

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040824\
 Data File : VW028354.D
 Acq On : 08 Apr 2024 12:57
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 09 01:38:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 09 01:33:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	303735	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	286280	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	142434	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	108687	22.321	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.280%
7) Chloroethane-d5	2.899	69	87445	23.694	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.760%
11) 1,1-Dichloroethene-d2	4.021	65	45786	22.204	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.800%
21) 2-Butanone-d5	7.081	46	48302	53.010	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.020%
24) Chloroform-d	7.648	84	192815	24.328	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.320%
26) 1,2-Dichloroethane-d4	8.306	65	107192	26.025	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.080%
32) Benzene-d6	8.276	84	382920	24.484	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.920%
36) 1,2-Dichloropropane-d6	9.270	67	114459	24.622	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.480%
41) Toluene-d8	10.324	98	346881	24.392	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.560%
43) trans-1,3-Dichloroprop...	10.574	79	47999	25.967	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.880%
47) 2-Hexanone-d5	10.922	63	34908	54.211	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	87464	26.667	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	115043	25.540	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.160%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	101894	24.942	ug/L	99
3) Chloromethane	2.222	50	116688	24.329	ug/L	98
5) Vinyl chloride	2.374	62	131638	23.046	ug/L	99
6) Bromomethane	2.789	94	85212	23.878	ug/L	98
8) Chloroethane	2.935	64	80552	23.394	ug/L	99
9) Trichlorofluoromethane	3.271	101	100926	22.149	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	100614	23.470	ug/L	95
12) 1,1-Dichloroethene	4.051	96	91916	22.835	ug/L	92
13) Acetone	4.136	43	49321	44.083	ug/L	96
14) Carbon disulfide	4.392	76	311404	23.498	ug/L	100
15) Methyl Acetate	4.679	43	45530	25.292	ug/L	100
16) Methylene chloride	4.923	84	99781	21.710	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	99015	23.352	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	154785	25.952	ug/L	99
19) 1,1-Dichloroethane	6.221	63	193840	23.464	ug/L	100
20) cis-1,2-Dichloroethene	7.172	96	107502	23.889	ug/L	96
22) 2-Butanone	7.172	43	66574	49.032	ug/L	100
23) Bromochloromethane	7.520	128	46236	23.853	ug/L	92
25) Chloroform	7.672	83	193342	23.825	ug/L	94

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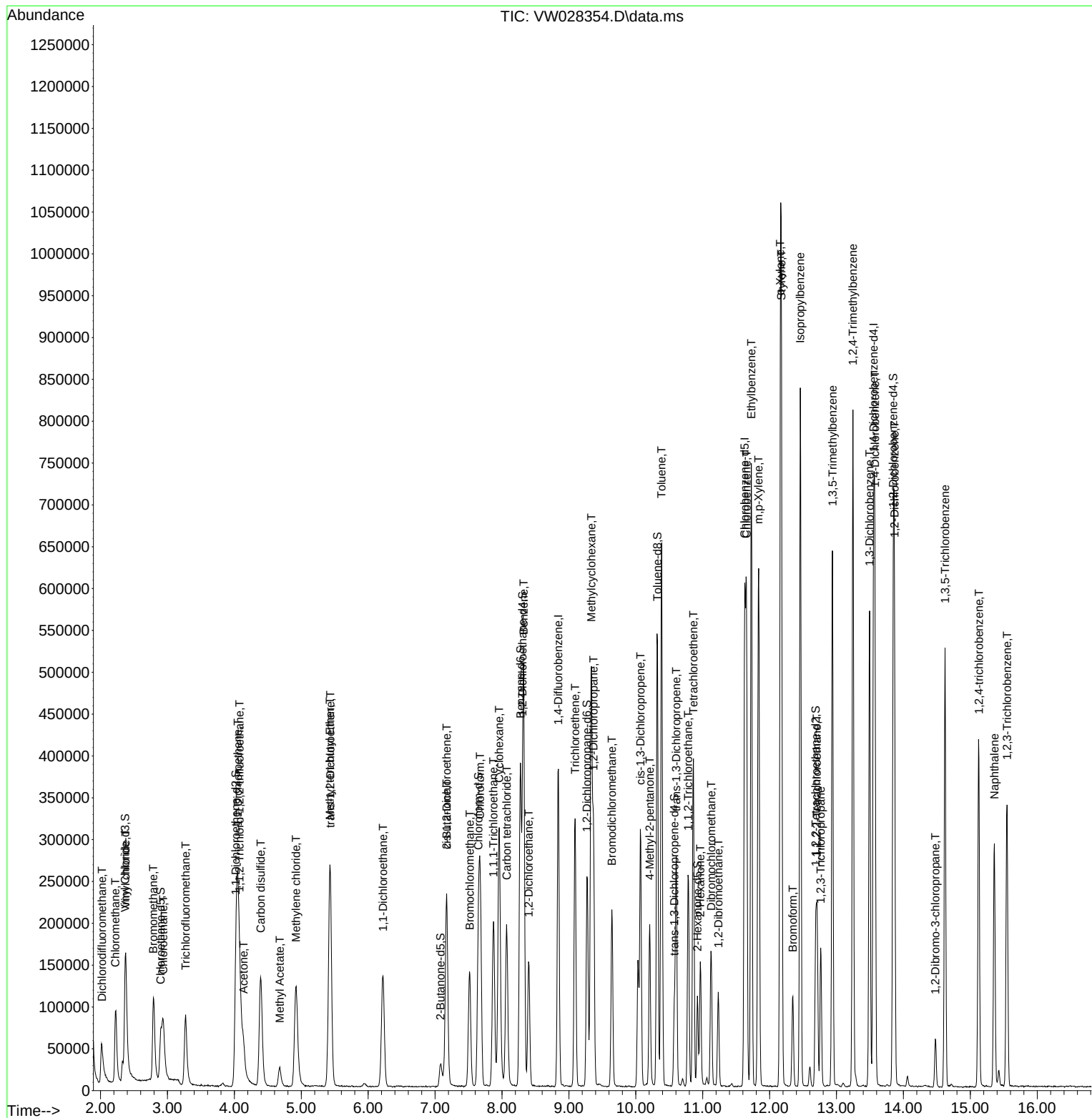
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	137772	24.598	ug/L	98
29) Cyclohexane	7.959	56	179844	23.783	ug/L	99
30) 1,1,1-Trichloroethane	7.873	97	159404	22.959	ug/L	99
31) Carbon tetrachloride	8.069	117	140871	22.880	ug/L	100
33) Benzene	8.325	78	417195	23.308	ug/L	100
34) Trichloroethene	9.093	95	108716	22.412	ug/L	98
35) Methylcyclohexane	9.337	83	191976	23.193	ug/L	99
37) 1,2-Dichloropropane	9.367	63	108999	23.364	ug/L	100
38) Bromodichloromethane	9.641	83	137829	23.836	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	168127	24.576	ug/L	98
40) 4-Methyl-2-pentanone	10.208	43	126575	54.199	ug/L	98
42) Toluene	10.385	91	450638	23.765	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	140874	25.454	ug/L	95
45) 1,1,2-Trichloroethane	10.781	97	77135	24.439	ug/L	96
46) Tetrachloroethene	10.861	164	82613	22.801	ug/L	93
48) 2-Hexanone	10.964	43	92660	49.986	ug/L	94
49) Dibromochloromethane	11.129	129	82564	24.475	ug/L	99
50) 1,2-Dibromoethane	11.233	107	73169	25.400	ug/L	94
51) Chlorobenzene	11.653	112	276201	23.433	ug/L	97
52) Ethylbenzene	11.726	91	499702	23.247	ug/L	97
53) m,p-Xylene	11.836	106	193240	24.174	ug/L	84
54) o-Xylene	12.159	106	183130	24.605	ug/L	94
55) Styrene	12.178	104	311215	24.568	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	90863	25.439	ug/L	96
59) Bromoform	12.348	173	47279	25.147	ug/L	98
60) Isopropylbenzene	12.458	105	498208	23.332	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	66078	25.375	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	326254	23.972	ug/L	98
63) 1,2,4-Trimethylbenzene	13.244	105	402804	24.593	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	213318	23.544	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	214256	23.247	ug/L	96
67) 1,2-Dichlorobenzene	13.866	146	191393	24.015	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	14856	24.896	ug/L	86
69) 1,3,5-Trichlorobenzene	14.622	180	144314	23.147	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	122920	25.246	ug/L	96
71) Naphthalene	15.360	128	237461	27.558	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	109504	25.345	ug/L	96

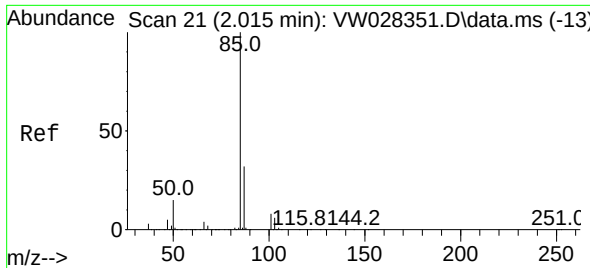
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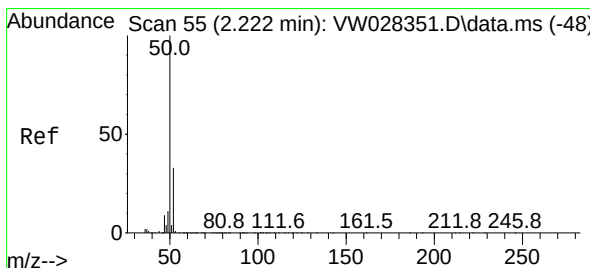
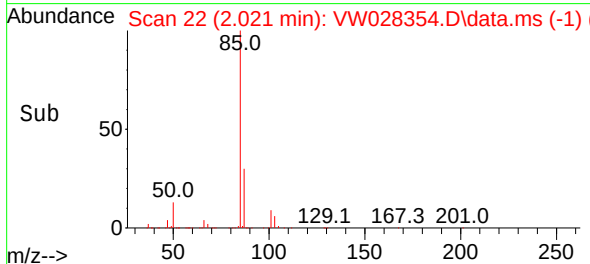
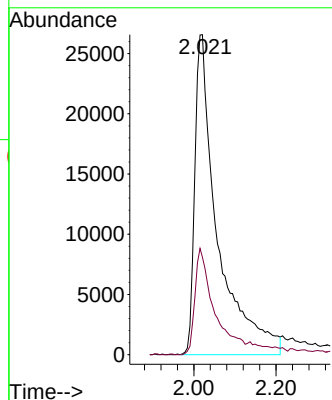
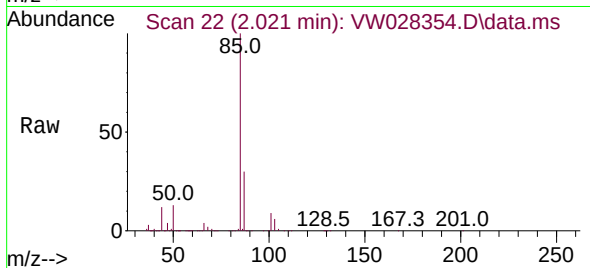




#2
 Dichlorodifluoromethane
 Concen: 24.942 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW028354.D
 Acq: 08 Apr 2024 12:57

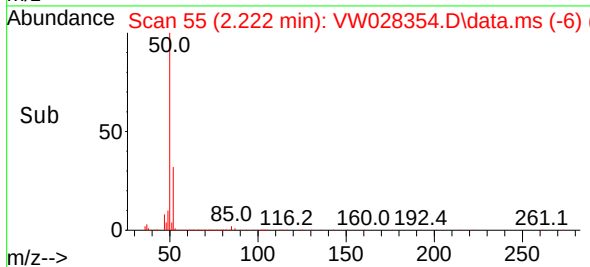
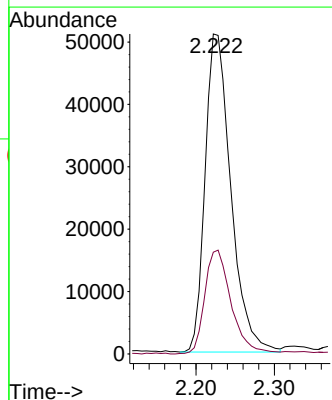
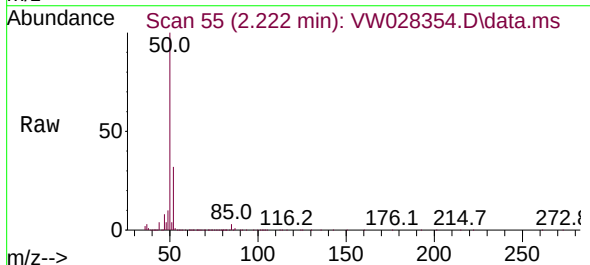
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 ClientSampleId :

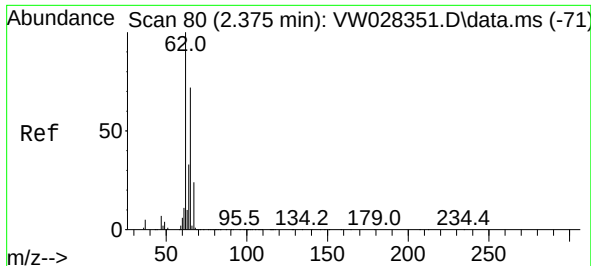
Tgt Ion: 85 Resp: 101894
 Ion Ratio Lower Upper
 85 100
 87 28.5 23.4 35.0



#3
 Chloromethane
 Concen: 24.329 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW028354.D
 Acq: 08 Apr 2024 12:57

Tgt Ion: 50 Resp: 116688
 Ion Ratio Lower Upper
 50 100
 52 31.8 23.0 42.6

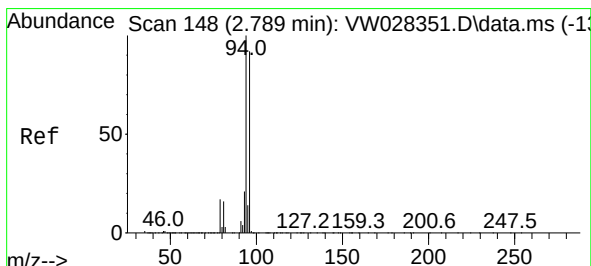
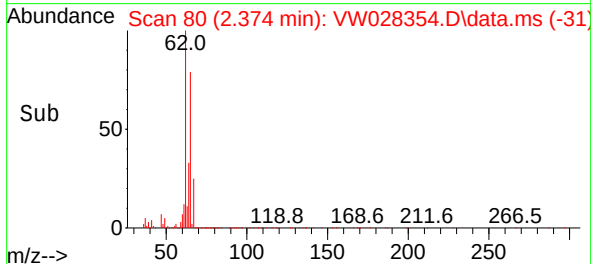
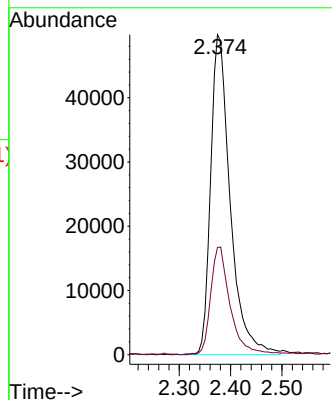
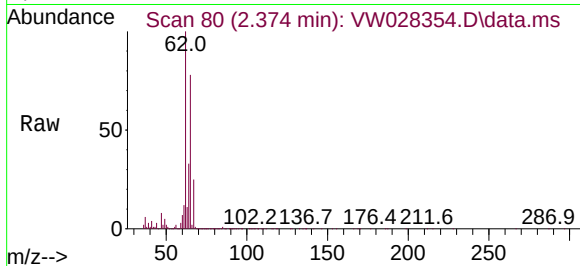




#5
 Vinyl chloride
 Concen: 23.046 ug/L
 RT: 2.374 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028354.D
 Acq: 08 Apr 2024 12:57

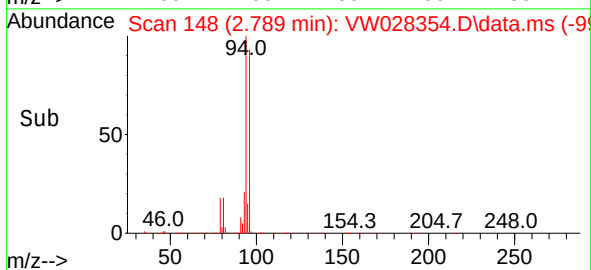
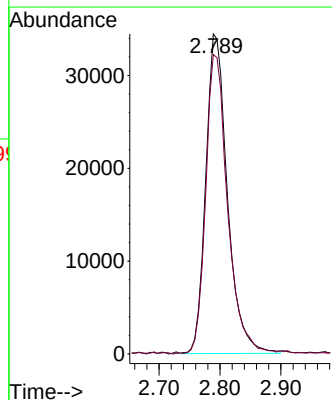
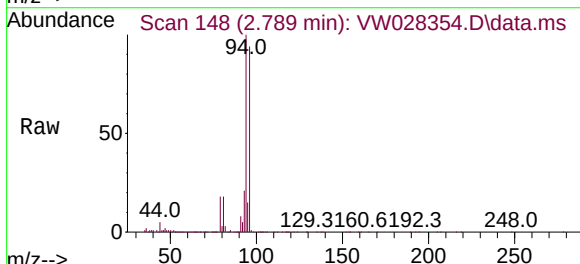
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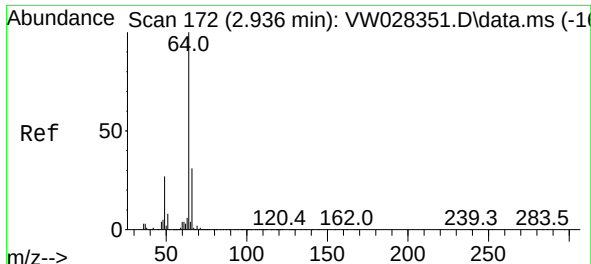
Tgt Ion: 62 Resp: 131638
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.1 42.9



