

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111924\
 Data File : VX043892.D
 Acq On : 19 Nov 2024 10:53
 Operator : JC/MD
 Sample : VSTD050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 19 23:10:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 19 23:08:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	349890	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	274987	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	120765	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	134577	48.210	ug/L	0.00
7) Chloroethane-d5	1.648	69	65438	55.068	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	52064	46.407	ug/L	0.00
21) 2-Butanone-d5	4.452	46	163129	97.247	ug/L	0.00
24) Chloroform-d	5.050	84	244406	47.251	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.946	65	154259	44.924	ug/L	0.00
32) Benzene-d6	5.970	84	472172	52.068	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.299	67	145356	53.036	ug/L	0.00
41) Toluene-d8	8.647	98	426504	53.615	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	68571	55.287	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	115608	112.978	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	162597	47.051	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	119183	46.494	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	131134	45.677	ug/L	100
3) Chloromethane	1.294	50	138605	47.218	ug/L	100
5) Vinyl chloride	1.374	62	140035	46.916	ug/L	100
6) Bromomethane	1.593	94	53951	43.401	ug/L	100
8) Chloroethane	1.666	64	68552	54.623	ug/L	100
9) Trichlorofluoromethane	1.874	101	178200	44.621	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	108955	45.770	ug/L	100
12) 1,1-Dichloroethene	2.313	96	102685	47.365	ug/L	100
13) Acetone	2.380	43	134017	90.883	ug/L	100
14) Carbon disulfide	2.502	76	216601	47.010	ug/L	100
15) Methyl Acetate	2.703	43	124893	45.276	ug/L	100
16) Methylene chloride	2.782	84	121658	47.860	ug/L	100
17) trans-1,2-Dichloroethene	3.087	96	106871	46.032	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	394744	45.947	ug/L	100
19) 1,1-Dichloroethane	3.605	63	213147	46.082	ug/L	100
20) cis-1,2-Dichloroethene	4.483	96	131620	46.633	ug/L	100
22) 2-Butanone	4.556	43	182770	92.340	ug/L	100
23) Bromochloromethane	4.897	128	68260	47.064	ug/L	100
25) Chloroform	5.086	83	230866	45.705	ug/L	100
27) 1,2-Dichloroethane	6.080	62	179127	44.961	ug/L	100
29) Cyclohexane	5.464	56	181737	50.809	ug/L	100
30) 1,1,1-Trichloroethane	5.373	97	191652	50.511	ug/L	100
31) Carbon tetrachloride	5.672	117	155917	50.662	ug/L	100
33) Benzene	6.031	78	464081	50.485	ug/L	100
34) Trichloroethene	7.123	95	123463	48.939	ug/L	100
35) Methylcyclohexane	7.373	83	181101	52.506	ug/L	100
37) 1,2-Dichloropropane	7.421	63	124200	52.060	ug/L	100
38) Bromodichloromethane	7.818	83	156479	52.300	ug/L	100
39) cis-1,3-Dichloropropene	8.360	75	202326	53.819	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	337517	103.338	ug/L	100
42) Toluene	8.714	91	495267	53.464	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	182115	53.893	ug/L	100

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

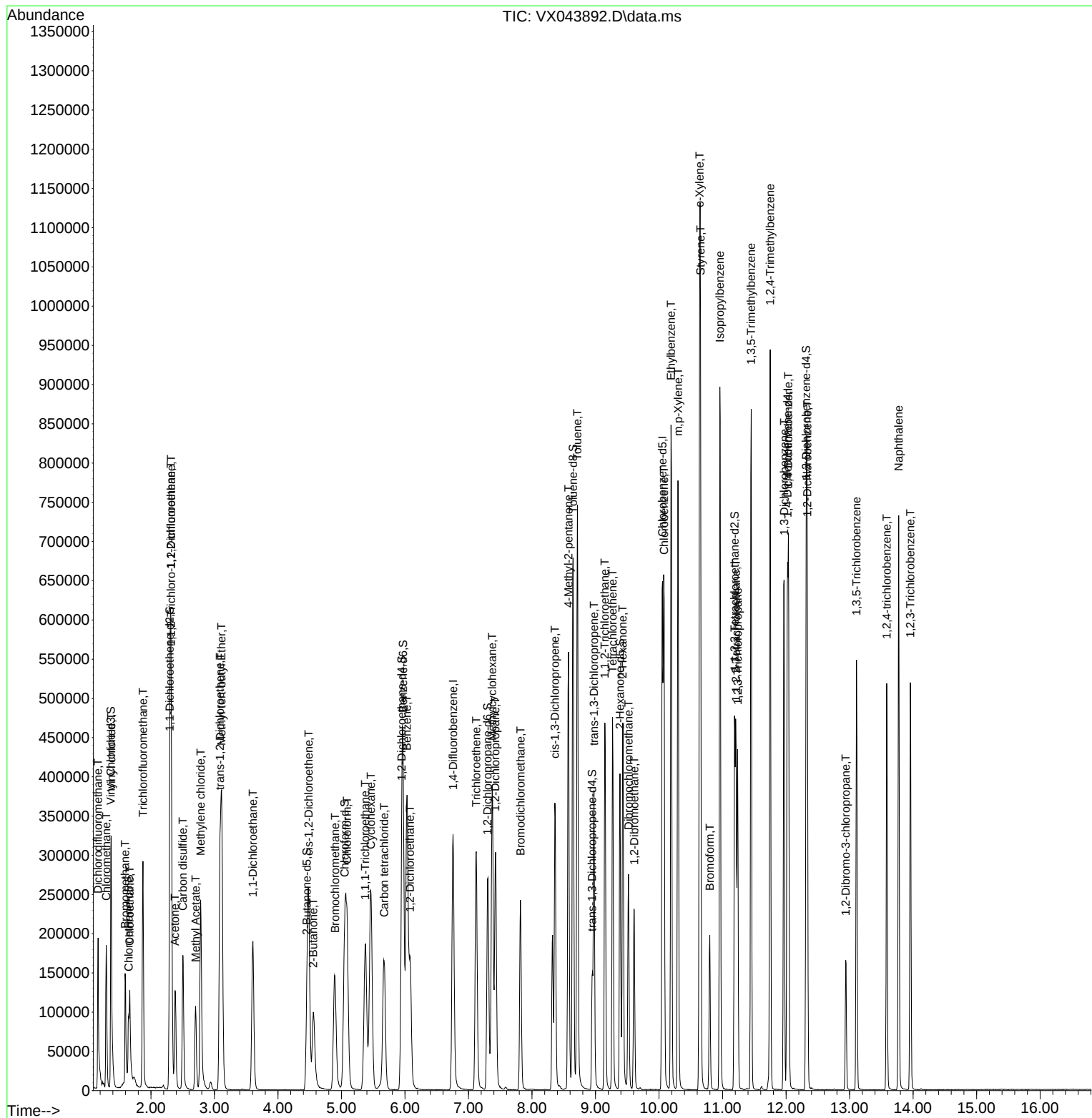
45) 1,1,2-Trichloroethane	9.147	97	127252	54.241	ug/L	100
46) Tetrachloroethene	9.269	164	87280	53.096	ug/L	100
48) 2-Hexanone	9.427	43	260829	105.801	ug/L	100
49) Dibromochloromethane	9.519	129	119699	55.192	ug/L	100
50) 1,2-Dibromoethane	9.610	107	132370	53.565	ug/L	100
51) Chlorobenzene	10.079	112	275034	47.864	ug/L	100
52) Ethylbenzene	10.189	91	482467	49.411	ug/L	100
53) m,p-Xylene	10.299	106	168928	46.581	ug/L	100
54) o-Xylene	10.640	106	171890	47.077	ug/L	100
55) Styrene	10.652	104	288116	47.669	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	162050	46.146	ug/L	100
59) Bromoform	10.799	173	65377	48.315	ug/L	100
60) Isopropylbenzene	10.957	105	471046	49.495	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	127029	46.165	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	366194	48.703	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	385085	51.366	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	199388	49.936	ug/L	100
65) 1,4-Dichlorobenzene	12.036	146	187583	47.311	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	182682	44.188	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	30248	43.923	ug/L	100
69) 1,3,5-Trichlorobenzene	13.109	180	115599	44.868	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	107393	45.207	ug/L	100
71) Naphthalene	13.774	128	410492	46.451	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	112017	46.798	ug/L	100

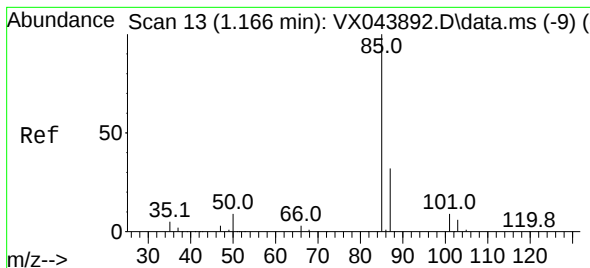
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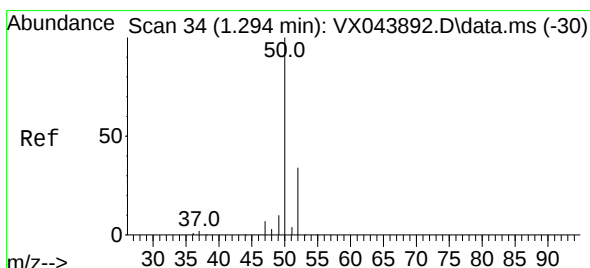
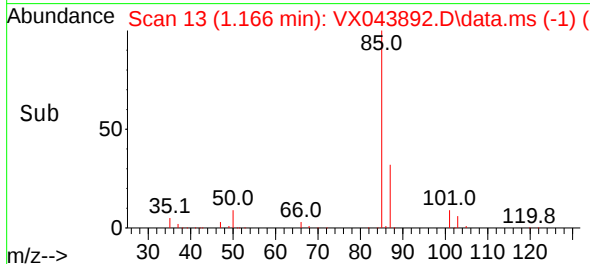
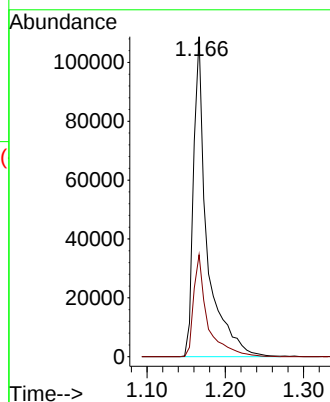
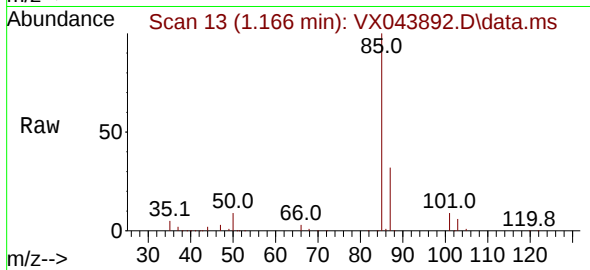




#2
Dichlorodifluoromethane
Concen: 45.677 ug/L
RT: 1.166 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX043892.D
Acq: 19 Nov 2024 10:53

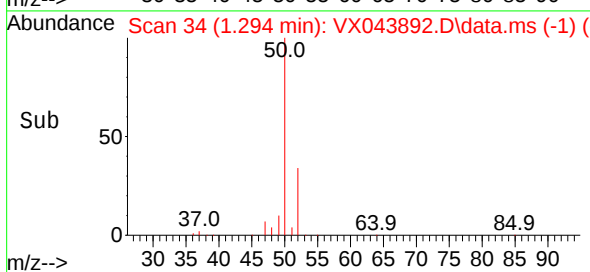
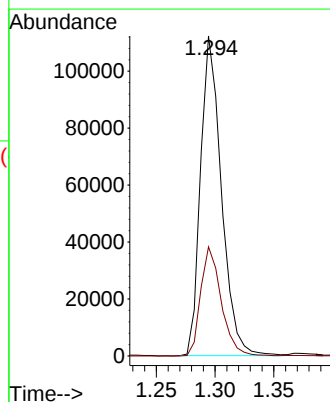
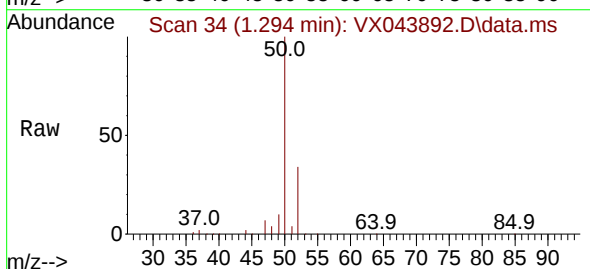
Instrument :
MSVOA_X
ClientSampleId :

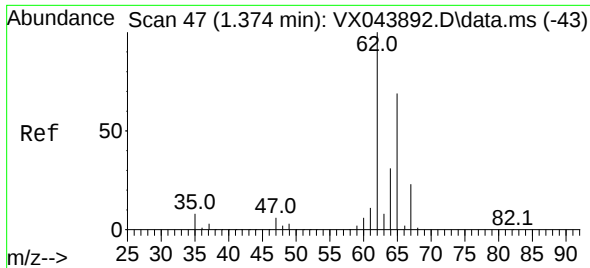
Tgt Ion: 85 Resp: 131134
Ion Ratio Lower Upper
85 100
87 32.6 26.1 39.1



#3
Chloromethane
Concen: 47.218 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043892.D
Acq: 19 Nov 2024 10:53

Tgt Ion: 50 Resp: 138605
Ion Ratio Lower Upper
50 100
52 34.1 23.9 44.3

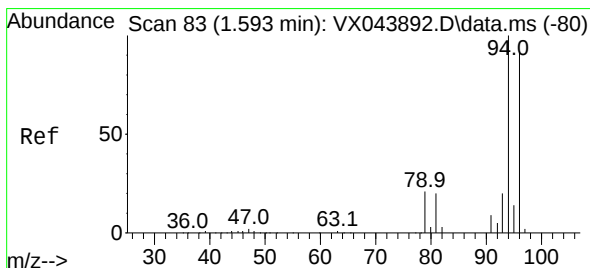
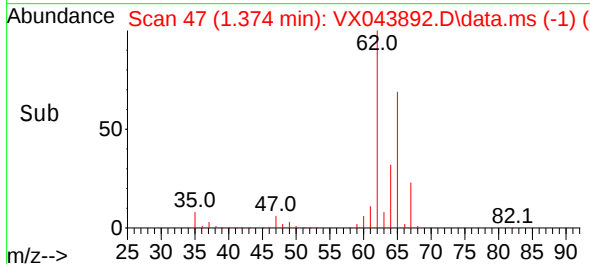
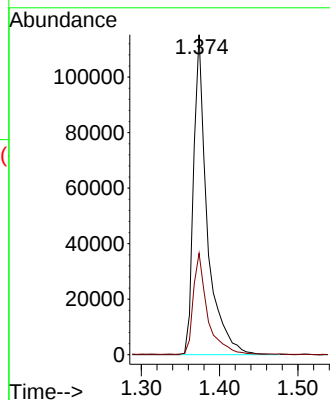
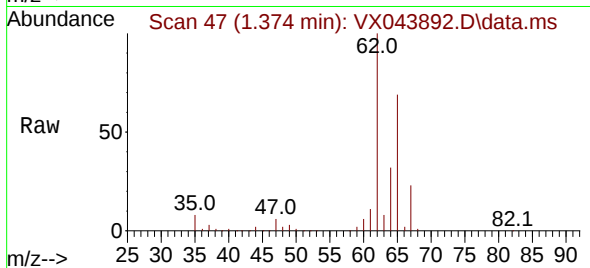




#5
Vinyl chloride
Concen: 46.916 ug/L
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX043892.D
Acq: 19 Nov 2024 10:53

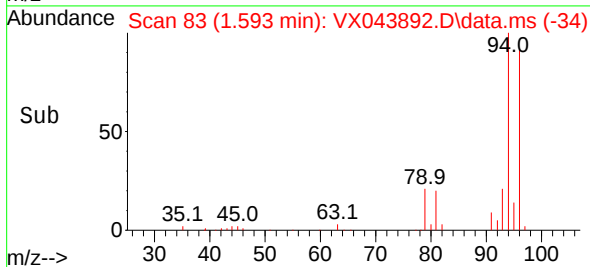
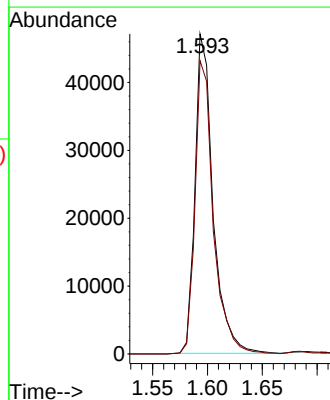
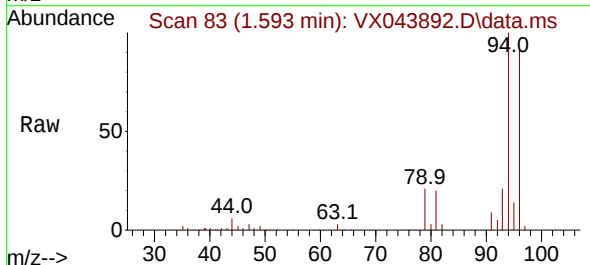
Instrument :
MSVOA_X
ClientSampleId :

