

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022924\
 Data File : VU057968.D
 Acq On : 29 Feb 2024 10:54
 Operator : MD/SY
 Sample : VSTD010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 01 05:03:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 01 05:01:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	149981	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	140018	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	69266	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	117401	13.334	ug/L	0.00
7) Chloroethane-d5	1.908	69	95408	12.950	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	51375	12.592	ug/L	0.00
20) 2-Butanone-d5	4.608	46	211078	131.053	ug/L	0.00
24) Chloroform-d	5.052	84	222896	12.653	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	104388	13.065	ug/L	0.00
32) Benzene-d6	5.718	84	451174	13.072	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	136268	13.036	ug/L	0.00
41) Toluene-d8	7.891	98	412487	12.660	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	48234	11.914	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	174573	133.698	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	84771	12.280	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	125765	12.532	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	95588	7.924	ug/L	99
3) Chloromethane	1.515	50	108803	8.767	ug/L	100
5) Vinyl chloride	1.599	62	119250	8.995	ug/L	98
6) Bromomethane	1.850	94	63777	9.169	ug/L	100
8) Chloroethane	1.927	64	74978	9.288	ug/L	95
9) Trichlorofluoromethane	2.133	101	167960	8.608	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	106465	9.283	ug/L	98
12) 1,1-Dichloroethene	2.573	96	93841	8.832	ug/L	98
13) Acetone	2.615	43	144940	98.369	ug/L	98
14) Carbon disulfide	2.789	76	288834	8.478	ug/L	100
15) Methyl Acetate	2.940	43	32038	8.574	ug/L	98
16) Methylene chloride	3.036	84	105109	9.169	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	227007	9.057	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	102329	9.152	ug/L	98
19) 1,1-Dichloroethane	3.859	63	209769	9.971	ug/L	100
21) 2-Butanone	4.686	43	230131	99.807	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	114891	9.497	ug/L	99
23) Bromochloromethane	4.965	128	43343	9.054	ug/L	95
25) Chloroform	5.078	83	207768	9.418	ug/L	100
27) 1,2-Dichloroethane	5.785	62	120173	9.416	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	175589	8.810	ug/L	100
30) Cyclohexane	5.380	56	178084	9.174	ug/L	99
31) Carbon tetrachloride	5.515	117	153826	8.814	ug/L	99
33) Benzene	5.766	78	452265	9.576	ug/L	100
34) Trichloroethene	6.534	95	117729	9.118	ug/L	97
35) Methylcyclohexane	6.756	83	184877	8.891	ug/L	99
37) 1,2-Dichloropropane	6.782	63	118408	9.958	ug/L	100
38) Bromodichloromethane	7.097	83	143152	9.120	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	169318	9.355	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	573895	101.159	ug/L	99
42) Toluene	7.962	91	481891	9.523	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	136440	9.343	ug/L	96

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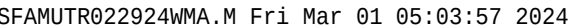
Instrument :
 MSVOA_U
 ClientSampleId :

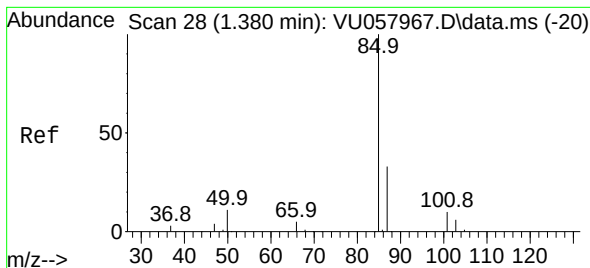
Quant Time: Mar 01 05:03:48 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	69857	9.205	ug/L	99
47) Tetrachloroethene	8.547	164	82426	8.806	ug/L	98
48) 2-Hexanone	8.676	43	420348	104.825	ug/L	97
49) Dibromochloromethane	8.801	129	84343	8.686	ug/L	98
50) 1,2-Dibromoethane	8.917	107	65270	8.964	ug/L	94
51) Chlorobenzene	9.441	112	295303	9.334	ug/L	98
52) Ethylbenzene	9.563	91	541957	9.545	ug/L	100
53) m,p-Xylene	9.685	106	197751	9.420	ug/L	98
54) o-Xylene	10.094	106	192966	9.462	ug/L	98
55) Styrene	10.107	104	314499	9.975	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	83230	9.075	ug/L	97
59) Bromoform	10.283	173	42734	8.180	ug/L	100
60) Isopropylbenzene	10.476	105	498723	9.414	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	59844	8.896	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	433409	9.314	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	435613	9.358	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	225197	9.387	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	213998	9.265	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	195111	9.123	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	13287	10.626	ug/L	94
69) 1,3,5-Trichlorobenzene	13.213	180	163831	9.402	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	131730	10.207	ug/L	98
71) Naphthalene	14.081	128	178584	9.851	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	102157	10.144	ug/L	99

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

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#2

Dichlorodifluoromethane

Concen: 7.924 ug/L

RT: 1.380 min Scan# 20

Delta R.T. 0.000 min

Lab File: VU057968.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_U

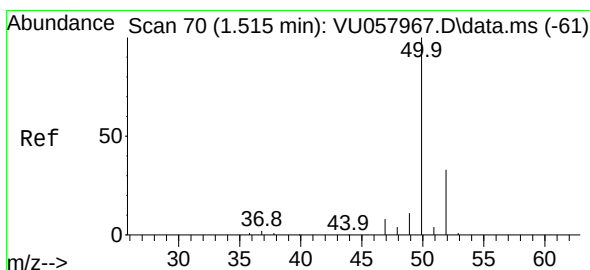
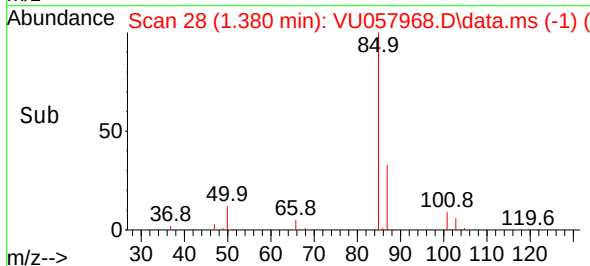
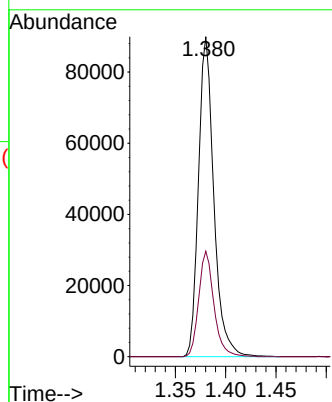
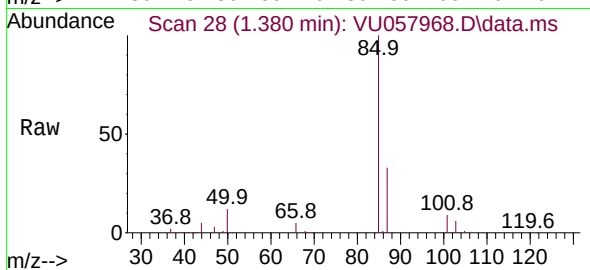
ClientSampleId :

Tgt Ion: 85 Resp: 95588

Ion Ratio Lower Upper

85 100

87 32.7 25.8 38.6



#3

Chloromethane

Concen: 8.767 ug/L

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU057968.D

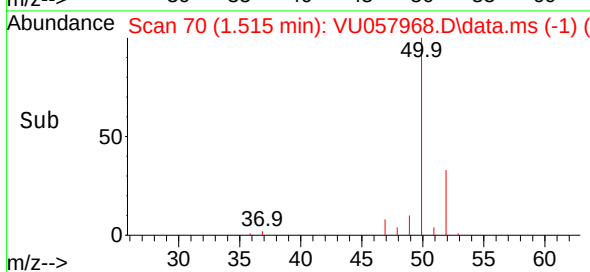
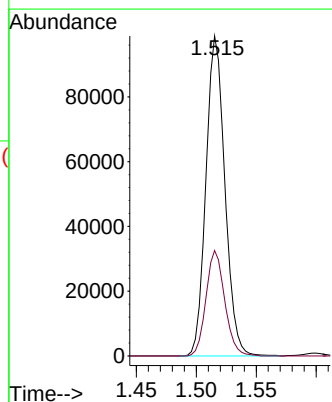
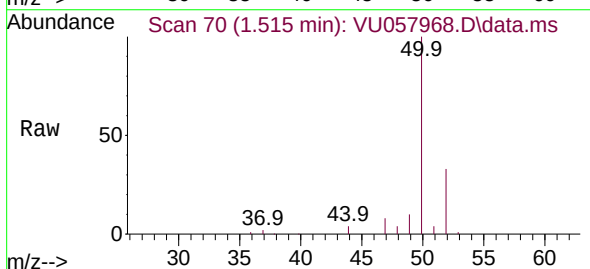
Acq: 29 Feb 2024 10:54

