

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032824\
 Data File : VW028261.D
 Acq On : 28 Mar 2024 09:10
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 28 23:27:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 28 01:11:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	226896	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	199494	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	107166	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	50491	19.019	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.080%
7) Chloroethane-d5	2.905	69	41639	22.450	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	4.027	65	33852	20.108	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.440%
21) 2-Butanone-d5	7.081	46	38575	49.265	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.540%
24) Chloroform-d	7.648	84	163433	24.427	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.720%
26) 1,2-Dichloroethane-d4	8.306	65	86779	23.536	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.160%
32) Benzene-d6	8.276	84	312139	25.627	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.520%
36) 1,2-Dichloropropane-d6	9.276	67	92175	26.297	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.200%
41) Toluene-d8	10.324	98	283126	25.202	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	10.574	79	38734	24.331	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.320%
47) 2-Hexanone-d5	10.922	63	31841	54.958	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.920%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	70162	27.098	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	98110	25.131	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	61677	18.739	ug/L	91
3) Chloromethane	2.228	50	45896	19.660	ug/L	99
5) Vinyl chloride	2.375	62	56928	21.573	ug/L	93
6) Bromomethane	2.795	94	35235	22.420	ug/L	91
8) Chloroethane	2.942	64	32786	23.115	ug/L	99
9) Trichlorofluoromethane	3.271	101	73556	23.055	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	68382	21.575	ug/L	97
12) 1,1-Dichloroethene	4.051	96	65551	22.373	ug/L	88
13) Acetone	4.136	43	33383	38.398	ug/L	95
14) Carbon disulfide	4.392	76	194671	21.302	ug/L	99
15) Methyl Acetate	4.679	43	27162	20.283	ug/L	99
16) Methylene chloride	4.923	84	68612	19.868	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	69245	22.238	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	107172	22.813	ug/L	99
19) 1,1-Dichloroethane	6.221	63	137279	22.773	ug/L	98
20) cis-1,2-Dichloroethene	7.172	96	77181	22.951	ug/L	96
22) 2-Butanone	7.172	43	40609	41.141	ug/L	98
23) Bromochloromethane	7.514	128	32625	21.944	ug/L	94
25) Chloroform	7.678	83	140067	22.570	ug/L	100

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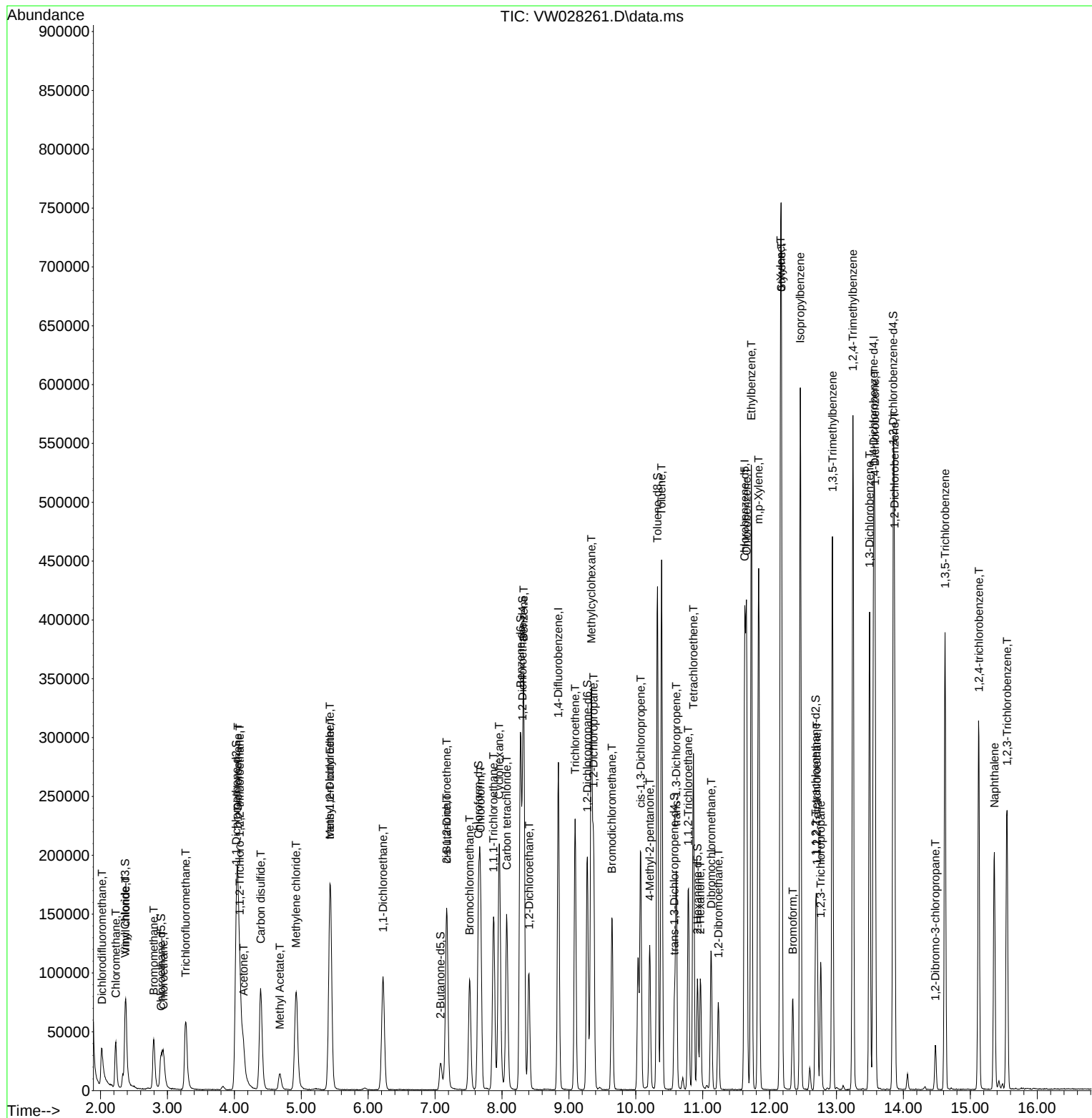
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	93629	21.364	ug/L #	95
29) Cyclohexane	7.959	56	122807	23.601	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	122305	23.388	ug/L	99
31) Carbon tetrachloride	8.069	117	113931	23.227	ug/L	97
33) Benzene	8.325	78	296671	24.167	ug/L	100
34) Trichloroethene	9.093	95	80436	23.486	ug/L	95
35) Methylcyclohexane	9.337	83	132851	22.948	ug/L	99
37) 1,2-Dichloropropane	9.367	63	76376	24.324	ug/L	99
38) Bromodichloromethane	9.642	83	98258	23.210	ug/L	98
39) cis-1,3-Dichloropropene	10.074	75	120242	23.912	ug/L	100
40) 4-Methyl-2-pentanone	10.208	43	79750	46.013	ug/L	97
42) Toluene	10.385	91	312313	23.311	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	98953	23.308	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	53383	23.531	ug/L	99
46) Tetrachloroethene	10.861	164	64086	23.213	ug/L	99
48) 2-Hexanone	10.964	43	60115	44.278	ug/L	97
49) Dibromochloromethane	11.129	129	62392	23.222	ug/L	98
50) 1,2-Dibromoethane	11.233	107	49398	22.772	ug/L #	93
51) Chlorobenzene	11.653	112	200987	23.635	ug/L	98
52) Ethylbenzene	11.727	91	368760	23.578	ug/L	100
53) m,p-Xylene	11.836	106	139429	23.690	ug/L	98
54) o-Xylene	12.165	106	130307	23.875	ug/L	97
55) Styrene	12.178	104	225953	24.102	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	61998	23.892	ug/L	94
59) Bromoform	12.348	173	35620	22.182	ug/L	99
60) Isopropylbenzene	12.458	105	370635	23.278	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	44961	21.983	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	247569	23.173	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	302783	23.471	ug/L	100
64) 1,3-Dichlorobenzene	13.494	146	164618	23.174	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	164430	23.149	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	142721	23.331	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	9999	20.812	ug/L	96
69) 1,3,5-Trichlorobenzene	14.622	180	117043	23.655	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	96909	23.054	ug/L	98
71) Naphthalene	15.360	128	171827	23.816	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	82546	23.821	ug/L	99

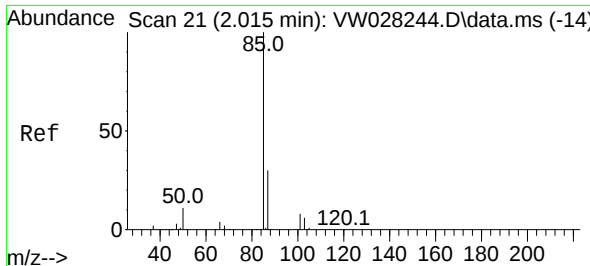
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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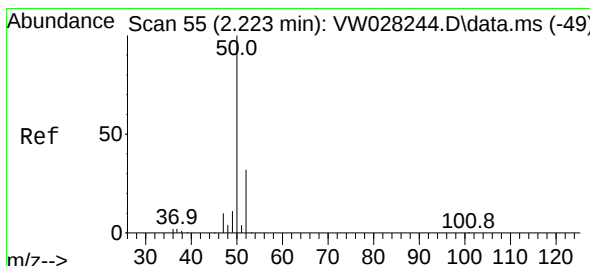
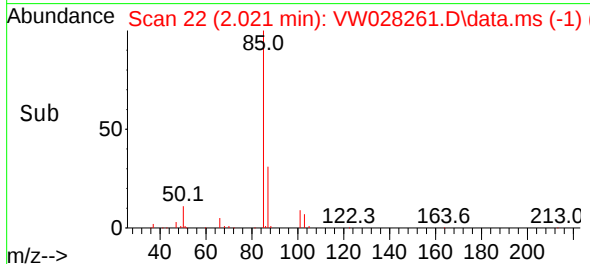
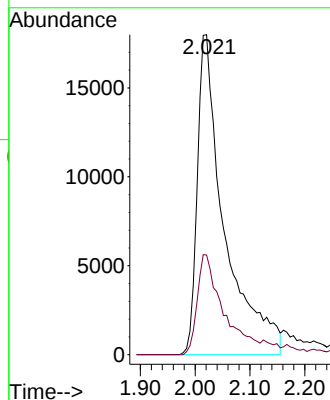
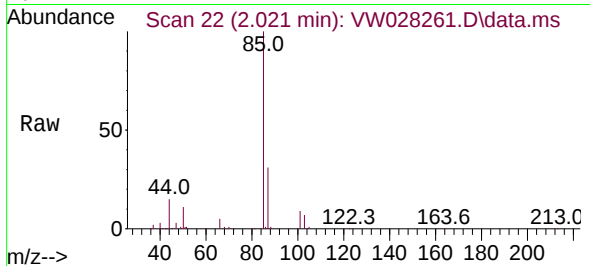




#2
Dichlorodifluoromethane
Concen: 18.739 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW028261.D
Acq: 28 Mar 2024 09:10

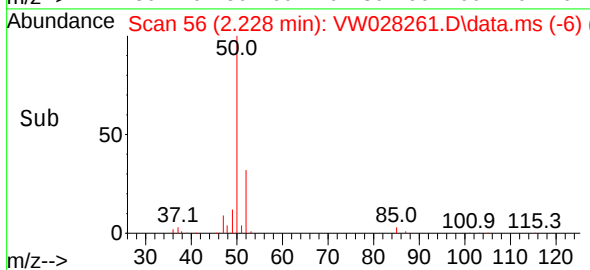
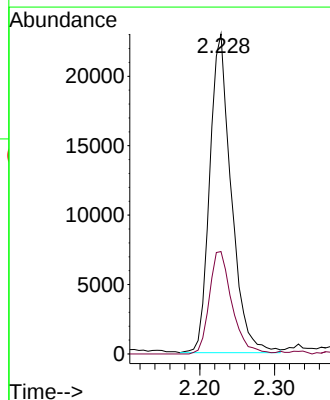
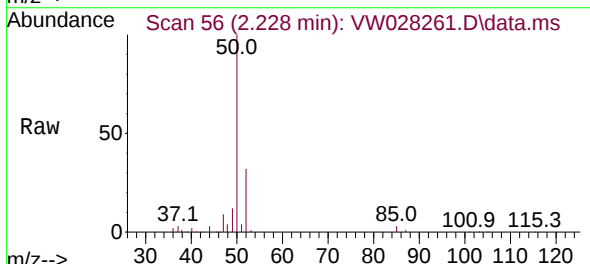
Instrument :
MSVOA_W
ClientSampleId :

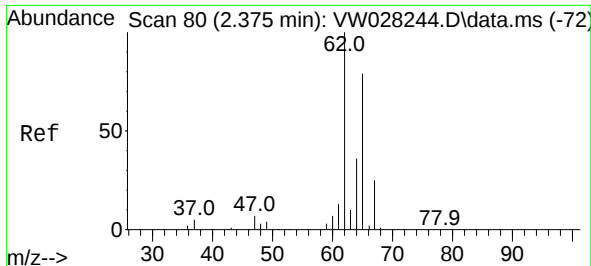
Tgt Ion: 85 Resp: 61677
Ion Ratio Lower Upper
85 100
87 30.6 20.9 31.3



#3
Chloromethane
Concen: 19.660 ug/L
RT: 2.228 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW028261.D
Acq: 28 Mar 2024 09:10

Tgt Ion: 50 Resp: 45896
Ion Ratio Lower Upper
50 100
52 32.0 22.7 42.1

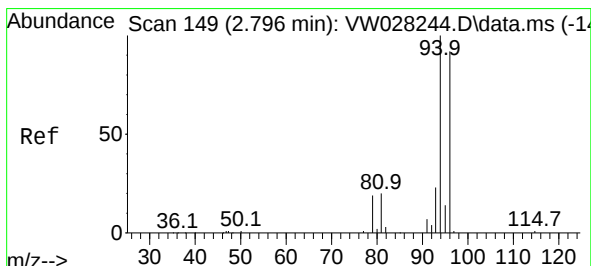
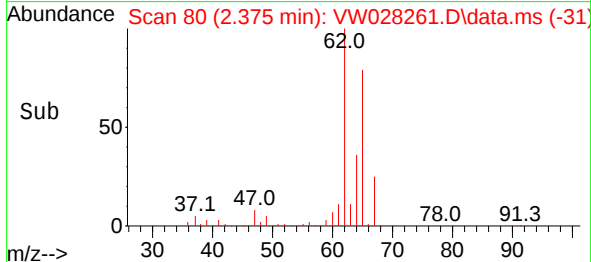
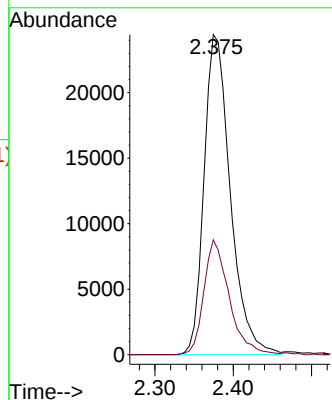
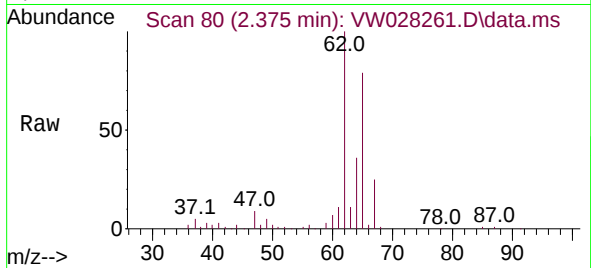




#5
 Vinyl chloride
 Concen: 21.573 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028261.D
 Acq: 28 Mar 2024 09:10

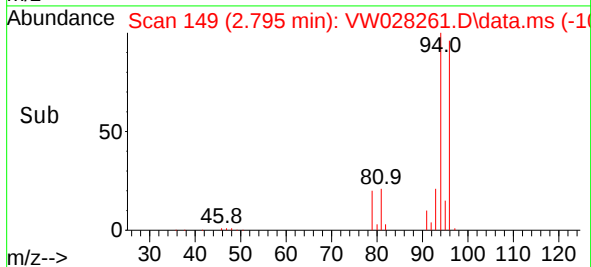
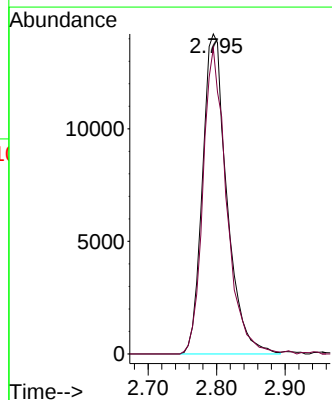
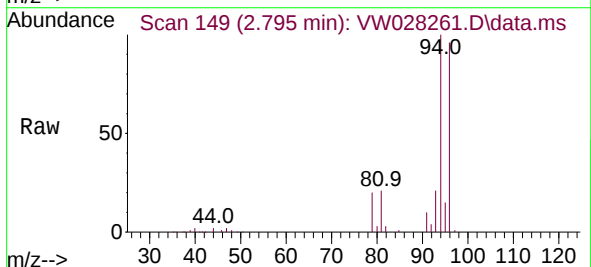
Instrument :
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 ClientSampleId :