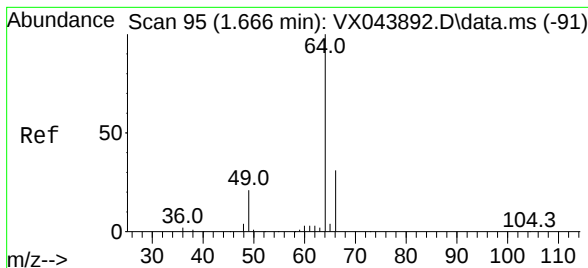
Tgt Ion: 62 Resp: 140035
Ion Ratio Lower Upper
62 100
64 31.7 22.2 41.2



#6
Bromomethane
Concen: 43.401 ug/L
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX043892.D
Acq: 19 Nov 2024 10:53

Tgt Ion: 94 Resp: 53951
Ion Ratio Lower Upper
94 100
96 91.7 64.2 119.2





#8

Chloroethane

Concen: 54.623 ug/L

RT: 1.666 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX043892.D

Acq: 19 Nov 2024 10:53

Instrument :

MSVOA_X

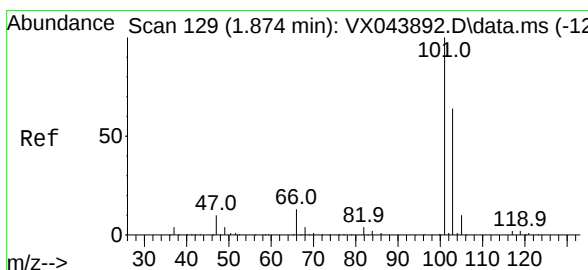
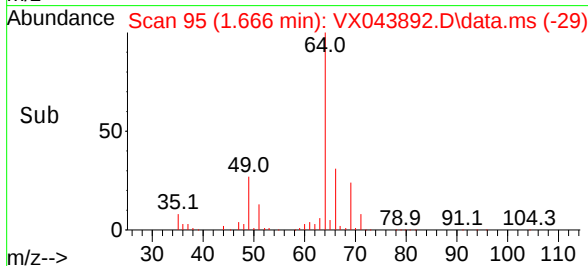
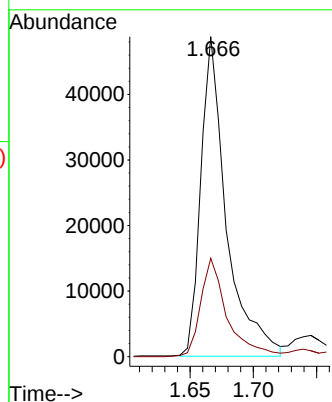
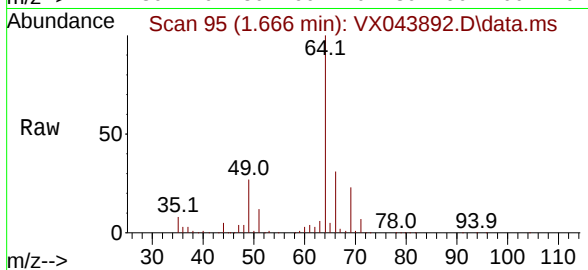
ClientSampleId :

Tgt Ion: 64 Resp: 68552

Ion Ratio Lower Upper

64 100

66 30.7 21.5 39.9



#9

Trichlorofluoromethane

Concen: 44.621 ug/L

RT: 1.874 min Scan# 129

Delta R.T. 0.000 min

Lab File: VX043892.D

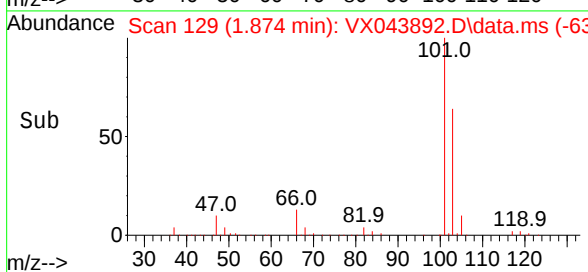
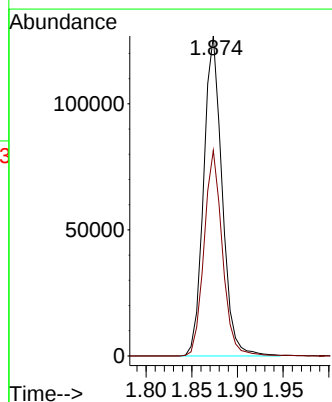
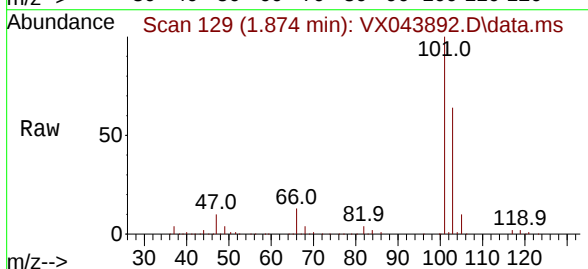
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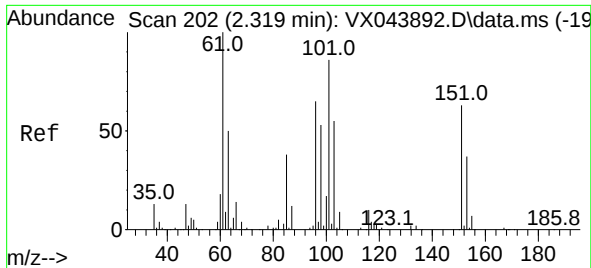
Tgt Ion:101 Resp: 178200

Ion Ratio Lower Upper

101 100

103 63.5 50.8 76.2

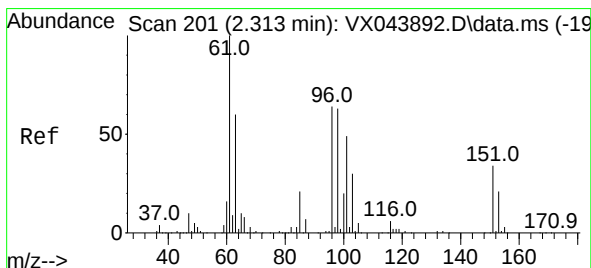
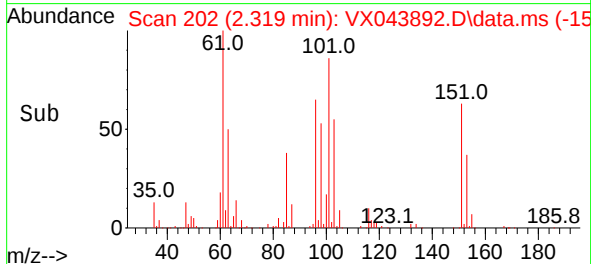
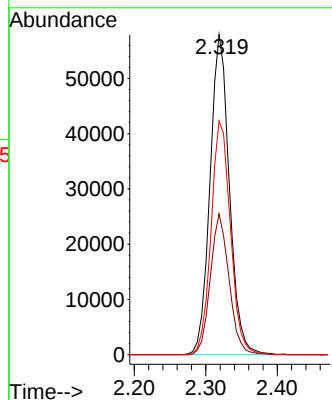
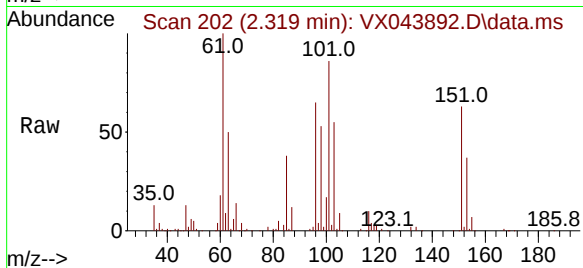




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 45.770 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX043892.D
Acq: 19 Nov 2024 10:53

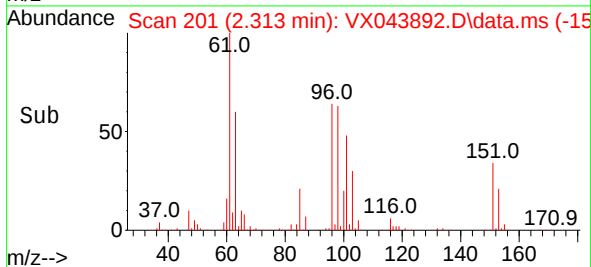
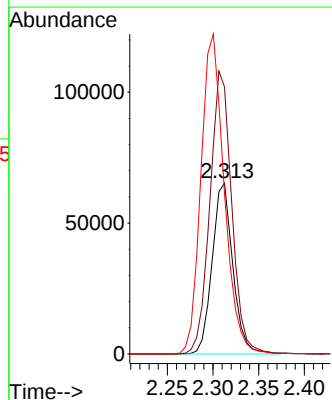
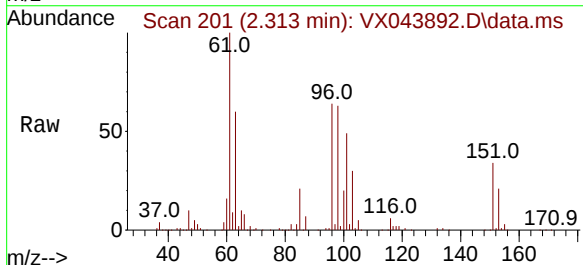
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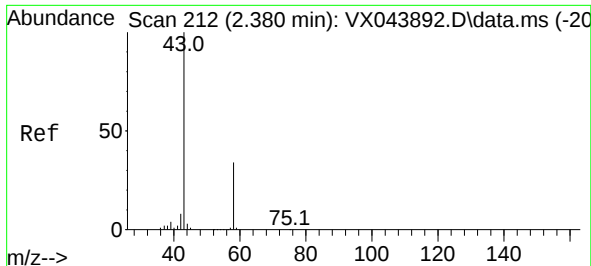
Tgt Ion:101 Resp: 108955
Ion Ratio Lower Upper
101 100
85 42.4 33.9 50.9
151 73.1 58.5 87.7



#12
1,1-Dichloroethene
Concen: 47.365 ug/L
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX043892.D
Acq: 19 Nov 2024 10:53

Tgt Ion: 96 Resp: 102685
Ion Ratio Lower Upper
96 100
61 156.2 109.3 203.1
63 93.9 65.7 122.1





#13

Acetone

Concen: 90.883 ug/L

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX043892.D

Acq: 19 Nov 2024 10:53

Instrument :

MSVOA_X

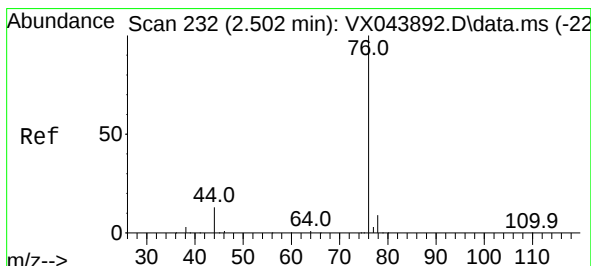
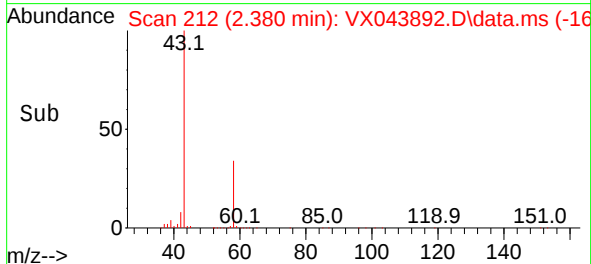
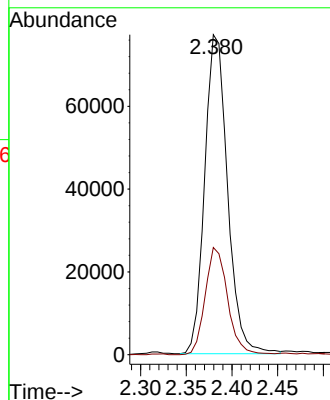
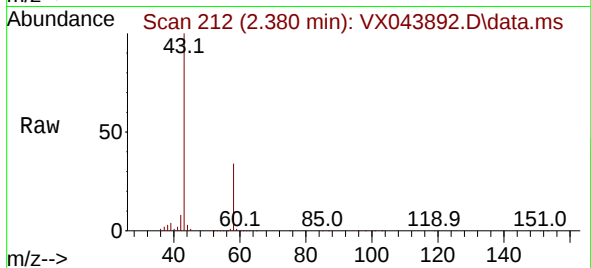
ClientSampleId :

Tgt Ion: 43 Resp: 134017

Ion Ratio Lower Upper

43 100

58 33.0 0.0 66.0



#14

Carbon disulfide

Concen: 47.010 ug/L

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX043892.D

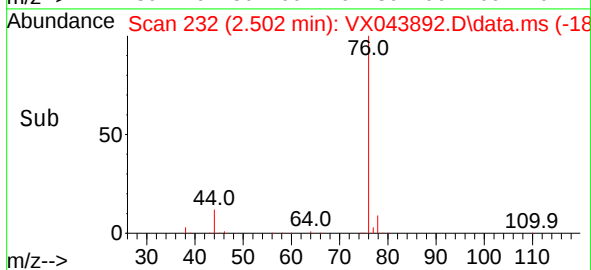
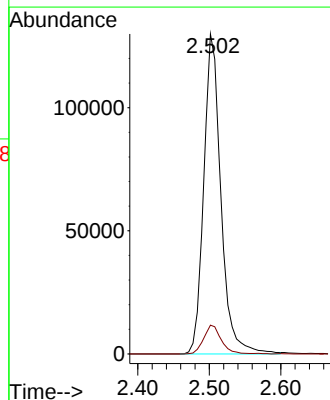
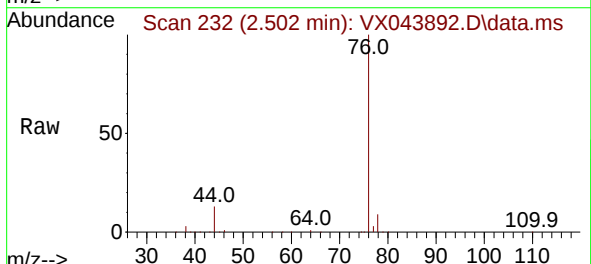
Acq: 19 Nov 2024 10:53

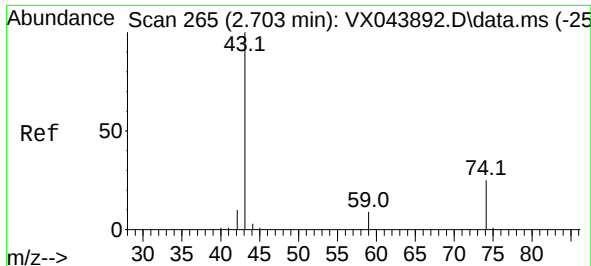
Tgt Ion: 76 Resp: 216601

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8





#15

Methyl Acetate

Concen: 45.276 ug/L

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX043892.D

Acq: 19 Nov 2024 10:53

Instrument :

MSVOA_X

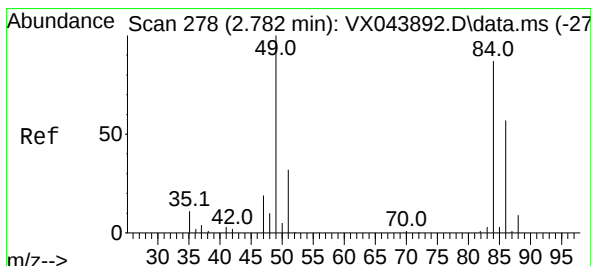
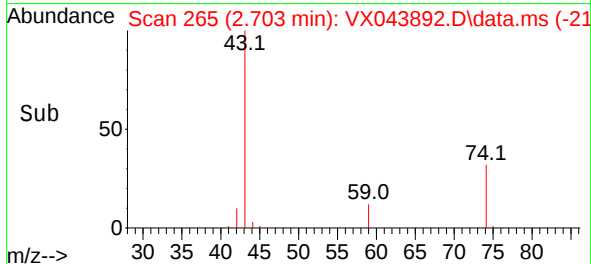
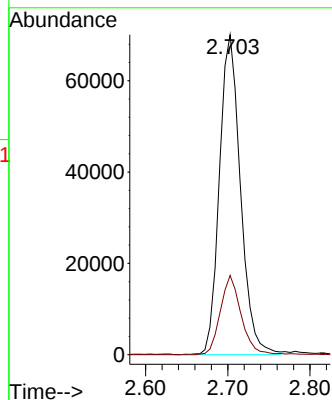
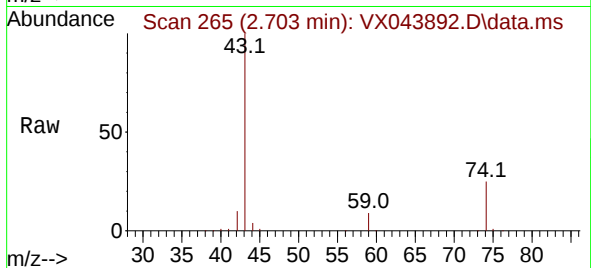
ClientSampleId :