#6
 Bromomethane
 Concen: 23.878 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW028354.D
 Acq: 08 Apr 2024 12:57

Tgt Ion: 94 Resp: 85212
 Ion Ratio Lower Upper
 94 100
 96 93.5 64.3 119.5

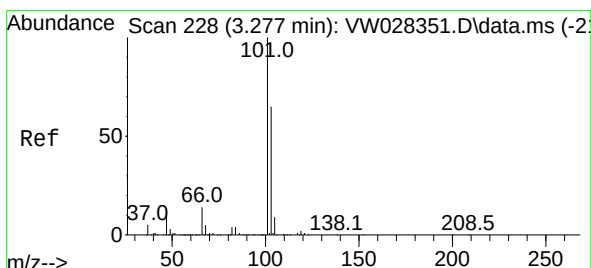
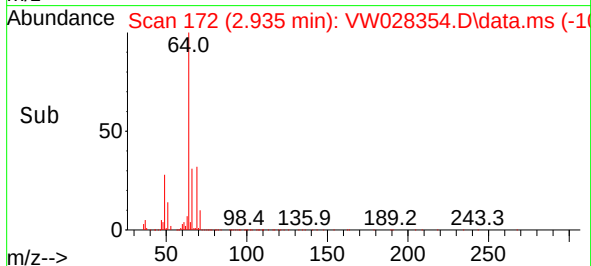
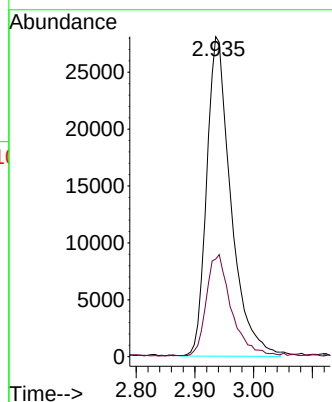
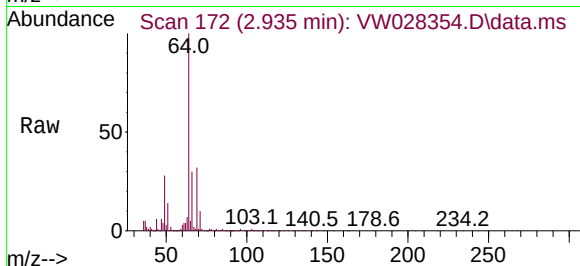




#8
Chloroethane
Concen: 23.394 ug/L
RT: 2.935 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028354.D
Acq: 08 Apr 2024 12:57

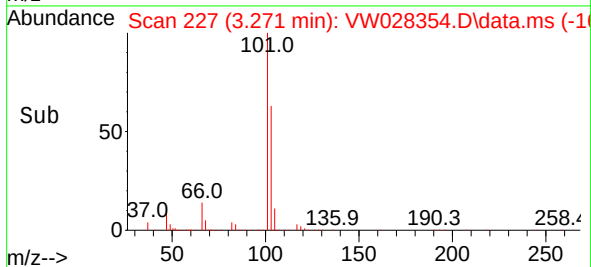
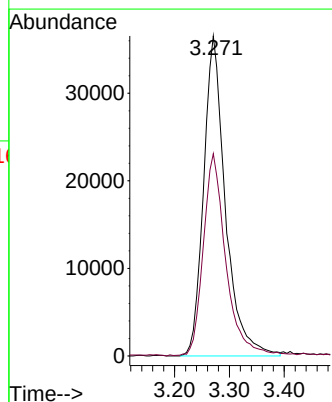
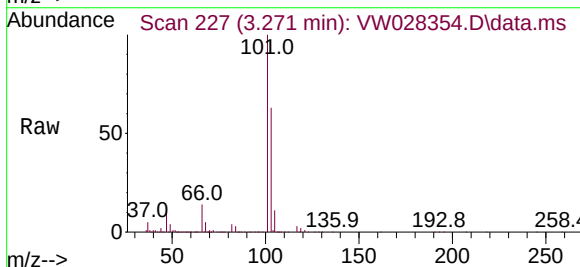
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MSVOA_W
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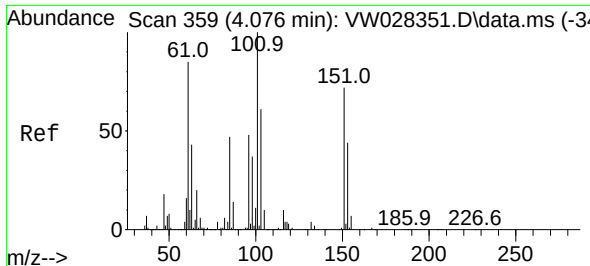
Tgt Ion: 64 Resp: 80552
Ion Ratio Lower Upper
64 100
66 30.5 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.149 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.006 min
Lab File: VW028354.D
Acq: 08 Apr 2024 12:57

Tgt Ion:101 Resp: 100926
Ion Ratio Lower Upper
101 100
103 64.2 52.0 78.0





#10

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

Concen: 23.470 ug/L

RT: 4.075 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW028354.D

Acq: 08 Apr 2024 12:57

Instrument :

MSVOA_W

ClientSampleId :

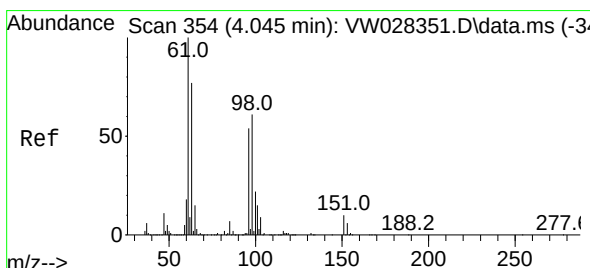
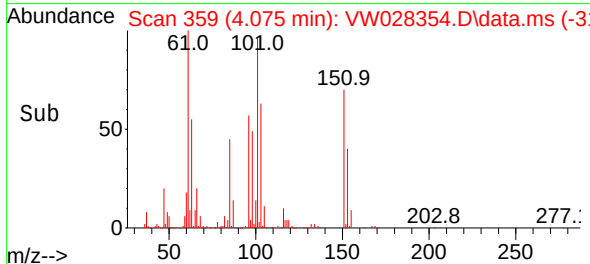
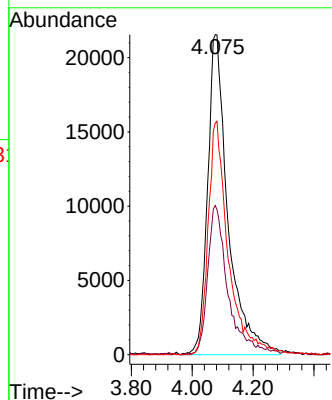
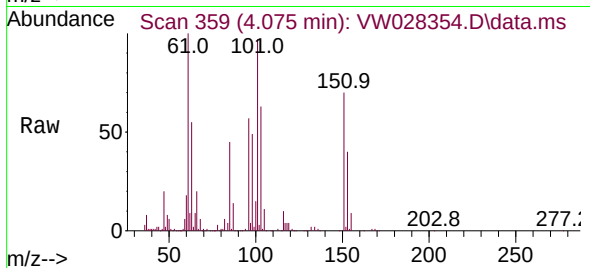
Tgt Ion:101 Resp: 100614

Ion Ratio Lower Upper

101 100

85 42.6 34.5 51.7

151 65.8 57.5 86.3



#12

1,1-Dichloroethene

Concen: 22.835 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW028354.D

Acq: 08 Apr 2024 12:57

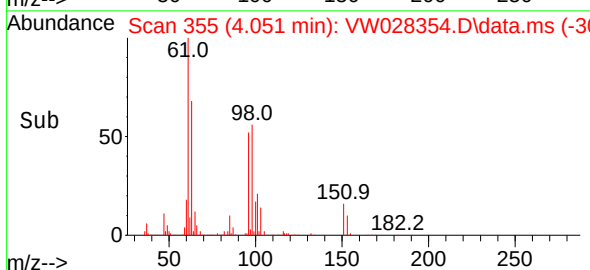
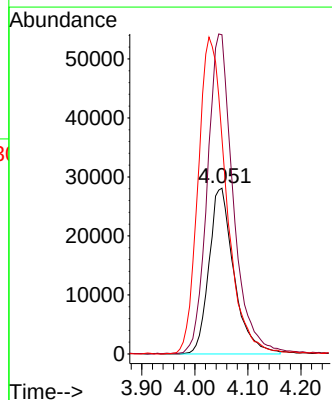
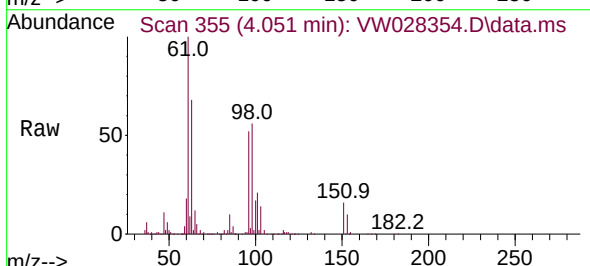
Tgt Ion: 96 Resp: 91916

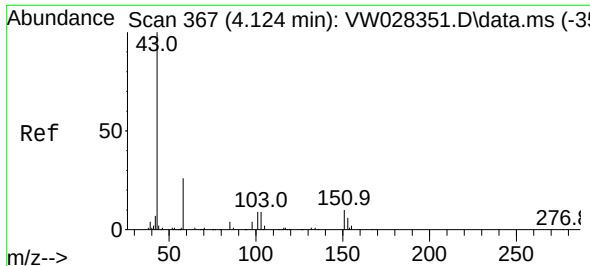
Ion Ratio Lower Upper

96 100

61 192.6 130.5 242.5

63 130.1 101.5 188.5

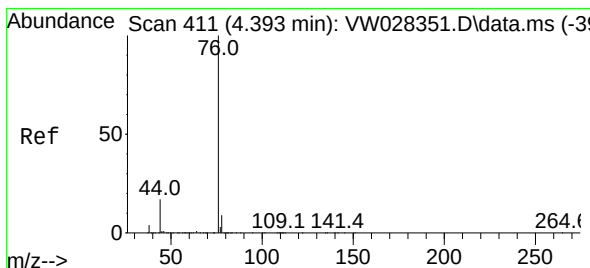
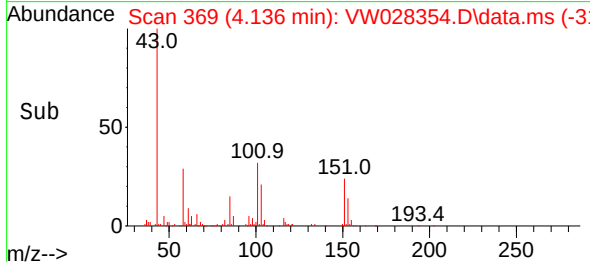
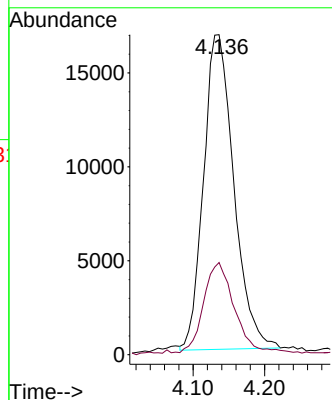
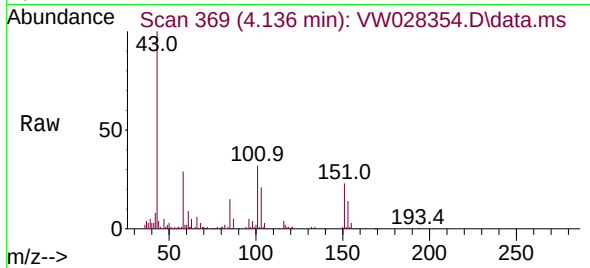




#13
Acetone
Concen: 44.083 ug/L
RT: 4.136 min Scan# 369
Delta R.T. 0.012 min
Lab File: VW028354.D
Acq: 08 Apr 2024 12:57

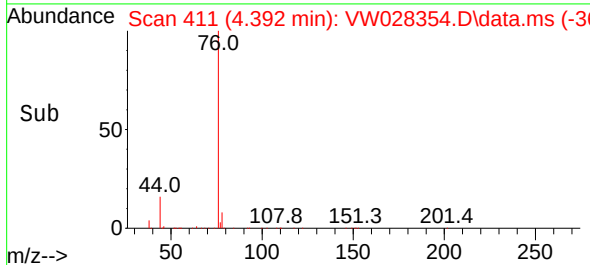
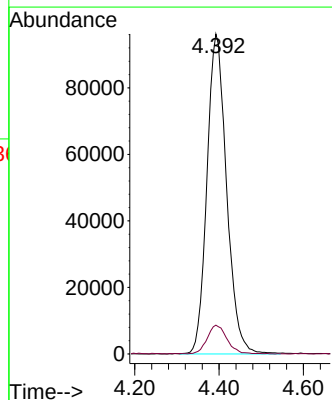
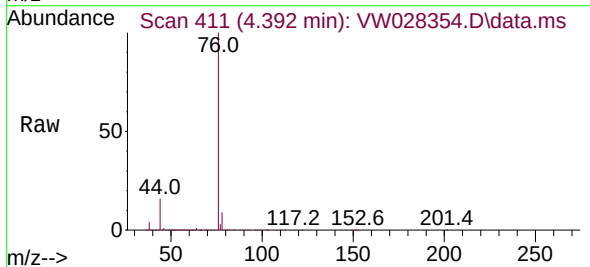
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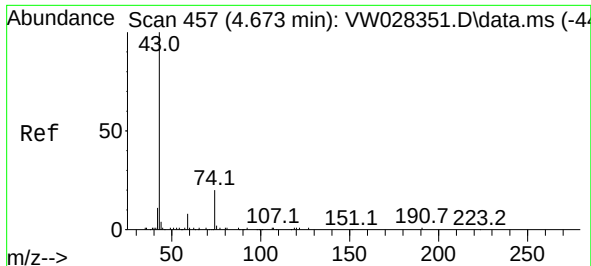
Tgt Ion: 43 Resp: 49321
Ion Ratio Lower Upper
43 100
58 29.0 0.0 53.4



#14
Carbon disulfide
Concen: 23.498 ug/L
RT: 4.392 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 311404
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9





#15

Methyl Acetate

Concen: 25.292 ug/L

RT: 4.679 min Scan# 457

Delta R.T. 0.006 min

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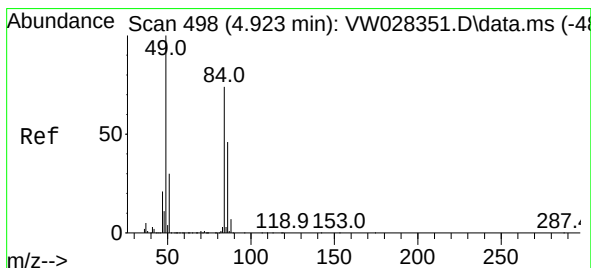
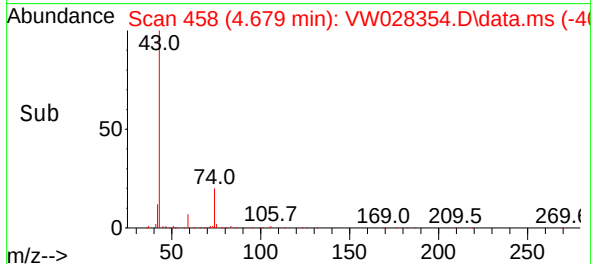
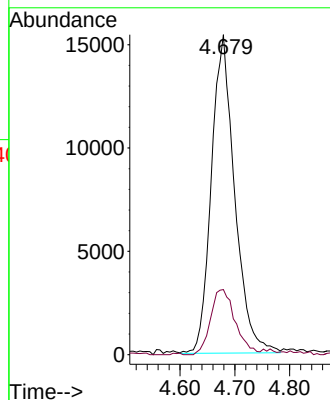
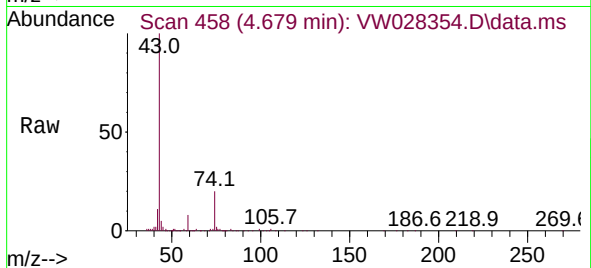
ClientSampleId :