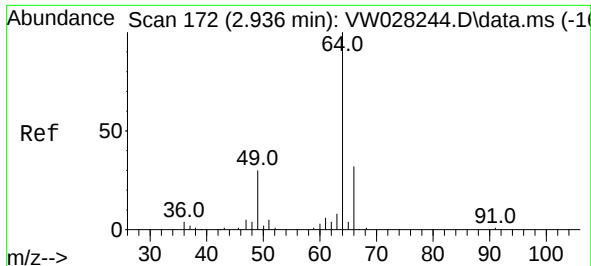
Tgt Ion: 62 Resp: 56928
 Ion Ratio Lower Upper
 62 100
 64 35.9 22.5 41.7



#6
 Bromomethane
 Concen: 22.420 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VW028261.D
 Acq: 28 Mar 2024 09:10

Tgt Ion: 94 Resp: 35235
 Ion Ratio Lower Upper
 94 100
 96 95.5 60.8 113.0

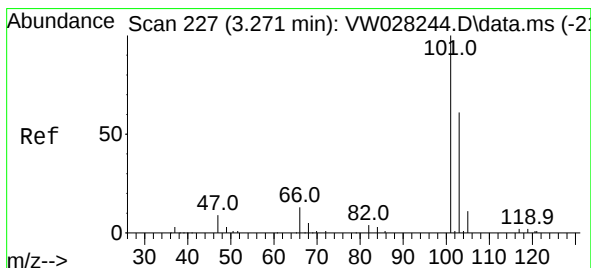
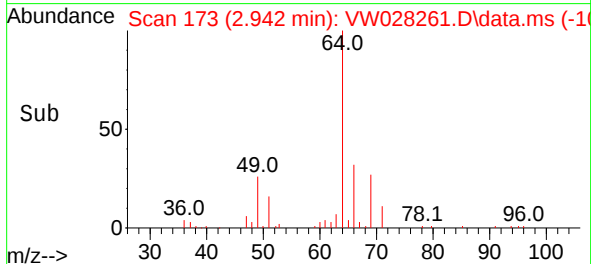
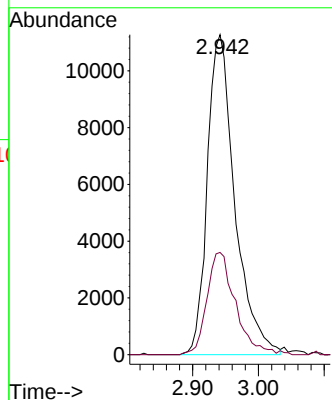
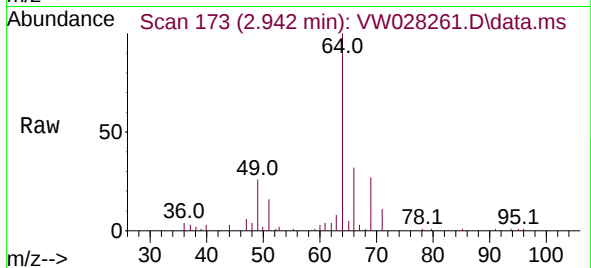




#8
Chloroethane
Concen: 23.115 ug/L
RT: 2.942 min Scan# 172
Delta R.T. 0.006 min
Lab File: VW028261.D
Acq: 28 Mar 2024 09:10

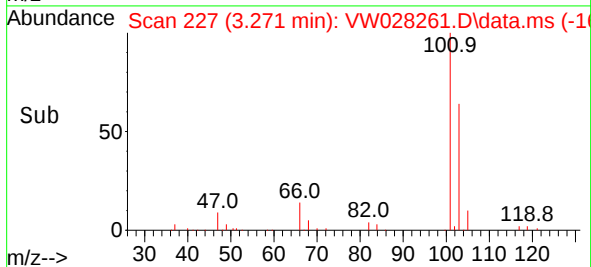
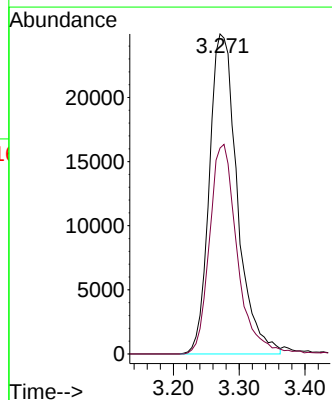
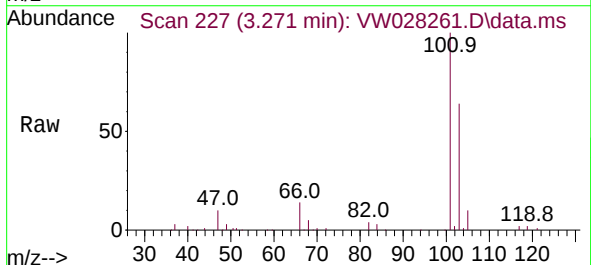
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MSVOA_W
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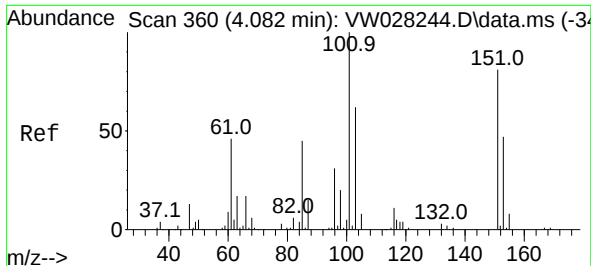
Tgt Ion: 64 Resp: 32786
Ion Ratio Lower Upper
64 100
66 31.9 22.9 42.5



#9
Trichlorofluoromethane
Concen: 23.055 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028261.D
Acq: 28 Mar 2024 09:10

Tgt Ion:101 Resp: 73556
Ion Ratio Lower Upper
101 100
103 64.8 50.9 76.3





#10

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

Concen: 21.575 ug/L

RT: 4.082 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW028261.D

Acq: 28 Mar 2024 09:10

Instrument :

MSVOA_W

ClientSampleId :

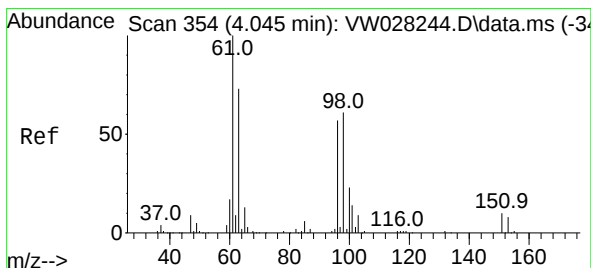
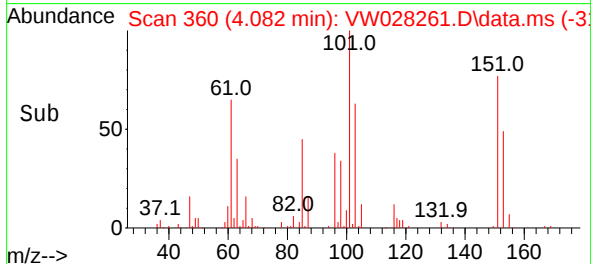
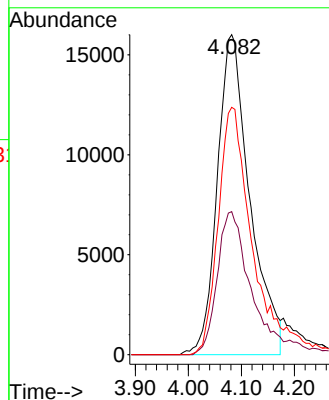
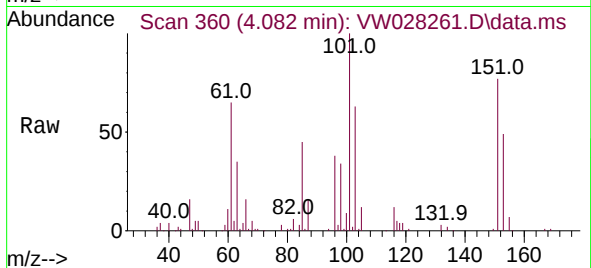
Tgt Ion:101 Resp: 68382

Ion Ratio Lower Upper

101 100

85 45.0 36.4 54.6

151 77.0 58.4 87.6



#12

1,1-Dichloroethene

Concen: 22.373 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW028261.D

Acq: 28 Mar 2024 09:10

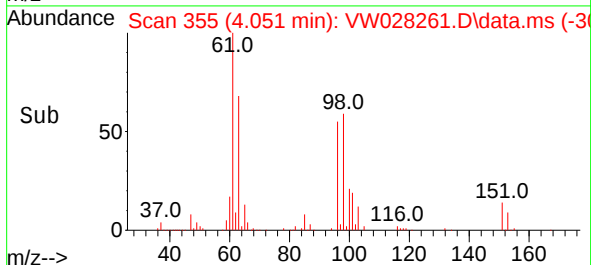
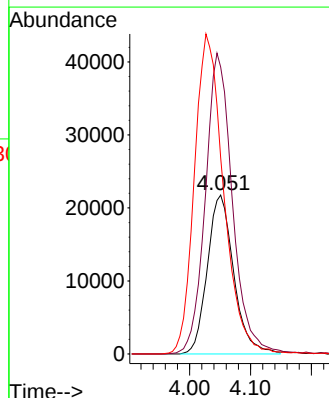
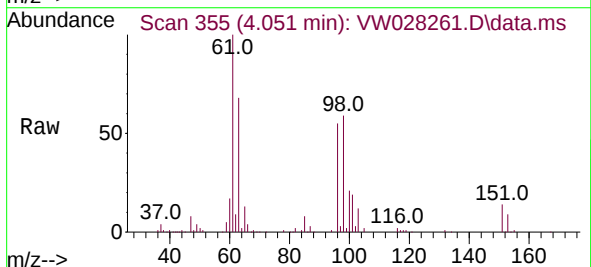
Tgt Ion: 96 Resp: 65551

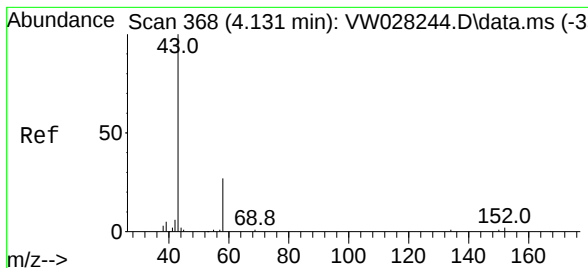
Ion Ratio Lower Upper

96 100

61 180.6 132.2 245.4

63 123.5 104.6 194.2





#13

Acetone

Concen: 38.398 ug/L

RT: 4.136 min Scan# 3

Delta R.T. 0.006 min

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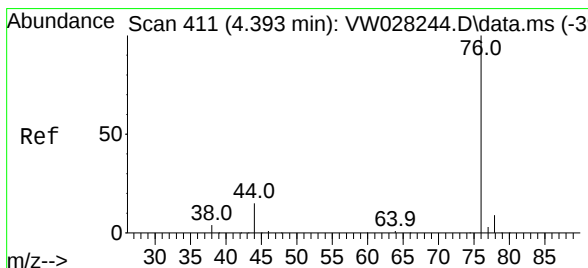
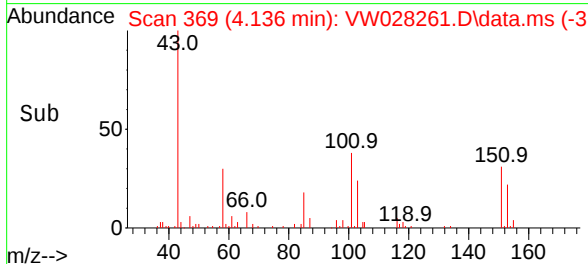
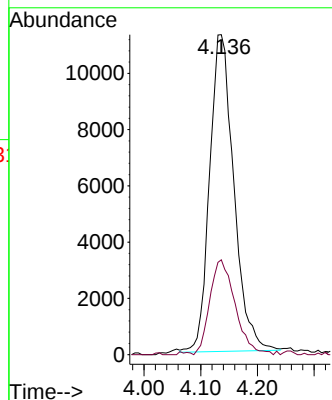
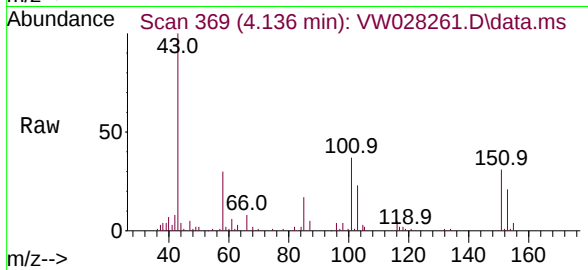
ClientSampleId :

Tgt Ion: 43 Resp: 33383

Ion Ratio Lower Upper

43 100

58 31.3 0.0 57.8



#14

Carbon disulfide

Concen: 21.302 ug/L

RT: 4.392 min Scan# 411

Delta R.T. -0.000 min

Lab File: VW028261.D

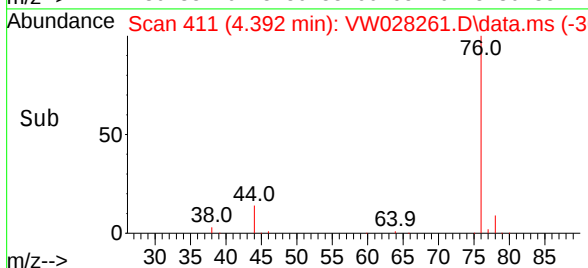
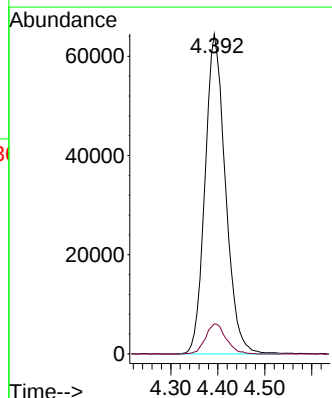
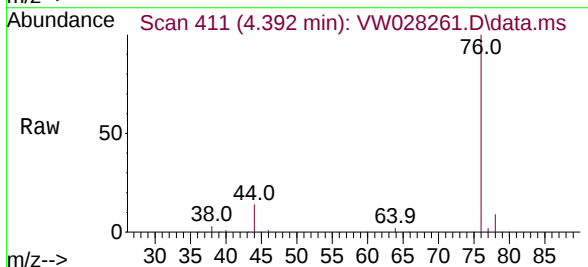
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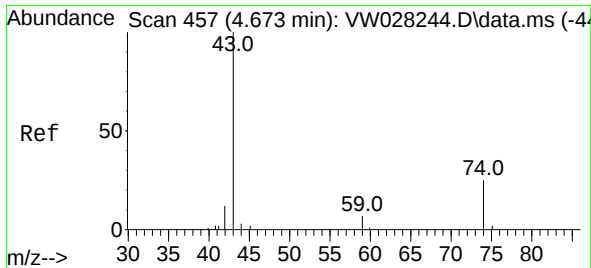
Tgt Ion: 76 Resp: 194671

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

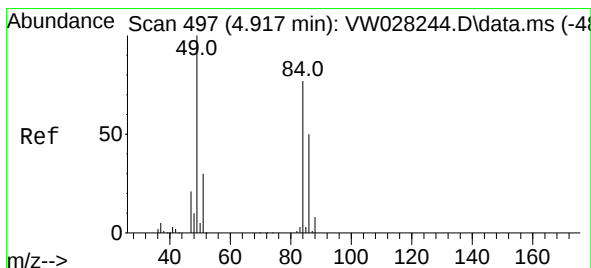
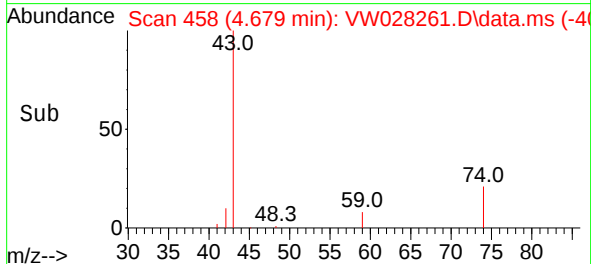
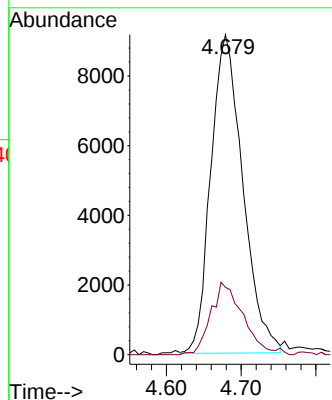
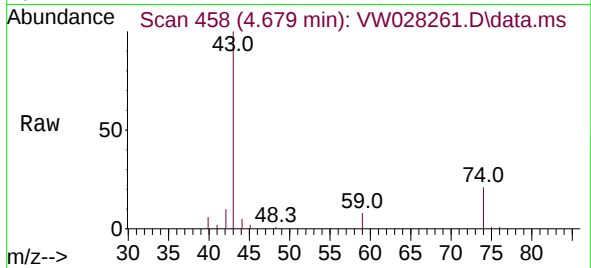




#15
Methyl Acetate
Concen: 20.283 ug/L
RT: 4.679 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW028261.D
Acq: 28 Mar 2024 09:10

