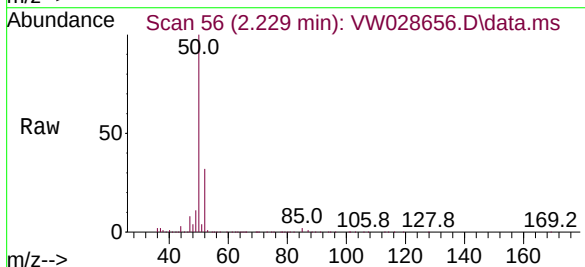


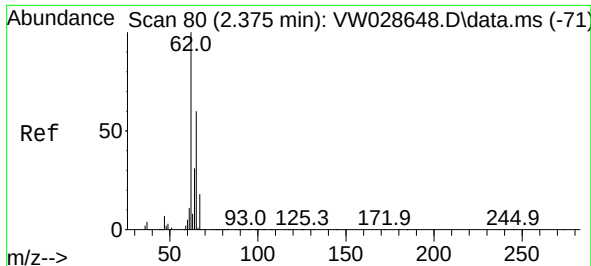
Tgt Ion: 85 Resp: 75760
 Ion Ratio Lower Upper
 85 100
 87 25.8 21.9 32.9



#3
 Chloromethane
 Concen: 21.325 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW028656.D
 Acq: 21 May 2024 09:42

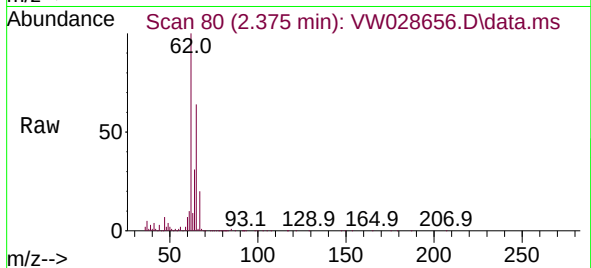
Tgt Ion: 50 Resp: 96290
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.0 41.0



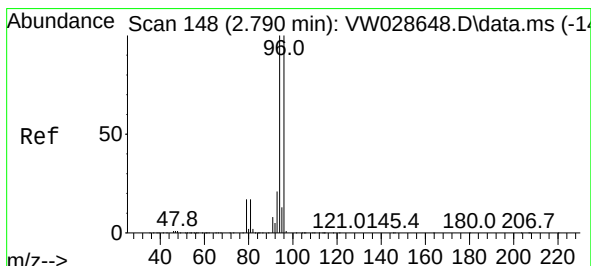
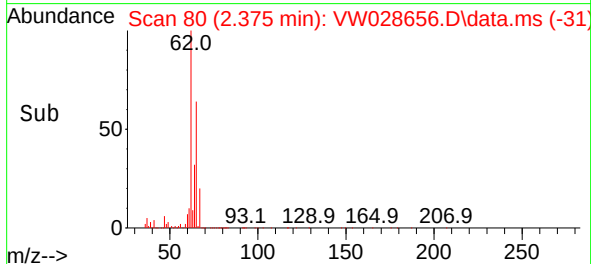
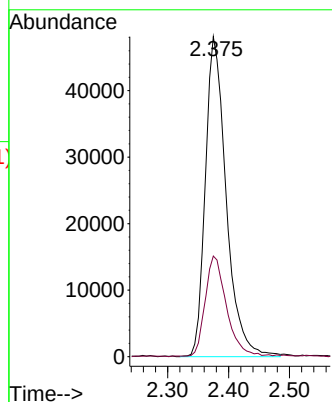


#5
 Vinyl chloride
 Concen: 22.509 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028656.D
 Acq: 21 May 2024 09:42

Instrument :
 MSVOA_W
 ClientSampleId :

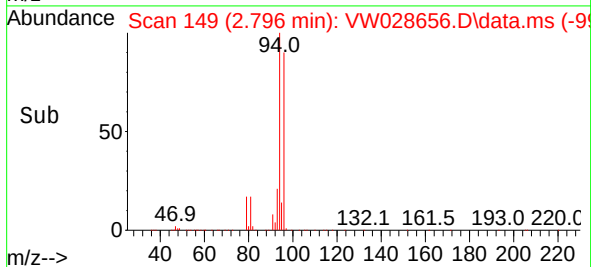
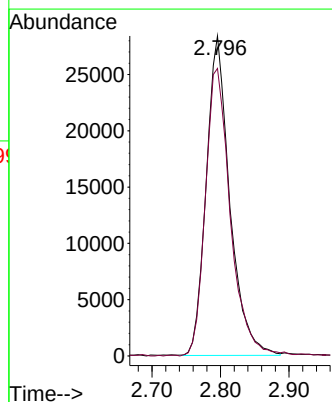
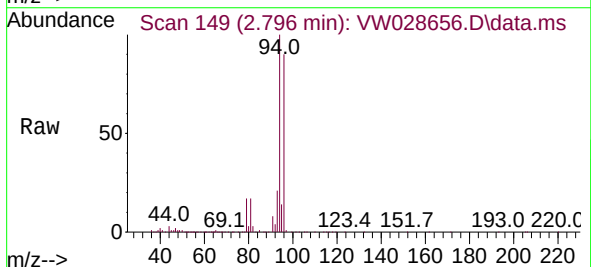


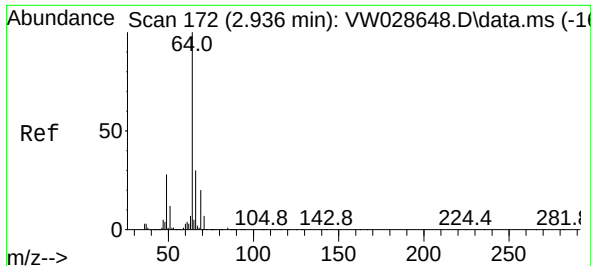
Tgt Ion: 62 Resp: 114425
 Ion Ratio Lower Upper
 62 100
 64 31.5 23.3 43.3



#6
 Bromomethane
 Concen: 23.093 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW028656.D
 Acq: 21 May 2024 09:42

Tgt Ion: 94 Resp: 67910
 Ion Ratio Lower Upper
 94 100
 96 89.9 66.3 123.1

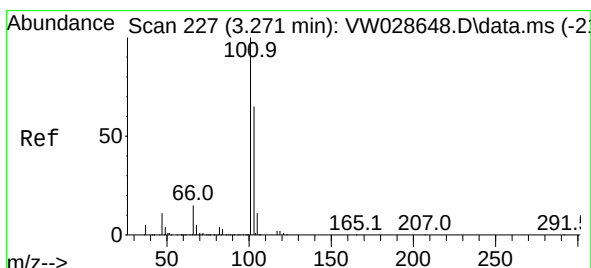
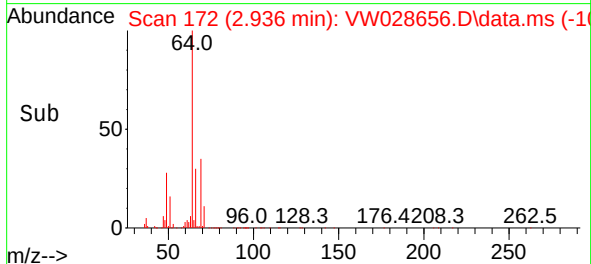
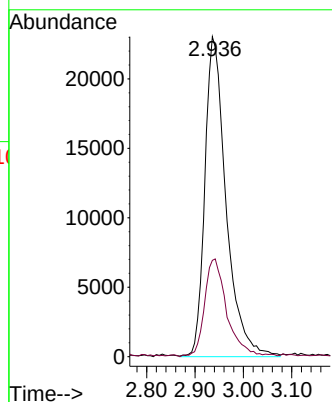
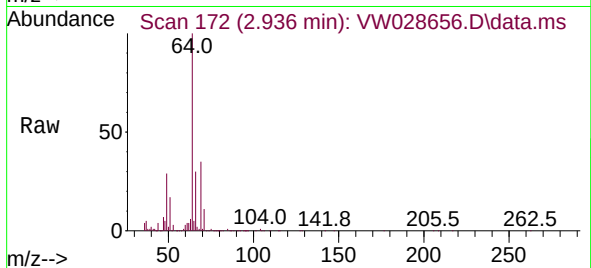




#8
Chloroethane
Concen: 24.275 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW028656.D
Acq: 21 May 2024 09:42

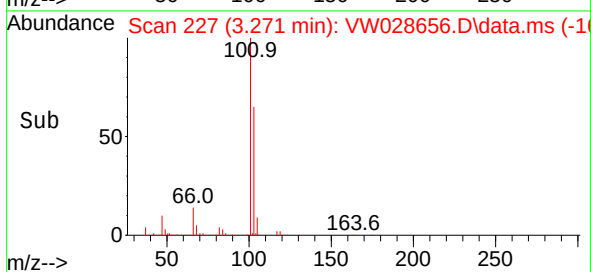
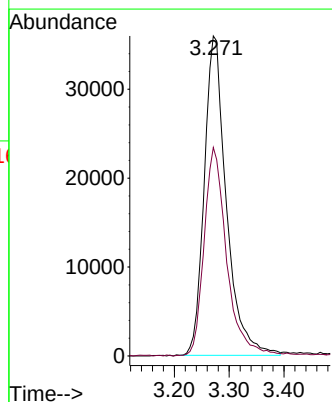
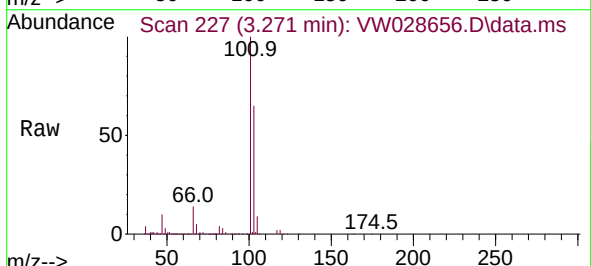
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MSVOA_W
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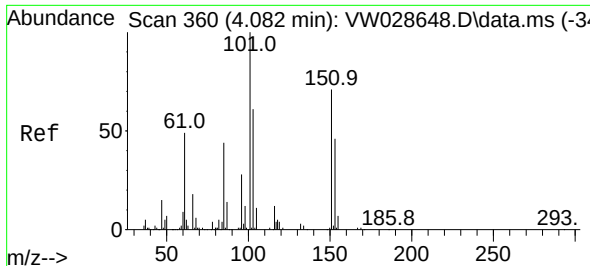
Tgt Ion: 64 Resp: 70377
Ion Ratio Lower Upper
64 100
66 30.1 21.7 40.3



#9
Trichlorofluoromethane
Concen: 24.119 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028656.D
Acq: 21 May 2024 09:42

Tgt Ion:101 Resp: 100663
Ion Ratio Lower Upper
101 100
103 65.8 50.4 75.6





#10

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

Concen: 22.578 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

Instrument :

MSVOA_W

ClientSampleId :

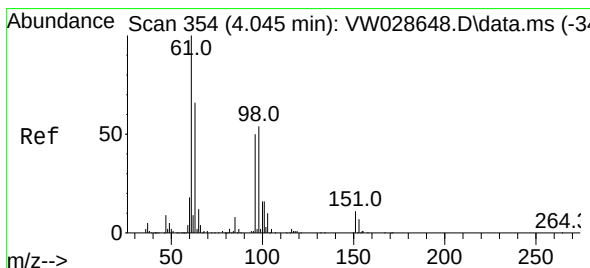
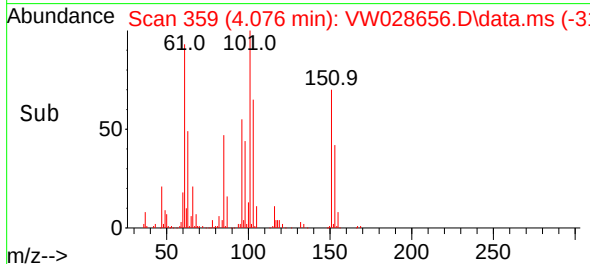
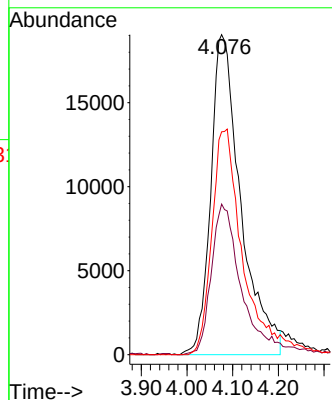
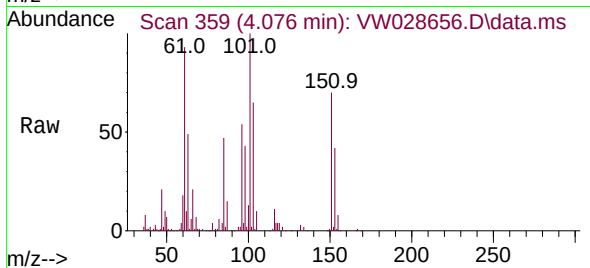
Tgt Ion:101 Resp: 86877

Ion Ratio Lower Upper

101 100

85 44.9 35.8 53.8

151 69.6 49.6 74.4



#12

1,1-Dichloroethene

Concen: 22.792 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

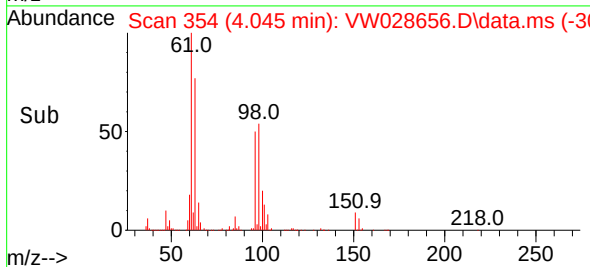
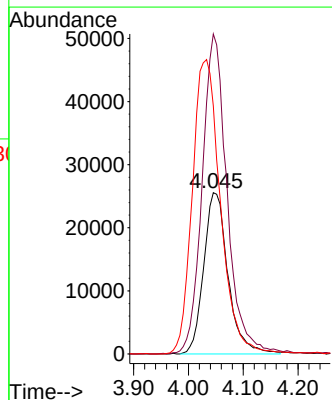
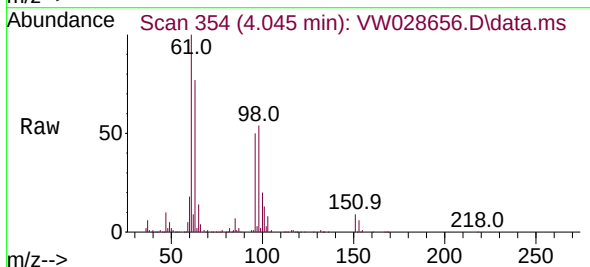
Tgt Ion: 96 Resp: 78674