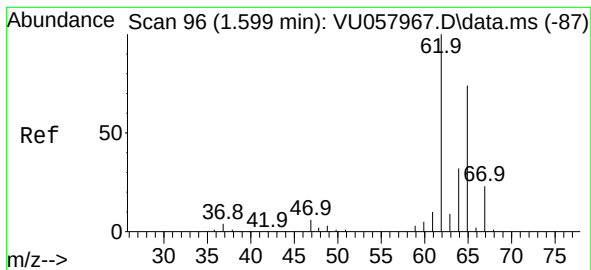
Tgt Ion: 50 Resp: 108803

Ion Ratio Lower Upper

50 100

52 33.0 23.1 42.9





#5

Vinyl chloride

Concen: 8.995 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU057968.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_U

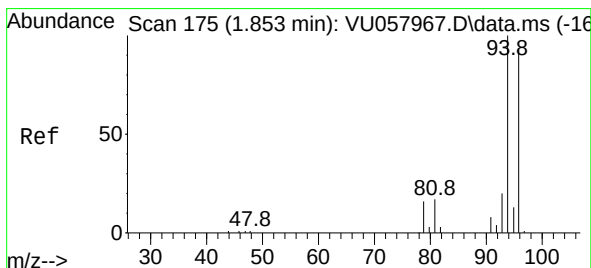
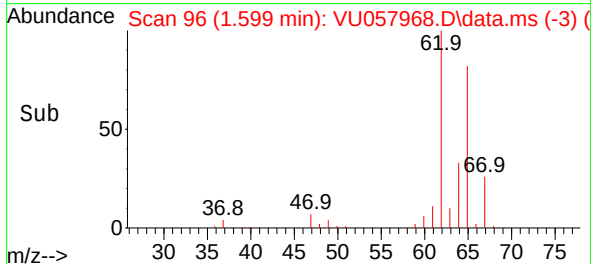
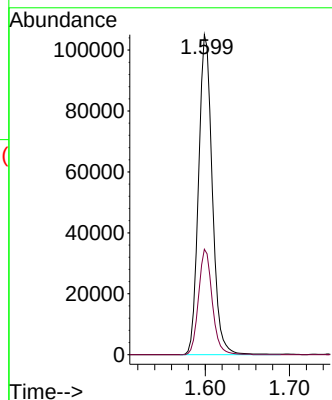
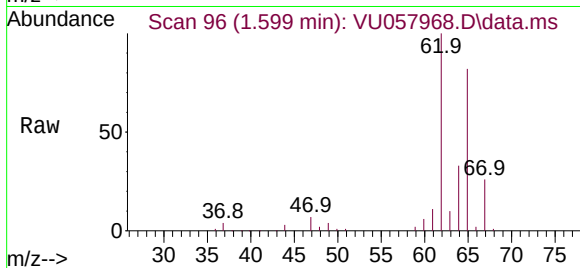
ClientSampleId :

Tgt Ion: 62 Resp: 119250

Ion Ratio Lower Upper

62 100

64 32.9 22.5 41.7



#6

Bromomethane

Concen: 9.169 ug/L

RT: 1.850 min Scan# 174

Delta R.T. -0.003 min

Lab File: VU057968.D

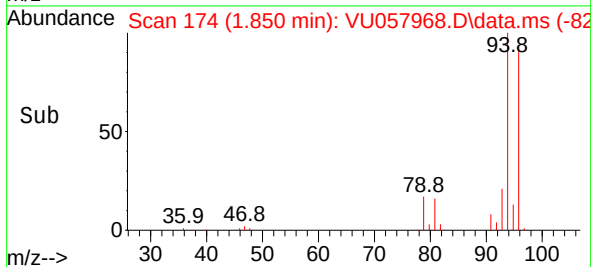
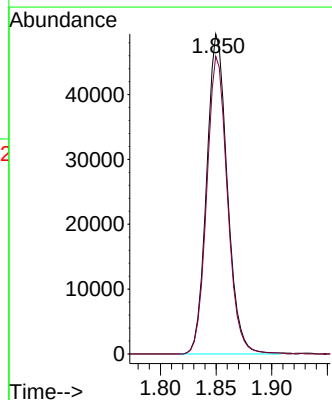
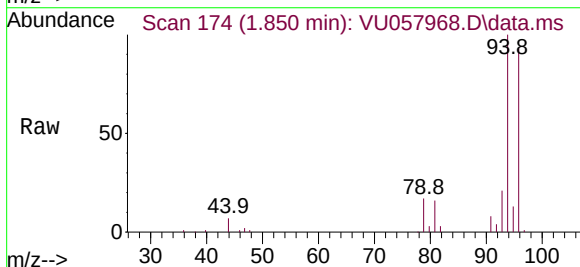
Acq: 29 Feb 2024 10:54

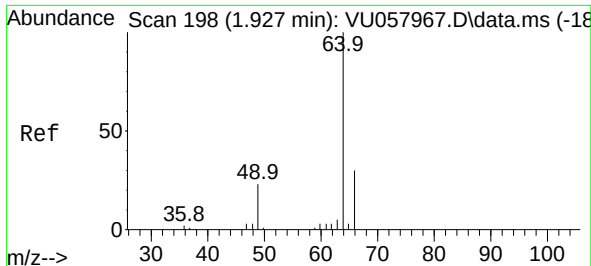
Tgt Ion: 94 Resp: 63777

Ion Ratio Lower Upper

94 100

96 93.0 65.2 121.2

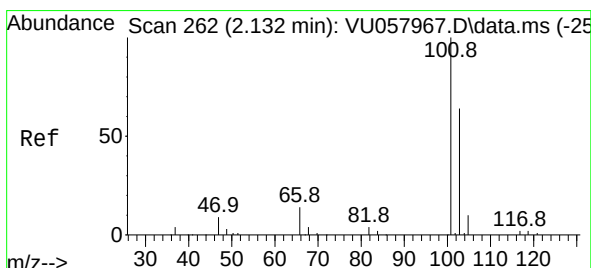
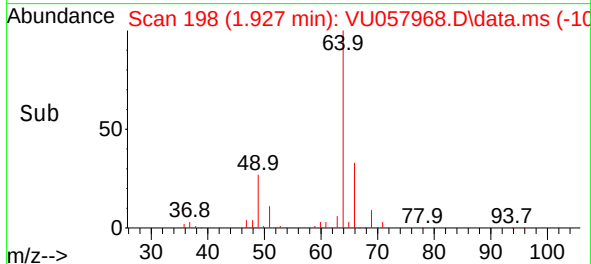
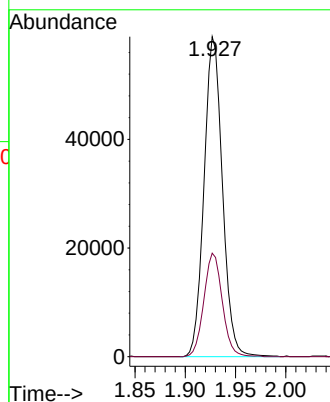
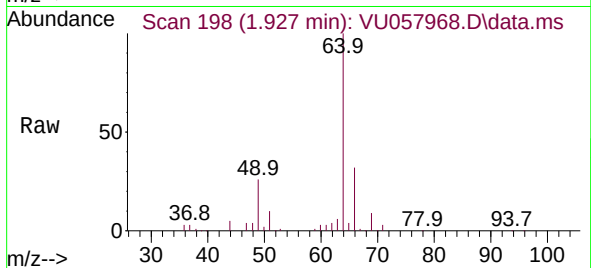