Tgt Ion: 43 Resp: 45530

Ion Ratio Lower Upper

43 100

74 21.7 17.4 26.0



#16

Methylene chloride

Concen: 21.710 ug/L

RT: 4.923 min Scan# 498

Delta R.T. -0.000 min

Lab File: VW028354.D

Acq: 08 Apr 2024 12:57

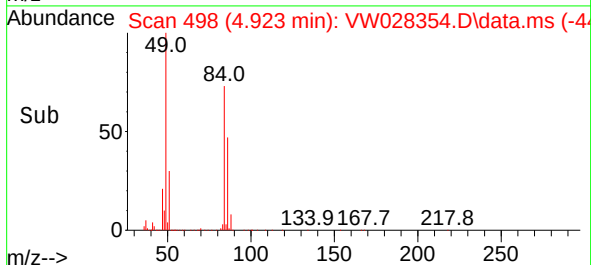
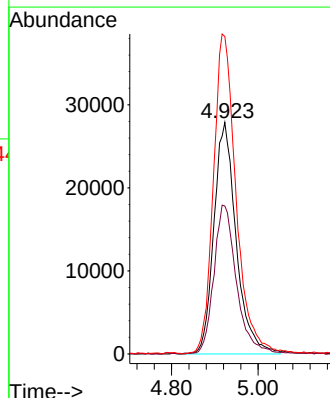
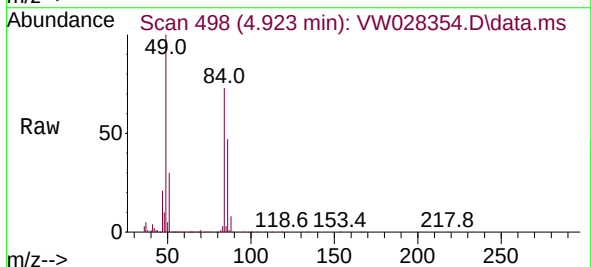
Tgt Ion: 84 Resp: 99781

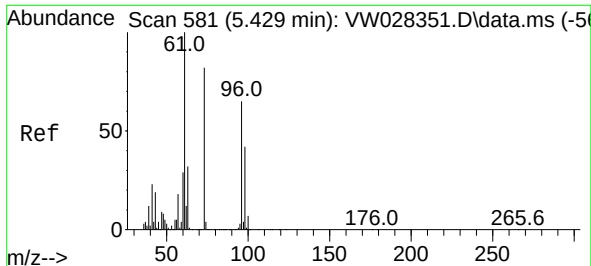
Ion Ratio Lower Upper

84 100

86 63.9 44.2 82.0

49 137.1 95.0 176.4

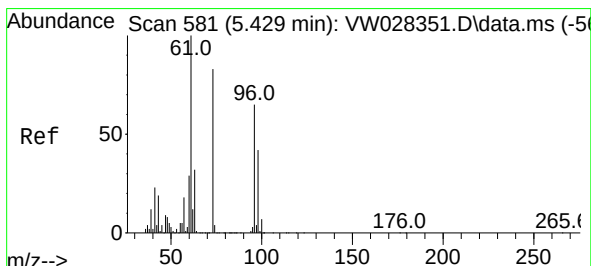
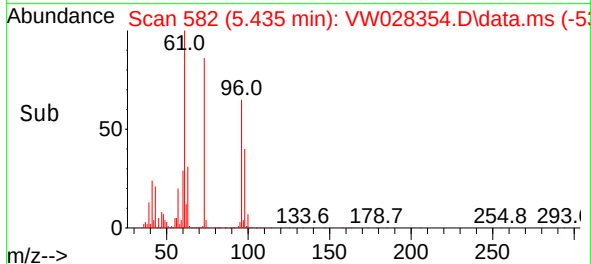
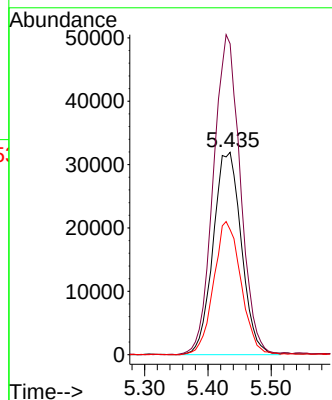
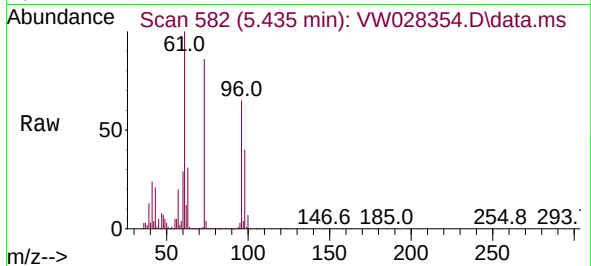




#17
trans-1,2-Dichloroethene
Concen: 23.352 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW028354.D
Acq: 08 Apr 2024 12:57

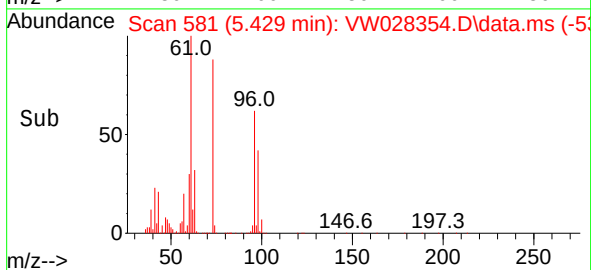
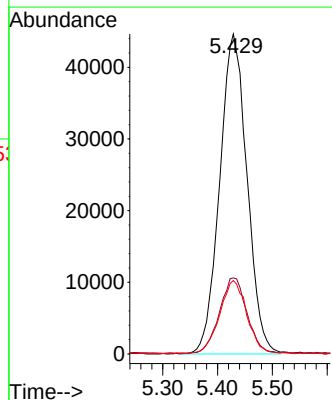
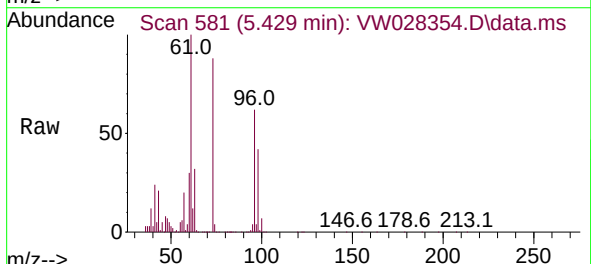
Instrument :
MSVOA_W
ClientSampleId :

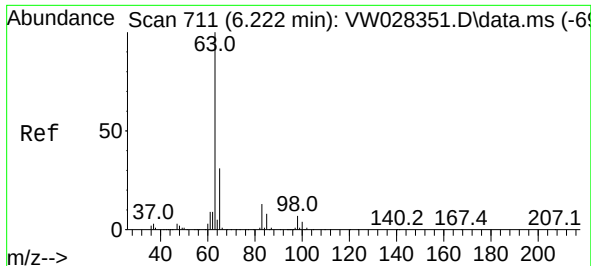
Tgt Ion: 96 Resp: 99015
Ion Ratio Lower Upper
96 100
61 153.6 108.4 201.4
98 61.7 45.6 84.8



#18
Methyl tert-butyl Ether
Concen: 25.952 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW028354.D
Acq: 08 Apr 2024 12:57

Tgt Ion: 73 Resp: 154785
Ion Ratio Lower Upper
73 100
43 24.3 18.5 27.7
57 22.7 18.2 27.4





#19

1,1-Dichloroethane

Concen: 23.464 ug/L

RT: 6.221 min Scan# 711

Delta R.T. -0.000 min

Lab File: VW028354.D

Acq: 08 Apr 2024 12:57

Instrument :

MSVOA_W

ClientSampleId :

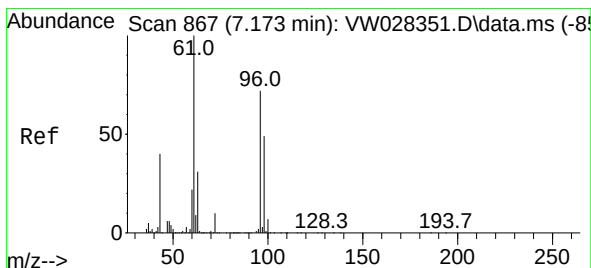
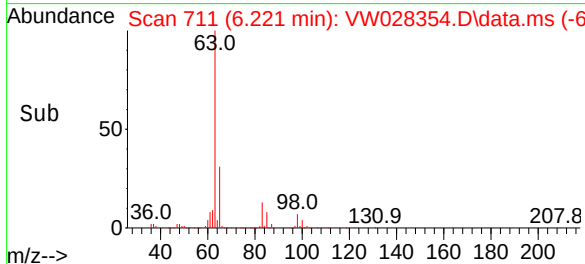
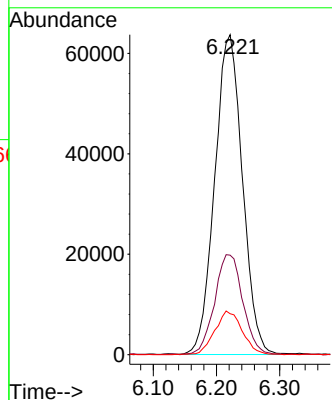
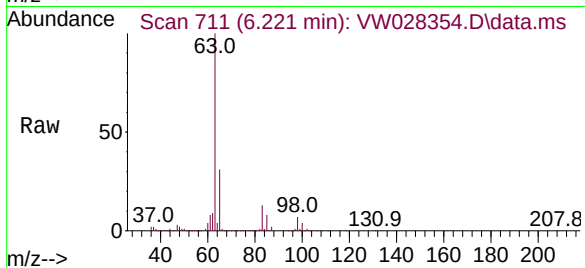
Tgt Ion: 63 Resp: 193840

Ion Ratio Lower Upper

63 100

65 31.1 21.8 40.4

83 12.8 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 23.889 ug/L

RT: 7.172 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW028354.D

Acq: 08 Apr 2024 12:57

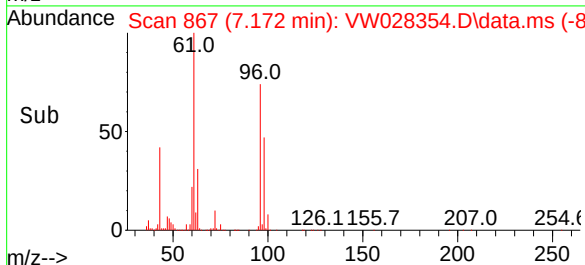
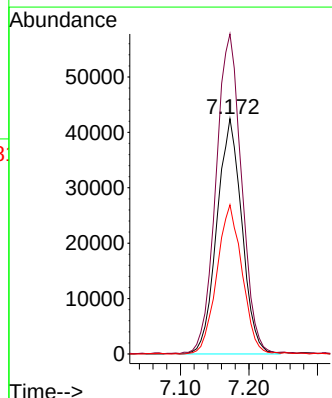
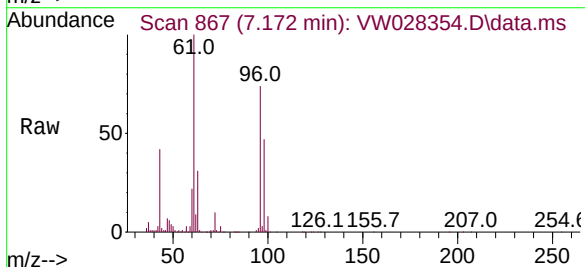
Tgt Ion: 96 Resp: 107502

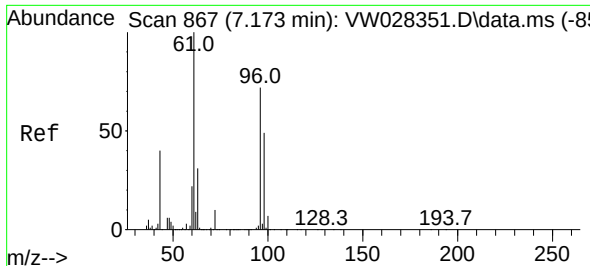
Ion Ratio Lower Upper

96 100

61 136.0 97.6 181.2

98 63.3 47.7 88.5

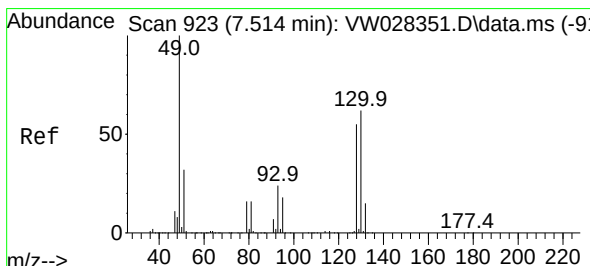
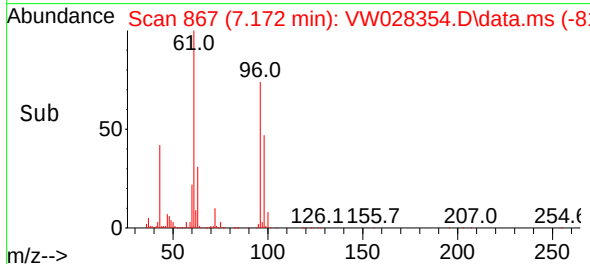
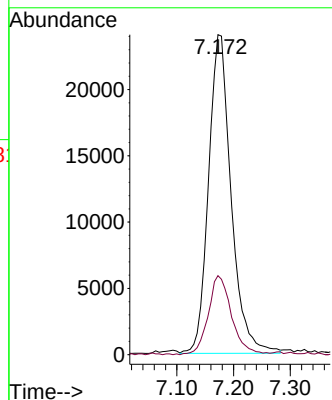
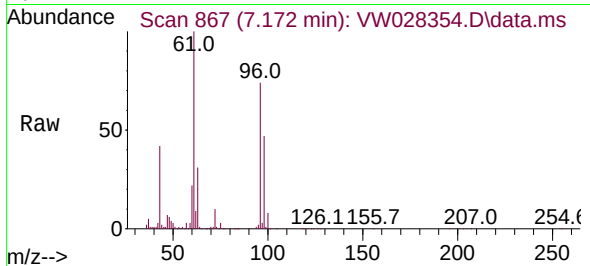




#22
2-Butanone
Concen: 49.032 ug/L
RT: 7.172 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW028354.D
Acq: 08 Apr 2024 12:57

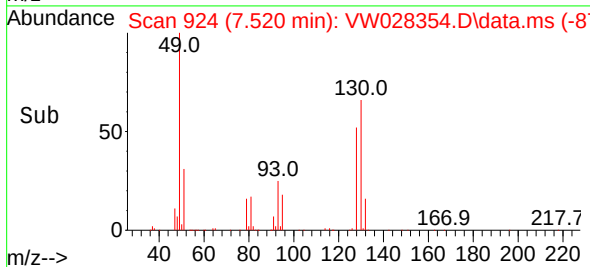
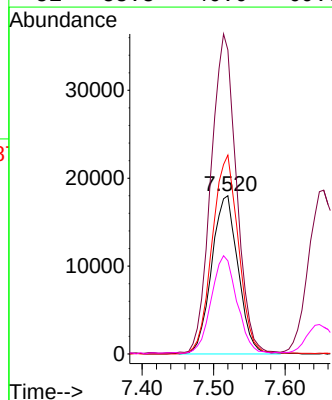
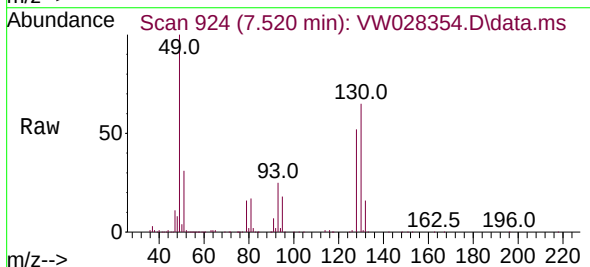
Instrument :
MSVOA_W
ClientSampleId :

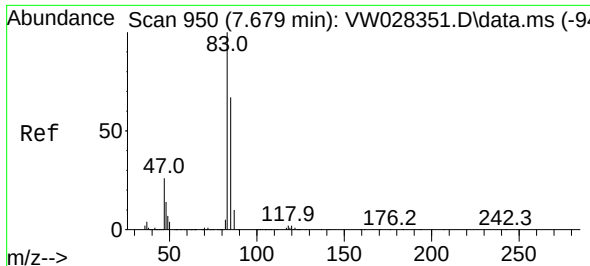
Tgt Ion: 43 Resp: 66574
Ion Ratio Lower Upper
43 100
72 25.6 12.8 38.4



#23
Bromochloromethane
Concen: 23.853 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW028354.D
Acq: 08 Apr 2024 12:57

Tgt Ion: 128 Resp: 46236
Ion Ratio Lower Upper
128 100
49 192.0 127.1 236.0
130 125.6 78.3 145.5
51 58.8 46.0 69.0

