

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032124\
 Data File : VW028225.D
 Acq On : 21 Mar 2024 16:45
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 22 01:32:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 22 01:31:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	182474	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	163653	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	87997	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	47590	22.290	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.160%
7) Chloroethane-d5	2.905	69	37067	24.850	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	4.027	65	33303	24.598	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.400%
21) 2-Butanone-d5	7.081	46	36144	57.398	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.800%
24) Chloroform-d	7.648	84	153915	28.605	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.440%
26) 1,2-Dichloroethane-d4	8.306	65	83501	28.160	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.640%
32) Benzene-d6	8.276	84	287946	28.819	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.280%
36) 1,2-Dichloropropane-d6	9.276	67	83376	28.997	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.000%
41) Toluene-d8	10.318	98	266874	28.958	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.840%
43) trans-1,3-Dichloroprop...	10.574	79	37644	28.825	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	115.280%
47) 2-Hexanone-d5	10.922	63	28987	60.989	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.980%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	64517	30.375	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.520%#
66) 1,2-Dichlorobenzene-d4	13.848	152	91254	28.467	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	53030	20.034	ug/L	96
3) Chloromethane	2.222	50	38375	20.440	ug/L	96
5) Vinyl chloride	2.381	62	46887	22.093	ug/L	94
6) Bromomethane	2.795	94	28559	22.596	ug/L	94
8) Chloroethane	2.935	64	25843	22.656	ug/L	98
9) Trichlorofluoromethane	3.271	101	61145	23.830	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.081	101	60939	23.907	ug/L	97
12) 1,1-Dichloroethene	4.051	96	56644	24.039	ug/L	92
13) Acetone	4.136	43	24086	34.449	ug/L	98
14) Carbon disulfide	4.392	76	169489	23.062	ug/L	99
15) Methyl Acetate	4.673	43	25052	23.262	ug/L	100
16) Methylene chloride	4.923	84	58126	20.929	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	60182	24.033	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	94802	25.092	ug/L	100
19) 1,1-Dichloroethane	6.221	63	118480	24.439	ug/L	97
20) cis-1,2-Dichloroethene	7.172	96	65937	24.381	ug/L	96
22) 2-Butanone	7.178	43	33298	41.946	ug/L	98
23) Bromochloromethane	7.520	128	28467	23.809	ug/L	95
25) Chloroform	7.678	83	122325	24.510	ug/L	96

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 Response via : Initial Calibration

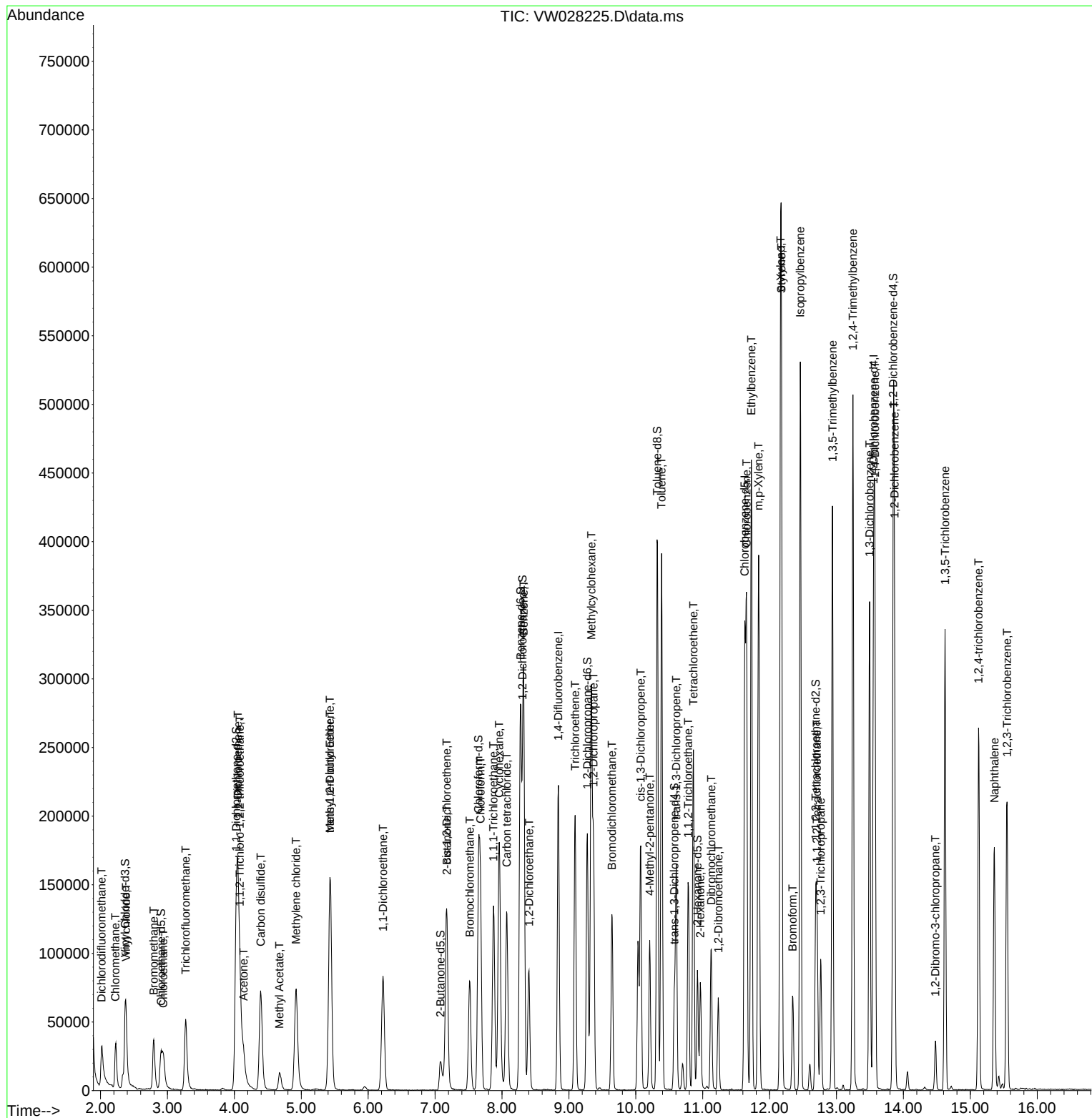
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	84262	23.908	ug/L	100
29) Cyclohexane	7.959	56	104036	24.372	ug/L	99
30) 1,1,1-Trichloroethane	7.873	97	109722	25.577	ug/L	99
31) Carbon tetrachloride	8.069	117	101914	25.327	ug/L	97
33) Benzene	8.325	78	254506	25.273	ug/L	100
34) Trichloroethene	9.093	95	69813	24.848	ug/L	97
35) Methylcyclohexane	9.337	83	115200	24.257	ug/L	99
37) 1,2-Dichloropropane	9.367	63	63887	24.803	ug/L	100
38) Bromodichloromethane	9.641	83	87485	25.191	ug/L	96
39) cis-1,3-Dichloropropene	10.074	75	104179	25.255	ug/L	99
40) 4-Methyl-2-pentanone	10.208	43	69444	48.842	ug/L	99
42) Toluene	10.385	91	277021	25.205	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	87246	25.051	ug/L	99
45) 1,1,2-Trichloroethane	10.781	97	47178	25.350	ug/L	96
46) Tetrachloroethene	10.861	164	55772	24.626	ug/L	94
48) 2-Hexanone	10.964	43	48950	43.950	ug/L	98
49) Dibromochloromethane	11.129	129	55714	25.278	ug/L	95
50) 1,2-Dibromoethane	11.233	107	43507	24.449	ug/L	98
51) Chlorobenzene	11.653	112	174934	25.076	ug/L	97
52) Ethylbenzene	11.726	91	321622	25.068	ug/L	99
53) m,p-Xylene	11.836	106	118969	24.641	ug/L	100
54) o-Xylene	12.165	106	114490	25.571	ug/L	95
55) Styrene	12.178	104	194662	25.312	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	52251	24.546	ug/L	97
59) Bromoform	12.342	173	31787	24.107	ug/L	100
60) Isopropylbenzene	12.458	105	330049	25.244	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	38921	23.175	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	220349	25.118	ug/L	100
63) 1,2,4-Trimethylbenzene	13.244	105	266746	25.182	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	140507	24.089	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	140032	24.009	ug/L	96
67) 1,2-Dichlorobenzene	13.866	146	125352	24.956	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	9185	23.282	ug/L	99
69) 1,3,5-Trichlorobenzene	14.622	180	95227	23.438	ug/L	97
70) 1,2,4-trichlorobenzene	15.122	180	81213	23.529	ug/L	97
71) Naphthalene	15.360	128	149722	25.273	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	71098	24.987	ug/L	99

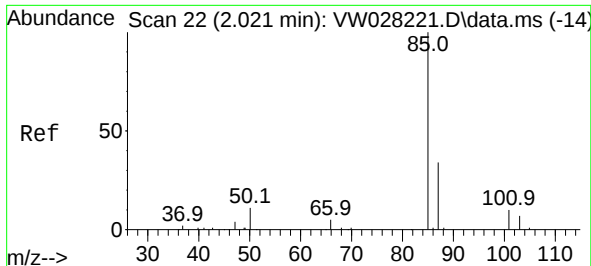
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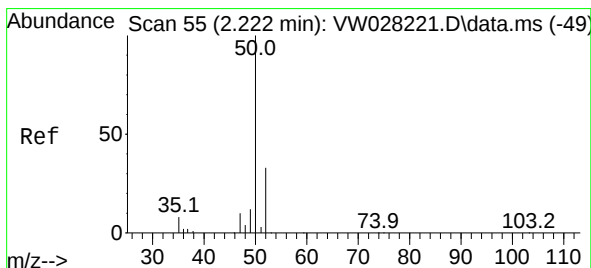
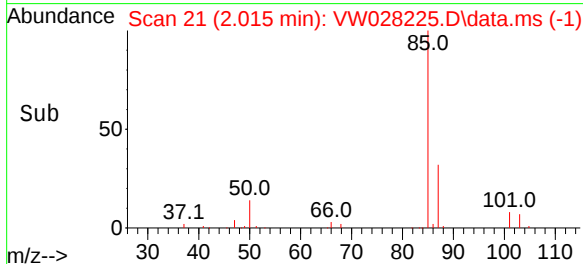
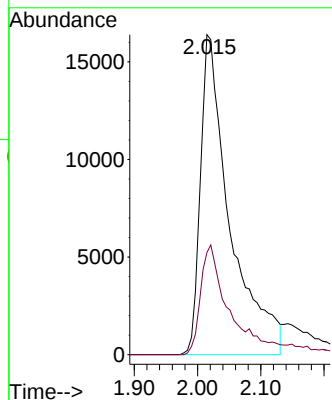
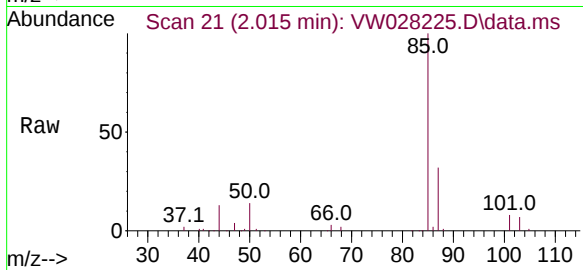




#2
 Dichlorodifluoromethane
 Concen: 20.034 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW028225.D
 Acq: 21 Mar 2024 16:45

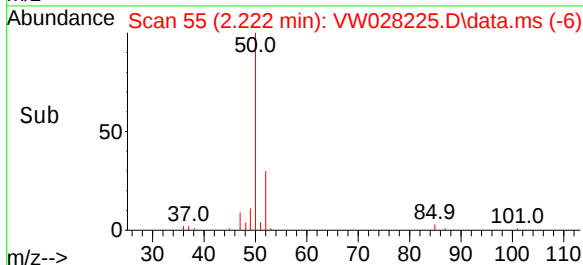
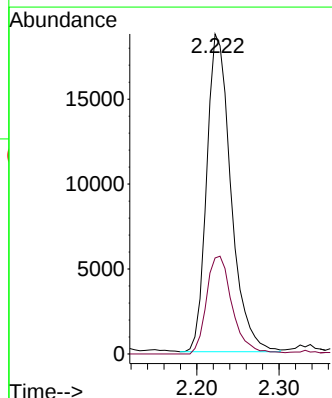
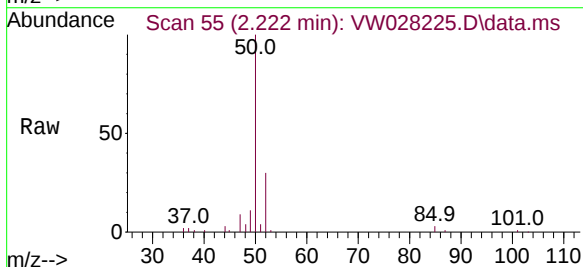
Instrument :
 MSVOA_W
 ClientSampleId :

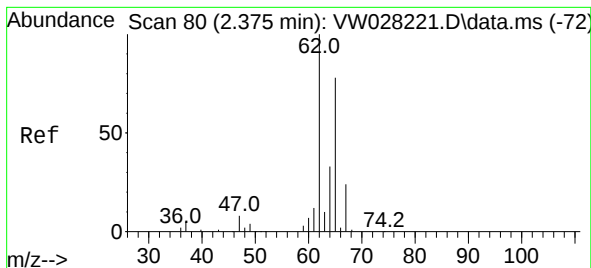
Tgt Ion: 85 Resp: 53030
 Ion Ratio Lower Upper
 85 100
 87 28.4 20.9 31.3



#3
 Chloromethane
 Concen: 20.440 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW028225.D
 Acq: 21 Mar 2024 16:45

Tgt Ion: 50 Resp: 38375
 Ion Ratio Lower Upper
 50 100
 52 30.0 22.7 42.1





#5

Vinyl chloride

Concen: 22.093 ug/L

RT: 2.381 min Scan# 81

Delta R.T. 0.006 min

Lab File: VW028225.D

Acq: 21 Mar 2024 16:45

Instrument :

MSVOA_W

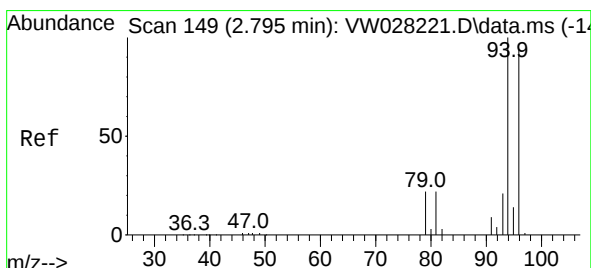
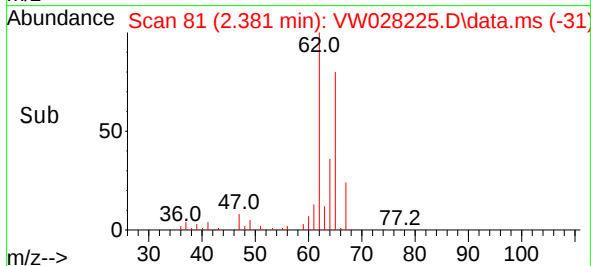
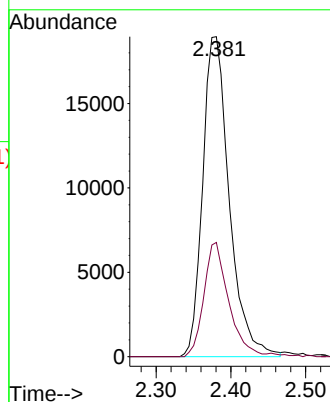
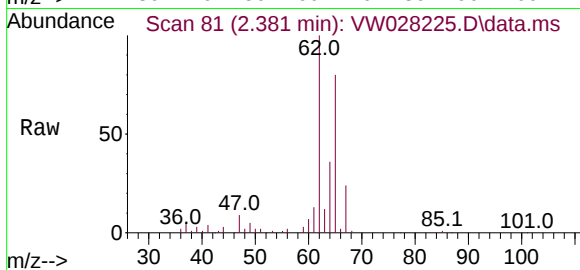
ClientSampleId :

Tgt Ion: 62 Resp: 46887

Ion Ratio Lower Upper

62 100

64 35.7 22.5 41.7



#6

Bromomethane

Concen: 22.596 ug/L

RT: 2.795 min Scan# 149

Delta R.T. -0.000 min

Lab File: VW028225.D

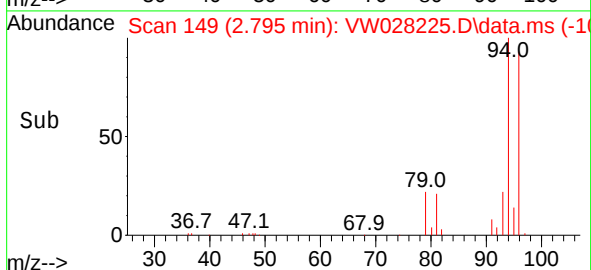
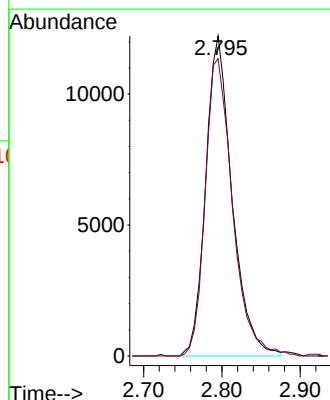
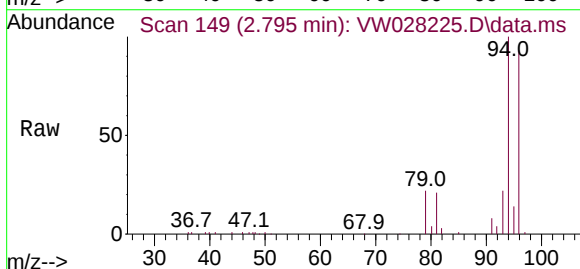
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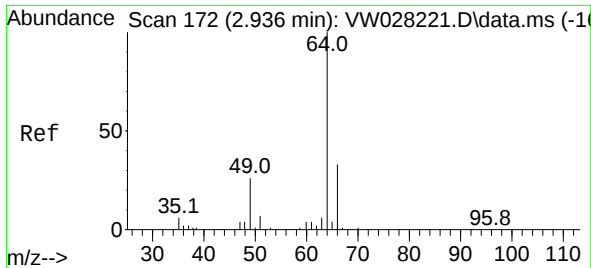
Tgt Ion: 94 Resp: 28559