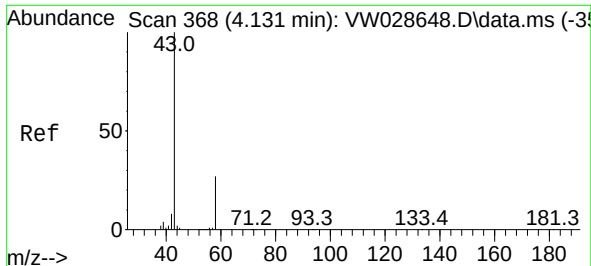
Ion Ratio Lower Upper

96 100

61 198.4 131.6 244.4

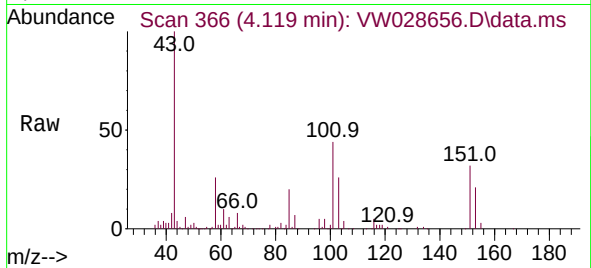
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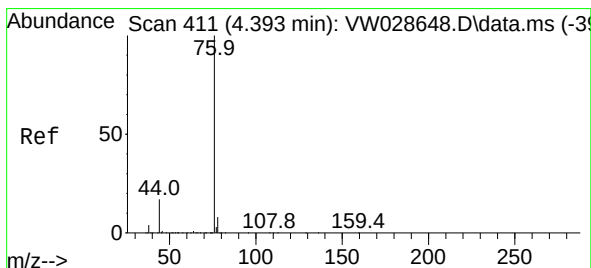
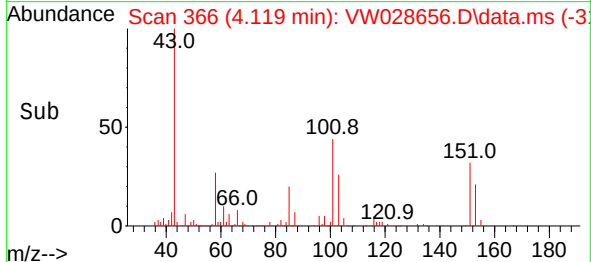
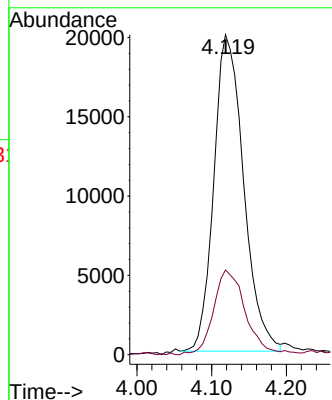


#13
Acetone
Concen: 48.927 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.012 min
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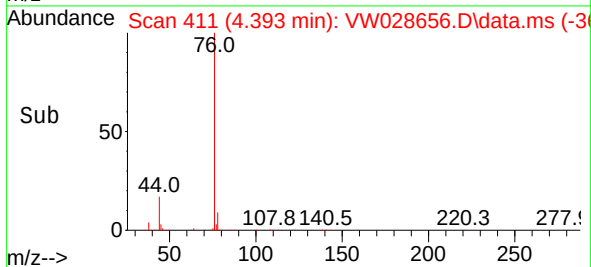
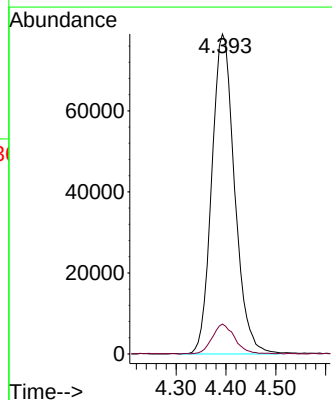
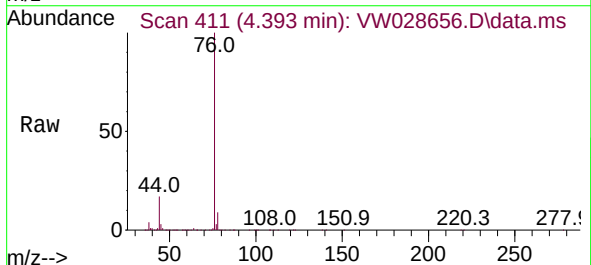


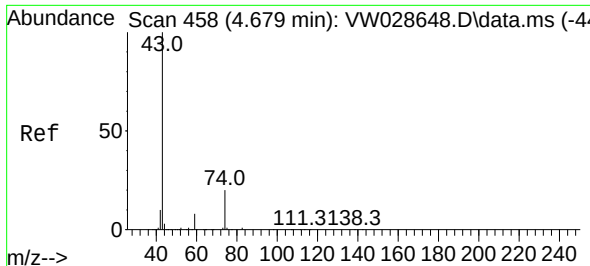
Tgt Ion: 43 Resp: 55306
Ion Ratio Lower Upper
43 100
58 26.8 0.0 54.4



#14
Carbon disulfide
Concen: 21.556 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW028656.D
Acq: 21 May 2024 09:42

Tgt Ion: 76 Resp: 251474
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0





#15

Methyl Acetate

Concen: 22.217 ug/L

RT: 4.673 min Scan# 4

Delta R.T. -0.006 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

Instrument :

MSVOA_W

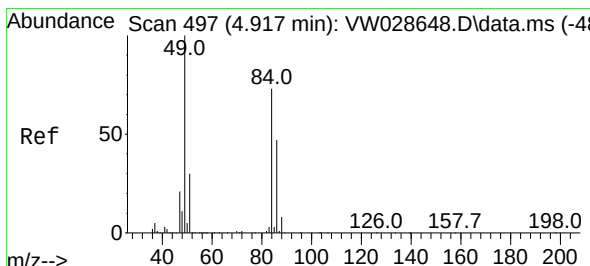
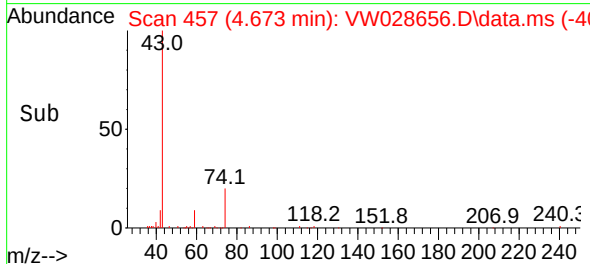
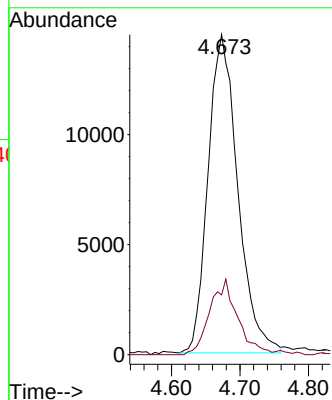
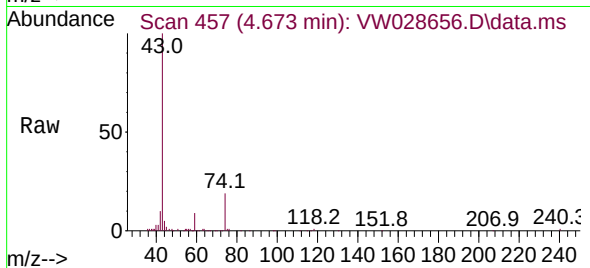
ClientSampleId :

Tgt Ion: 43 Resp: 43693

Ion Ratio Lower Upper

43 100

74 7.6 17.6 26.4#



#16

Methylene chloride

Concen: 22.478 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.000 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

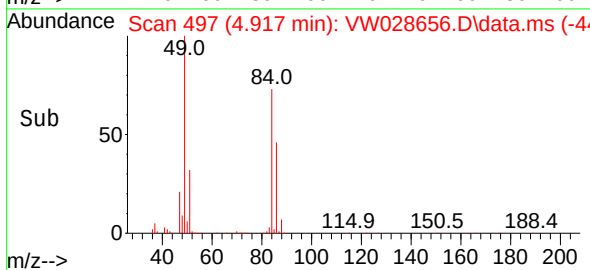
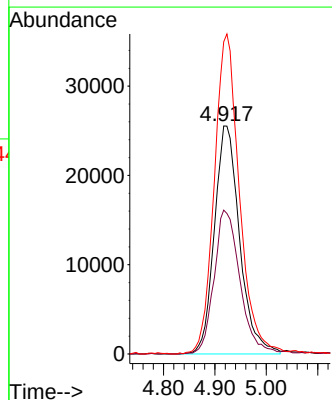
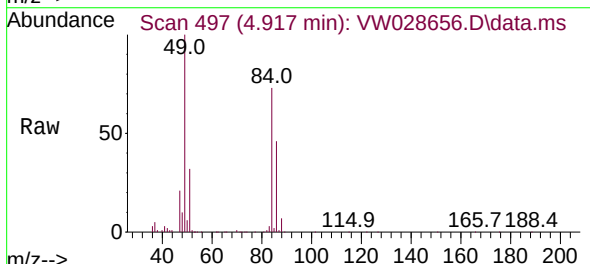
Tgt Ion: 84 Resp: 87192

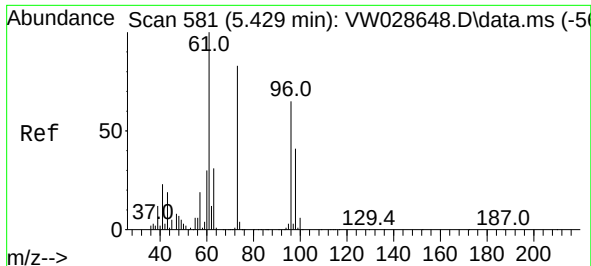
Ion Ratio Lower Upper

84 100

86 63.1 44.4 82.4

49 136.9 100.2 186.2





#17

trans-1,2-Dichloroethene

Concen: 23.242 ug/L

RT: 5.435 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

Instrument :

MSVOA_W

ClientSampleId :

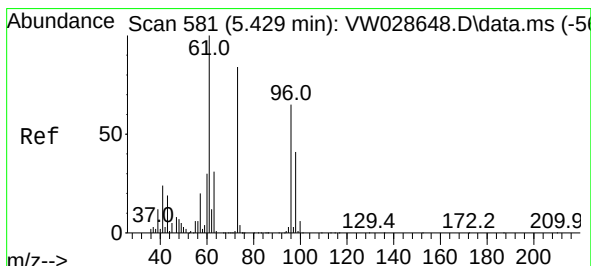
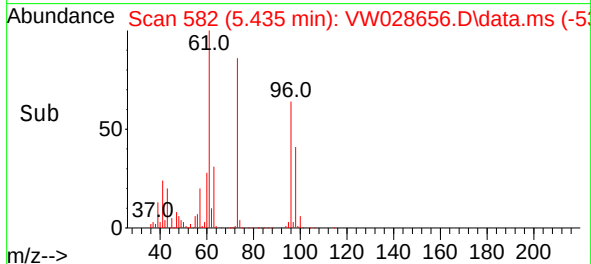
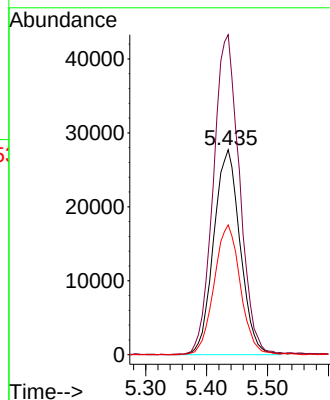
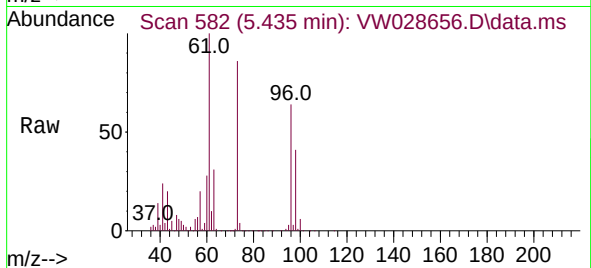
Tgt Ion: 96 Resp: 83525

Ion Ratio Lower Upper

96 100

61 156.1 109.0 202.4

98 63.3 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 24.771 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

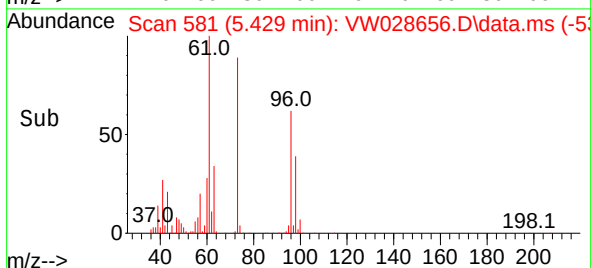
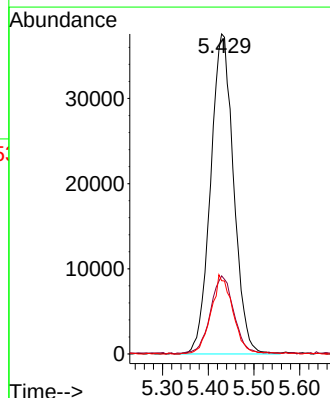
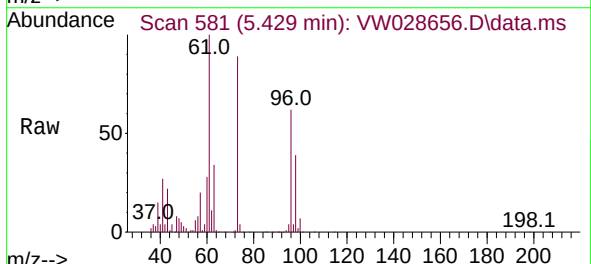
Tgt Ion: 73 Resp: 131365

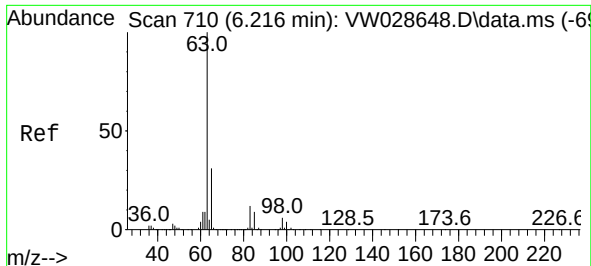
Ion Ratio Lower Upper

73 100

43 24.3 19.2 28.8

57 23.4 18.5 27.7





#19

1,1-Dichloroethane

Concen: 24.310 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

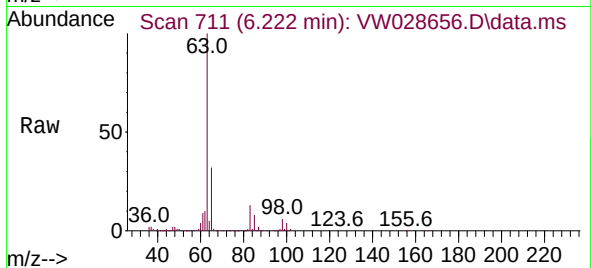
Lab File: VW028656.D

Acq: 21 May 2024 09:42

Instrument :

MSVOA_W

ClientSampleId :



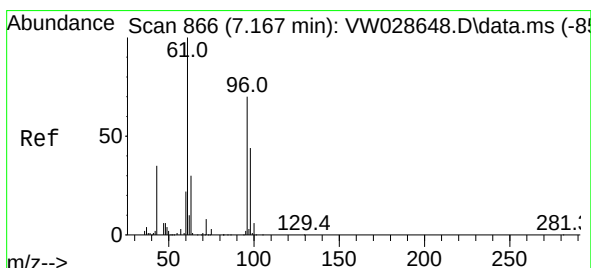
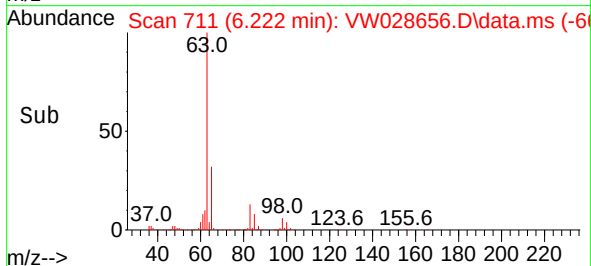
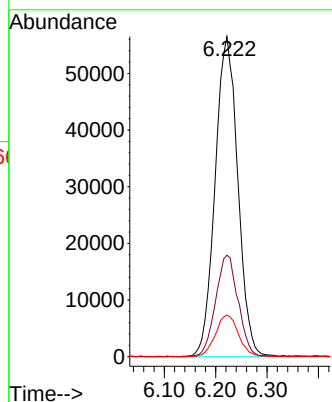
Tgt Ion: 63 Resp: 173238