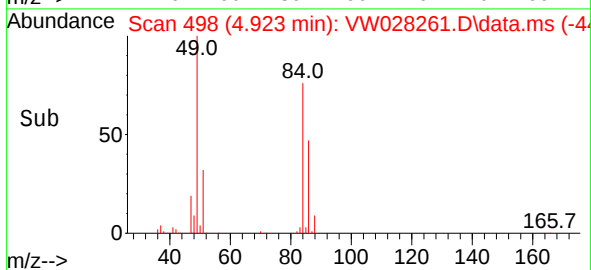
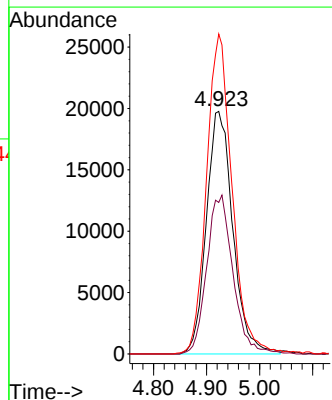
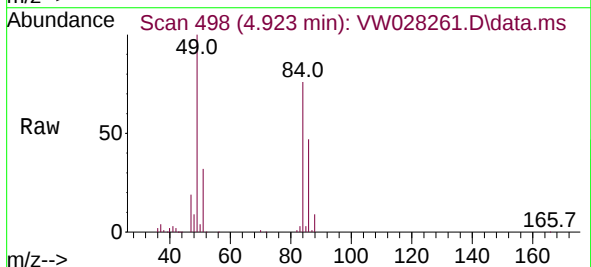
Instrument :
MSVOA_W
ClientSampleId :

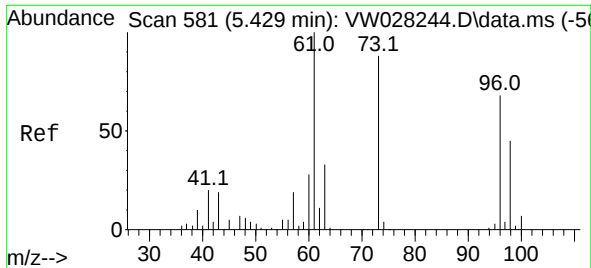
Tgt Ion: 43 Resp: 27162
Ion Ratio Lower Upper
43 100
74 22.4 18.2 27.2



#16
Methylene chloride
Concen: 19.868 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW028261.D
Acq: 28 Mar 2024 09:10

Tgt Ion: 84 Resp: 68612
Ion Ratio Lower Upper
84 100
86 62.4 43.1 80.1
49 131.9 89.4 166.0

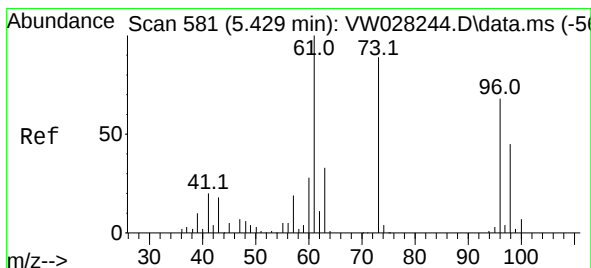
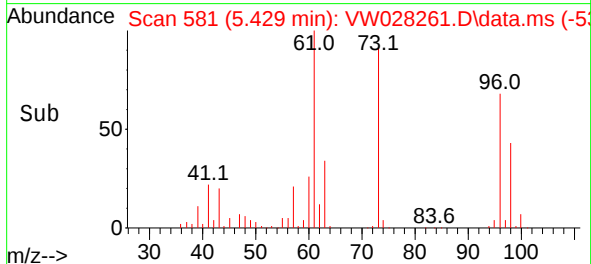
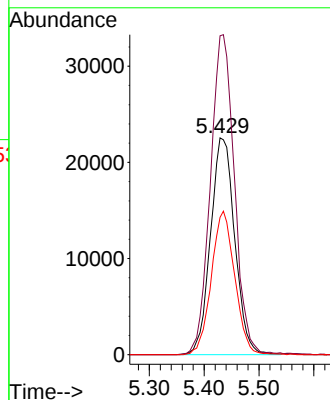
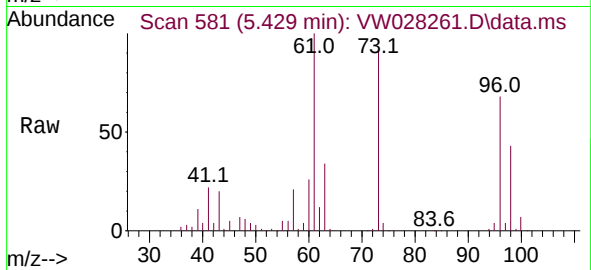




#17
trans-1,2-Dichloroethene
Concen: 22.238 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW028261.D
Acq: 28 Mar 2024 09:10

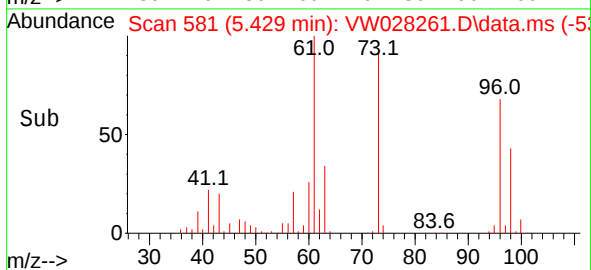
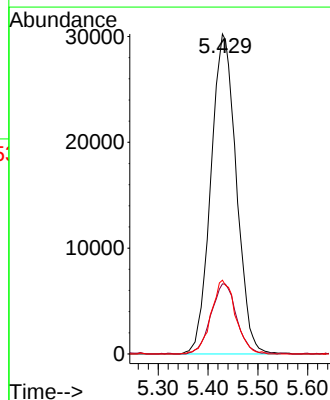
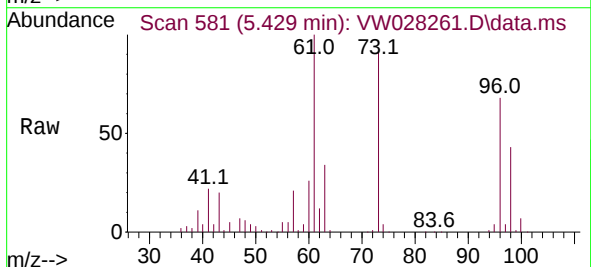
Instrument :
MSVOA_W
ClientSampleId :

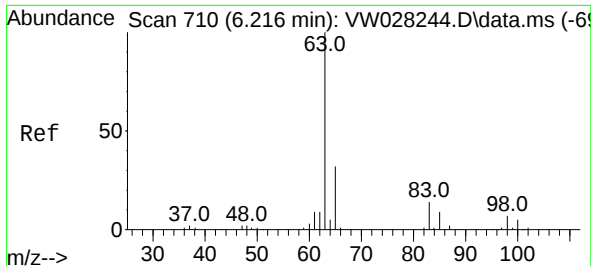
Tgt Ion: 96 Resp: 69245
Ion Ratio Lower Upper
96 100
61 147.1 98.4 182.8
98 63.3 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 22.813 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW028261.D
Acq: 28 Mar 2024 09:10

Tgt Ion: 73 Resp: 107172
Ion Ratio Lower Upper
73 100
43 21.9 18.2 27.4
57 22.1 17.4 26.2





#19

1,1-Dichloroethane

Concen: 22.773 ug/L

RT: 6.221 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW028261.D

Acq: 28 Mar 2024 09:10

Instrument :

MSVOA_W

ClientSampleId :

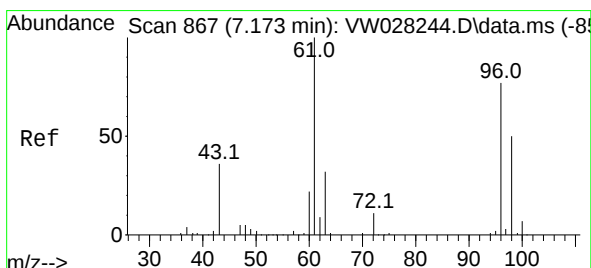
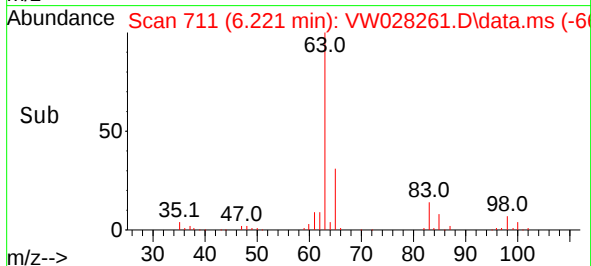
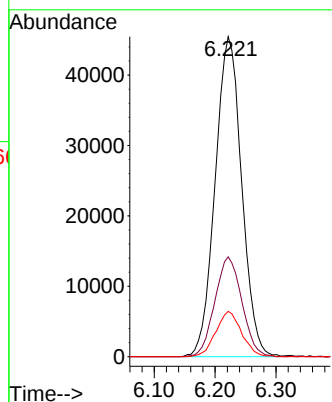
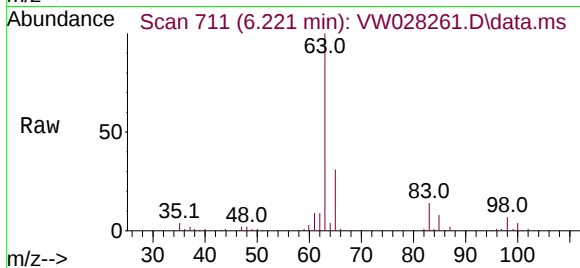
Tgt Ion: 63 Resp: 137279

Ion Ratio Lower Upper

63 100

65 31.2 22.1 41.1

83 14.1 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 22.951 ug/L

RT: 7.172 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW028261.D

Acq: 28 Mar 2024 09:10

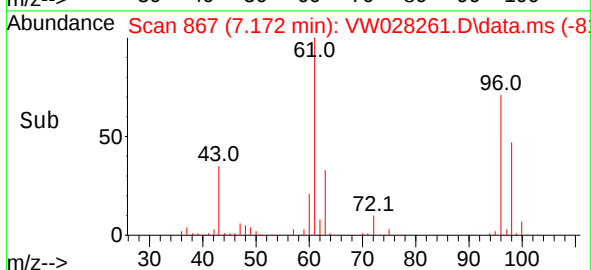
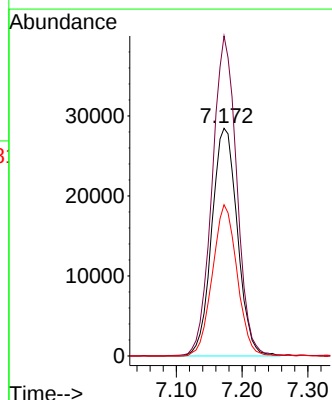
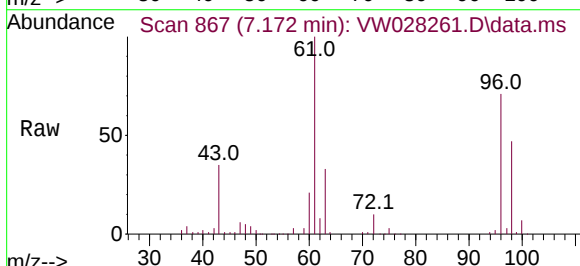
Tgt Ion: 96 Resp: 77181

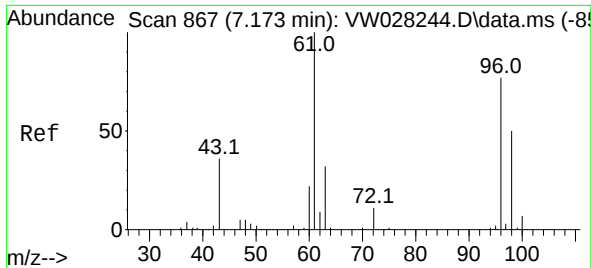
Ion Ratio Lower Upper

96 100

61 140.6 95.7 177.7

98 66.4 43.9 81.5

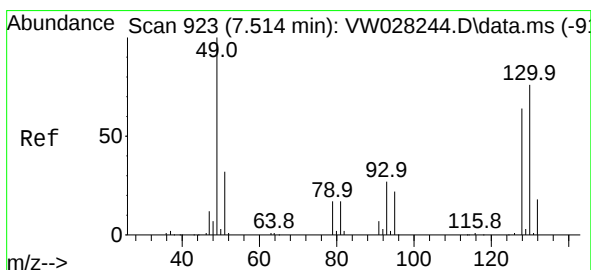
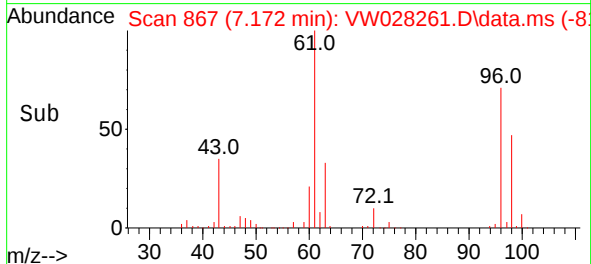
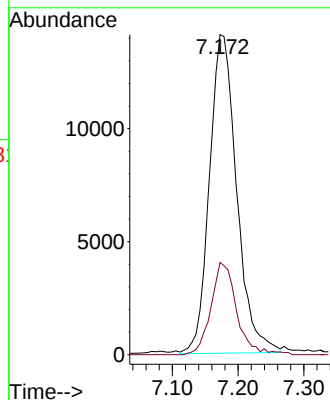
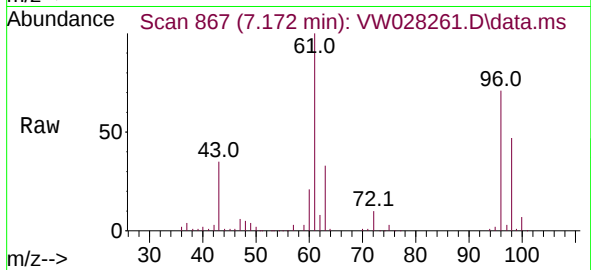




#22
2-Butanone
Concen: 41.141 ug/L
RT: 7.172 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW028261.D
Acq: 28 Mar 2024 09:10

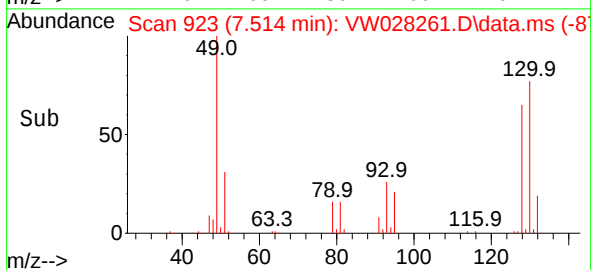
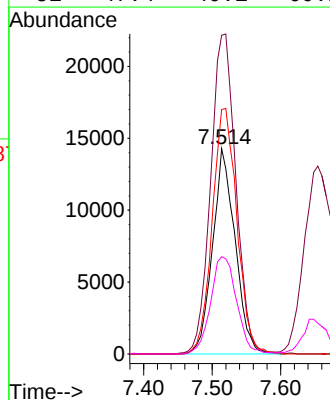
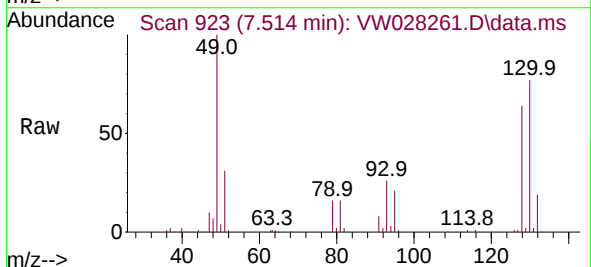
Instrument :
MSVOA_W
ClientSampleId :

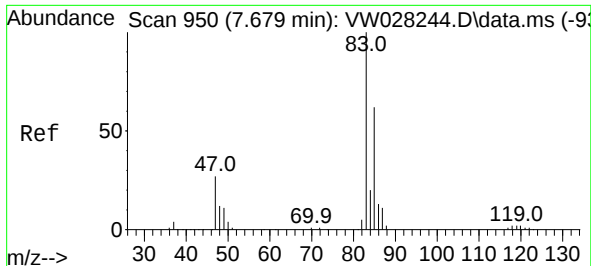
Tgt Ion: 43 Resp: 40609
Ion Ratio Lower Upper
43 100
72 26.5 12.8 38.4



#23
Bromochloromethane
Concen: 21.944 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW028261.D
Acq: 28 Mar 2024 09:10

Tgt Ion: 128 Resp: 32625
Ion Ratio Lower Upper
128 100
49 155.3 116.6 216.6
130 119.1 80.1 148.7
51 47.4 40.1 60.1





#25

Chloroform

Concen: 22.570 ug/L

RT: 7.678 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW028261.D

Acq: 28 Mar 2024 09:10

Instrument :