Ion Ratio Lower Upper

94 100

96 92.9 60.8 113.0

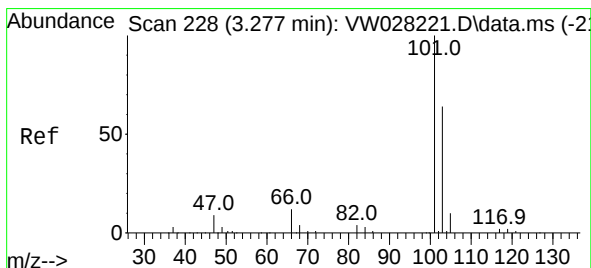
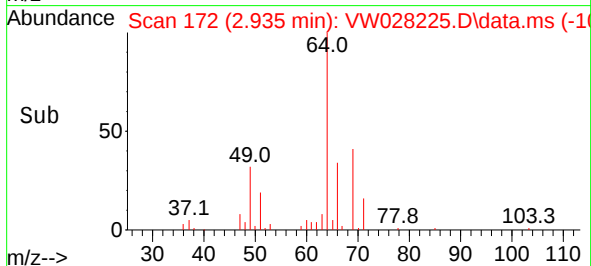
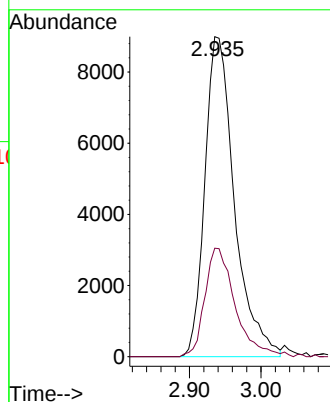
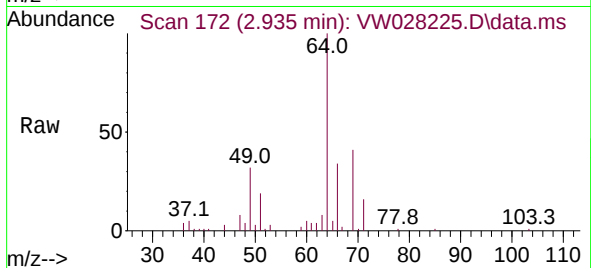




#8
Chloroethane
Concen: 22.656 ug/L
RT: 2.935 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028225.D
Acq: 21 Mar 2024 16:45

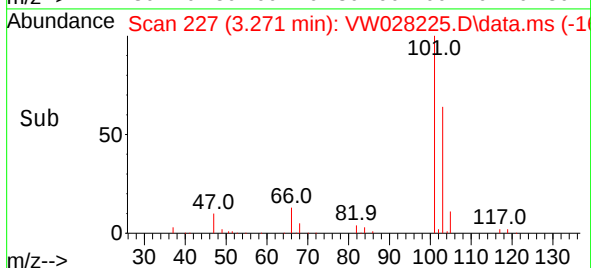
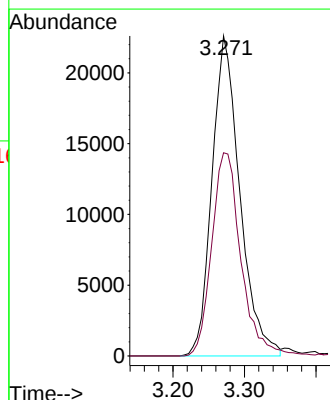
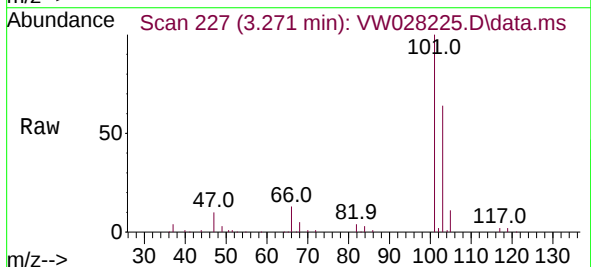
Instrument :
MSVOA_W
ClientSampleId :

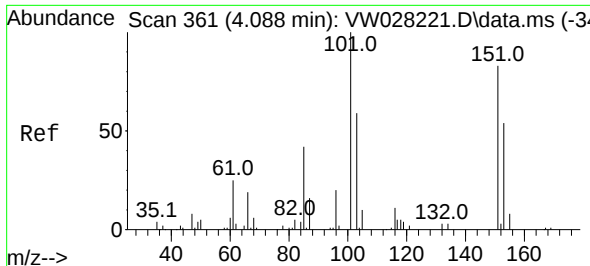
Tgt Ion: 64 Resp: 25843
Ion Ratio Lower Upper
64 100
66 33.9 22.9 42.5



#9
Trichlorofluoromethane
Concen: 23.830 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.006 min
Lab File: VW028225.D
Acq: 21 Mar 2024 16:45

Tgt Ion:101 Resp: 61145
Ion Ratio Lower Upper
101 100
103 66.6 50.9 76.3





#10

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

Concen: 23.907 ug/L

RT: 4.081 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW028225.D

Acq: 21 Mar 2024 16:45

Instrument :

MSVOA_W

ClientSampleId :

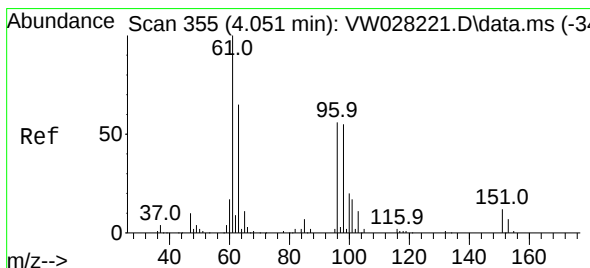
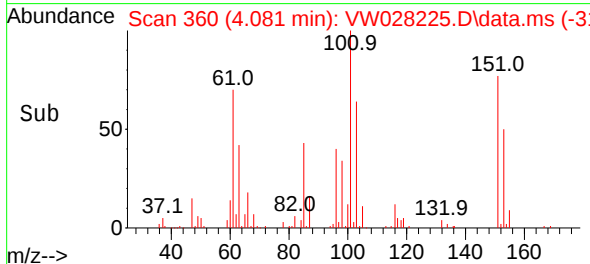
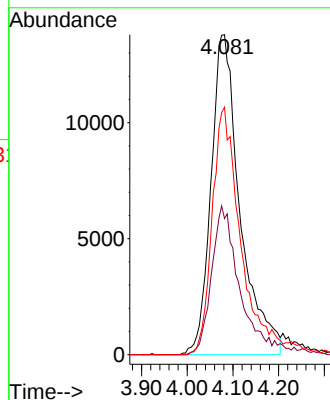
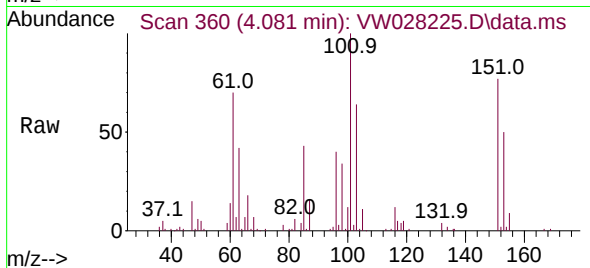
Tgt Ion:101 Resp: 60939

Ion Ratio Lower Upper

101 100

85 41.1 36.4 54.6

151 72.8 58.4 87.6



#12

1,1-Dichloroethene

Concen: 24.039 ug/L

RT: 4.051 min Scan# 355

Delta R.T. -0.000 min

Lab File: VW028225.D

Acq: 21 Mar 2024 16:45

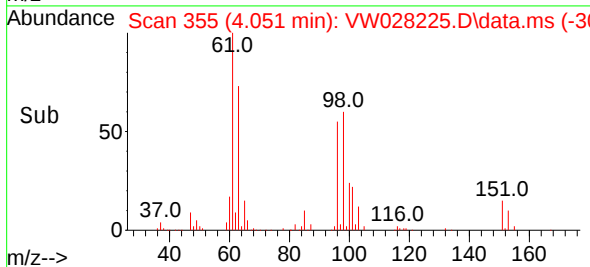
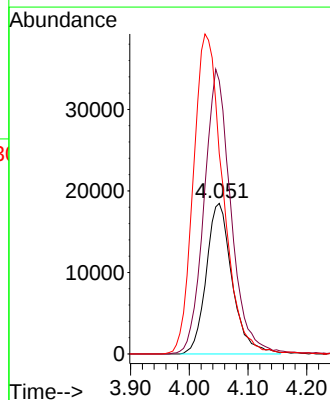
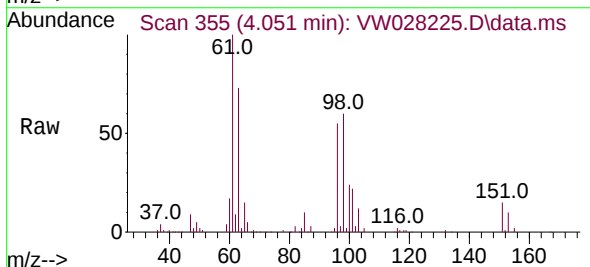
Tgt Ion: 96 Resp: 56644

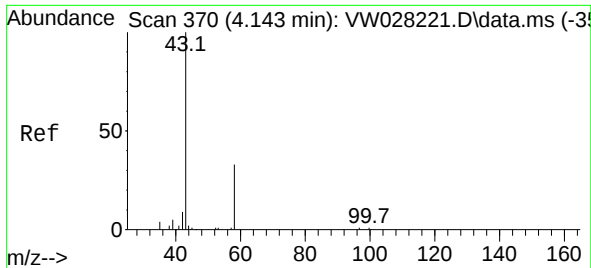
Ion Ratio Lower Upper

96 100

61 181.5 132.2 245.4

63 133.3 104.6 194.2

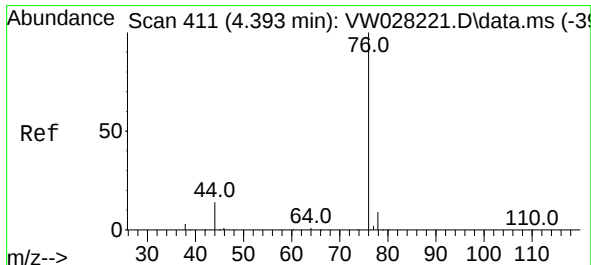
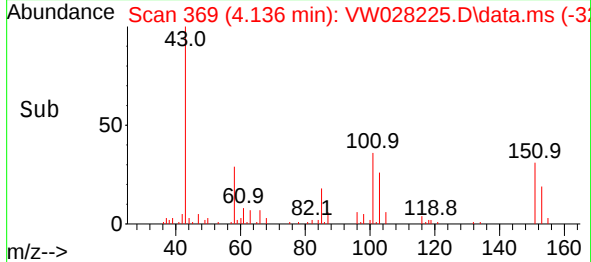
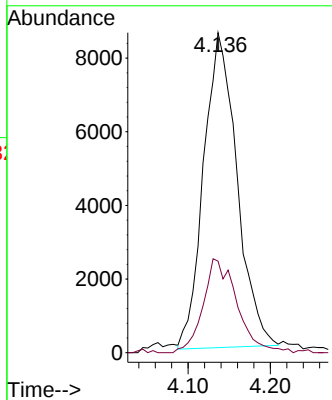
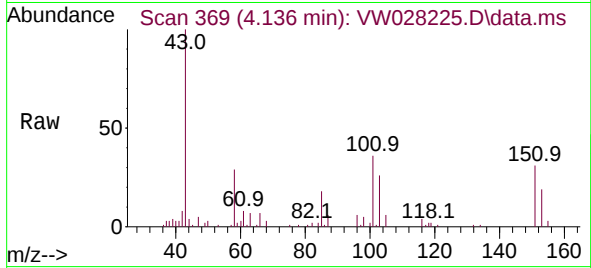




#13
Acetone
Concen: 34.449 ug/L
RT: 4.136 min Scan# 370
Delta R.T. -0.006 min
Lab File: VW028225.D
Acq: 21 Mar 2024 16:45

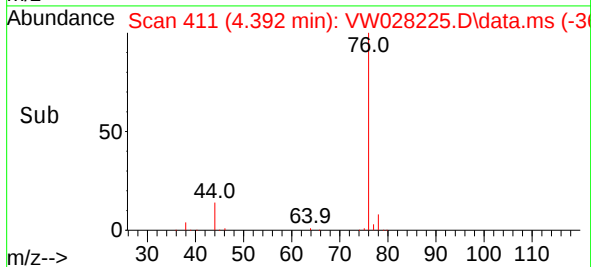
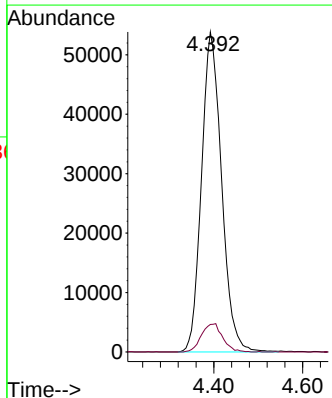
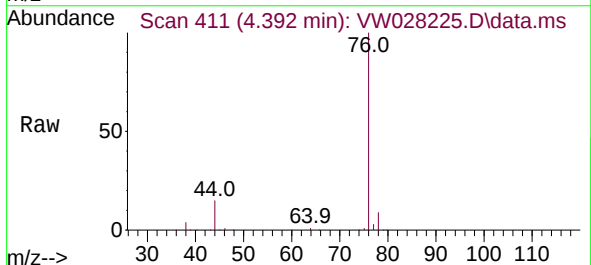
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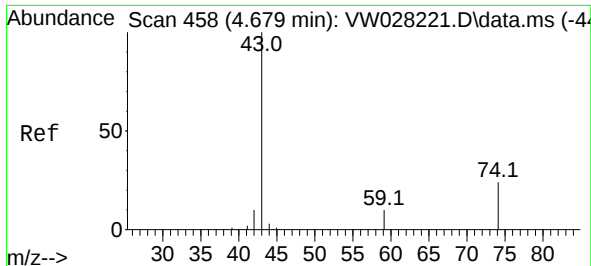
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Ion Ratio Lower Upper
43 100
58 30.2 0.0 57.8



#14
Carbon disulfide
Concen: 23.062 ug/L
RT: 4.392 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 169489
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7





#15

Methyl Acetate

Concen: 23.262 ug/L

RT: 4.673 min Scan# 4

Delta R.T. -0.006 min

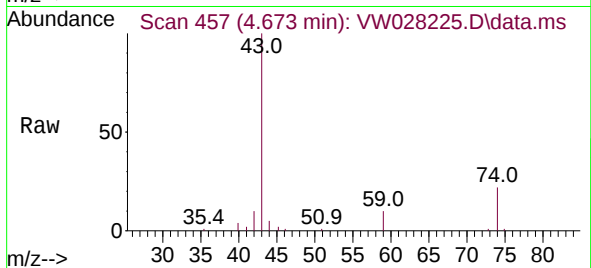
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Acq: 21 Mar 2024 16:45

Instrument :

MSVOA_W

ClientSampleId :

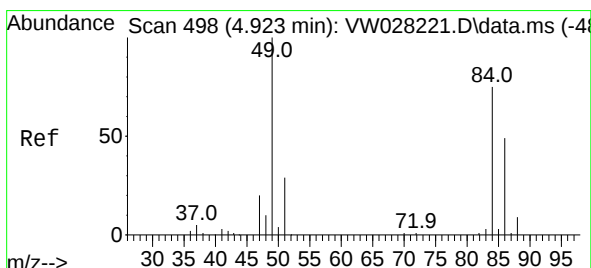
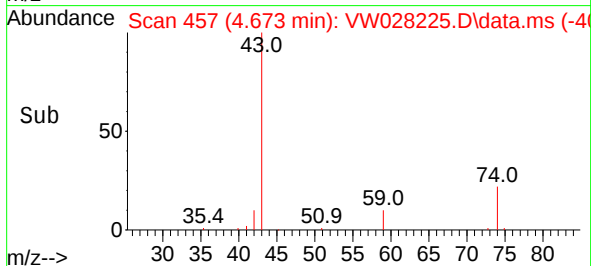
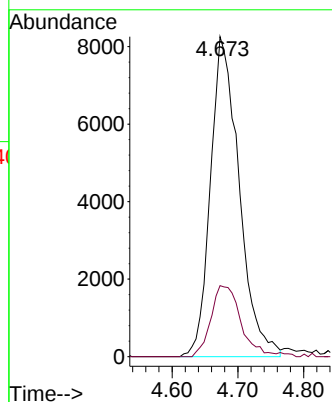