#8
Chloroethane
Concen: 9.288 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU057968.D
Acq: 29 Feb 2024 10:54

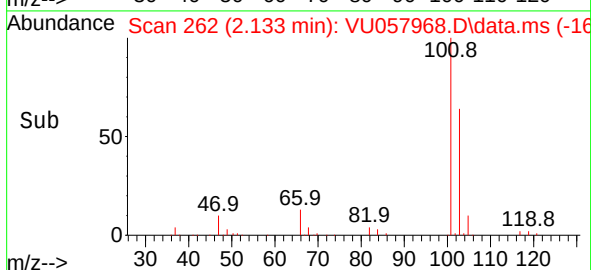
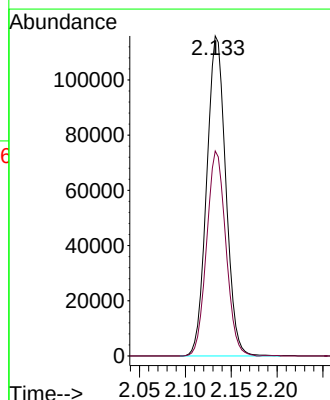
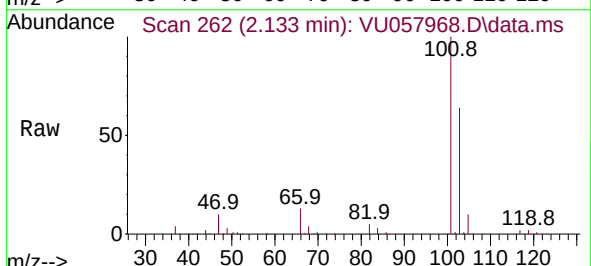
Instrument :
MSVOA_U
ClientSampleId :

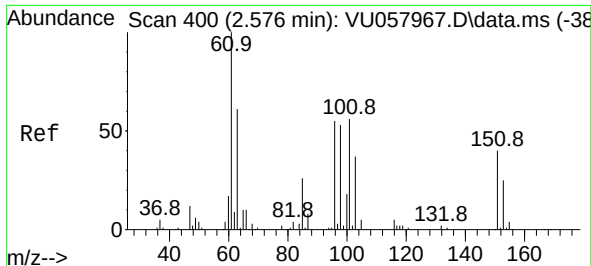
Tgt Ion: 64 Resp: 74978
Ion Ratio Lower Upper
64 100
66 32.4 20.9 38.9



#9
Trichlorofluoromethane
Concen: 8.608 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU057968.D
Acq: 29 Feb 2024 10:54

Tgt Ion:101 Resp: 167960
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2

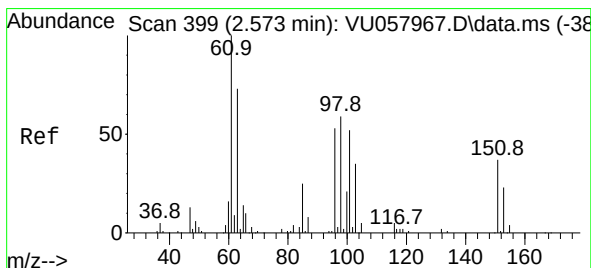
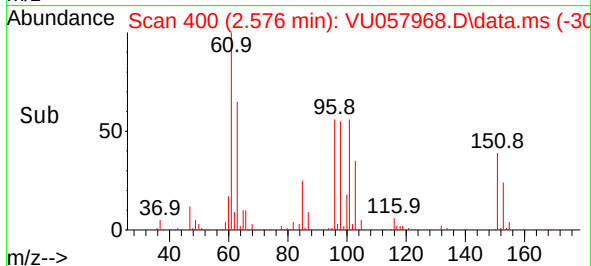
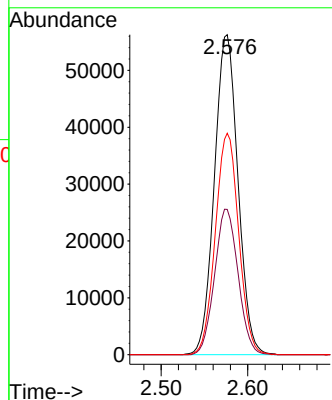
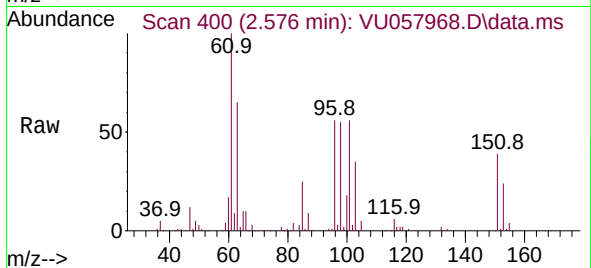




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.283 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU057968.D
 Acq: 29 Feb 2024 10:54

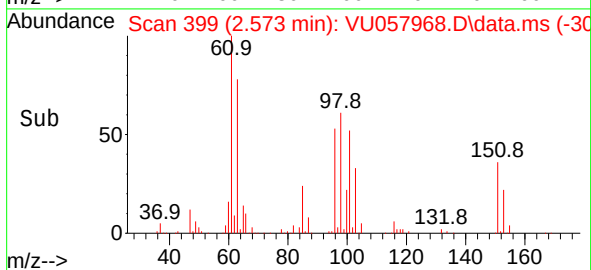
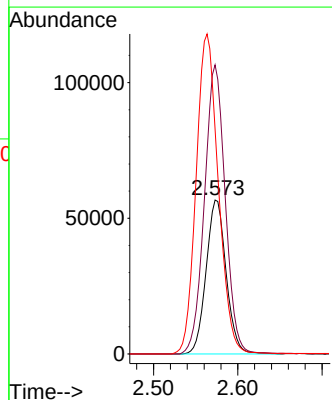
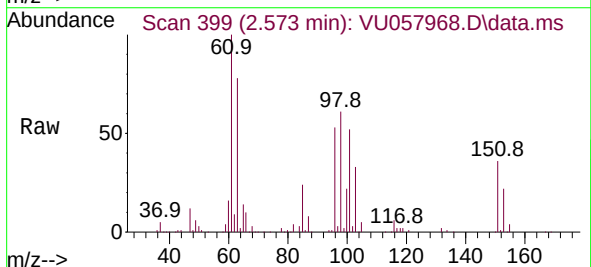
Instrument :
 MSVOA_U
 ClientSampleId :

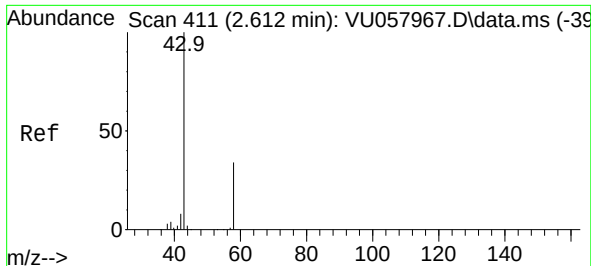
Tgt Ion:101 Resp: 106465
 Ion Ratio Lower Upper
 101 100
 85 45.3 37.3 55.9
 151 68.6 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 8.832 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU057968.D
 Acq: 29 Feb 2024 10:54

Tgt Ion: 96 Resp: 93841
 Ion Ratio Lower Upper
 96 100
 61 187.9 131.8 244.8
 63 146.1 98.1 182.1





#13

Acetone

Concen: 98.369 ug/L

RT: 2.615 min Scan# 411

Delta R.T. 0.003 min

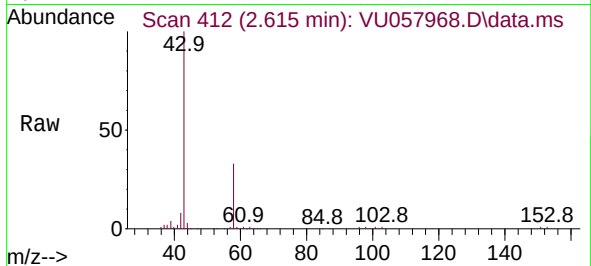
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Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_U

ClientSampleId :