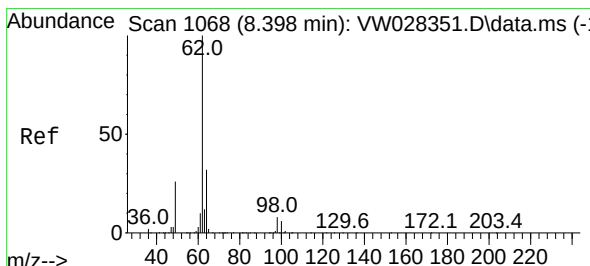
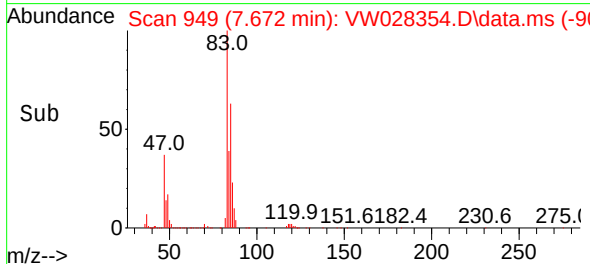
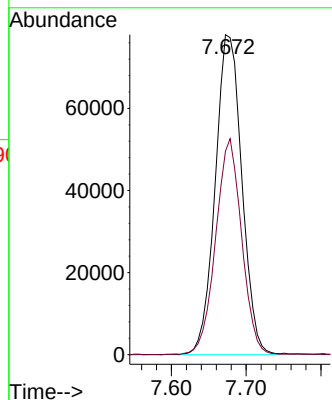
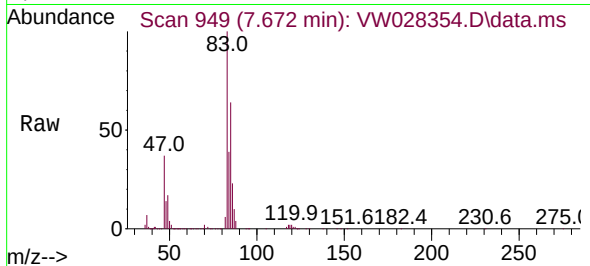




#25
Chloroform
Concen: 23.825 ug/L
RT: 7.672 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW028354.D
Acq: 08 Apr 2024 12:57

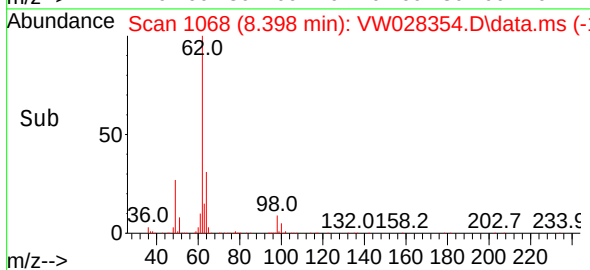
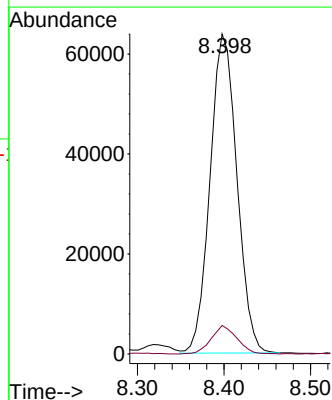
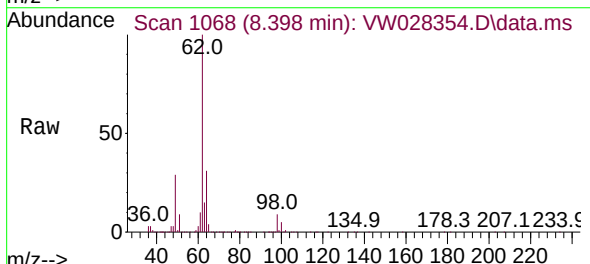
Instrument :
MSVOA_W
ClientSampleId :

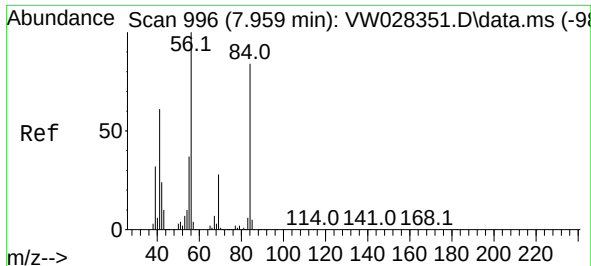
Tgt Ion: 83 Resp: 193342
Ion Ratio Lower Upper
83 100
85 63.6 47.7 88.7



#27
1,2-Dichloroethane
Concen: 24.598 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW028354.D
Acq: 08 Apr 2024 12:57

Tgt Ion: 62 Resp: 137772
Ion Ratio Lower Upper
62 100
98 8.9 6.6 10.0





#29

Cyclohexane

Concen: 23.783 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW028354.D

Acq: 08 Apr 2024 12:57

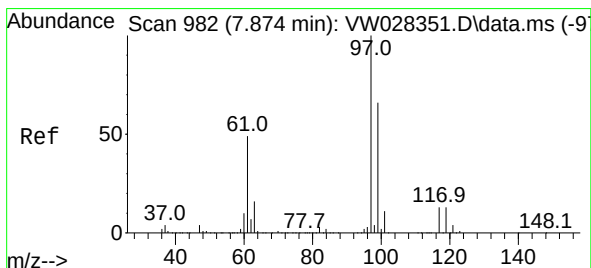
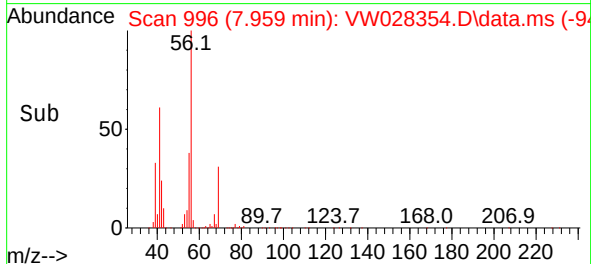
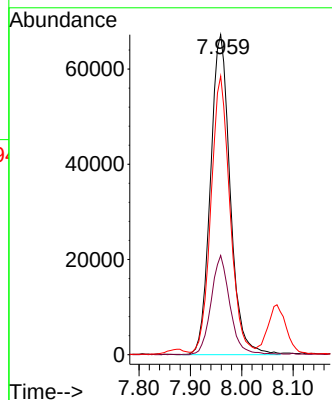
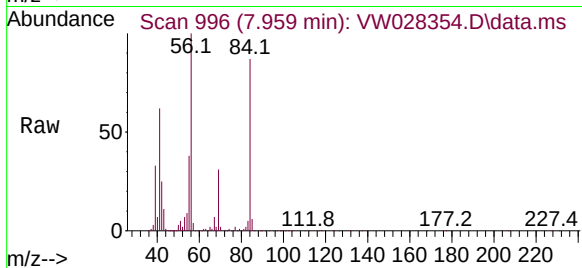
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 56 Resp: 179844

Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.8	35.6
84	83.7	65.9	98.9



#30

1,1,1-Trichloroethane

Concen: 22.959 ug/L

RT: 7.873 min Scan# 982

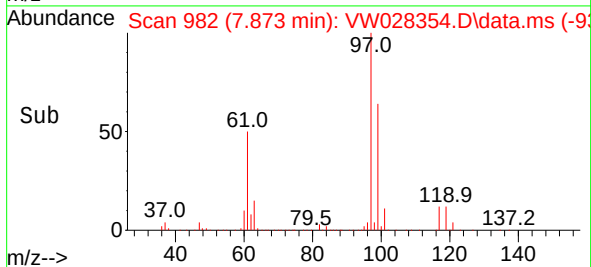
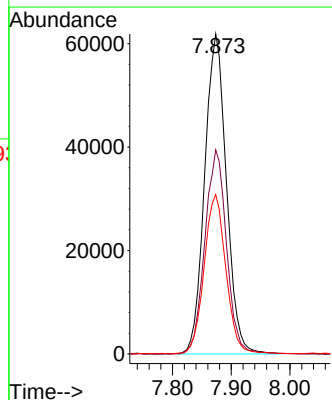
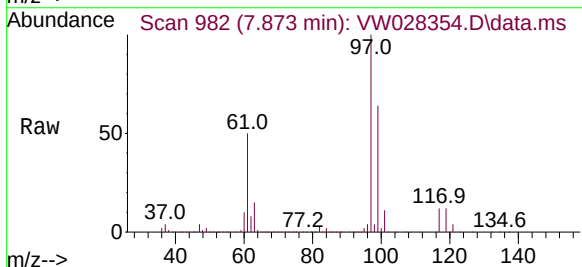
Delta R.T. -0.000 min

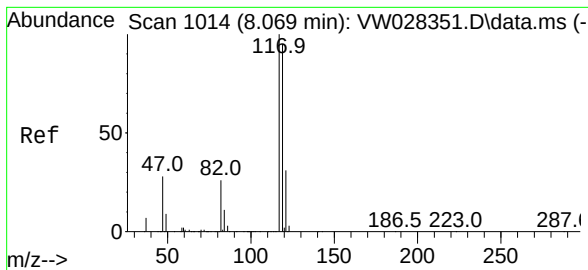
Lab File: VW028354.D

Acq: 08 Apr 2024 12:57

Tgt Ion: 97 Resp: 159404

Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.4	77.2
61	49.8	40.5	60.7

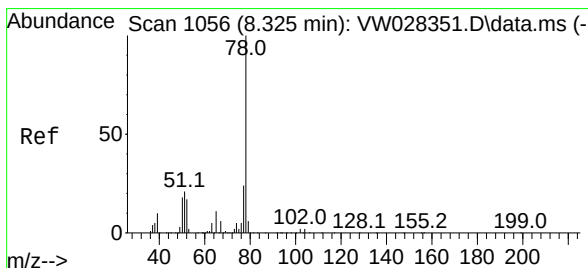
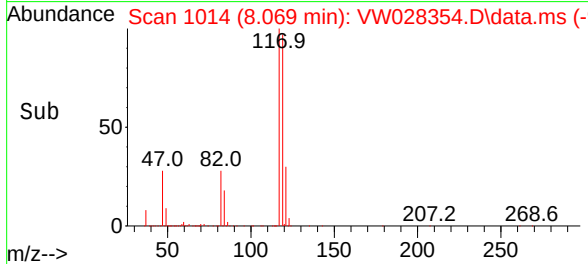
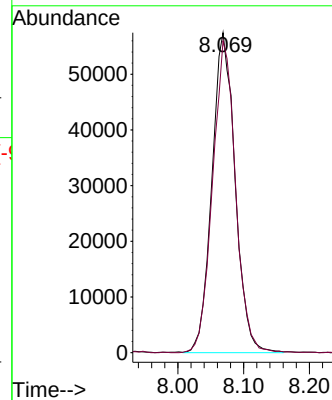
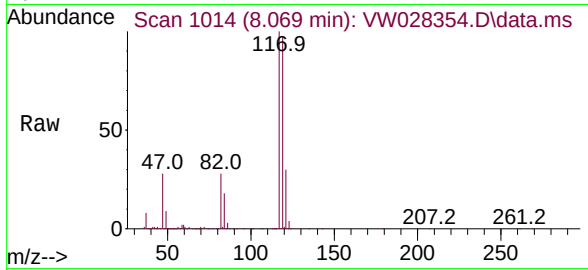




#31
Carbon tetrachloride
Concen: 22.880 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW028354.D
Acq: 08 Apr 2024 12:57

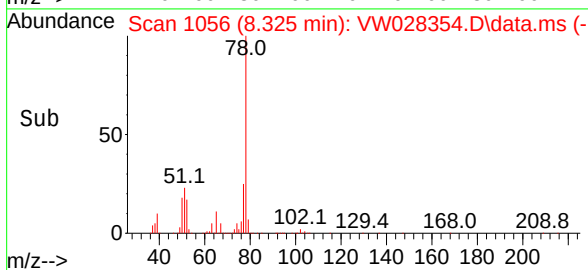
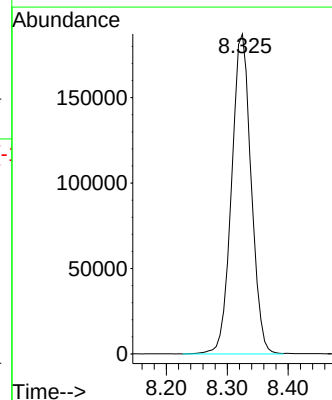
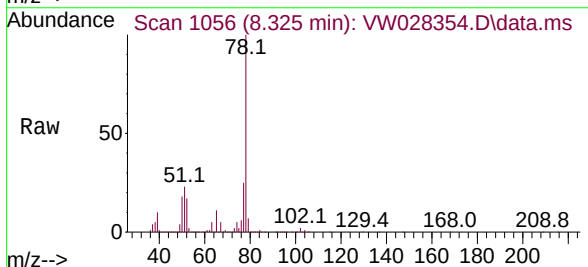
Instrument :
MSVOA_W
ClientSampleId :

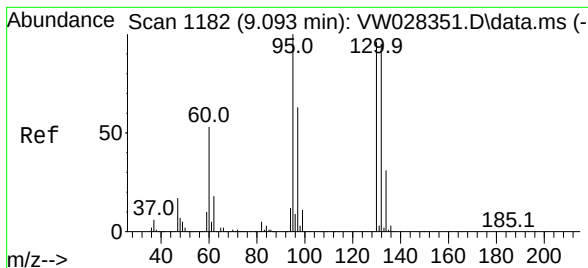
Tgt Ion:117 Resp: 140871
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.2



#33
Benzene
Concen: 23.308 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028354.D
Acq: 08 Apr 2024 12:57

Tgt Ion: 78 Resp: 417195





#34

Trichloroethene

Concen: 22.412 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

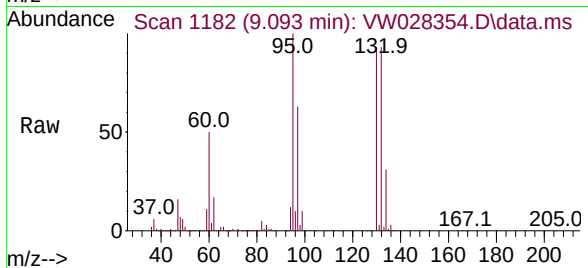
Lab File: VW028354.D

Acq: 08 Apr 2024 12:57

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 108716

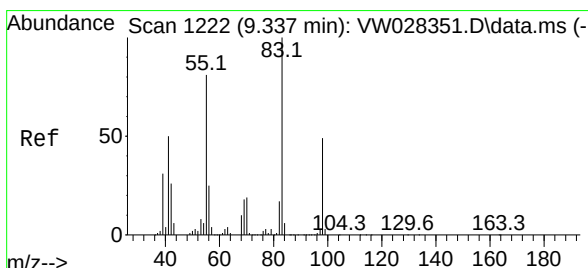
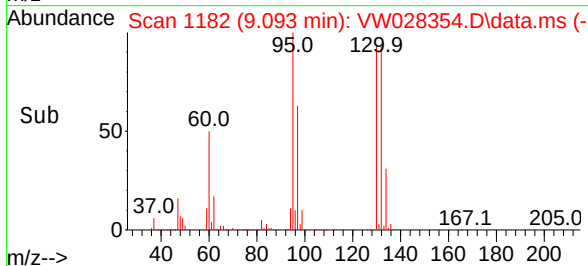
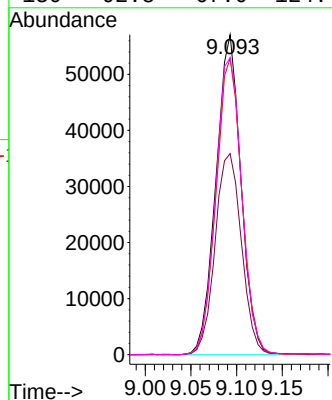
Ion Ratio Lower Upper

95 100

97 62.9 43.8 81.4

132 92.6 66.1 122.8

130 92.8 67.0 124.4



#35

Methylcyclohexane

Concen: 23.193 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028354.D

Acq: 08 Apr 2024 12:57

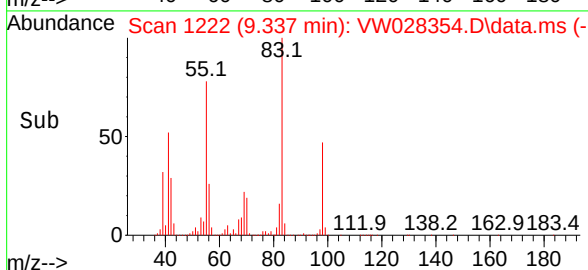
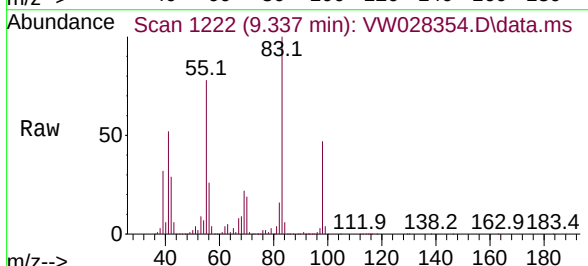
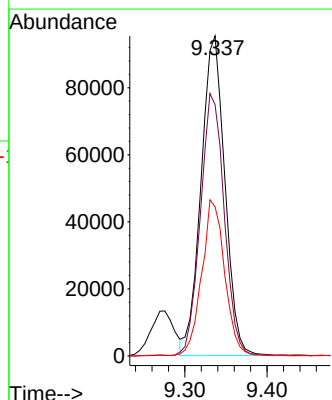
Tgt Ion: 83 Resp: 191976