Tgt Ion: 43 Resp: 124893

Ion Ratio Lower Upper

43 100

74 24.3 19.4 29.2



#16

Methylene chloride

Concen: 47.860 ug/L

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX043892.D

Acq: 19 Nov 2024 10:53

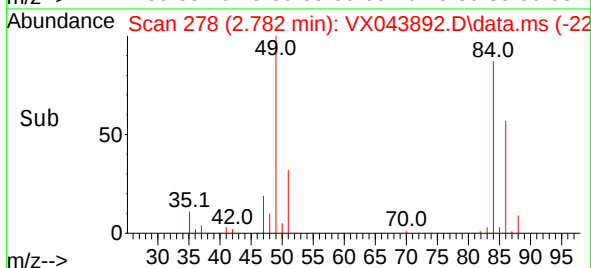
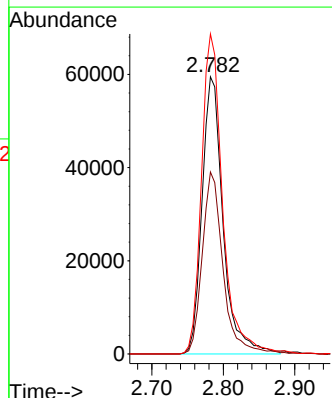
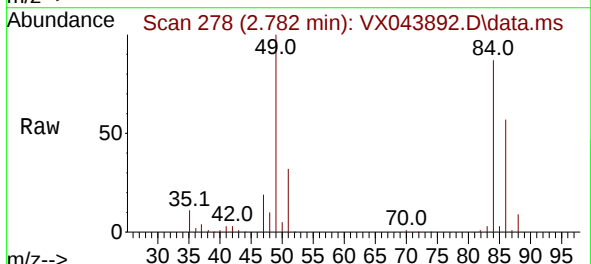
Tgt Ion: 84 Resp: 121658

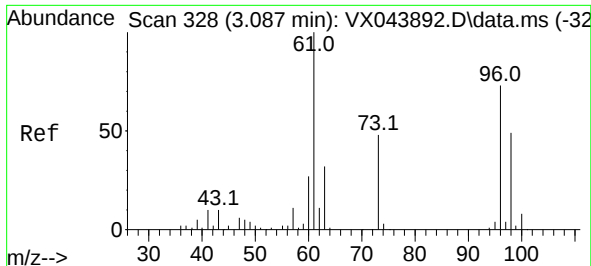
Ion Ratio Lower Upper

84 100

86 65.7 46.0 85.4

49 115.5 80.8 150.2

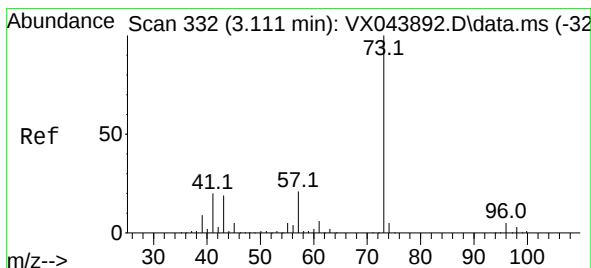
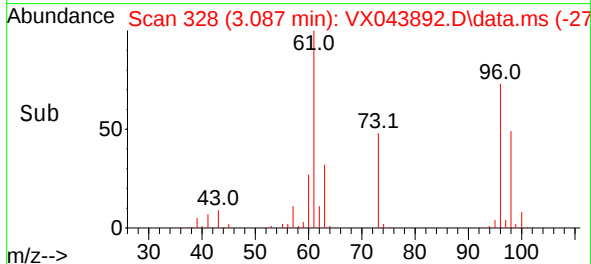
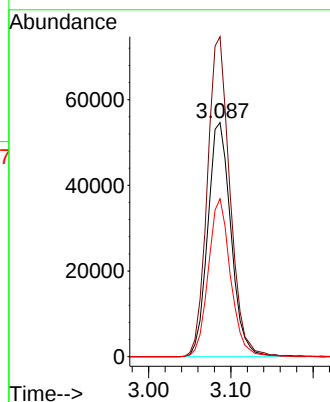
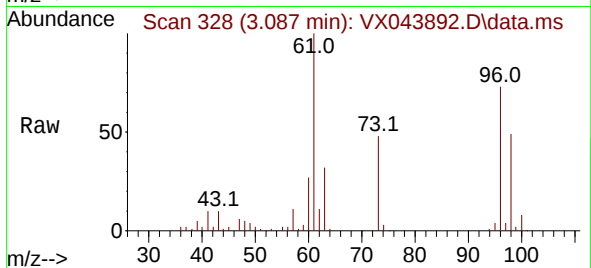




#17
trans-1,2-Dichloroethene
Concen: 46.032 ug/L
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX043892.D
Acq: 19 Nov 2024 10:53

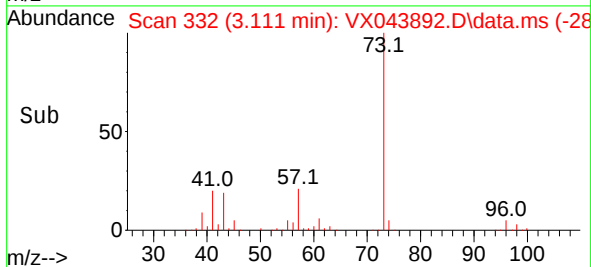
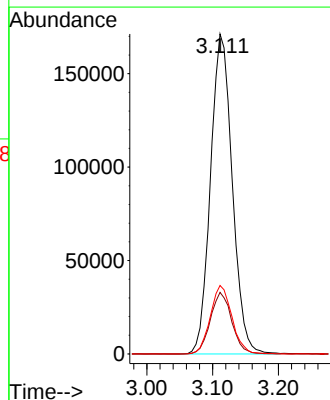
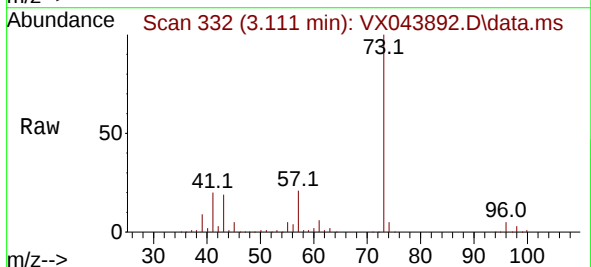
Instrument :
MSVOA_X
ClientSampleId :

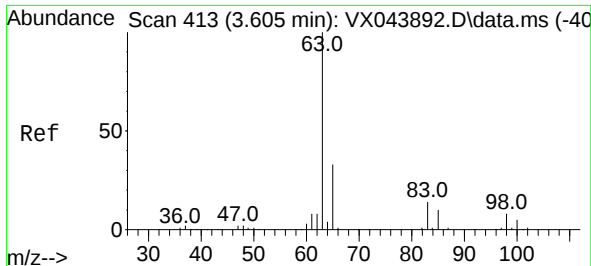
Tgt Ion: 96 Resp: 106871
Ion Ratio Lower Upper
96 100
61 136.7 95.7 177.7
98 67.4 47.2 87.6



#18
Methyl tert-butyl Ether
Concen: 45.947 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX043892.D
Acq: 19 Nov 2024 10:53

Tgt Ion: 73 Resp: 394744
Ion Ratio Lower Upper
73 100
43 19.0 15.2 22.8
57 21.3 17.0 25.6





#19

1,1-Dichloroethane

Concen: 46.082 ug/L

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX043892.D

Acq: 19 Nov 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

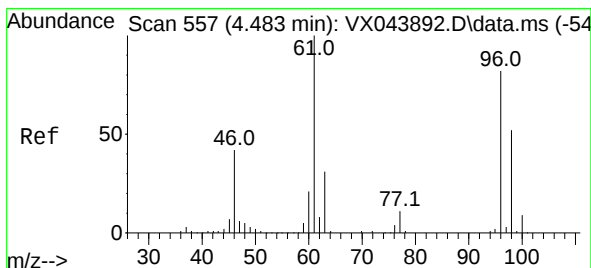
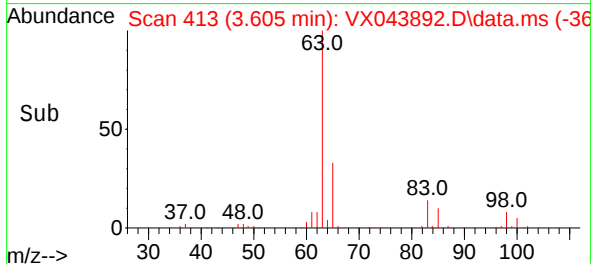
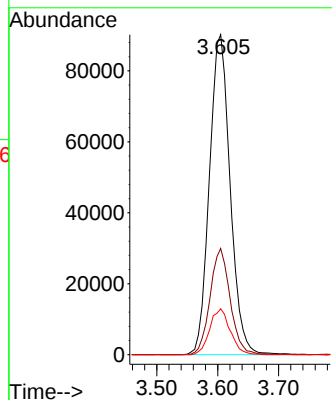
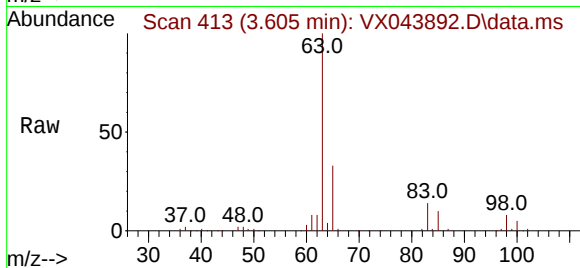
Tgt Ion: 63 Resp: 213147

Ion Ratio Lower Upper

63 100

65 33.2 23.2 43.2

83 14.3 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 46.633 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX043892.D

Acq: 19 Nov 2024 10:53

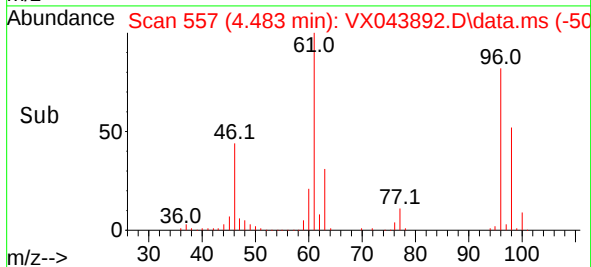
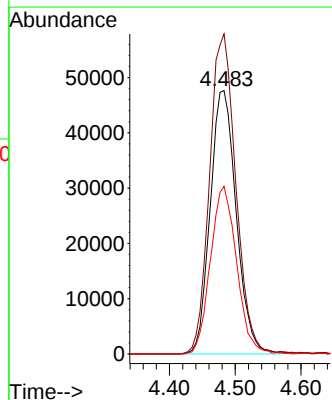
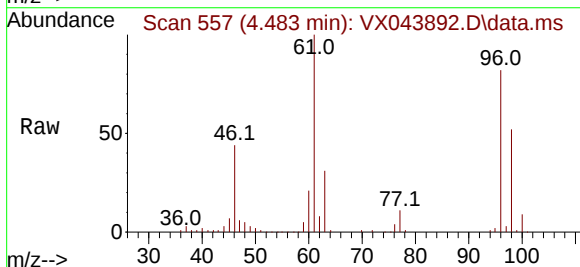
Tgt Ion: 96 Resp: 131620

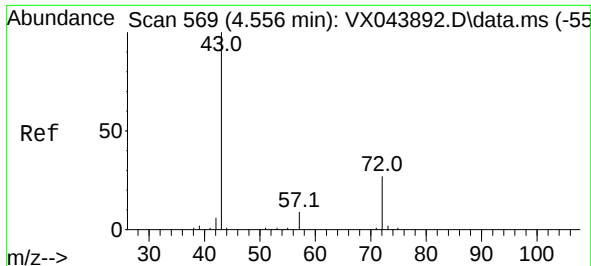
Ion Ratio Lower Upper

96 100

61 121.5 85.0 158.0

98 63.7 44.6 82.8

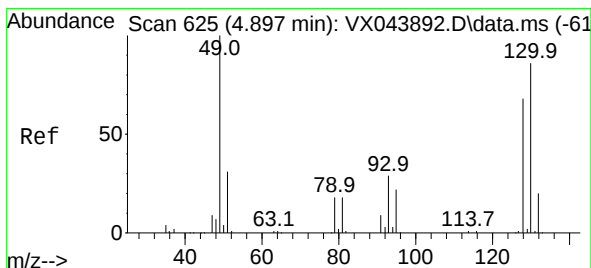
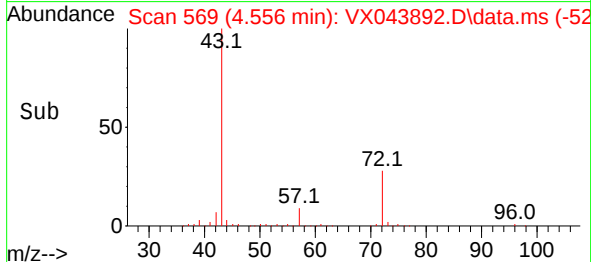
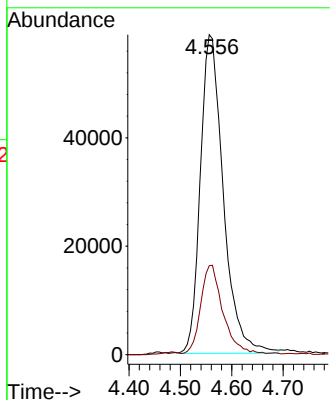
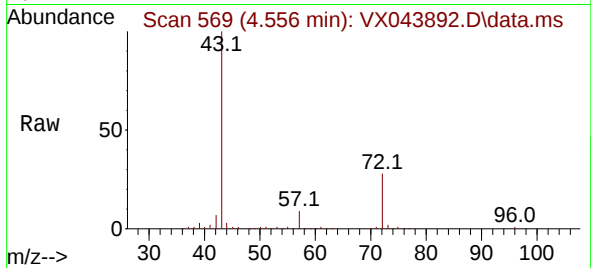




#22
2-Butanone
Concen: 92.340 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX043892.D
Acq: 19 Nov 2024 10:53

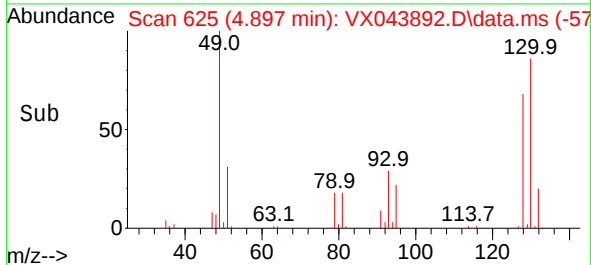
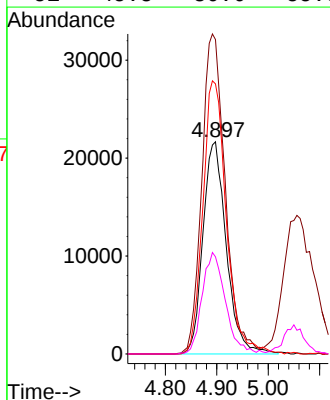
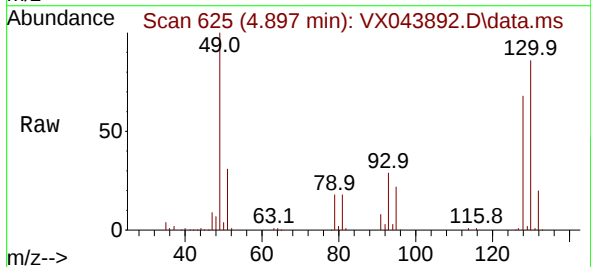
Instrument :
MSVOA_X
ClientSampleId :

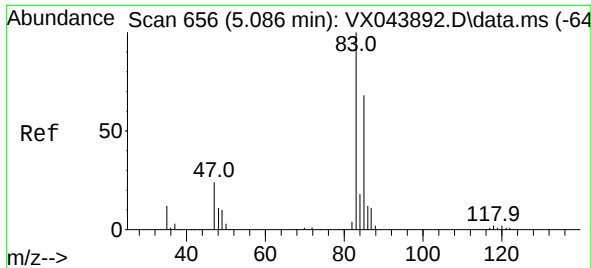
Tgt Ion: 43 Resp: 182770
Ion Ratio Lower Upper
43 100
72 26.2 13.1 39.3



#23
Bromochloromethane
Concen: 47.064 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX043892.D
Acq: 19 Nov 2024 10:53

Tgt Ion:128 Resp: 68260
Ion Ratio Lower Upper
128 100
49 148.1 103.7 192.5
130 127.3 89.1 165.5
51 45.8 36.6 55.0