Tgt Ion: 43 Resp: 25052

Ion Ratio Lower Upper

43 100

74 22.6 18.2 27.2



#16

Methylene chloride

Concen: 20.929 ug/L

RT: 4.923 min Scan# 498

Delta R.T. -0.000 min

Lab File: VW028225.D

Acq: 21 Mar 2024 16:45

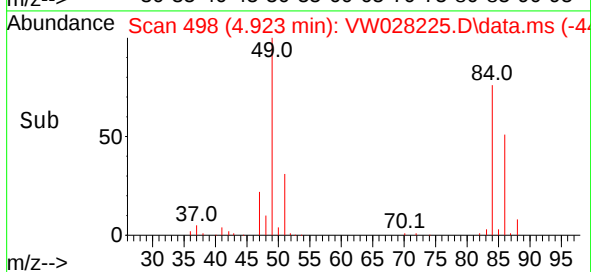
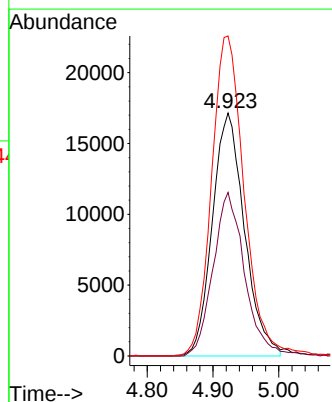
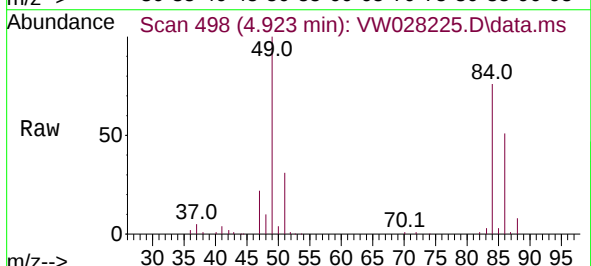
Tgt Ion: 84 Resp: 58126

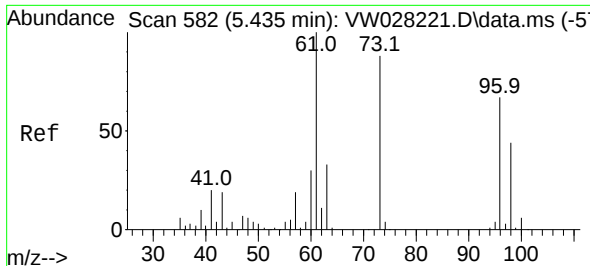
Ion Ratio Lower Upper

84 100

86 67.3 43.1 80.1

49 131.7 89.4 166.0





#17

trans-1,2-Dichloroethene

Concen: 24.033 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW028225.D

Acq: 21 Mar 2024 16:45

Instrument :

MSVOA_W

ClientSampleId :

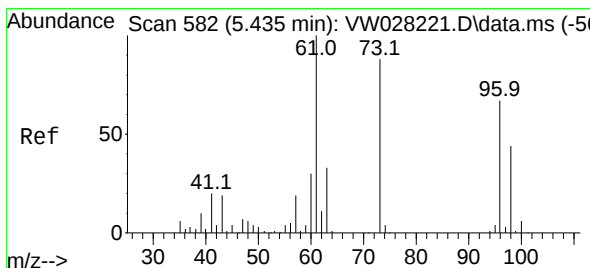
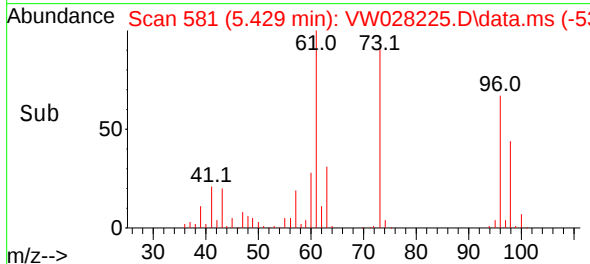
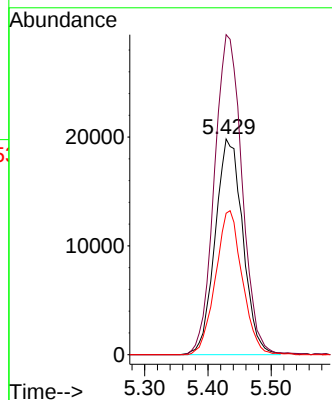
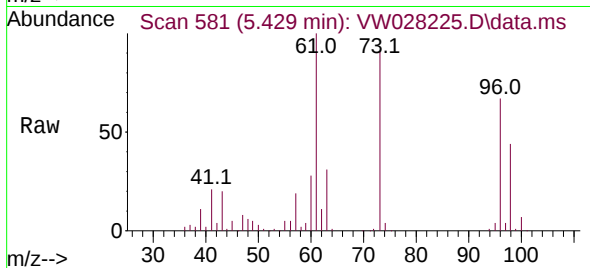
Tgt Ion: 96 Resp: 60182

Ion Ratio Lower Upper

96 100

61 148.3 98.4 182.8

98 65.6 45.6 84.8



#18

Methyl tert-butyl Ether

Concen: 25.092 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW028225.D

Acq: 21 Mar 2024 16:45

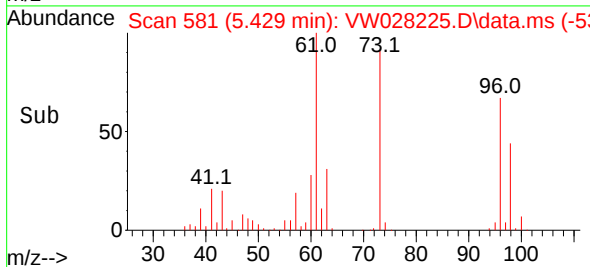
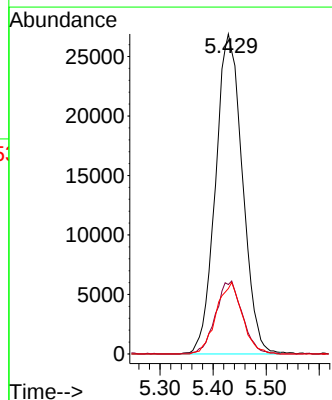
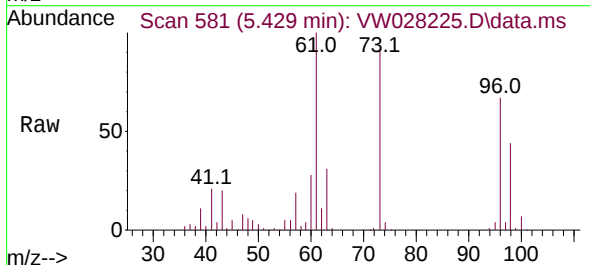
Tgt Ion: 73 Resp: 94802

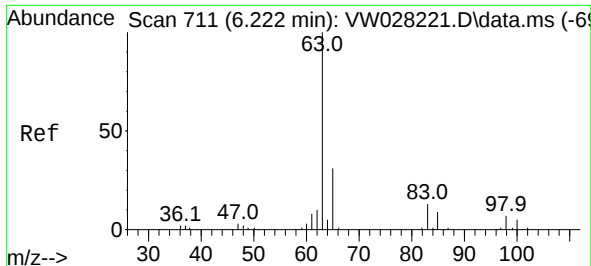
Ion Ratio Lower Upper

73 100

43 22.6 18.2 27.4

57 21.6 17.4 26.2

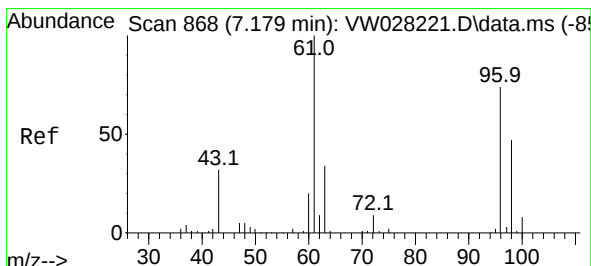
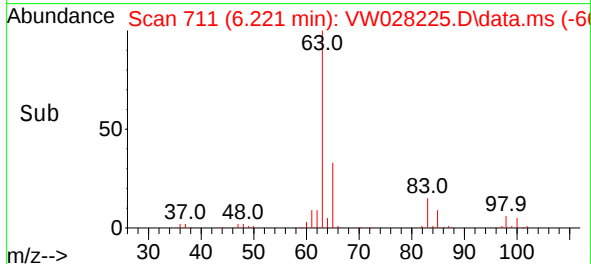
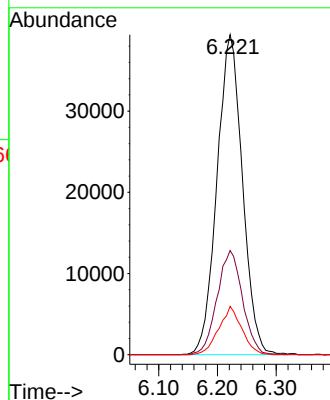
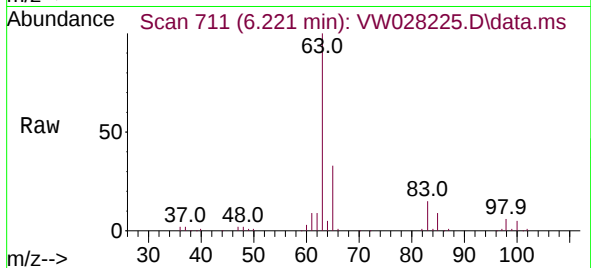




#19
1,1-Dichloroethane
Concen: 24.439 ug/L
RT: 6.221 min Scan# 711
Delta R.T. -0.000 min
Lab File: VW028225.D
Acq: 21 Mar 2024 16:45

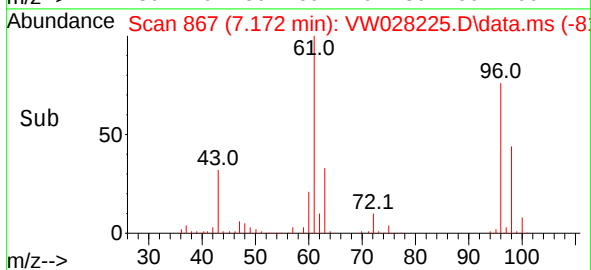
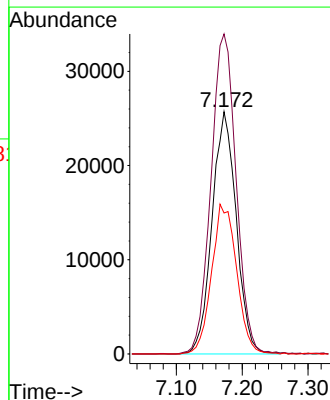
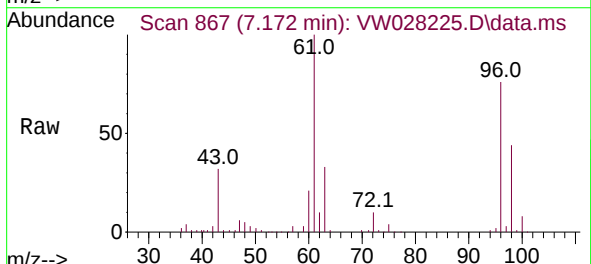
Instrument :
MSVOA_W
ClientSampleId :

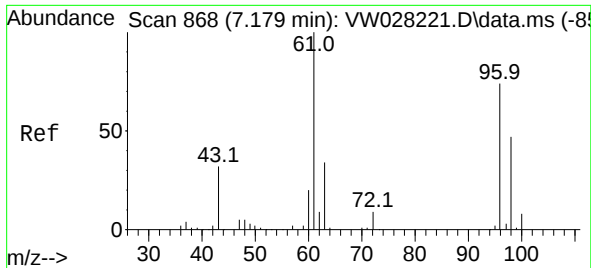
Tgt Ion: 63 Resp: 118480
Ion Ratio Lower Upper
63 100
65 32.5 22.1 41.1
83 15.1 9.0 16.6



#20
cis-1,2-Dichloroethene
Concen: 24.381 ug/L
RT: 7.172 min Scan# 867
Delta R.T. -0.006 min
Lab File: VW028225.D
Acq: 21 Mar 2024 16:45

Tgt Ion: 96 Resp: 65937
Ion Ratio Lower Upper
96 100
61 132.1 95.7 177.7
98 58.1 43.9 81.5

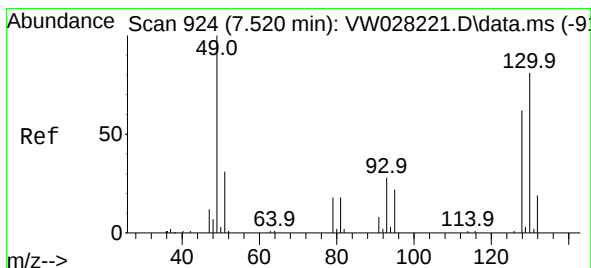
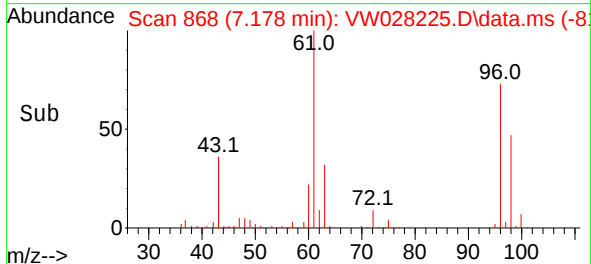
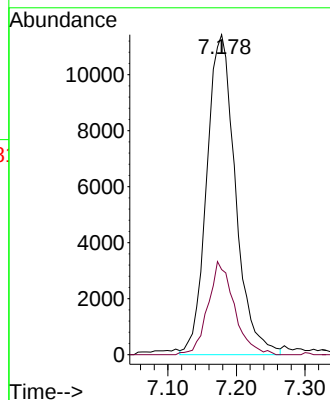
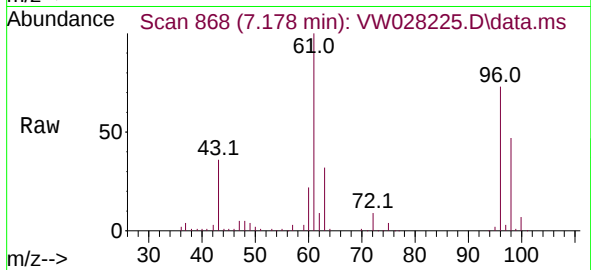




#22
2-Butanone
Concen: 41.946 ug/L
RT: 7.178 min Scan# 868
Delta R.T. -0.000 min
Lab File: VW028225.D
Acq: 21 Mar 2024 16:45

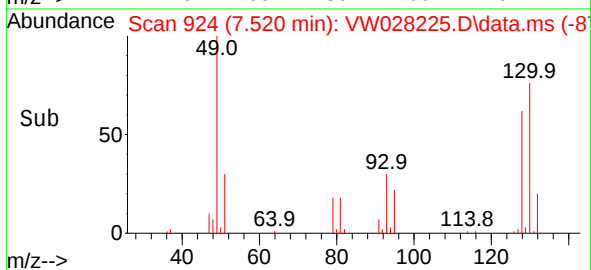
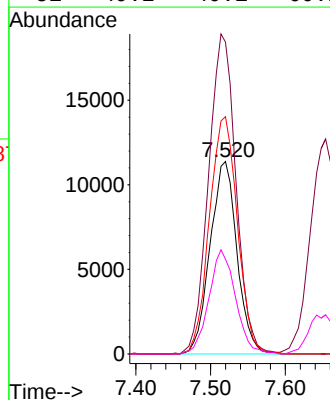
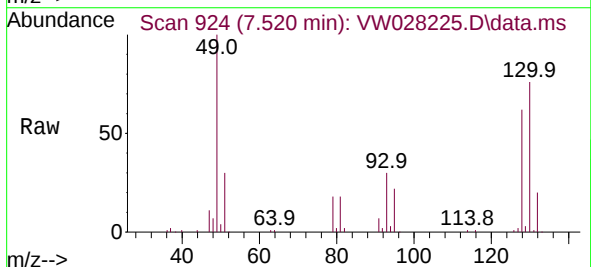
Instrument :
MSVOA_W
ClientSampleId :

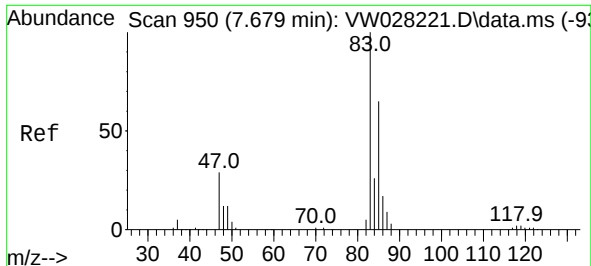
Tgt Ion: 43 Resp: 33298
Ion Ratio Lower Upper
43 100
72 26.7 12.8 38.4



#23
Bromochloromethane
Concen: 23.809 ug/L
RT: 7.520 min Scan# 924
Delta R.T. -0.000 min
Lab File: VW028225.D
Acq: 21 Mar 2024 16:45

Tgt Ion:128 Resp: 28467
Ion Ratio Lower Upper
128 100
49 162.0 116.6 216.6
130 123.3 80.1 148.7
51 49.2 40.1 60.1