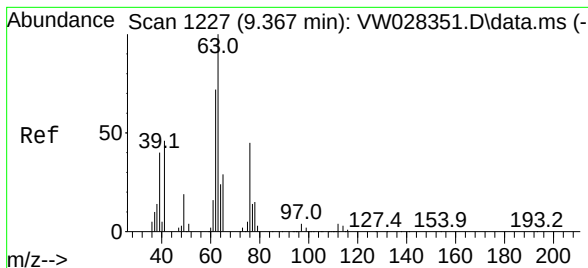
Ion Ratio Lower Upper

83 100

55 82.0 65.7 98.5

98 47.2 38.6 58.0





#37

1,2-Dichloropropane

Concen: 23.364 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028354.D

Acq: 08 Apr 2024 12:57

Instrument :

MSVOA_W

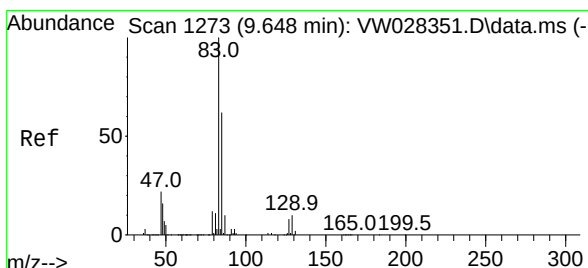
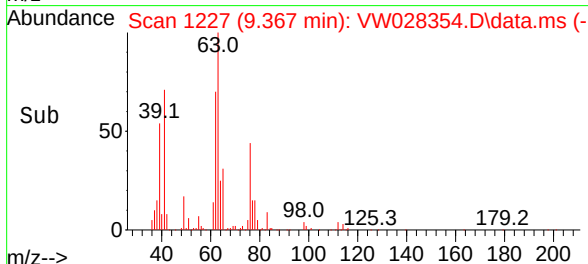
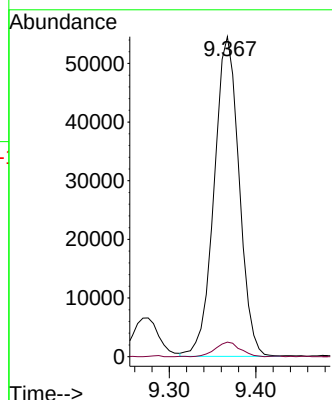
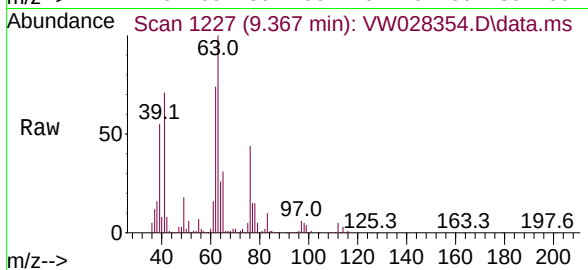
ClientSampleId :

Tgt Ion: 63 Resp: 108999

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 23.836 ug/L

RT: 9.641 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW028354.D

Acq: 08 Apr 2024 12:57

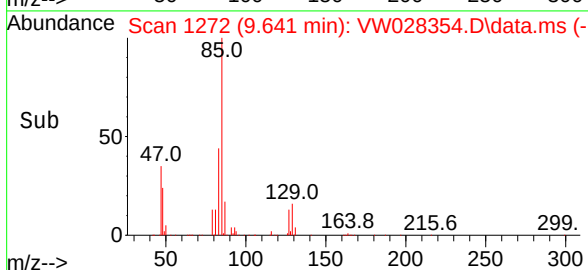
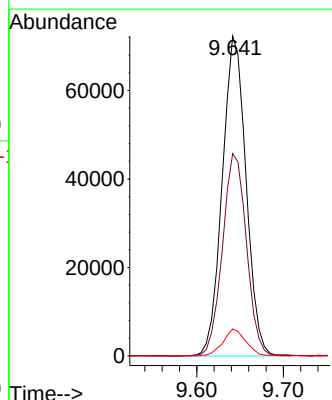
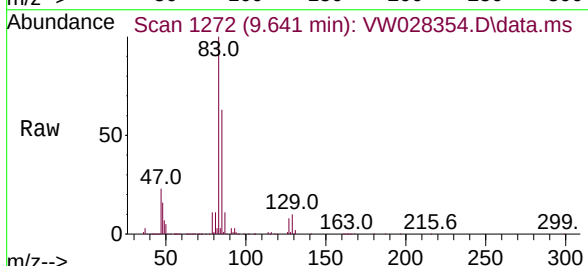
Tgt Ion: 83 Resp: 137829

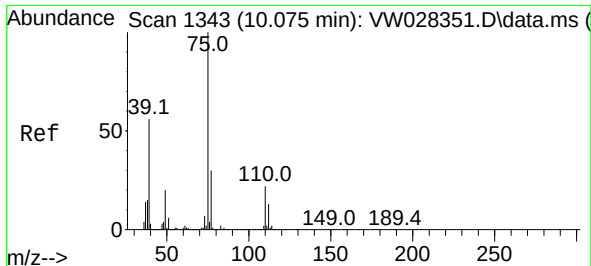
Ion Ratio Lower Upper

83 100

85 63.2 43.1 80.1

127 8.5 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 24.576 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW028354.D

Acq: 08 Apr 2024 12:57

Instrument :

MSVOA_W

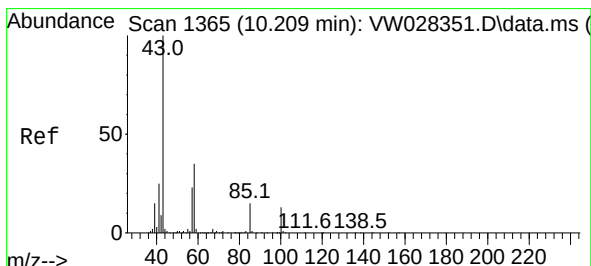
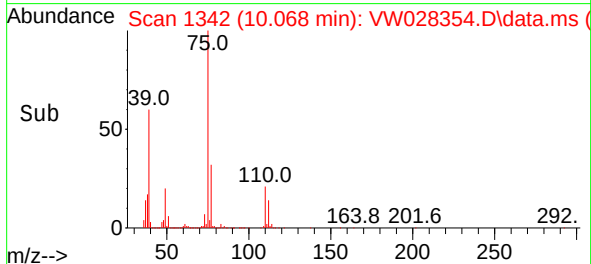
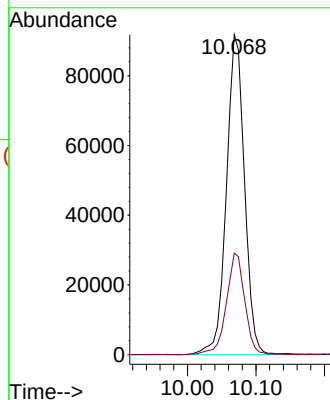
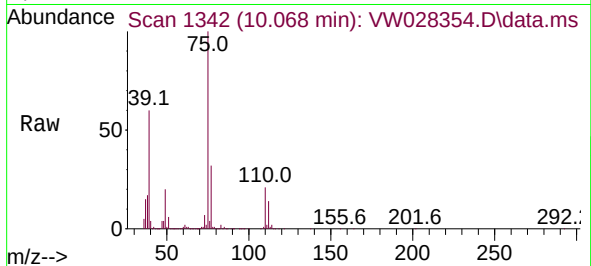
ClientSampleId :

Tgt Ion: 75 Resp: 168127

Ion Ratio Lower Upper

75 100

77 31.7 21.3 39.5



#40

4-Methyl-2-pentanone

Concen: 54.199 ug/L

RT: 10.208 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028354.D

Acq: 08 Apr 2024 12:57

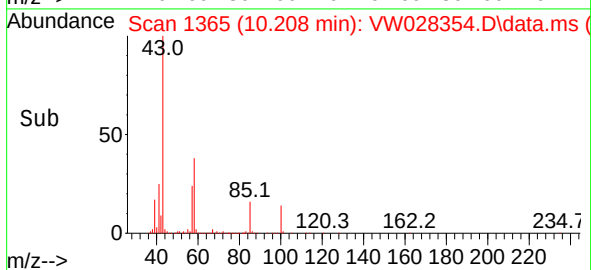
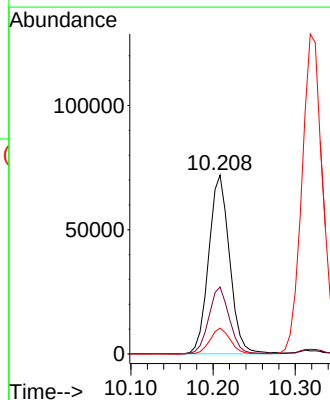
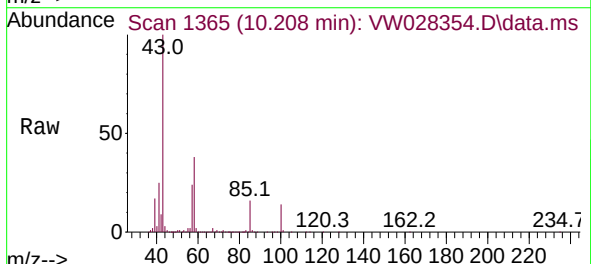
Tgt Ion: 43 Resp: 126575

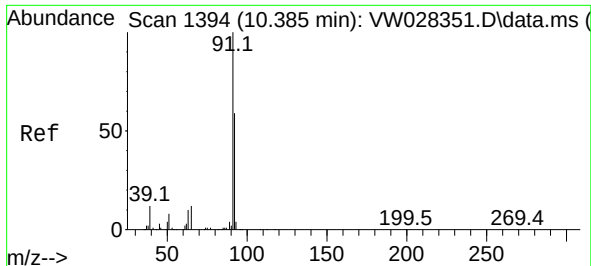
Ion Ratio Lower Upper

43 100

58 37.2 28.6 43.0

100 14.2 10.6 16.0





#42

Toluene

Concen: 23.765 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028354.D

Acq: 08 Apr 2024 12:57

Instrument :

MSVOA_W

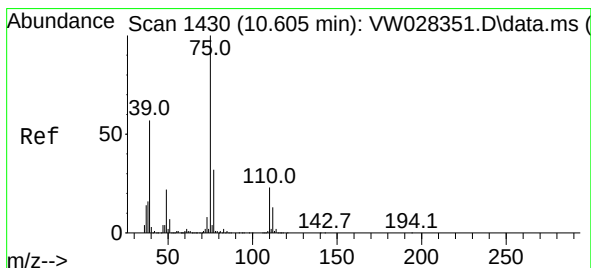
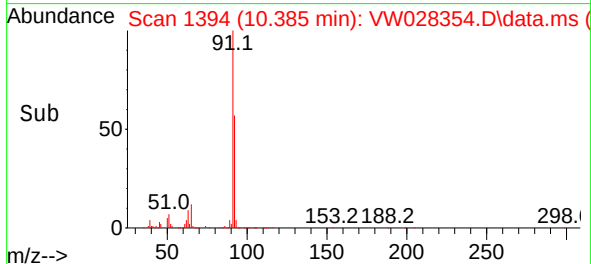
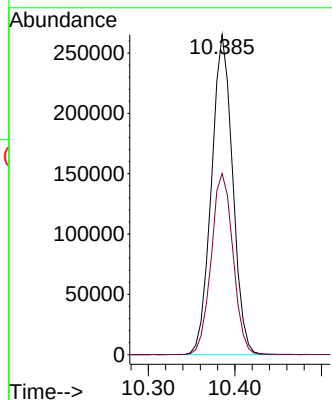
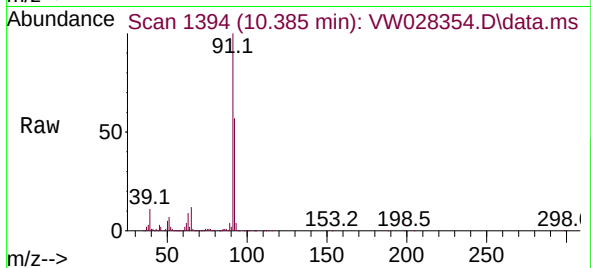
ClientSampleId :

Tgt Ion: 91 Resp: 450638

Ion Ratio Lower Upper

91 100

92 56.6 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 25.454 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028354.D

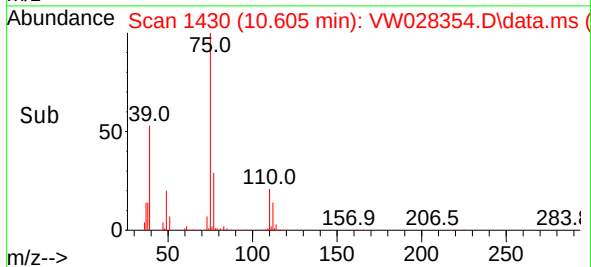
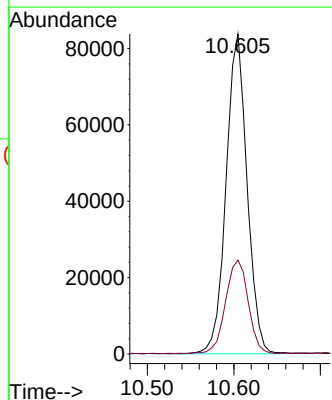
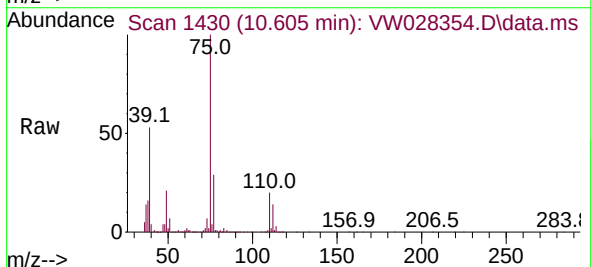
Acq: 08 Apr 2024 12:57

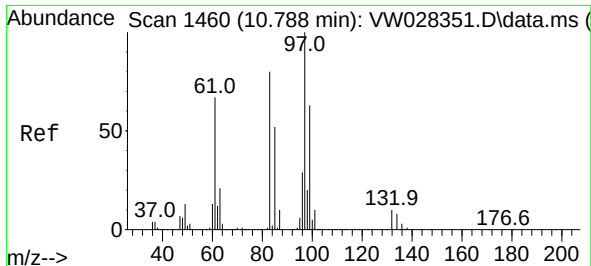
Tgt Ion: 75 Resp: 140874

Ion Ratio Lower Upper

75 100

77 29.4 22.6 42.0

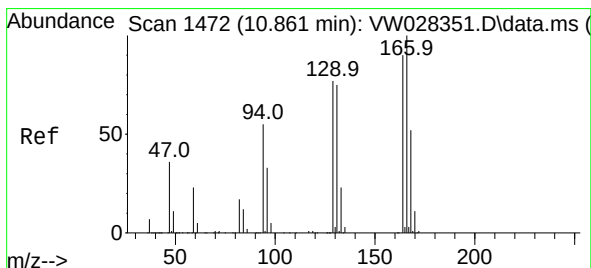
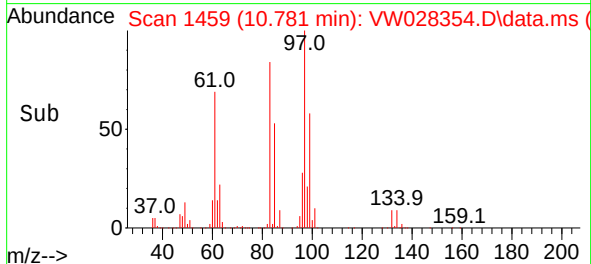
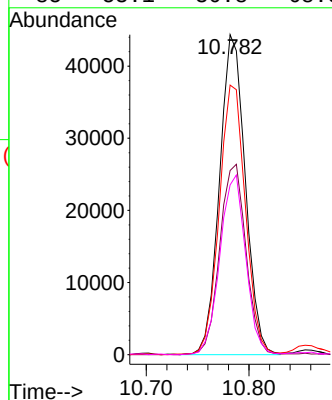
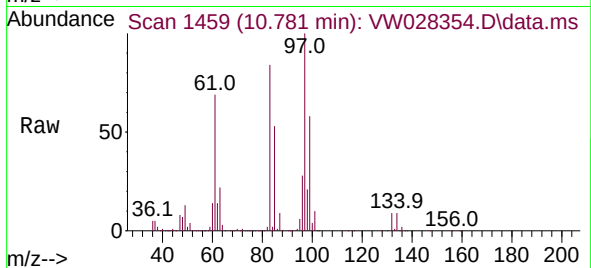




#45
1,1,2-Trichloroethane
Concen: 24.439 ug/L
RT: 10.781 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VW028354.D
Acq: 08 Apr 2024 12:57