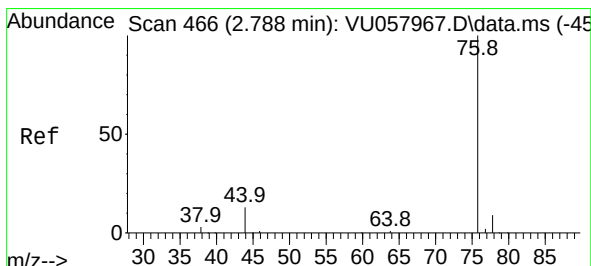
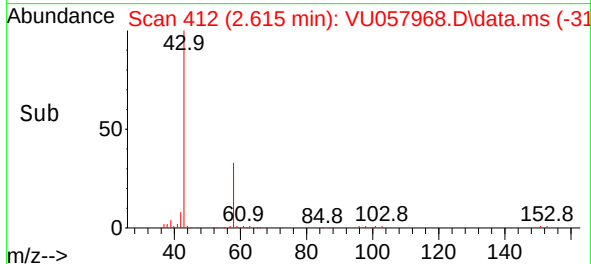
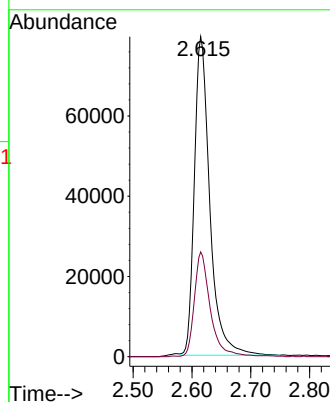


Tgt Ion: 43 Resp: 144940

Ion Ratio Lower Upper

43 100

58 33.2 0.0 63.6



#14

Carbon disulfide

Concen: 8.478 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU057968.D

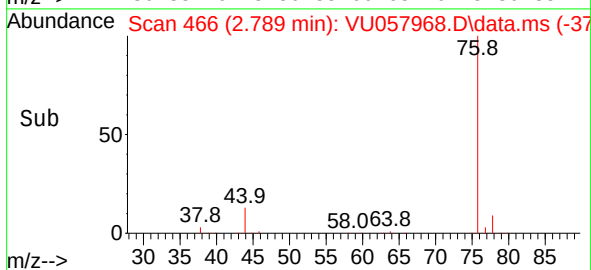
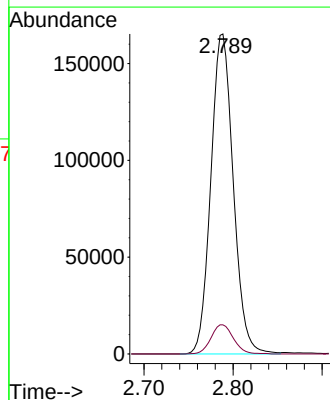
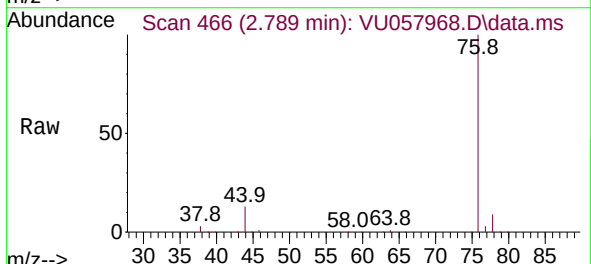
Acq: 29 Feb 2024 10:54

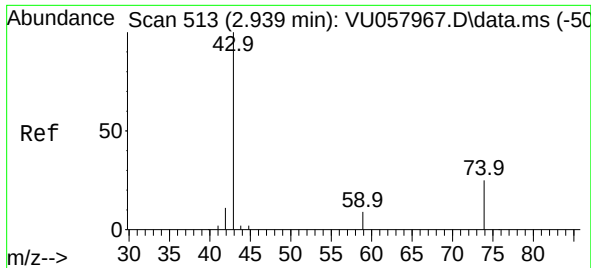
Tgt Ion: 76 Resp: 288834

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





#15

Methyl Acetate

Concen: 8.574 ug/L

RT: 2.940 min Scan# 513

Delta R.T. 0.000 min

Lab File: VU057968.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_U

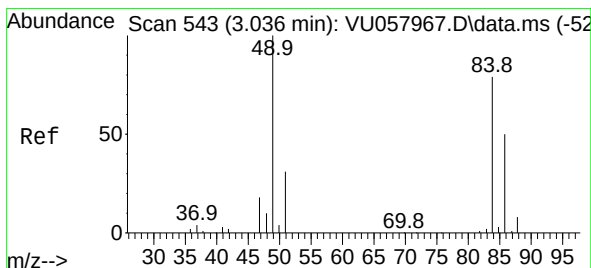
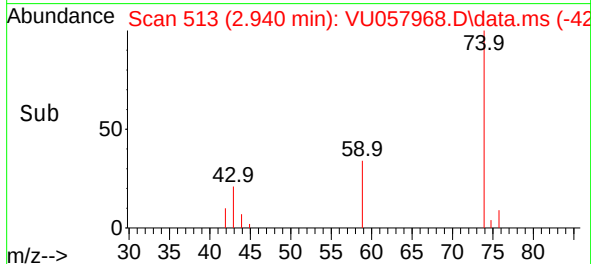
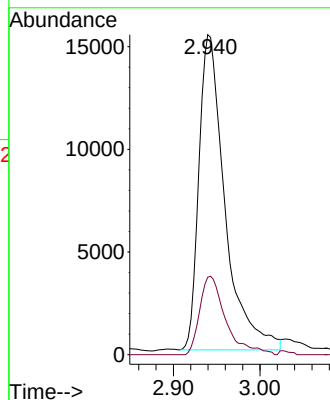
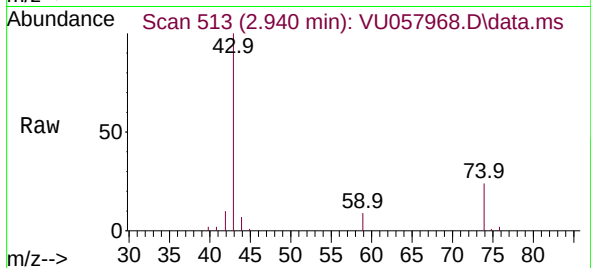
ClientSampleId :

Tgt Ion: 43 Resp: 32038

Ion Ratio Lower Upper

43 100

74 24.8 20.6 31.0



#16

Methylene chloride

Concen: 9.169 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU057968.D

Acq: 29 Feb 2024 10:54

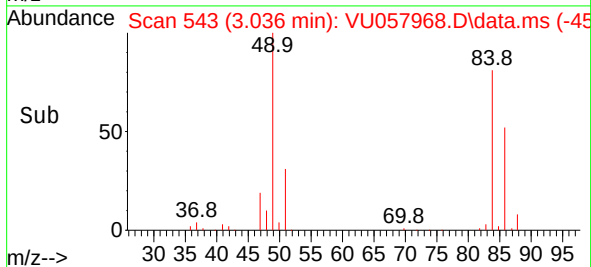
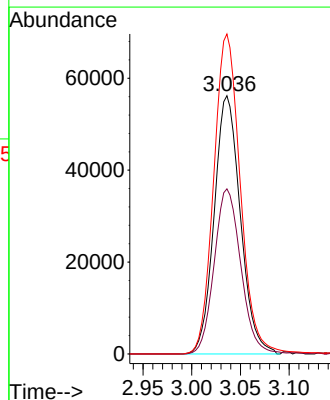
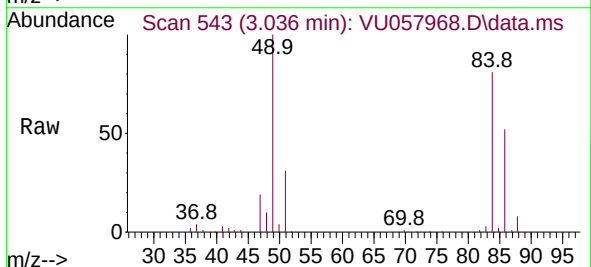
Tgt Ion: 84 Resp: 105109