Ion Ratio Lower Upper

63 100

65 31.7 22.9 42.5

83 13.0 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 24.172 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

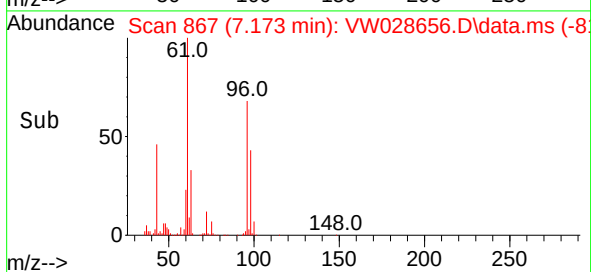
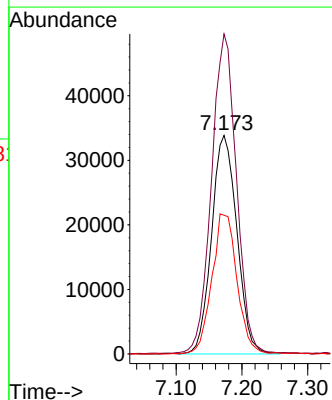
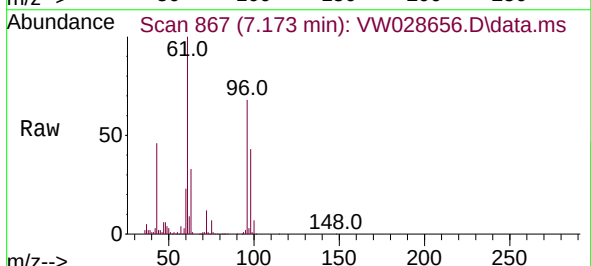
Tgt Ion: 96 Resp: 90909

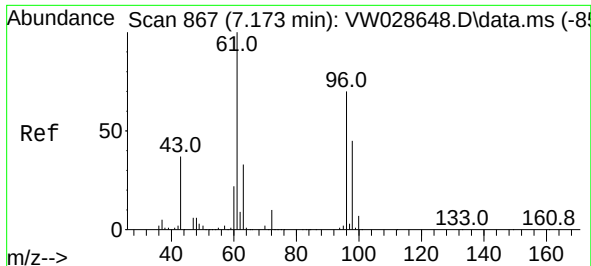
Ion Ratio Lower Upper

96 100

61 146.4 102.8 191.0

98 63.4 44.3 82.3





#22

2-Butanone

Concen: 43.965 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

Instrument :

MSVOA_W

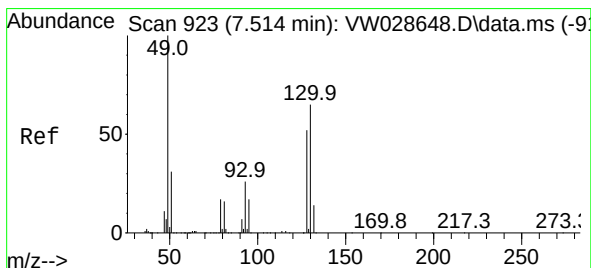
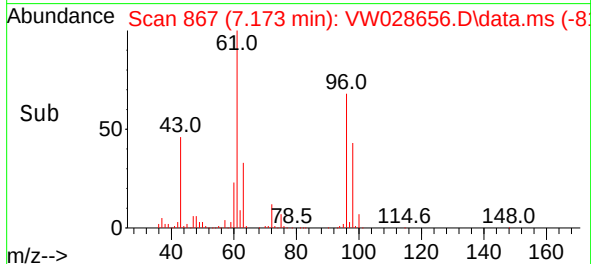
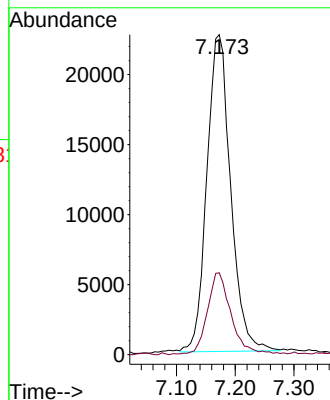
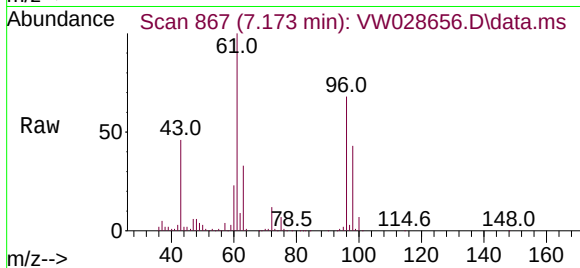
ClientSampleId :

Tgt Ion: 43 Resp: 63788

Ion Ratio Lower Upper

43 100

72 24.6 12.2 36.6



#23

Bromochloromethane

Concen: 24.064 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

Tgt Ion: 128 Resp: 39479

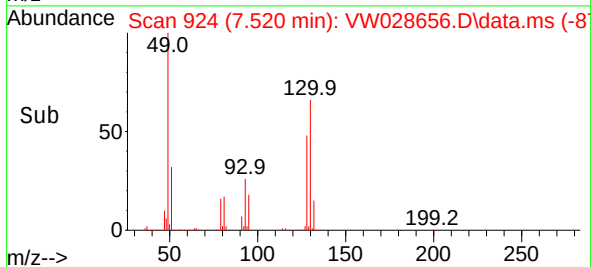
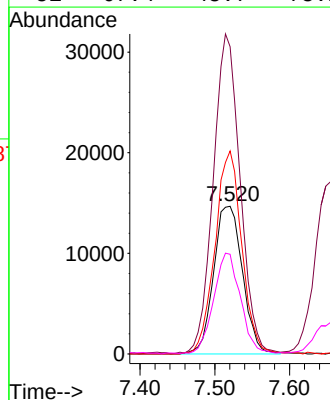
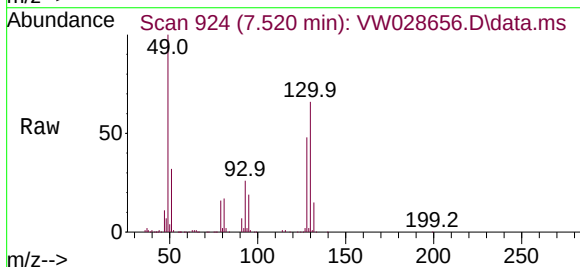
Ion Ratio Lower Upper

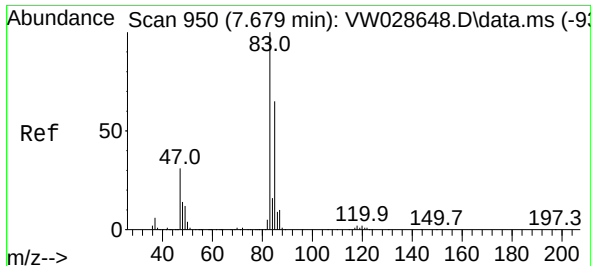
128 100

49 207.9 139.6 259.2

130 137.4 91.2 169.4

51 67.4 48.7 73.1





#25

Chloroform

Concen: 24.970 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

Instrument :

MSVOA_W

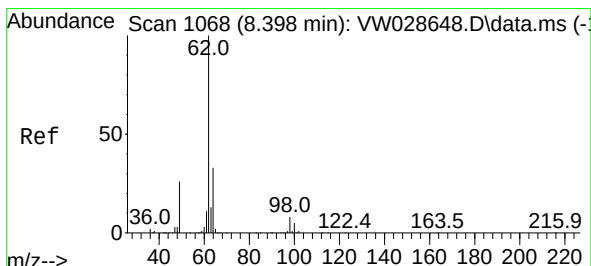
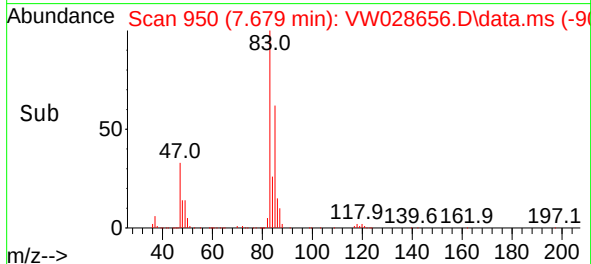
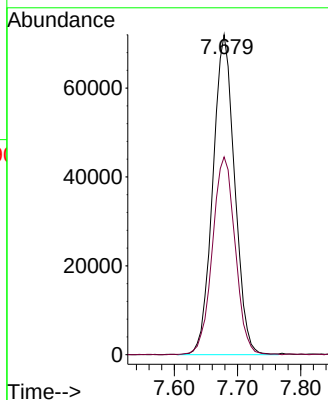
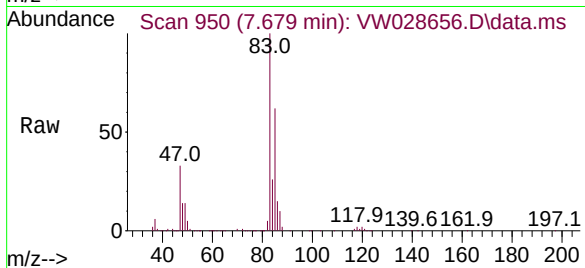
ClientSampleId :

Tgt Ion: 83 Resp: 172107

Ion Ratio Lower Upper

83 100

85 61.8 43.4 80.6



#27

1,2-Dichloroethane

Concen: 24.884 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW028656.D

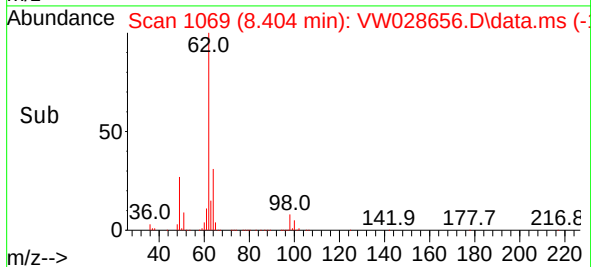
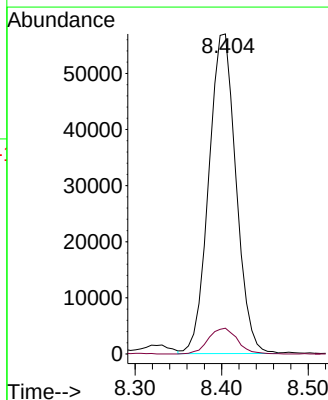
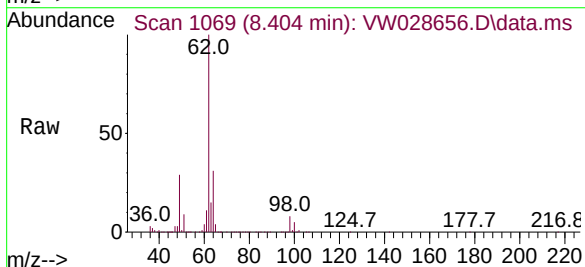
Acq: 21 May 2024 09:42

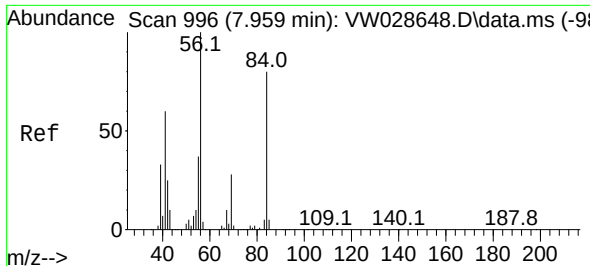
Tgt Ion: 62 Resp: 124679

Ion Ratio Lower Upper

62 100

98 8.1 7.0 10.6





#29

Cyclohexane

Concen: 22.601 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

Instrument :

MSVOA_W

ClientSampleId :

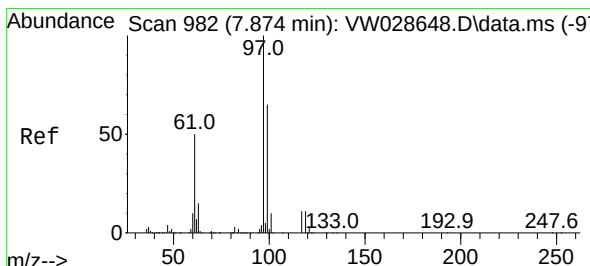
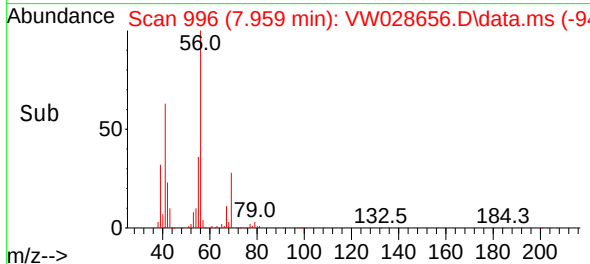
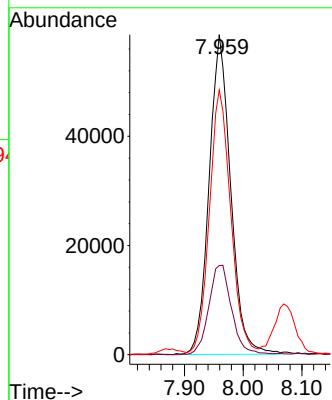
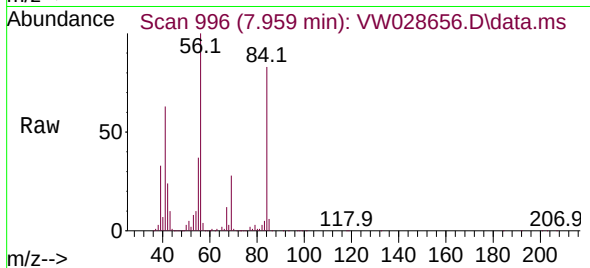
Tgt Ion: 56 Resp: 148946

Ion Ratio Lower Upper

56 100

69 29.6 23.4 35.0

84 82.4 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 24.012 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

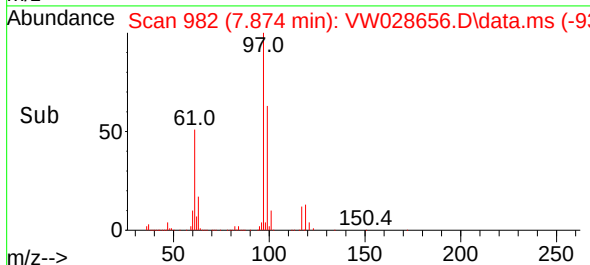
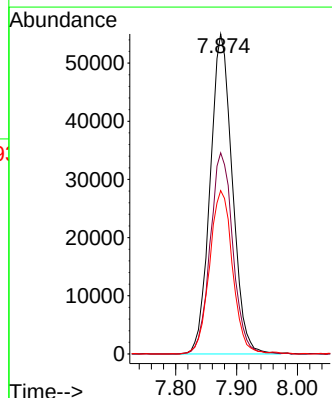
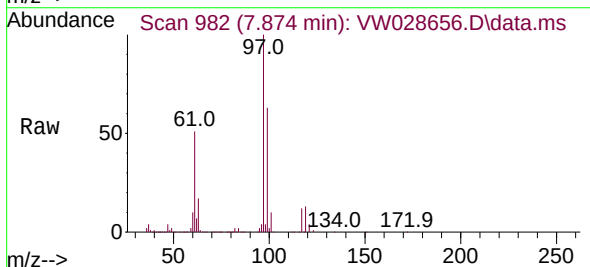
Tgt Ion: 97 Resp: 139077