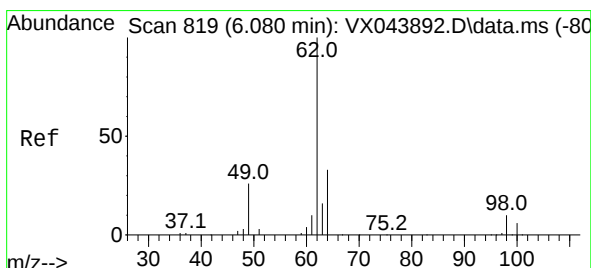
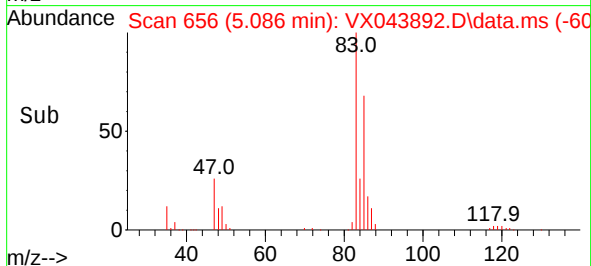
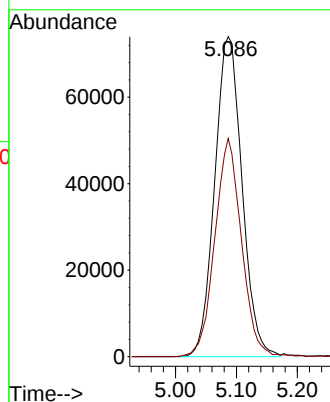
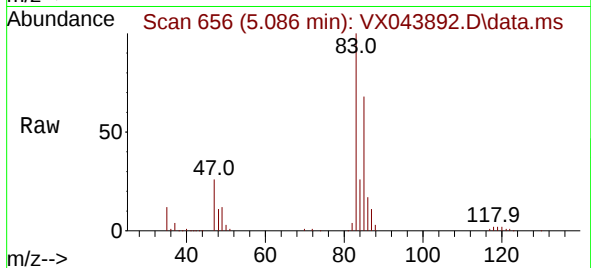




#25
Chloroform
Concen: 45.705 ug/L
RT: 5.086 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX043892.D
Acq: 19 Nov 2024 10:53

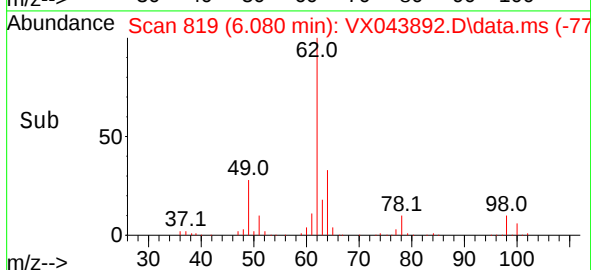
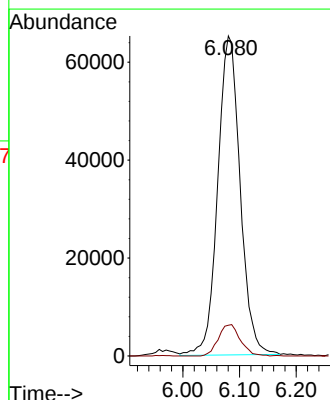
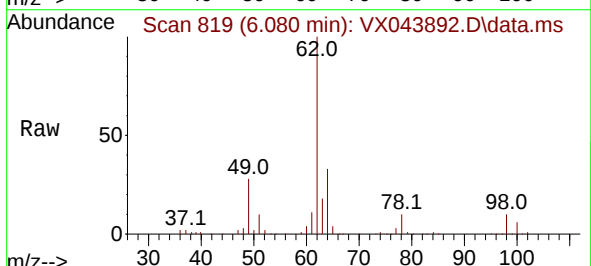
Instrument :
MSVOA_X
ClientSampleId :

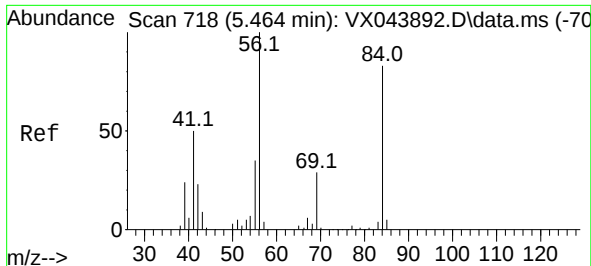
Tgt Ion: 83 Resp: 230866
Ion Ratio Lower Upper
83 100
85 68.2 47.7 88.7



#27
1,2-Dichloroethane
Concen: 44.961 ug/L
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX043892.D
Acq: 19 Nov 2024 10:53

Tgt Ion: 62 Resp: 179127
Ion Ratio Lower Upper
62 100
98 9.6 7.7 11.5





#29

Cyclohexane

Concen: 50.809 ug/L

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX043892.D

Acq: 19 Nov 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

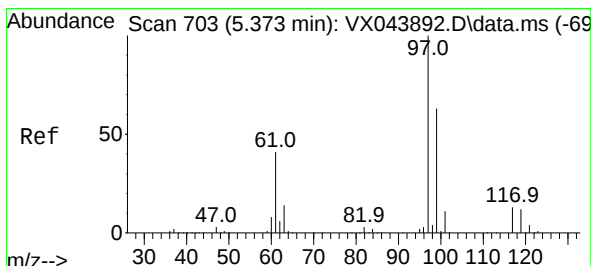
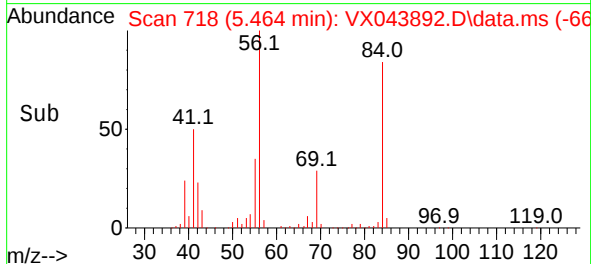
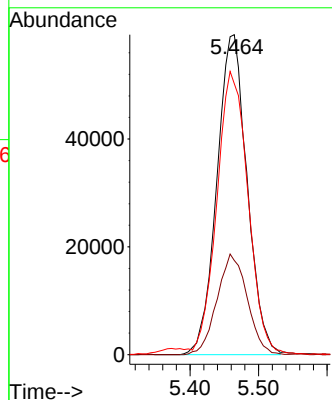
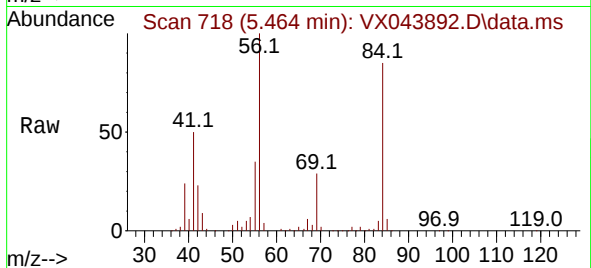
Tgt Ion: 56 Resp: 181737

Ion Ratio Lower Upper

56 100

69 31.4 25.1 37.7

84 91.1 72.9 109.3



#30

1,1,1-Trichloroethane

Concen: 50.511 ug/L

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX043892.D

Acq: 19 Nov 2024 10:53

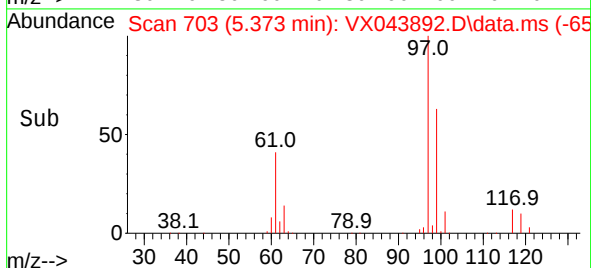
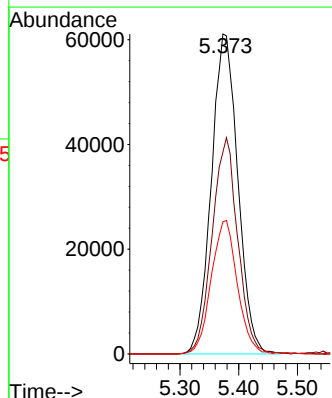
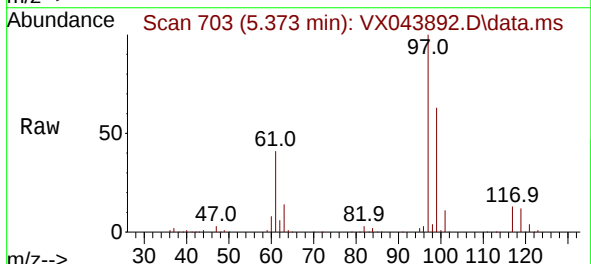
Tgt Ion: 97 Resp: 191652

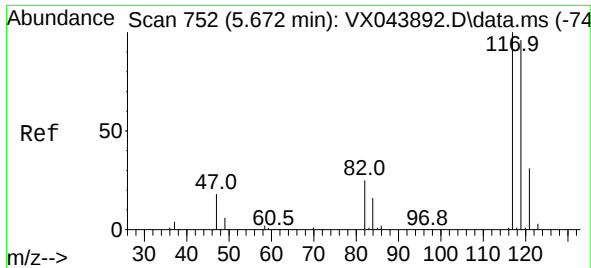
Ion Ratio Lower Upper

97 100

99 65.2 52.2 78.2

61 41.0 32.8 49.2

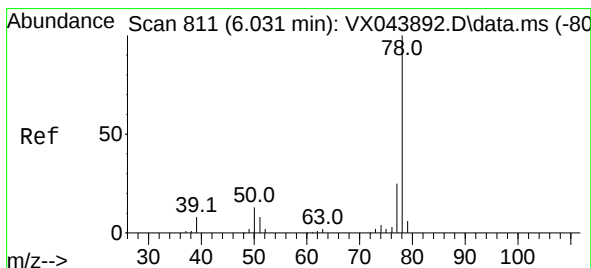
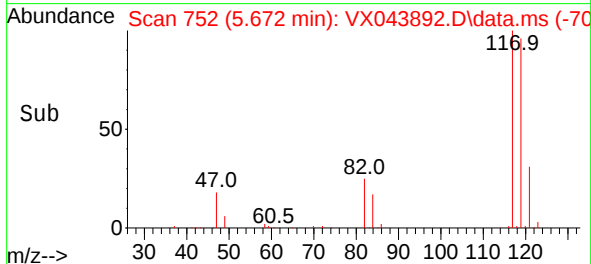
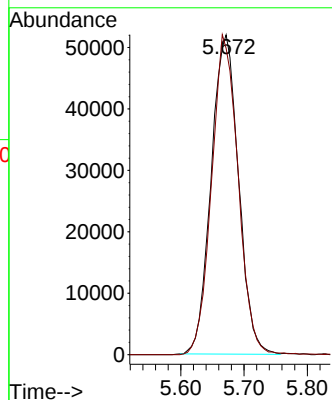
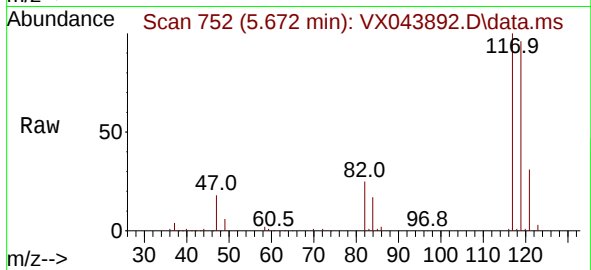




#31
Carbon tetrachloride
Concen: 50.662 ug/L
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX043892.D
Acq: 19 Nov 2024 10:53

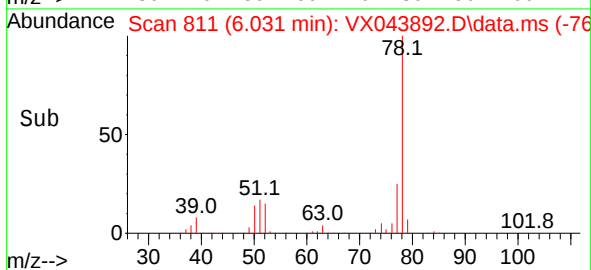
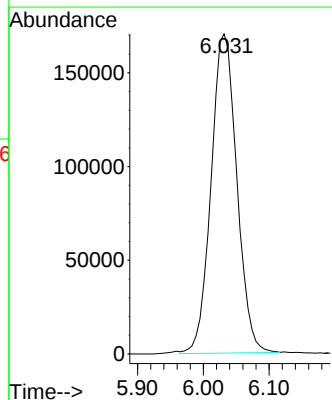
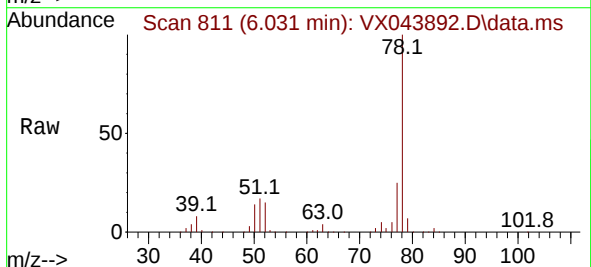
Instrument :
MSVOA_X
ClientSampleId :

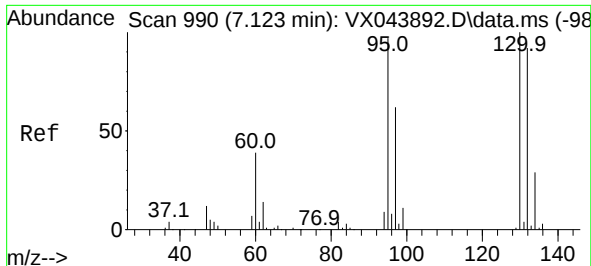
Tgt Ion:117 Resp: 155917
Ion Ratio Lower Upper
117 100
119 97.1 77.7 116.5



#33
Benzene
Concen: 50.485 ug/L
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX043892.D
Acq: 19 Nov 2024 10:53

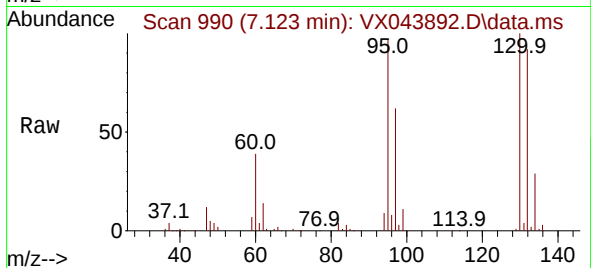
Tgt Ion: 78 Resp: 464081



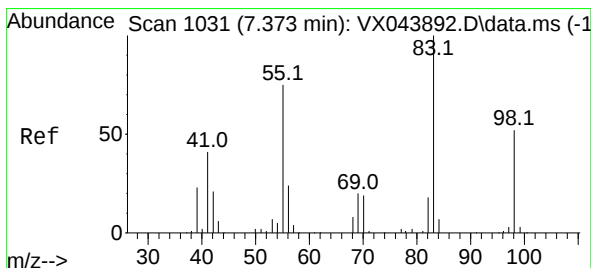
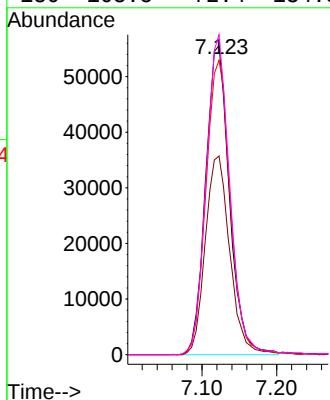
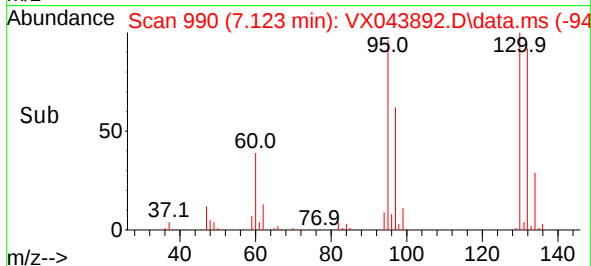


#34
Trichloroethene
Concen: 48.939 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX043892.D
Acq: 19 Nov 2024 10:53

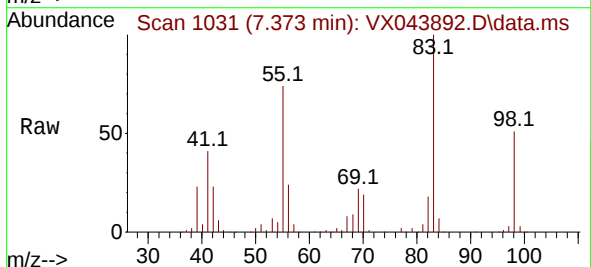
Instrument :
MSVOA_X
ClientSampleId :



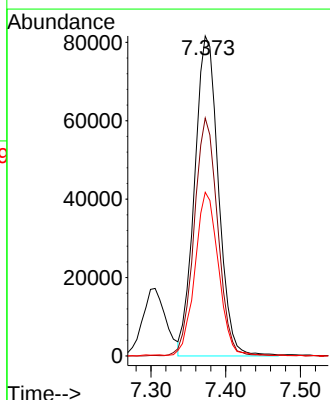
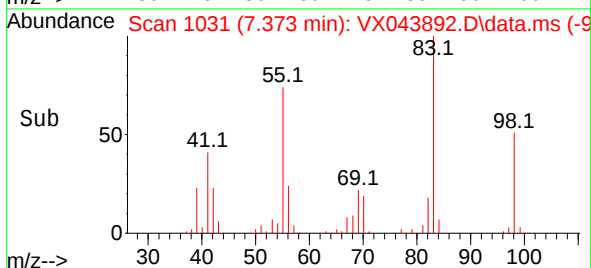
Tgt Ion: 95 Resp: 123463
Ion Ratio Lower Upper
95 100
97 64.3 45.0 83.6
132 95.2 66.6 123.8
130 103.5 72.4 134.5