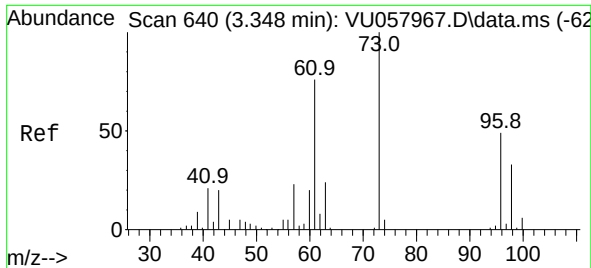
Ion Ratio Lower Upper

84 100

86 63.9 44.4 82.4

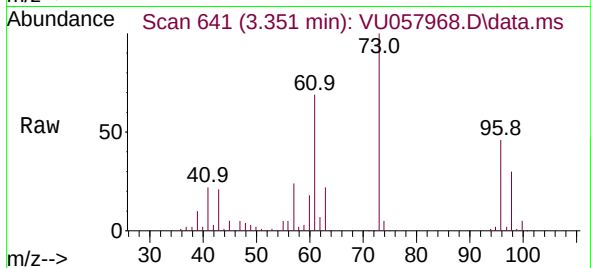
49 123.9 88.8 165.0



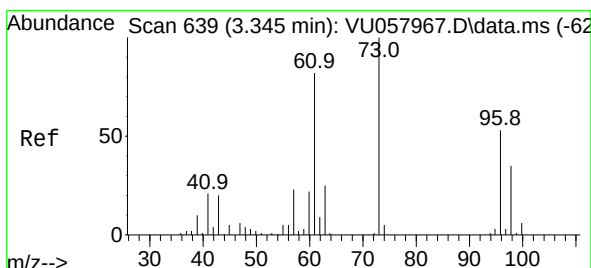
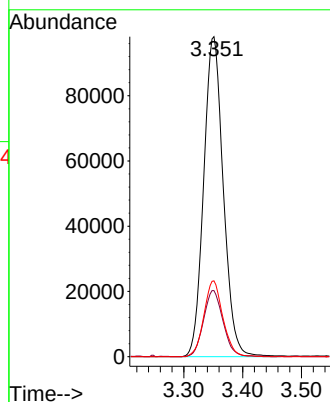
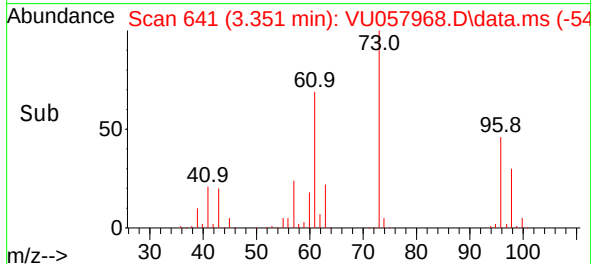


#17
Methyl tert-butyl Ether
Concen: 9.057 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU057968.D
Acq: 29 Feb 2024 10:54

Instrument :
MSVOA_U
ClientSampleId :

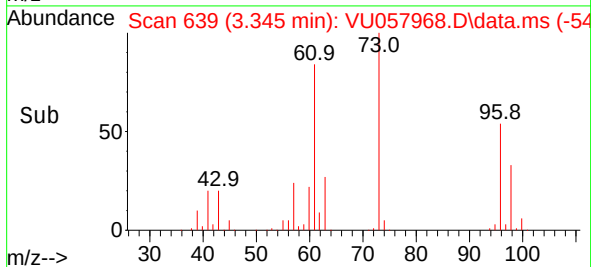
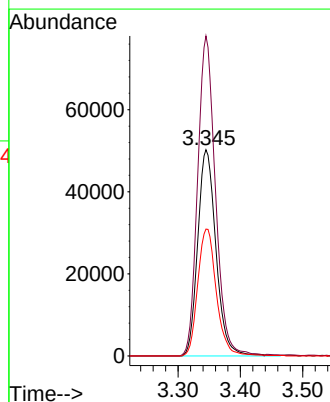
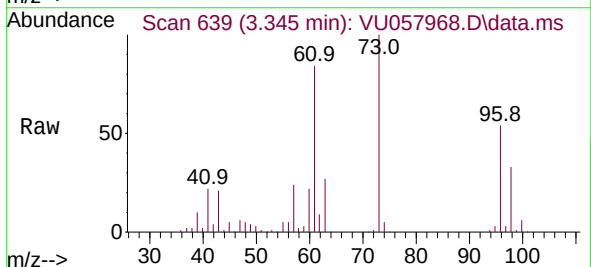


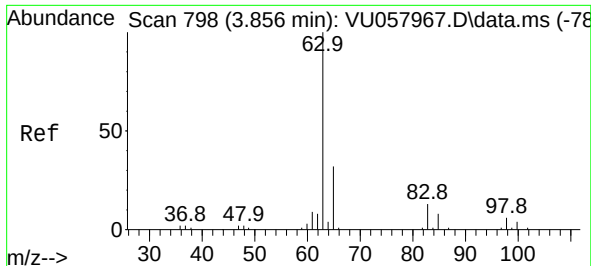
Tgt Ion: 73 Resp: 227007
Ion Ratio Lower Upper
73 100
43 20.5 16.2 24.4
57 22.9 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 9.152 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU057968.D
Acq: 29 Feb 2024 10:54

Tgt Ion: 96 Resp: 102329
Ion Ratio Lower Upper
96 100
61 155.2 107.7 199.9
98 61.6 45.8 85.0





#19

1,1-Dichloroethane

Concen: 9.971 ug/L

RT: 3.859 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU057968.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_U

ClientSampleId :

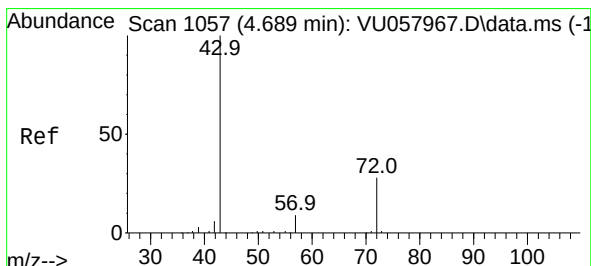
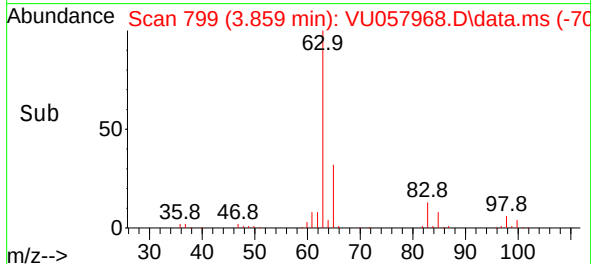
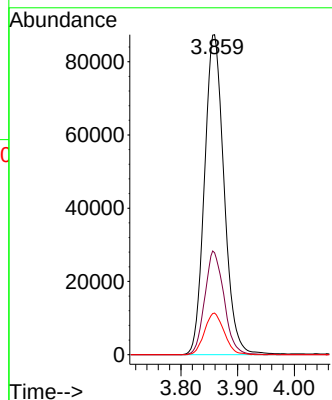
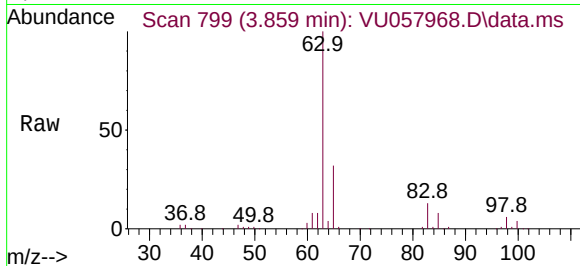
Tgt Ion: 63 Resp: 209769

