

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040224\
 Data File : VW034920.D
 Acq On : 02 Apr 2024 08:59
 Operator : SY/MD
 Sample : VSTD0.546
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 03 04:46:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 04:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	181170	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	171061	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	75642	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	6775	0.454	ug/L	0.00
7) Chloroethane-d5	1.532	69	5803	0.471	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	3288	0.485	ug/L	0.00
20) 2-Butanone-d5	3.905	46	1929	0.826	ug/L	0.07
24) Chloroform-d	4.252	84	11097	0.459	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.960	65	4755	0.436	ug/L	0.01
32) Benzene-d6	4.969	84	19543	0.437	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	5521	0.420	ug/L	0.00
41) Toluene-d8	7.249	98	16951	0.417	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.574	79	1730	0.371	ug/L	0.02
46) 2-Hexanone-d5	8.053	63	4375	2.732	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.156	84	3905	0.426	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	6005	0.504	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	6200	0.445	ug/L	97
3) Chloromethane	1.214	50	7977	0.472	ug/L	98
5) Vinyl chloride	1.281	62	8082	0.447	ug/L	98
6) Bromomethane	1.487	94	4819	0.467	ug/L	99
8) Chloroethane	1.552	64	5294	0.455	ug/L	95
9) Trichlorofluoromethane	1.712	101	10881	0.453	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	6545	0.444	ug/L	98
12) 1,1-Dichloroethene	2.069	96	6141	0.446	ug/L	98
13) Acetone	2.130	43	5135	3.013	ug/L	59
14) Carbon disulfide	2.240	76	19185	0.468	ug/L	98
15) Methyl Acetate	2.391	43	1346	0.286	ug/L	96
16) Methylene chloride	2.445	84	7556	0.501	ug/L	97
17) Methyl tert-butyl Ether	2.703	73	12107	0.409	ug/L	95
18) trans-1,2-Dichloroethene	2.696	96	6215	0.456	ug/L	98
19) 1,1-Dichloroethane	3.114	63	11433	0.425	ug/L	100
21) 2-Butanone	3.966	43	2342	0.851	ug/L #	75
22) cis-1,2-Dichloroethene	3.834	96	5733	0.402	ug/L	96
23) Bromochloromethane	4.159	128	2475	0.413	ug/L	94
25) Chloroform	4.281	83	12176	0.456	ug/L	93
27) 1,2-Dichloroethane	5.063	62	6365	0.423	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	10072	0.480	ug/L	96
30) Cyclohexane	4.574	56	8129	0.421	ug/L	95
31) Carbon tetrachloride	4.735	117	7842	0.437	ug/L	94
33) Benzene	5.018	78	23027	0.440	ug/L	100
34) Trichloroethene	5.844	95	6219	0.456	ug/L	94
35) Methylcyclohexane	6.047	83	8977	0.432	ug/L	98
37) 1,2-Dichloropropane	6.104	63	6339	0.467	ug/L #	90
38) Bromodichloromethane	6.439	83	7496	0.438	ug/L #	88
39) cis-1,3-Dichloropropene	6.966	75	6759	0.371	ug/L	95
40) 4-Methyl-2-pentanone	7.169	43	21163	3.644	ug/L #	89
42) Toluene	7.323	91	21883	0.398	ug/L	99
44) trans-1,3-Dichloropropene	7.603	75	5375	0.355	ug/L	93

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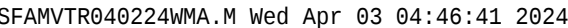
Quant Time: Apr 03 04:46:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 04:45:52 2024
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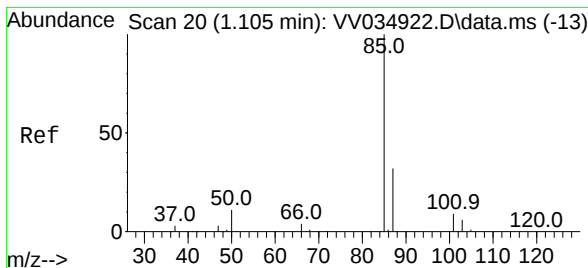
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.780	97	3644	0.408	ug/L	87
47) Tetrachloroethene	7.911	164	4687	0.457	ug/L	95
48) 2-Hexanone	8.101	43	13671	3.017	ug/L #	95
49) Dibromochloromethane	8.181	129	4215	0.401	ug/L	97
50) 1,2-Dibromoethane	8.291	107	3255	0.388	ug/L #	90
51) Chlorobenzene	8.815	112	15564	0.438	ug/L	98
52) Ethylbenzene	8.950	91	23165	0.390	ug/L	95
53) m,p-Xylene	9.082	106	8328	0.381	ug/L	89
54) o-Xylene	9.480	106	8146	0.380	ug/L	97
55) Styrene	9.506	104	11671	0.339	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.178	83	4371	0.410	ug/L	96
59) Bromoform	9.667	173	1956	0.416	ug/L #	89
60) Isopropylbenzene	9.870	105	19177	0.406	ug/L	97
61) 1,2,3-Trichloropropane	10.214	75	3478	0.493	ug/L	94
62) 1,3,5-Trimethylbenzene	10.477	105	15738	0.405	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	14996	0.381	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	10821	0.448	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	11772	0.487	ug/L	95
67) 1,2-Dichlorobenzene	11.583	146	10455	0.469	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.368	75	633	0.436	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	8093	0.447	ug/L	96
70) 1,2,4-trichlorobenzene	13.204	180	5469	0.389	ug/L	93
71) Naphthalene	13.448	128	8235	0.416	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	4779	0.386	ug/L	96

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

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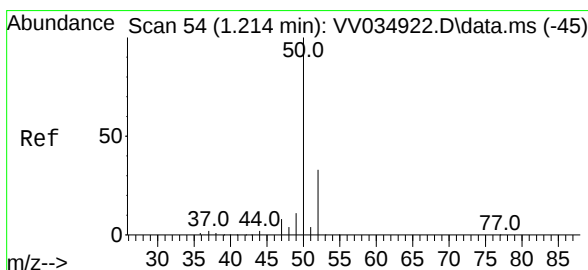
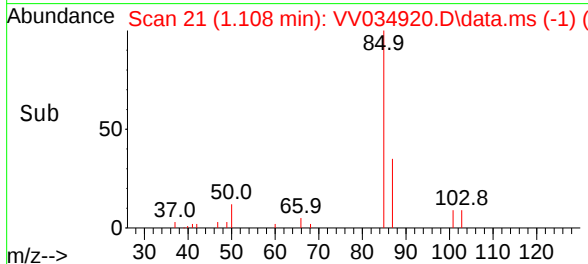
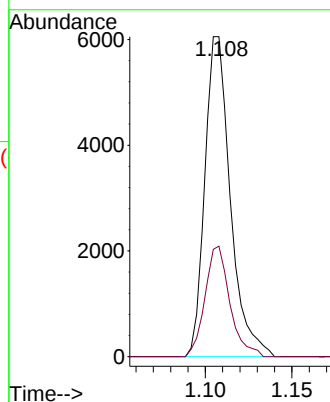
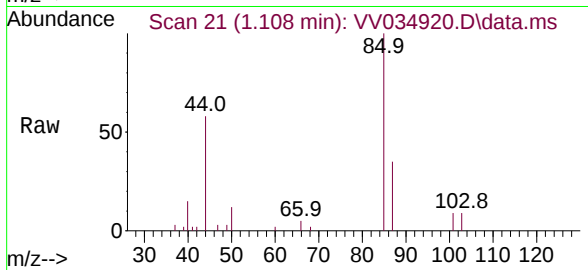




#2
 Dichlorodifluoromethane
 Concen: 0.445 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV034920.D
 Acq: 02 Apr 2024 08:59

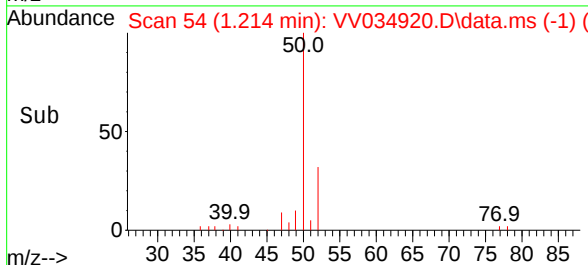
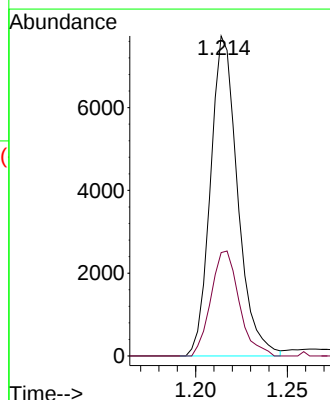
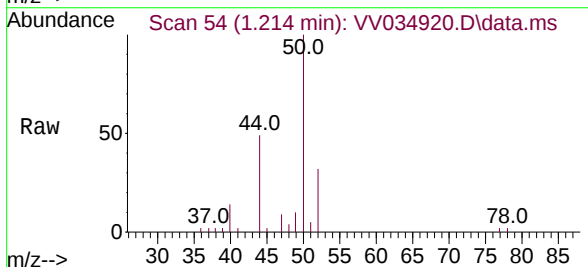
Instrument :
 MSVOA_V
 ClientSampleId :

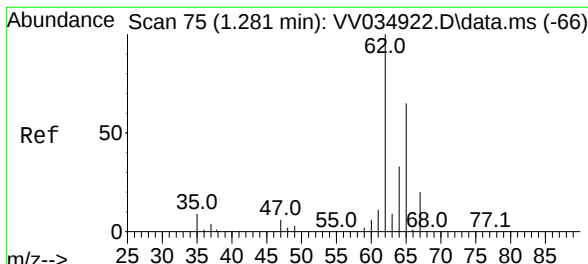
Tgt Ion: 85 Resp: 6200
 Ion Ratio Lower Upper
 85 100
 87 33.6 25.7 38.5



#3
 Chloromethane
 Concen: 0.472 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV034920.D
 Acq: 02 Apr 2024 08:59

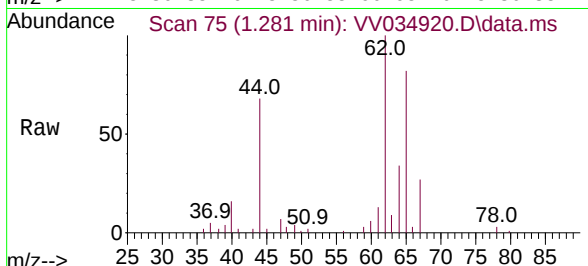
Tgt Ion: 50 Resp: 7977
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.4 43.4



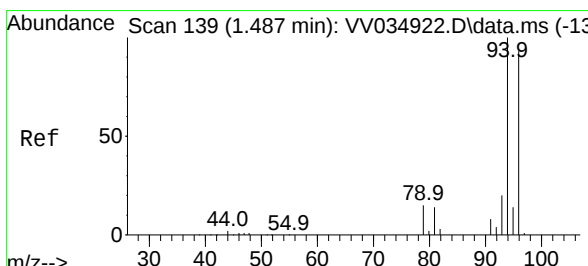
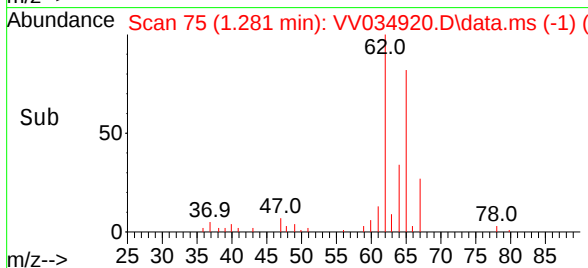
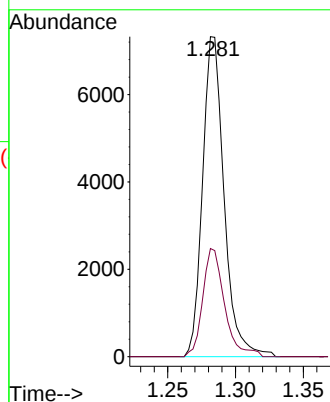


#5
 Vinyl chloride
 Concen: 0.447 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV034920.D
 Acq: 02 Apr 2024 08:59

Instrument :
 MSVOA_V
 ClientSampleId :

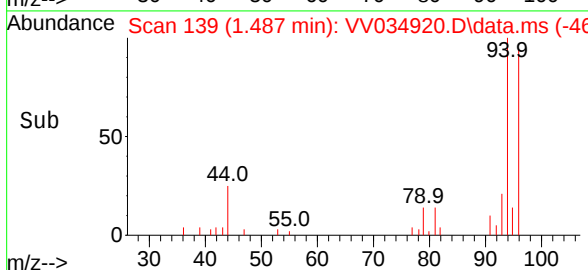
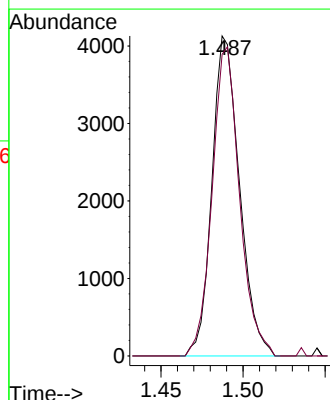
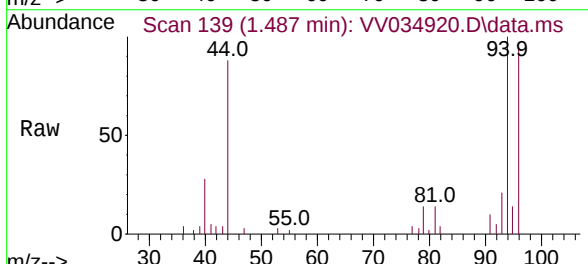


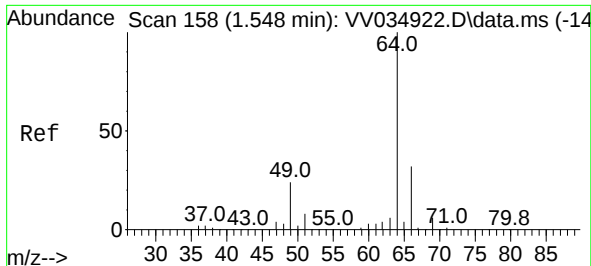
Tgt Ion: 62 Resp: 8082
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.9 42.5



#6
 Bromomethane
 Concen: 0.467 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV034920.D
 Acq: 02 Apr 2024 08:59

Tgt Ion: 94 Resp: 4819
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.4 121.4

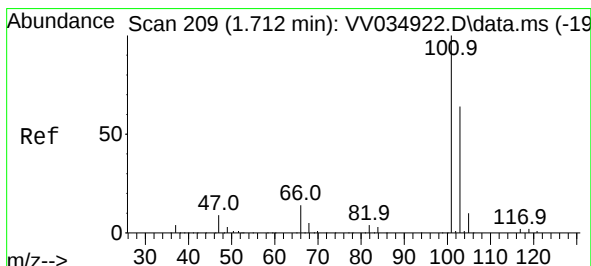
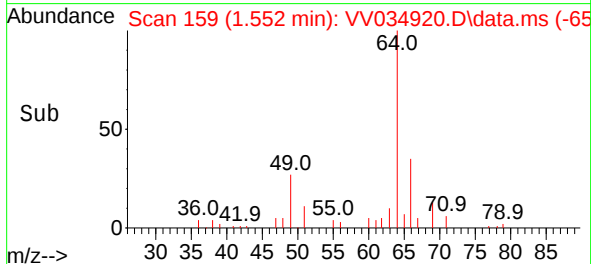
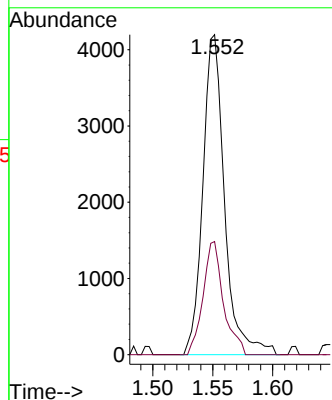
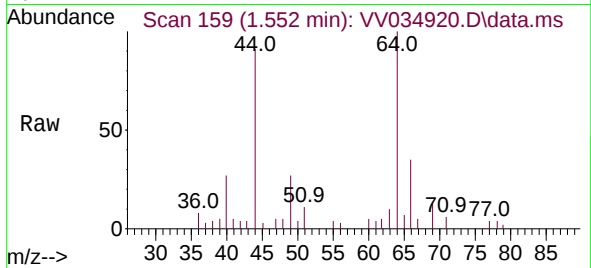




#8
Chloroethane
Concen: 0.455 ug/L
RT: 1.552 min Scan# 158
Delta R.T. 0.003 min
Lab File: VV034920.D
Acq: 02 Apr 2024 08:59