MSVOA_W

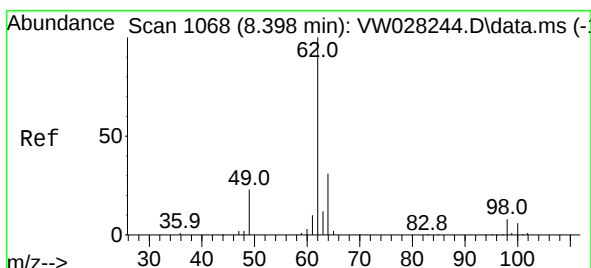
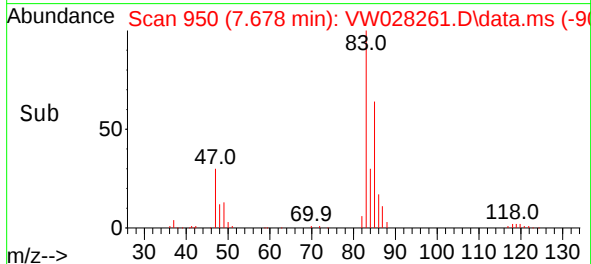
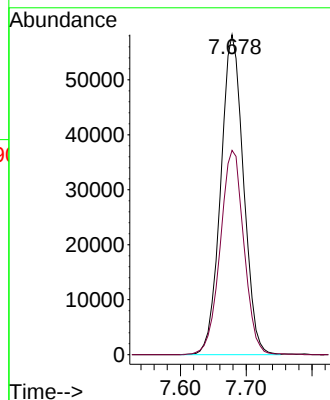
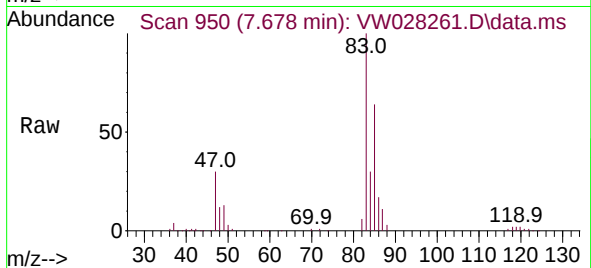
ClientSampleId :

Tgt Ion: 83 Resp: 140067

Ion Ratio Lower Upper

83 100

85 63.9 44.5 82.7



#27

1,2-Dichloroethane

Concen: 21.364 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW028261.D

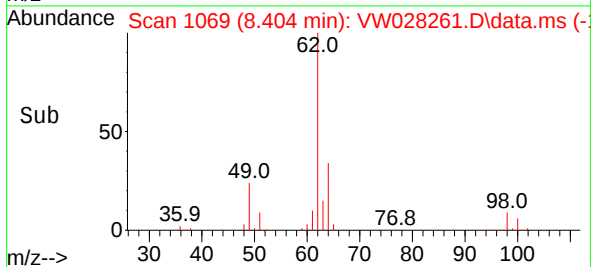
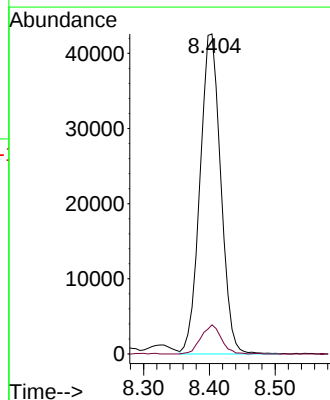
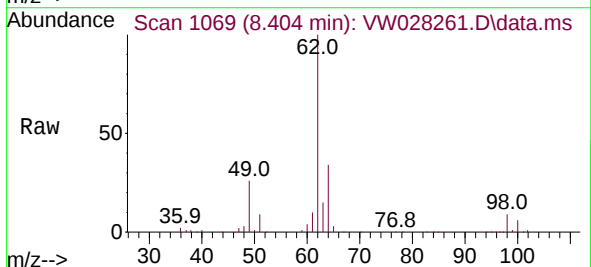
Acq: 28 Mar 2024 09:10

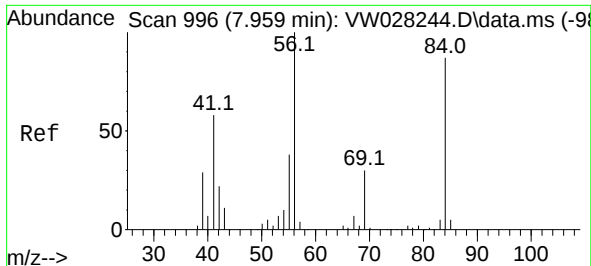
Tgt Ion: 62 Resp: 93629

Ion Ratio Lower Upper

62 100

98 9.1 5.9 8.9#





#29

Cyclohexane

Concen: 23.601 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW028261.D

Acq: 28 Mar 2024 09:10

Instrument :

MSVOA_W

ClientSampleId :

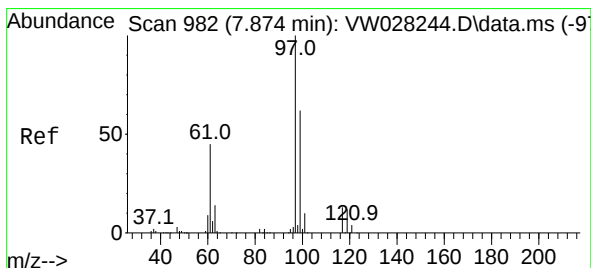
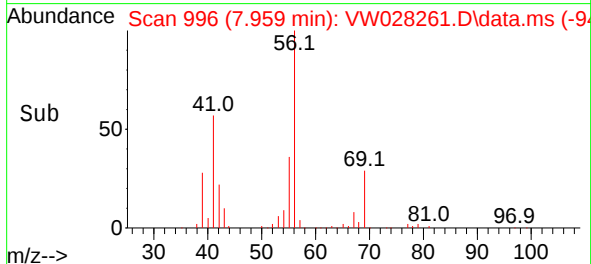
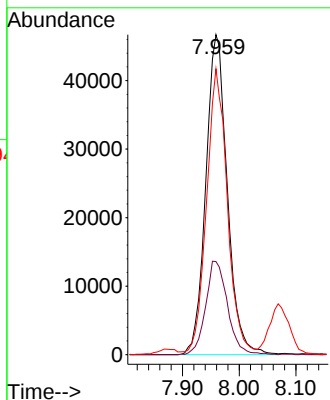
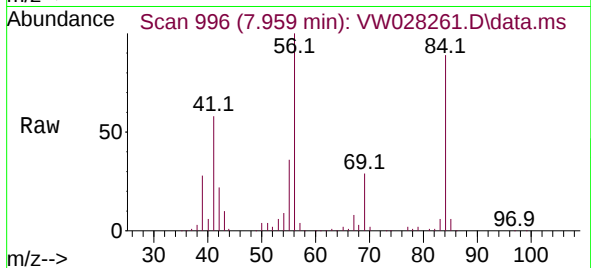
Tgt Ion: 56 Resp: 122807

Ion Ratio Lower Upper

56 100

69 29.8 24.0 36.0

84 86.8 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 23.388 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028261.D

Acq: 28 Mar 2024 09:10

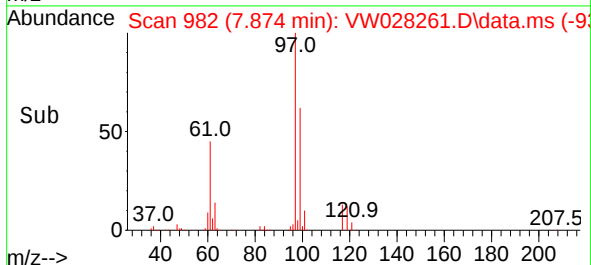
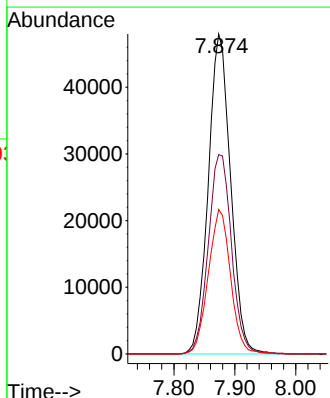
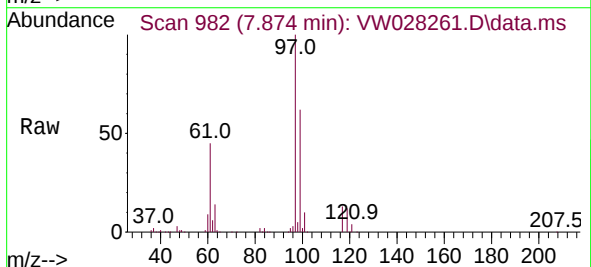
Tgt Ion: 97 Resp: 122305

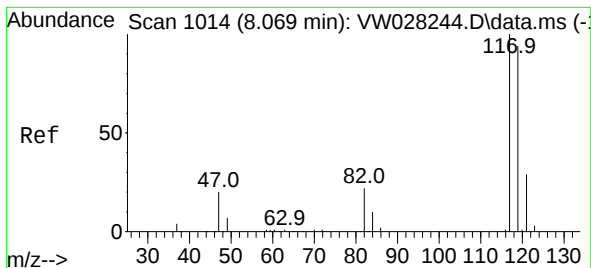
Ion Ratio Lower Upper

97 100

99 64.7 51.3 76.9

61 44.9 37.0 55.6





#31

Carbon tetrachloride

Concen: 23.227 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW028261.D

Acq: 28 Mar 2024 09:10

Instrument :

MSVOA_W

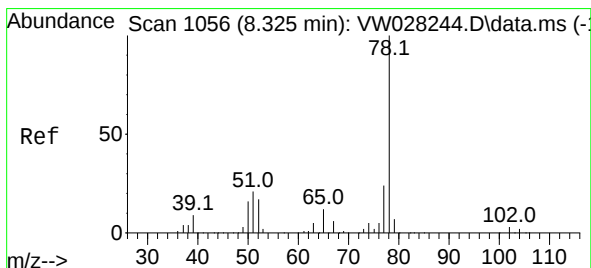
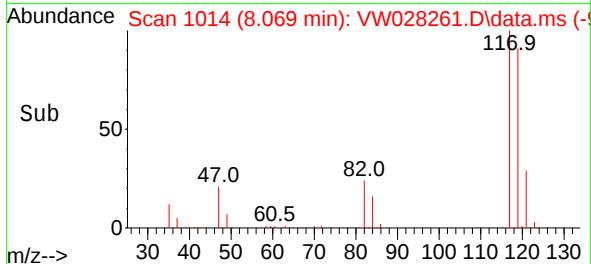
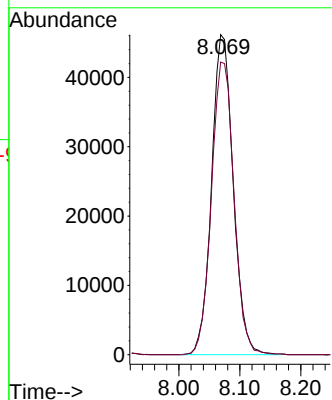
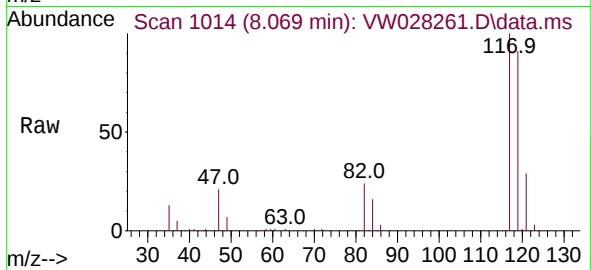
ClientSampleId :

Tgt Ion:117 Resp: 113931

Ion Ratio Lower Upper

117 100

119 95.2 78.2 117.4



#33

Benzene

Concen: 24.167 ug/L

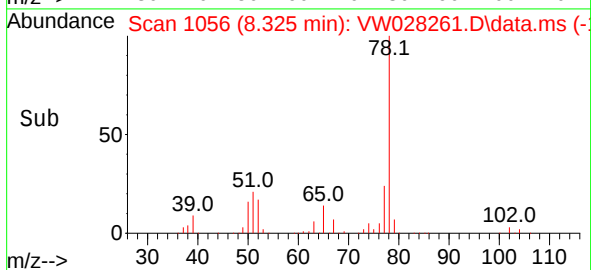
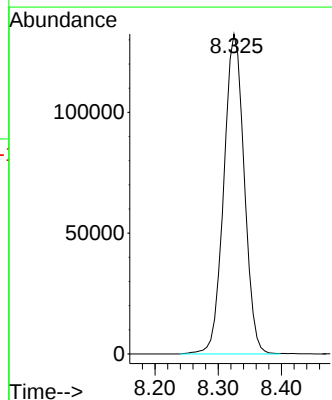
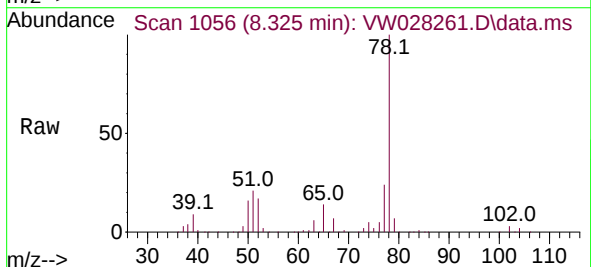
RT: 8.325 min Scan# 1056

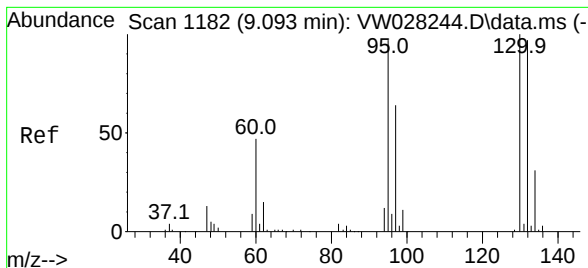
Delta R.T. -0.000 min

Lab File: VW028261.D

Acq: 28 Mar 2024 09:10

Tgt Ion: 78 Resp: 296671





#34

Trichloroethene

Concen: 23.486 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

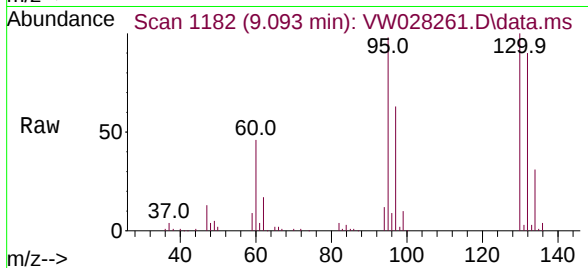
Lab File: VW028261.D

Acq: 28 Mar 2024 09:10

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 80436

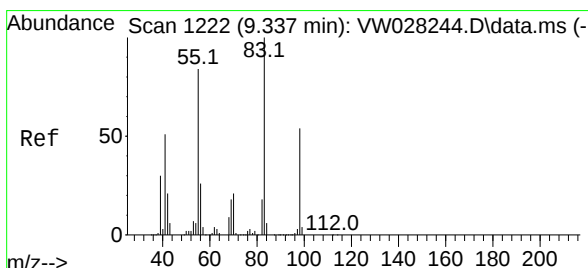
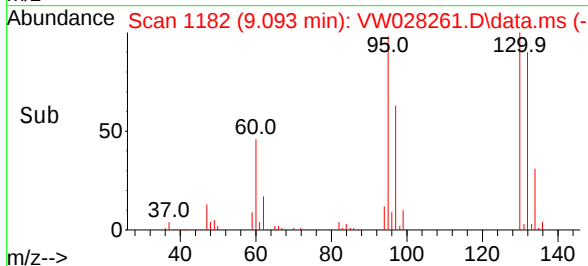
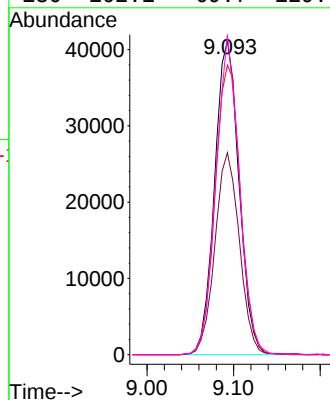
Ion Ratio Lower Upper

95 100

97 64.4 42.4 78.6

132 92.4 69.4 128.8

130 102.1 69.7 129.4



#35

Methylcyclohexane

Concen: 22.948 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028261.D

Acq: 28 Mar 2024 09:10

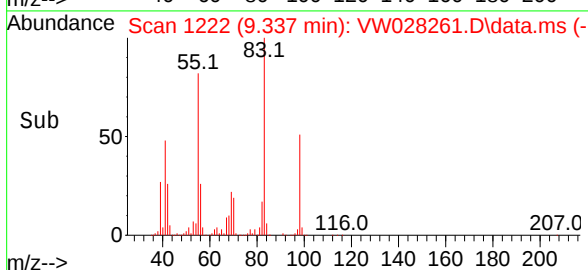
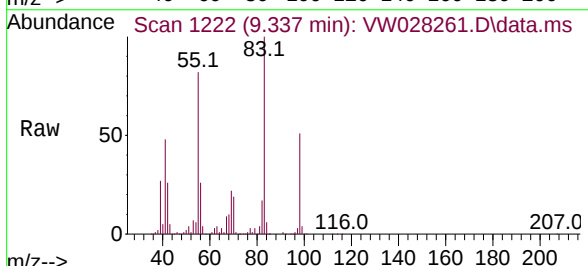
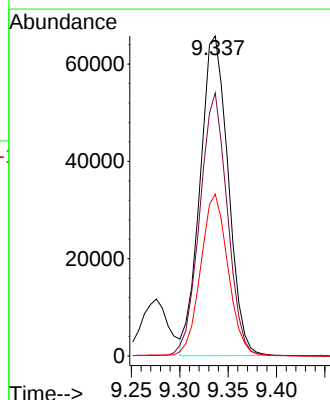
Tgt Ion: 83 Resp: 132851