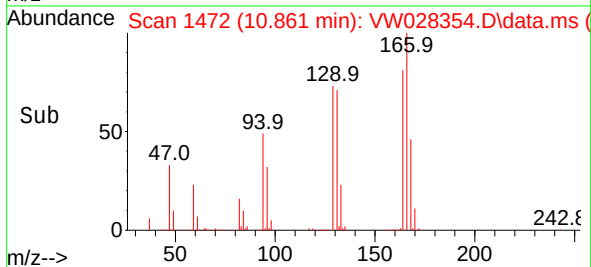
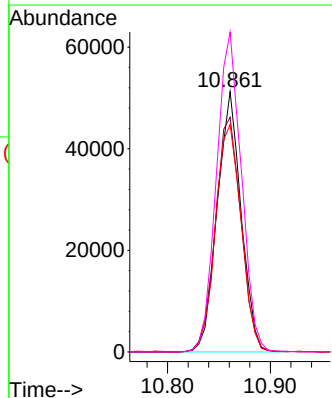
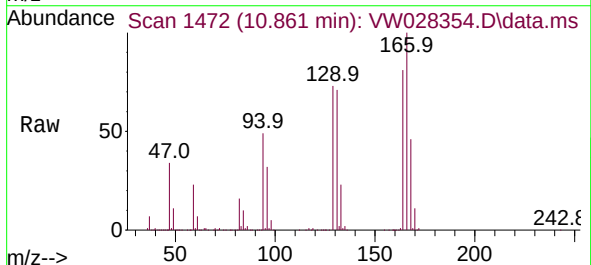
Instrument :
MSVOA_W
ClientSampleId :

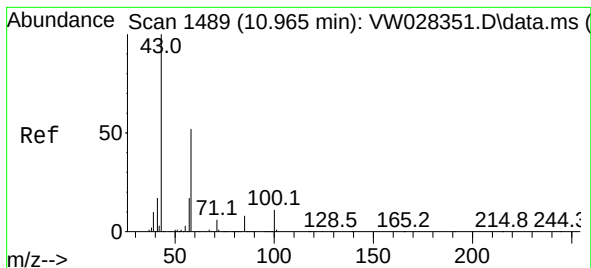
Tgt Ion: 97 Resp: 77135
Ion Ratio Lower Upper
97 100
99 57.5 44.2 82.2
83 84.2 56.4 104.7
85 53.1 36.8 68.3



#46
Tetrachloroethene
Concen: 22.801 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW028354.D
Acq: 08 Apr 2024 12:57

Tgt Ion:164 Resp: 82613
Ion Ratio Lower Upper
164 100
129 90.1 59.7 110.9
131 87.4 58.2 108.2
166 122.9 78.0 144.8





#48

2-Hexanone

Concen: 49.986 ug/L

RT: 10.964 min Scan# 1489

Delta R.T. -0.000 min

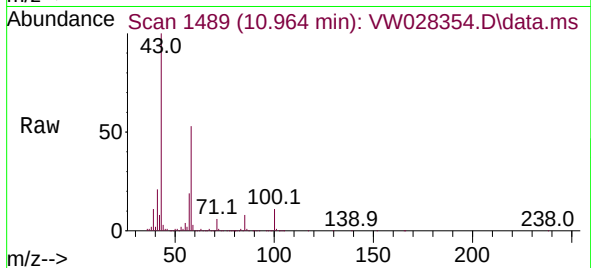
Lab File: VW028354.D

Acq: 08 Apr 2024 12:57

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 92660

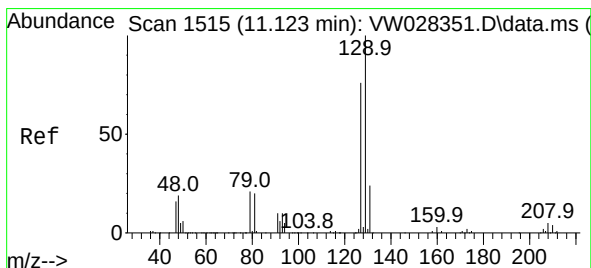
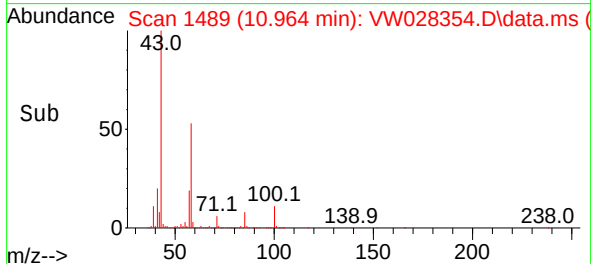
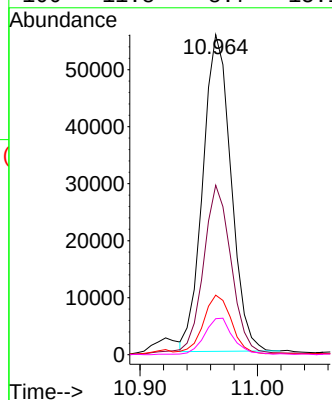
Ion Ratio Lower Upper

43 100

58 54.6 38.9 58.3

57 19.0 14.4 21.6

100 11.8 8.7 13.1



#49

Dibromochloromethane

Concen: 24.475 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW028354.D

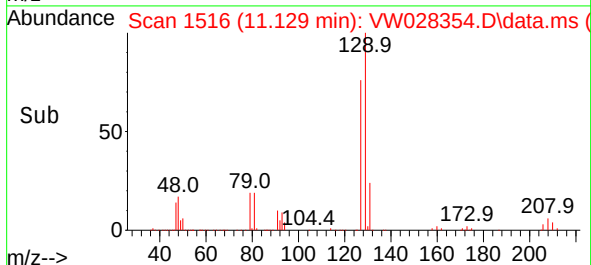
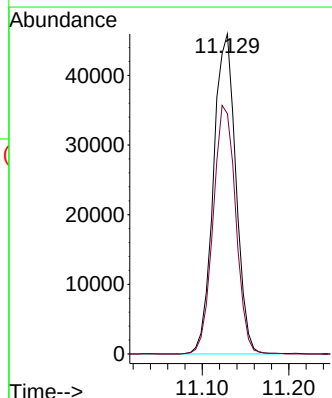
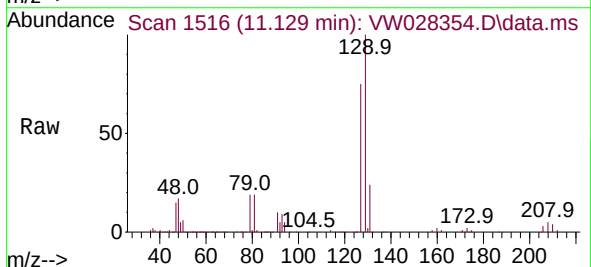
Acq: 08 Apr 2024 12:57

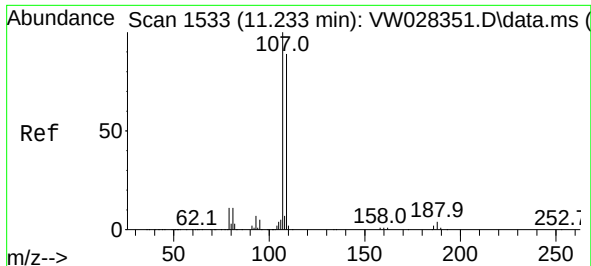
Tgt Ion:129 Resp: 82564

Ion Ratio Lower Upper

129 100

127 75.1 53.0 98.4





#50

1,2-Dibromoethane

Concen: 25.400 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW028354.D

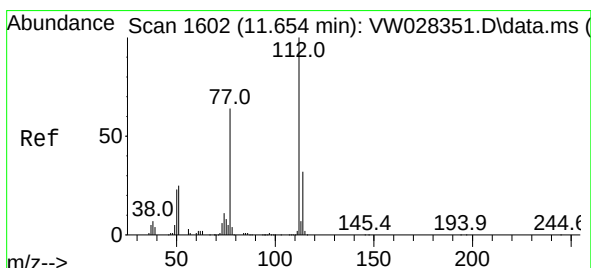
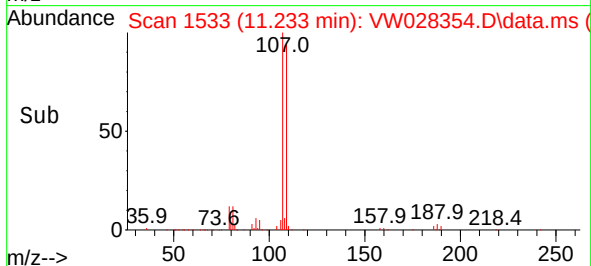
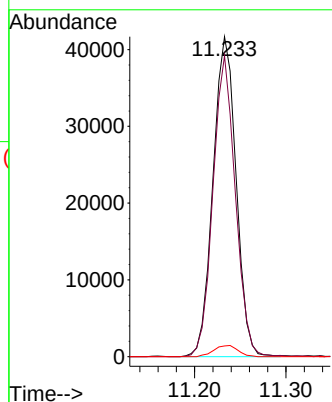
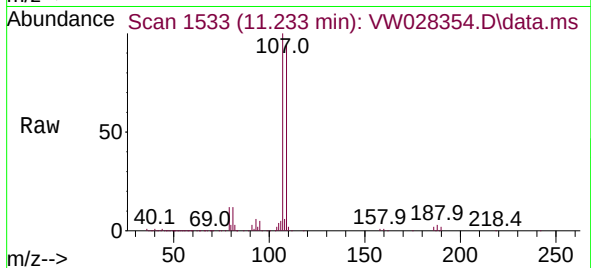
Acq: 08 Apr 2024 12:57

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	73169
Ion	Ratio	Lower	Upper
107	100		
109	94.0	62.1	115.3
188	3.4	3.2	4.8



#51

Chlorobenzene

Concen: 23.433 ug/L

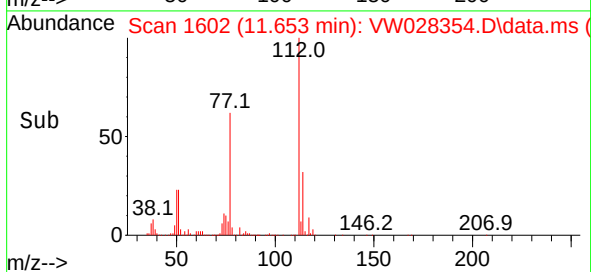
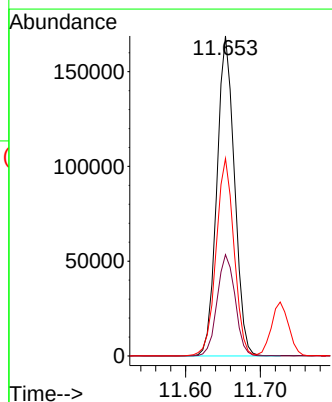
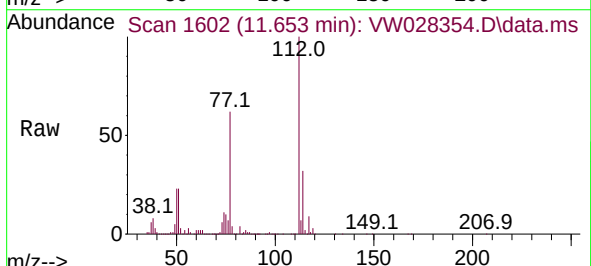
RT: 11.653 min Scan# 1602

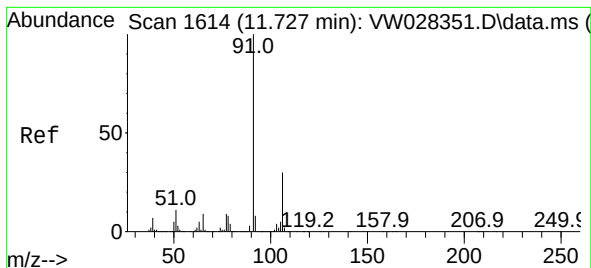
Delta R.T. -0.000 min

Lab File: VW028354.D

Acq: 08 Apr 2024 12:57

Tgt Ion:	112	Resp:	276201
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.3	41.3
77	61.7	51.8	77.8

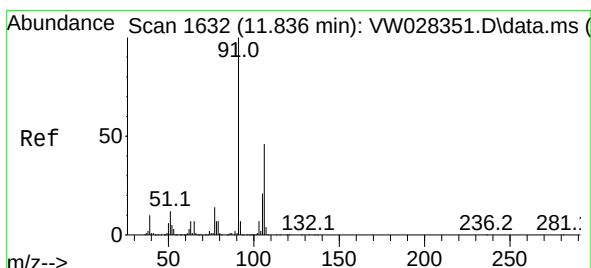
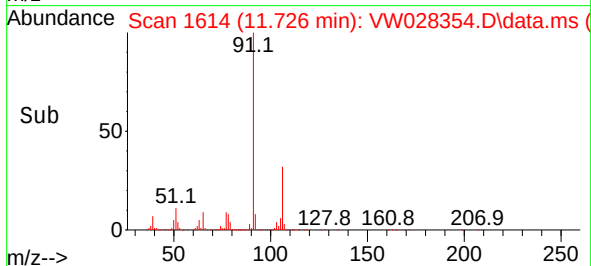
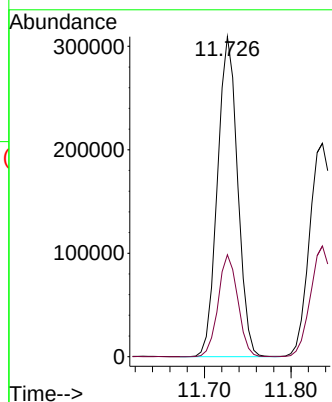
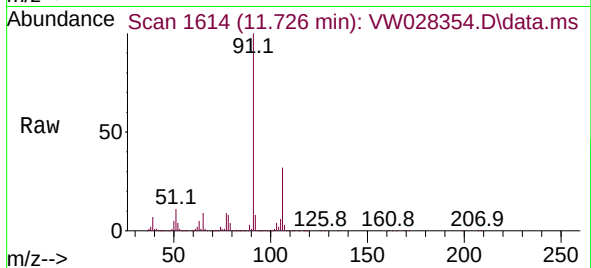




#52
Ethylbenzene
Concen: 23.247 ug/L
RT: 11.726 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW028354.D
Acq: 08 Apr 2024 12:57

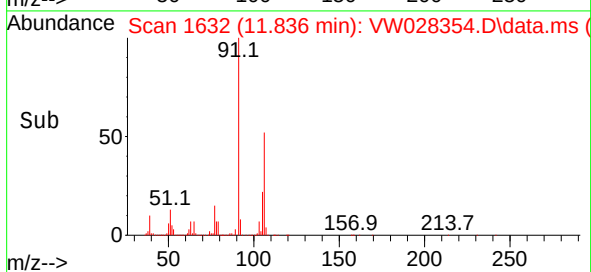
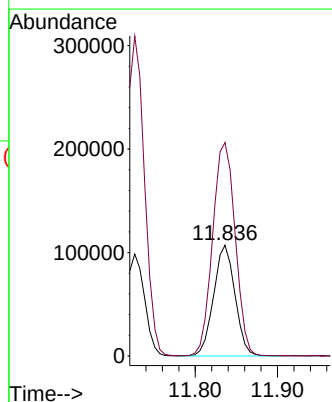
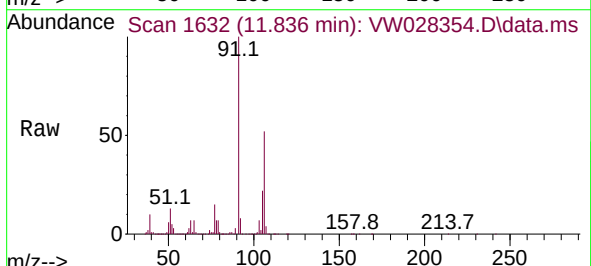
Instrument :
MSVOA_W
ClientSampleId :

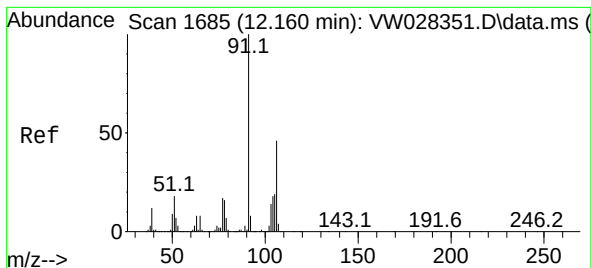
Tgt Ion: 91 Resp: 499702
Ion Ratio Lower Upper
91 100
106 31.9 21.2 39.4



#53
m,p-Xylene
Concen: 24.174 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028354.D
Acq: 08 Apr 2024 12:57

Tgt Ion:106 Resp: 193240
Ion Ratio Lower Upper
106 100
91 192.9 152.4 283.0





#54

o-Xylene

Concen: 24.605 ug/L

RT: 12.159 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028354.D

Acq: 08 Apr 2024 12:57

Instrument :