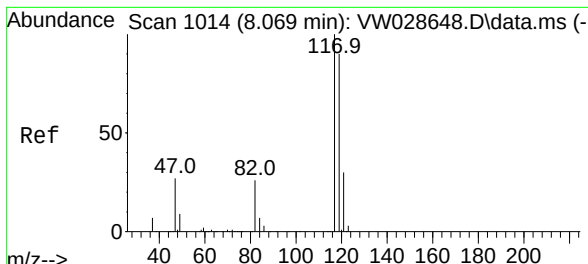
Ion Ratio Lower Upper

97 100

99 64.3 50.9 76.3

61 53.0 41.0 61.6

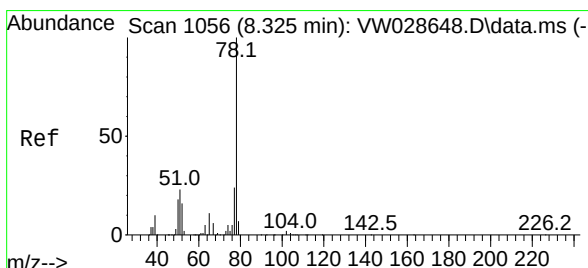
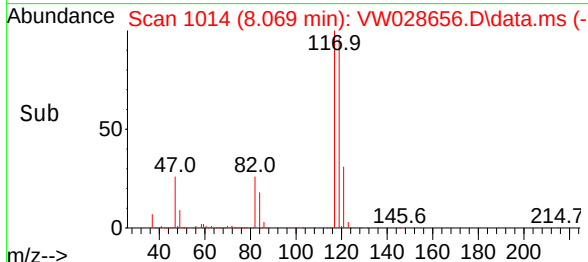
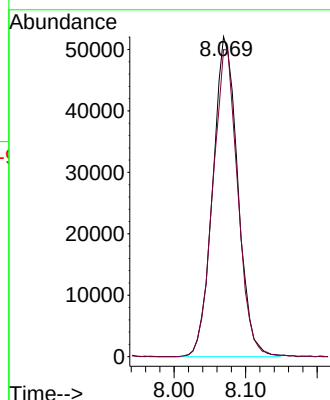
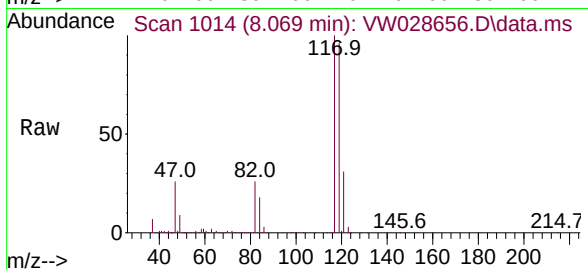




#31
Carbon tetrachloride
Concen: 23.908 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW028656.D
Acq: 21 May 2024 09:42

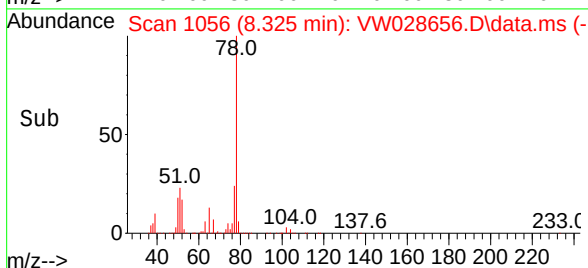
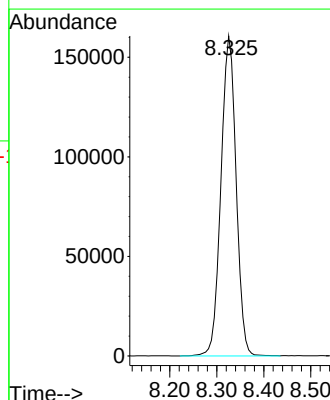
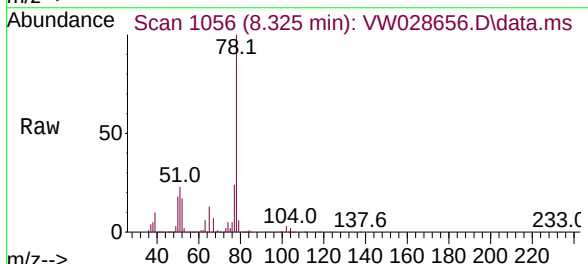
Instrument : MSVOA_W
ClientSampleId :

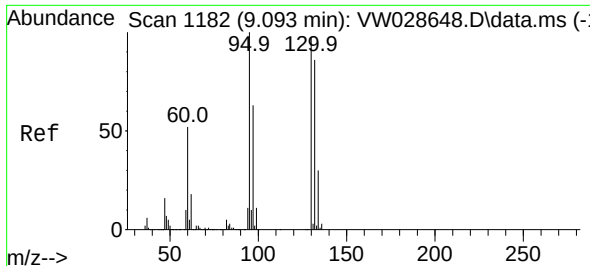
Tgt Ion:117 Resp: 126254
Ion Ratio Lower Upper
117 100
119 96.4 77.2 115.8



#33
Benzene
Concen: 24.145 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028656.D
Acq: 21 May 2024 09:42

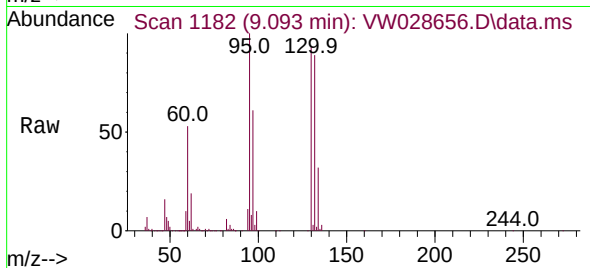
Tgt Ion: 78 Resp: 361886



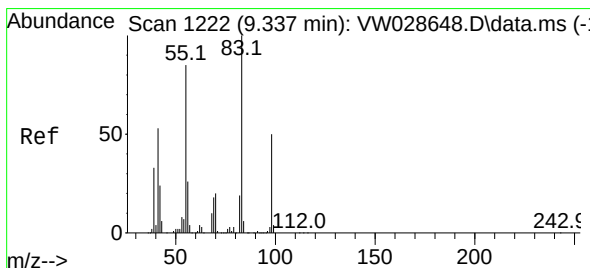
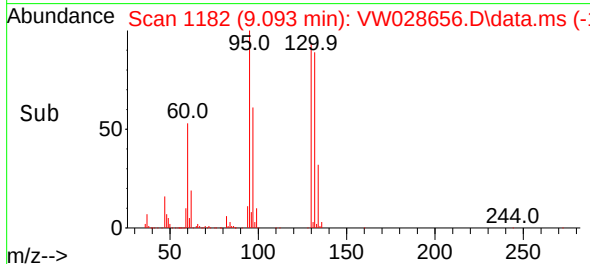
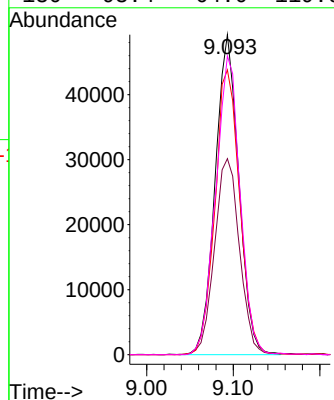


#34
Trichloroethene
Concen: 23.219 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW028656.D
Acq: 21 May 2024 09:42

Instrument :
MSVOA_W
ClientSampleId :

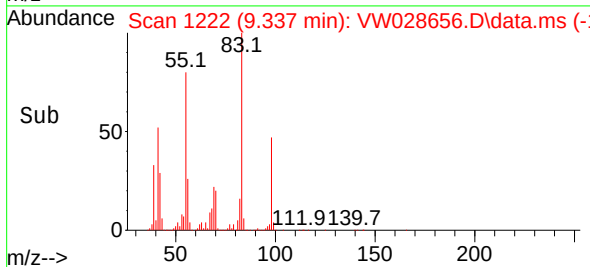
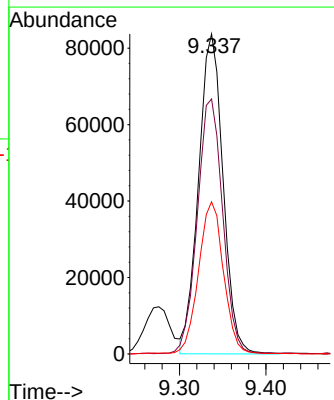
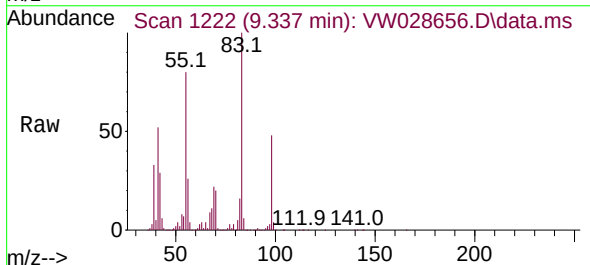


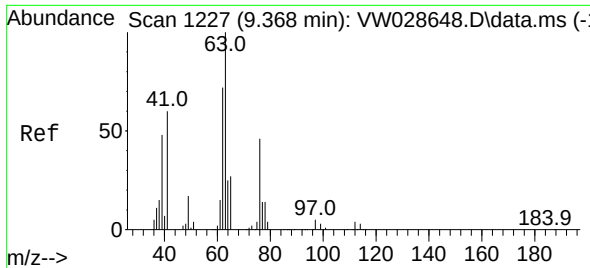
Tgt Ion: 95 Resp: 93305
Ion Ratio Lower Upper
95 100
97 61.2 44.9 83.3
132 89.0 59.7 110.9
130 93.4 64.0 119.0



#35
Methylcyclohexane
Concen: 23.413 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW028656.D
Acq: 21 May 2024 09:42

Tgt Ion: 83 Resp: 164422
Ion Ratio Lower Upper
83 100
55 82.8 66.9 100.3
98 48.5 37.9 56.9





#37

1,2-Dichloropropane

Concen: 24.507 ug/L

RT: 9.368 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

Instrument :

MSVOA_W

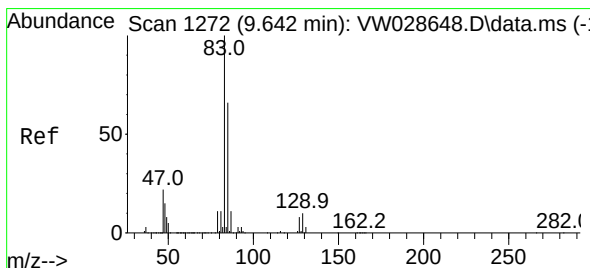
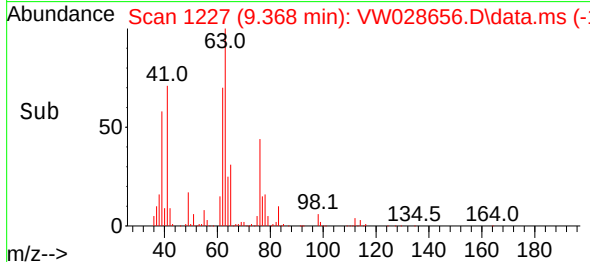
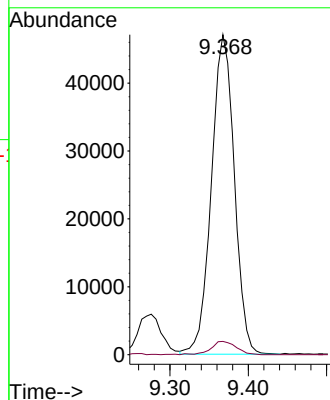
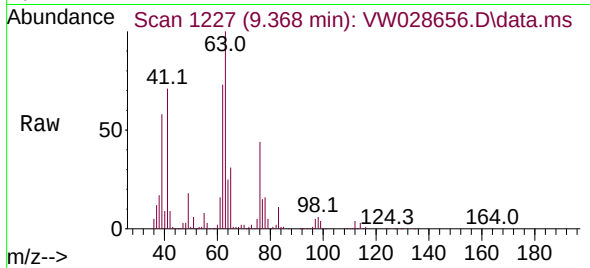
ClientSampleId :

Tgt Ion: 63 Resp: 95713

Ion Ratio Lower Upper

63 100

112 4.4 3.5 5.3



#38

Bromodichloromethane

Concen: 25.565 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

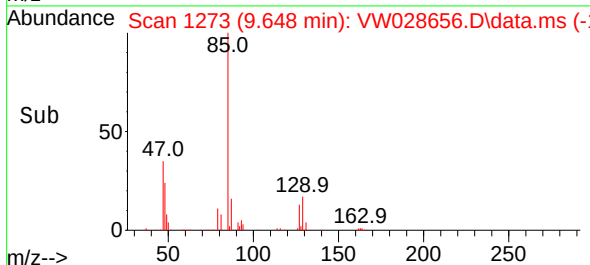
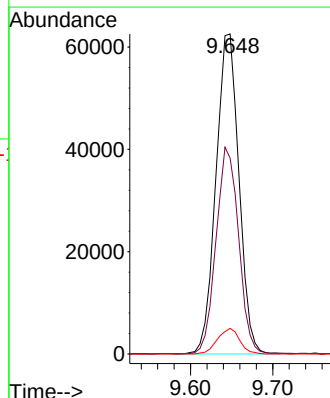
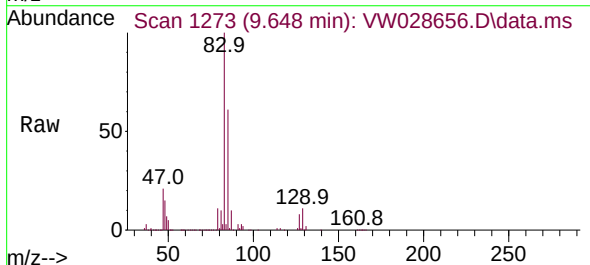
Tgt Ion: 83 Resp: 121710

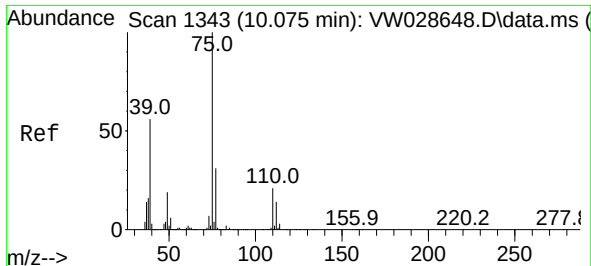
Ion Ratio Lower Upper

83 100

85 61.2 43.0 80.0

127 8.0 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 25.490 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

Instrument :