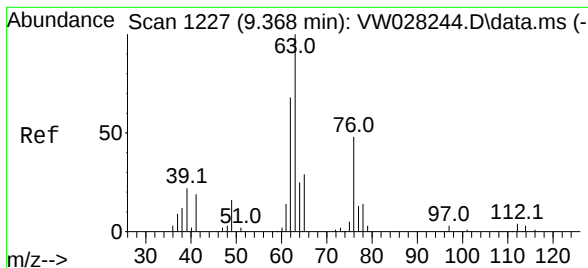
Ion Ratio Lower Upper

83 100

55 80.9 64.2 96.4

98 49.5 38.3 57.5





#37

1,2-Dichloropropane

Concen: 24.324 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028261.D

Acq: 28 Mar 2024 09:10

Instrument :

MSVOA_W

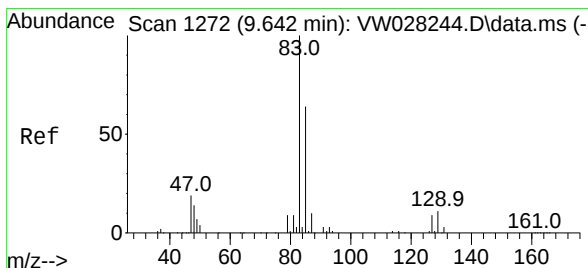
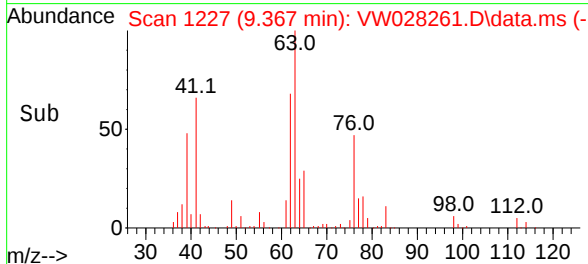
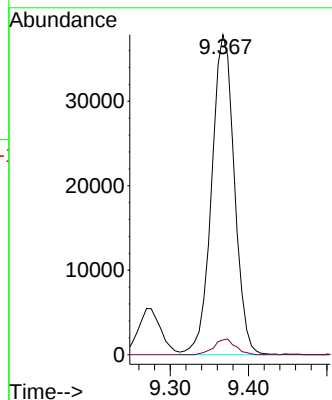
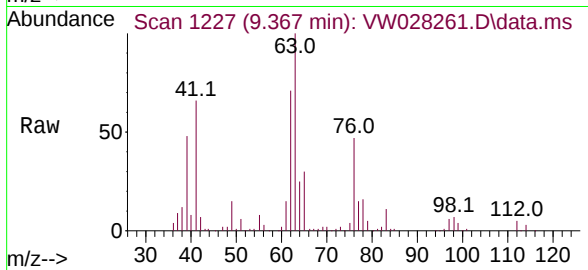
ClientSampleId :

Tgt Ion: 63 Resp: 76376

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.8



#38

Bromodichloromethane

Concen: 23.210 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028261.D

Acq: 28 Mar 2024 09:10

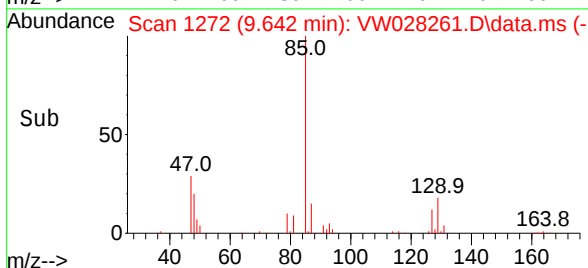
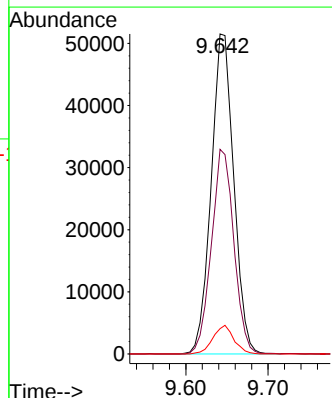
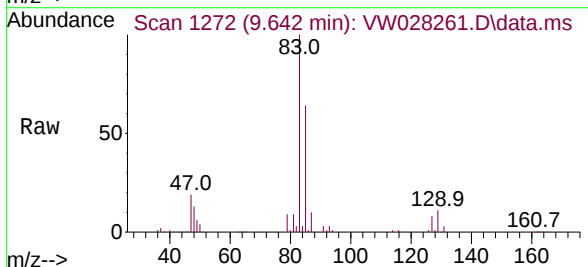
Tgt Ion: 83 Resp: 98258

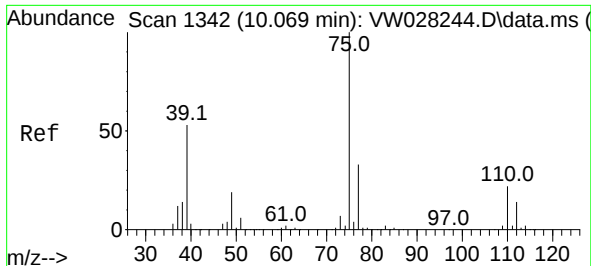
Ion Ratio Lower Upper

83 100

85 63.9 45.8 85.2

127 7.9 6.5 9.7

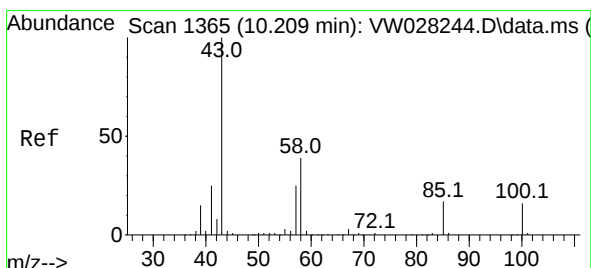
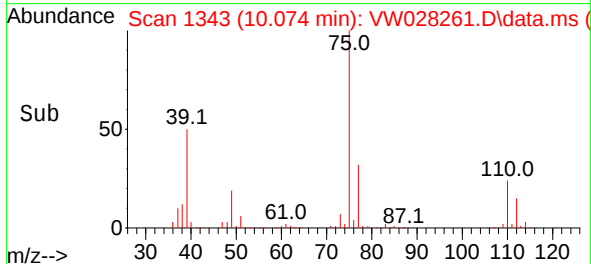
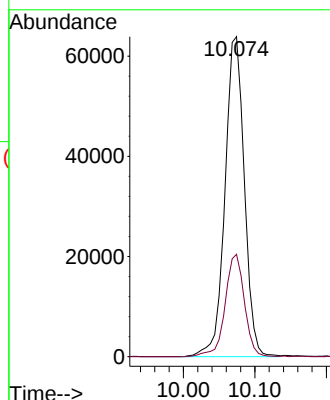
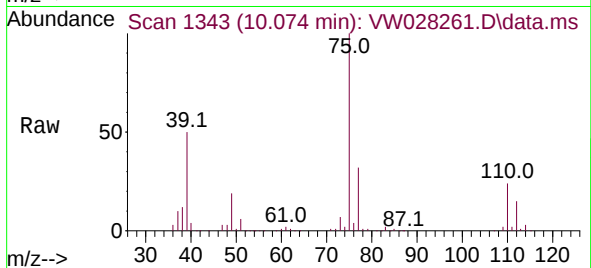




#39
cis-1,3-Dichloropropene
Concen: 23.912 ug/L
RT: 10.074 min Scan# 1342
Delta R.T. 0.006 min
Lab File: VW028261.D
Acq: 28 Mar 2024 09:10

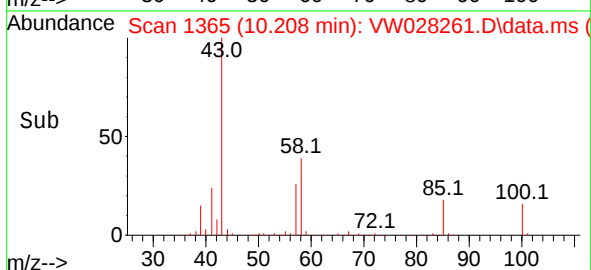
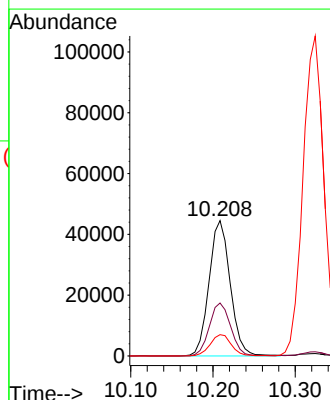
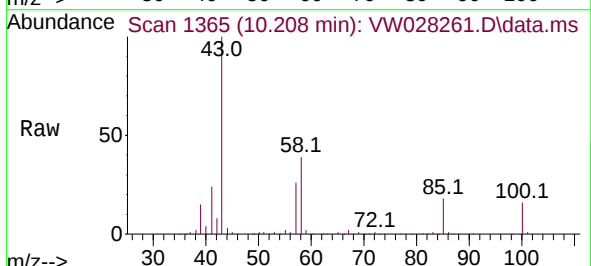
Instrument :
MSVOA_W
ClientSampleId :

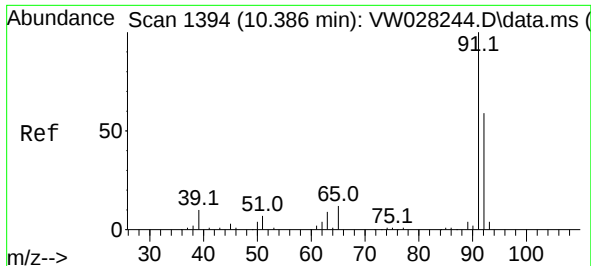
Tgt Ion: 75 Resp: 120242
Ion Ratio Lower Upper
75 100
77 32.0 22.5 41.7



#40
4-Methyl-2-pentanone
Concen: 46.013 ug/L
RT: 10.208 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW028261.D
Acq: 28 Mar 2024 09:10

Tgt Ion: 43 Resp: 79750
Ion Ratio Lower Upper
43 100
58 39.3 30.1 45.1
100 15.8 11.8 17.8





#42

Toluene

Concen: 23.311 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028261.D

Acq: 28 Mar 2024 09:10

Instrument :

MSVOA_W

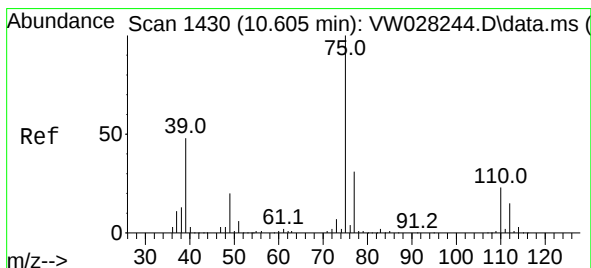
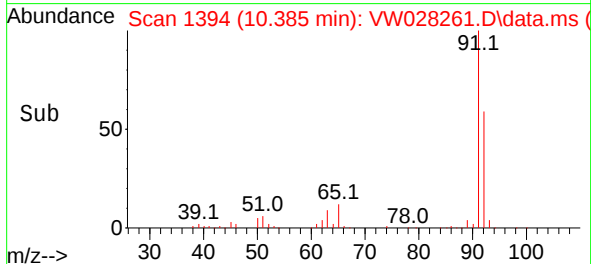
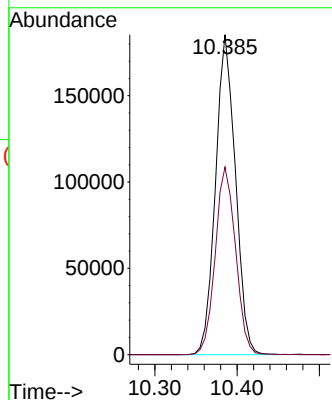
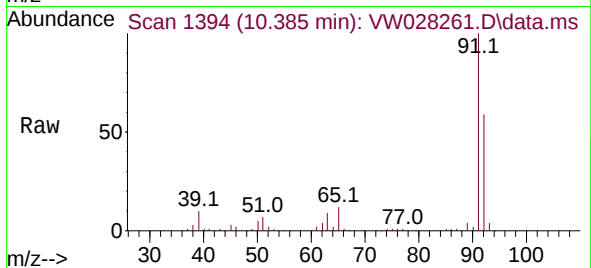
ClientSampleId :

Tgt Ion: 91 Resp: 312313

Ion Ratio Lower Upper

91 100

92 58.6 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 23.308 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028261.D

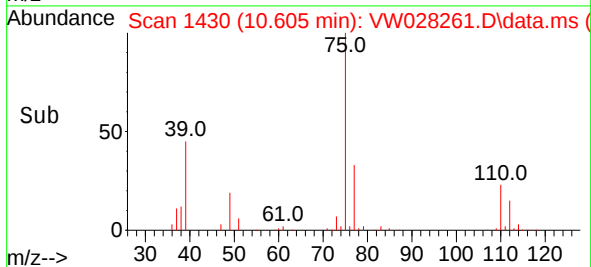
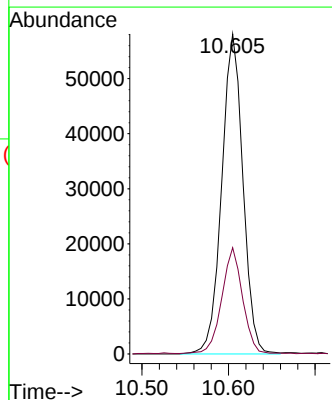
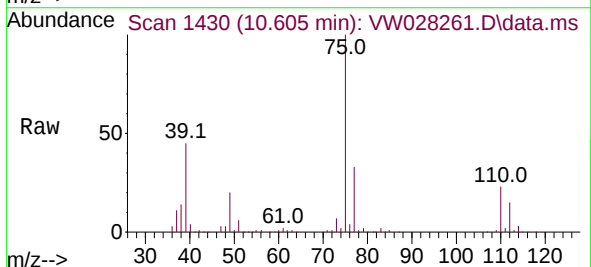
Acq: 28 Mar 2024 09:10

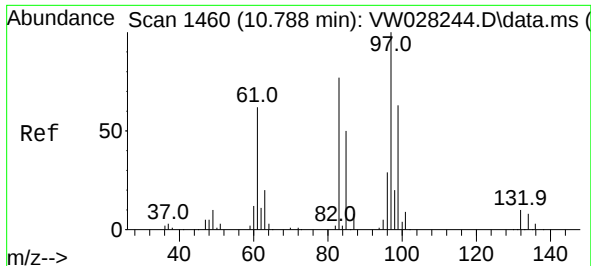
Tgt Ion: 75 Resp: 98953

Ion Ratio Lower Upper

75 100

77 33.2 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 23.531 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.007 min

Lab File: VW028261.D

Acq: 28 Mar 2024 09:10

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 53383

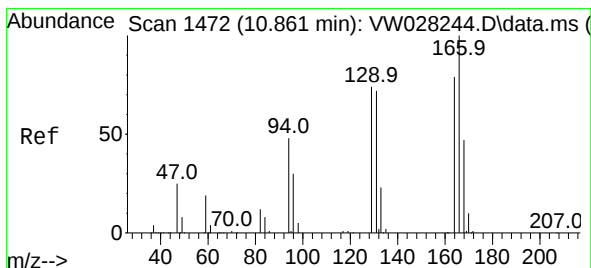
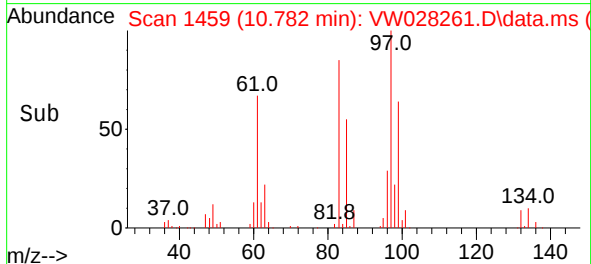
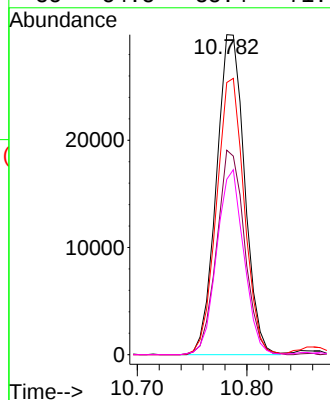
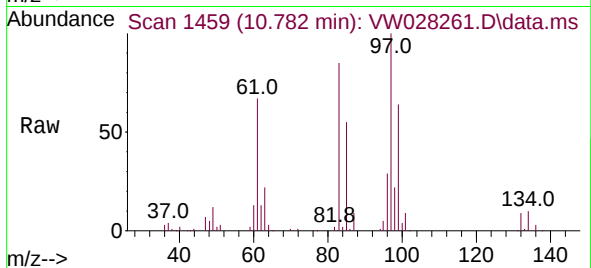
Ion Ratio Lower Upper