#25

Chloroform

Concen: 24.510 ug/L

RT: 7.678 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW028225.D

Acq: 21 Mar 2024 16:45

Instrument :

MSVOA_W

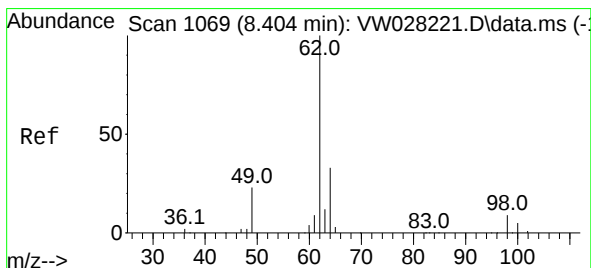
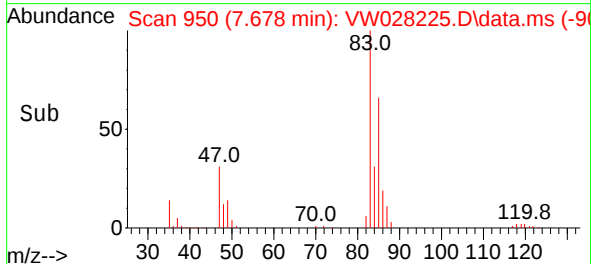
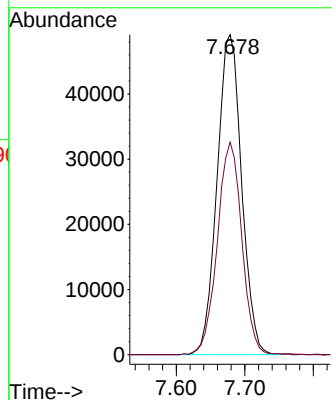
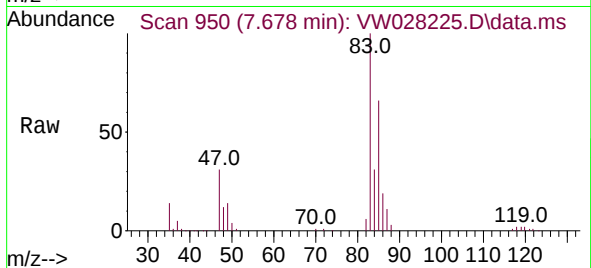
ClientSampleId :

Tgt Ion: 83 Resp: 122325

Ion Ratio Lower Upper

83 100

85 66.4 44.5 82.7



#27

1,2-Dichloroethane

Concen: 23.908 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VW028225.D

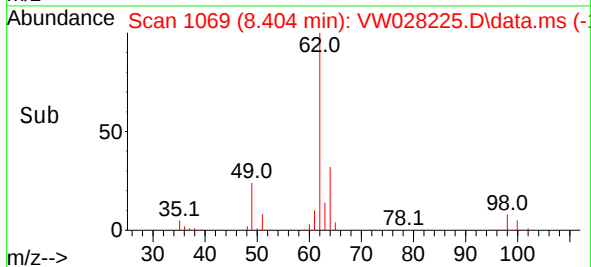
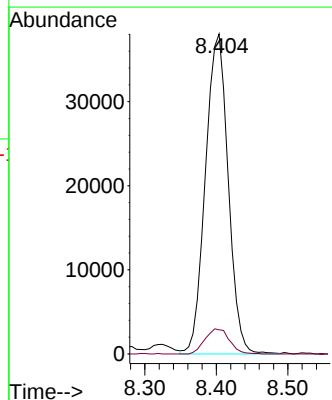
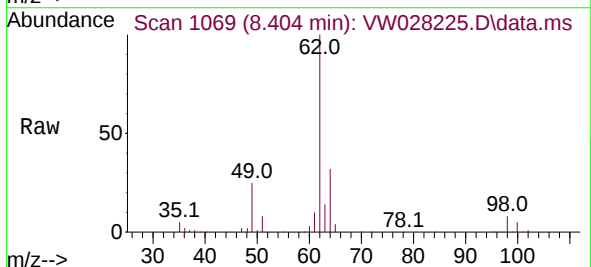
Acq: 21 Mar 2024 16:45

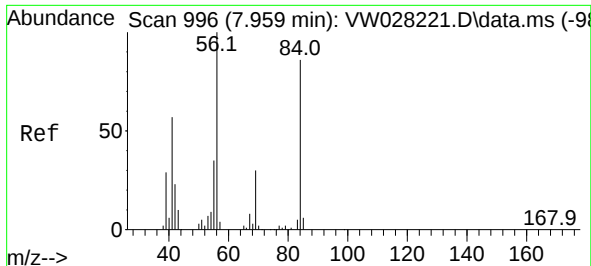
Tgt Ion: 62 Resp: 84262

Ion Ratio Lower Upper

62 100

98 7.6 5.9 8.9





#29

Cyclohexane

Concen: 24.372 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

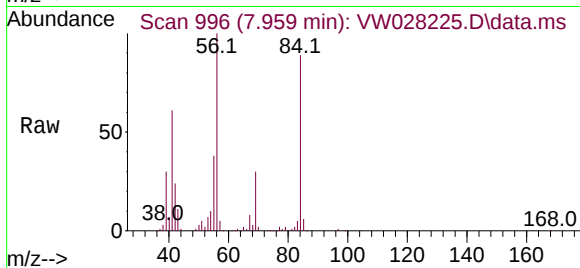
Lab File: VW028225.D

Acq: 21 Mar 2024 16:45

Instrument :

MSVOA_W

ClientSampleId :



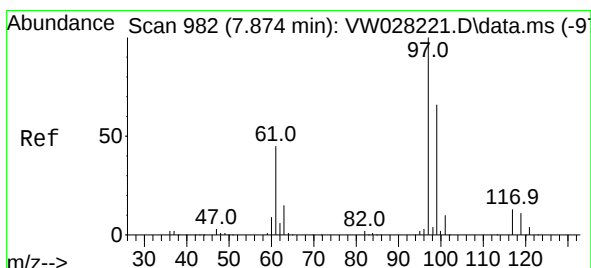
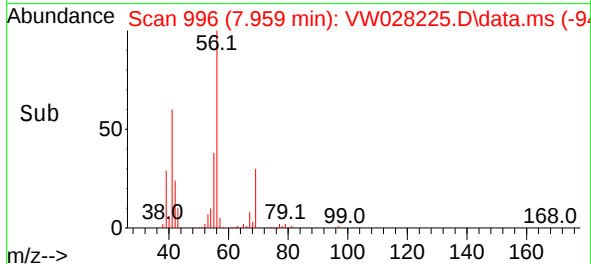
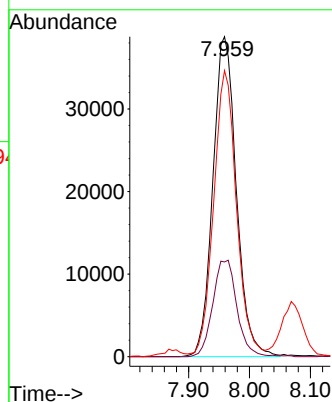
Tgt Ion: 56 Resp: 104036

Ion Ratio Lower Upper

56 100

69 30.8 24.0 36.0

84 86.6 68.4 102.6



#30

1,1,1-Trichloroethane

Concen: 25.577 ug/L

RT: 7.873 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028225.D

Acq: 21 Mar 2024 16:45

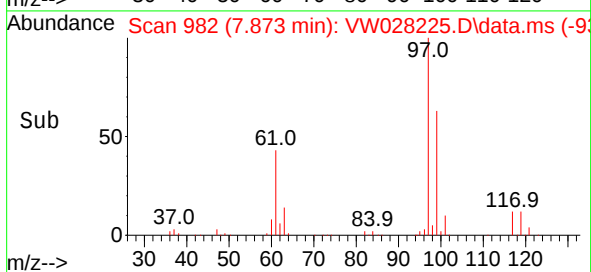
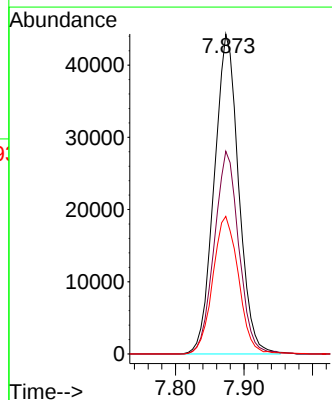
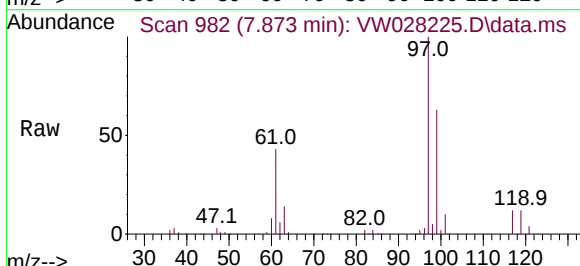
Tgt Ion: 97 Resp: 109722

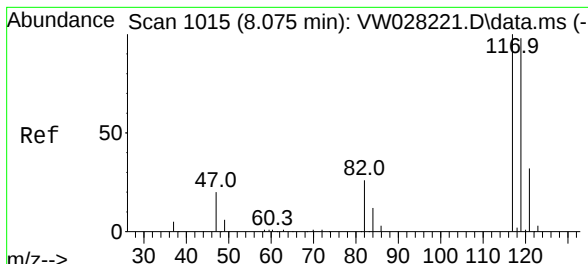
Ion Ratio Lower Upper

97 100

99 63.4 51.3 76.9

61 45.4 37.0 55.6

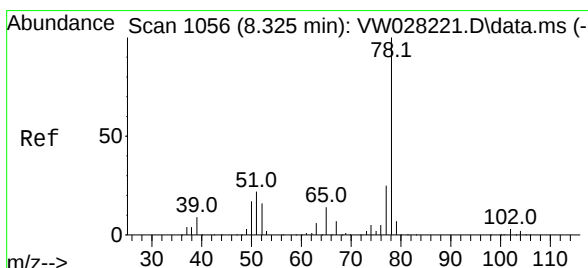
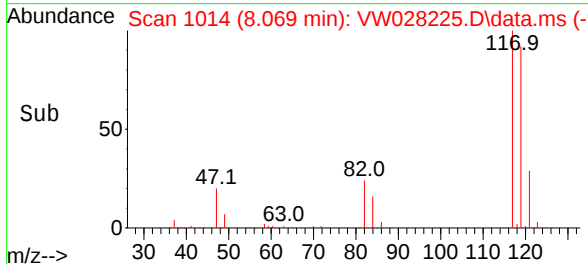
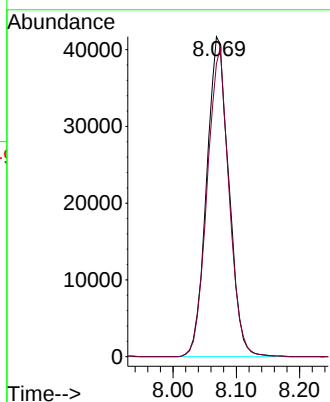
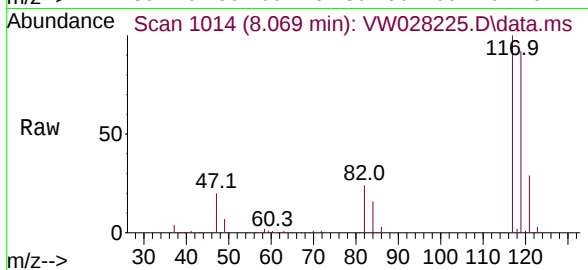




#31
Carbon tetrachloride
Concen: 25.327 ug/L
RT: 8.069 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VW028225.D
Acq: 21 Mar 2024 16:45

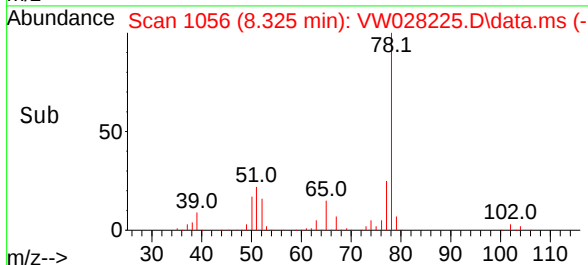
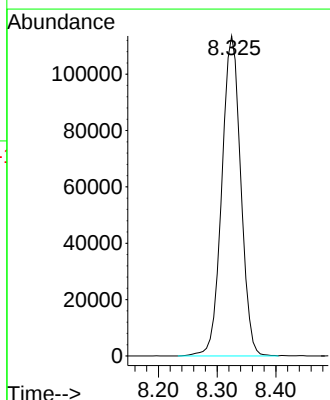
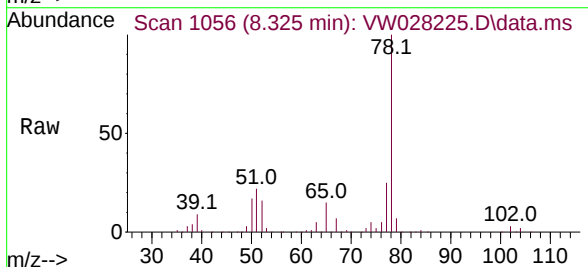
Instrument :
MSVOA_W
ClientSampleId :

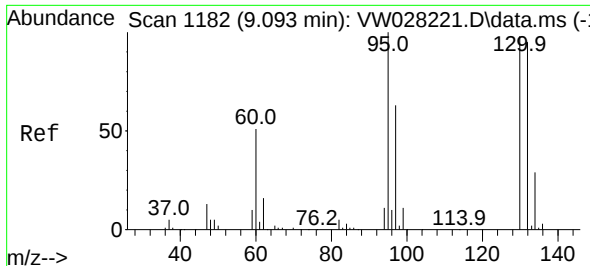
Tgt Ion:117 Resp: 101914
Ion Ratio Lower Upper
117 100
119 95.0 78.2 117.4



#33
Benzene
Concen: 25.273 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028225.D
Acq: 21 Mar 2024 16:45

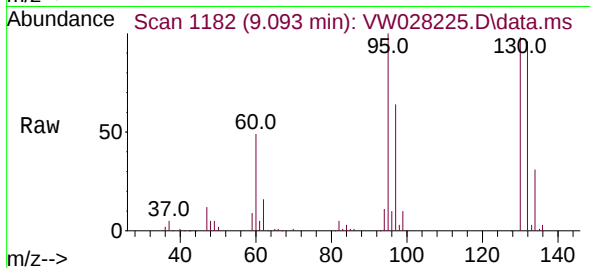
Tgt Ion: 78 Resp: 254506





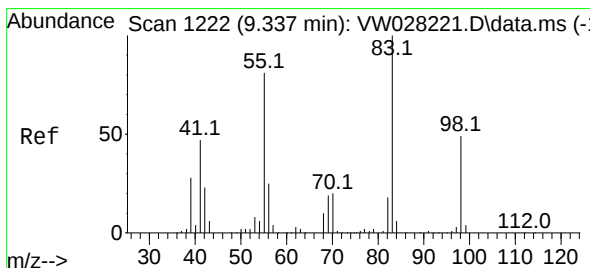
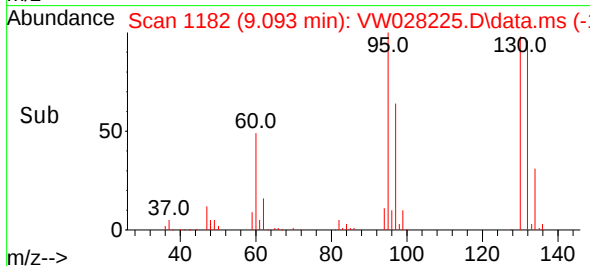
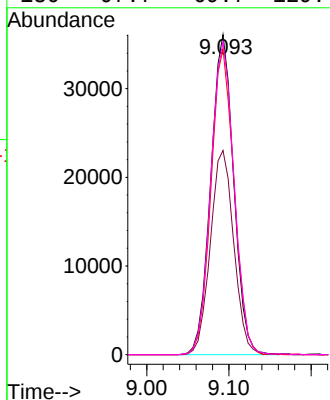
#34
Trichloroethene
Concen: 24.848 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW028225.D
Acq: 21 Mar 2024 16:45

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 69813

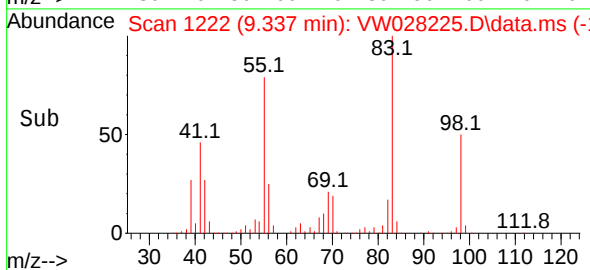
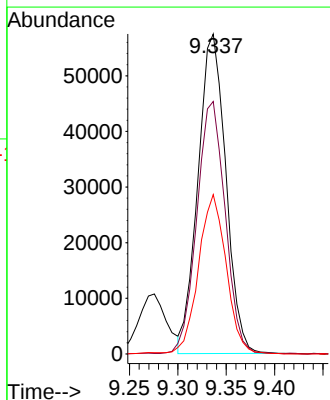
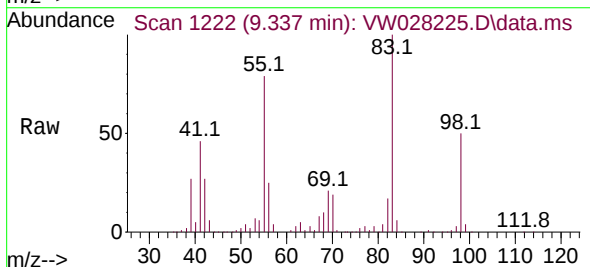
Ion	Ratio	Lower	Upper
95	100		
97	63.8	42.4	78.6
132	95.6	69.4	128.8
130	97.7	69.7	129.4