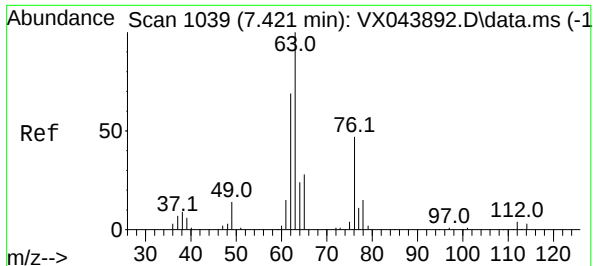


#35
Methylcyclohexane
Concen: 52.506 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX043892.D
Acq: 19 Nov 2024 10:53



Tgt Ion: 83 Resp: 181101
Ion Ratio Lower Upper
83 100
55 73.1 58.5 87.7
98 50.6 40.5 60.7

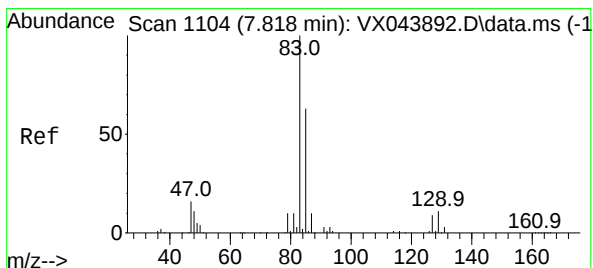
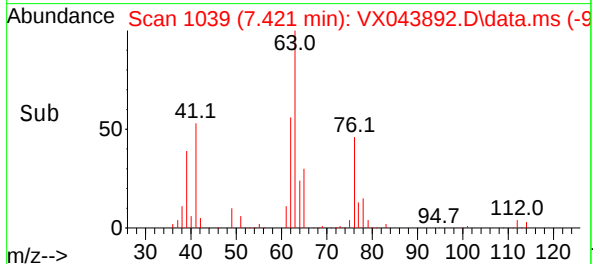
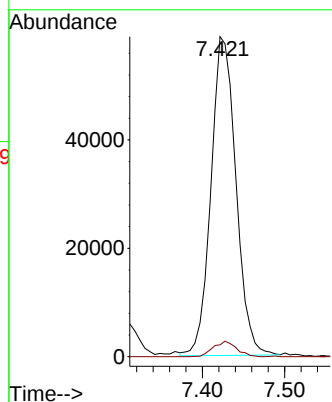
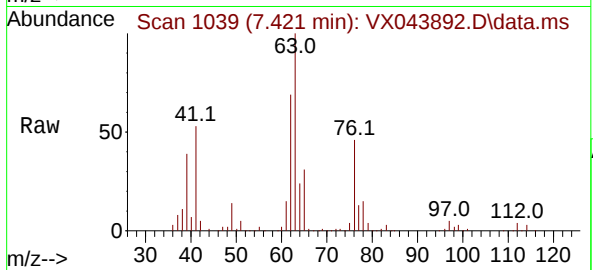




#37
1,2-Dichloropropane
Concen: 52.060 ug/L
RT: 7.421 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VX043892.D
Acq: 19 Nov 2024 10:53

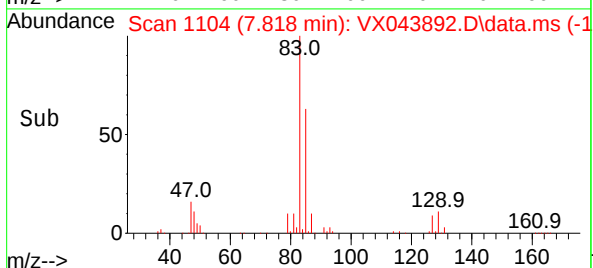
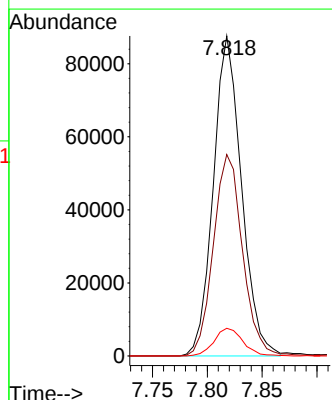
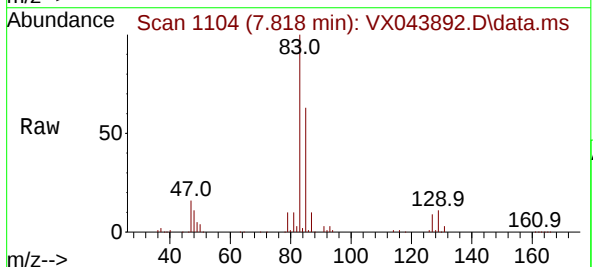
Instrument :
MSVOA_X
ClientSampleId :

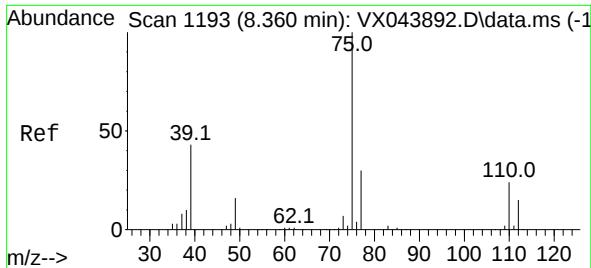
Tgt Ion: 63 Resp: 124200
Ion Ratio Lower Upper
63 100
112 4.5 3.6 5.4



#38
Bromodichloromethane
Concen: 52.300 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX043892.D
Acq: 19 Nov 2024 10:53

Tgt Ion: 83 Resp: 156479
Ion Ratio Lower Upper
83 100
85 63.0 44.1 81.9
127 8.7 7.0 10.4

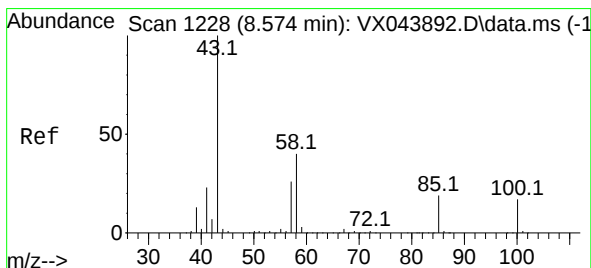
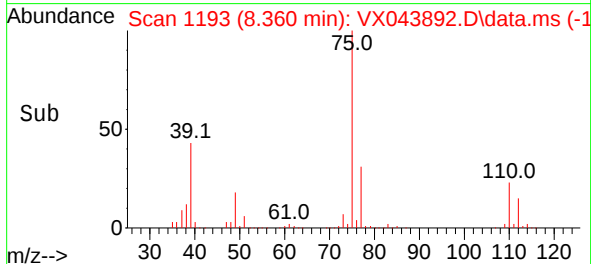
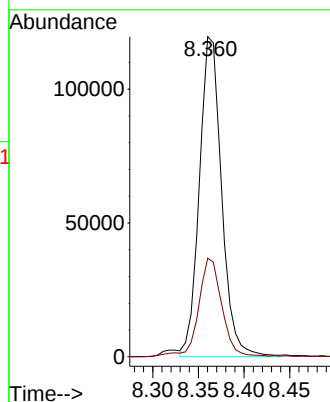
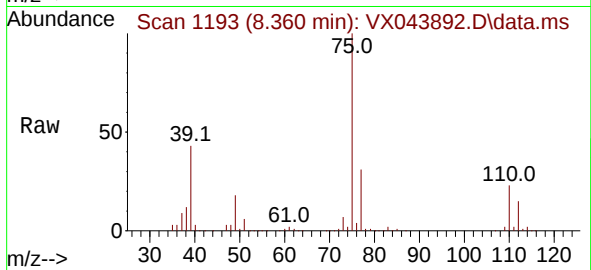




#39
 cis-1,3-Dichloropropene
 Concen: 53.819 ug/L
 RT: 8.360 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX043892.D
 Acq: 19 Nov 2024 10:53

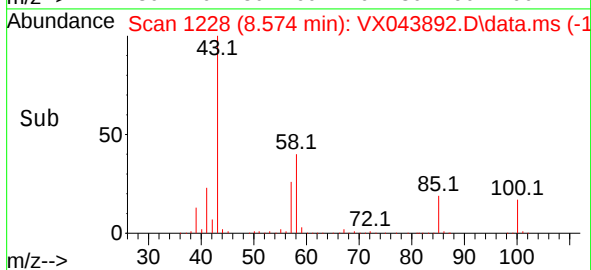
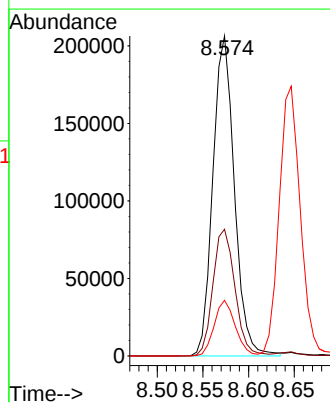
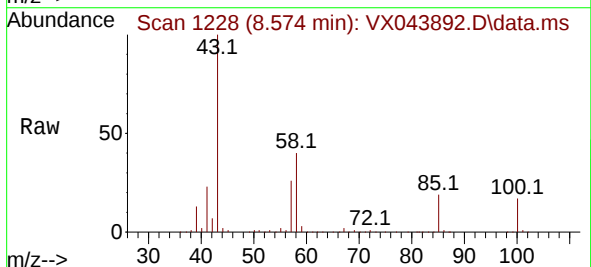
Instrument :
 MSVOA_X
 ClientSampleId :

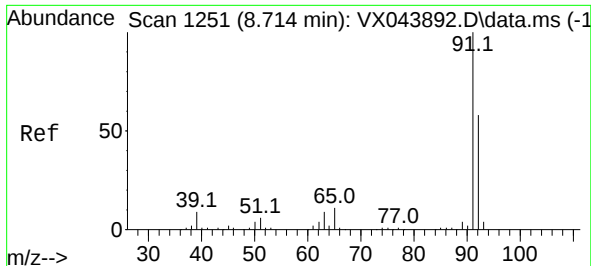
Tgt Ion: 75 Resp: 202326
 Ion Ratio Lower Upper
 75 100
 77 30.8 21.6 40.0



#40
 4-Methyl-2-pentanone
 Concen: 103.338 ug/L
 RT: 8.574 min Scan# 1228
 Delta R.T. 0.000 min
 Lab File: VX043892.D
 Acq: 19 Nov 2024 10:53

Tgt Ion: 43 Resp: 337517
 Ion Ratio Lower Upper
 43 100
 58 40.5 32.4 48.6
 100 17.1 13.7 20.5





#42

Toluene

Concen: 53.464 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX043892.D

Acq: 19 Nov 2024 10:53

Instrument :

MSVOA_X

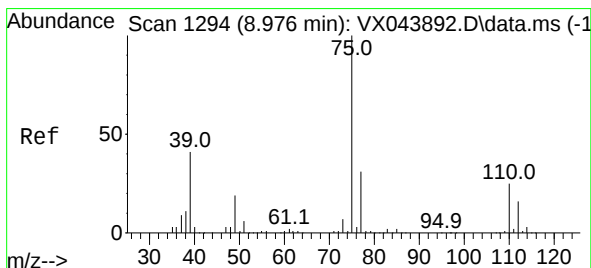
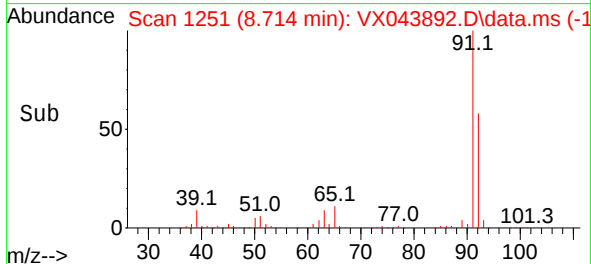
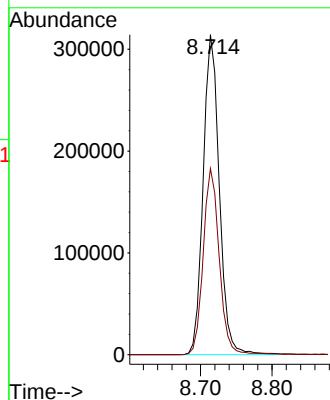
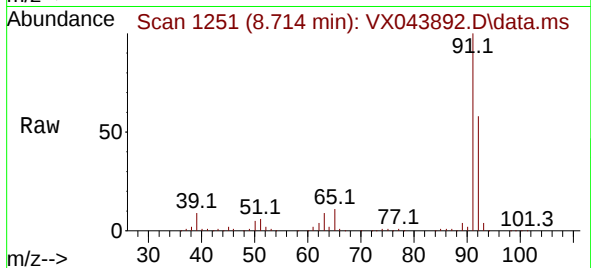
ClientSampleId :

Tgt Ion: 91 Resp: 495267

Ion Ratio Lower Upper

91 100

92 58.1 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 53.893 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX043892.D

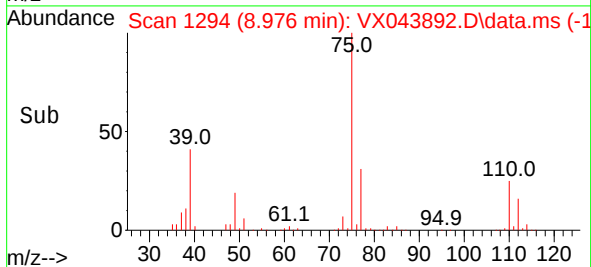
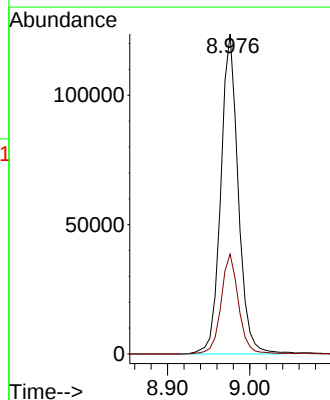
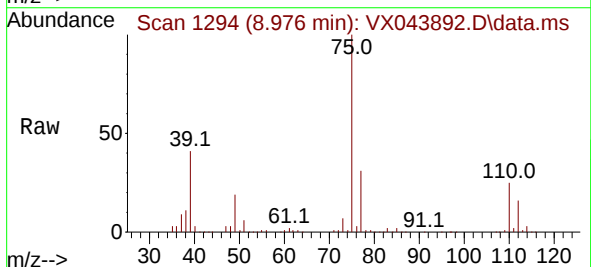
Acq: 19 Nov 2024 10:53

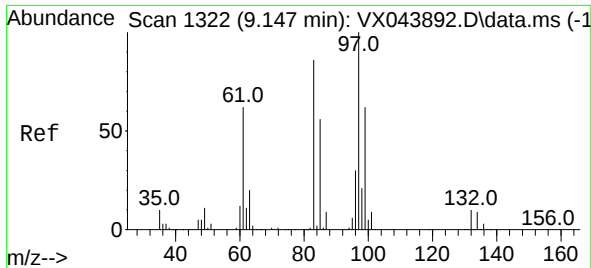
Tgt Ion: 75 Resp: 182115

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 54.241 ug/L

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX043892.D

Acq: 19 Nov 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 127252

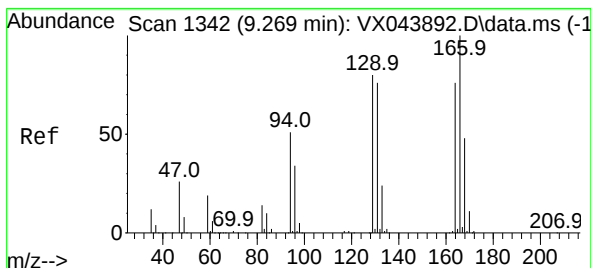
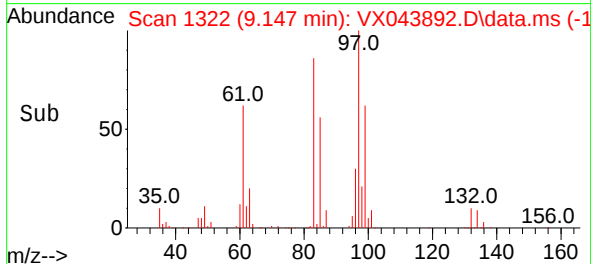
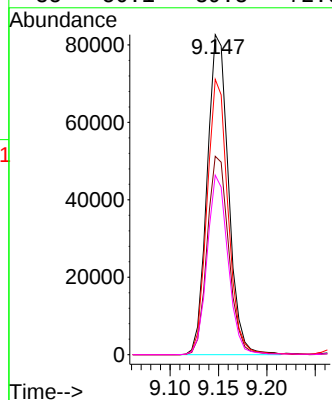
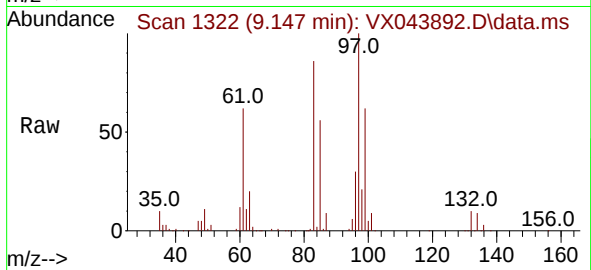
Ion Ratio Lower Upper