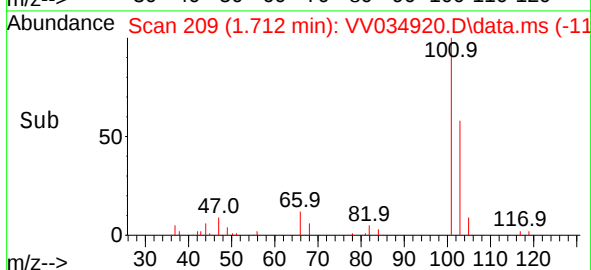
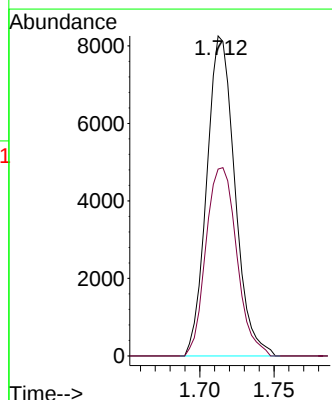
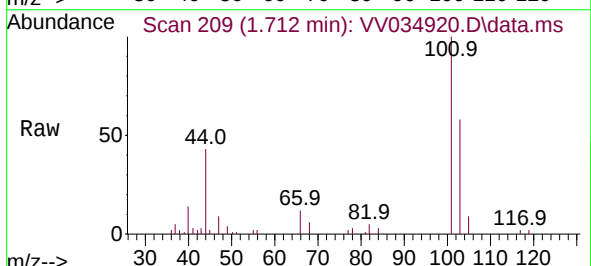
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ClientSampleId :

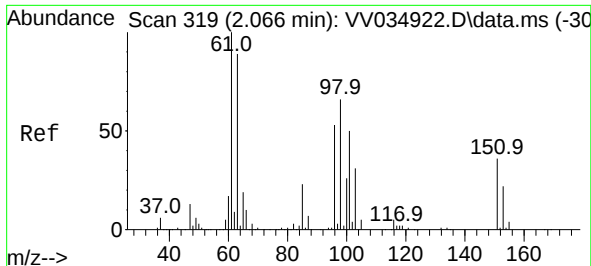
Tgt Ion: 64 Resp: 5294
Ion Ratio Lower Upper
64 100
66 35.4 22.6 42.0



#9
Trichlorofluoromethane
Concen: 0.453 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV034920.D
Acq: 02 Apr 2024 08:59

Tgt Ion: 101 Resp: 10881
Ion Ratio Lower Upper
101 100
103 64.4 51.9 77.9

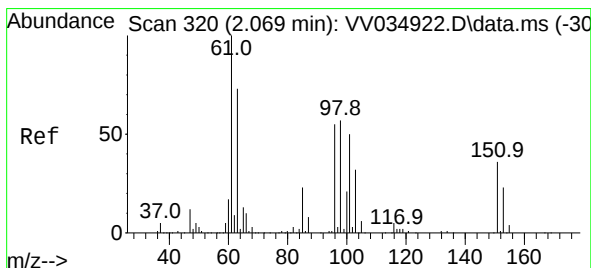
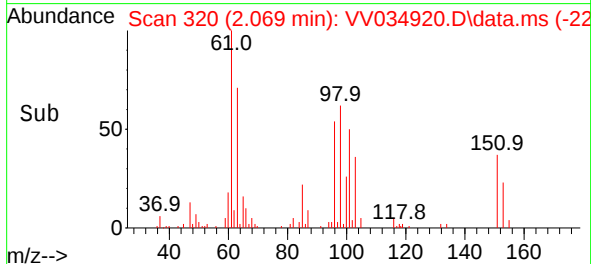
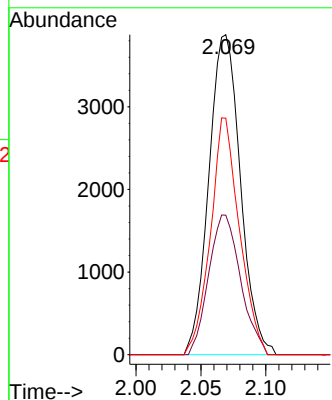
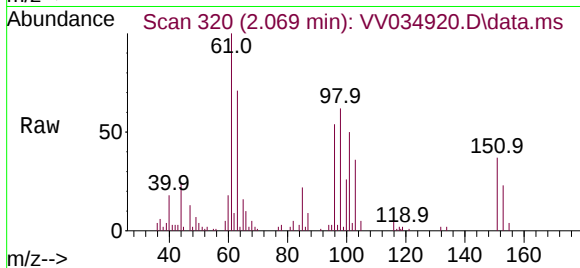




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.444 ug/L
 RT: 2.069 min Scan# 319
 Delta R.T. 0.003 min
 Lab File: VV034920.D
 Acq: 02 Apr 2024 08:59

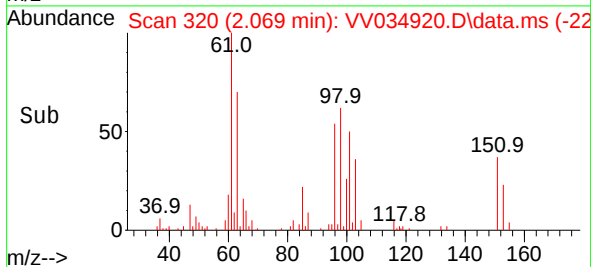
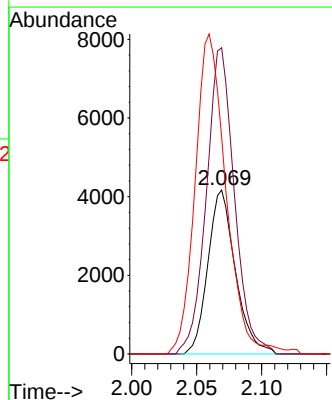
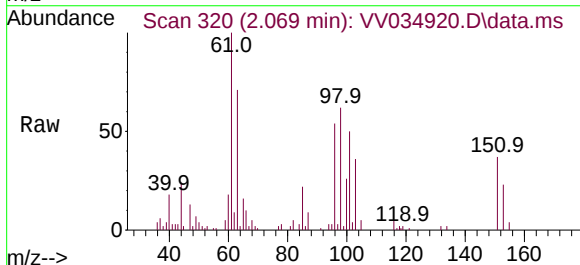
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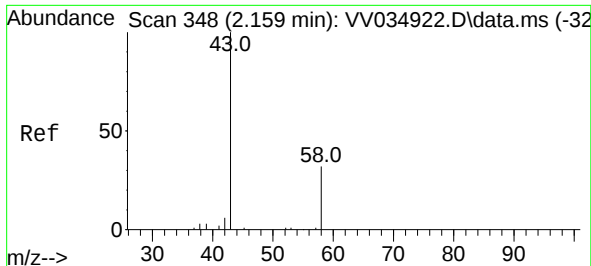
Tgt Ion:101 Resp: 6545
 Ion Ratio Lower Upper
 101 100
 85 44.2 36.2 54.4
 151 67.8 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 0.446 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV034920.D
 Acq: 02 Apr 2024 08:59

Tgt Ion: 96 Resp: 6141
 Ion Ratio Lower Upper
 96 100
 61 186.6 128.1 237.9
 63 132.3 93.5 173.7





#13

Acetone

Concen: 3.013 ug/L

RT: 2.130 min Scan# 348

Delta R.T. -0.029 min

Lab File: VV034920.D

Acq: 02 Apr 2024 08:59

Instrument :

MSVOA_V

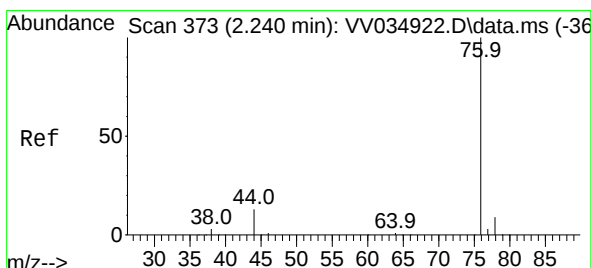
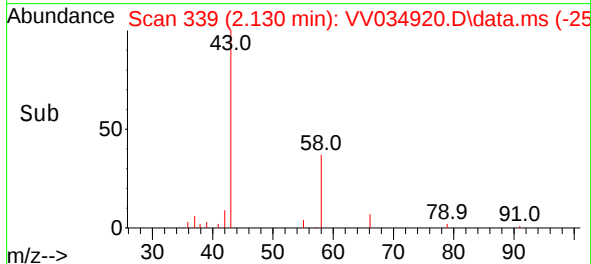
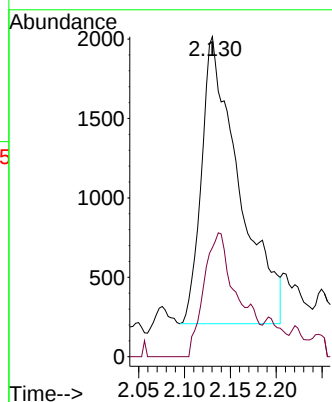
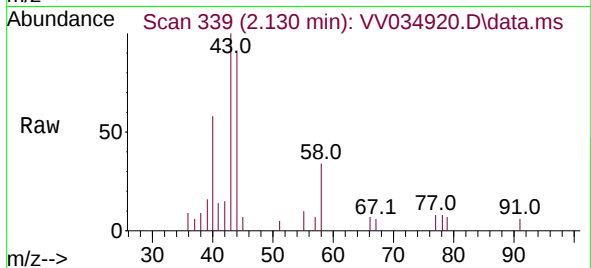
ClientSampleId :

Tgt Ion: 43 Resp: 5135

Ion Ratio Lower Upper

43 100

58 39.6 0.0 40.8



#14

Carbon disulfide

Concen: 0.468 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV034920.D

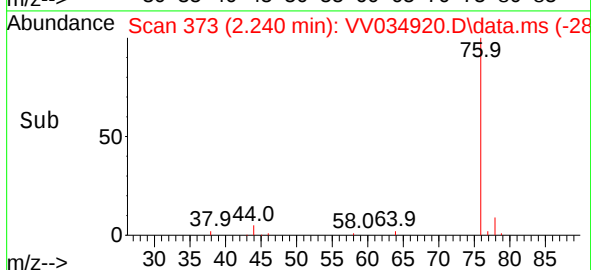
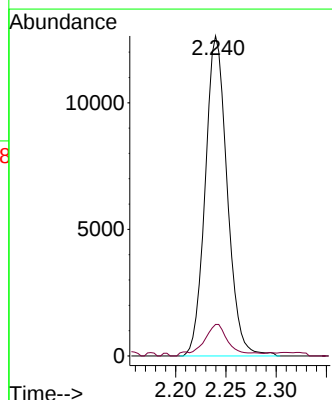
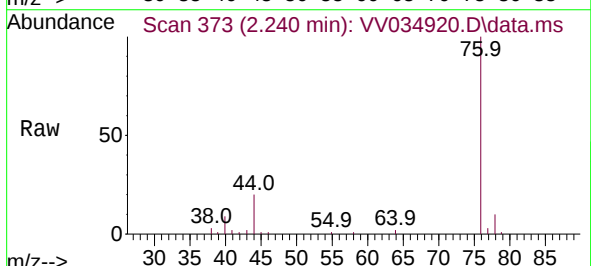
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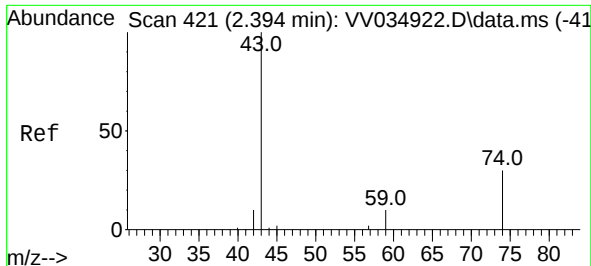
Tgt Ion: 76 Resp: 19185

Ion Ratio Lower Upper

76 100

78 9.9 7.4 11.2





#15

Methyl Acetate

Concen: 0.286 ug/L

RT: 2.391 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV034920.D

Acq: 02 Apr 2024 08:59

Instrument :

MSVOA_V

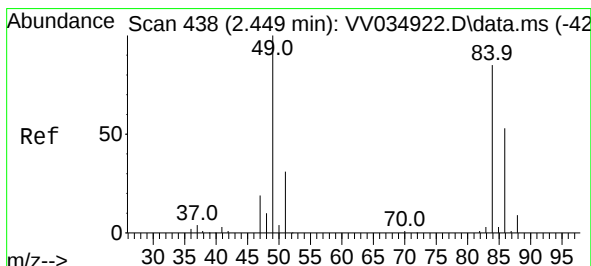
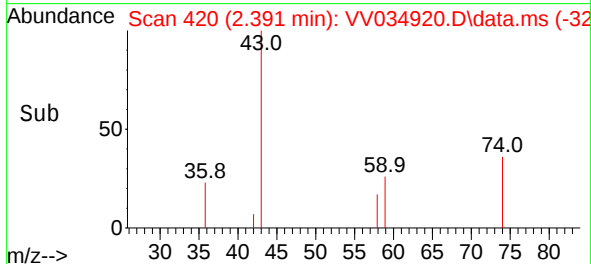
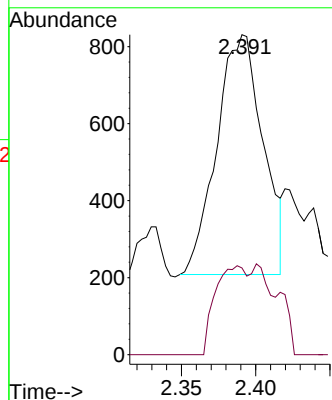
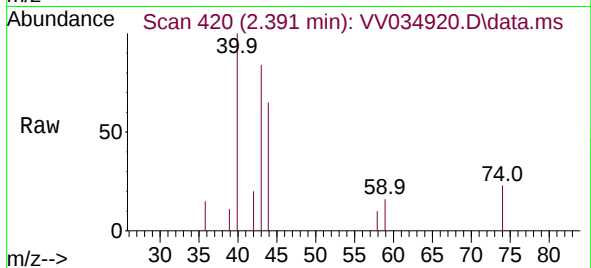
ClientSampleId :

Tgt Ion: 43 Resp: 1346

Ion Ratio Lower Upper

43 100

74 25.0 18.5 27.7



#16

Methylene chloride

Concen: 0.501 ug/L

RT: 2.445 min Scan# 437

Delta R.T. -0.003 min

Lab File: VV034920.D

Acq: 02 Apr 2024 08:59

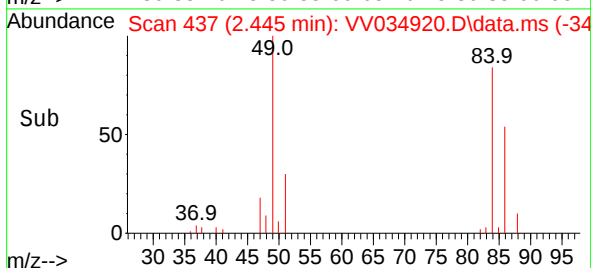
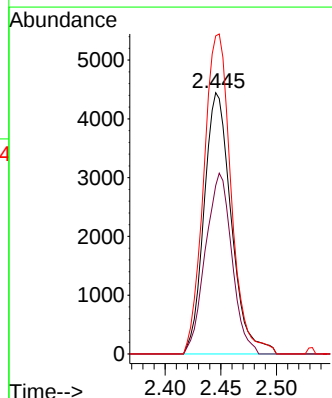
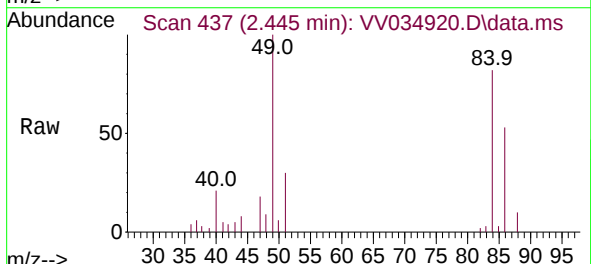
Tgt Ion: 84 Resp: 7556

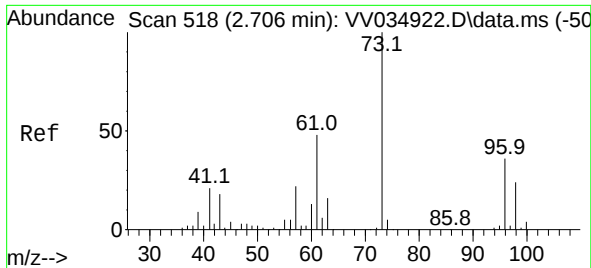
Ion Ratio Lower Upper

84 100

86 64.4 43.5 80.9

49 121.7 82.5 153.3





#17

Methyl tert-butyl Ether

Concen: 0.409 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.003 min

Lab File: VV034920.D

Acq: 02 Apr 2024 08:59

Instrument :

MSVOA_V

ClientSampleId :