Ion Ratio Lower Upper

63 100

65 31.8 22.1 41.1

83 13.0 9.0 16.6



#21

2-Butanone

Concen: 99.807 ug/L

RT: 4.686 min Scan# 1056

Delta R.T. -0.003 min

Lab File: VU057968.D

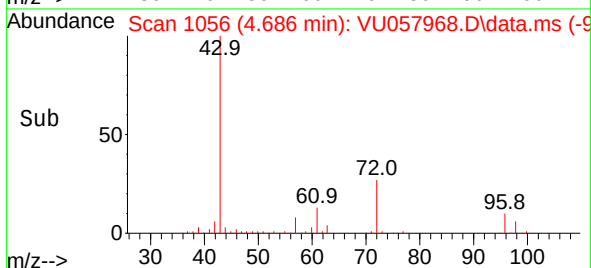
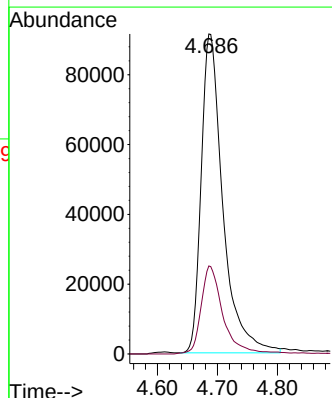
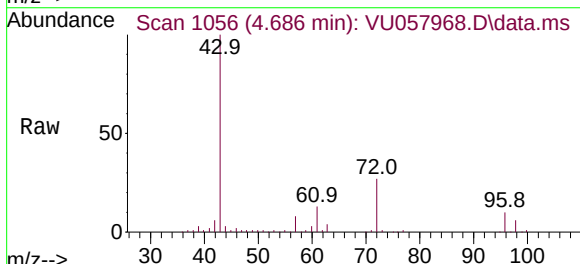
Acq: 29 Feb 2024 10:54

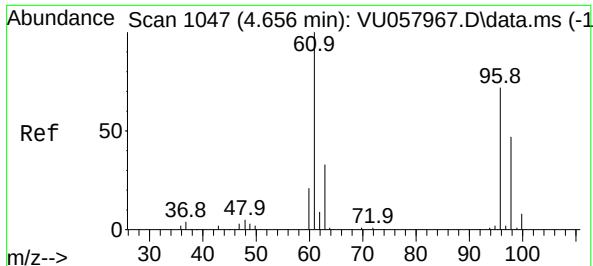
Tgt Ion: 43 Resp: 230131

Ion Ratio Lower Upper

43 100

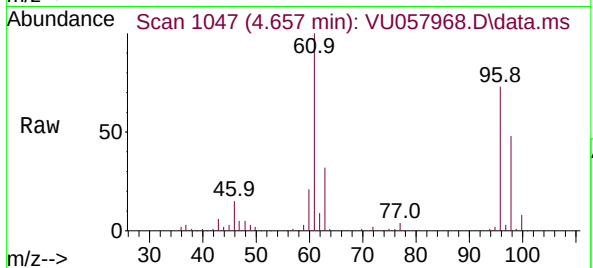
72 27.8 13.0 39.0



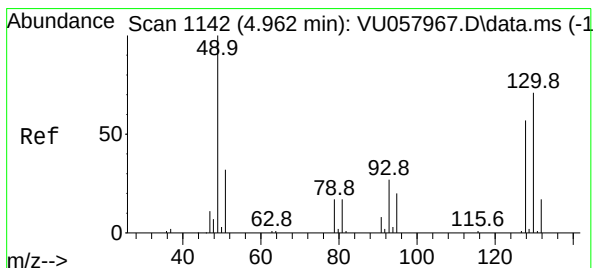
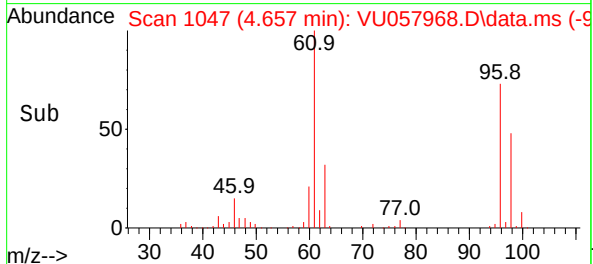
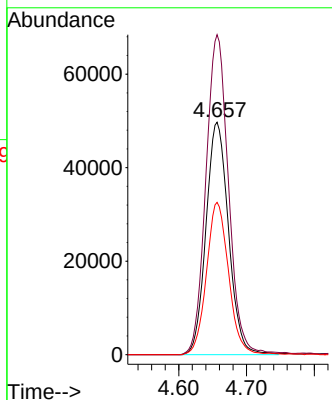


#22
cis-1,2-Dichloroethene
Concen: 9.497 ug/L
RT: 4.657 min Scan# 114891
Delta R.T. 0.000 min
Lab File: VU057968.D
Acq: 29 Feb 2024 10:54

Instrument :
MSVOA_U
ClientSampleId :

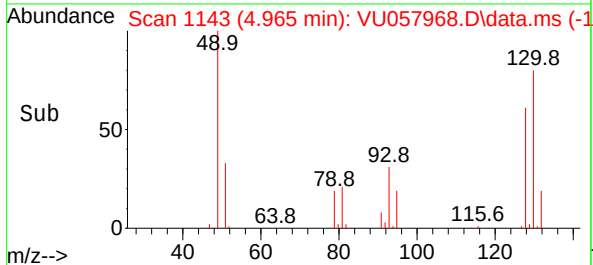
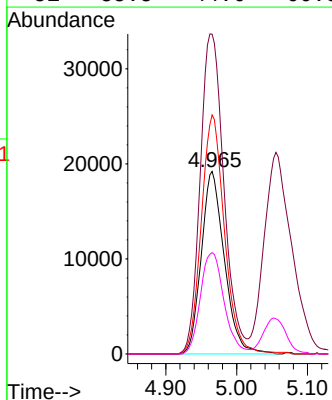
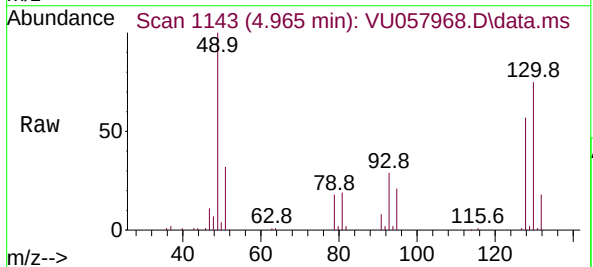


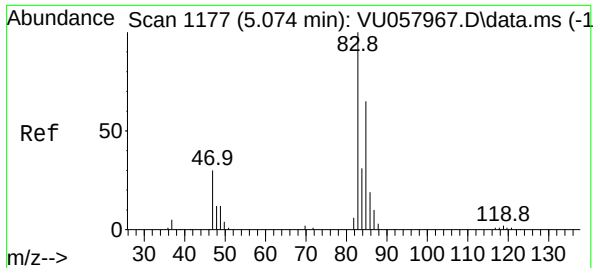
Tgt Ion: 96 Resp: 114891
Ion Ratio Lower Upper
96 100
61 137.6 97.2 180.4
98 65.5 45.5 84.5



#23
Bromochloromethane
Concen: 9.054 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. 0.003 min
Lab File: VU057968.D
Acq: 29 Feb 2024 10:54

Tgt Ion:128 Resp: 43343
Ion Ratio Lower Upper
128 100
49 181.7 122.0 226.6
130 131.0 86.6 160.8
51 55.5 44.6 66.8