97 100

99 62.0 43.4 80.6

83 86.0 60.2 111.8

85 56.1 39.3 72.9



#46

Tetrachloroethene

Concen: 53.096 ug/L

RT: 9.269 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX043892.D

Acq: 19 Nov 2024 10:53

Tgt Ion:164 Resp: 87280

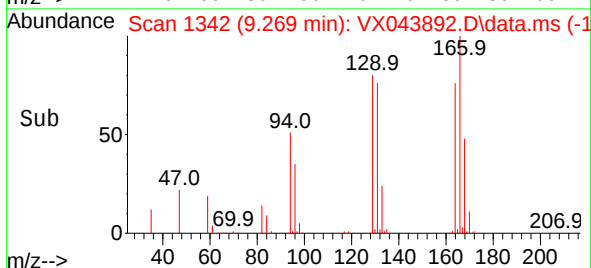
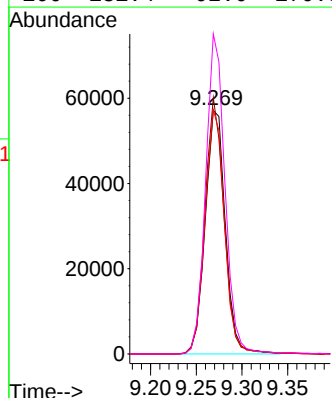
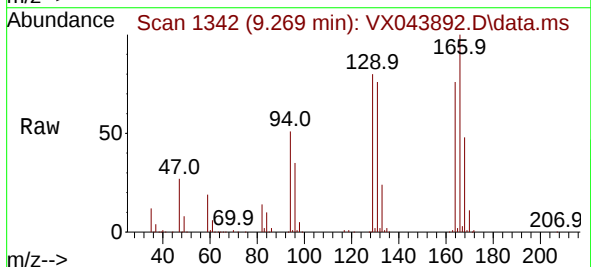
Ion Ratio Lower Upper

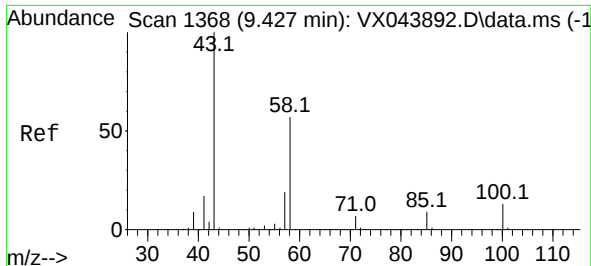
164 100

129 105.1 73.6 136.6

131 100.3 70.2 130.4

166 131.4 92.0 170.8





#48

2-Hexanone

Concen: 105.801 ug/L

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX043892.D

Acq: 19 Nov 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 260829

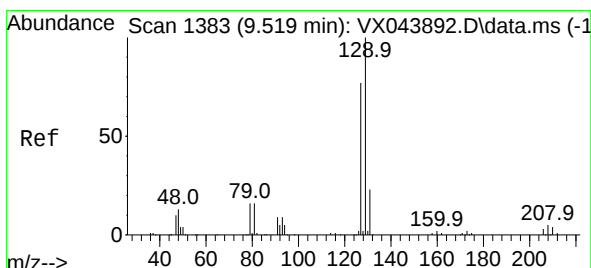
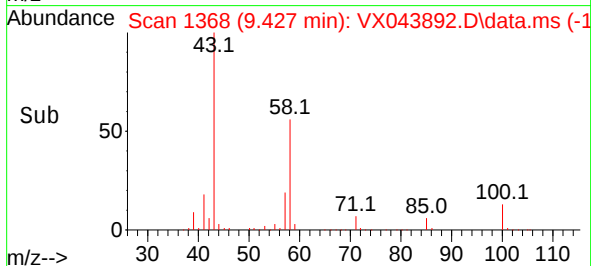
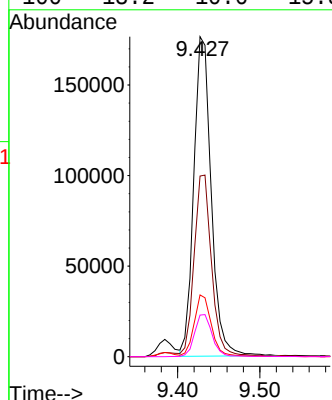
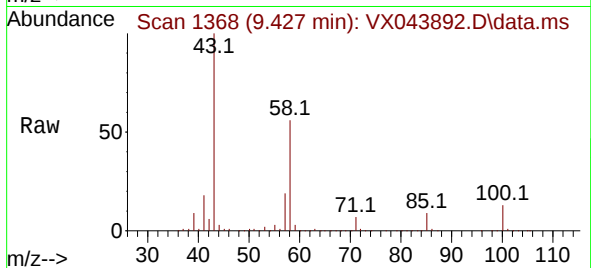
Ion Ratio Lower Upper

43 100

58 56.8 45.4 68.2

57 19.2 15.4 23.0

100 13.2 10.6 15.8



#49

Dibromochloromethane

Concen: 55.192 ug/L

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX043892.D

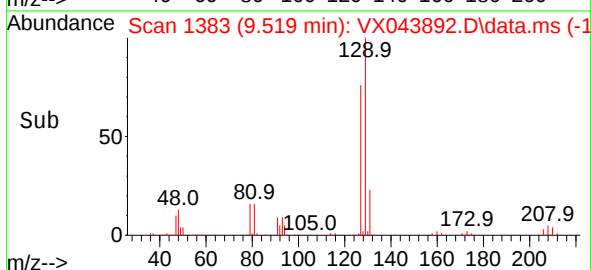
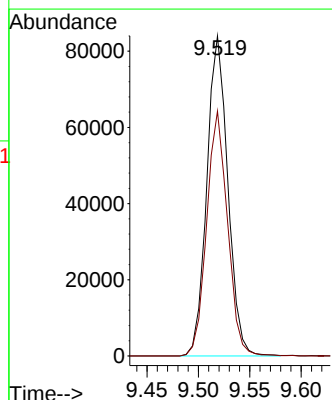
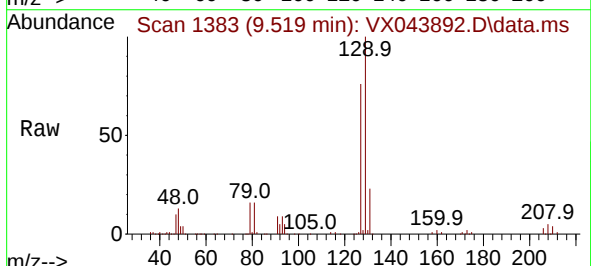
Acq: 19 Nov 2024 10:53

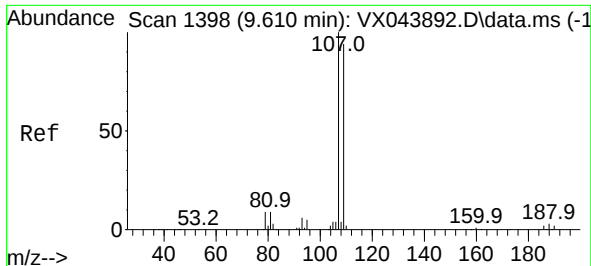
Tgt Ion:129 Resp: 119699

Ion Ratio Lower Upper

129 100

127 76.5 53.5 99.5

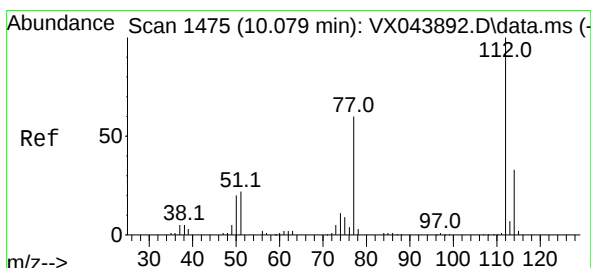
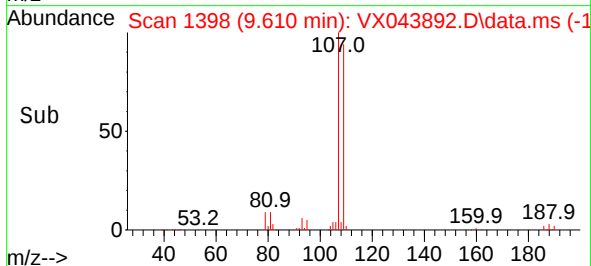
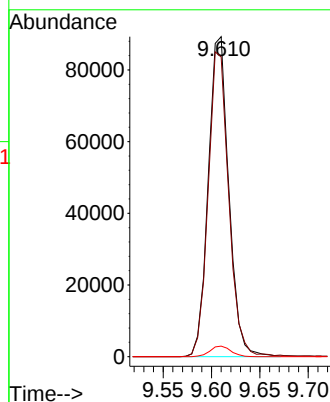
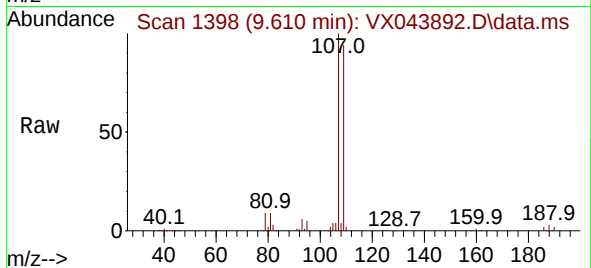




#50
1,2-Dibromoethane
Concen: 53.565 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX043892.D
Acq: 19 Nov 2024 10:53

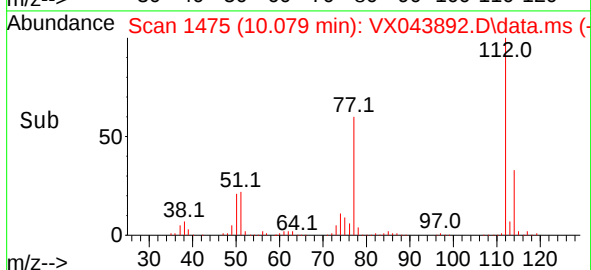
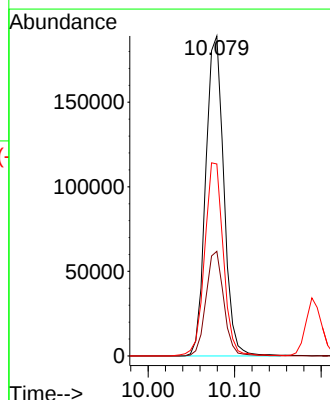
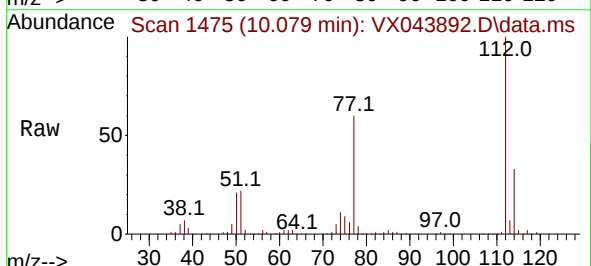
Instrument :
MSVOA_X
ClientSampleId :

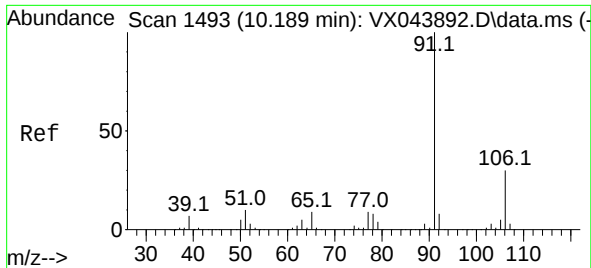
Tgt Ion:107 Resp: 132370
Ion Ratio Lower Upper
107 100
109 93.6 65.5 121.7
188 3.3 2.6 4.0



#51
Chlorobenzene
Concen: 47.864 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX043892.D
Acq: 19 Nov 2024 10:53

Tgt Ion:112 Resp: 275034
Ion Ratio Lower Upper
112 100
114 32.7 22.9 42.5
77 60.0 48.0 72.0

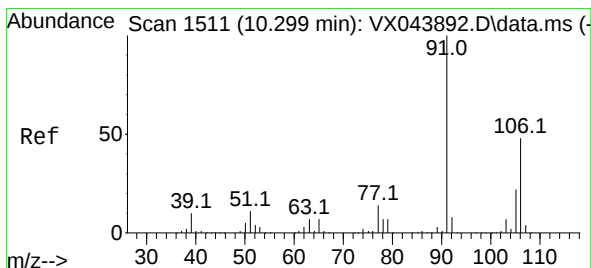
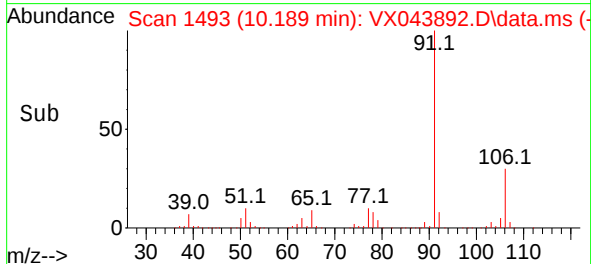
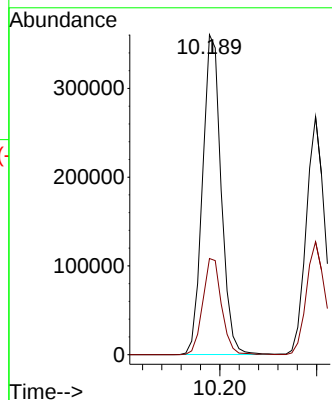
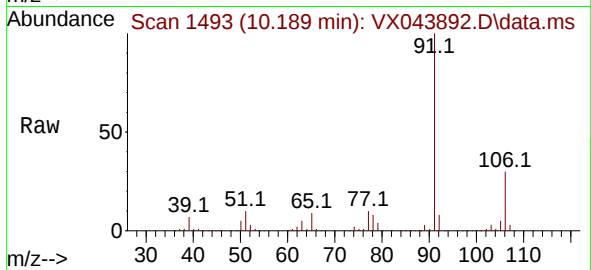




#52
Ethylbenzene
Concen: 49.411 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX043892.D
Acq: 19 Nov 2024 10:53

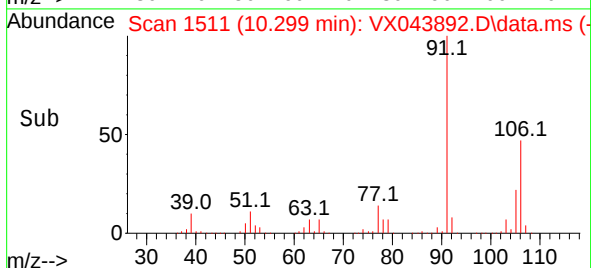
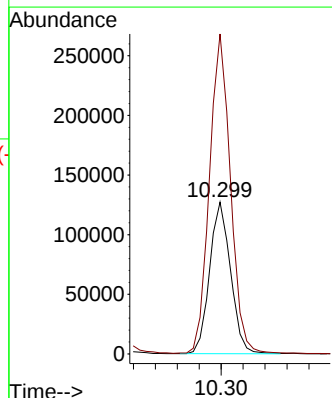
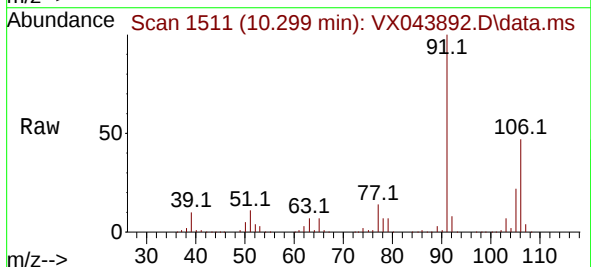
Instrument :
MSVOA_X
ClientSampleId :

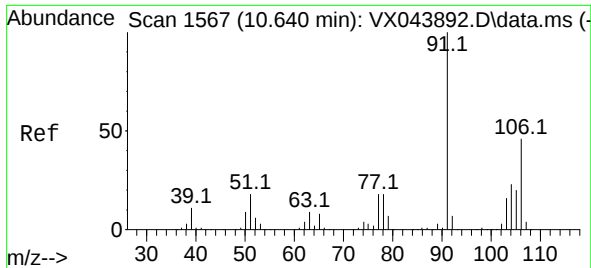
Tgt Ion: 91 Resp: 482467
Ion Ratio Lower Upper
91 100
106 30.1 21.1 39.1



#53
m,p-Xylene
Concen: 46.581 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX043892.D
Acq: 19 Nov 2024 10:53