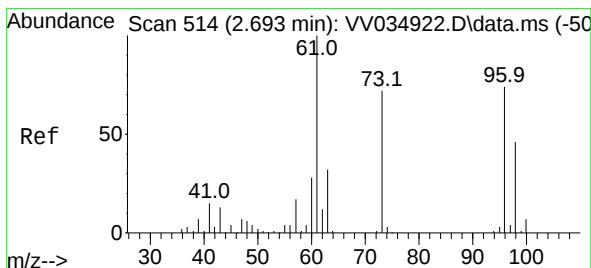
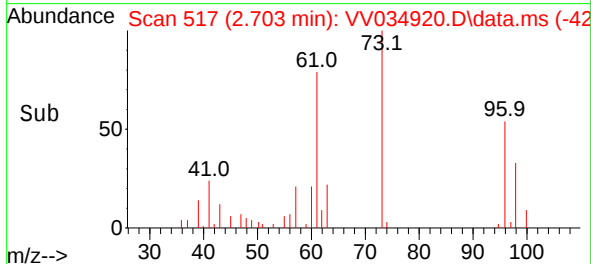
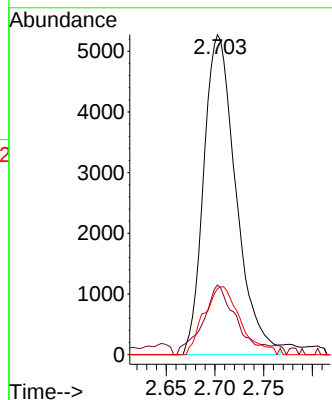
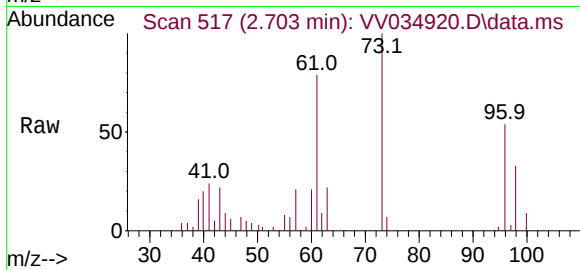
Tgt Ion: 73 Resp: 12107

Ion Ratio Lower Upper

73 100

43 21.7 14.8 22.2

57 24.1 18.1 27.1



#18

trans-1,2-Dichloroethene

Concen: 0.456 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.003 min

Lab File: VV034920.D

Acq: 02 Apr 2024 08:59

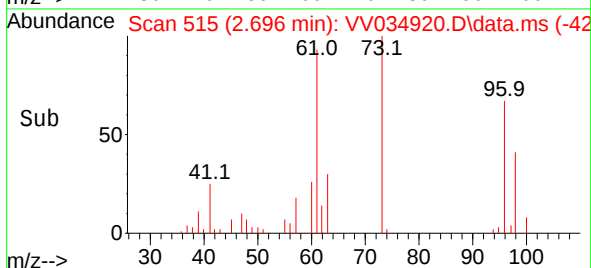
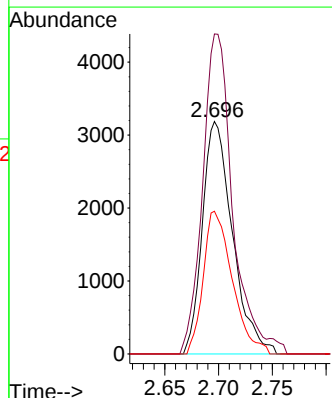
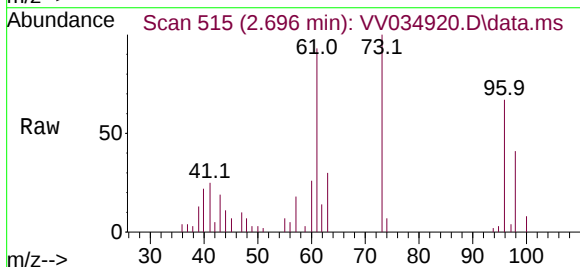
Tgt Ion: 96 Resp: 6215

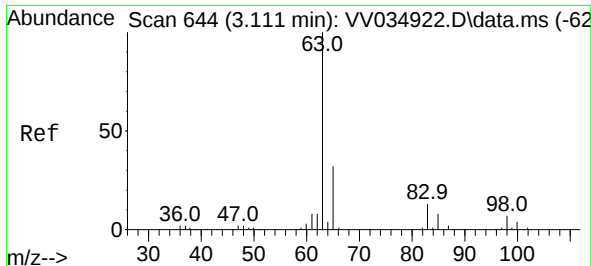
Ion Ratio Lower Upper

96 100

61 137.7 94.5 175.5

98 61.4 43.5 80.9

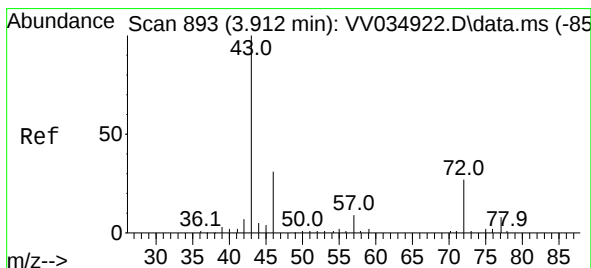
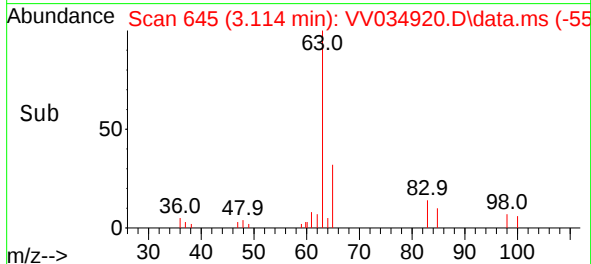
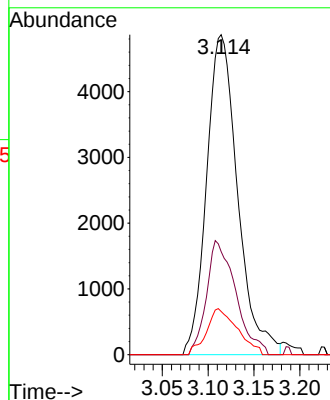
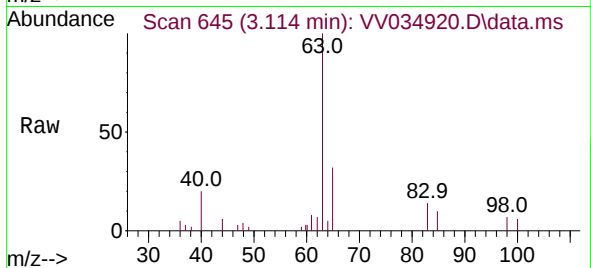




#19
1,1-Dichloroethane
Concen: 0.425 ug/L
RT: 3.114 min Scan# 644
Delta R.T. 0.003 min
Lab File: VV034920.D
Acq: 02 Apr 2024 08:59

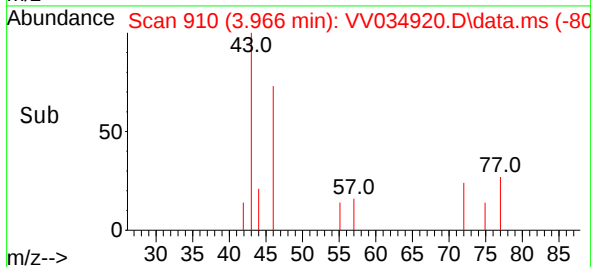
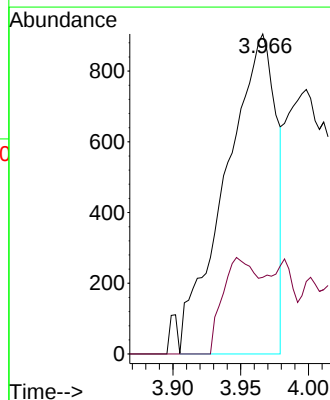
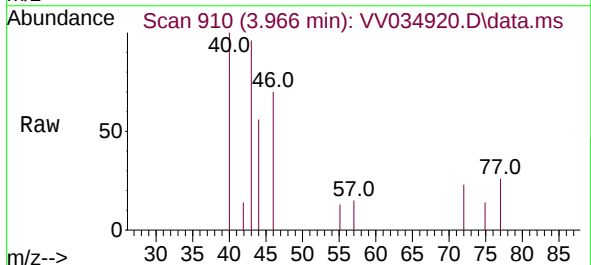
Instrument :
MSVOA_V
ClientSampleId :

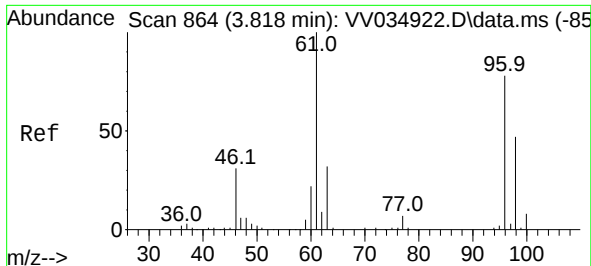
Tgt Ion: 63 Resp: 11433
Ion Ratio Lower Upper
63 100
65 32.2 22.5 41.9
83 13.5 9.1 16.9



#21
2-Butanone
Concen: 0.851 ug/L
RT: 3.966 min Scan# 910
Delta R.T. 0.055 min
Lab File: VV034920.D
Acq: 02 Apr 2024 08:59

Tgt Ion: 43 Resp: 2342
Ion Ratio Lower Upper
43 100
72 4.8 7.5 22.5#





#22

cis-1,2-Dichloroethene

Concen: 0.402 ug/L

RT: 3.834 min Scan# 864

Delta R.T. 0.016 min

Lab File: VV034920.D

Acq: 02 Apr 2024 08:59

Instrument :

MSVOA_V

ClientSampleId :

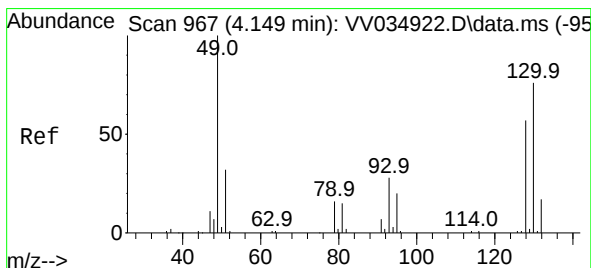
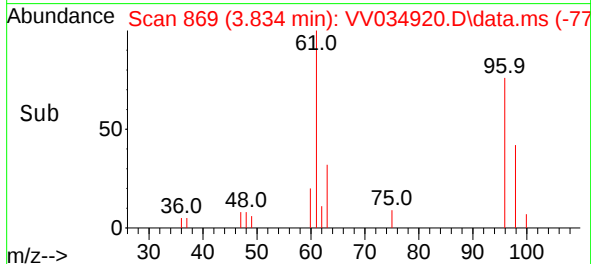
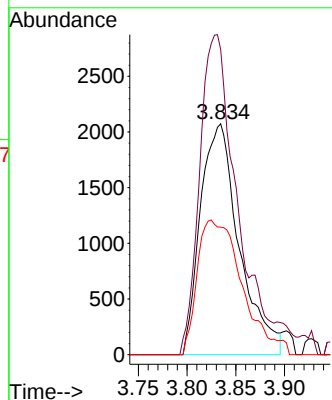
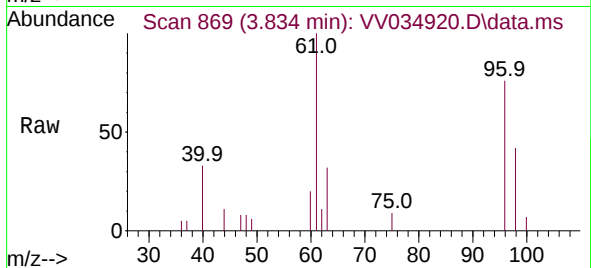
Tgt Ion: 96 Resp: 5733

Ion Ratio Lower Upper

96 100

61 132.2 90.3 167.7

98 55.2 42.7 79.3



#23

Bromochloromethane

Concen: 0.413 ug/L

RT: 4.159 min Scan# 970

Delta R.T. 0.010 min

Lab File: VV034920.D

Acq: 02 Apr 2024 08:59

Tgt Ion: 128 Resp: 2475

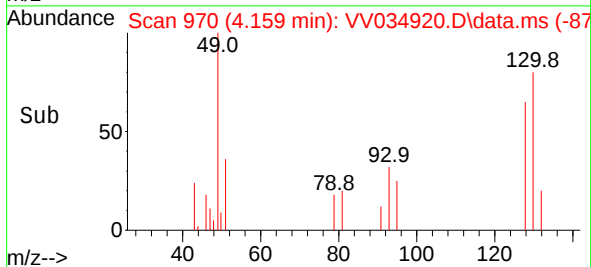
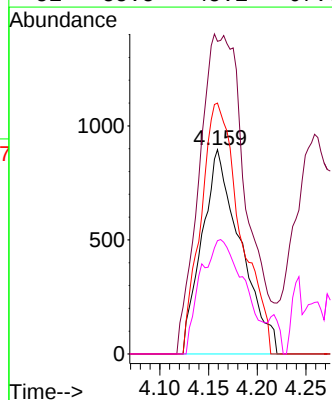
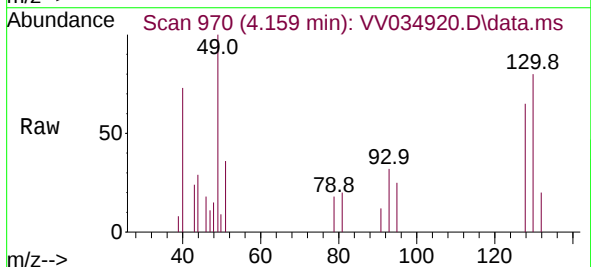
Ion Ratio Lower Upper

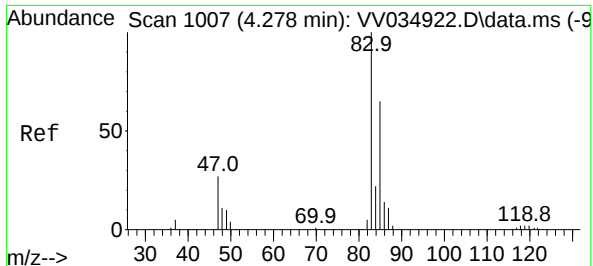
128 100

49 166.1 122.9 228.3

130 122.8 92.1 171.1

51 55.5 45.1 67.7





#25

Chloroform

Concen: 0.456 ug/L

RT: 4.281 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV034920.D

Acq: 02 Apr 2024 08:59

Instrument :

MSVOA_V

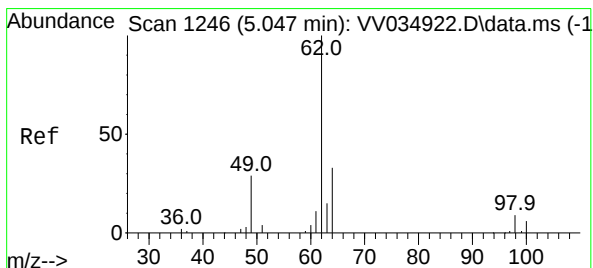
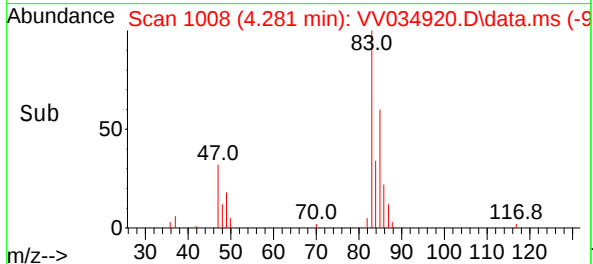
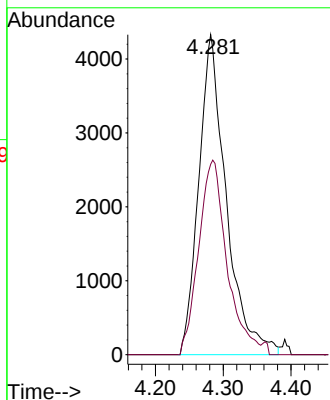
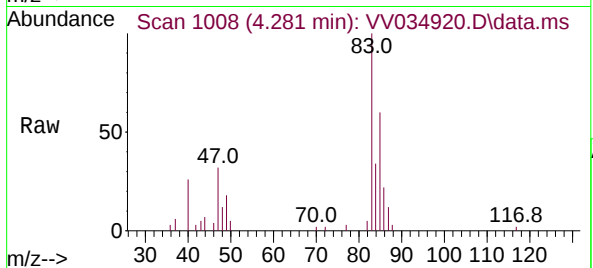
ClientSampleId :

Tgt Ion: 83 Resp: 12176

Ion Ratio Lower Upper

83 100

85 59.5 45.5 84.5



#27

1,2-Dichloroethane

Concen: 0.423 ug/L

RT: 5.063 min Scan# 1251

Delta R.T. 0.016 min

Lab File: VV034920.D

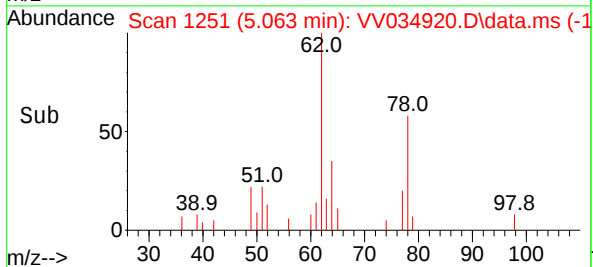
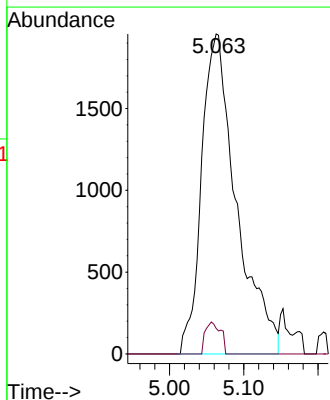
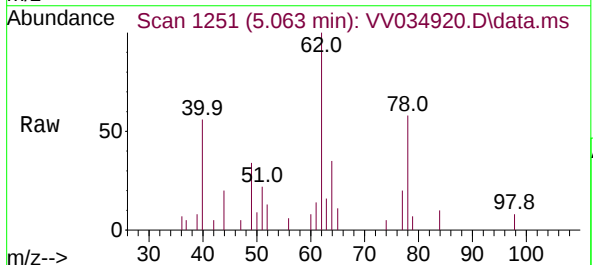
Acq: 02 Apr 2024 08:59