MSVOA_W

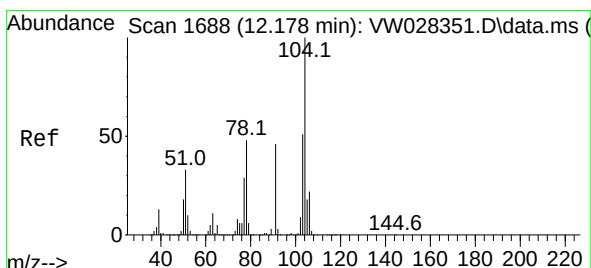
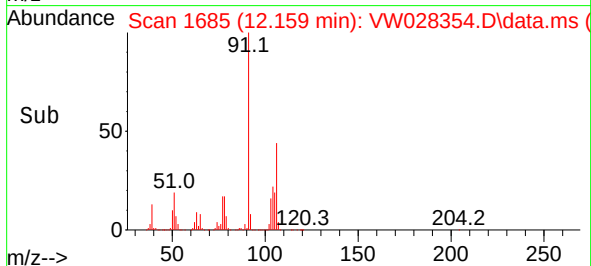
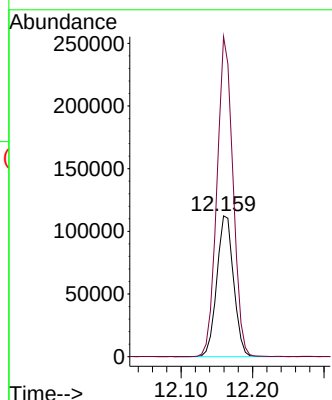
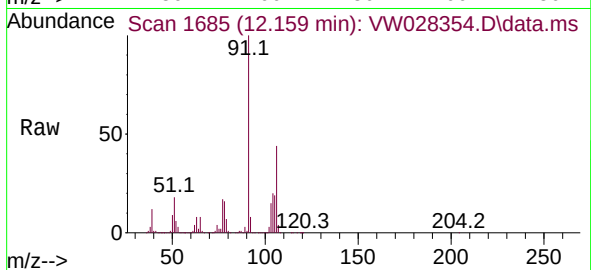
ClientSampleId :

Tgt Ion:106 Resp: 183130

Ion Ratio Lower Upper

106 100

91 227.3 152.9 283.9



#55

Styrene

Concen: 24.568 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028354.D

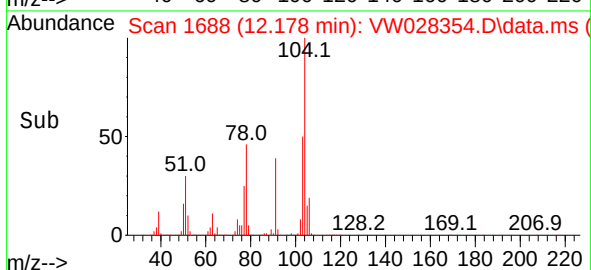
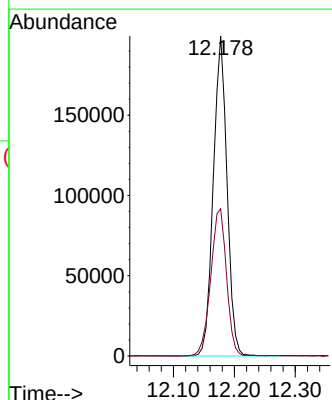
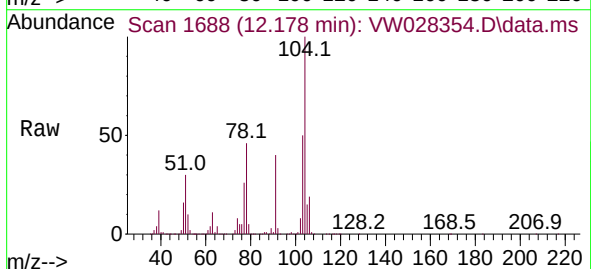
Acq: 08 Apr 2024 12:57

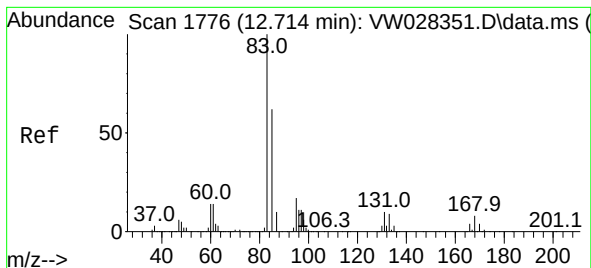
Tgt Ion:104 Resp: 311215

Ion Ratio Lower Upper

104 100

78 46.0 33.8 62.8





#57

1,1,2,2-Tetrachloroethane

Concen: 25.439 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW028354.D

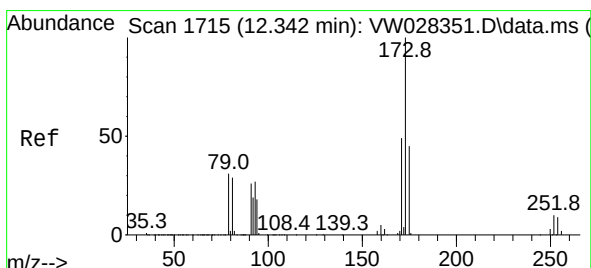
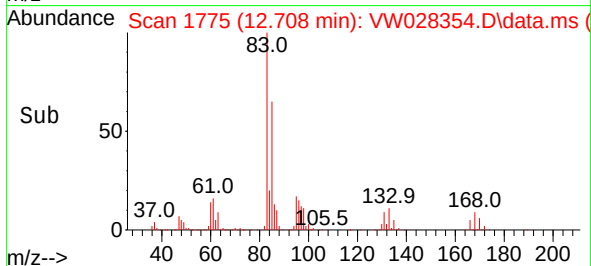
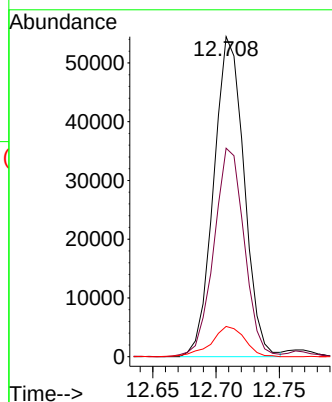
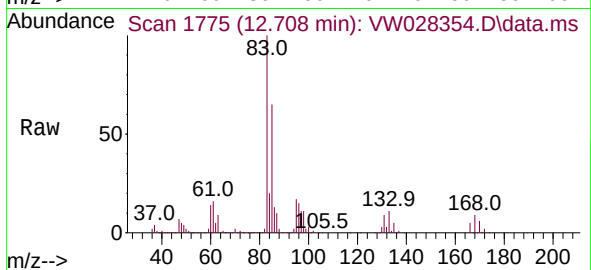
Acq: 08 Apr 2024 12:57

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 90863
Ion Ratio	Lower Upper
83 100	
85 65.1	43.4 80.6
131 9.5	8.0 12.0



#59

Bromoform

Concen: 25.147 ug/L

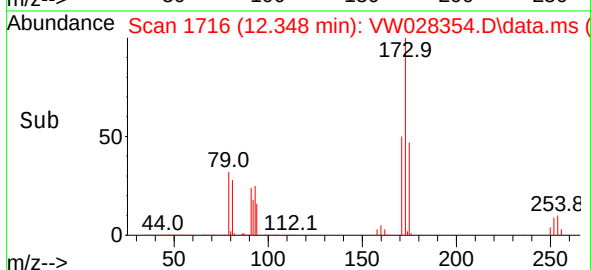
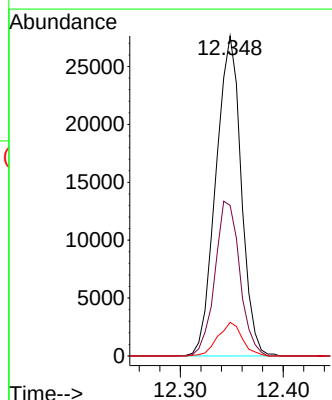
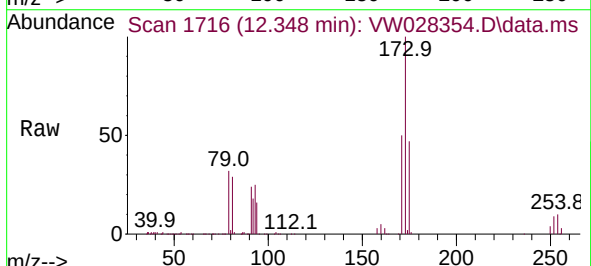
RT: 12.348 min Scan# 1716

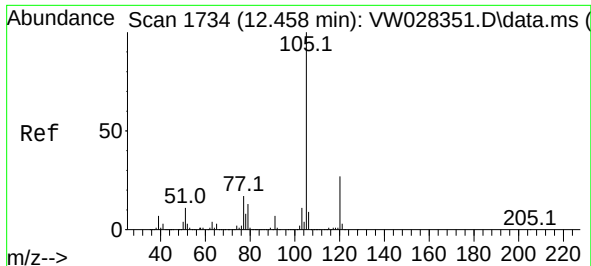
Delta R.T. 0.006 min

Lab File: VW028354.D

Acq: 08 Apr 2024 12:57

Tgt Ion: 173	Resp: 47279
Ion Ratio	Lower Upper
173 100	
175 47.4	39.2 58.8
254 10.1	8.3 12.5

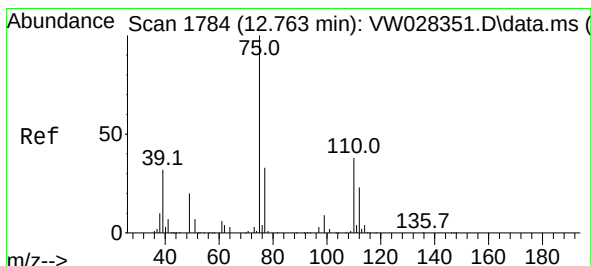
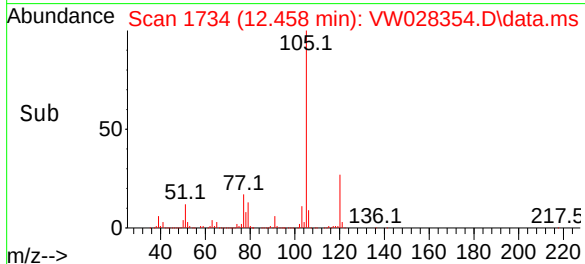
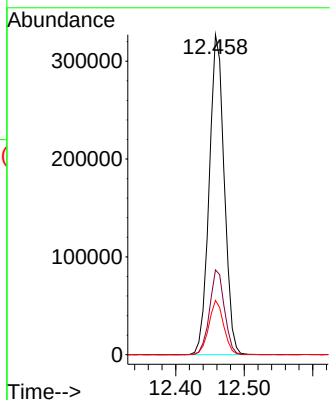
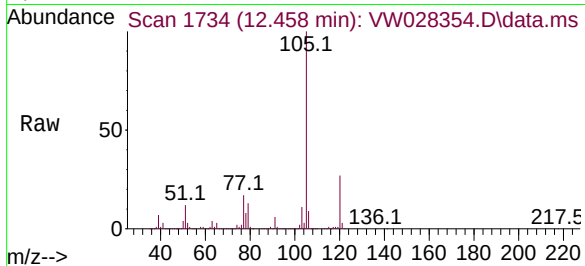




#60
Isopropylbenzene
Concen: 23.332 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW028354.D
Acq: 08 Apr 2024 12:57

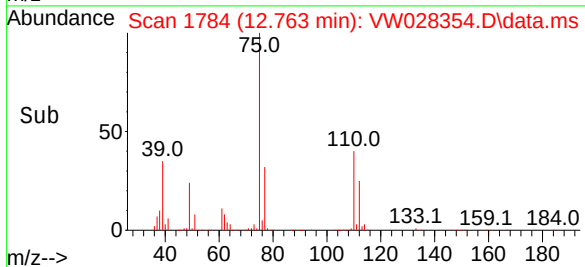
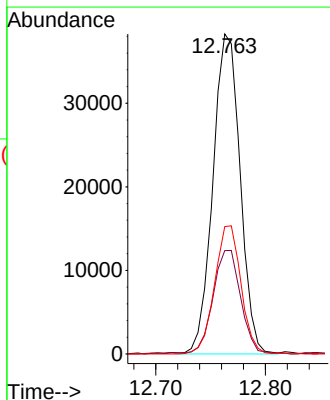
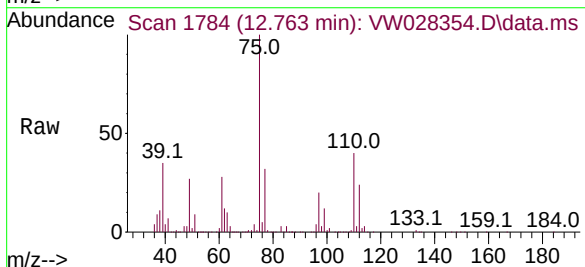
Instrument :
MSVOA_W
ClientSampleId :

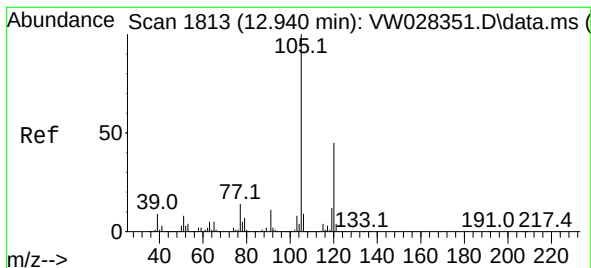
Tgt Ion:105 Resp: 498208
Ion Ratio Lower Upper
105 100
120 26.2 20.8 31.2
77 16.8 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 25.375 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW028354.D
Acq: 08 Apr 2024 12:57

Tgt Ion: 75 Resp: 66078
Ion Ratio Lower Upper
75 100
77 32.5 26.1 39.1
110 38.8 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 23.972 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW028354.D

Acq: 08 Apr 2024 12:57

Instrument :

MSVOA_W

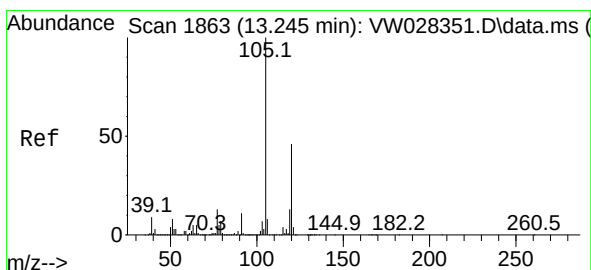
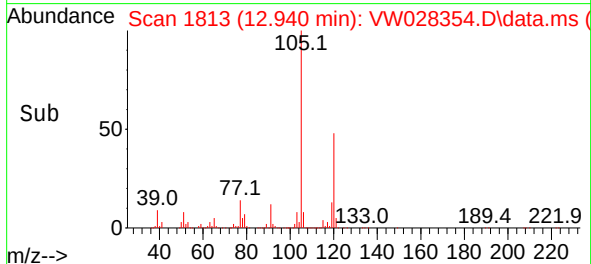
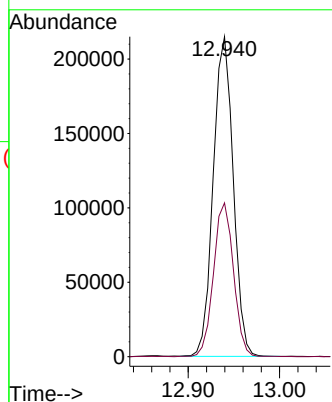
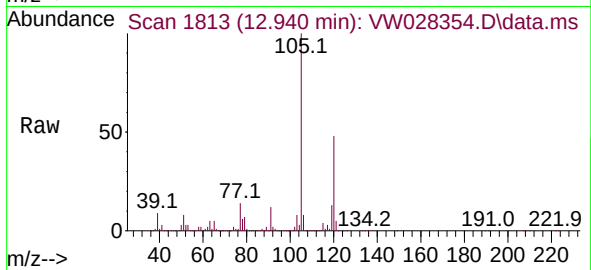
ClientSampleId :

Tgt Ion:105 Resp: 326254

Ion Ratio Lower Upper

105 100

120 48.2 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 24.593 ug/L

RT: 13.244 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW028354.D

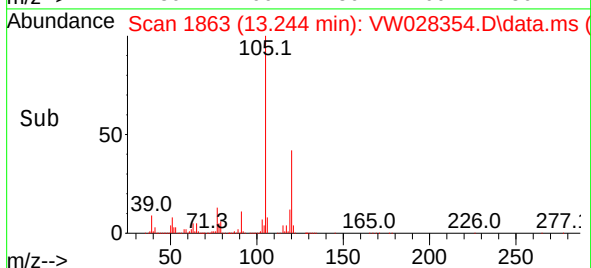
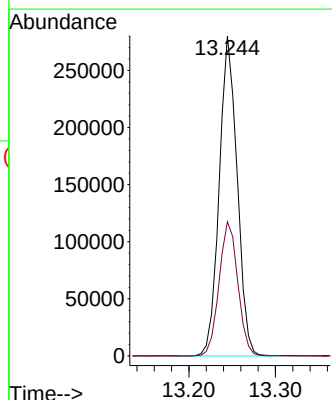
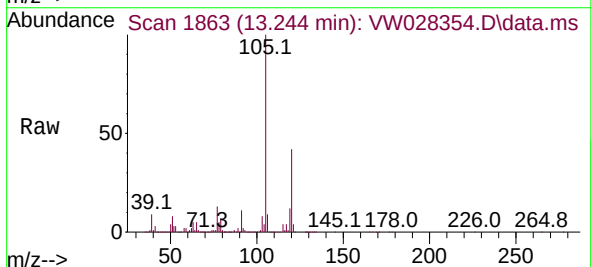
Acq: 08 Apr 2024 12:57