#25

Chloroform

Concen: 9.418 ug/L

RT: 5.078 min Scan# 1177

Delta R.T. 0.003 min

Lab File: VU057968.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_U

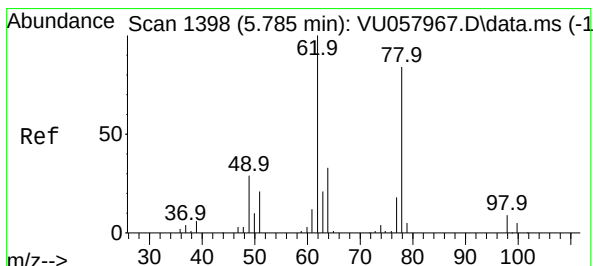
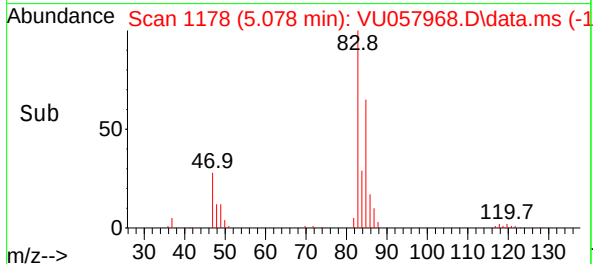
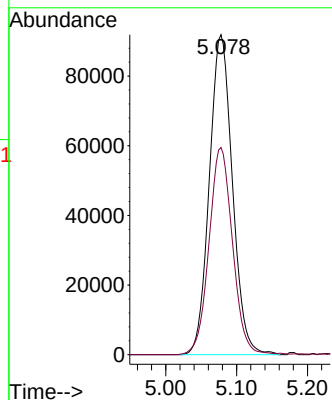
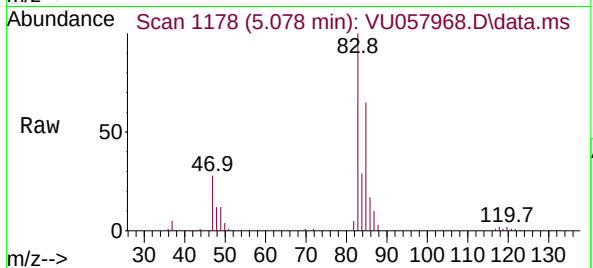
ClientSampleId :

Tgt Ion: 83 Resp: 207768

Ion Ratio Lower Upper

83 100

85 64.8 45.4 84.4



#27

1,2-Dichloroethane

Concen: 9.416 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU057968.D

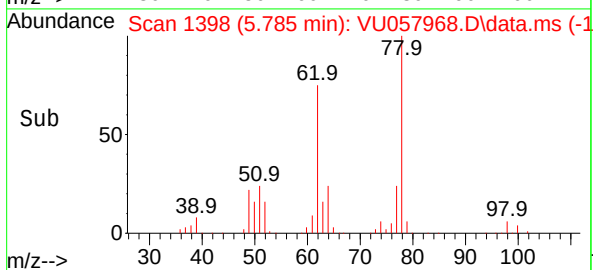
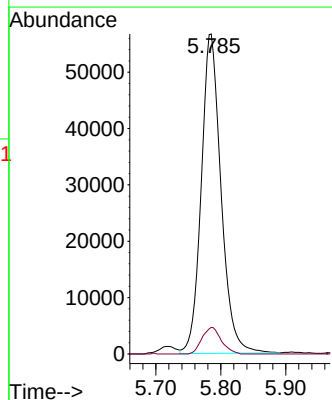
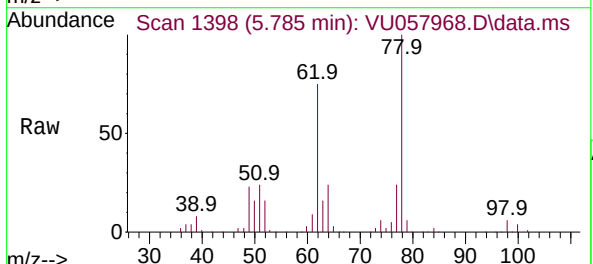
Acq: 29 Feb 2024 10:54

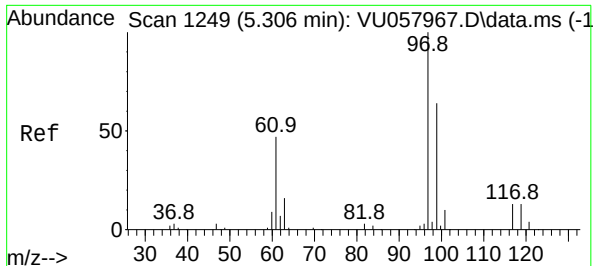
Tgt Ion: 62 Resp: 120173

Ion Ratio Lower Upper

62 100

98 8.3 7.0 10.4

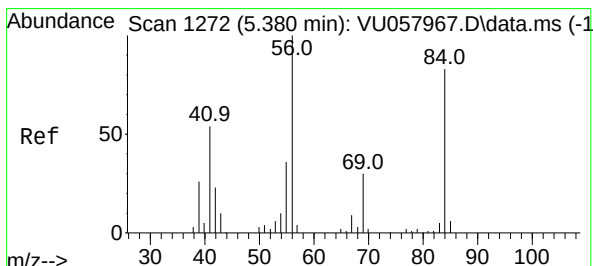
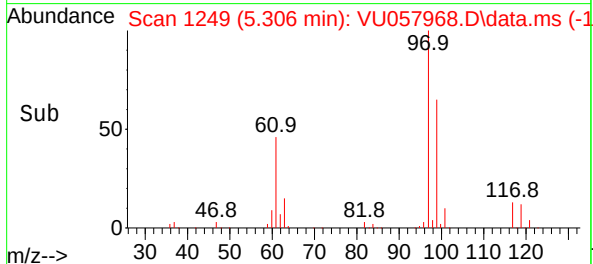
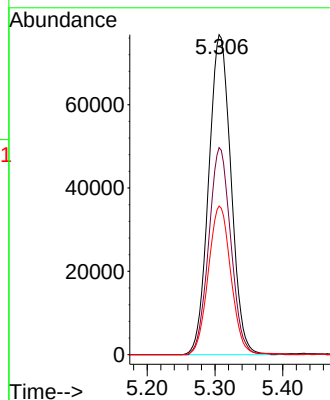
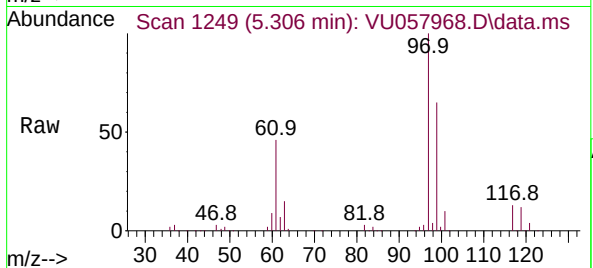




#29
1,1,1-Trichloroethane
Concen: 8.810 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU057968.D
Acq: 29 Feb 2024 10:54

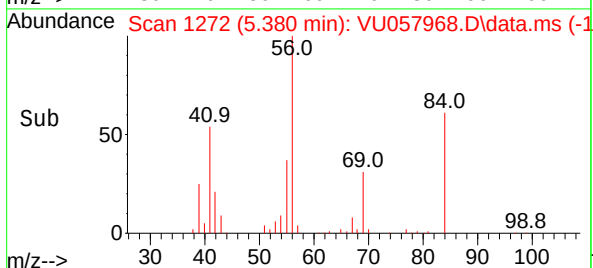
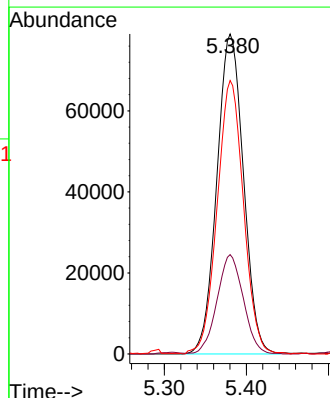
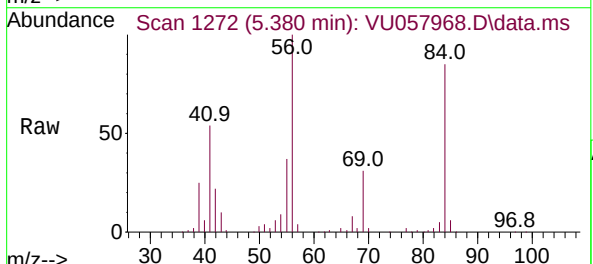
Instrument :
MSVOA_U
ClientSampleId :

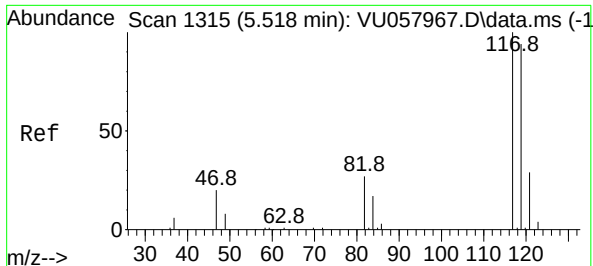
Tgt Ion: 97 Resp: 175589
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 46.9 37.4 56.2