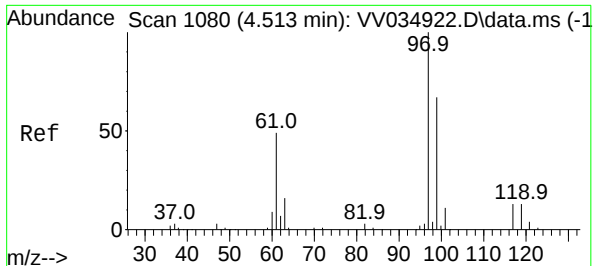
Tgt Ion: 62 Resp: 6365

Ion Ratio Lower Upper

62 100

98 8.0 7.4 11.0

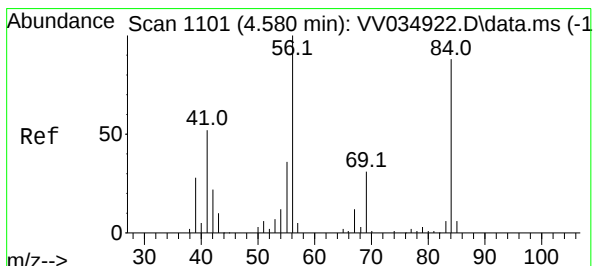
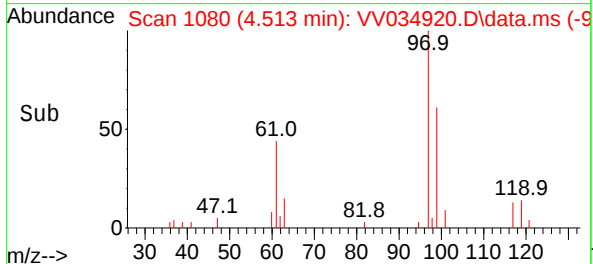
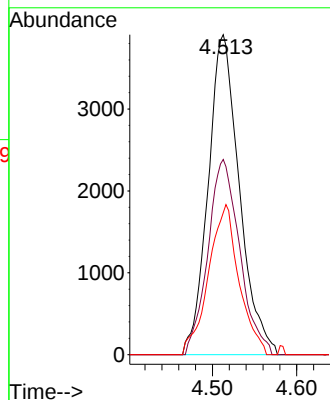
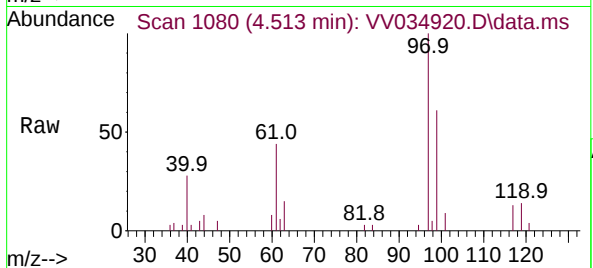




#29
1,1,1-Trichloroethane
Concen: 0.480 ug/L
RT: 4.513 min Scan# 1098
Delta R.T. 0.000 min
Lab File: VV034920.D
Acq: 02 Apr 2024 08:59

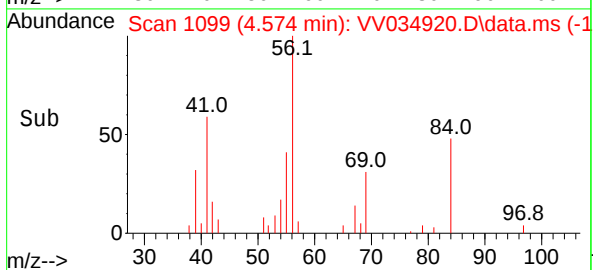
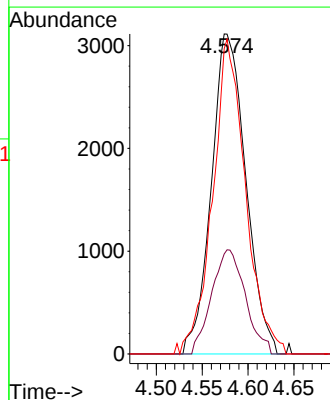
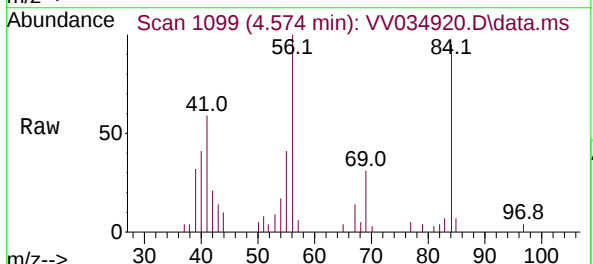
Instrument :
MSVOA_V
ClientSampleId :

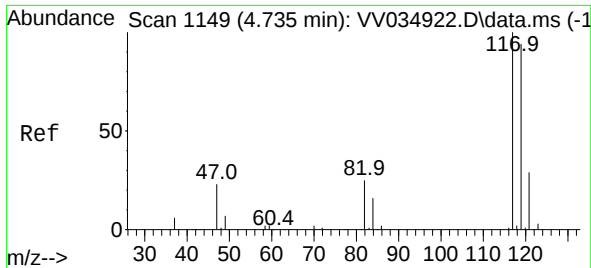
Tgt Ion: 97 Resp: 10072
Ion Ratio Lower Upper
97 100
99 62.0 52.1 78.1
61 45.7 38.7 58.1



#30
Cyclohexane
Concen: 0.421 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. -0.006 min
Lab File: VV034920.D
Acq: 02 Apr 2024 08:59

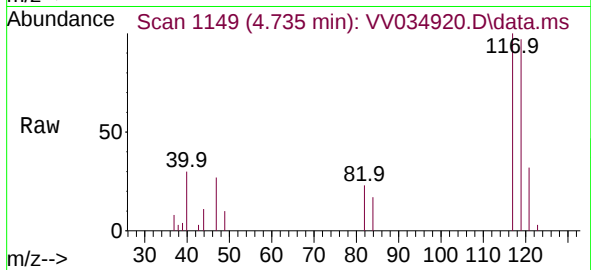
Tgt Ion: 56 Resp: 8129
Ion Ratio Lower Upper
56 100
69 31.9 25.2 37.8
84 93.8 69.8 104.8



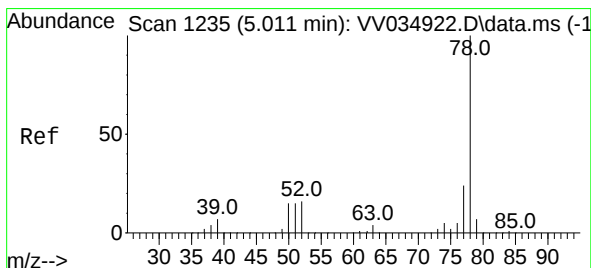
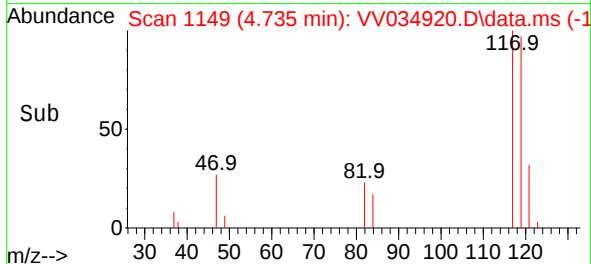
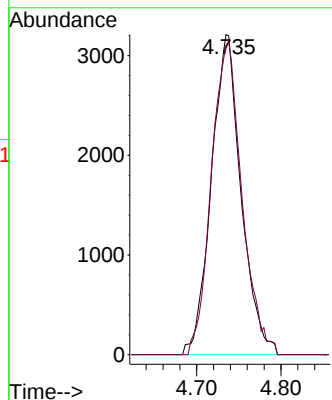


#31
Carbon tetrachloride
Concen: 0.437 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV034920.D
Acq: 02 Apr 2024 08:59

Instrument :
MSVOA_V
ClientSampleId :

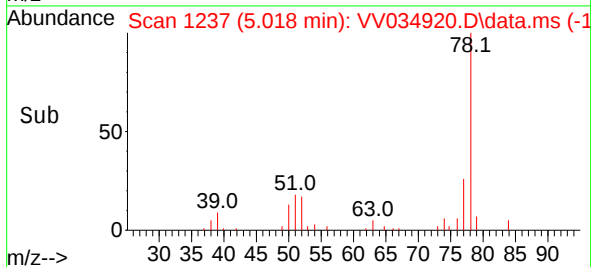
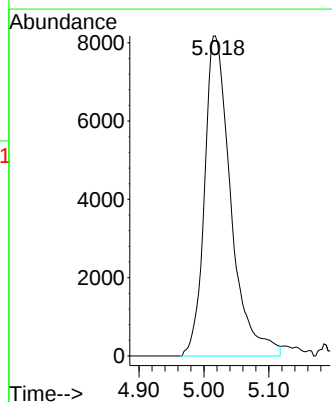
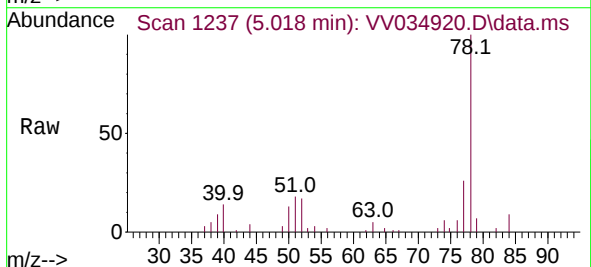


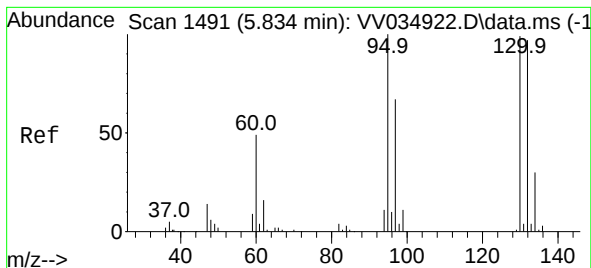
Tgt Ion:117 Resp: 7842
Ion Ratio Lower Upper
117 100
119 100.8 75.8 113.6



#33
Benzene
Concen: 0.440 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.006 min
Lab File: VV034920.D
Acq: 02 Apr 2024 08:59

Tgt Ion: 78 Resp: 23027





#34

Trichloroethene

Concen: 0.456 ug/L

RT: 5.844 min Scan# 1491

Delta R.T. 0.010 min

Lab File: VV034920.D

Acq: 02 Apr 2024 08:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 6219

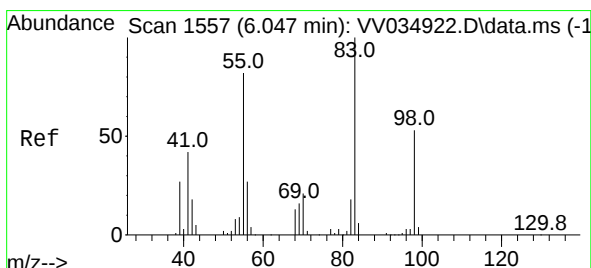
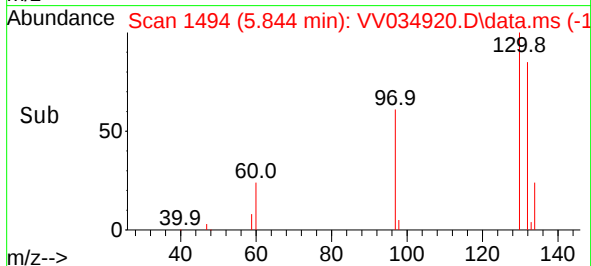
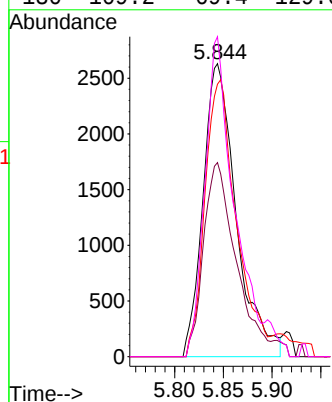
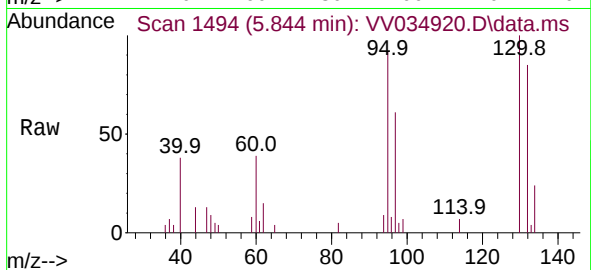
Ion Ratio Lower Upper

95 100

97 66.2 46.8 86.8

132 93.0 68.0 126.4

130 109.2 69.4 129.0



#35

Methylcyclohexane

Concen: 0.432 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV034920.D

Acq: 02 Apr 2024 08:59

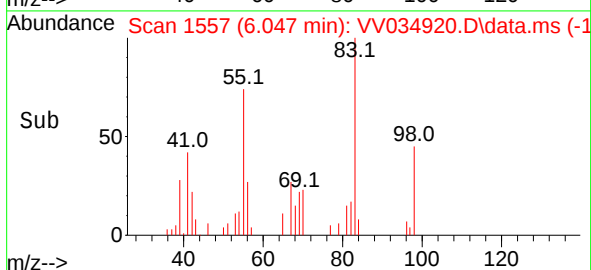
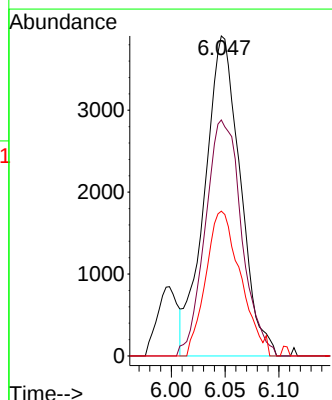
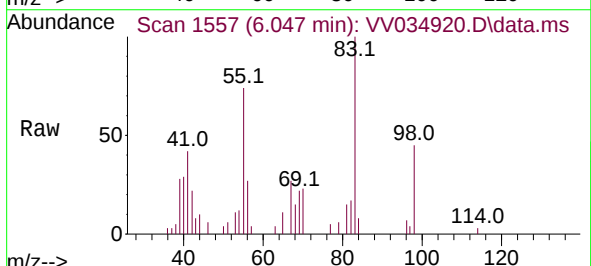
Tgt Ion: 83 Resp: 8977

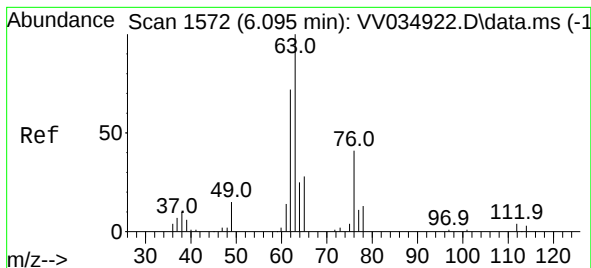
Ion Ratio Lower Upper

83 100

55 75.4 60.6 91.0

98 44.2 37.8 56.6





#37

1,2-Dichloropropane

Concen: 0.467 ug/L

RT: 6.104 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV034920.D

Acq: 02 Apr 2024 08:59

Instrument :