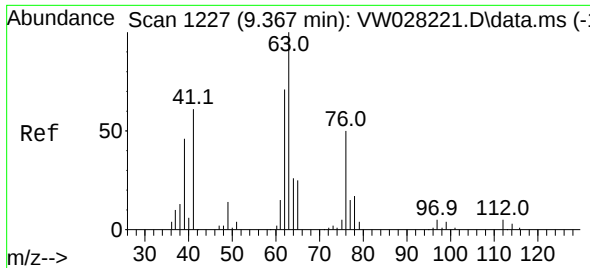


#35
Methylcyclohexane
Concen: 24.257 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VW028225.D
Acq: 21 Mar 2024 16:45

Tgt Ion: 83 Resp: 115200

Ion	Ratio	Lower	Upper
83	100		
55	80.4	64.2	96.4
98	49.7	38.3	57.5





#37

1,2-Dichloropropane

Concen: 24.803 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028225.D

Acq: 21 Mar 2024 16:45

Instrument :

MSVOA_W

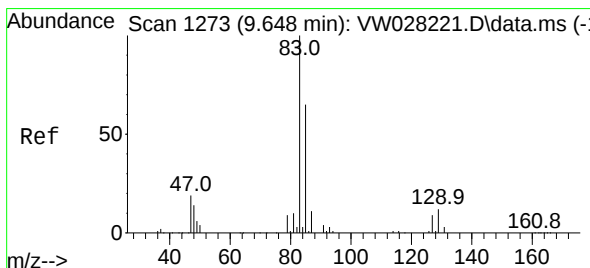
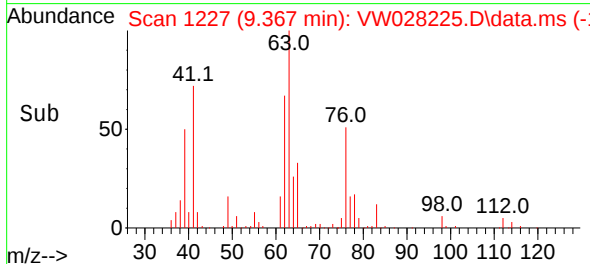
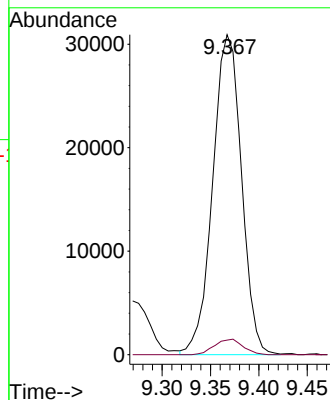
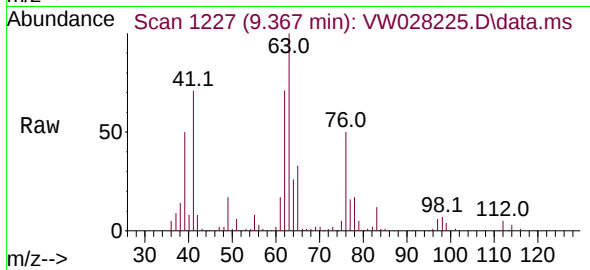
ClientSampleId :

Tgt Ion: 63 Resp: 63887

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 25.191 ug/L

RT: 9.641 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW028225.D

Acq: 21 Mar 2024 16:45

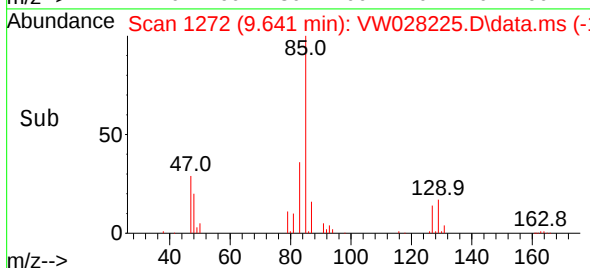
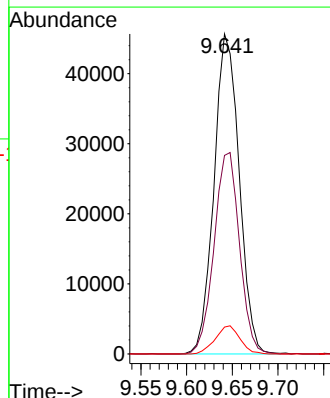
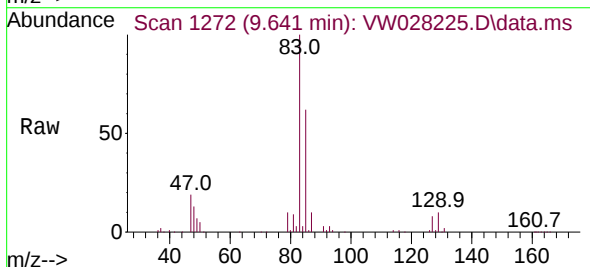
Tgt Ion: 83 Resp: 87485

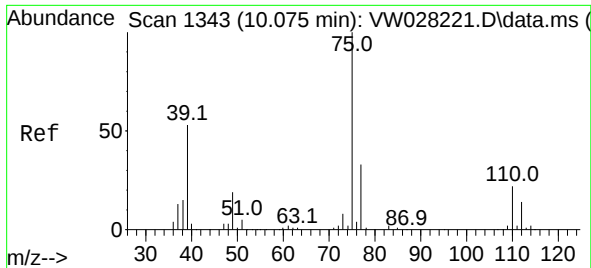
Ion Ratio Lower Upper

83 100

85 62.0 45.8 85.2

127 8.4 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 25.255 ug/L

RT: 10.074 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VW028225.D

Acq: 21 Mar 2024 16:45

Instrument :

MSVOA_W

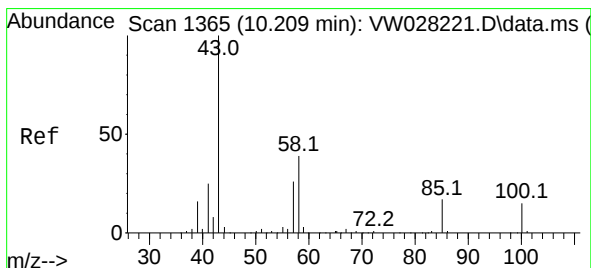
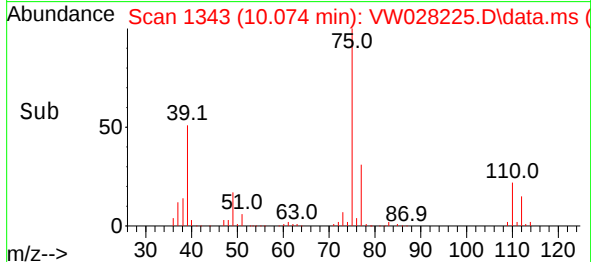
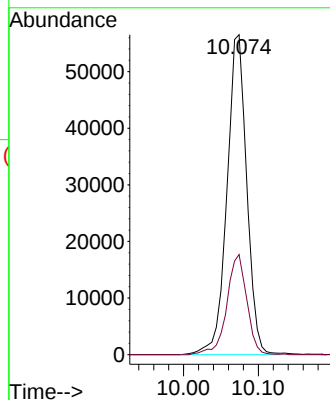
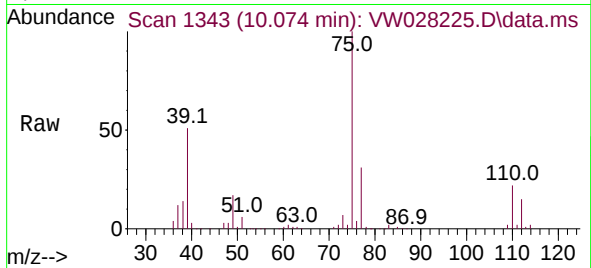
ClientSampleId :

Tgt Ion: 75 Resp: 104179

Ion Ratio Lower Upper

75 100

77 31.3 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 48.842 ug/L

RT: 10.208 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028225.D

Acq: 21 Mar 2024 16:45

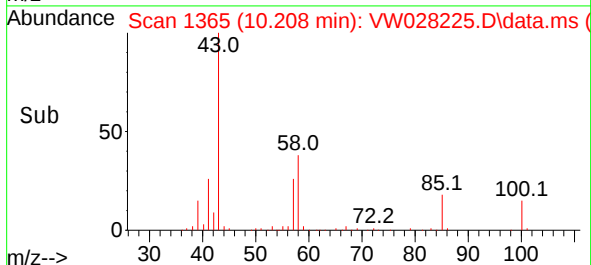
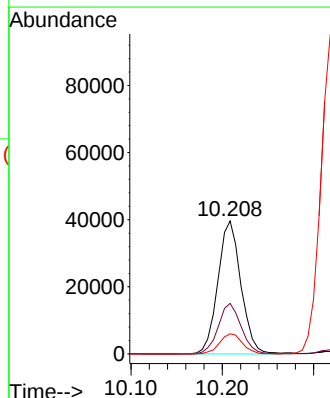
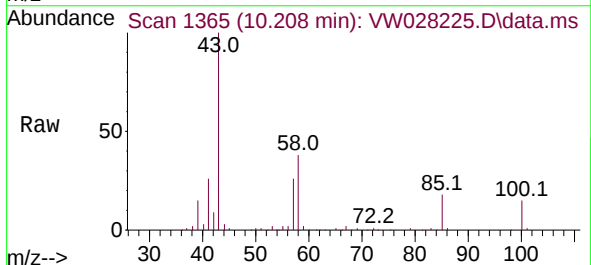
Tgt Ion: 43 Resp: 69444

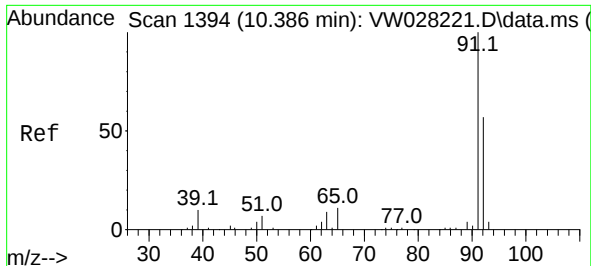
Ion Ratio Lower Upper

43 100

58 38.0 30.1 45.1

100 15.2 11.8 17.8





#42

Toluene

Concen: 25.205 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028225.D

Acq: 21 Mar 2024 16:45

Instrument :

MSVOA_W

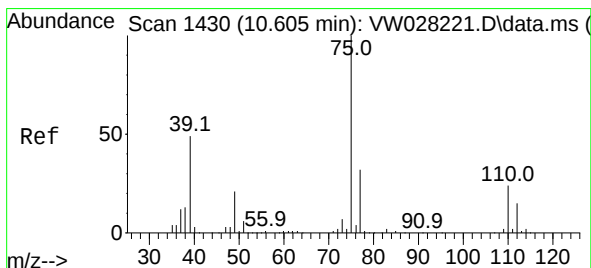
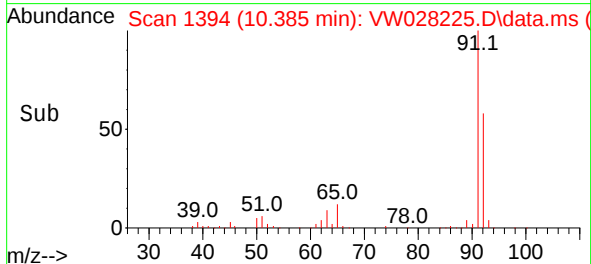
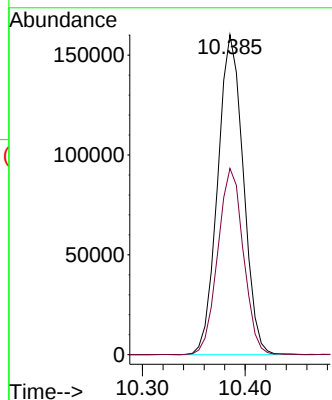
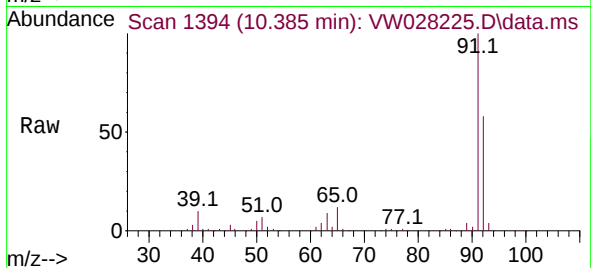
ClientSampleId :

Tgt Ion: 91 Resp: 277021

Ion Ratio Lower Upper

91 100

92 58.2 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 25.051 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028225.D

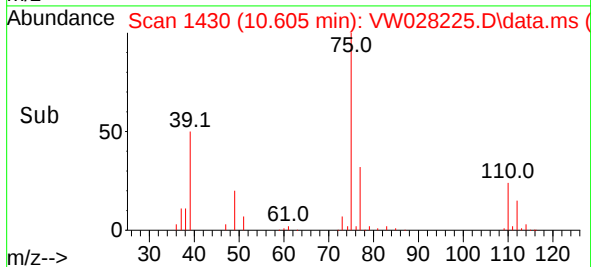
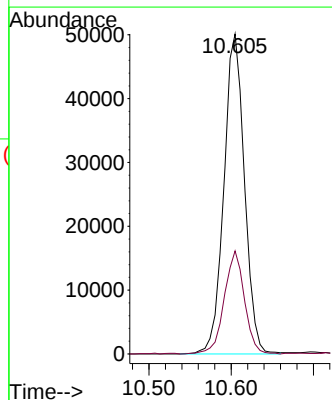
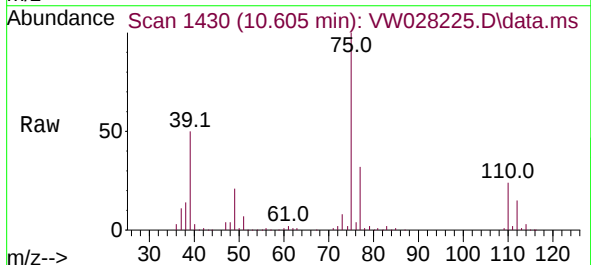
Acq: 21 Mar 2024 16:45

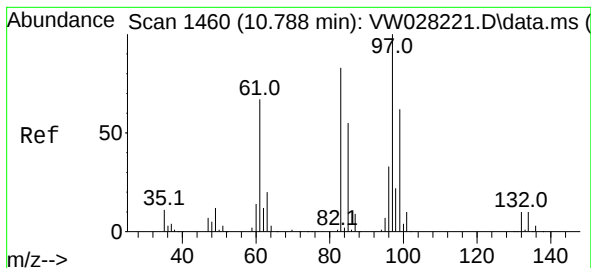
Tgt Ion: 75 Resp: 87246

Ion Ratio Lower Upper

75 100

77 32.2 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 25.350 ug/L

RT: 10.781 min Scan# 14

Delta R.T. -0.006 min

Lab File: VW028225.D

Acq: 21 Mar 2024 16:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 47178

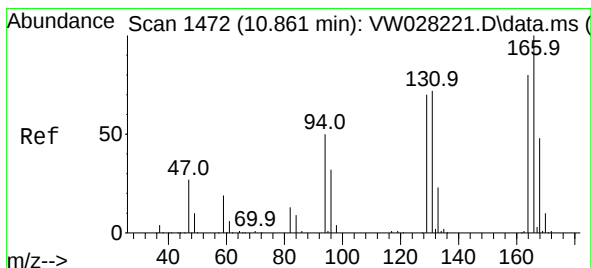
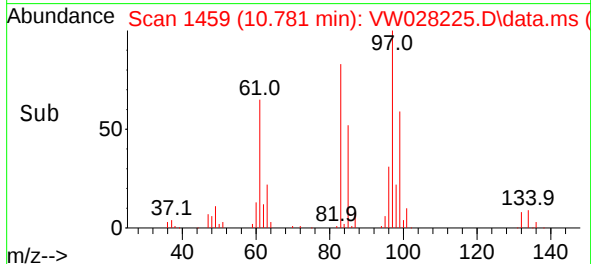
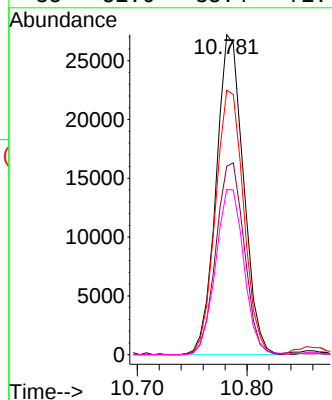
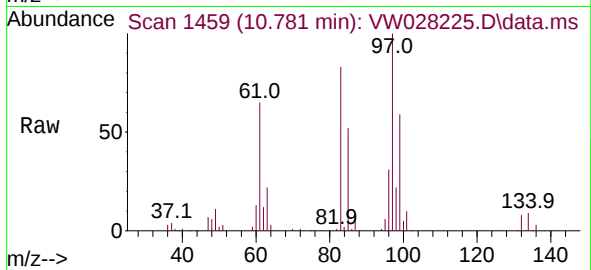
Ion Ratio Lower Upper