Tgt Ion:106 Resp: 168928
Ion Ratio Lower Upper
106 100
91 210.7 147.5 273.9

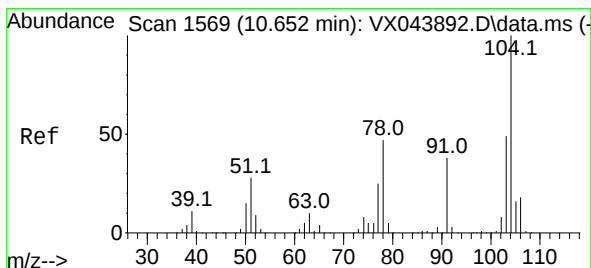
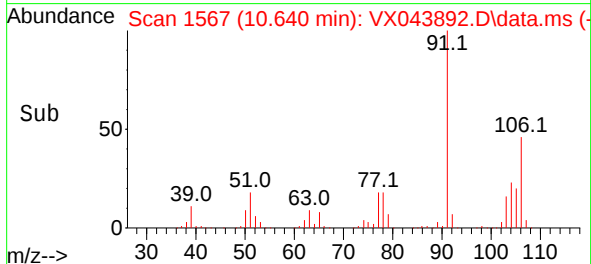
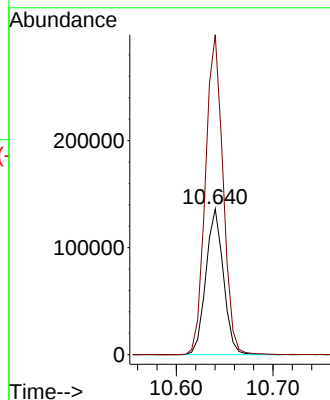
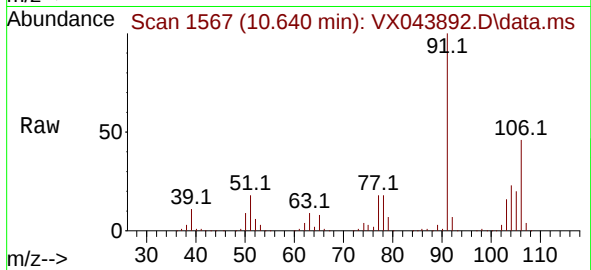




#54
o-Xylene
Concen: 47.077 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX043892.D
Acq: 19 Nov 2024 10:53

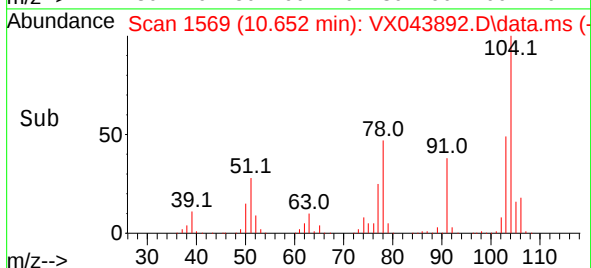
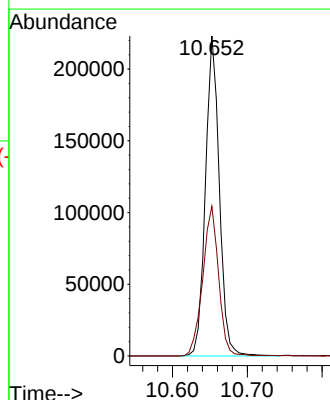
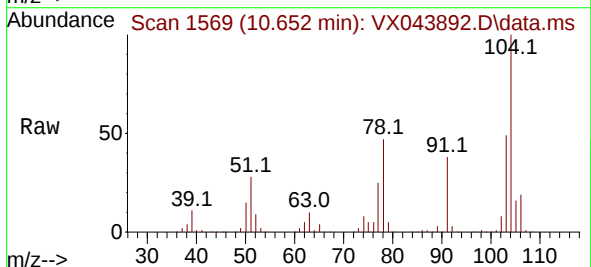
Instrument :
MSVOA_X
ClientSampleId :

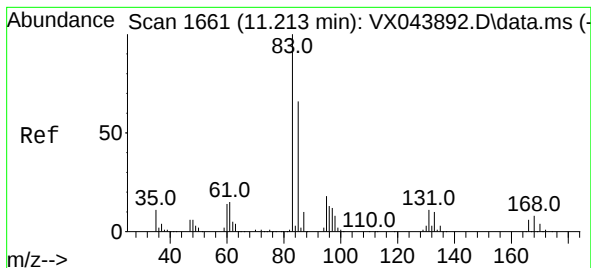
Tgt Ion:106 Resp: 171890
Ion Ratio Lower Upper
106 100
91 219.6 153.7 285.5



#55
Styrene
Concen: 47.669 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX043892.D
Acq: 19 Nov 2024 10:53

Tgt Ion:104 Resp: 288116
Ion Ratio Lower Upper
104 100
78 46.8 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 46.146 ug/L

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX043892.D

Acq: 19 Nov 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

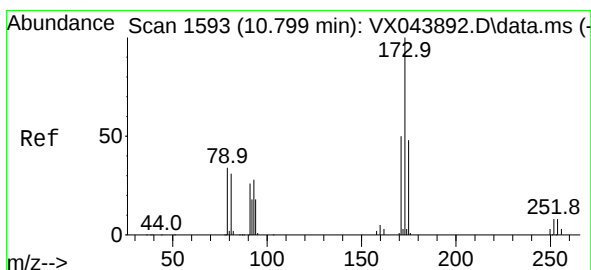
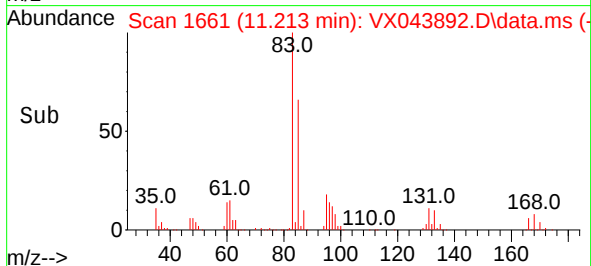
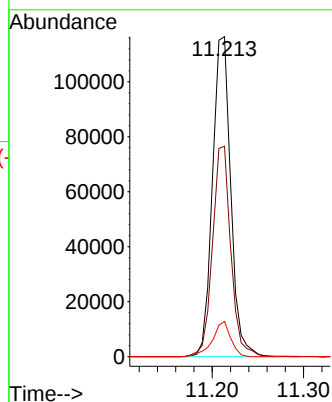
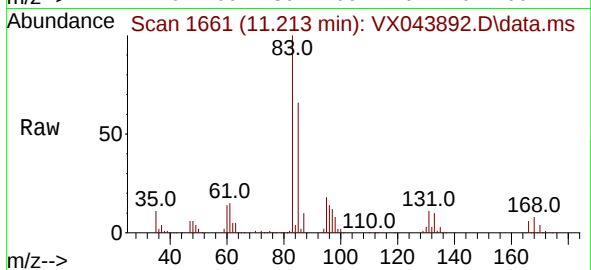
Tgt Ion: 83 Resp: 162050

Ion Ratio Lower Upper

83 100

85 65.7 46.0 85.4

131 11.0 8.8 13.2



#59

Bromoform

Concen: 48.315 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX043892.D

Acq: 19 Nov 2024 10:53

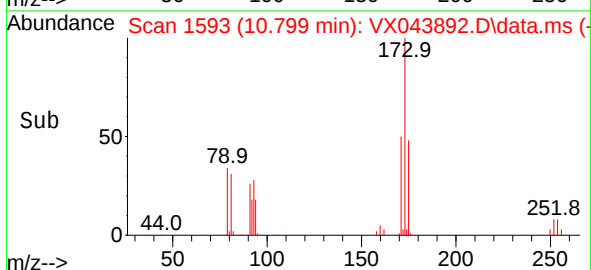
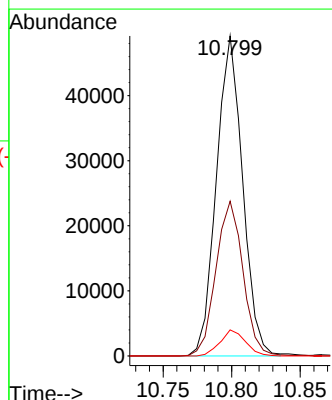
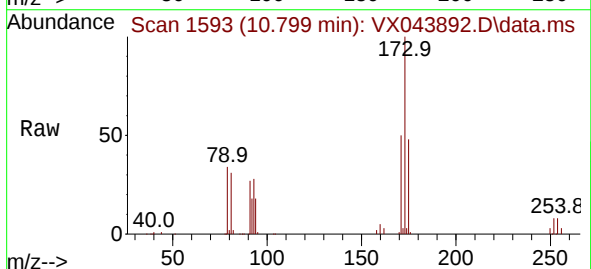
Tgt Ion:173 Resp: 65377

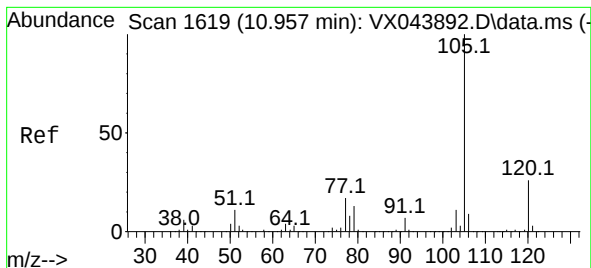
Ion Ratio Lower Upper

173 100

175 50.0 40.0 60.0

254 7.9 6.3 9.5





#60

Isopropylbenzene

Concen: 49.495 ug/L

RT: 10.957 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VX043892.D

Acq: 19 Nov 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

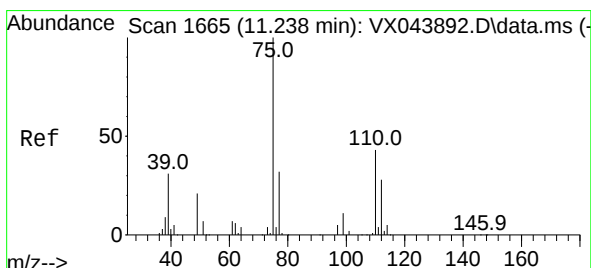
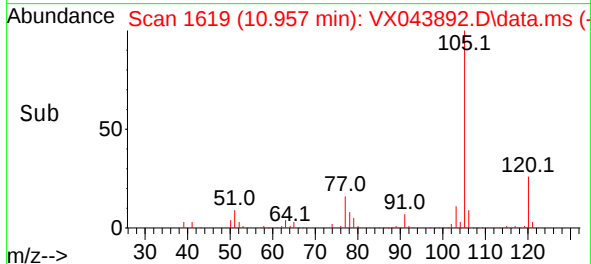
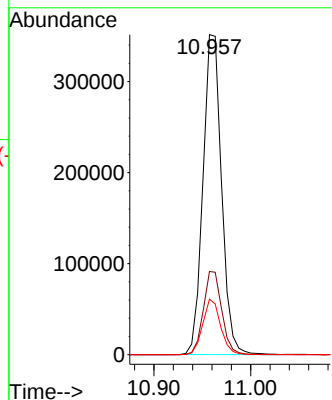
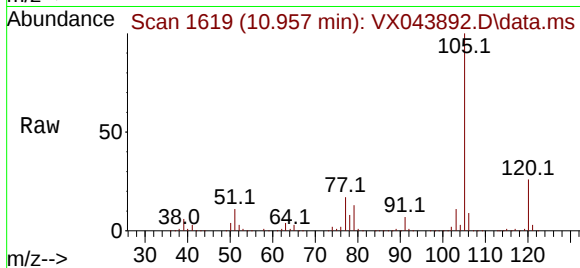
Tgt Ion:105 Resp: 471046

Ion Ratio Lower Upper

105 100

120 25.8 20.6 31.0

77 16.7 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 46.165 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX043892.D

Acq: 19 Nov 2024 10:53

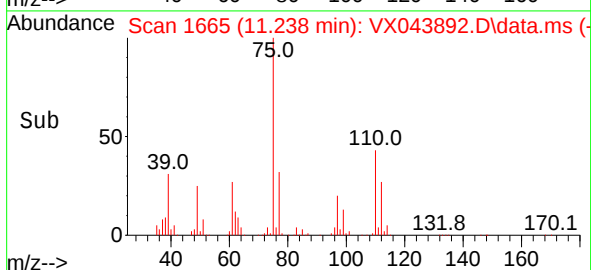
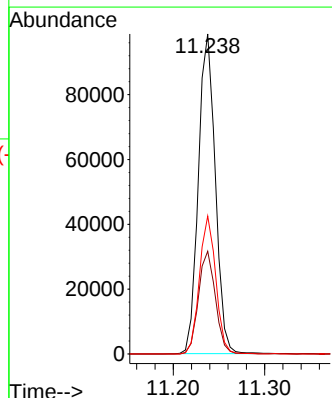
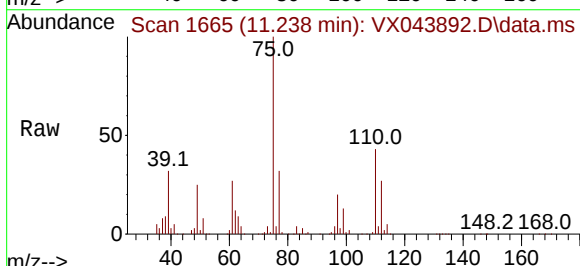
Tgt Ion: 75 Resp: 127029

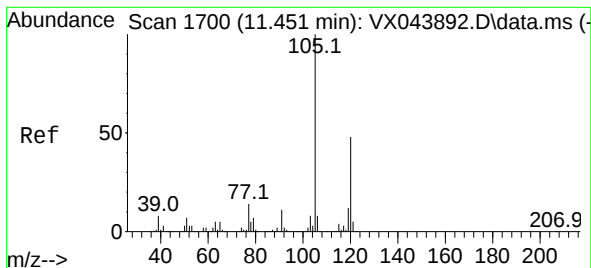
Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6

110 41.6 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 48.703 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX043892.D

Acq: 19 Nov 2024 10:53

Instrument :

MSVOA_X

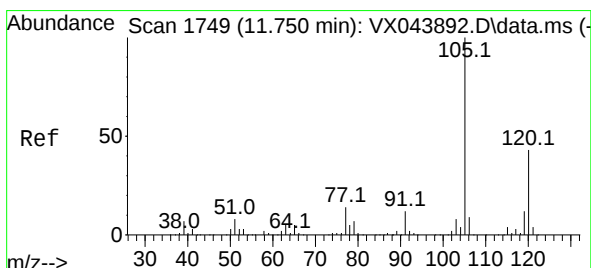
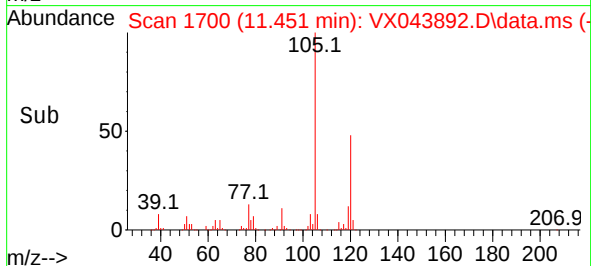
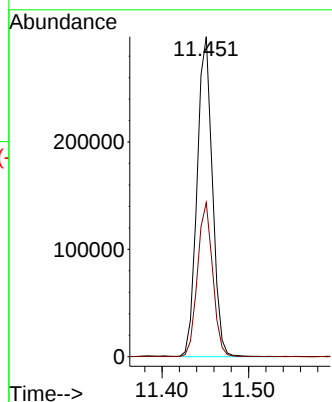
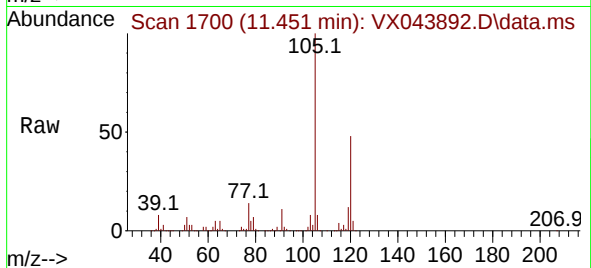
ClientSampleId :

Tgt Ion:105 Resp: 366194

Ion Ratio Lower Upper

105 100

120 47.8 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 51.366 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX043892.D

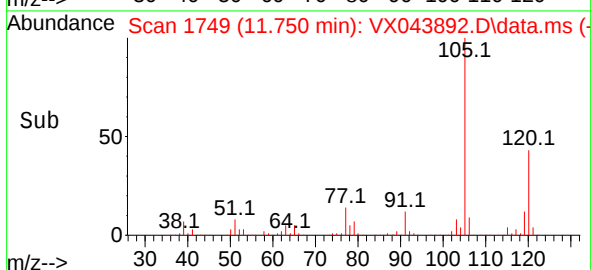
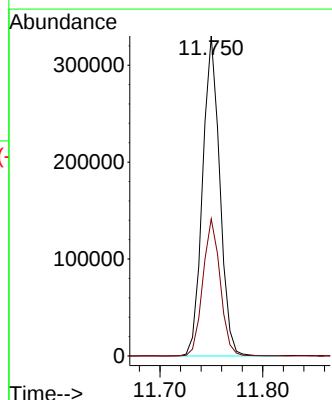
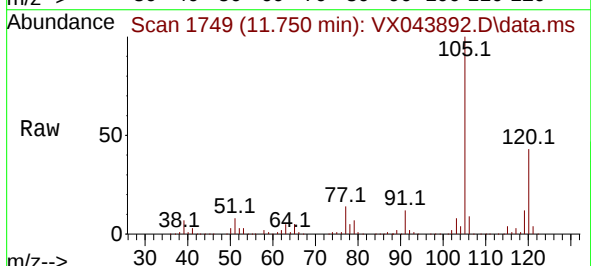
Acq: 19 Nov 2024 10:53