MSVOA_V

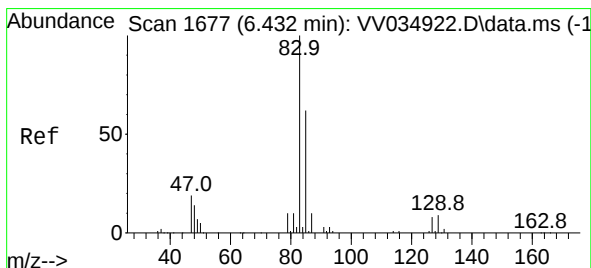
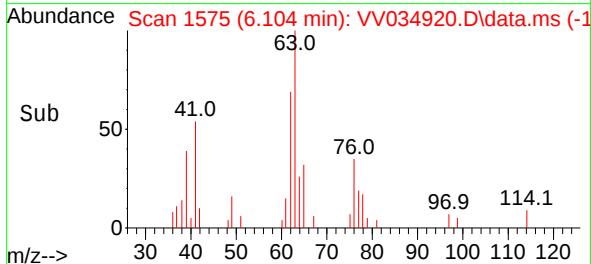
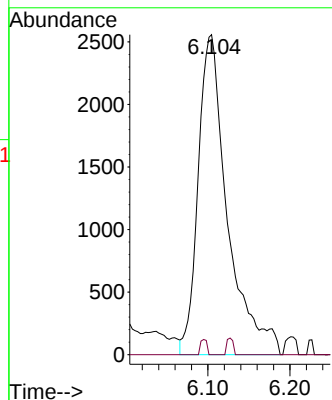
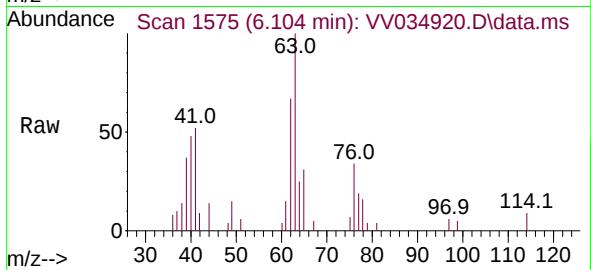
ClientSampleId :

Tgt Ion: 63 Resp: 6339

Ion Ratio Lower Upper

63 100

112 1.0 3.5 5.3#



#38

Bromodichloromethane

Concen: 0.438 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VV034920.D

Acq: 02 Apr 2024 08:59

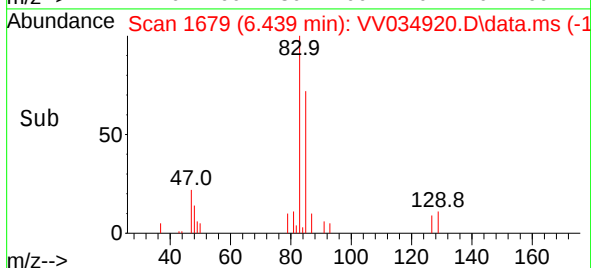
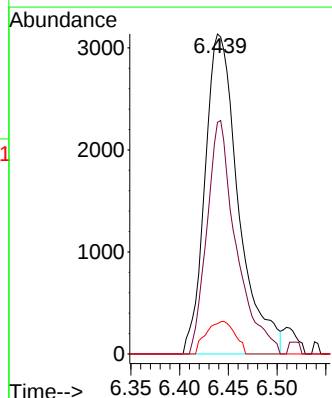
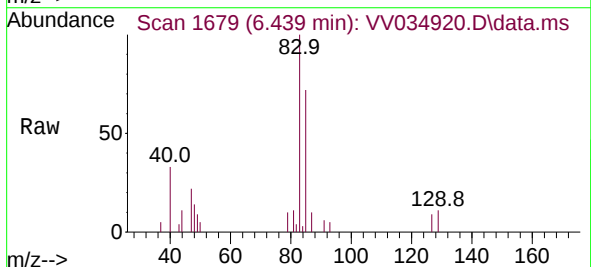
Tgt Ion: 83 Resp: 7496

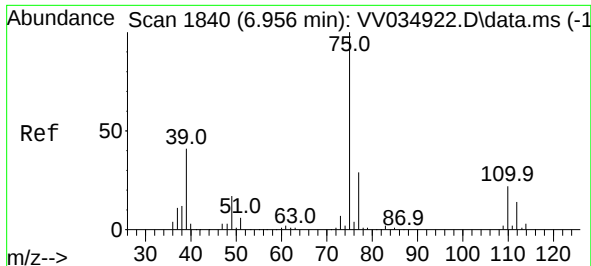
Ion Ratio Lower Upper

83 100

85 72.4 43.6 81.0

127 9.5 6.2 9.2#

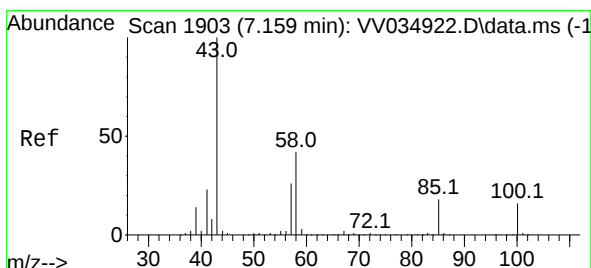
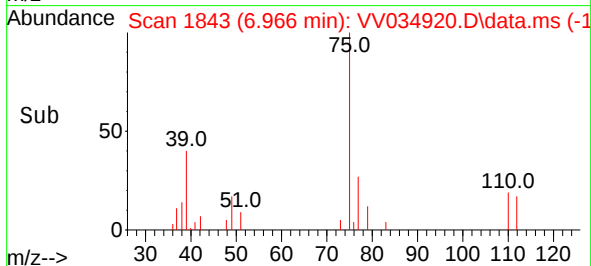
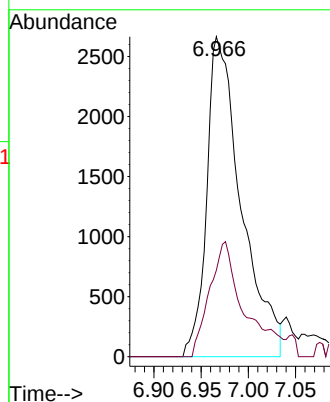
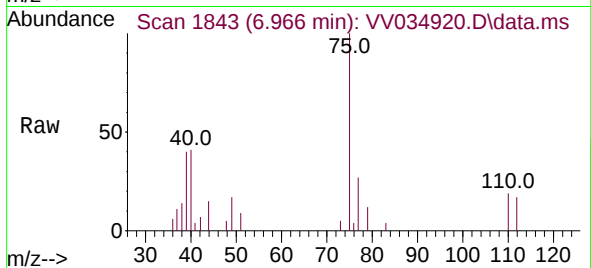




#39
 cis-1,3-Dichloropropene
 Concen: 0.371 ug/L
 RT: 6.966 min Scan# 11
 Delta R.T. 0.010 min
 Lab File: VV034920.D
 Acq: 02 Apr 2024 08:59

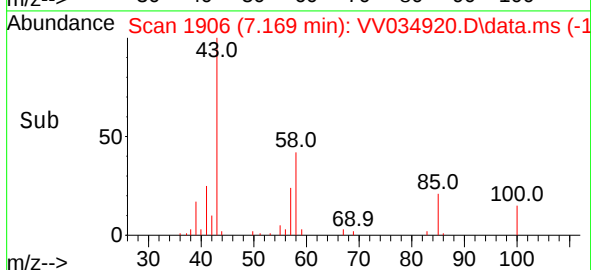
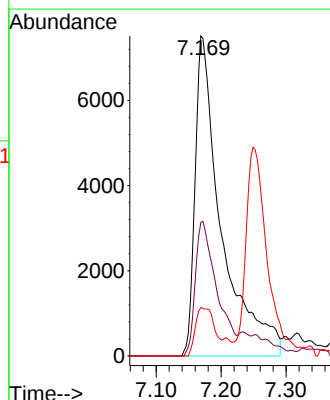
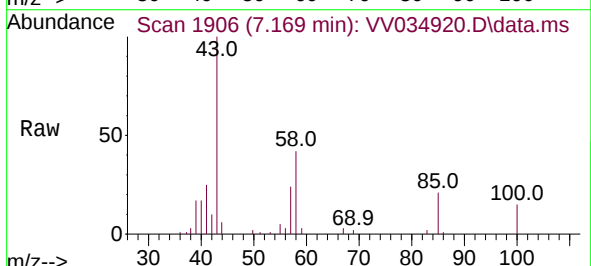
Instrument :
 MSVOA_V
 ClientSampleId :

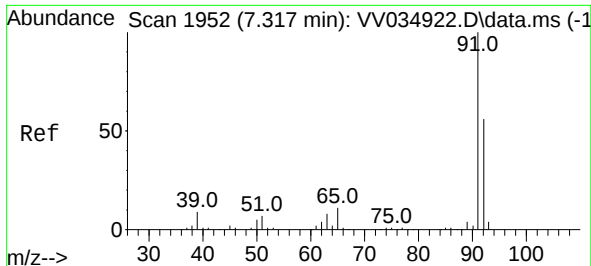
Tgt Ion: 75 Resp: 6759
 Ion Ratio Lower Upper
 75 100
 77 27.0 20.6 38.4



#40
 4-Methyl-2-pentanone
 Concen: 3.644 ug/L
 RT: 7.169 min Scan# 1906
 Delta R.T. 0.010 min
 Lab File: VV034920.D
 Acq: 02 Apr 2024 08:59

Tgt Ion: 43 Resp: 21163
 Ion Ratio Lower Upper
 43 100
 58 34.5 33.8 50.6
 100 11.0 11.9 17.9#





#42

Toluene

Concen: 0.398 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VV034920.D

Acq: 02 Apr 2024 08:59

Instrument :

MSVOA_V

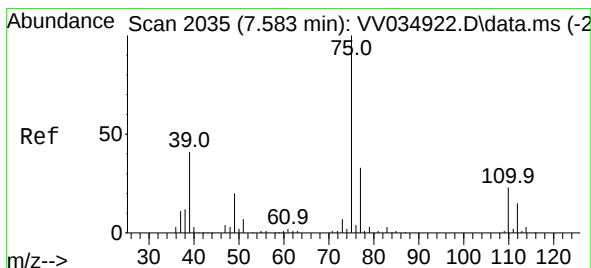
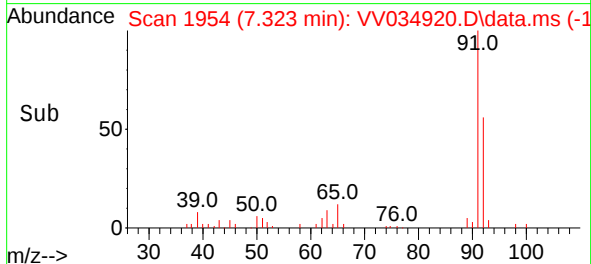
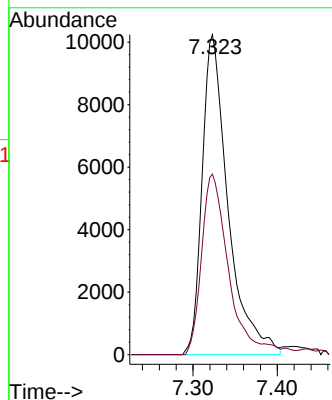
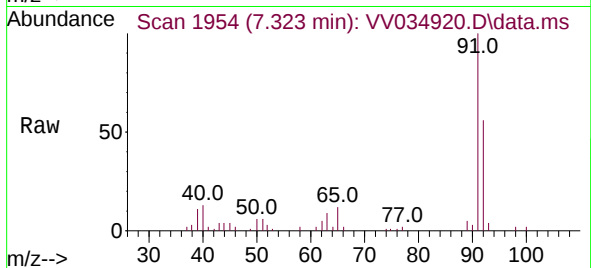
ClientSampleId :

Tgt Ion: 91 Resp: 21883

Ion Ratio Lower Upper

91 100

92 56.5 38.9 72.2



#44

trans-1,3-Dichloropropene

Concen: 0.355 ug/L

RT: 7.603 min Scan# 2041

Delta R.T. 0.019 min

Lab File: VV034920.D

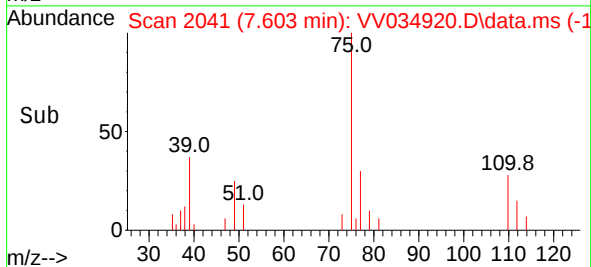
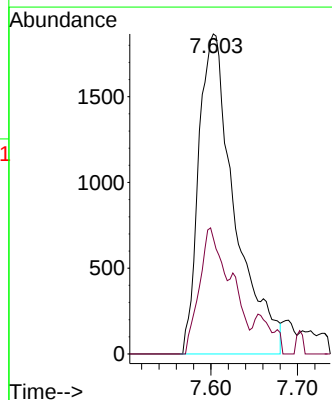
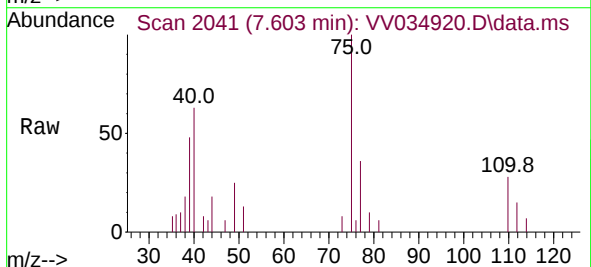
Acq: 02 Apr 2024 08:59

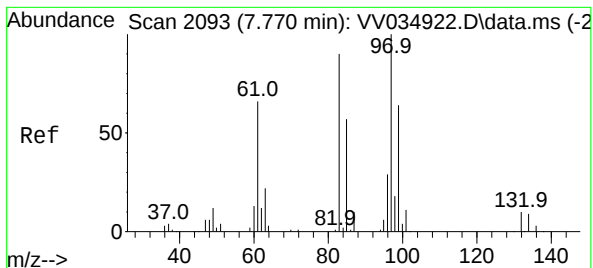
Tgt Ion: 75 Resp: 5375

Ion Ratio Lower Upper

75 100

77 36.2 22.7 42.3





#45

1,1,2-Trichloroethane

Concen: 0.408 ug/L

RT: 7.780 min Scan# 2096

Delta R.T. 0.010 min

Lab File: VV034920.D

Acq: 02 Apr 2024 08:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 3644

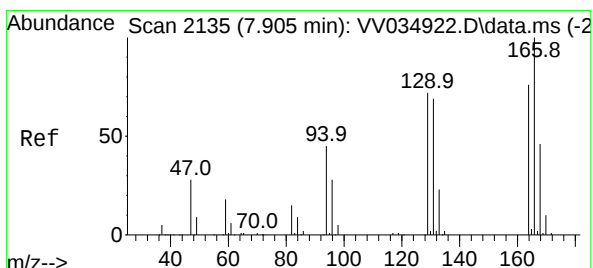
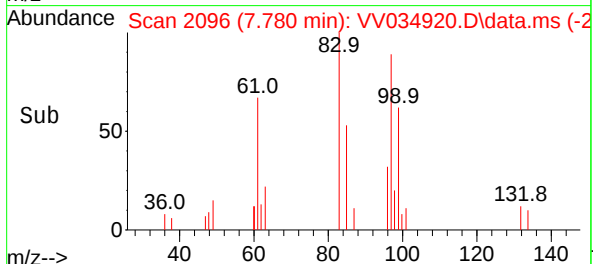
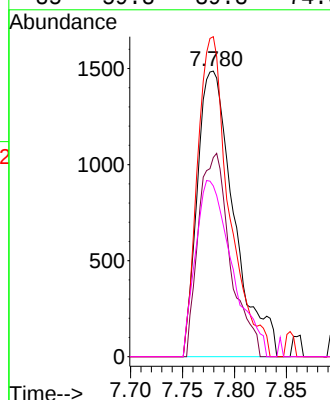
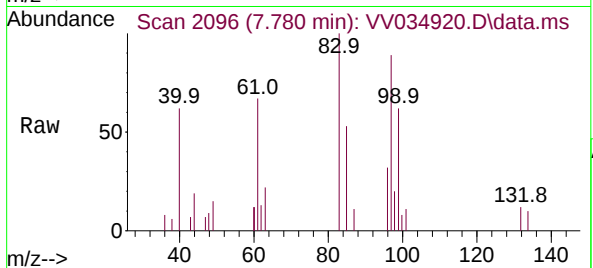
Ion Ratio Lower Upper

97 100

99 69.7 44.5 82.7

83 112.0 63.2 117.4

85 59.8 39.8 74.0



#47

Tetrachloroethene

Concen: 0.457 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.006 min

Lab File: VV034920.D

Acq: 02 Apr 2024 08:59

Tgt Ion:164 Resp: 4687

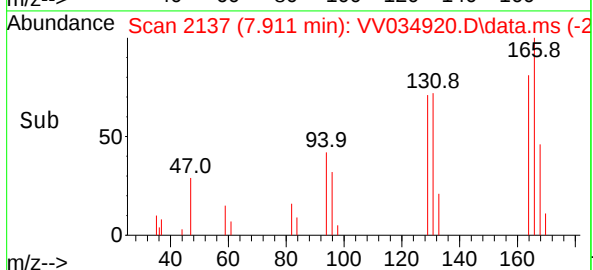
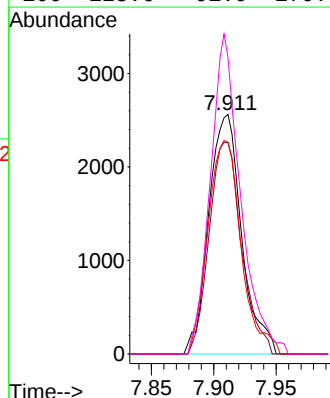
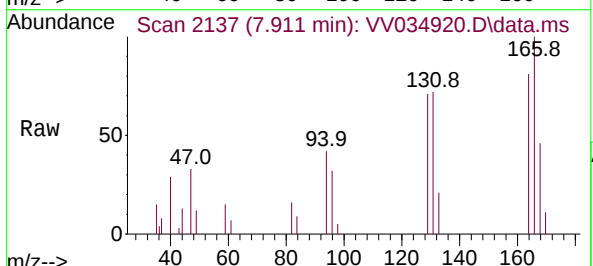
Ion Ratio Lower Upper