97 100

99 58.9 43.4 80.6

83 82.6 59.4 110.4

85 51.6 38.4 71.4



#46

Tetrachloroethene

Concen: 24.626 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028225.D

Acq: 21 Mar 2024 16:45

Tgt Ion:164 Resp: 55772

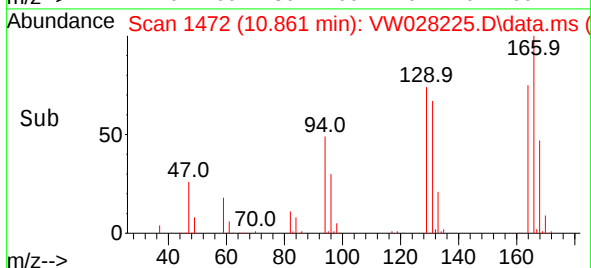
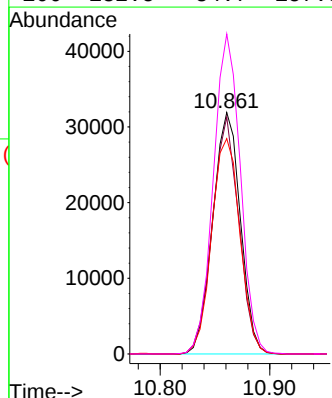
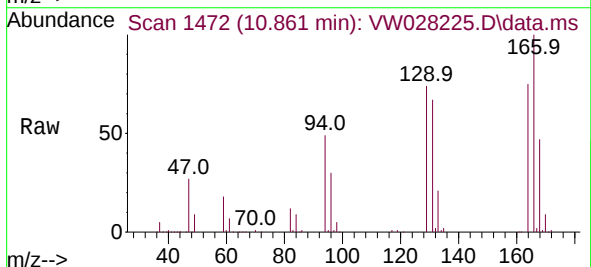
Ion Ratio Lower Upper

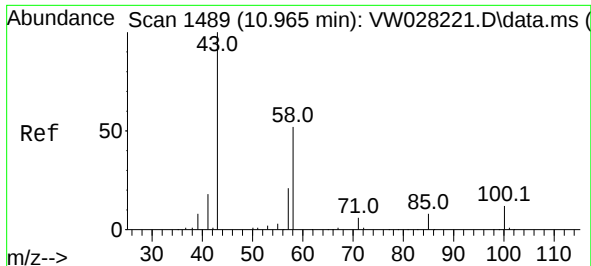
164 100

129 98.1 64.0 119.0

131 89.2 62.6 116.3

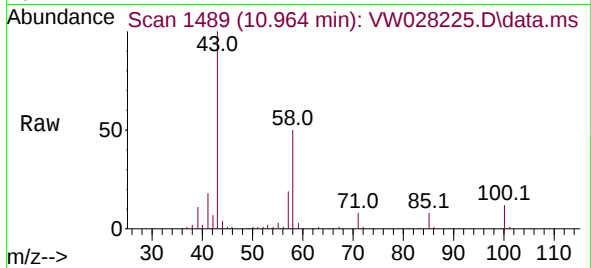
166 132.5 84.7 157.3



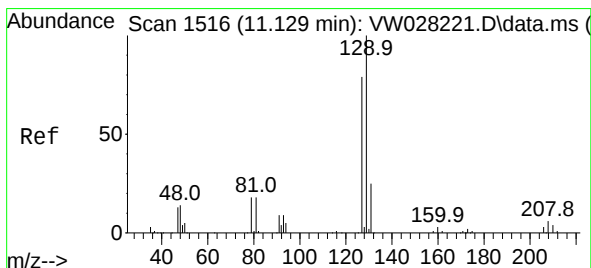
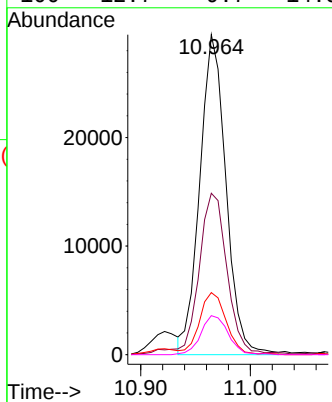
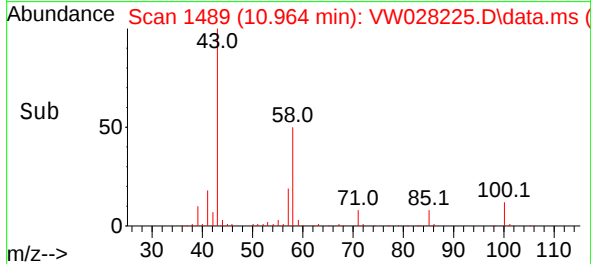


#48
2-Hexanone
Concen: 43.950 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028225.D
Acq: 21 Mar 2024 16:45

Instrument :
MSVOA_W
ClientSampleId :

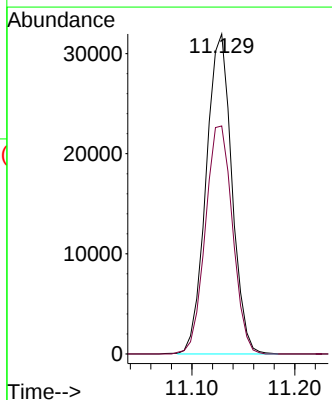
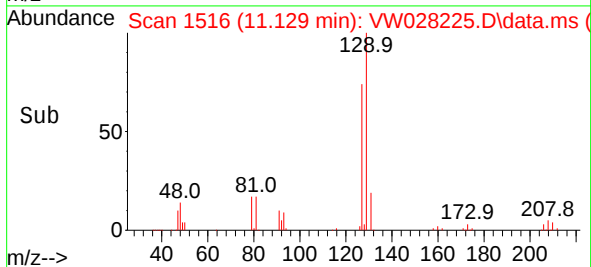
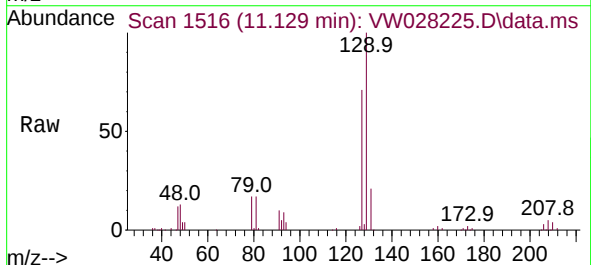


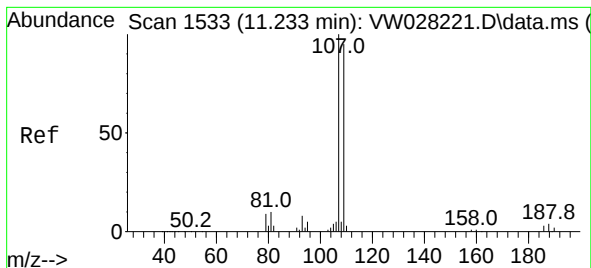
Tgt Ion:	43	Resp:	48950
Ion Ratio	Lower	Upper	
43	100		
58	52.9	40.6	61.0
57	19.5	15.7	23.5
100	12.7	9.7	14.5



#49
Dibromochloromethane
Concen: 25.278 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW028225.D
Acq: 21 Mar 2024 16:45

Tgt Ion:	129	Resp:	55714
Ion Ratio	Lower	Upper	
129	100		
127	71.2	53.1	98.7





#50

1,2-Dibromoethane

Concen: 24.449 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

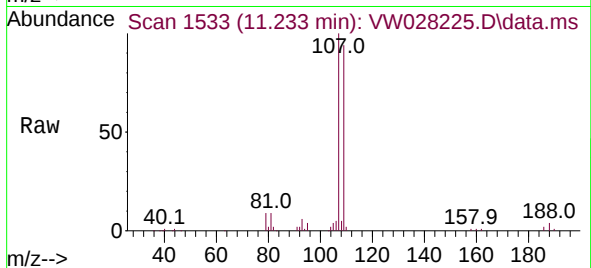
Lab File: VW028225.D

Acq: 21 Mar 2024 16:45

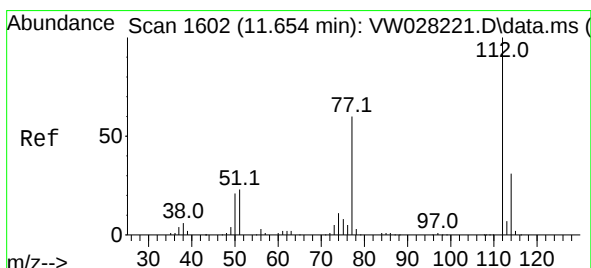
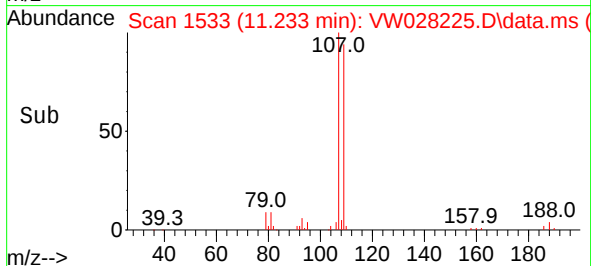
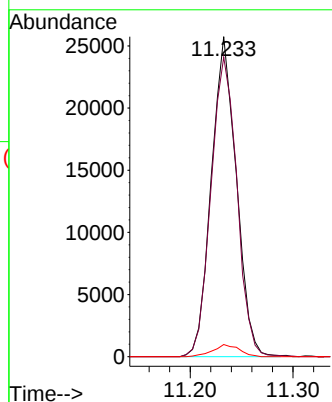
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	43507
Ion Ratio	Lower	Upper	
107	100		
109	93.6	64.4	119.6
188	3.8	3.4	5.2



#51

Chlorobenzene

Concen: 25.076 ug/L

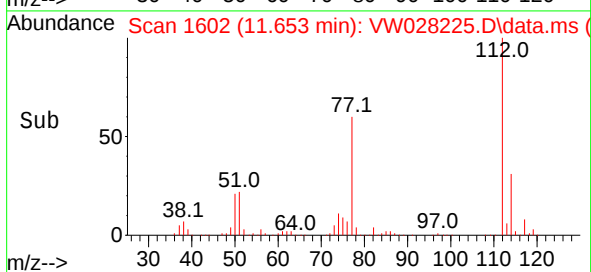
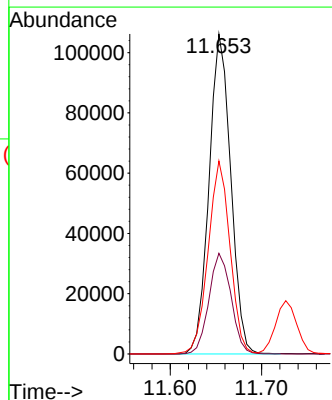
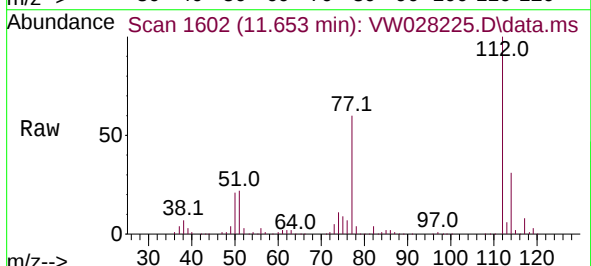
RT: 11.653 min Scan# 1602

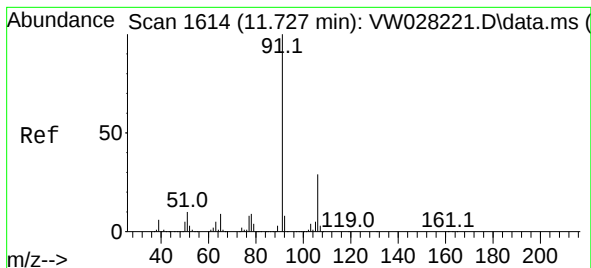
Delta R.T. -0.000 min

Lab File: VW028225.D

Acq: 21 Mar 2024 16:45

Tgt Ion:	112	Resp:	174934
Ion Ratio	Lower	Upper	
112	100		
114	31.5	21.8	40.6
77	60.3	50.6	76.0





#52

Ethylbenzene

Concen: 25.068 ug/L

RT: 11.726 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028225.D

Acq: 21 Mar 2024 16:45

Instrument :

MSVOA_W

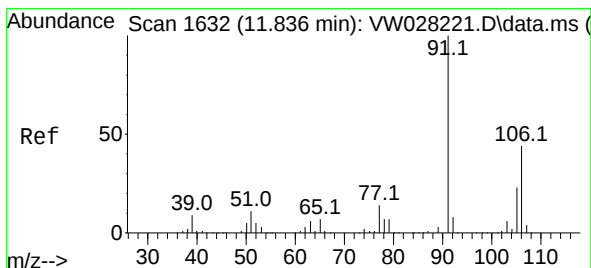
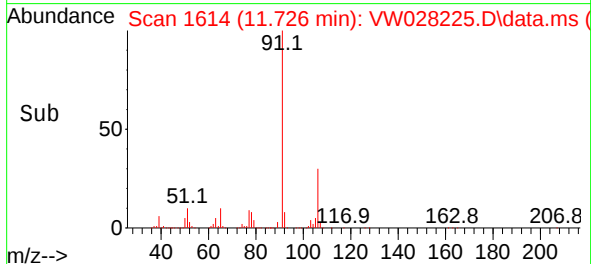
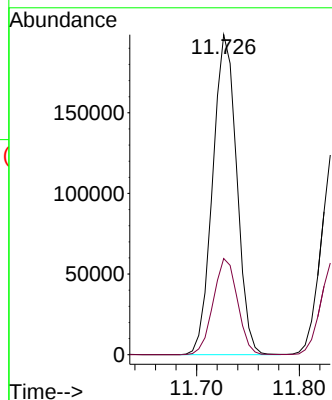
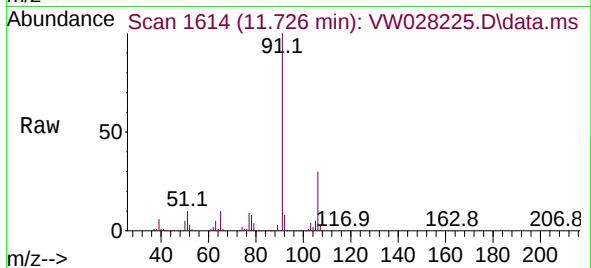
ClientSampleId :

Tgt Ion: 91 Resp: 321622

Ion Ratio Lower Upper

91 100

106 30.1 21.3 39.5



#53

m,p-Xylene

Concen: 24.641 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028225.D

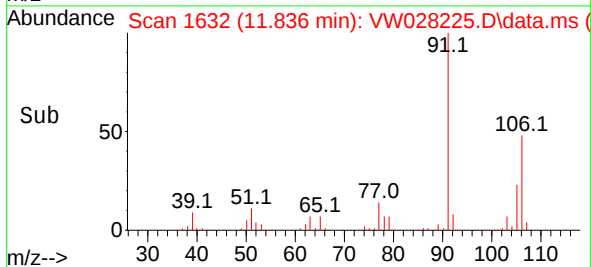
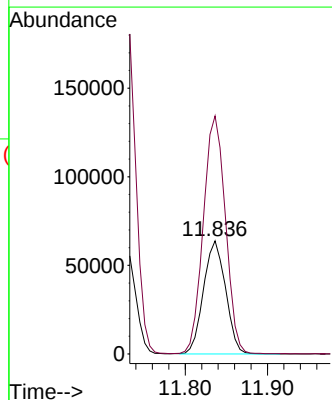
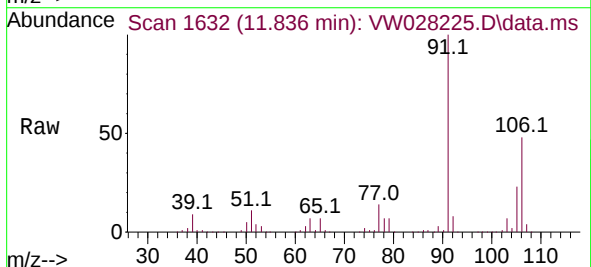
Acq: 21 Mar 2024 16:45

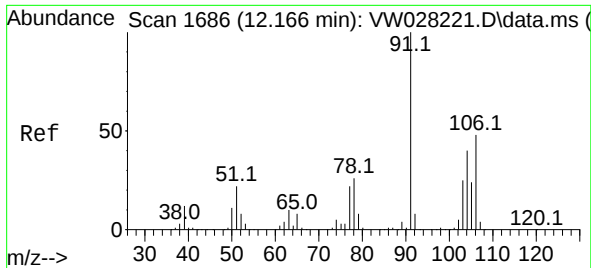
Tgt Ion:106 Resp: 118969

Ion Ratio Lower Upper

106 100

91 210.4 147.1 273.1

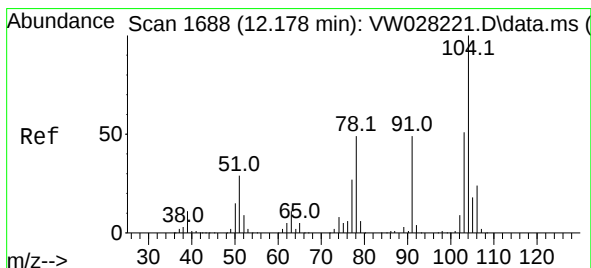
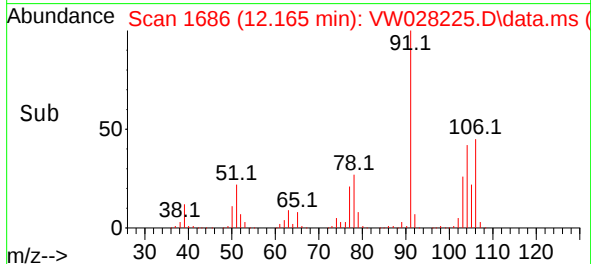
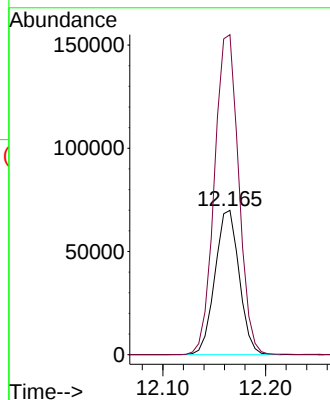
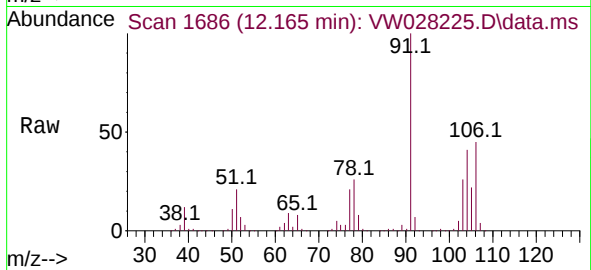