MSVOA_W

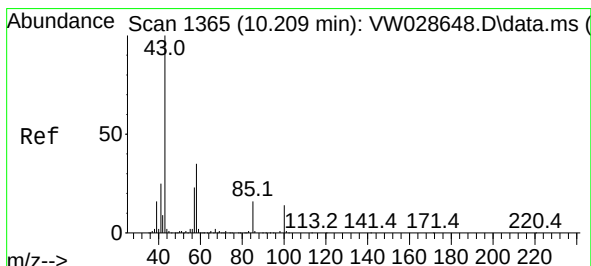
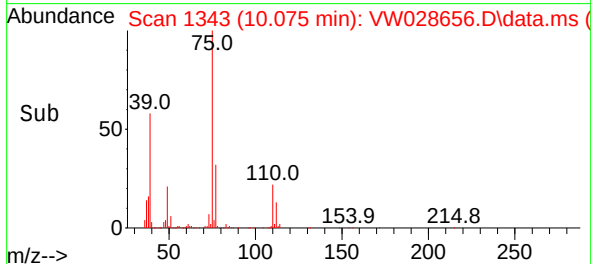
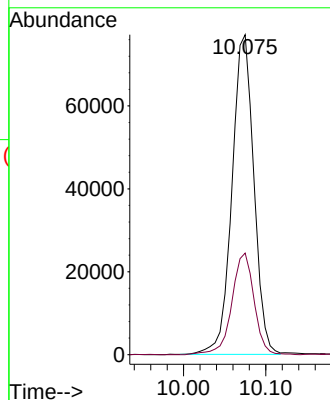
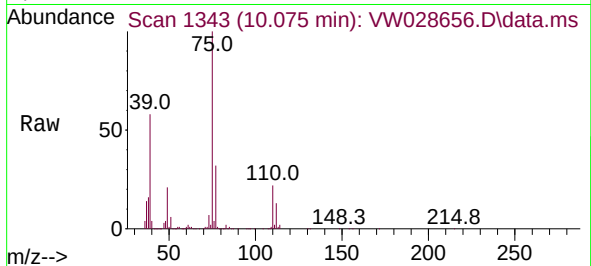
ClientSampleId :

Tgt Ion: 75 Resp: 142687

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 47.019 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

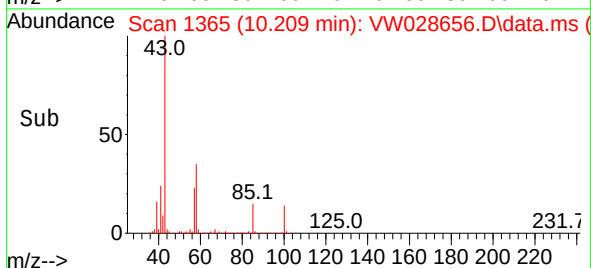
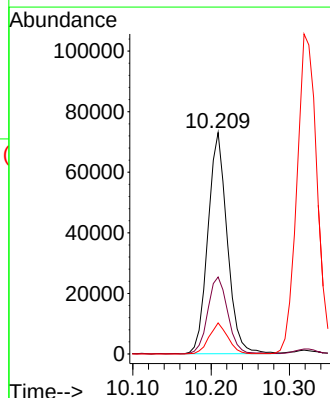
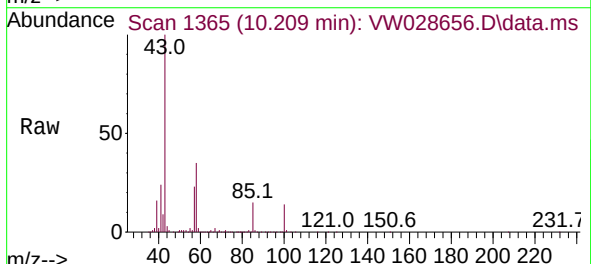
Tgt Ion: 43 Resp: 124980

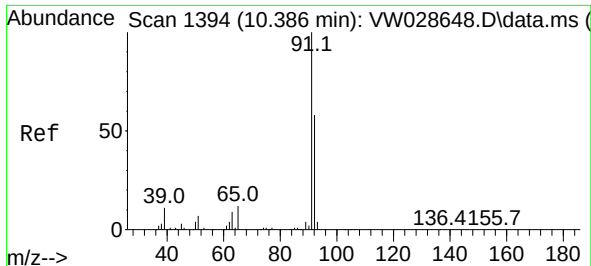
Ion Ratio Lower Upper

43 100

58 36.0 29.2 43.8

100 13.6 11.0 16.4

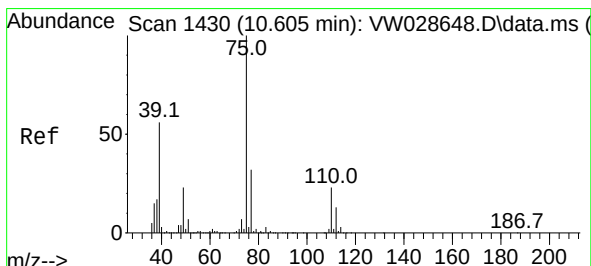
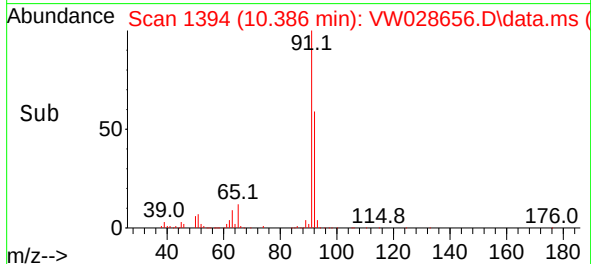
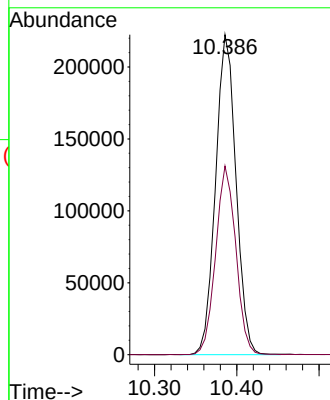
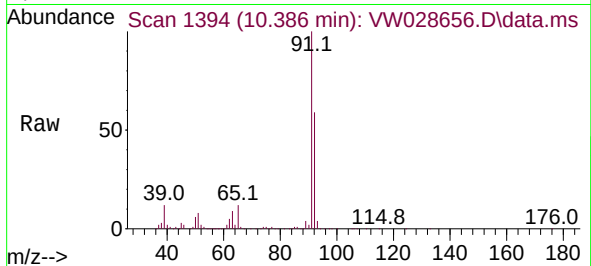




#42
Toluene
Concen: 24.826 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW028656.D
Acq: 21 May 2024 09:42

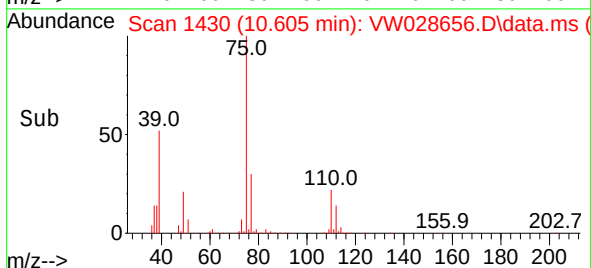
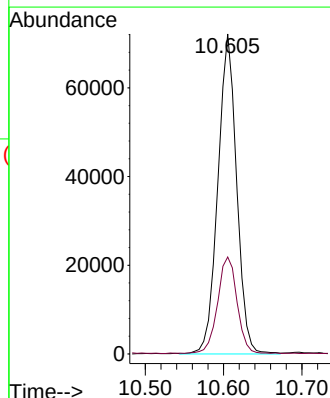
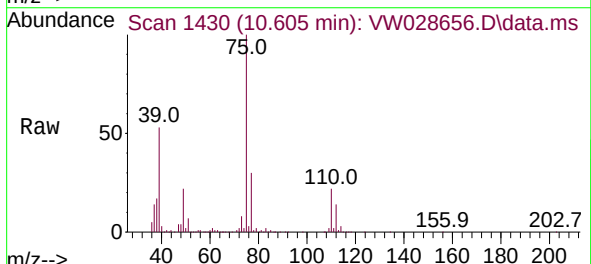
Instrument :
MSVOA_W
ClientSampleId :

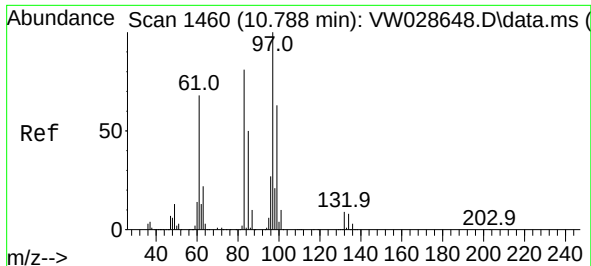
Tgt Ion: 91 Resp: 384315
Ion Ratio Lower Upper
91 100
92 58.9 42.5 78.9



#44
trans-1,3-Dichloropropene
Concen: 25.496 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW028656.D
Acq: 21 May 2024 09:42

Tgt Ion: 75 Resp: 120336
Ion Ratio Lower Upper
75 100
77 30.3 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 24.606 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 69615

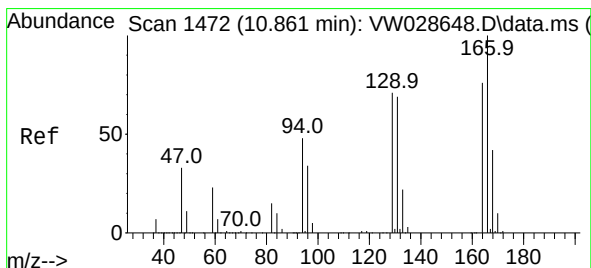
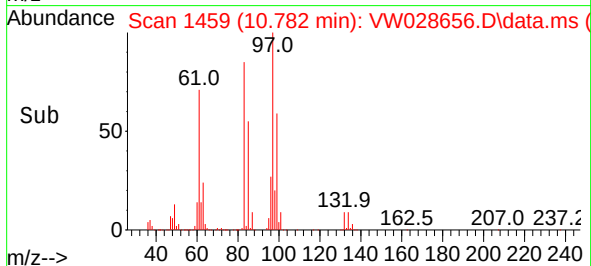
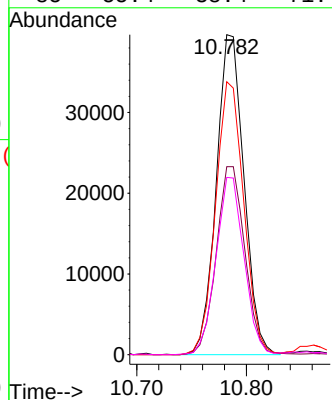
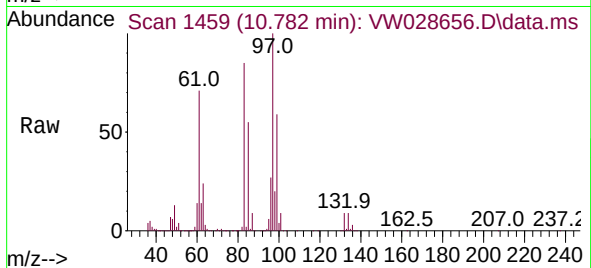
Ion Ratio Lower Upper

97 100

99 58.7 41.9 77.9

83 85.3 62.1 115.3

85 55.4 38.4 71.4



#46

Tetrachloroethene

Concen: 23.829 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

Tgt Ion:164 Resp: 68991

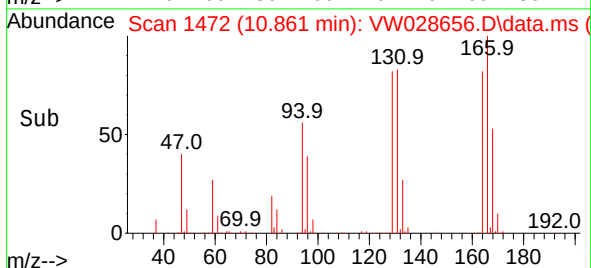
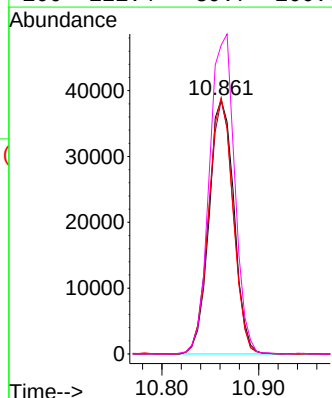
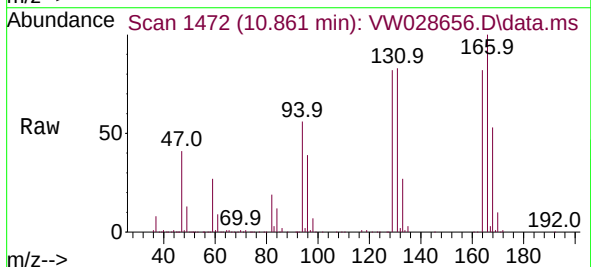
Ion Ratio Lower Upper

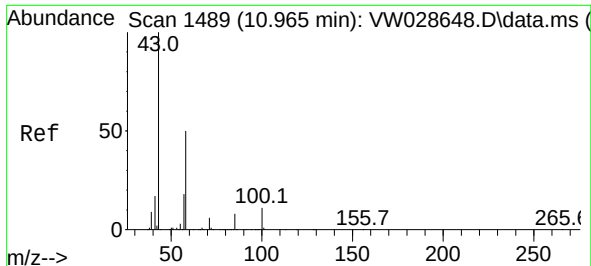
164 100

129 99.7 69.2 128.6

131 100.8 67.7 125.7

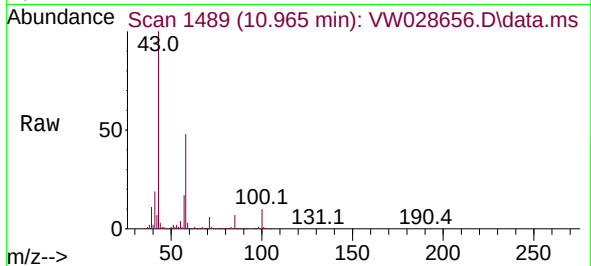
166 121.4 89.7 166.7



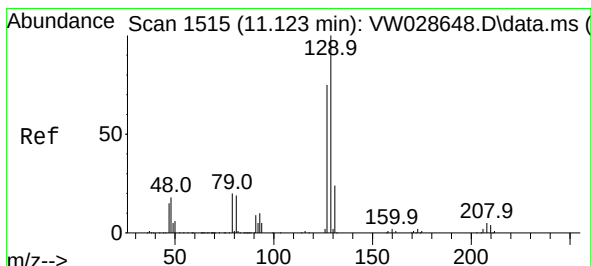
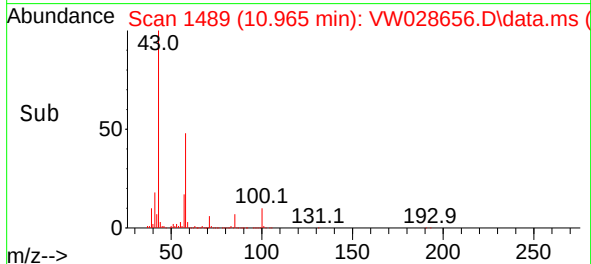
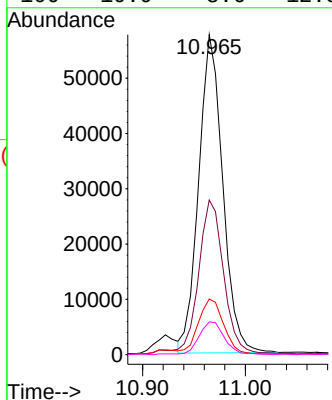


#48
2-Hexanone
Concen: 50.025 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028656.D
Acq: 21 May 2024 09:42

Instrument :
MSVOA_W
ClientSampleId :