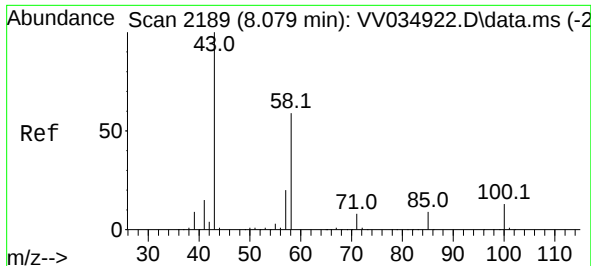
164 100

129 88.2 66.0 122.6

131 88.4 63.0 117.0

166 123.6 91.9 170.7





#48

2-Hexanone

Concen: 3.017 ug/L

RT: 8.101 min Scan# 2189

Delta R.T. 0.023 min

Lab File: VV034920.D

Acq: 02 Apr 2024 08:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 13671

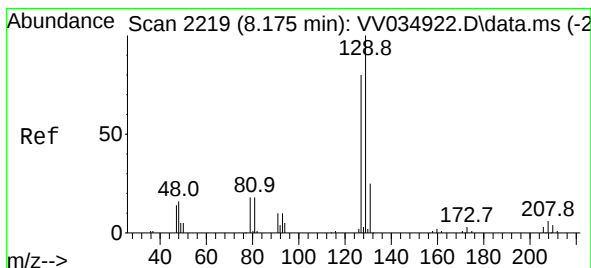
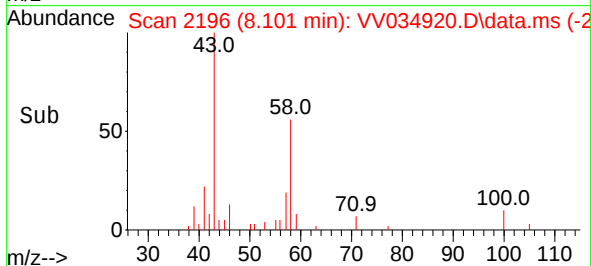
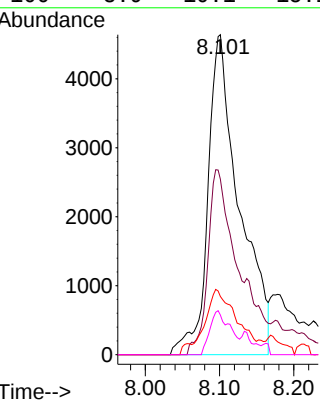
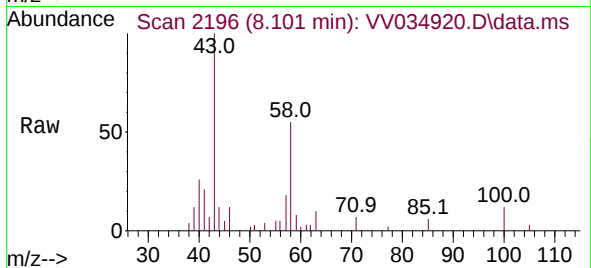
Ion Ratio Lower Upper

43 100

58 56.8 48.2 72.4

57 20.9 15.6 23.4

100 8.9 10.1 15.1#



#49

Dibromochloromethane

Concen: 0.401 ug/L

RT: 8.181 min Scan# 2221

Delta R.T. 0.006 min

Lab File: VV034920.D

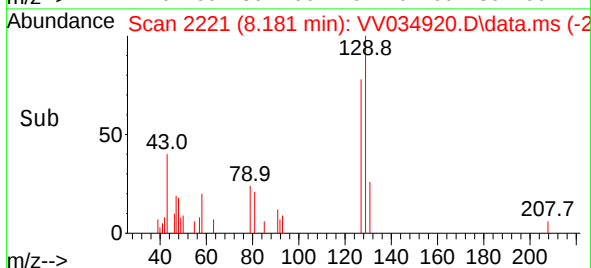
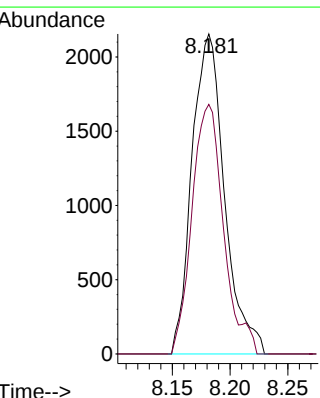
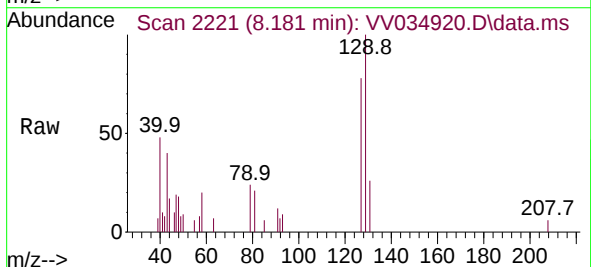
Acq: 02 Apr 2024 08:59

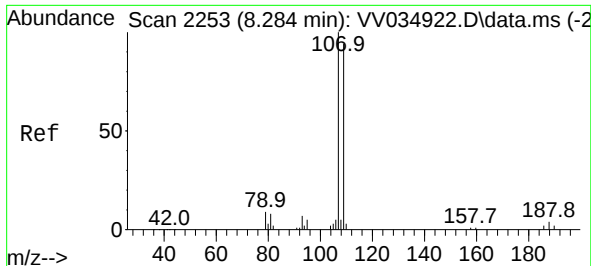
Tgt Ion: 129 Resp: 4215

Ion Ratio Lower Upper

129 100

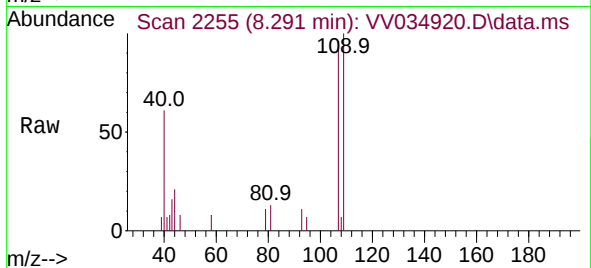
127 78.0 56.4 104.7



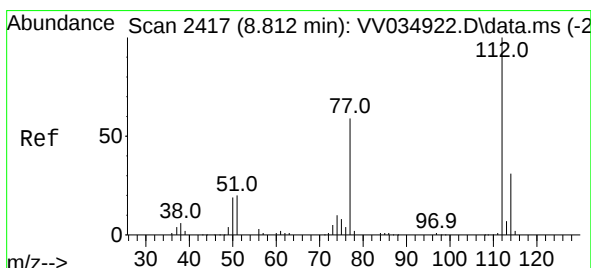
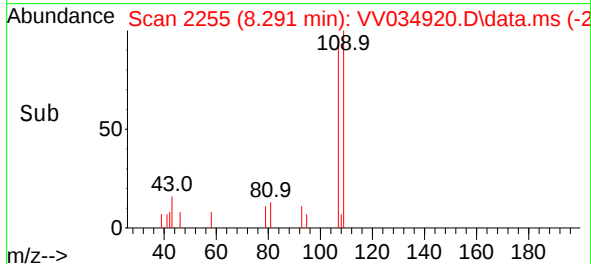
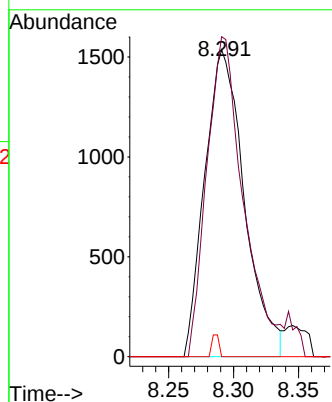


#50
1,2-Dibromoethane
Concen: 0.388 ug/L
RT: 8.291 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV034920.D
Acq: 02 Apr 2024 08:59

Instrument :
MSVOA_V
ClientSampleId :

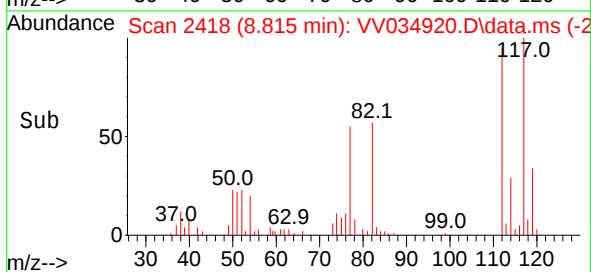
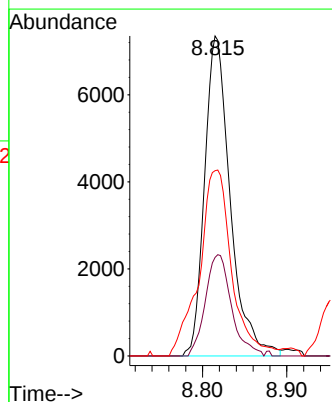
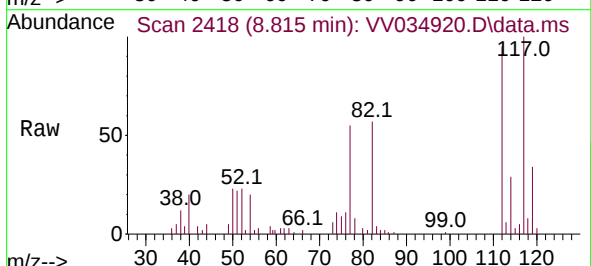


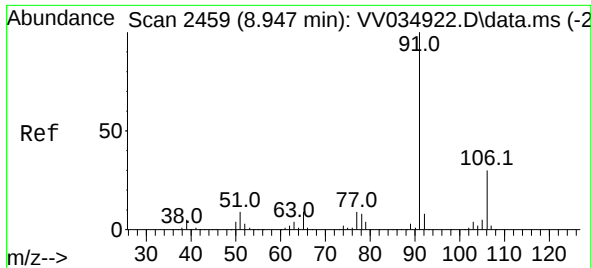
Tgt Ion:107 Resp: 3255
Ion Ratio Lower Upper
107 100
109 104.3 66.1 122.8
188 0.0 3.2 4.8#



#51
Chlorobenzene
Concen: 0.438 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV034920.D
Acq: 02 Apr 2024 08:59

Tgt Ion:112 Resp: 15564
Ion Ratio Lower Upper
112 100
114 30.8 21.9 40.7
77 57.9 47.4 71.2





#52

Ethylbenzene

Concen: 0.390 ug/L

RT: 8.950 min Scan# 2459

Delta R.T. 0.003 min

Lab File: VV034920.D

Acq: 02 Apr 2024 08:59

Instrument :

MSVOA_V

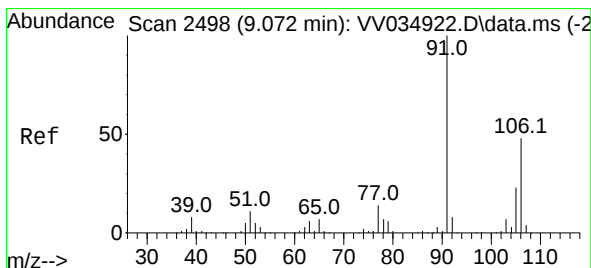
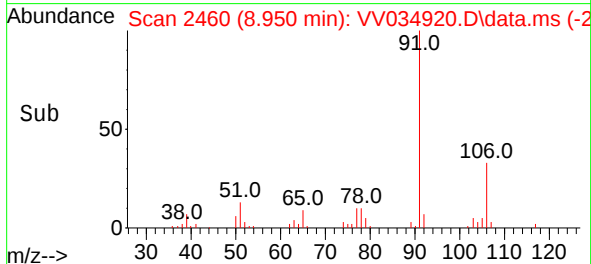
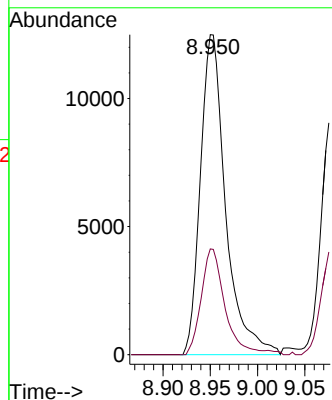
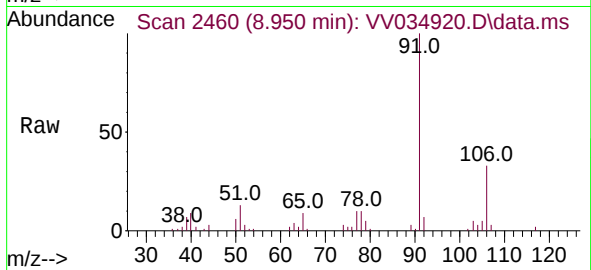
ClientSampleId :

Tgt Ion: 91 Resp: 23165

Ion Ratio Lower Upper

91 100

106 33.0 21.2 39.4



#53

m,p-Xylene

Concen: 0.381 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. 0.010 min

Lab File: VV034920.D

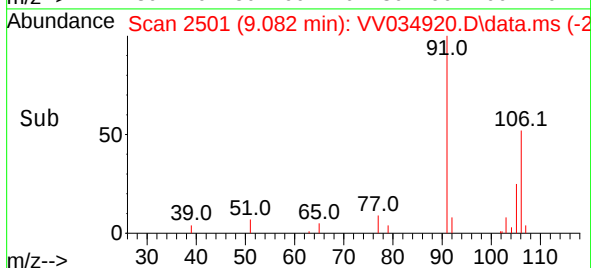
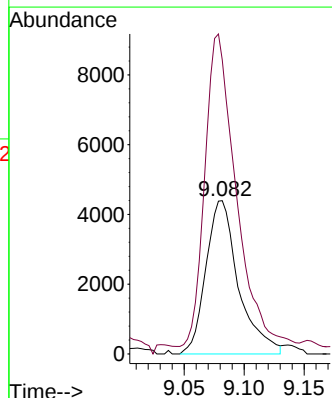
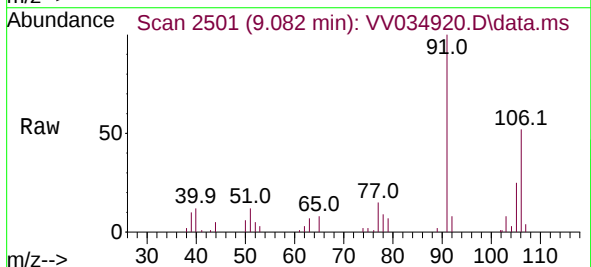
Acq: 02 Apr 2024 08:59

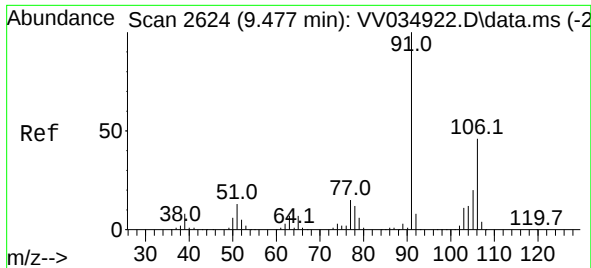
Tgt Ion: 106 Resp: 8328

Ion Ratio Lower Upper

106 100

91 191.9 145.7 270.7

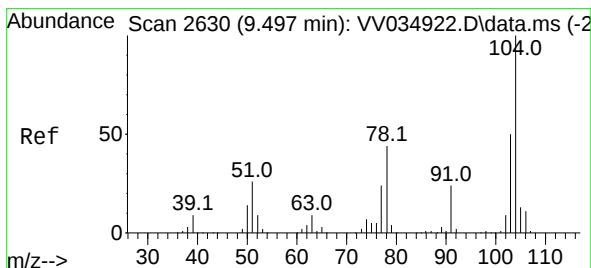
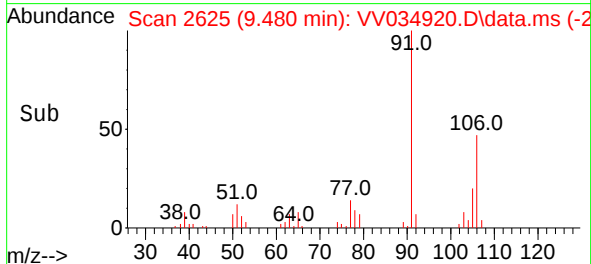
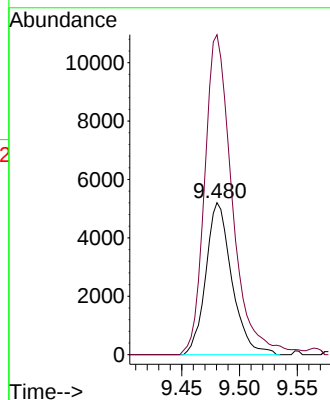
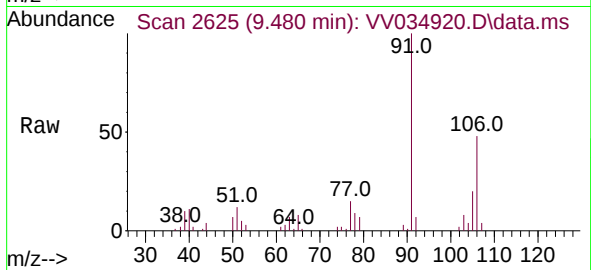