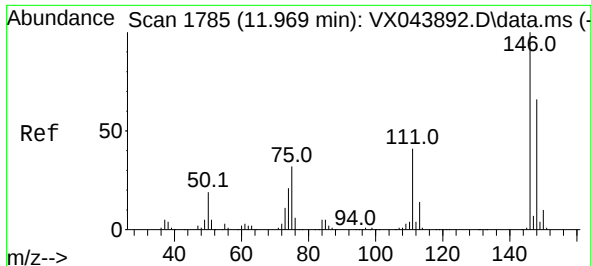
Tgt Ion:105 Resp: 385085

Ion Ratio Lower Upper

105 100

120 43.1 34.5 51.7

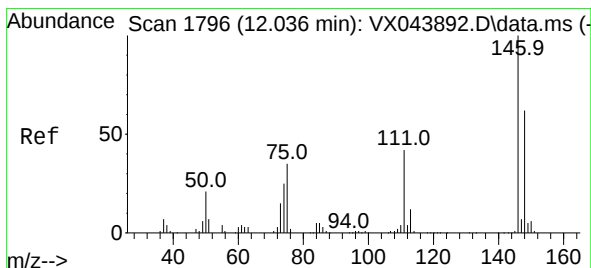
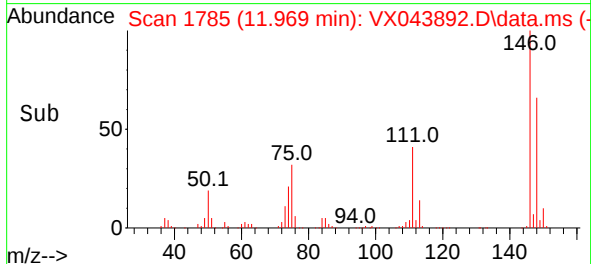
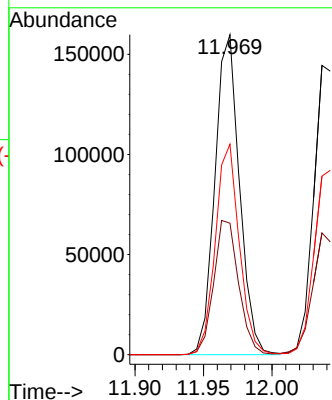
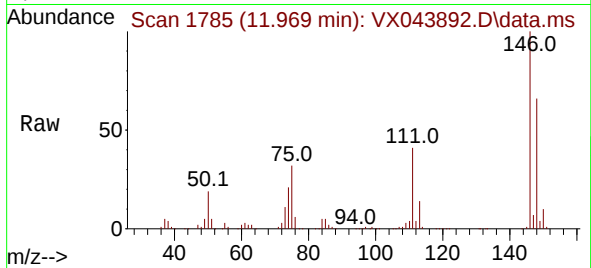




#64
1,3-Dichlorobenzene
Concen: 49.936 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX043892.D
Acq: 19 Nov 2024 10:53

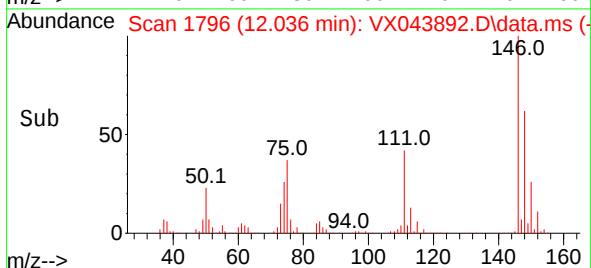
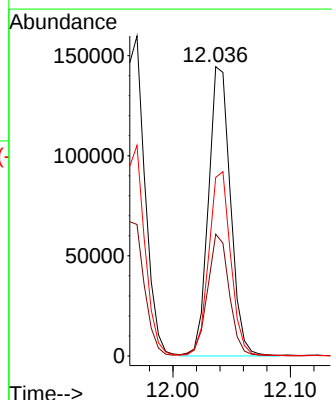
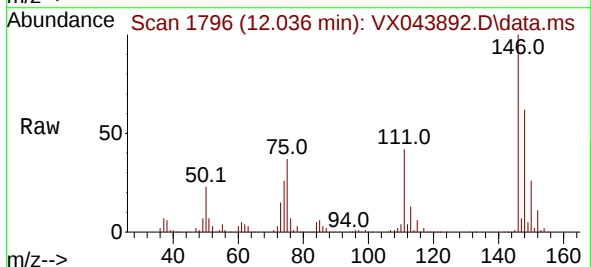
Instrument :
MSVOA_X
ClientSampleId :

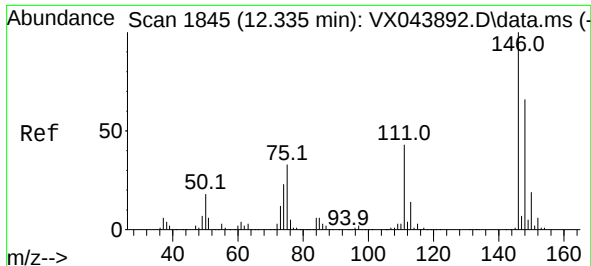
Tgt Ion:146 Resp: 199388
Ion Ratio Lower Upper
146 100
111 41.1 28.8 53.4
148 65.8 46.1 85.5



#65
1,4-Dichlorobenzene
Concen: 47.311 ug/L
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX043892.D
Acq: 19 Nov 2024 10:53

Tgt Ion:146 Resp: 187583
Ion Ratio Lower Upper
146 100
111 42.1 29.5 54.7
148 61.7 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 44.188 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX043892.D

Acq: 19 Nov 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

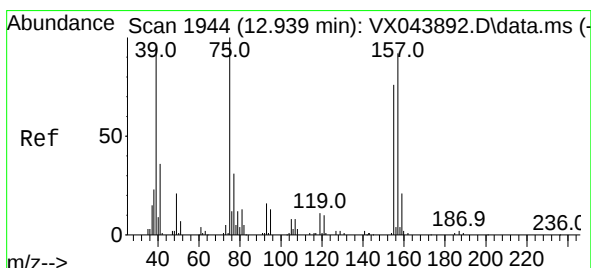
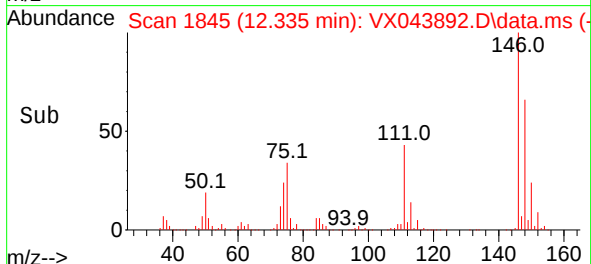
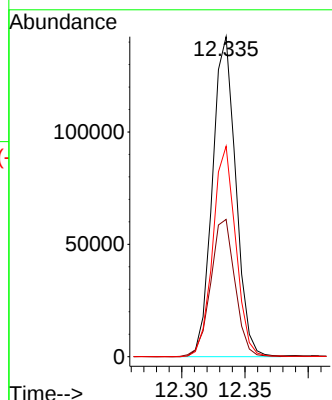
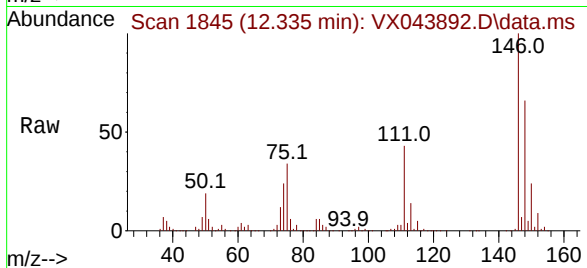
Tgt Ion:146 Resp: 182682

Ion Ratio Lower Upper

146 100

111 42.9 34.3 51.5

148 65.8 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 43.923 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX043892.D

Acq: 19 Nov 2024 10:53

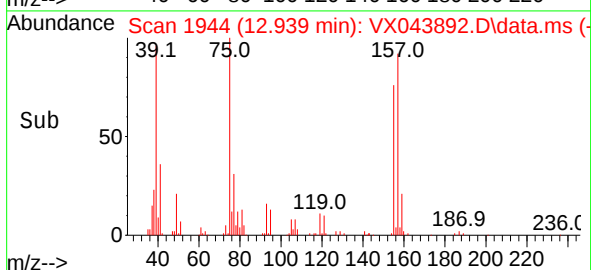
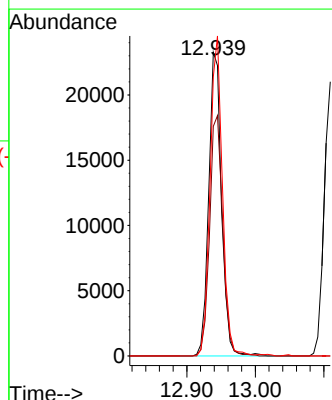
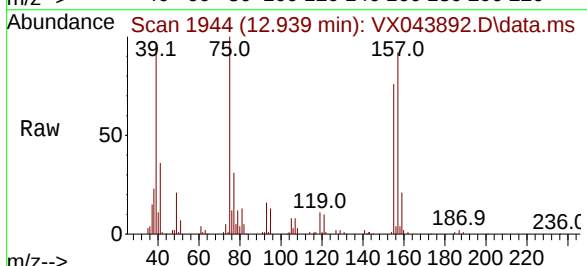
Tgt Ion: 75 Resp: 30248

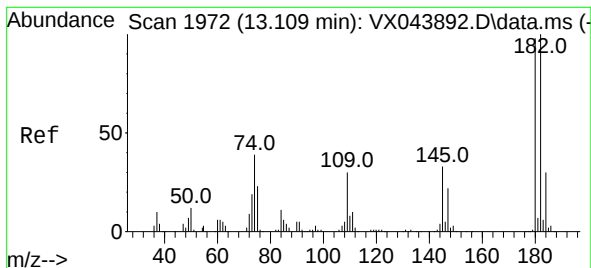
Ion Ratio Lower Upper

75 100

155 75.6 60.5 90.7

157 91.9 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 44.868 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.000 min

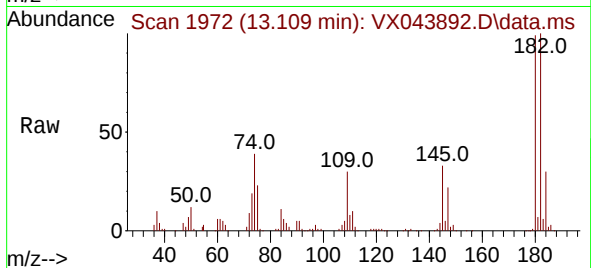
Lab File: VX043892.D

Acq: 19 Nov 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 115599

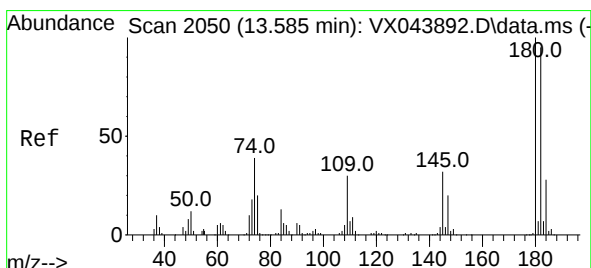
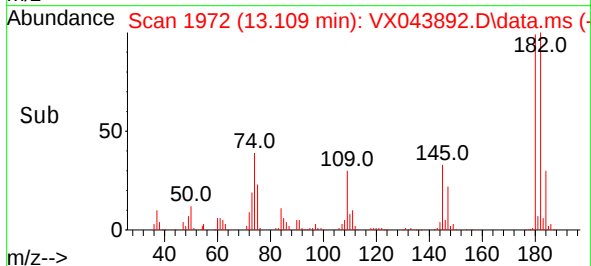
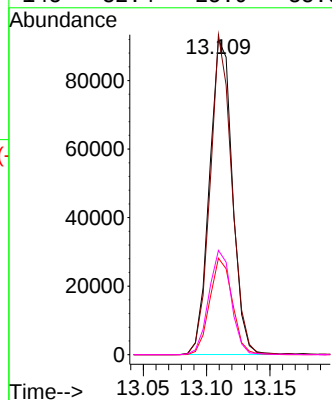
Ion Ratio Lower Upper

180 100

182 95.9 76.7 115.1

184 30.3 24.2 36.4

145 32.4 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 45.207 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043892.D

Acq: 19 Nov 2024 10:53

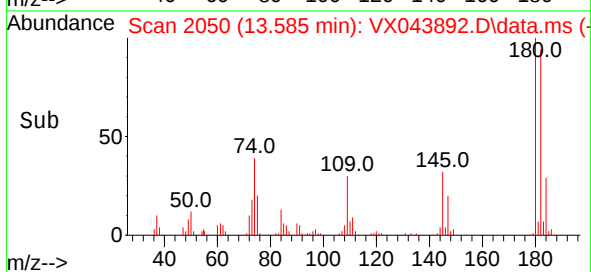
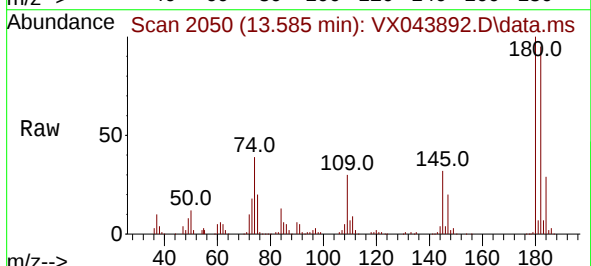
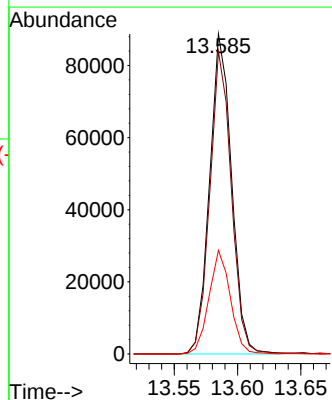
Tgt Ion:180 Resp: 107393

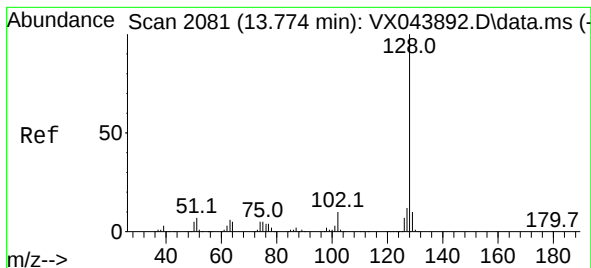
Ion Ratio Lower Upper

180 100

182 92.6 74.1 111.1

145 31.6 25.3 37.9





#71

Naphthalene

Concen: 46.451 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX043892.D

Acq: 19 Nov 2024 10:53

Instrument :

MSVOA_X

ClientSampleId :

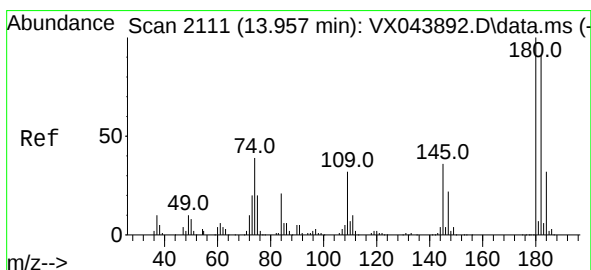
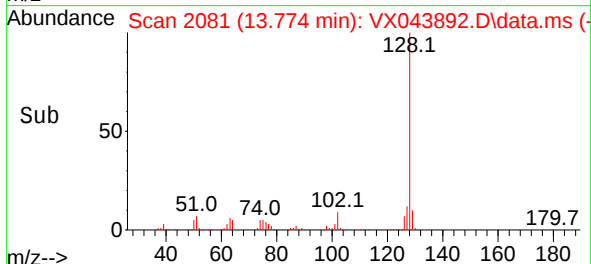
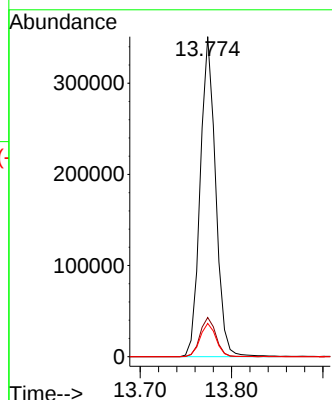
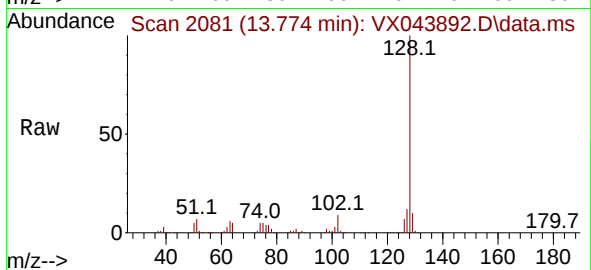
Tgt Ion:128 Resp: 410492

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 46.798 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX043892.D

Acq: 19 Nov 2024 10:53

Tgt Ion:180 Resp: 112017

Ion Ratio Lower Upper

180 100

182 92.2 73.8 110.6

145 34.3 27.4 41.2