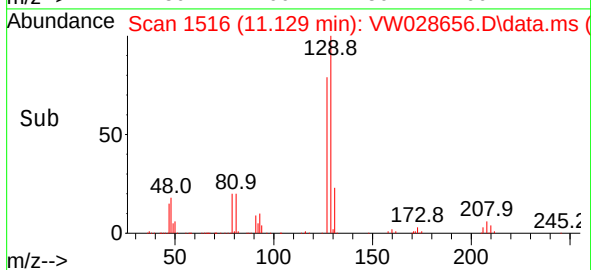
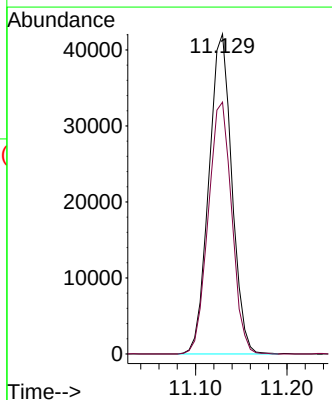
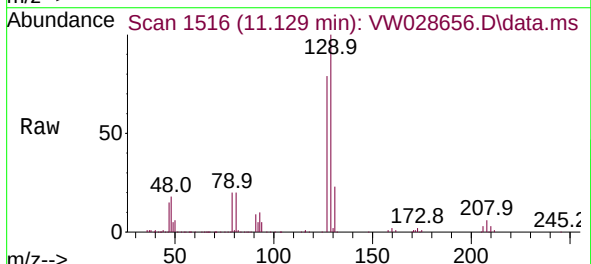


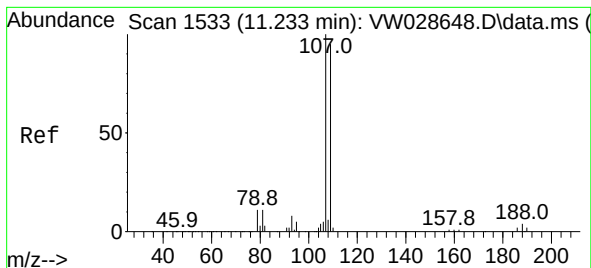
Tgt Ion:	43	Resp:	93877
Ion	Ratio	Lower	Upper
43	100		
58	50.7	41.0	61.4
57	18.6	14.8	22.2
100	10.9	8.6	12.8



#49
Dibromochloromethane
Concen: 25.945 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW028656.D
Acq: 21 May 2024 09:42

Tgt Ion:	129	Resp:	73626
Ion	Ratio	Lower	Upper
129	100		
127	78.7	54.3	100.8





#50

1,2-Dibromoethane

Concen: 24.427 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW028656.D

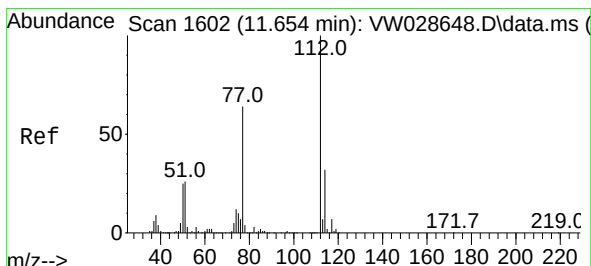
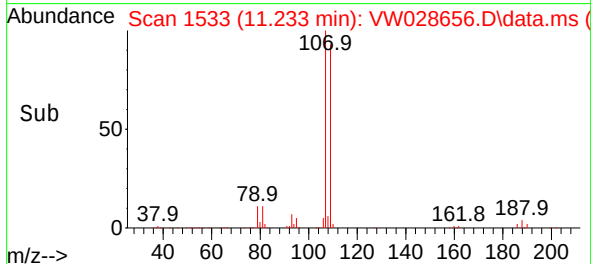
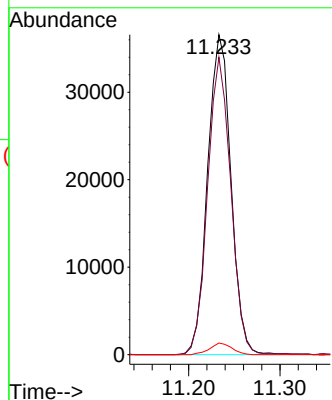
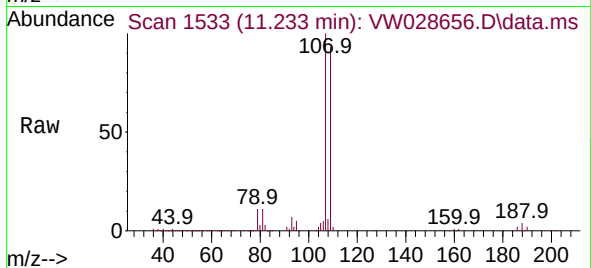
Acq: 21 May 2024 09:42

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	64738
Ion	Ratio	Lower	Upper
107	100		
109	93.0	64.2	119.2
188	3.6	3.1	4.7



#51

Chlorobenzene

Concen: 24.854 ug/L

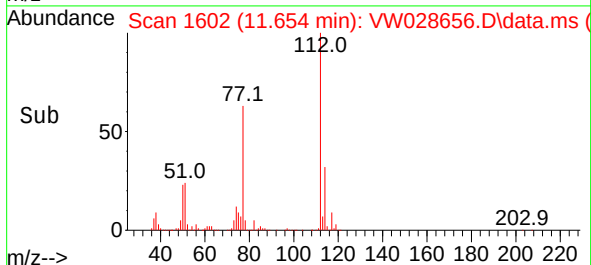
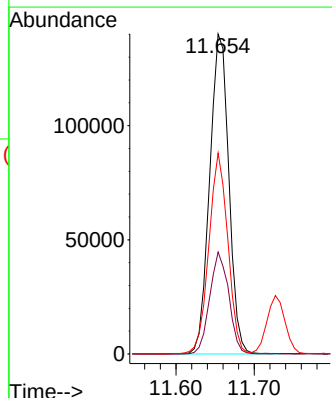
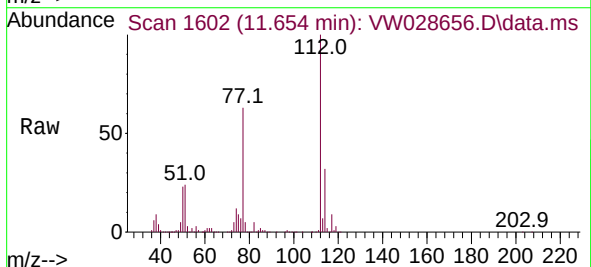
RT: 11.654 min Scan# 1602

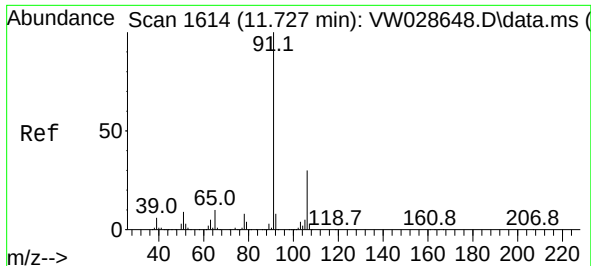
Delta R.T. -0.000 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

Tgt Ion:	112	Resp:	237992
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.2	41.2
77	62.8	50.8	76.2





#52

Ethylbenzene

Concen: 25.412 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

Instrument :

MSVOA_W

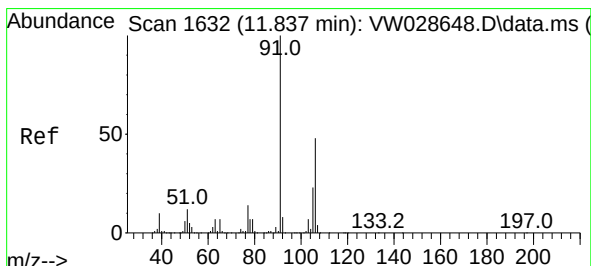
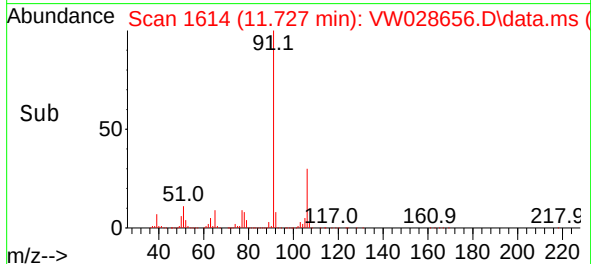
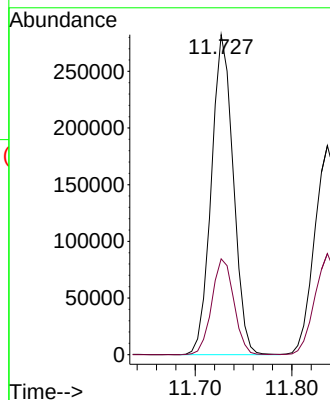
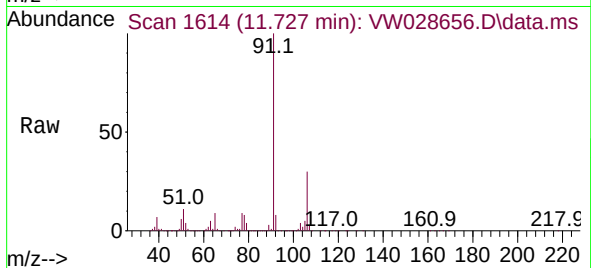
ClientSampleId :

Tgt Ion: 91 Resp: 445187

Ion Ratio Lower Upper

91 100

106 30.0 22.7 42.1



#53

m,p-Xylene

Concen: 25.159 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028656.D

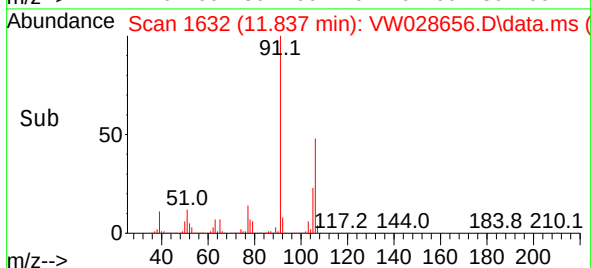
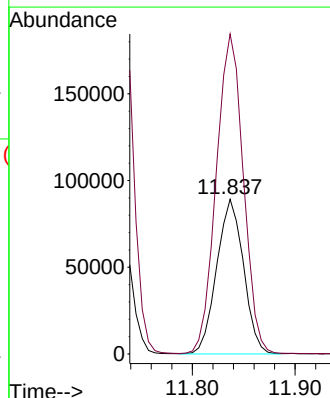
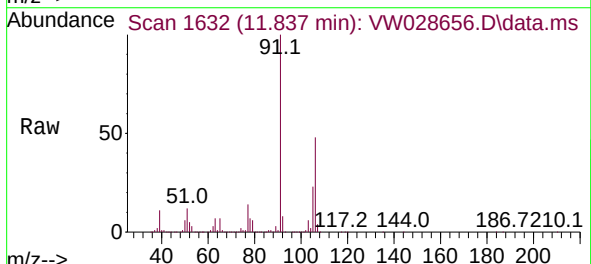
Acq: 21 May 2024 09:42

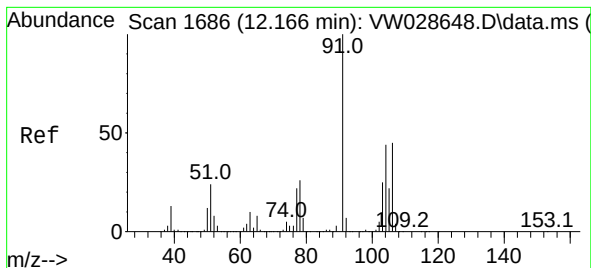
Tgt Ion:106 Resp: 161562

Ion Ratio Lower Upper

106 100

91 206.8 146.6 272.2





#54

o-Xylene

Concen: 25.444 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

Instrument :

MSVOA_W

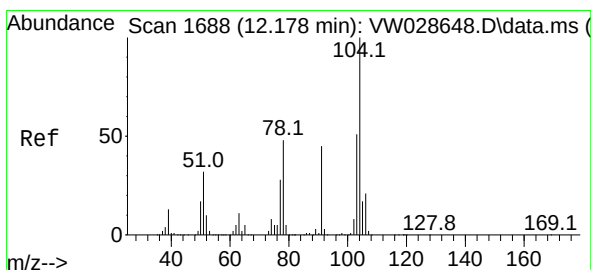
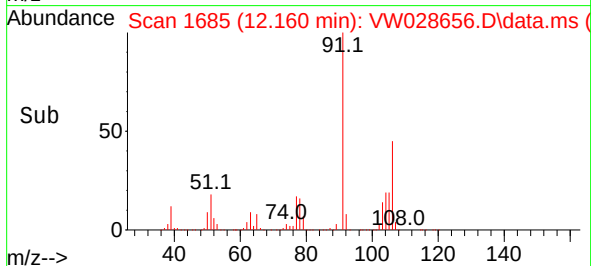
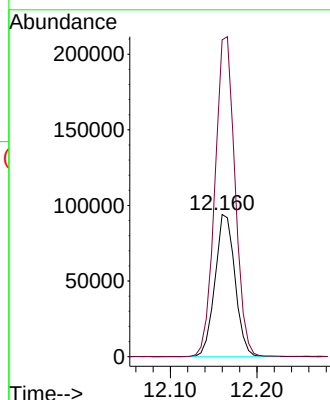
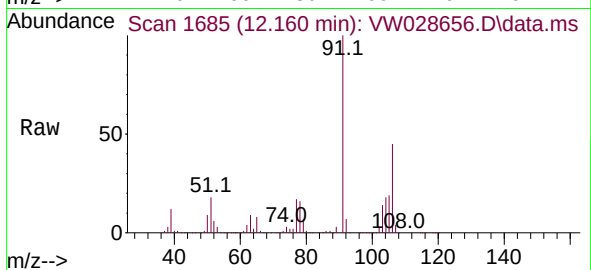
ClientSampleId :

Tgt Ion:106 Resp: 151158

Ion Ratio Lower Upper

106 100

91 222.7 154.3 286.5



#55

Styrene

Concen: 26.766 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028656.D

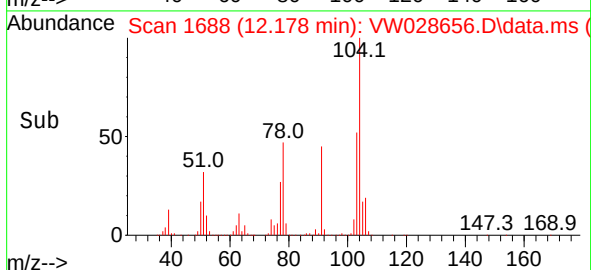
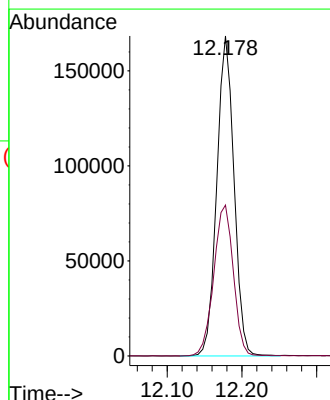
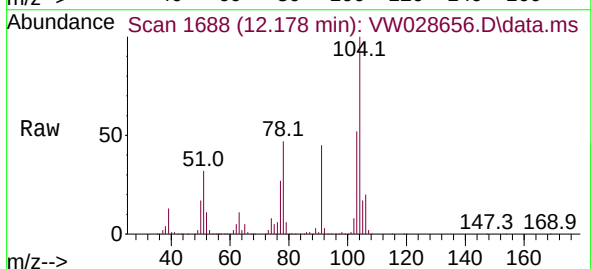
Acq: 21 May 2024 09:42