97 100

99 63.9 43.4 80.6

83 85.0 59.4 110.4

85 54.8 38.4 71.4



#46

Tetrachloroethene

Concen: 23.213 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028261.D

Acq: 28 Mar 2024 09:10

Tgt Ion:164 Resp: 64086

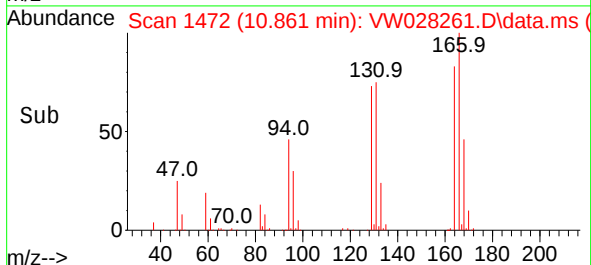
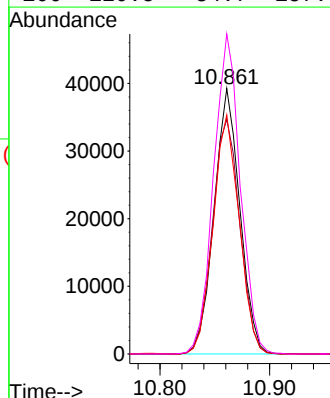
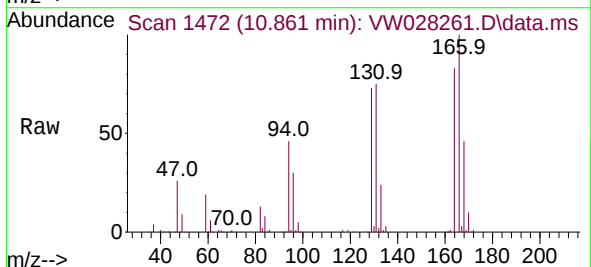
Ion Ratio Lower Upper

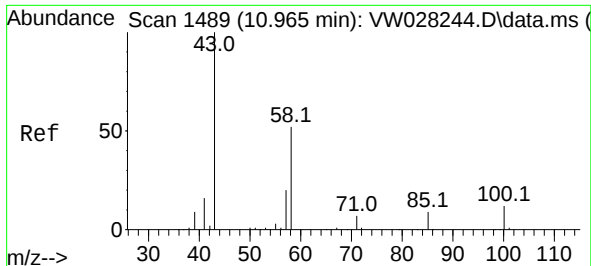
164 100

129 88.4 64.0 119.0

131 90.0 62.6 116.3

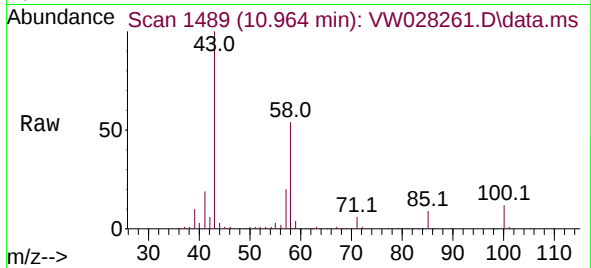
166 120.5 84.7 157.3



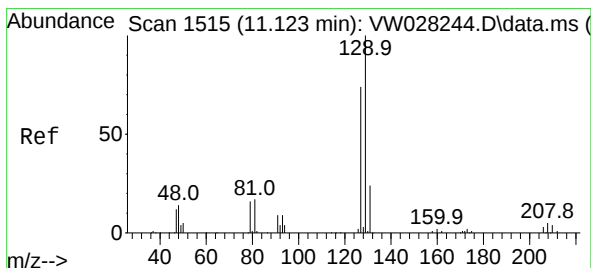
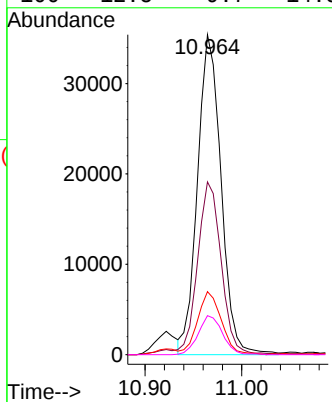
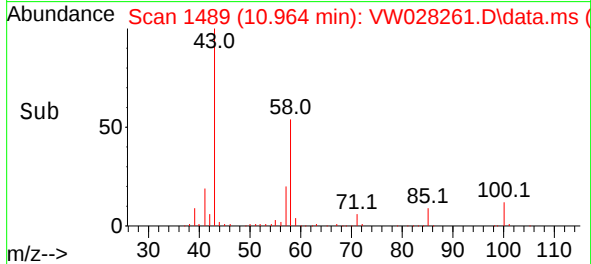


#48
2-Hexanone
Concen: 44.278 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028261.D
Acq: 28 Mar 2024 09:10

Instrument :
MSVOA_W
ClientSampleId :

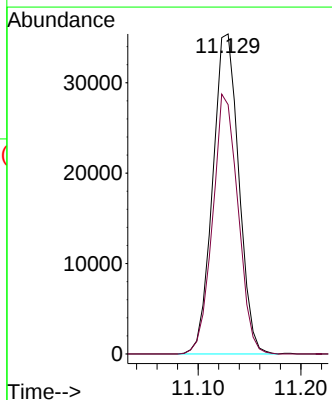
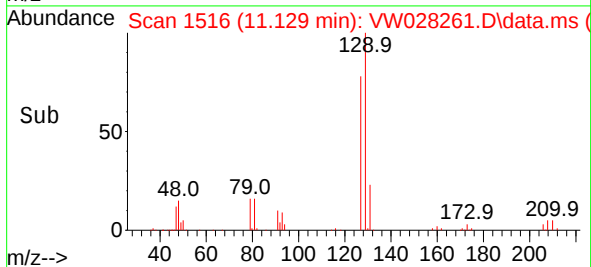
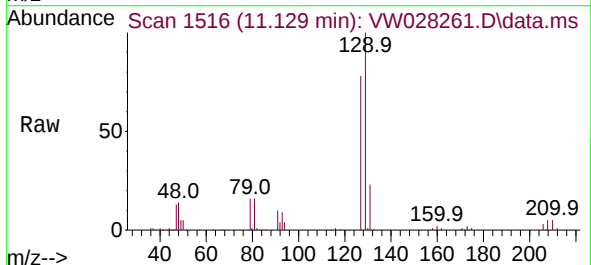


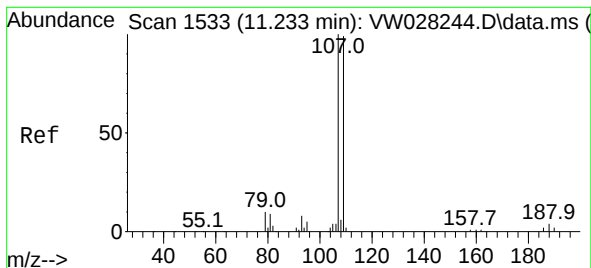
Tgt Ion: 43	Resp: 60115
Ion Ratio	Lower Upper
43	100
58	54.1 40.6 61.0
57	20.0 15.7 23.5
100	12.5 9.7 14.5



#49
Dibromochloromethane
Concen: 23.222 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW028261.D
Acq: 28 Mar 2024 09:10

Tgt Ion: 129	Resp: 62392
Ion Ratio	Lower Upper
129	100
127	77.9 53.1 98.7





#50

1,2-Dibromoethane

Concen: 22.772 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

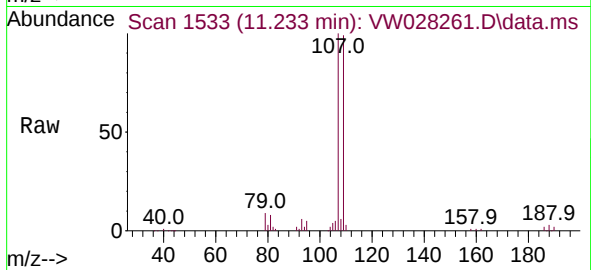
Lab File: VW028261.D

Acq: 28 Mar 2024 09:10

Instrument :

MSVOA_W

ClientSampleId :



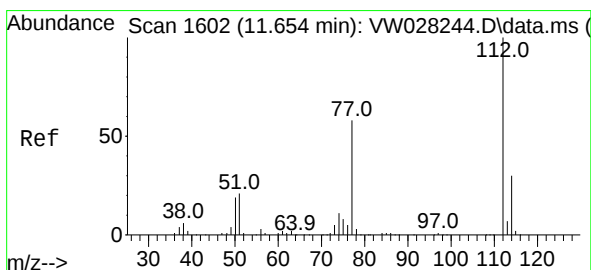
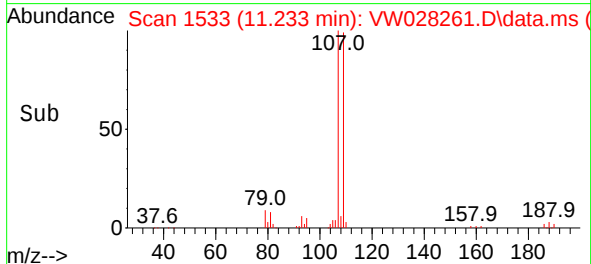
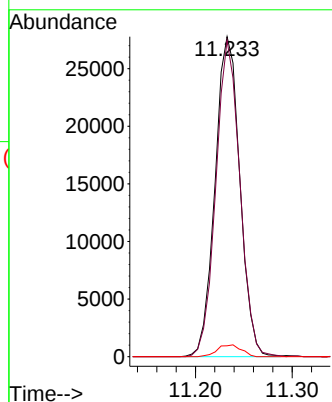
Tgt Ion:107 Resp: 49398

Ion Ratio Lower Upper

107 100

109 98.8 64.4 119.6

188 3.4 3.4 5.2#



#51

Chlorobenzene

Concen: 23.635 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW028261.D

Acq: 28 Mar 2024 09:10

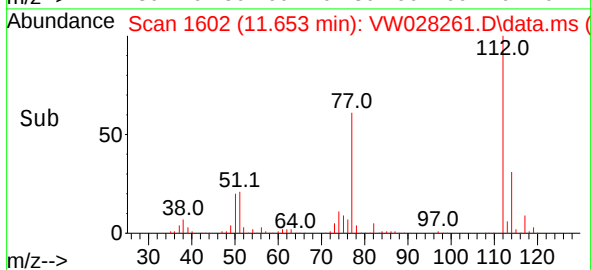
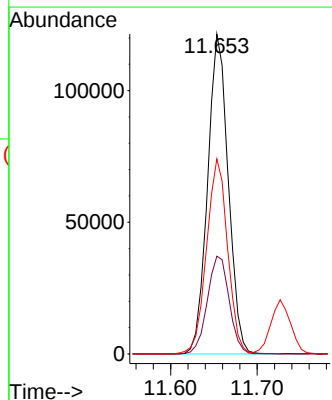
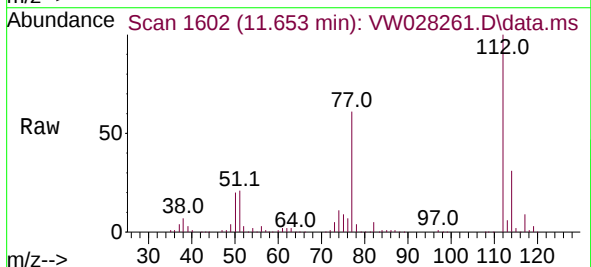
Tgt Ion:112 Resp: 200987

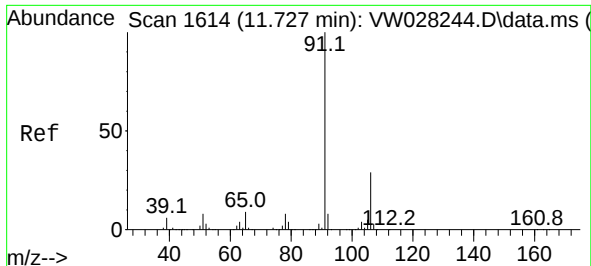
Ion Ratio Lower Upper

112 100

114 30.5 21.8 40.6

77 60.9 50.6 76.0





#52

Ethylbenzene

Concen: 23.578 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028261.D

Acq: 28 Mar 2024 09:10

Instrument :

MSVOA_W

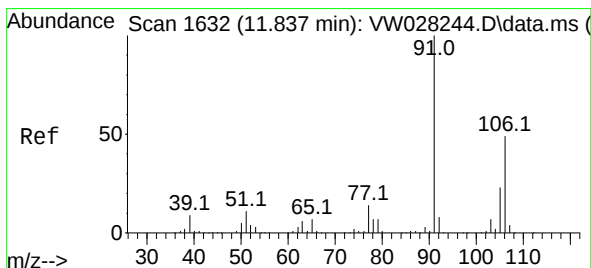
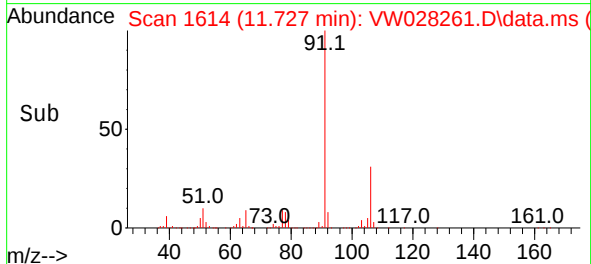
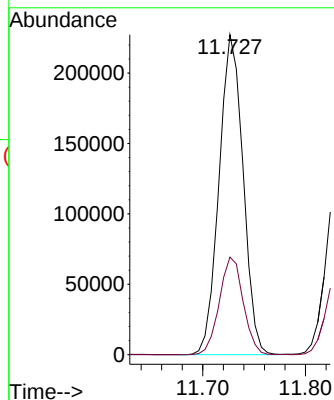
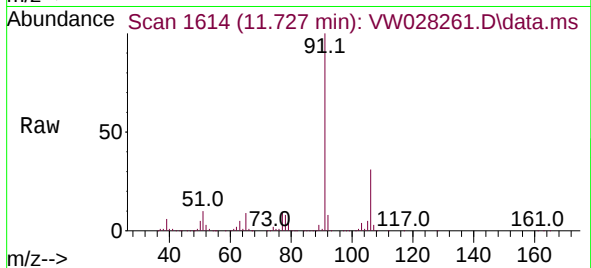
ClientSampleId :

Tgt Ion: 91 Resp: 368760

Ion Ratio Lower Upper

91 100

106 30.5 21.3 39.5



#53

m,p-Xylene

Concen: 23.690 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028261.D

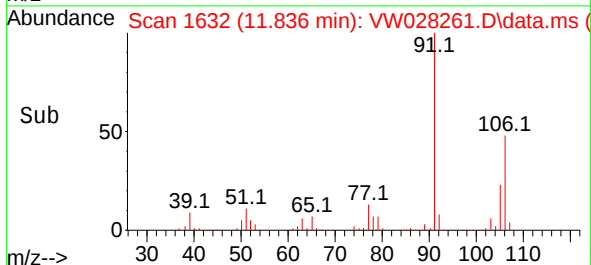
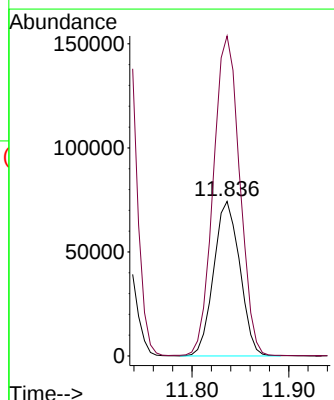
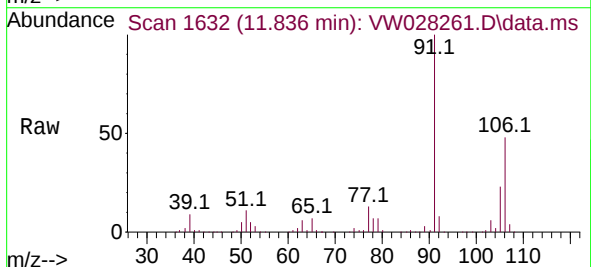
Acq: 28 Mar 2024 09:10

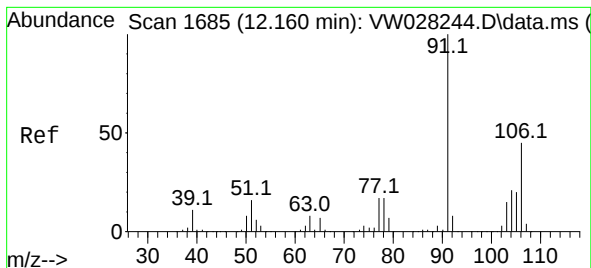
Tgt Ion:106 Resp: 139429

Ion Ratio Lower Upper

106 100

91 207.0 147.1 273.1





#54

o-Xylene

Concen: 23.875 ug/L

RT: 12.165 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028261.D

Acq: 28 Mar 2024 09:10

Instrument :