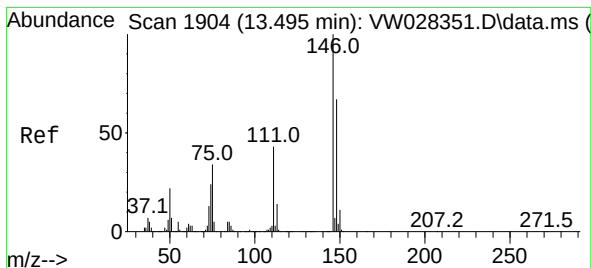
Tgt Ion:105 Resp: 402804

Ion Ratio Lower Upper

105 100

120 43.8 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 23.544 ug/L

RT: 13.494 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW028354.D

Acq: 08 Apr 2024 12:57

Instrument :

MSVOA_W

ClientSampleId :

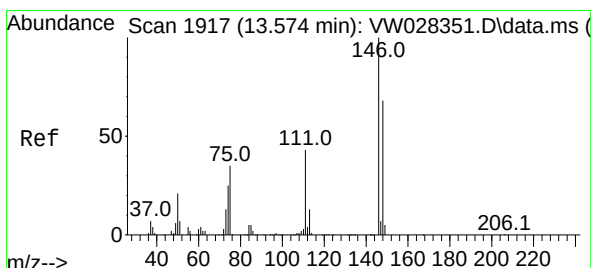
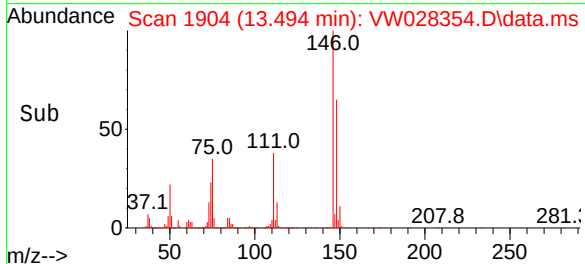
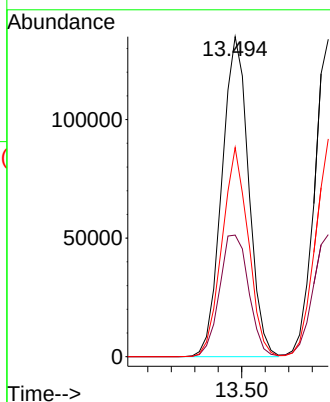
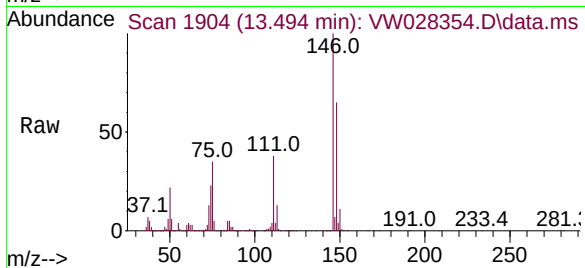
Tgt Ion:146 Resp: 213318

Ion Ratio Lower Upper

146 100

111 38.0 29.8 55.3

148 65.3 47.3 87.8



#65

1,4-Dichlorobenzene

Concen: 23.247 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW028354.D

Acq: 08 Apr 2024 12:57

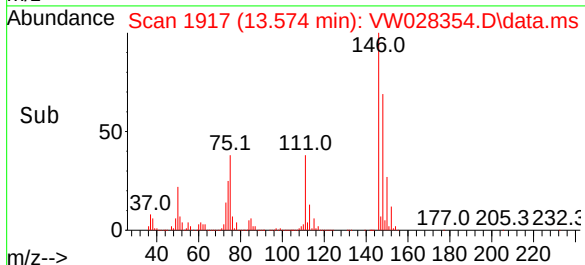
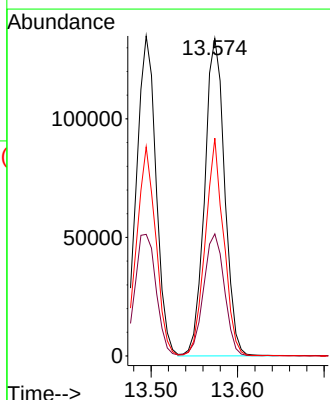
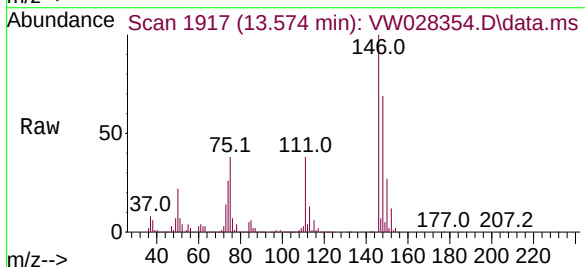
Tgt Ion:146 Resp: 214256

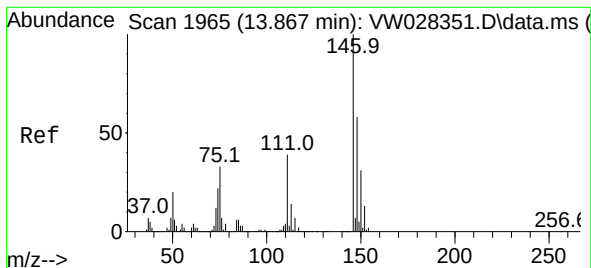
Ion Ratio Lower Upper

146 100

111 38.5 30.3 56.3

148 68.6 47.3 87.8





#67

1,2-Dichlorobenzene

Concen: 24.015 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW028354.D

Acq: 08 Apr 2024 12:57

Instrument :

MSVOA_W

ClientSampleId :

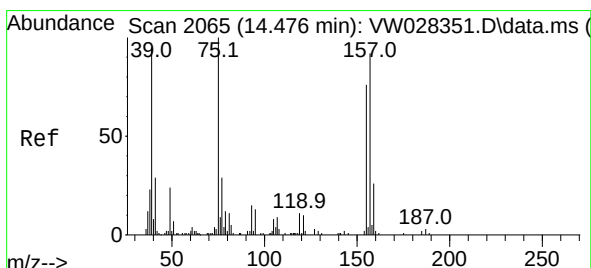
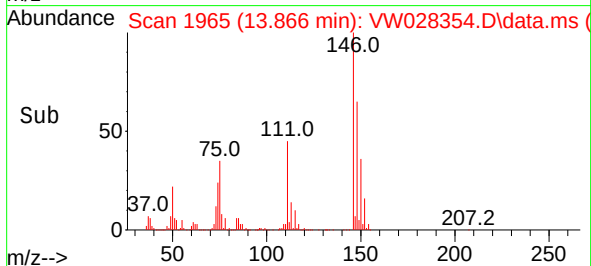
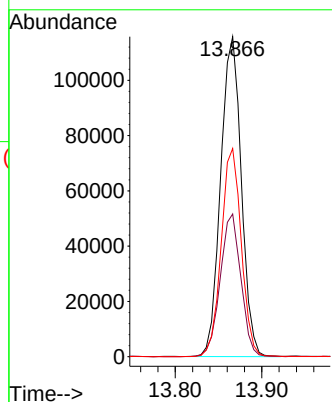
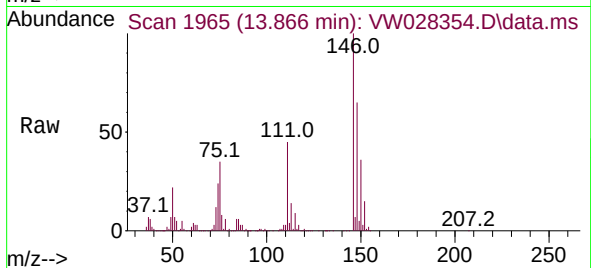
Tgt Ion:146 Resp: 191393

Ion Ratio Lower Upper

146 100

111 44.6 31.4 47.2

148 65.1 46.4 69.6



#68

1,2-Dibromo-3-chloropropane

Concen: 24.896 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028354.D

Acq: 08 Apr 2024 12:57

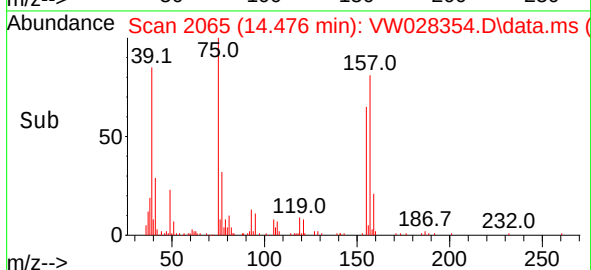
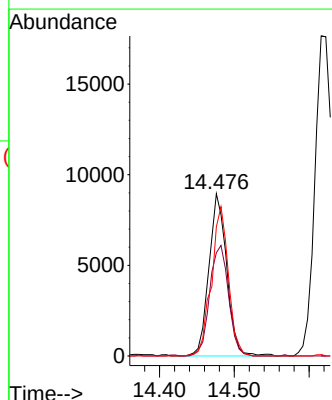
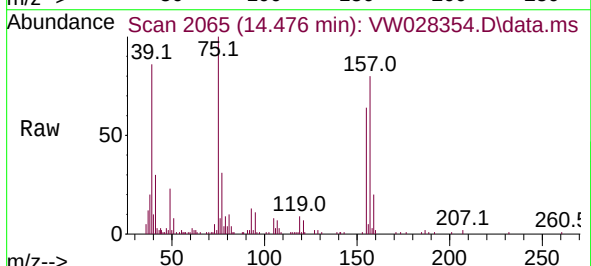
Tgt Ion: 75 Resp: 14856

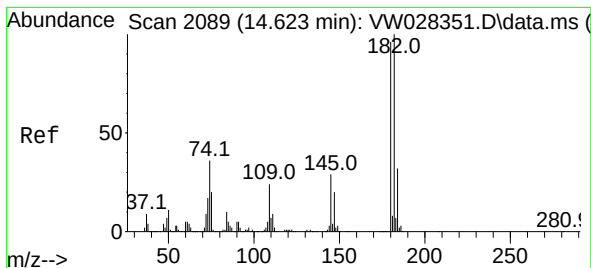
Ion Ratio Lower Upper

75 100

155 63.6 61.2 91.8

157 79.6 73.3 109.9





#69

1,3,5-Trichlorobenzene

Concen: 23.147 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

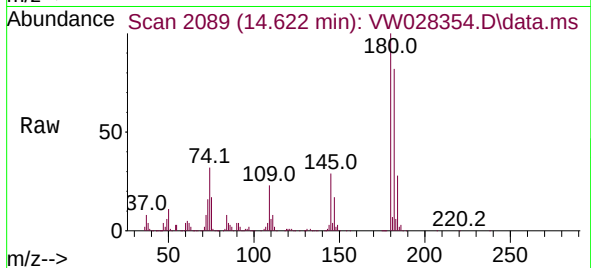
Lab File: VW028354.D

Acq: 08 Apr 2024 12:57

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 144314

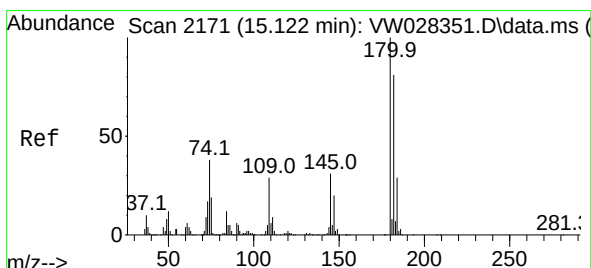
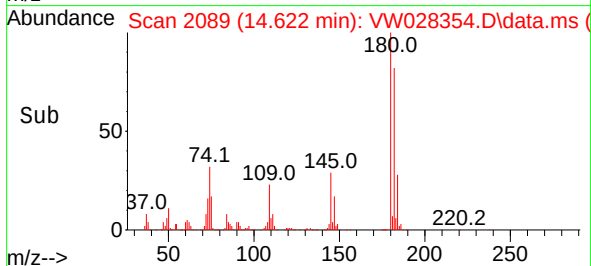
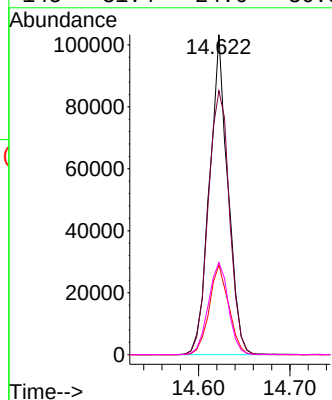
Ion Ratio Lower Upper

180 100

182 95.5 77.4 116.0

184 29.7 24.8 37.2

145 31.4 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 25.246 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028354.D

Acq: 08 Apr 2024 12:57

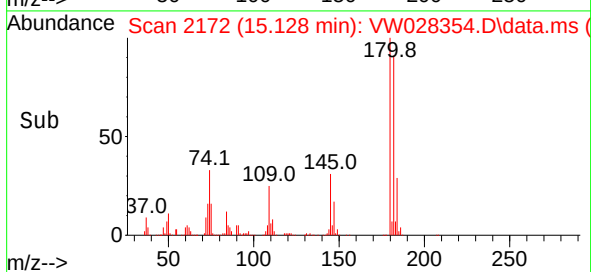
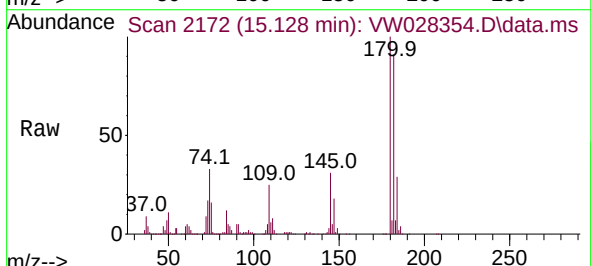
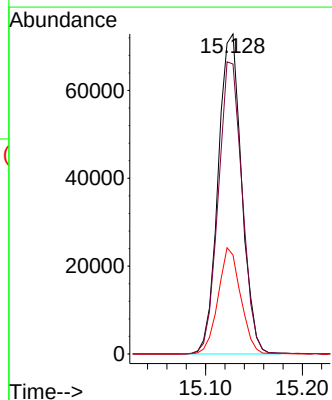
Tgt Ion:180 Resp: 122920

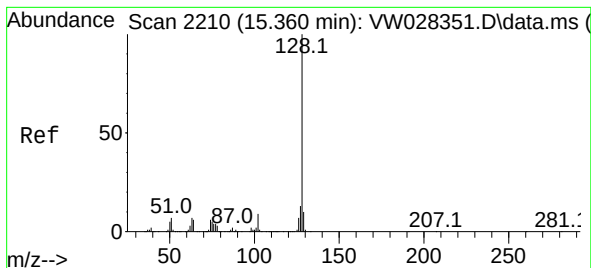
Ion Ratio Lower Upper

180 100

182 92.7 71.5 107.3

145 31.8 23.5 35.3





#71

Naphthalene

Concen: 27.558 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

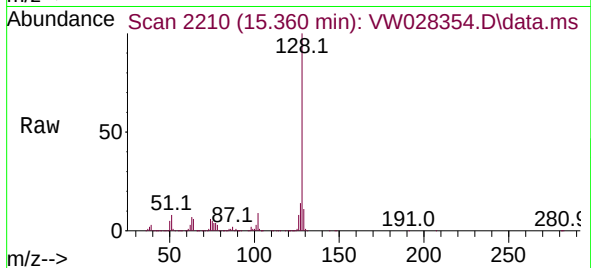
Lab File: VW028354.D

Acq: 08 Apr 2024 12:57

Instrument :

MSVOA_W

ClientSampleId :



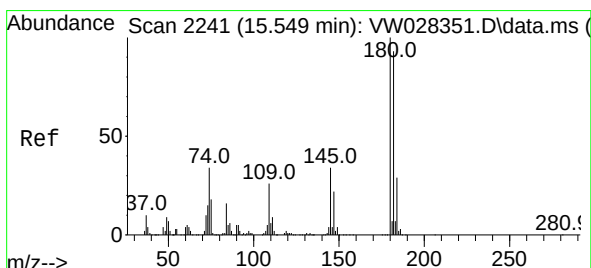
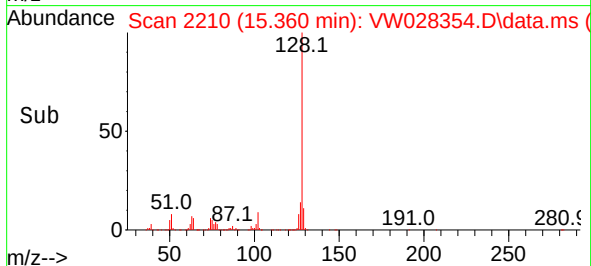
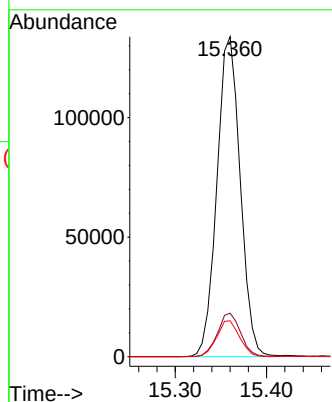
Tgt Ion:128 Resp: 237461

Ion Ratio Lower Upper

128 100

127 13.6 10.7 16.1

129 11.1 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 25.345 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW028354.D

Acq: 08 Apr 2024 12:57

Tgt Ion:180 Resp: 109504

Ion Ratio Lower Upper

180 100

182 89.6 75.7 113.5

145 32.1 26.2 39.4