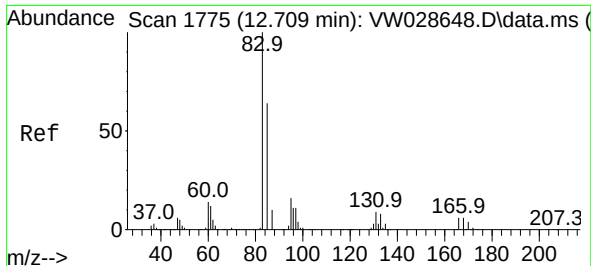
Tgt Ion:104 Resp: 269440

Ion Ratio Lower Upper

104 100

78 47.2 34.1 63.3





#57

1,1,2,2-Tetrachloroethane

Concen: 24.402 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028656.D

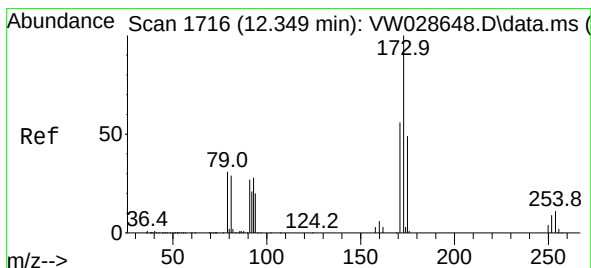
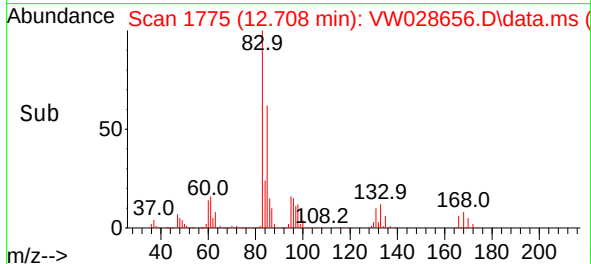
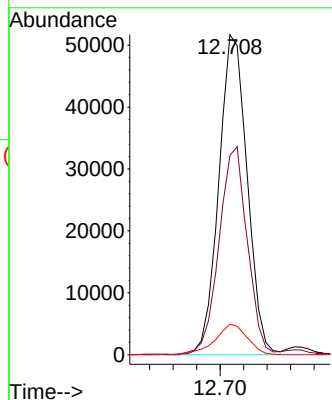
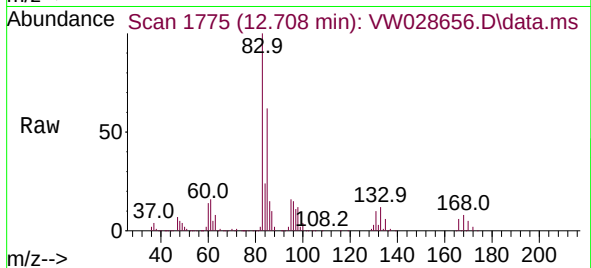
Acq: 21 May 2024 09:42

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	86616
Ion Ratio	Lower	Upper	
83	100		
85	62.3	45.6	84.6
131	9.6	7.3	10.9



#59

Bromoform

Concen: 24.295 ug/L

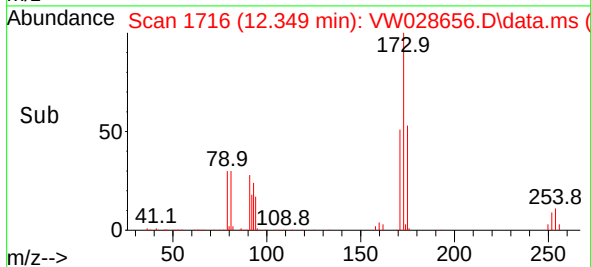
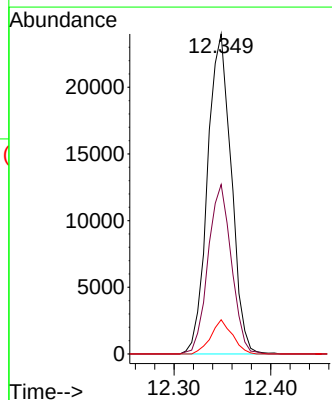
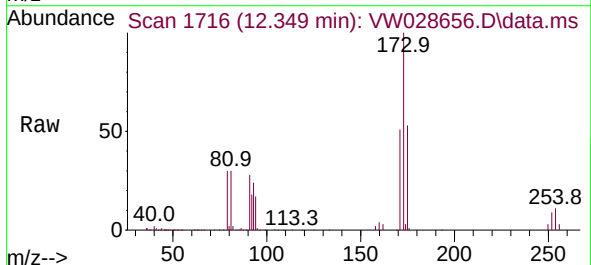
RT: 12.349 min Scan# 1716

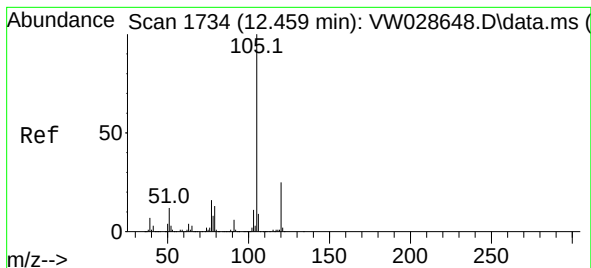
Delta R.T. -0.000 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

Tgt Ion:	173	Resp:	40856
Ion Ratio	Lower	Upper	
173	100		
175	52.0	39.8	59.8
254	9.7	7.1	10.7





#60

Isopropylbenzene

Concen: 24.714 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

Instrument :

MSVOA_W

ClientSampleId :

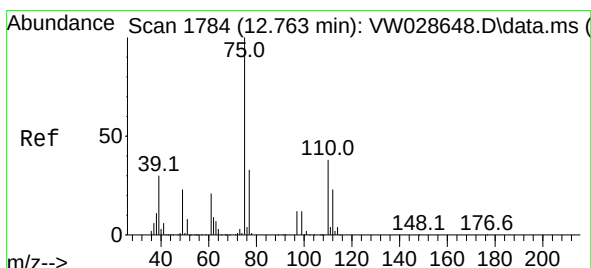
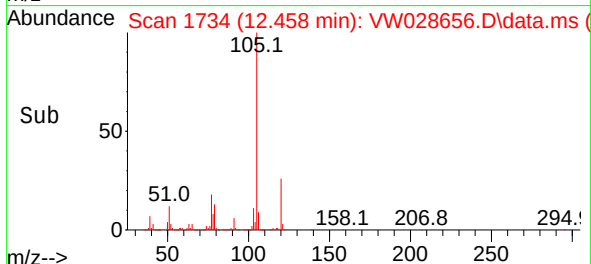
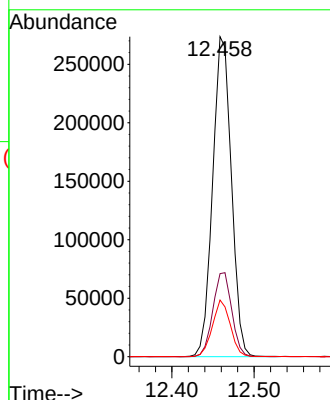
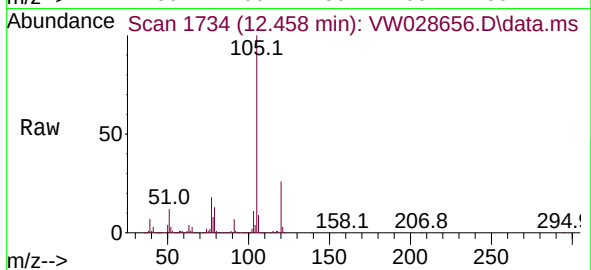
Tgt Ion:105 Resp: 432183

Ion Ratio Lower Upper

105 100

120 26.5 20.5 30.7

77 16.9 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 22.822 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

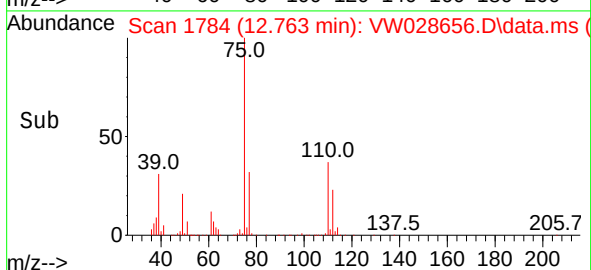
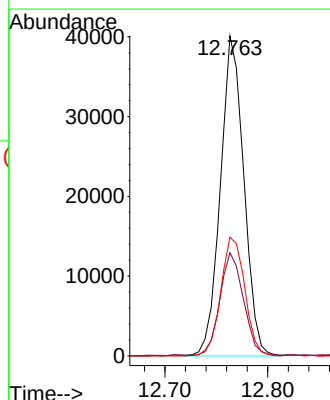
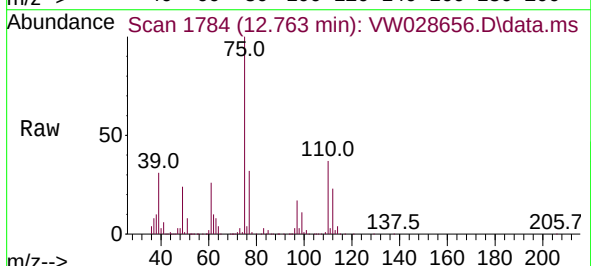
Tgt Ion: 75 Resp: 63575

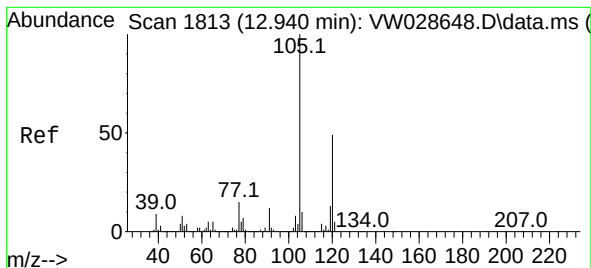
Ion Ratio Lower Upper

75 100

77 32.0 25.9 38.9

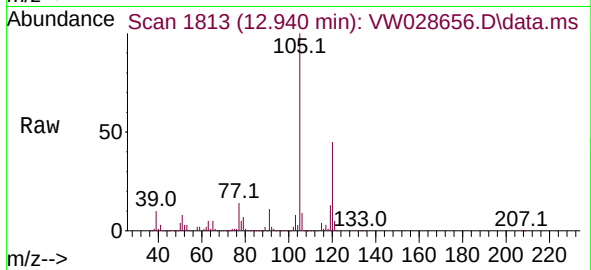
110 37.9 30.6 45.8



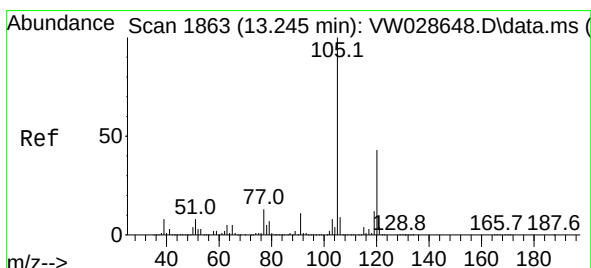
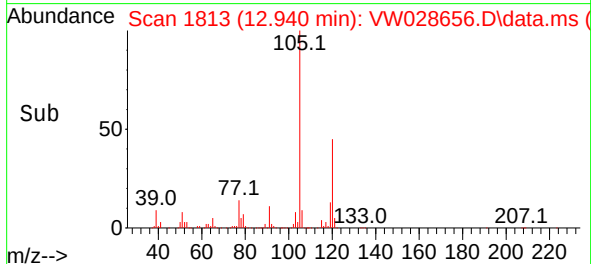
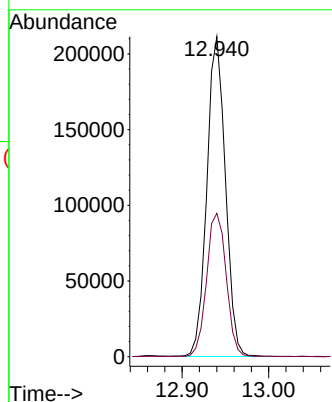


#62
1,3,5-Trimethylbenzene
Concen: 25.402 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028656.D
Acq: 21 May 2024 09:42

Instrument :
MSVOA_W
ClientSampleId :

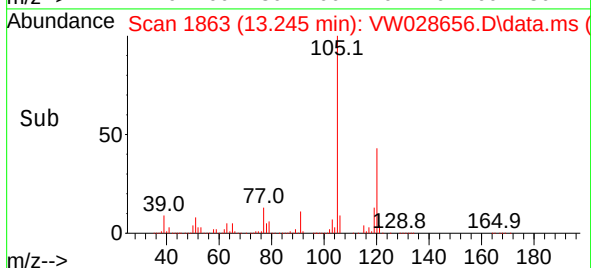
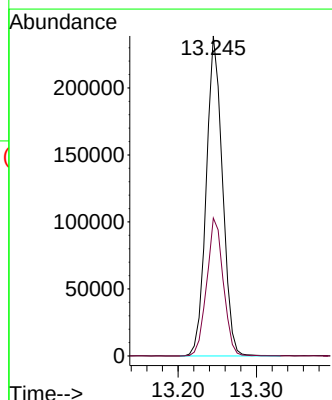
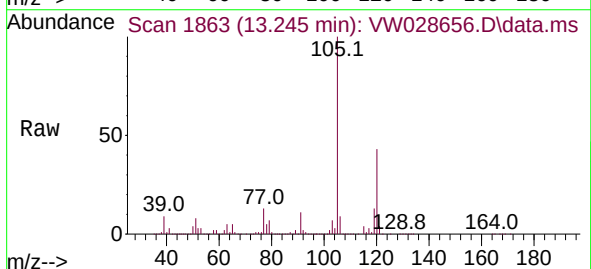


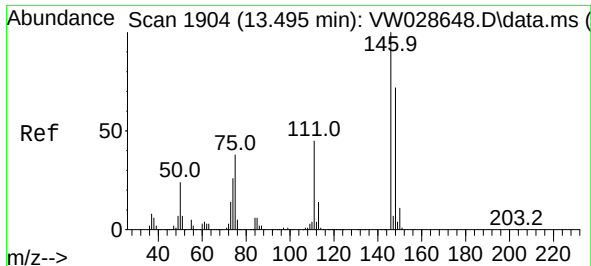
Tgt Ion:105 Resp: 314293
Ion Ratio Lower Upper
105 100
120 47.4 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 25.676 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028656.D
Acq: 21 May 2024 09:42

Tgt Ion:105 Resp: 342299
Ion Ratio Lower Upper
105 100
120 44.0 34.1 51.1





#64

1,3-Dichlorobenzene

Concen: 24.687 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

Instrument :

MSVOA_W

ClientSampleId :