MSVOA_W

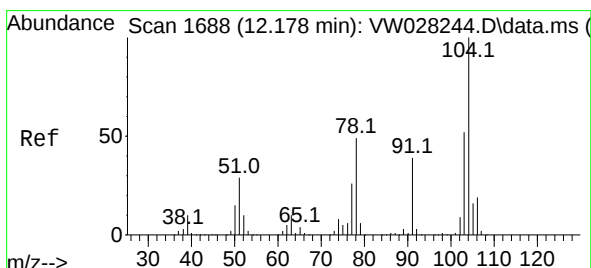
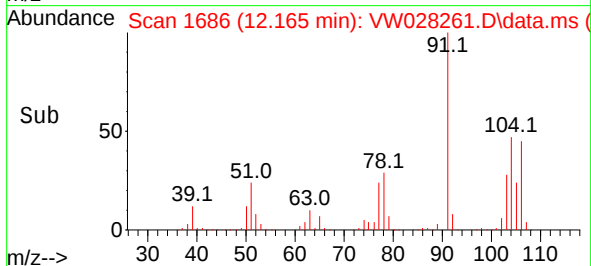
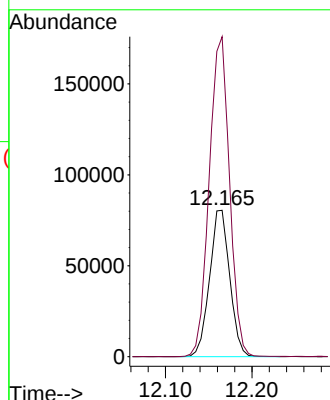
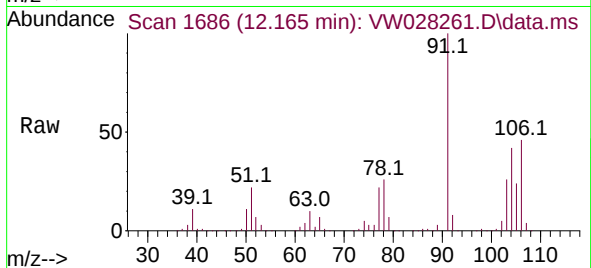
ClientSampleId :

Tgt Ion:106 Resp: 130307

Ion Ratio Lower Upper

106 100

91 218.7 149.2 277.2



#55

Styrene

Concen: 24.102 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028261.D

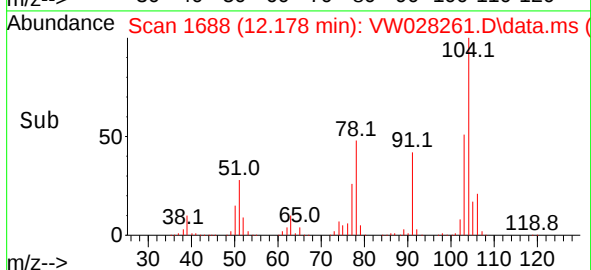
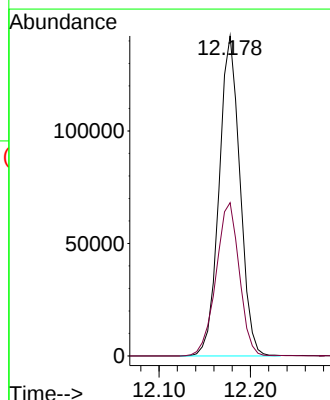
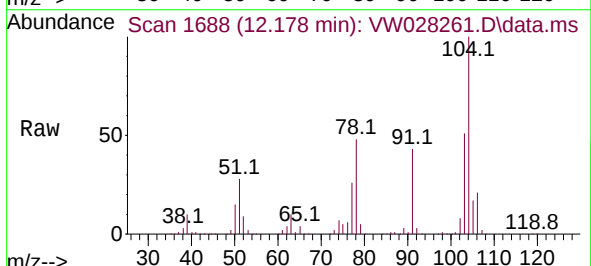
Acq: 28 Mar 2024 09:10

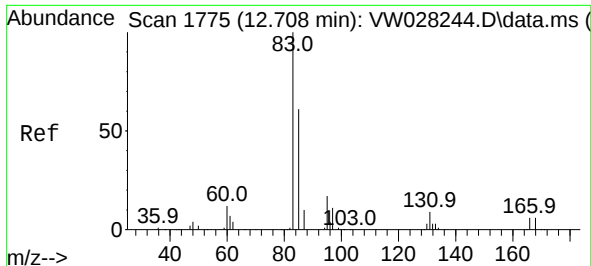
Tgt Ion:104 Resp: 225953

Ion Ratio Lower Upper

104 100

78 47.9 33.2 61.7

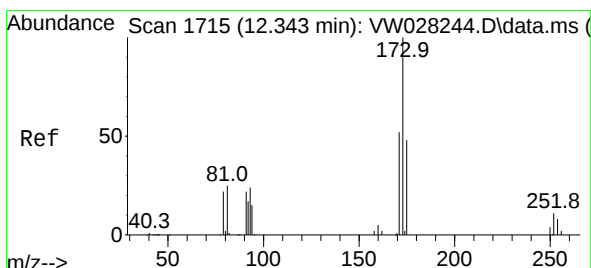
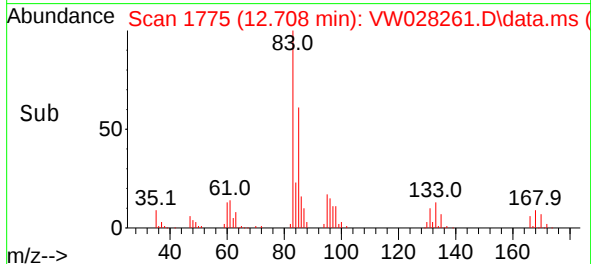
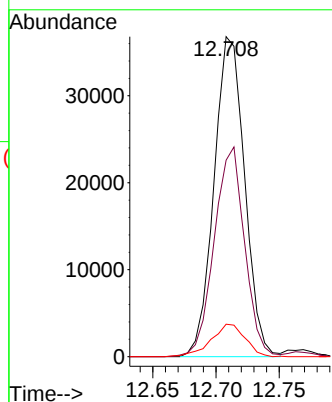
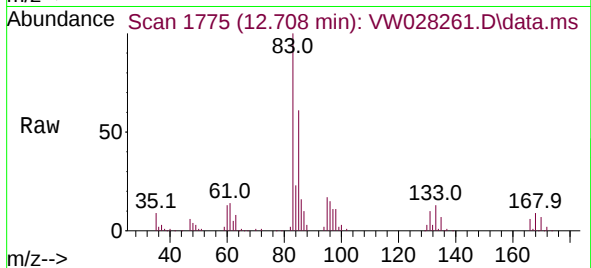




#57
1,1,2,2-Tetrachloroethane
Concen: 23.892 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW028261.D
Acq: 28 Mar 2024 09:10

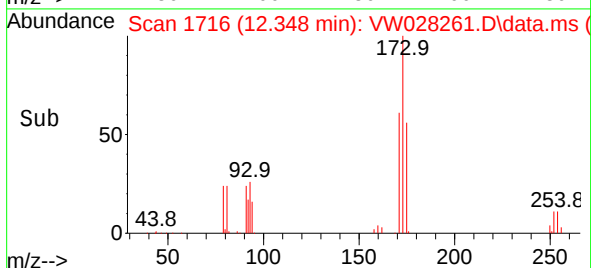
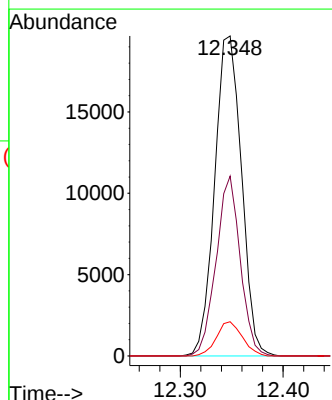
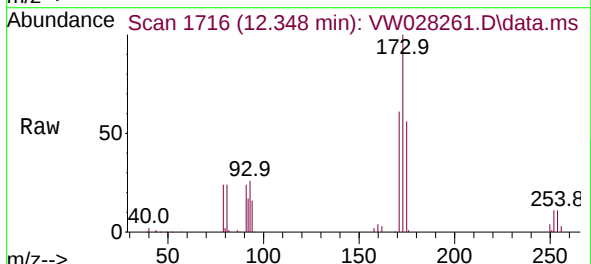
Instrument :
MSVOA_W
ClientSampleId :

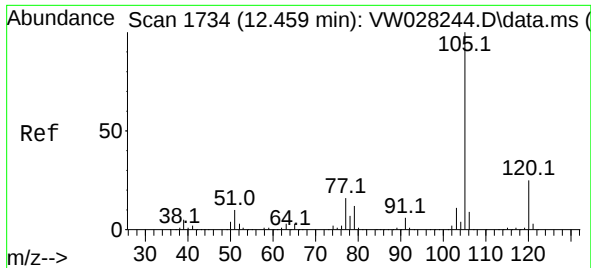
Tgt Ion: 83 Resp: 61998
Ion Ratio Lower Upper
83 100
85 61.4 47.0 87.2
131 10.1 8.9 13.3



#59
Bromoform
Concen: 22.182 ug/L
RT: 12.348 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW028261.D
Acq: 28 Mar 2024 09:10

Tgt Ion:173 Resp: 35620
Ion Ratio Lower Upper
173 100
175 50.5 39.8 59.6
254 10.4 8.5 12.7

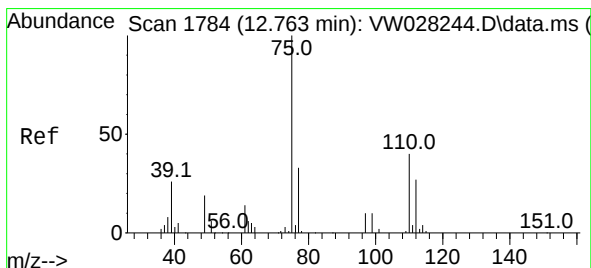
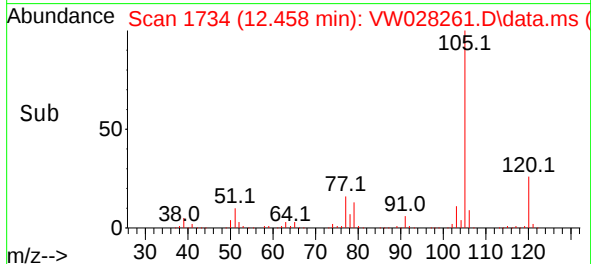
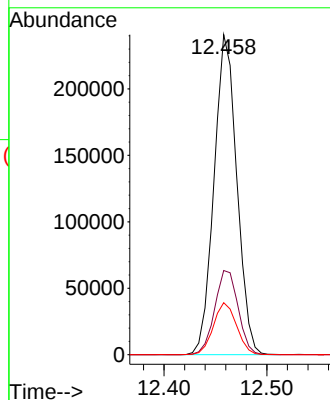
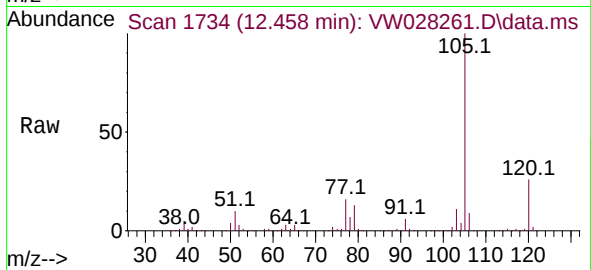




#60
Isopropylbenzene
Concen: 23.278 ug/L
RT: 12.458 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW028261.D
Acq: 28 Mar 2024 09:10

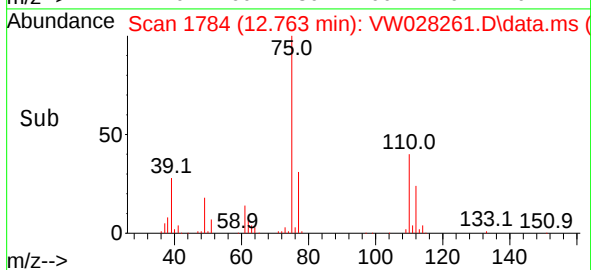
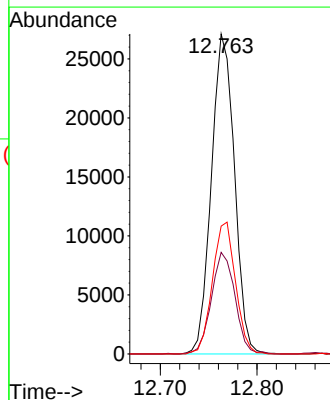
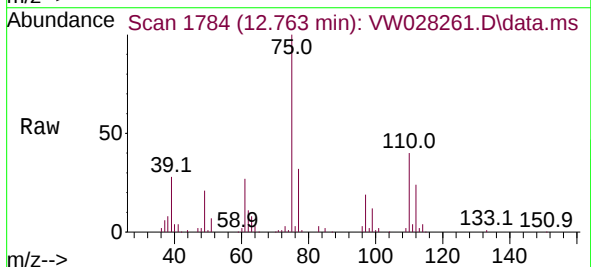
Instrument :
MSVOA_W
ClientSampleId :

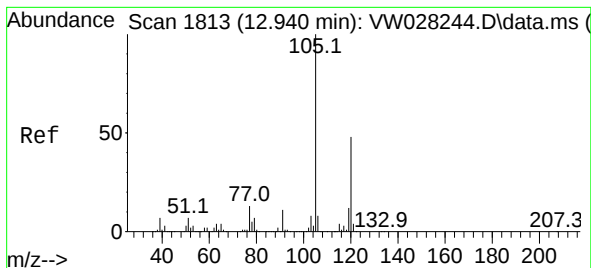
Tgt Ion:105 Resp: 370635
Ion Ratio Lower Upper
105 100
120 27.0 21.0 31.6
77 16.5 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 21.983 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW028261.D
Acq: 28 Mar 2024 09:10

Tgt Ion: 75 Resp: 44961
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0
110 41.2 32.2 48.2

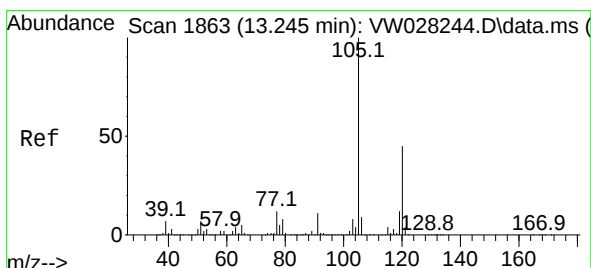
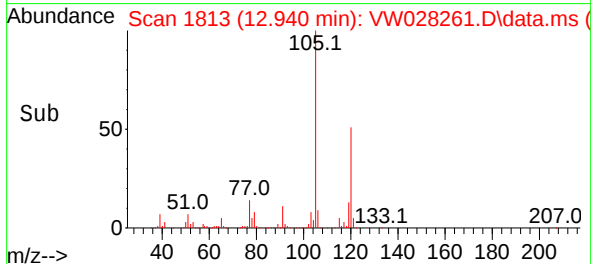
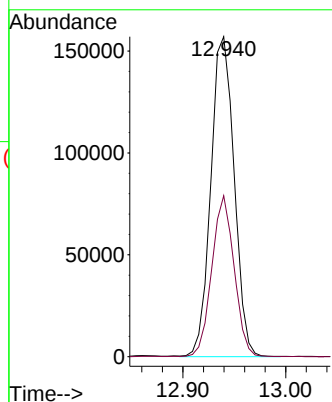
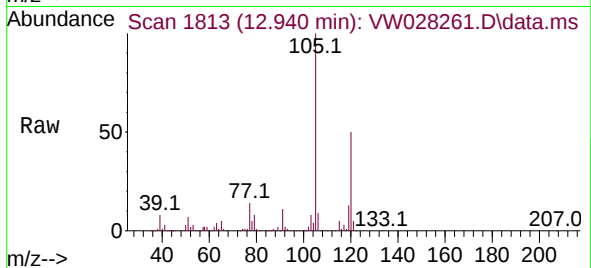




#62
1,3,5-Trimethylbenzene
Concen: 23.173 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028261.D
Acq: 28 Mar 2024 09:10

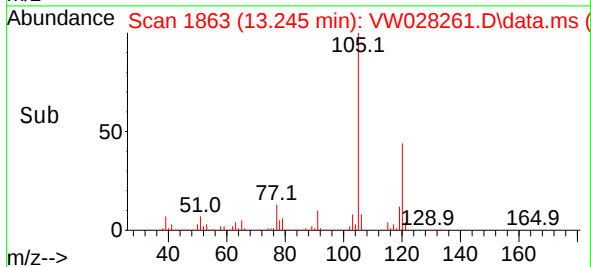
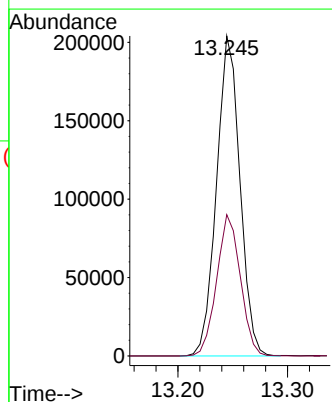
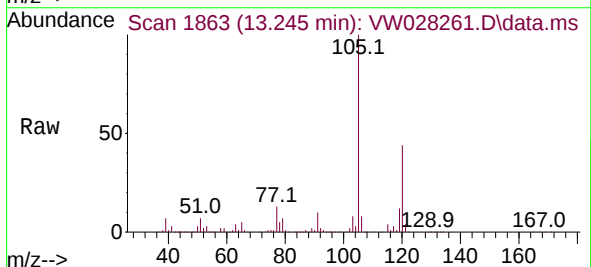
Instrument :
MSVOA_W
ClientSampleId :

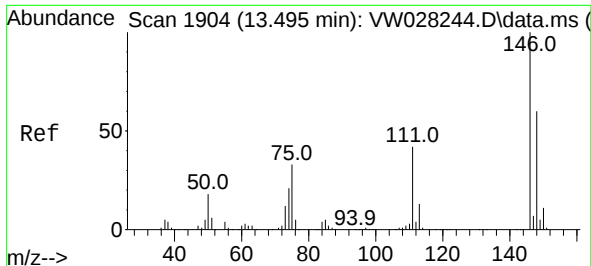
Tgt Ion:105 Resp: 247569
Ion Ratio Lower Upper
105 100
120 48.0 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 23.471 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028261.D
Acq: 28 Mar 2024 09:10