#54
o-Xylene
Concen: 25.571 ug/L
RT: 12.165 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW028225.D
Acq: 21 Mar 2024 16:45

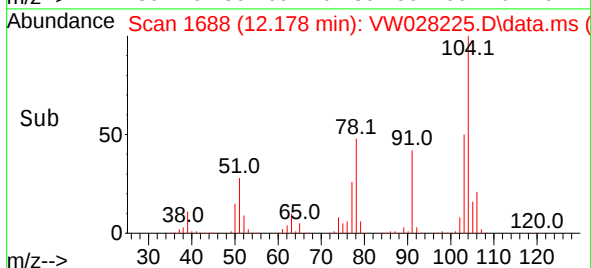
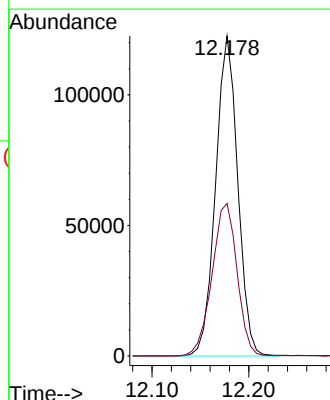
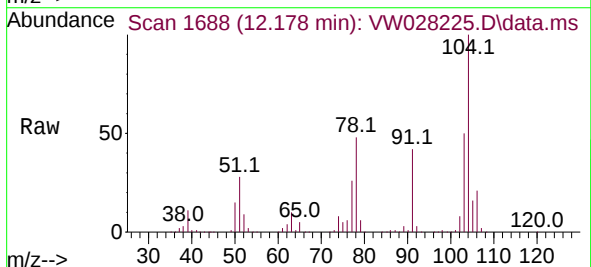
Instrument :
MSVOA_W
ClientSampleId :

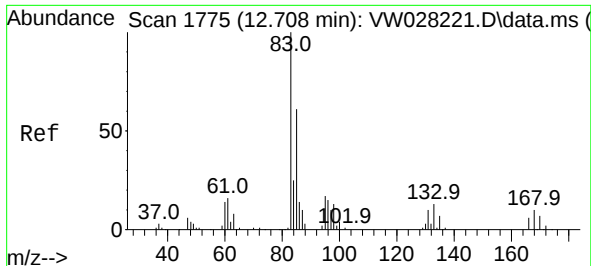
Tgt Ion:106 Resp: 114490
Ion Ratio Lower Upper
106 100
91 221.8 149.2 277.2



#55
Styrene
Concen: 25.312 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW028225.D
Acq: 21 Mar 2024 16:45

Tgt Ion:104 Resp: 194662
Ion Ratio Lower Upper
104 100
78 47.7 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 24.546 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028225.D

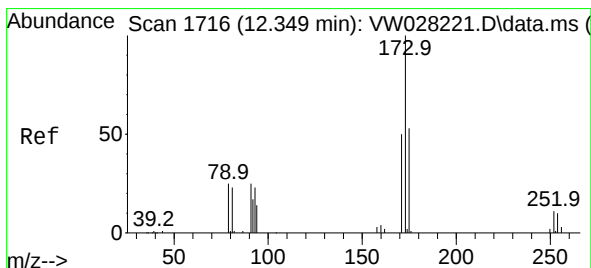
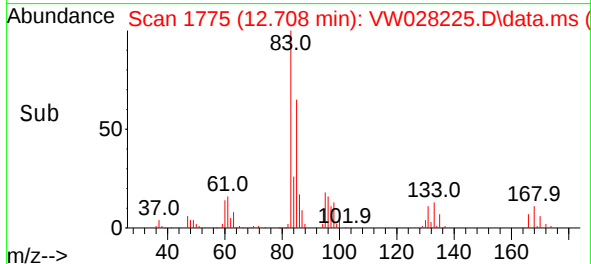
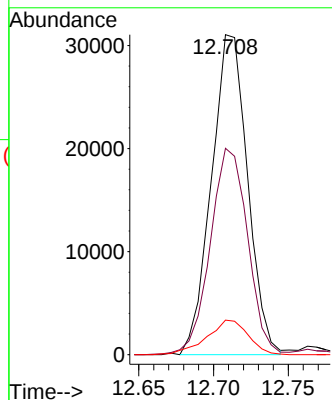
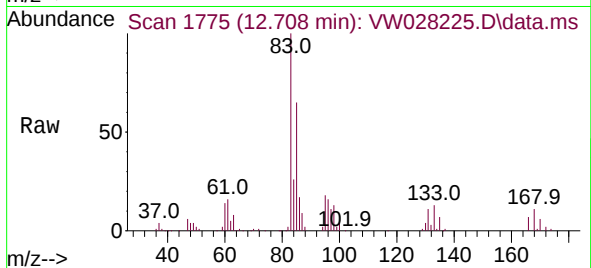
Acq: 21 Mar 2024 16:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	52251
Ion Ratio	Lower	Upper	
83	100		
85	64.5	47.0	87.2
131	10.8	8.9	13.3



#59

Bromoform

Concen: 24.107 ug/L

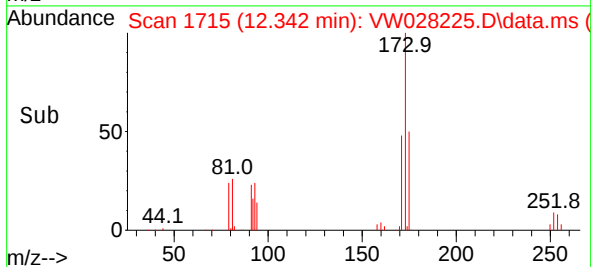
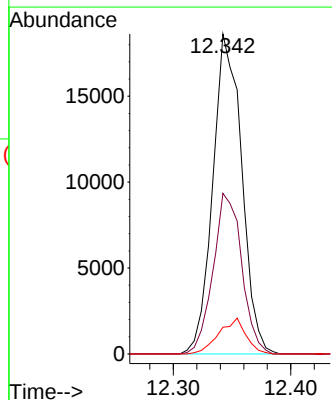
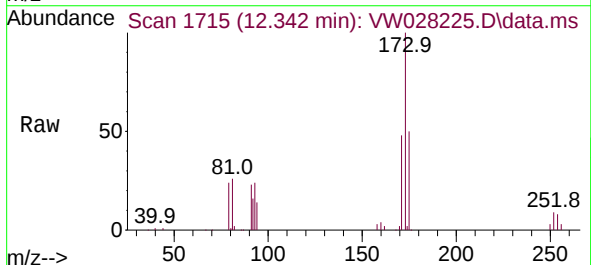
RT: 12.342 min Scan# 1715

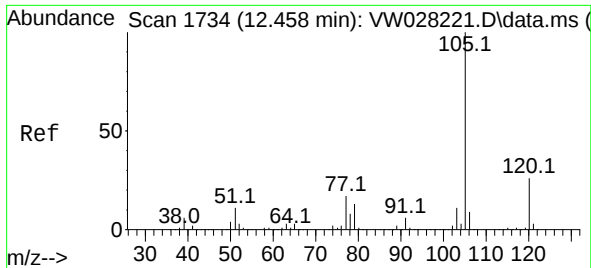
Delta R.T. -0.006 min

Lab File: VW028225.D

Acq: 21 Mar 2024 16:45

Tgt Ion:	173	Resp:	31787
Ion Ratio	Lower	Upper	
173	100		
175	49.8	39.8	59.6
254	10.5	8.5	12.7

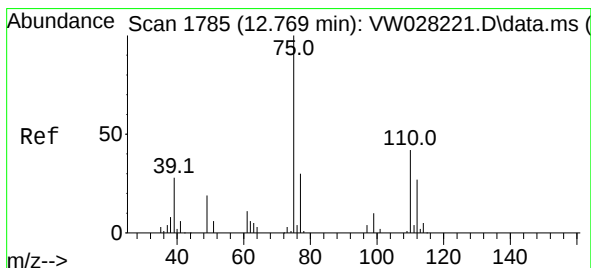
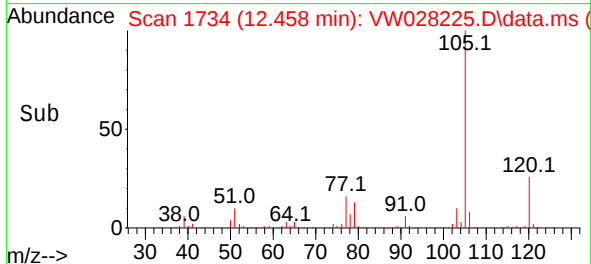
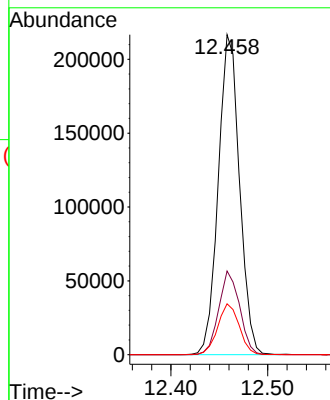
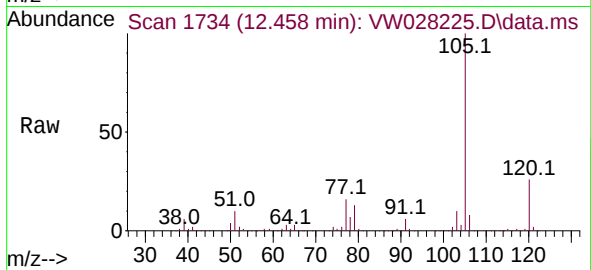




#60
Isopropylbenzene
Concen: 25.244 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW028225.D
Acq: 21 Mar 2024 16:45

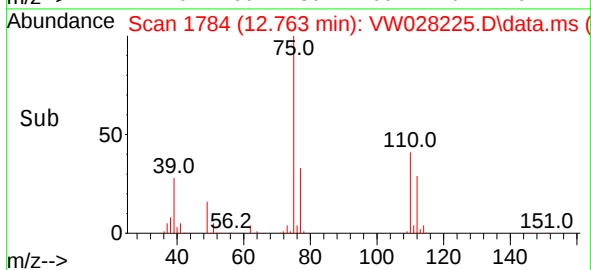
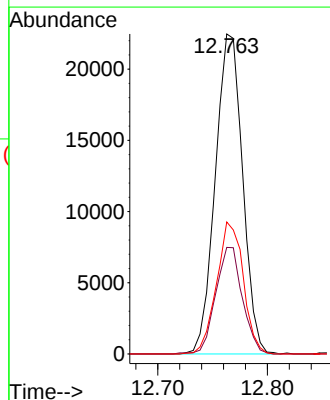
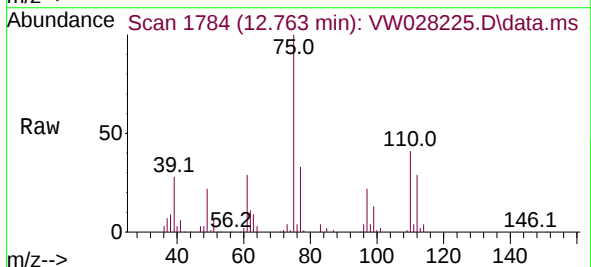
Instrument :
MSVOA_W
ClientSampleId :

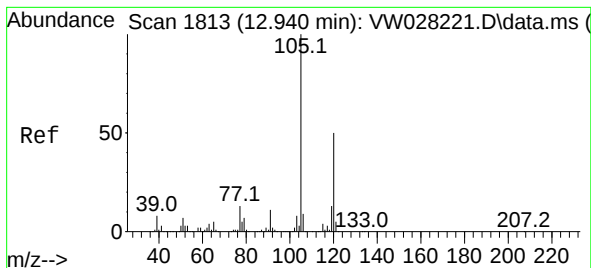
Tgt Ion:105 Resp: 330049
Ion Ratio Lower Upper
105 100
120 25.7 21.0 31.6
77 16.2 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 23.175 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW028225.D
Acq: 21 Mar 2024 16:45

Tgt Ion: 75 Resp: 38921
Ion Ratio Lower Upper
75 100
77 32.4 26.0 39.0
110 40.2 32.2 48.2

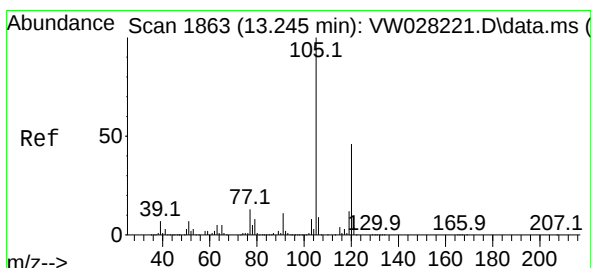
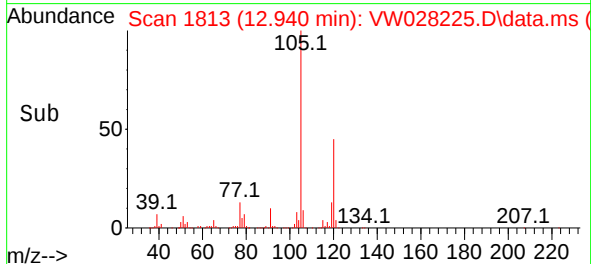
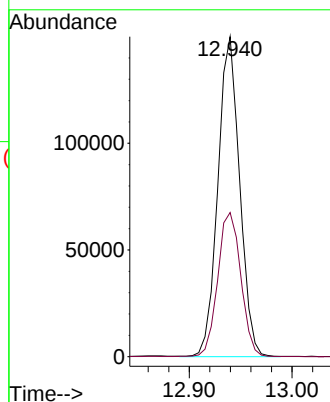
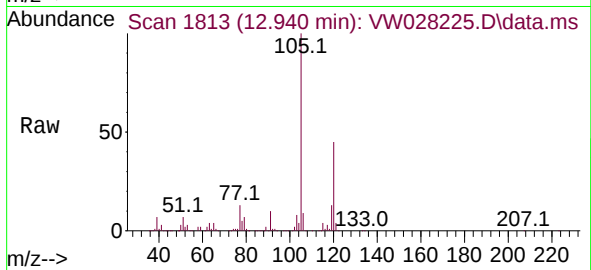




#62
1,3,5-Trimethylbenzene
Concen: 25.118 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028225.D
Acq: 21 Mar 2024 16:45

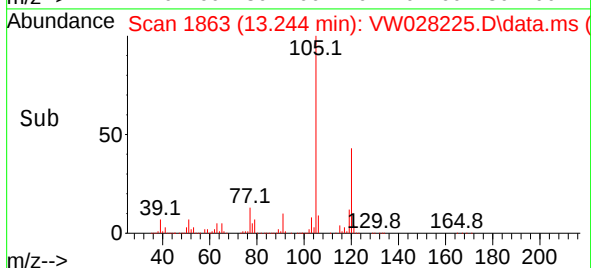
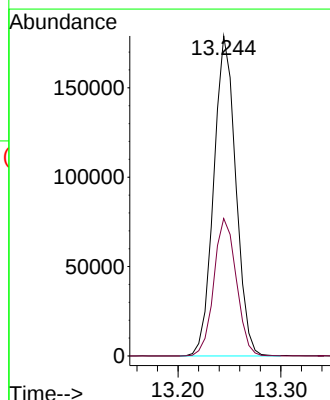
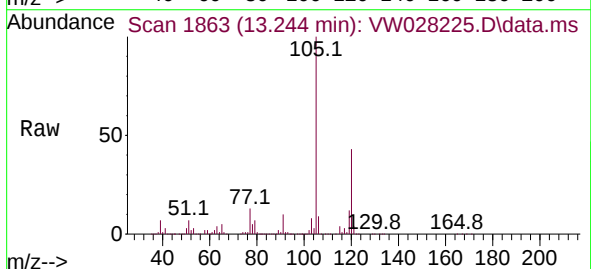
Instrument :
MSVOA_W
ClientSampleId :