#54
o-Xylene
Concen: 0.380 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.003 min
Lab File: VV034920.D
Acq: 02 Apr 2024 08:59

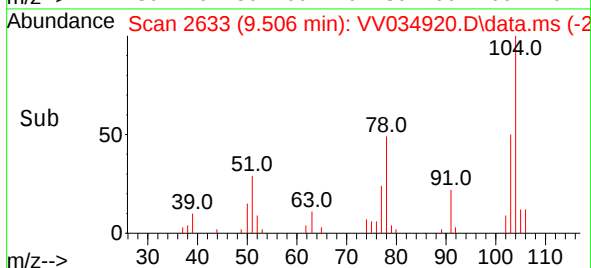
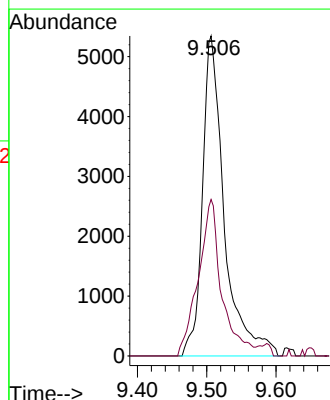
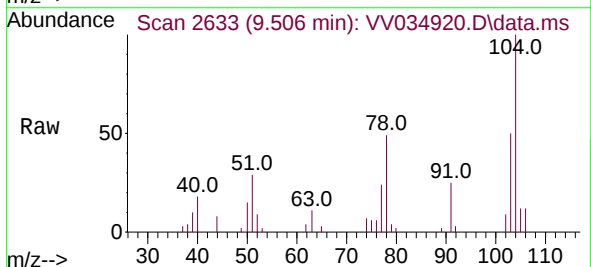
Instrument :
MSVOA_V
ClientSampleId :

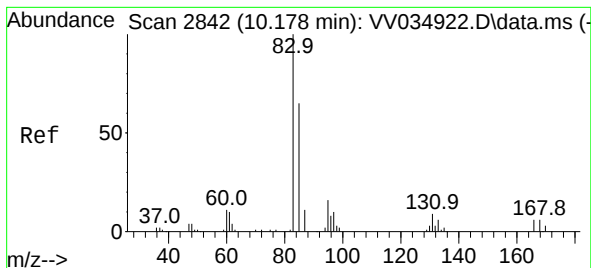
Tgt Ion:106 Resp: 8146
Ion Ratio Lower Upper
106 100
91 210.4 151.2 280.8



#55
Styrene
Concen: 0.339 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.010 min
Lab File: VV034920.D
Acq: 02 Apr 2024 08:59

Tgt Ion:104 Resp: 11671
Ion Ratio Lower Upper
104 100
78 48.9 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 0.410 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. 0.000 min

Lab File: VV034920.D

Acq: 02 Apr 2024 08:59

Instrument :

MSVOA_V

ClientSampleId :

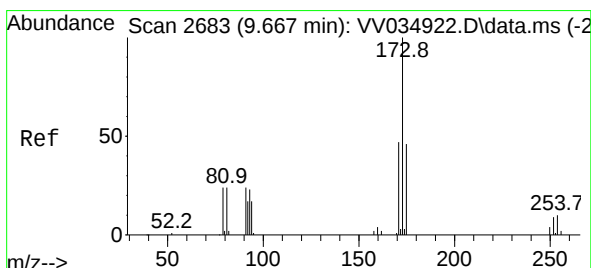
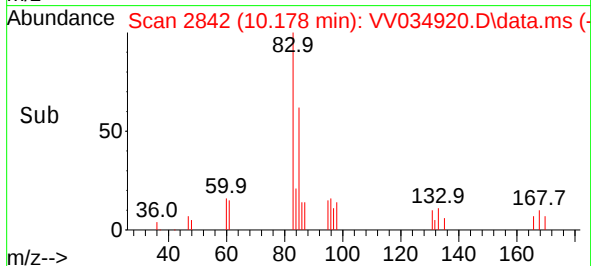
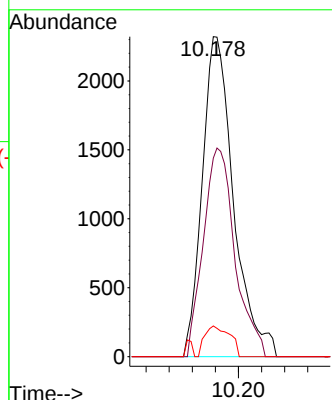
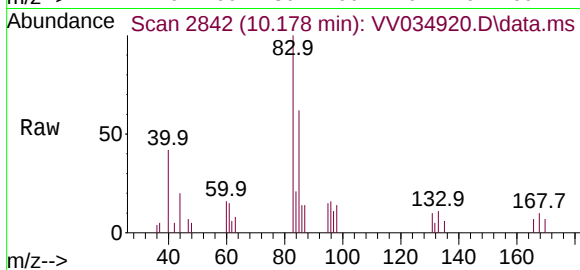
Tgt Ion: 83 Resp: 4371

Ion Ratio Lower Upper

83 100

85 62.0 45.7 84.9

131 9.6 7.6 11.4



#59

Bromoform

Concen: 0.416 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.000 min

Lab File: VV034920.D

Acq: 02 Apr 2024 08:59

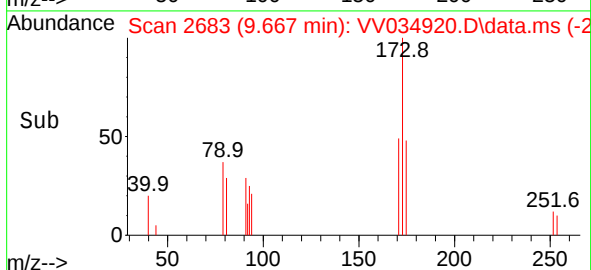
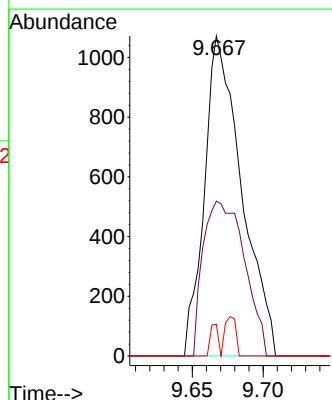
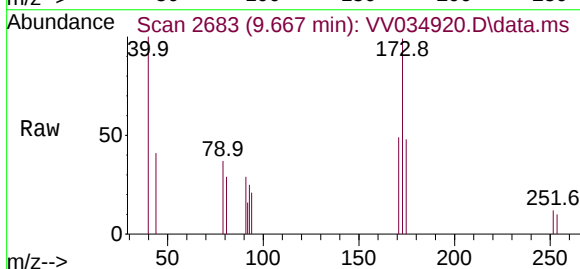
Tgt Ion: 173 Resp: 1956

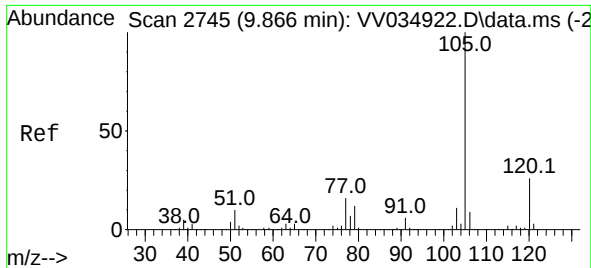
Ion Ratio Lower Upper

173 100

175 53.7 37.8 56.8

254 2.1 7.8 11.6#

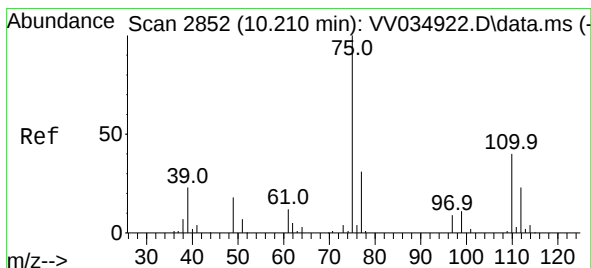
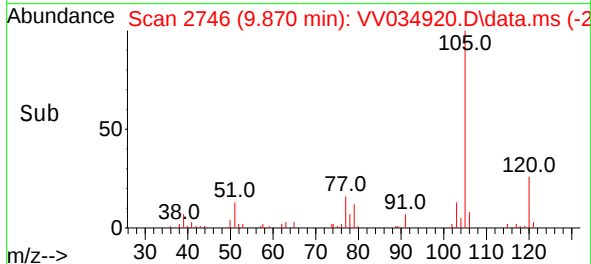
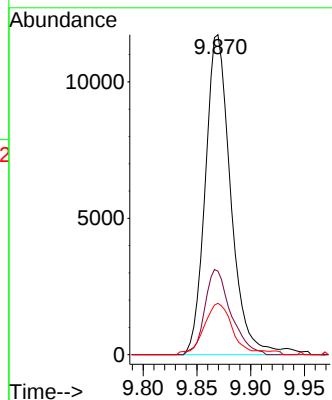
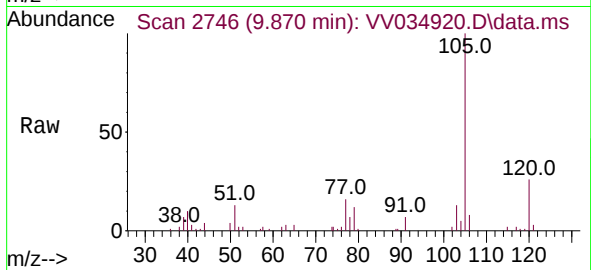




#60
Isopropylbenzene
Concen: 0.406 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034920.D
Acq: 02 Apr 2024 08:59

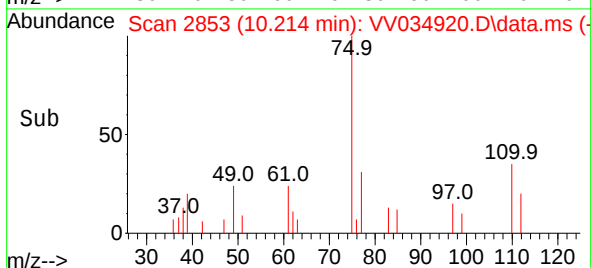
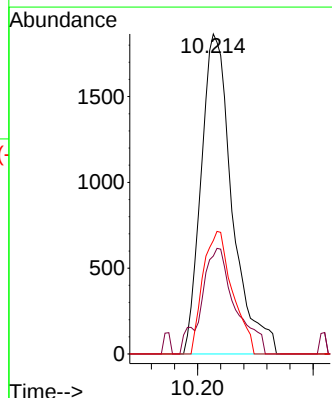
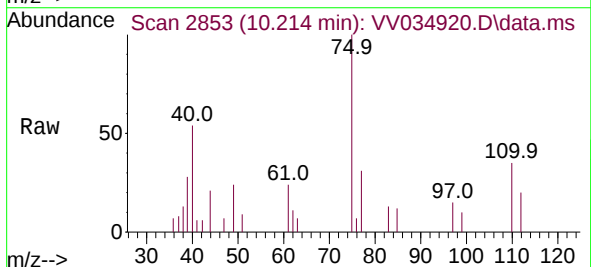
Instrument :
MSVOA_V
ClientSampleId :

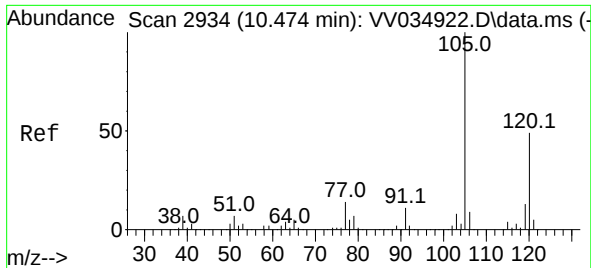
Tgt Ion:105 Resp: 19177
Ion Ratio Lower Upper
105 100
120 27.4 21.0 31.4
77 18.3 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 0.493 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.003 min
Lab File: VV034920.D
Acq: 02 Apr 2024 08:59

Tgt Ion: 75 Resp: 3478
Ion Ratio Lower Upper
75 100
77 35.9 24.8 37.2
110 36.2 31.0 46.6





#62

1,3,5-Trimethylbenzene

Concen: 0.405 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. 0.003 min

Lab File: VV034920.D

Acq: 02 Apr 2024 08:59

Instrument :

MSVOA_V

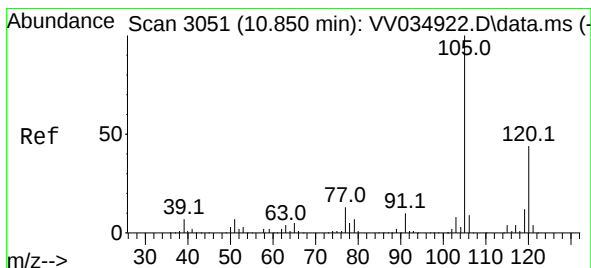
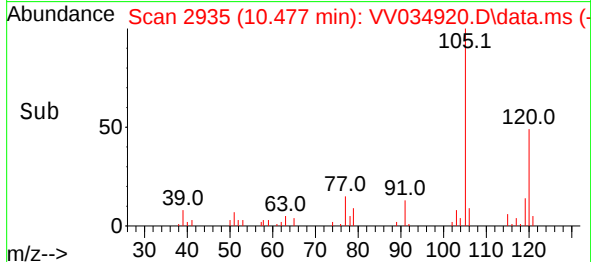
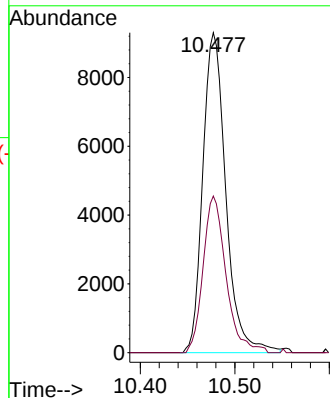
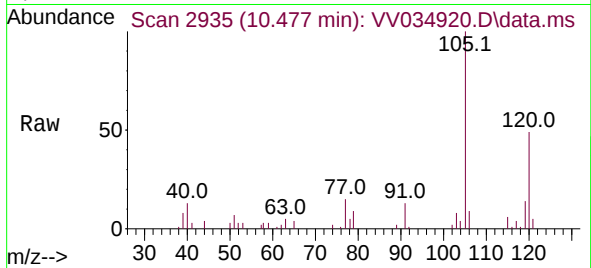
ClientSampleId :

Tgt Ion:105 Resp: 15738

Ion Ratio Lower Upper

105 100

120 48.7 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 0.381 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV034920.D

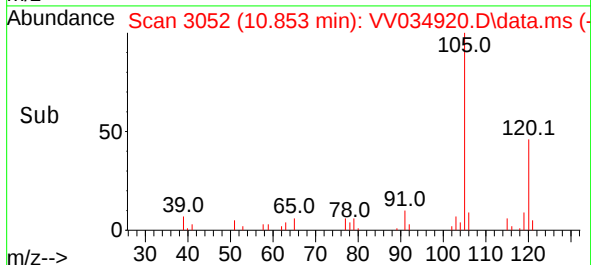
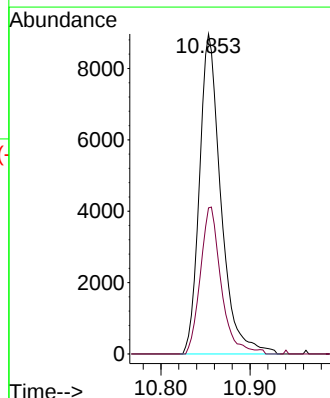
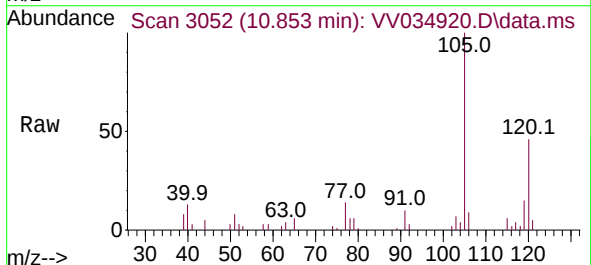
Acq: 02 Apr 2024 08:59

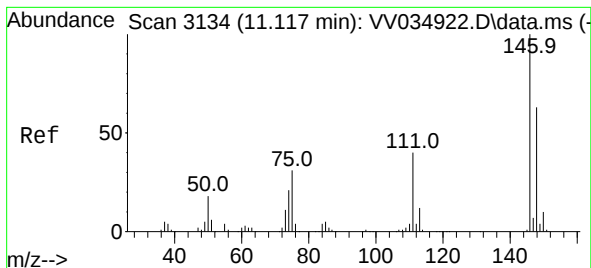
Tgt Ion:105 Resp: 14996

Ion Ratio Lower Upper

105 100

120 44.6 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 0.448 ug/L

RT: 11.124 min Scan# 3134

Delta R.T. 0.006 min

Lab File: VV034920.D

Acq: 02 Apr 2024 08:59

Instrument :