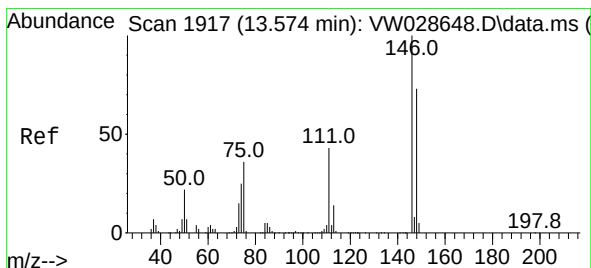
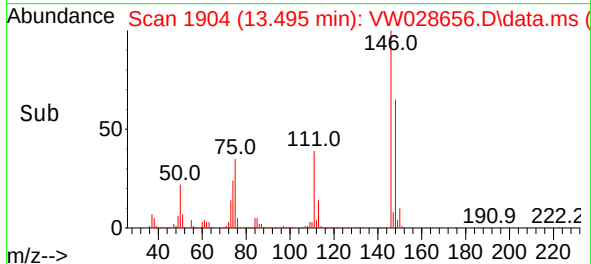
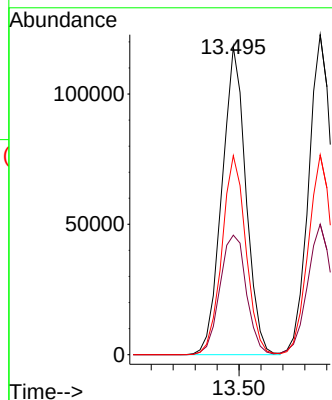
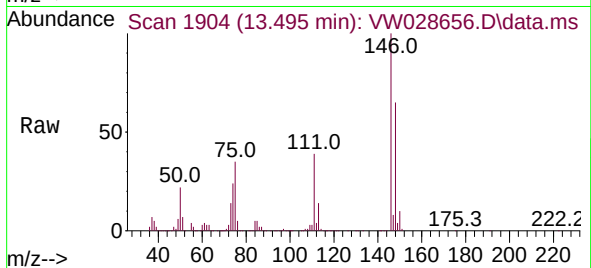
Tgt Ion:146 Resp: 179594

Ion Ratio Lower Upper

146 100

111 38.8 30.7 57.1

148 64.6 47.0 87.2



#65

1,4-Dichlorobenzene

Concen: 24.917 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

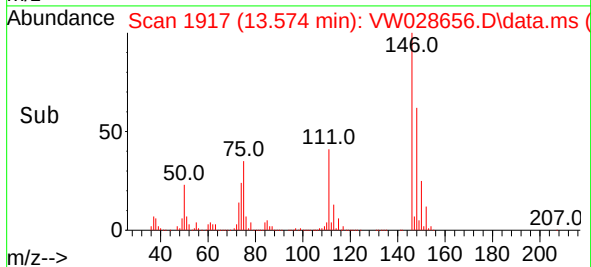
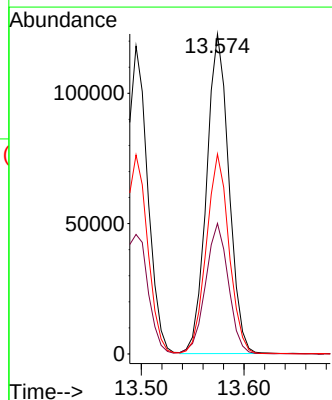
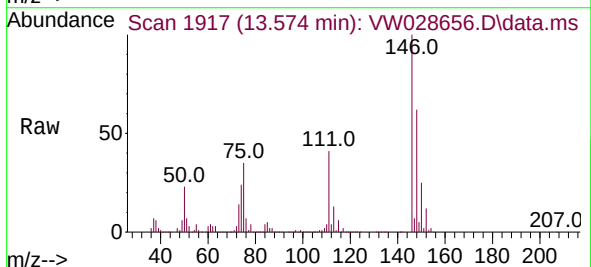
Tgt Ion:146 Resp: 185322

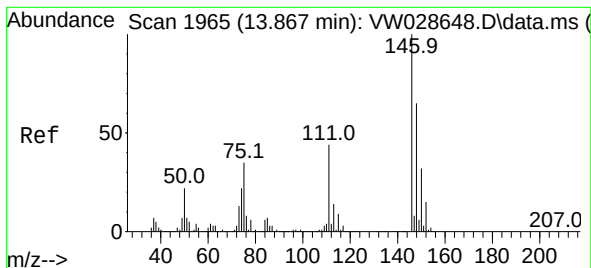
Ion Ratio Lower Upper

146 100

111 40.8 29.1 54.1

148 62.5 41.2 76.6





#67

1,2-Dichlorobenzene

Concen: 25.810 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

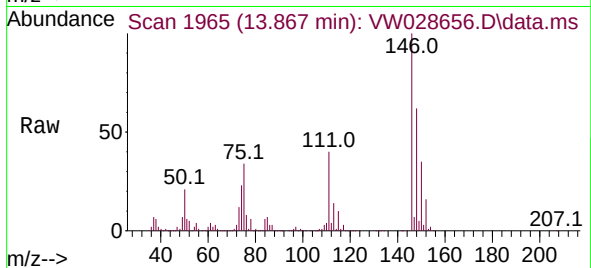
Lab File: VW028656.D

Acq: 21 May 2024 09:42

Instrument :

MSVOA_W

ClientSampleId :



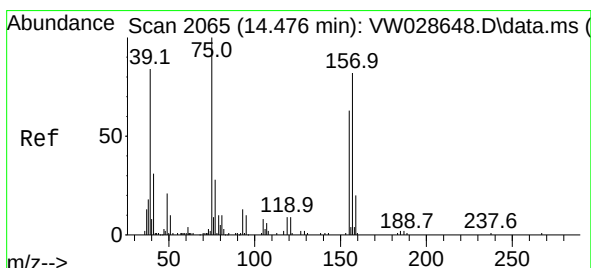
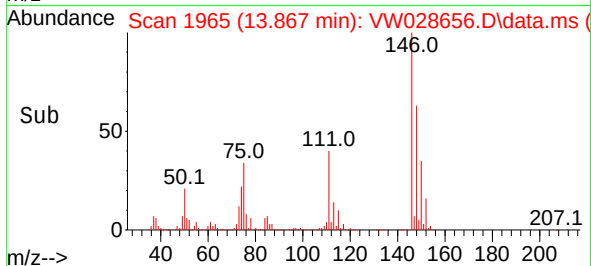
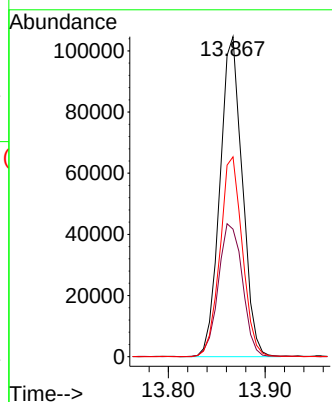
Tgt Ion:146 Resp: 168058

Ion Ratio Lower Upper

146 100

111 39.8 34.7 52.1

148 62.4 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 22.366 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

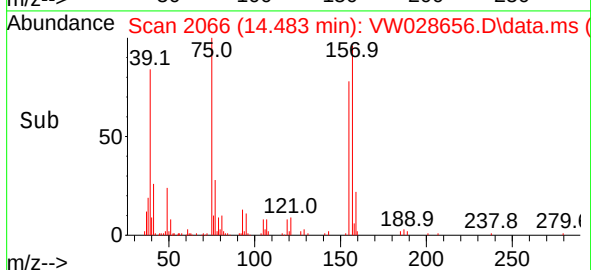
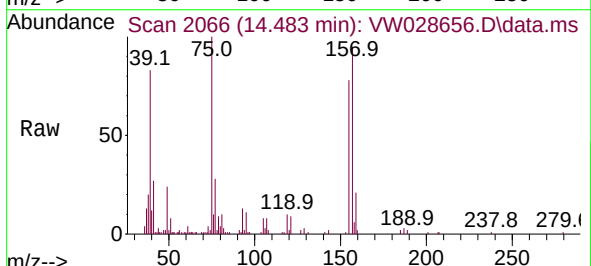
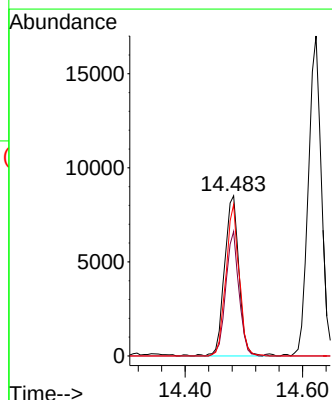
Tgt Ion: 75 Resp: 14567

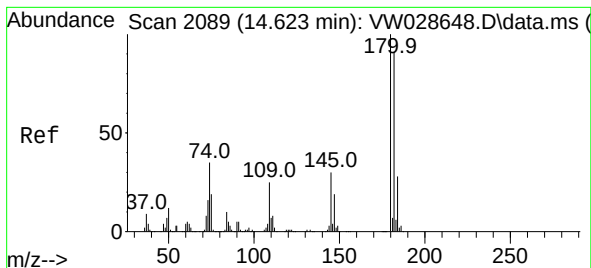
Ion Ratio Lower Upper

75 100

155 77.7 55.1 82.7

157 94.6 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 25.055 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 122312

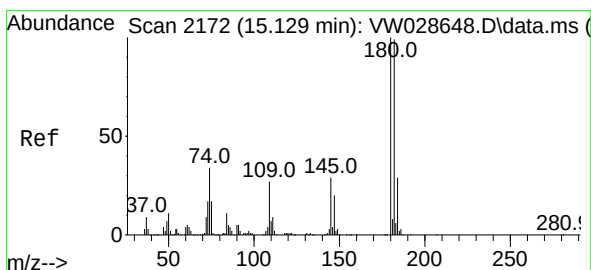
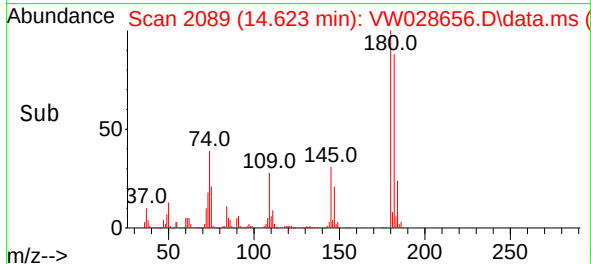
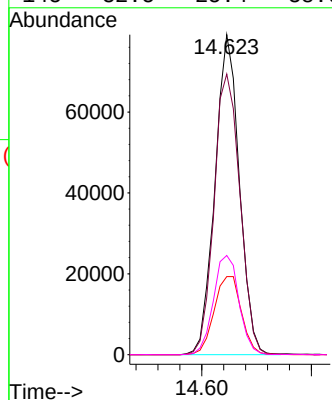
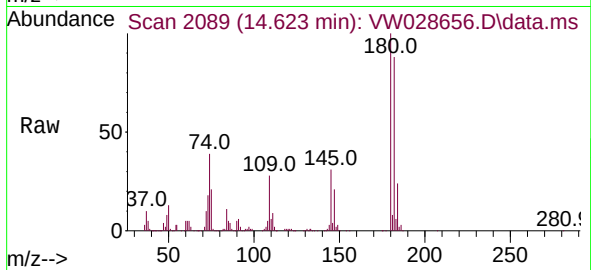
Ion Ratio Lower Upper

180 100

182 93.0 75.4 113.2

184 27.3 24.0 36.0

145 32.5 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 25.317 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

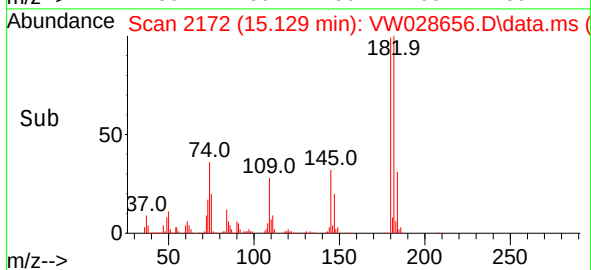
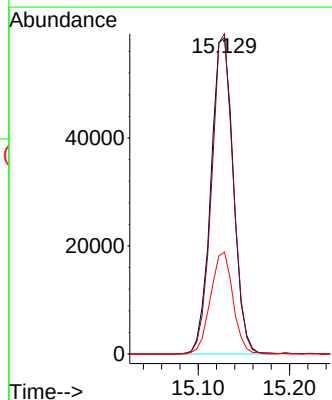
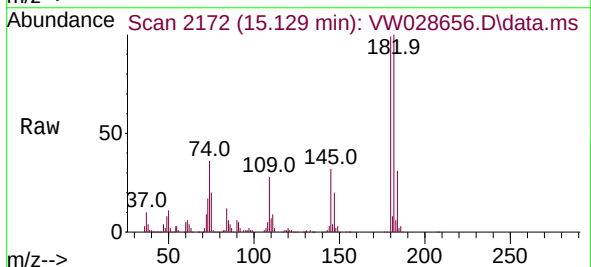
Tgt Ion:180 Resp: 99862

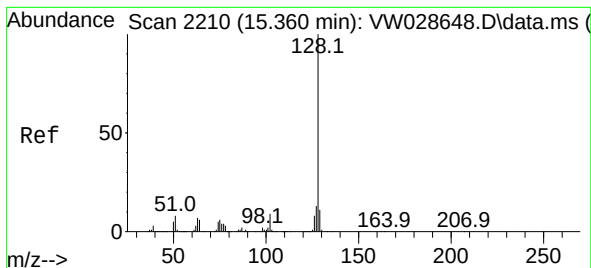
Ion Ratio Lower Upper

180 100

182 97.2 77.2 115.8

145 32.2 26.6 39.8





#71

Naphthalene

Concen: 23.550 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

Instrument :

MSVOA_W

ClientSampleId :

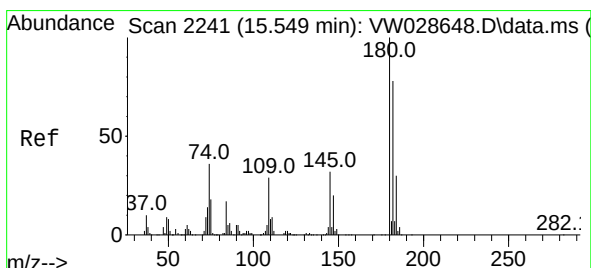
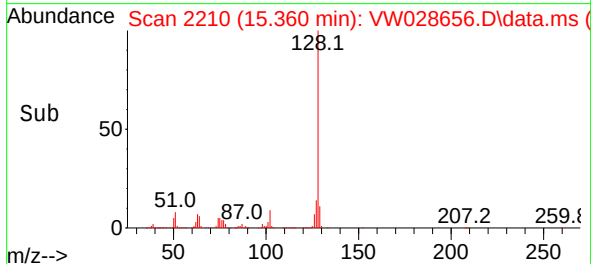
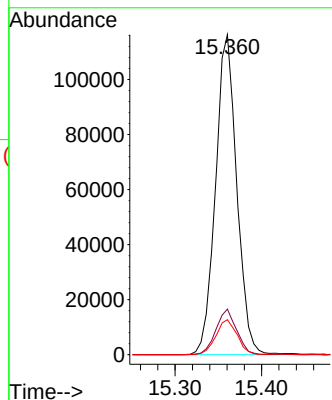
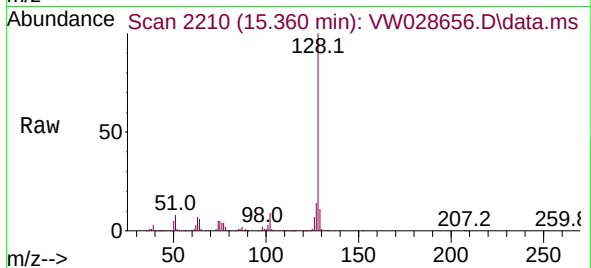
Tgt Ion:128 Resp: 197910

Ion Ratio Lower Upper

128 100

127 13.9 10.6 15.8

129 10.9 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 26.177 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW028656.D

Acq: 21 May 2024 09:42

Tgt Ion:180 Resp: 93170

Ion Ratio Lower Upper

180 100

182 87.9 76.1 114.1

145 32.2 28.3 42.5