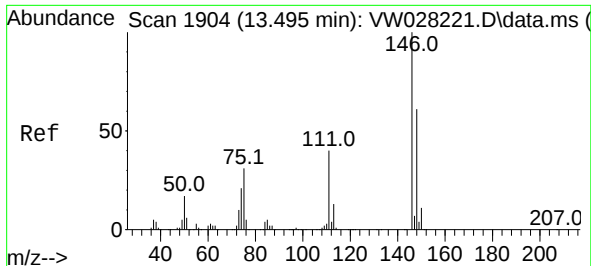
Tgt Ion:105 Resp: 220349
Ion Ratio Lower Upper
105 100
120 47.7 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 25.182 ug/L
RT: 13.244 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028225.D
Acq: 21 Mar 2024 16:45

Tgt Ion:105 Resp: 266746
Ion Ratio Lower Upper
105 100
120 43.7 35.6 53.4

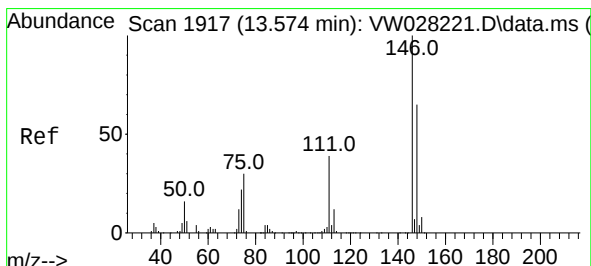
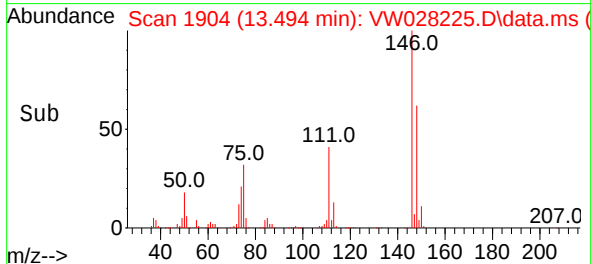
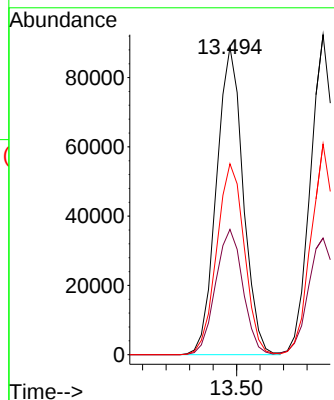
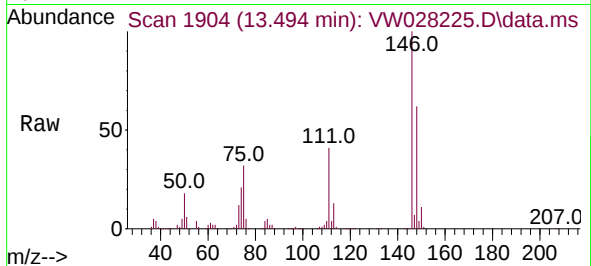




#64
1,3-Dichlorobenzene
Concen: 24.089 ug/L
RT: 13.494 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028225.D
Acq: 21 Mar 2024 16:45

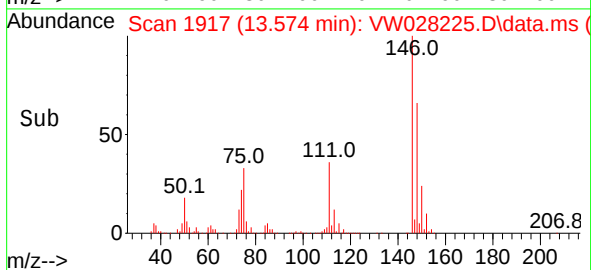
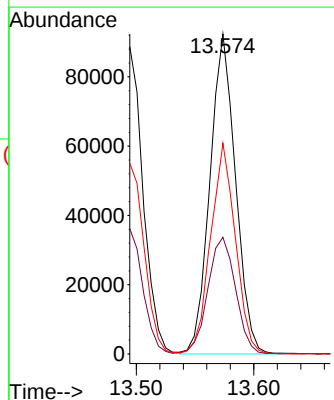
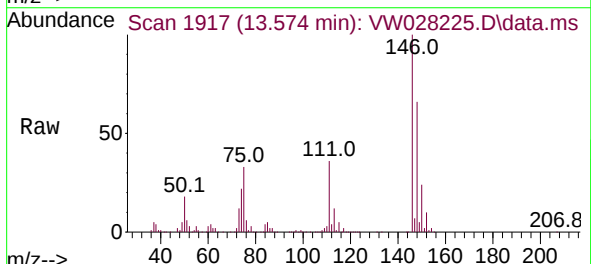
Instrument :
MSVOA_W
ClientSampleId :

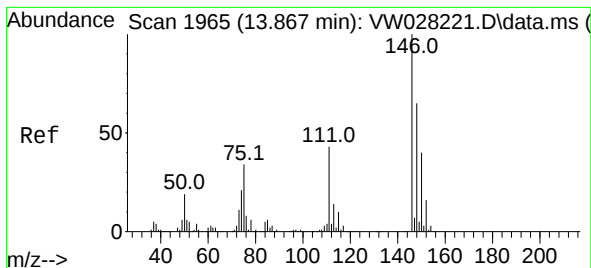
Tgt Ion:146 Resp: 140507
Ion Ratio Lower Upper
146 100
111 40.8 28.5 52.9
148 62.1 43.0 80.0



#65
1,4-Dichlorobenzene
Concen: 24.009 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028225.D
Acq: 21 Mar 2024 16:45

Tgt Ion:146 Resp: 140032
Ion Ratio Lower Upper
146 100
111 36.4 28.8 53.6
148 65.9 45.3 84.1

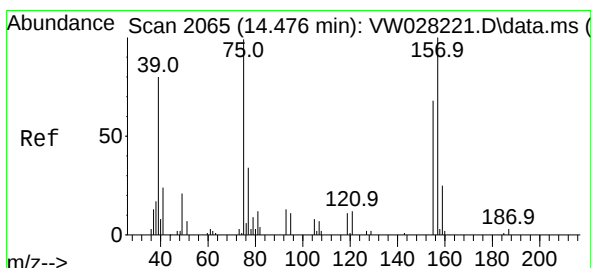
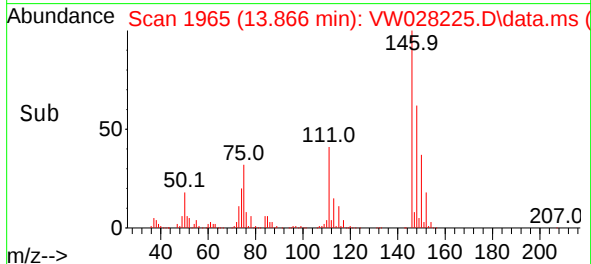
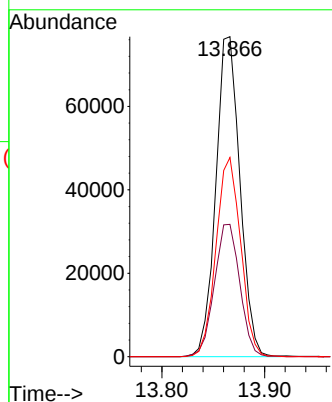
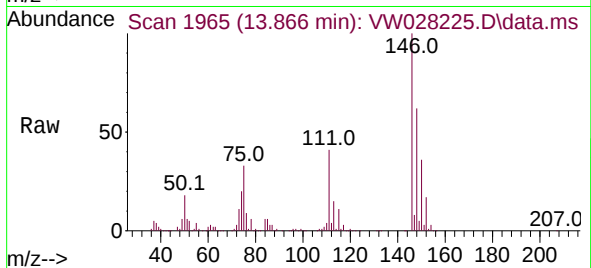




#67
1,2-Dichlorobenzene
Concen: 24.956 ug/L
RT: 13.866 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW028225.D
Acq: 21 Mar 2024 16:45

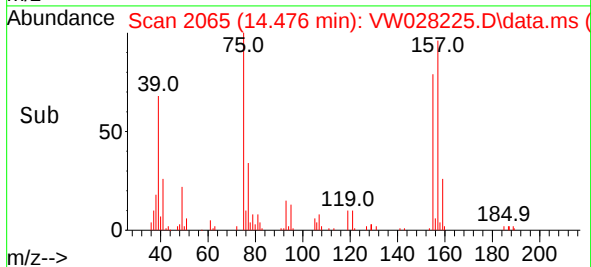
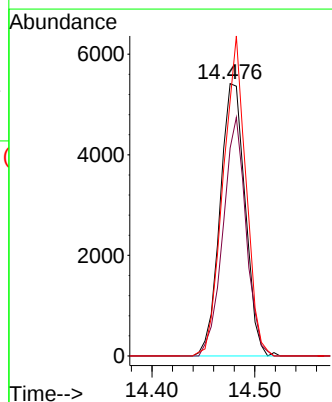
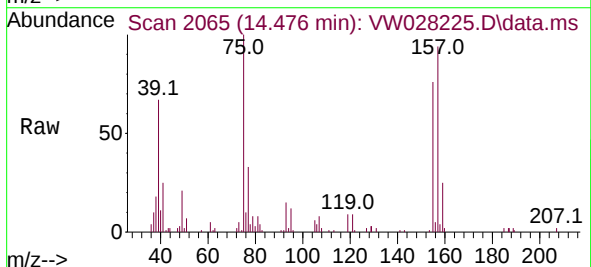
Instrument :
MSVOA_W
ClientSampleId :

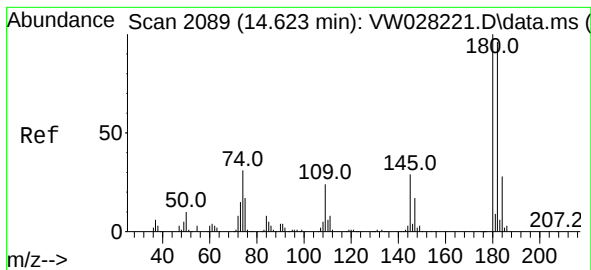
Tgt Ion:146 Resp: 125352
Ion Ratio Lower Upper
146 100
111 41.4 34.2 51.2
148 62.3 48.1 72.1



#68
1,2-Dibromo-3-chloropropane
Concen: 23.282 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW028225.D
Acq: 21 Mar 2024 16:45

Tgt Ion: 75 Resp: 9185
Ion Ratio Lower Upper
75 100
155 76.4 61.1 91.7
157 93.6 74.2 111.4





#69

1,3,5-Trichlorobenzene

Concen: 23.438 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

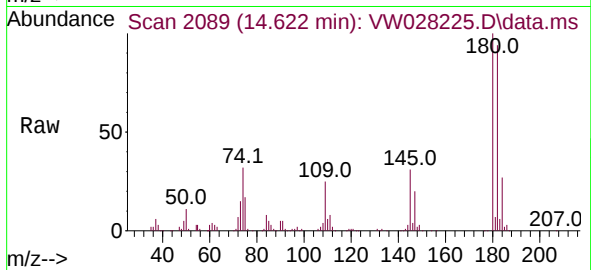
Lab File: VW028225.D

Acq: 21 Mar 2024 16:45

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 95227

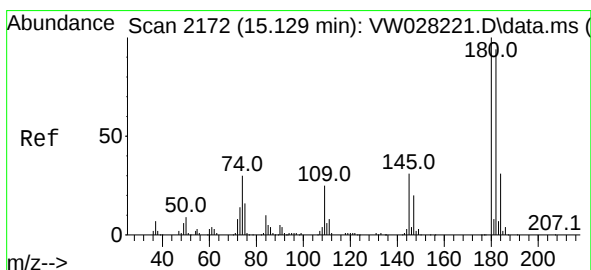
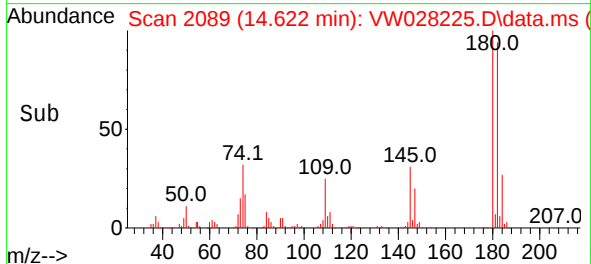
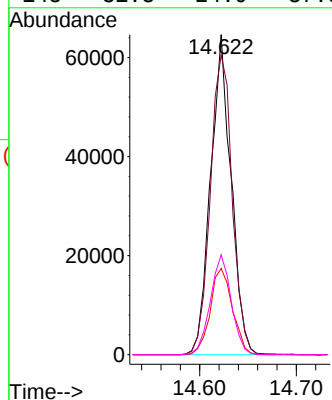
Ion Ratio Lower Upper

180 100

182 99.9 76.6 114.8

184 29.1 23.5 35.3

145 31.8 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 23.529 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028225.D

Acq: 21 Mar 2024 16:45

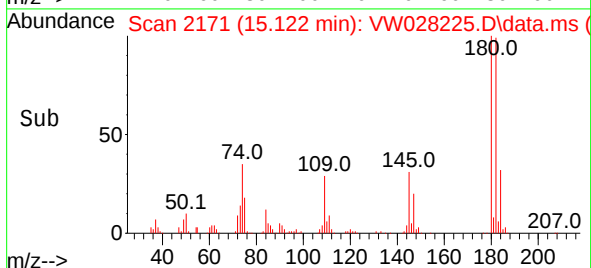
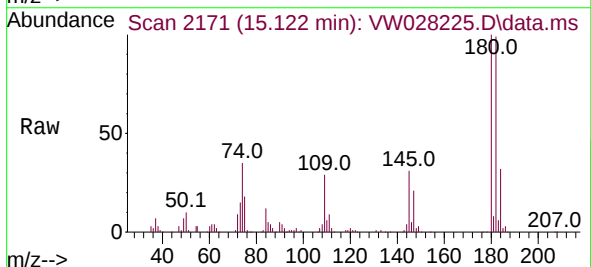
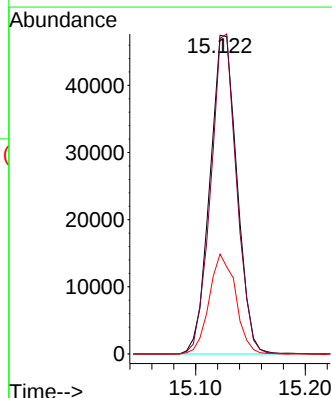
Tgt Ion:180 Resp: 81213

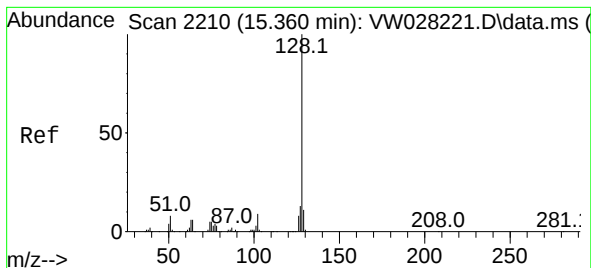
Ion Ratio Lower Upper

180 100

182 96.0 73.8 110.8

145 30.6 25.0 37.6





#71

Naphthalene

Concen: 25.273 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW028225.D

Acq: 21 Mar 2024 16:45

Instrument :

MSVOA_W

ClientSampleId :

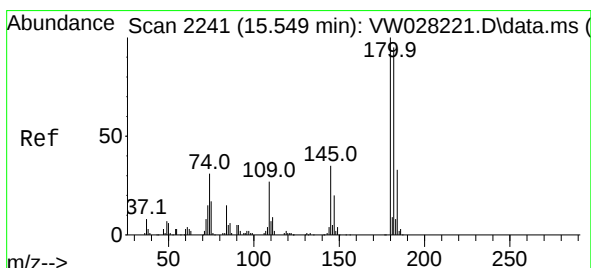
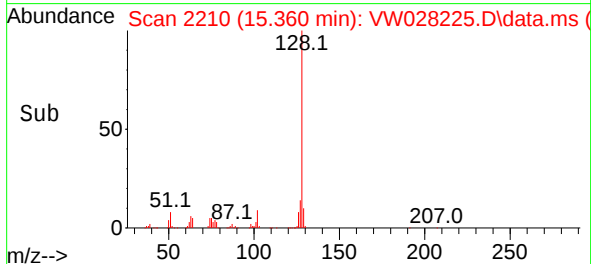
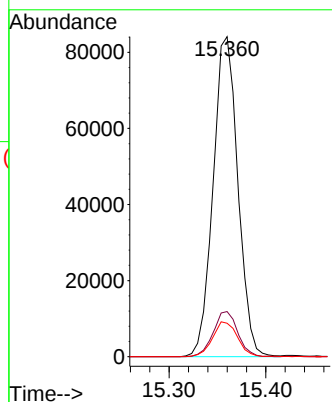
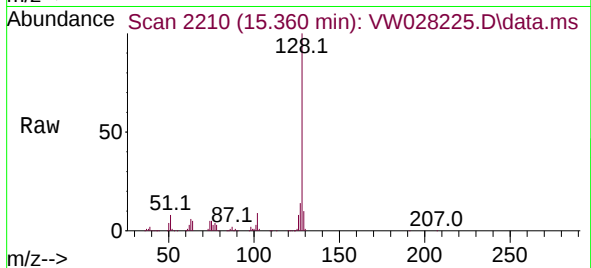
Tgt Ion:128 Resp: 149722

Ion Ratio Lower Upper

128 100

127 14.0 10.9 16.3

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 24.987 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW028225.D

Acq: 21 Mar 2024 16:45

Tgt Ion:180 Resp: 71098

Ion Ratio Lower Upper

180 100

182 94.8 76.0 114.0

145 32.5 27.1 40.7