MSVOA_V

ClientSampleId :

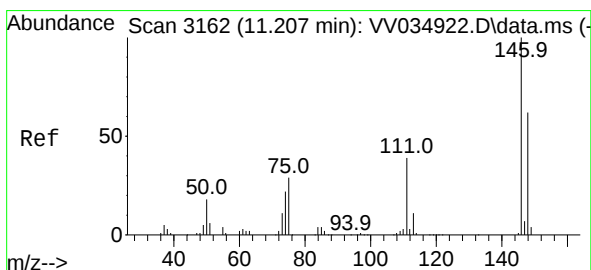
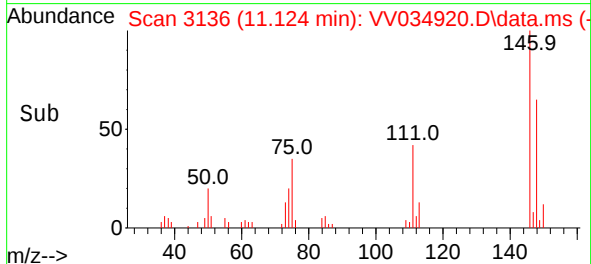
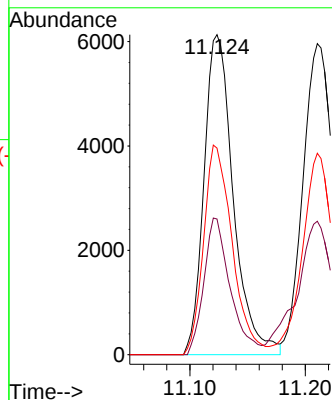
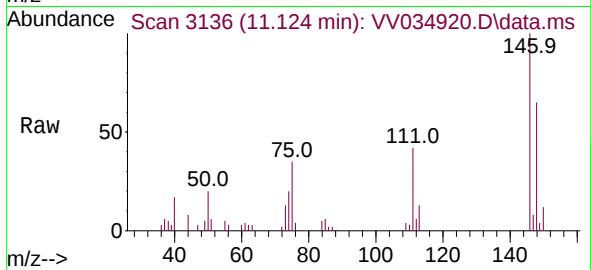
Tgt Ion:146 Resp: 10821

Ion Ratio Lower Upper

146 100

111 42.4 27.7 51.5

148 64.6 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 0.487 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV034920.D

Acq: 02 Apr 2024 08:59

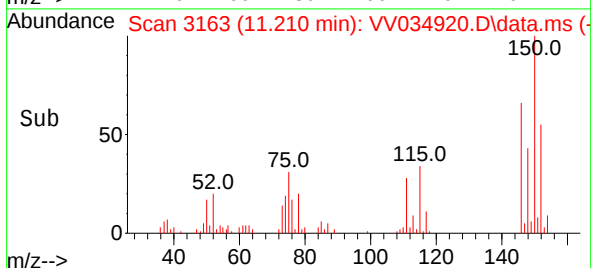
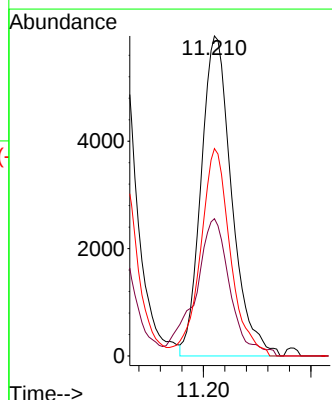
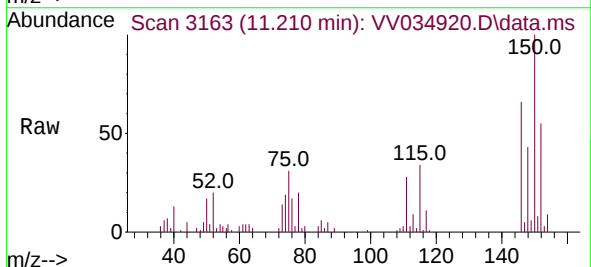
Tgt Ion:146 Resp: 11772

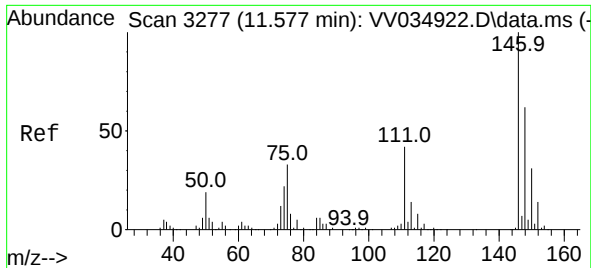
Ion Ratio Lower Upper

146 100

111 42.9 27.3 50.7

148 64.8 43.5 80.7

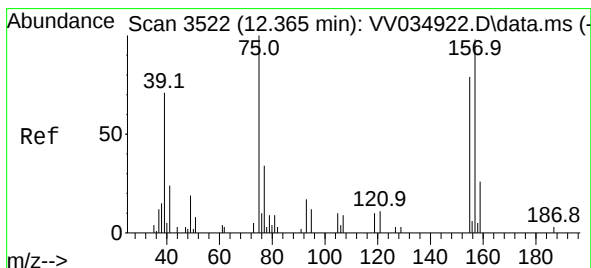
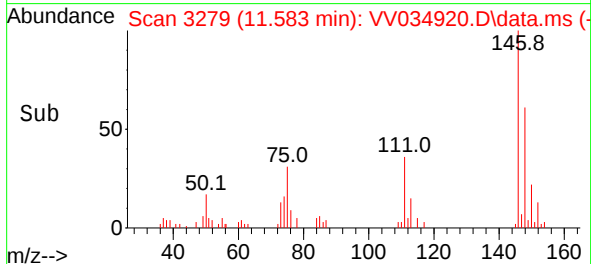
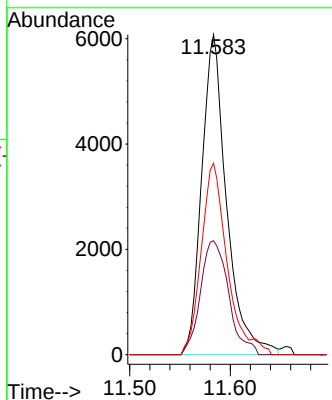
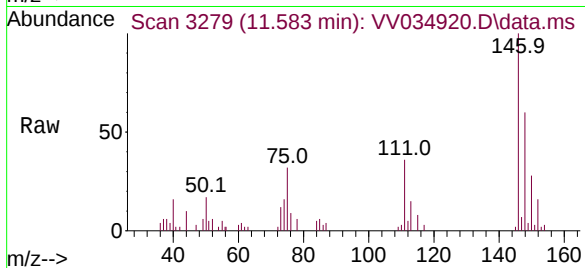




#67
1,2-Dichlorobenzene
Concen: 0.469 ug/L
RT: 11.583 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV034920.D
Acq: 02 Apr 2024 08:59

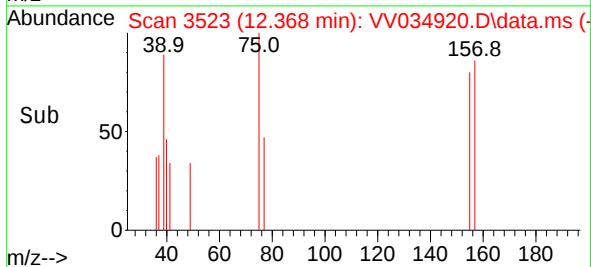
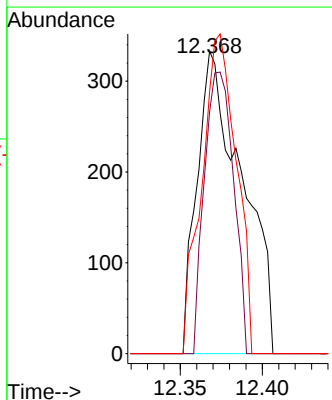
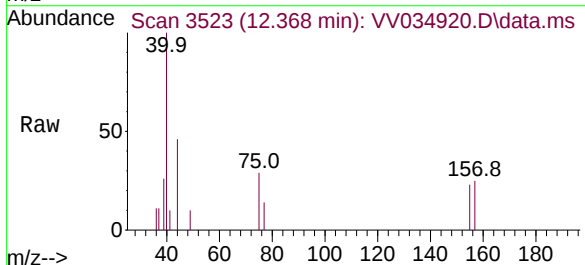
Instrument :
MSVOA_V
ClientSampleId :

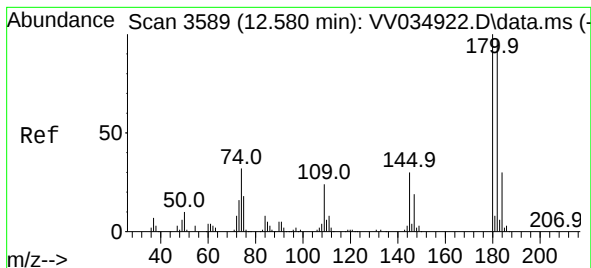
Tgt Ion:146 Resp: 10455
Ion Ratio Lower Upper
146 100
111 35.6 33.9 50.9
148 59.8 49.3 73.9



#68
1,2-Dibromo-3-chloropropane
Concen: 0.436 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.003 min
Lab File: VV034920.D
Acq: 02 Apr 2024 08:59

Tgt Ion: 75 Resp: 633
Ion Ratio Lower Upper
75 100
155 79.9 63.4 95.0
157 86.5 78.6 117.8





#69

1,3,5-Trichlorobenzene

Concen: 0.447 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.003 min

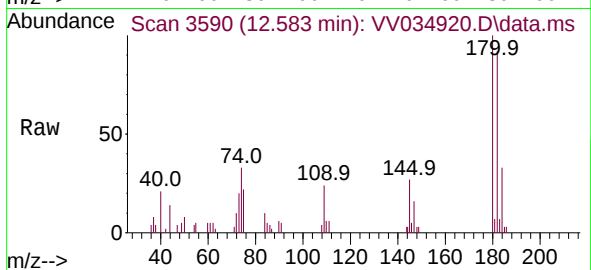
Lab File: VV034920.D

Acq: 02 Apr 2024 08:59

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 8093

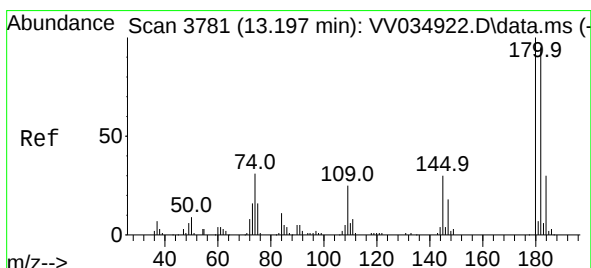
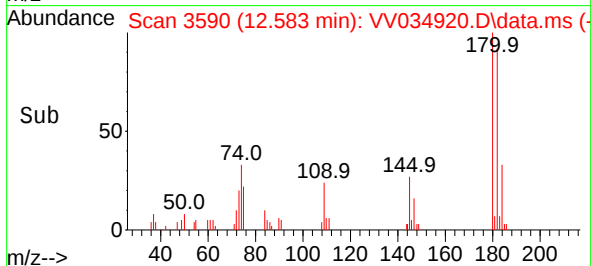
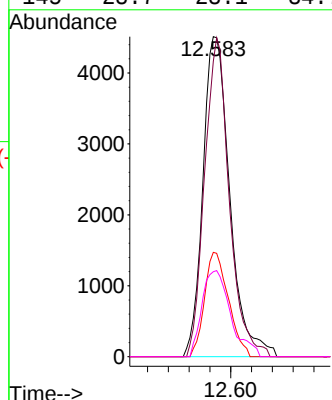
Ion Ratio Lower Upper

180 100

182 91.3 77.3 115.9

184 29.0 24.1 36.1

145 28.7 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 0.389 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.006 min

Lab File: VV034920.D

Acq: 02 Apr 2024 08:59

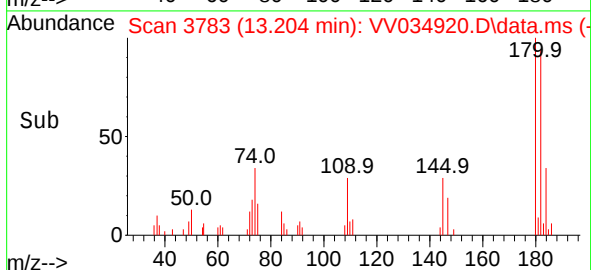
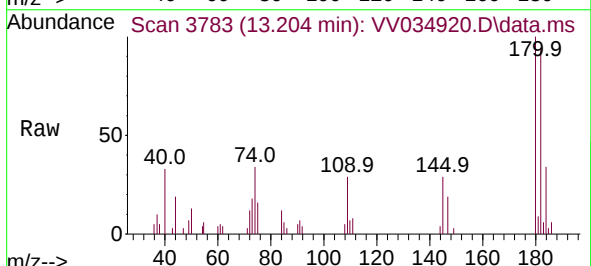
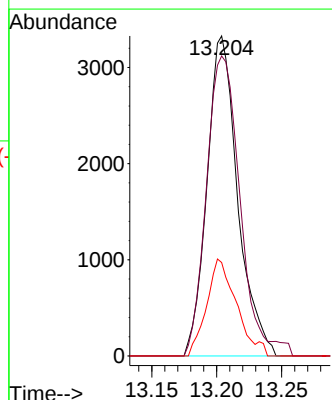
Tgt Ion:180 Resp: 5469

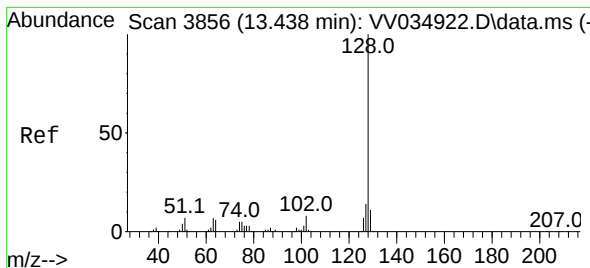
Ion Ratio Lower Upper

180 100

182 102.8 75.3 112.9

145 29.4 23.4 35.0





#71

Naphthalene

Concen: 0.416 ug/L

RT: 13.448 min Scan# 3856

Delta R.T. 0.010 min

Lab File: VV034920.D

Acq: 02 Apr 2024 08:59

Instrument :

MSVOA_V

ClientSampleId :

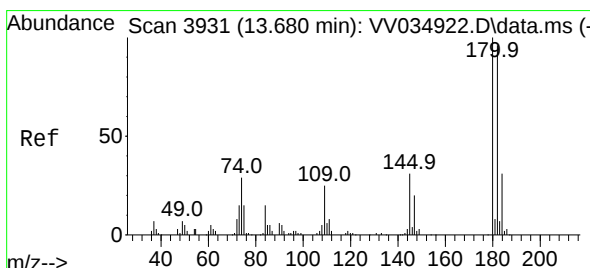
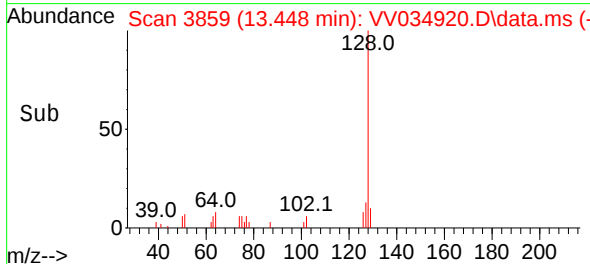
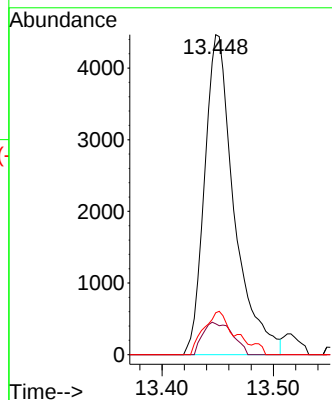
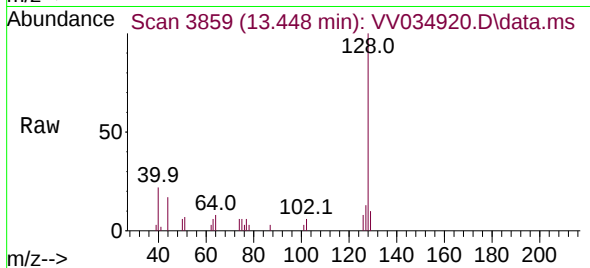
Tgt Ion:128 Resp: 8235

Ion Ratio Lower Upper

128 100

129 10.2 8.6 12.8

127 13.7 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 0.386 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

Lab File: VV034920.D

Acq: 02 Apr 2024 08:59

Tgt Ion:180 Resp: 4779

Ion Ratio Lower Upper

180 100

182 91.5 77.0 115.4

145 31.9 25.4 38.2