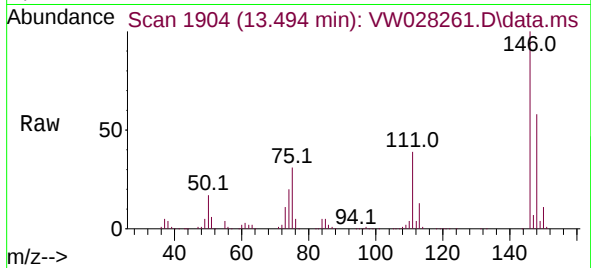
Tgt Ion:105 Resp: 302783
Ion Ratio Lower Upper
105 100
120 44.7 35.6 53.4



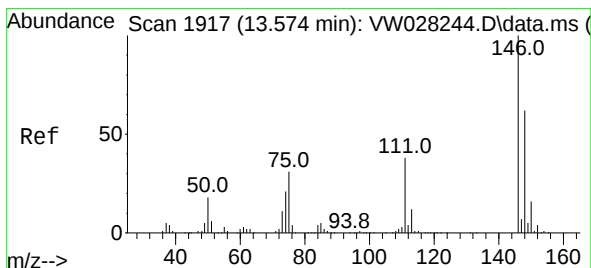
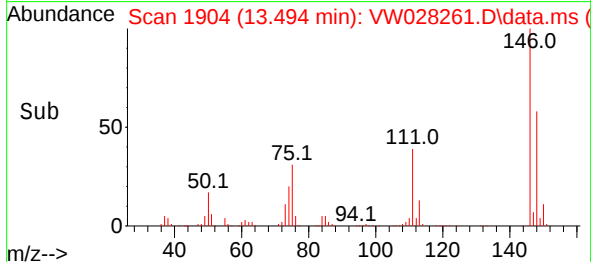
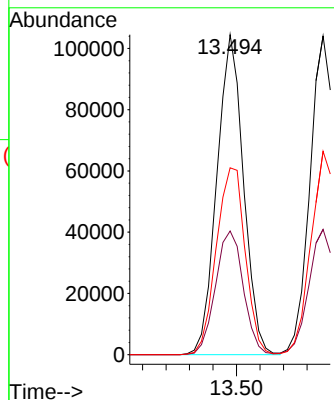


#64
1,3-Dichlorobenzene
Concen: 23.174 ug/L
RT: 13.494 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028261.D
Acq: 28 Mar 2024 09:10

Instrument :
MSVOA_W
ClientSampleId :

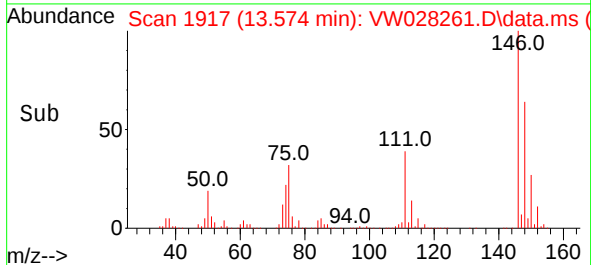
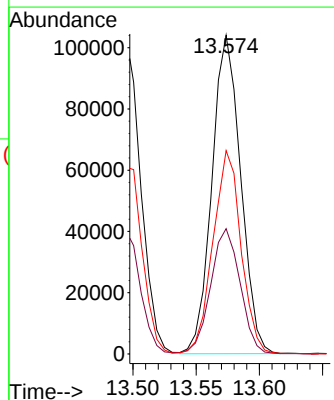
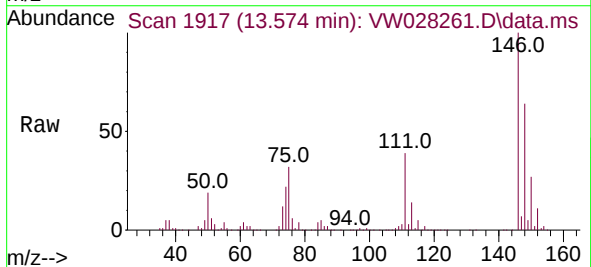


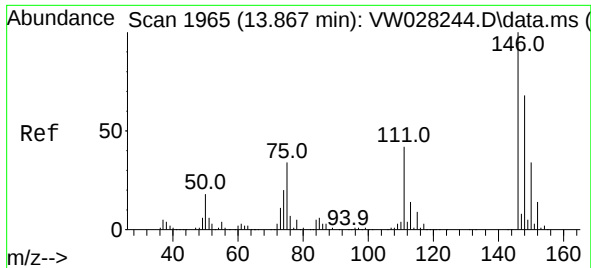
Tgt Ion:146 Resp: 164618
Ion Ratio Lower Upper
146 100
111 38.6 28.5 52.9
148 58.4 43.0 80.0



#65
1,4-Dichlorobenzene
Concen: 23.149 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028261.D
Acq: 28 Mar 2024 09:10

Tgt Ion:146 Resp: 164430
Ion Ratio Lower Upper
146 100
111 39.3 28.8 53.6
148 63.8 45.3 84.1

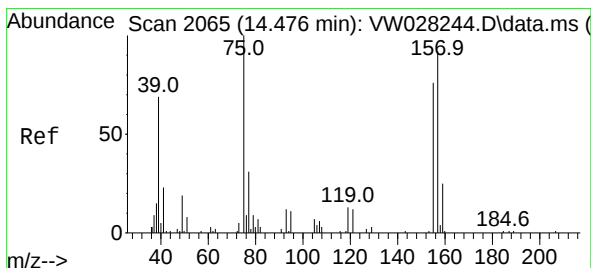
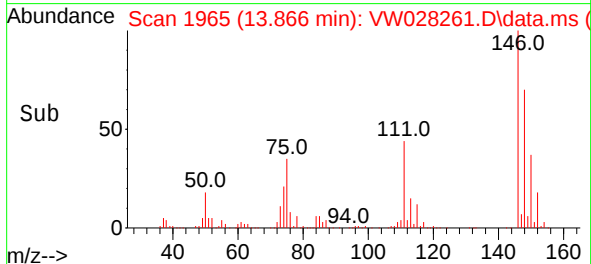
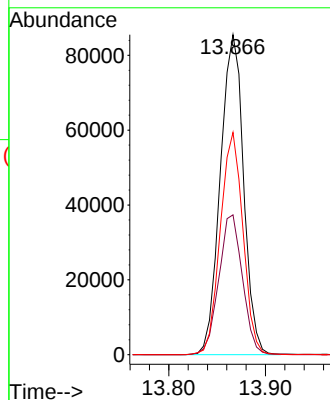
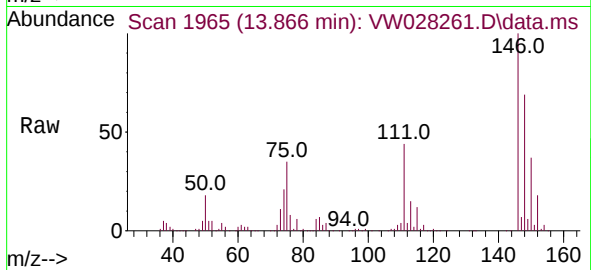




#67
1,2-Dichlorobenzene
Concen: 23.331 ug/L
RT: 13.866 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW028261.D
Acq: 28 Mar 2024 09:10

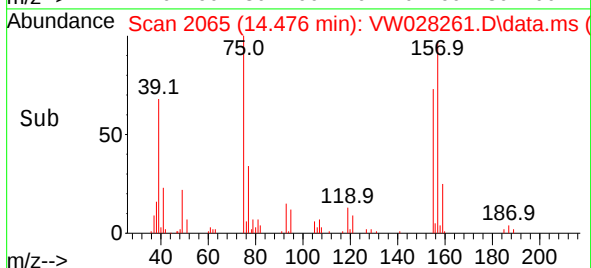
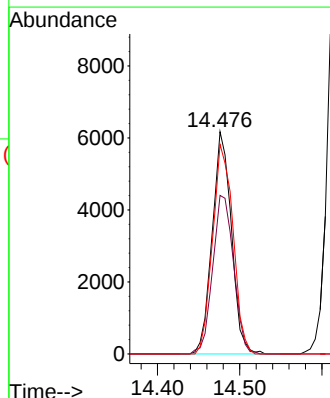
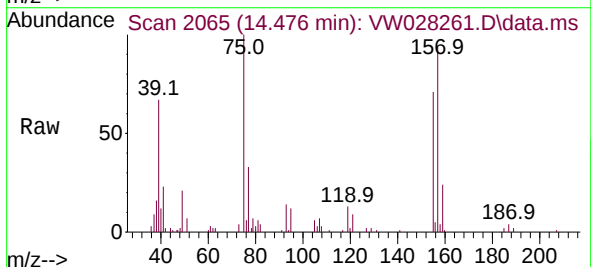
Instrument :
MSVOA_W
ClientSampleId :

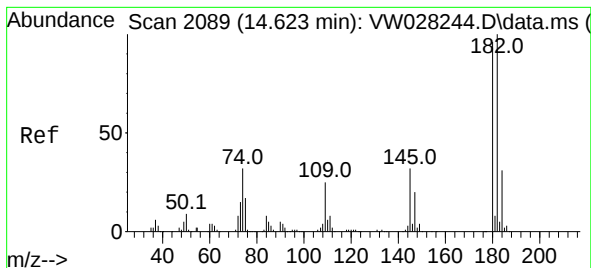
Tgt Ion:146 Resp: 142721
Ion Ratio Lower Upper
146 100
111 43.7 34.2 51.2
148 69.5 48.1 72.1



#68
1,2-Dibromo-3-chloropropane
Concen: 20.812 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW028261.D
Acq: 28 Mar 2024 09:10

Tgt Ion: 75 Resp: 9999
Ion Ratio Lower Upper
75 100
155 71.4 61.1 91.7
157 94.3 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 23.655 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

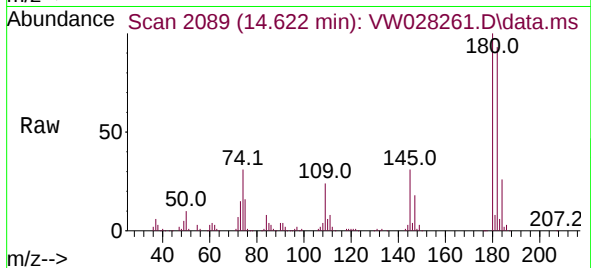
Lab File: VW028261.D

Acq: 28 Mar 2024 09:10

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 117043

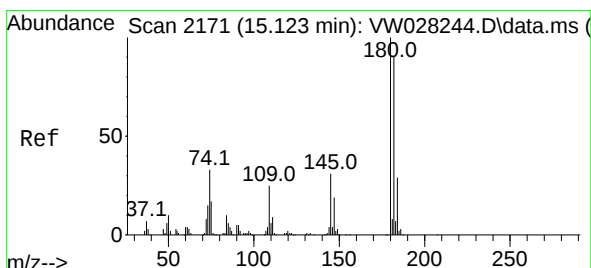
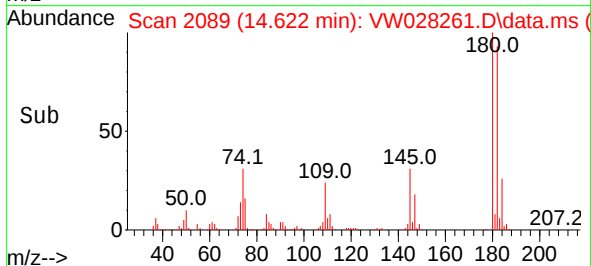
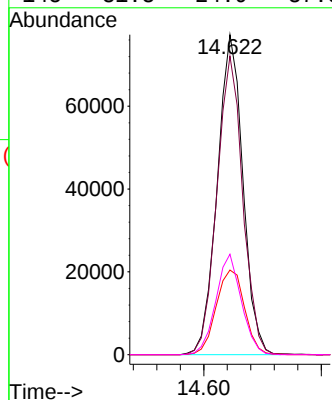
Ion Ratio Lower Upper

180 100

182 93.8 76.6 114.8

184 29.3 23.5 35.3

145 31.3 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 23.054 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028261.D

Acq: 28 Mar 2024 09:10

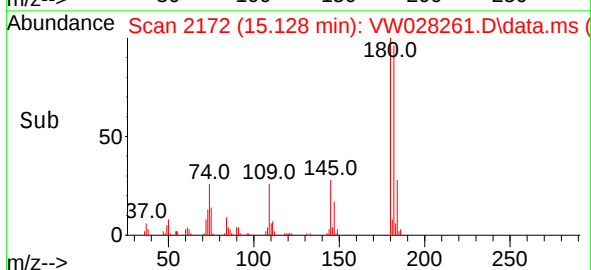
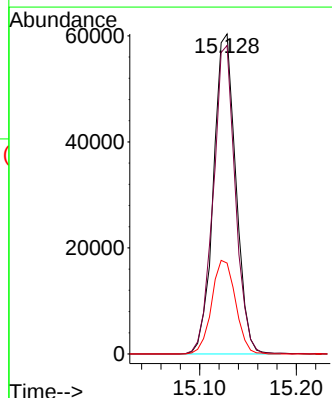
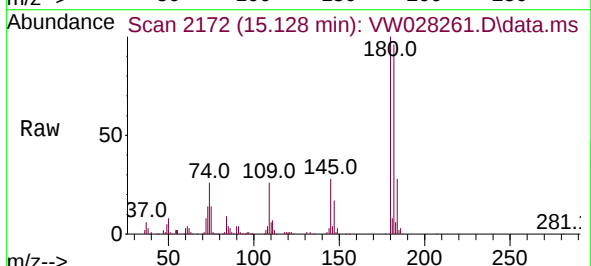
Tgt Ion:180 Resp: 96909

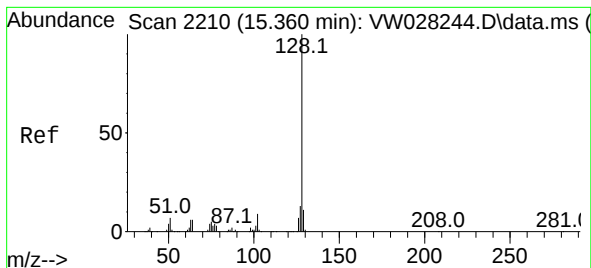
Ion Ratio Lower Upper

180 100

182 95.2 73.8 110.8

145 31.2 25.0 37.6





#71

Naphthalene

Concen: 23.816 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW028261.D

Acq: 28 Mar 2024 09:10

Instrument :

MSVOA_W

ClientSampleId :

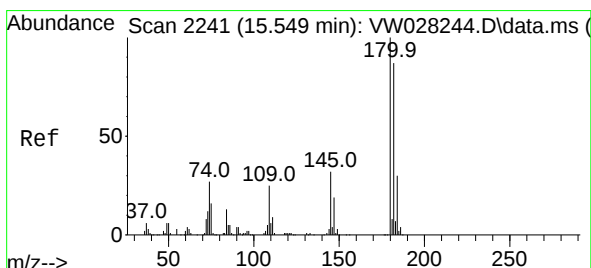
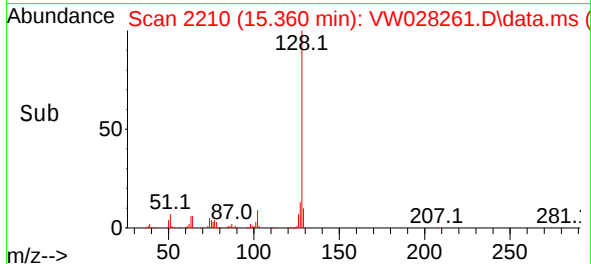
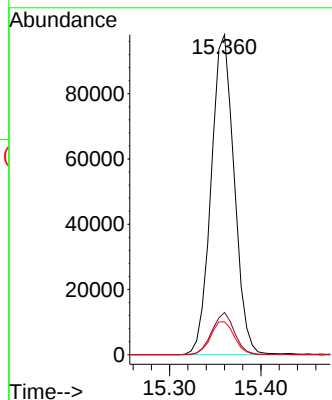
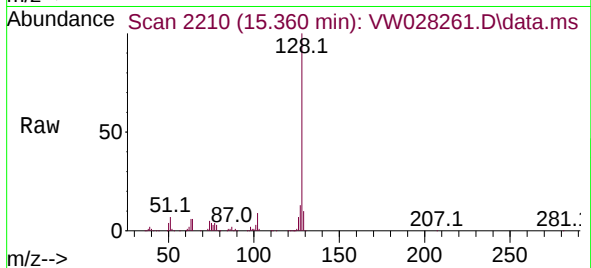
Tgt Ion:128 Resp: 171827

Ion Ratio Lower Upper

128 100

127 12.8 10.9 16.3

129 10.6 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 23.821 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW028261.D

Acq: 28 Mar 2024 09:10

Tgt Ion:180 Resp: 82546

Ion Ratio Lower Upper

180 100

182 94.7 76.0 114.0

145 33.0 27.1 40.7