#30
Cyclohexane
Concen: 9.174 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU057968.D
Acq: 29 Feb 2024 10:54

Tgt Ion: 56 Resp: 178084
Ion Ratio Lower Upper
56 100
69 30.6 24.2 36.2
84 84.5 66.6 99.8

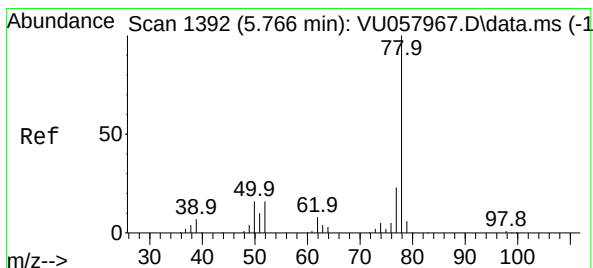
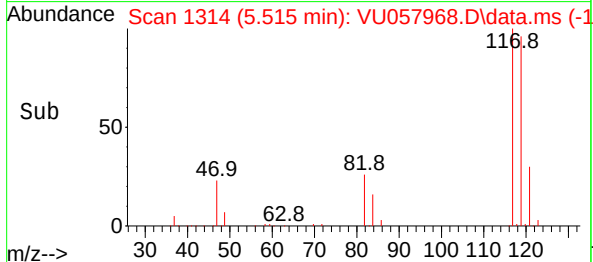
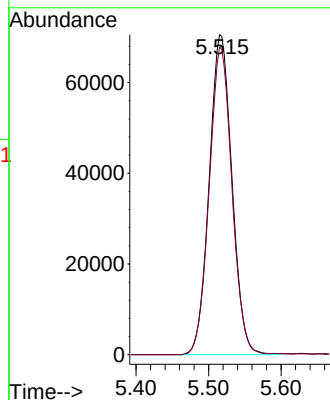
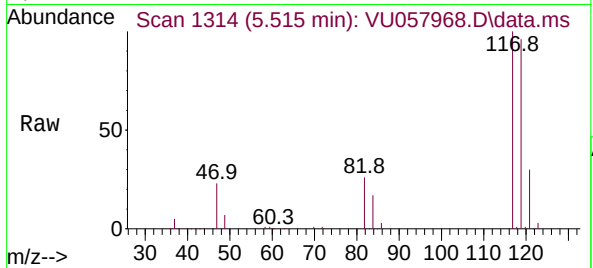




#31
Carbon tetrachloride
Concen: 8.814 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU057968.D
Acq: 29 Feb 2024 10:54

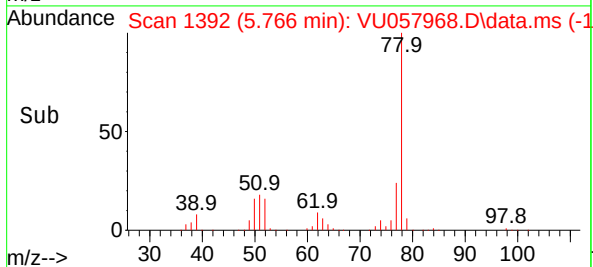
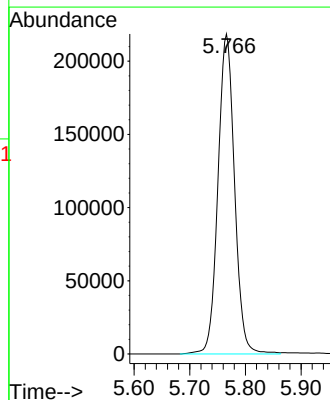
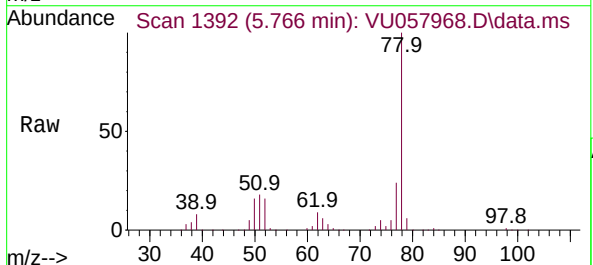
Instrument :
MSVOA_U
ClientSampleId :

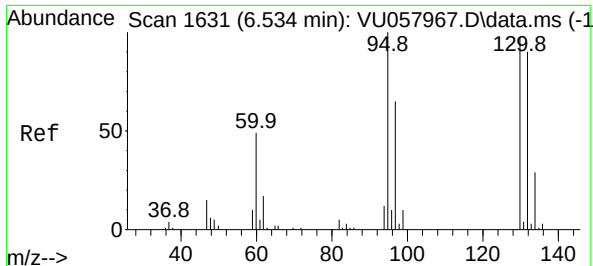
Tgt Ion:117 Resp: 153826
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.8



#33
Benzene
Concen: 9.576 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU057968.D
Acq: 29 Feb 2024 10:54

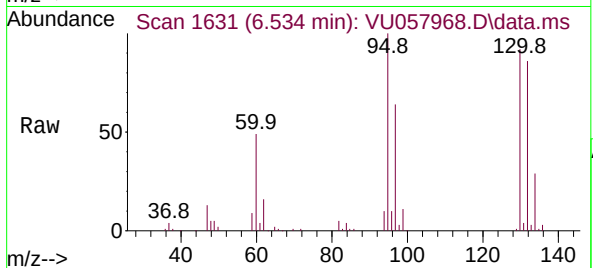
Tgt Ion: 78 Resp: 452265



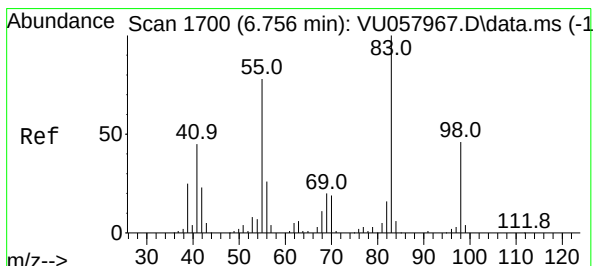
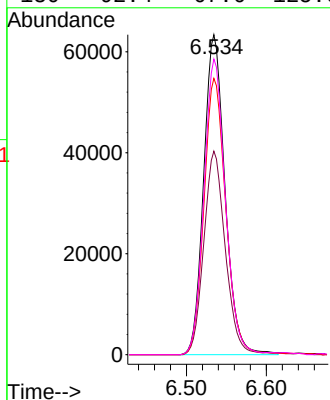
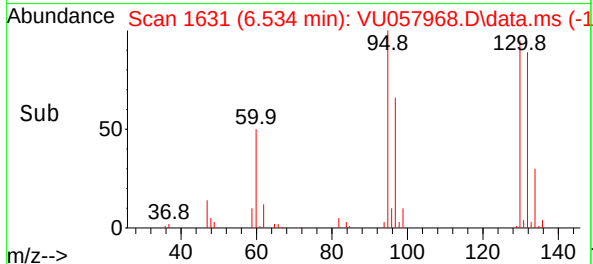


#34
Trichloroethene
Concen: 9.118 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU057968.D
Acq: 29 Feb 2024 10:54

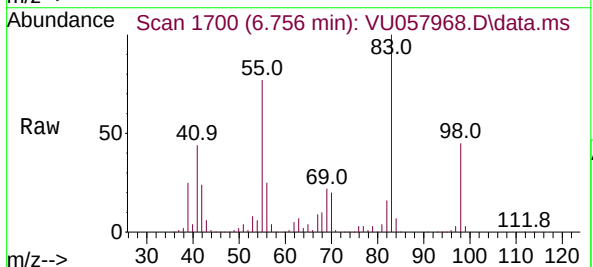
Instrument :
MSVOA_U
ClientSampleId :



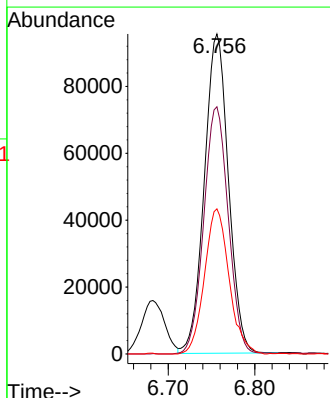
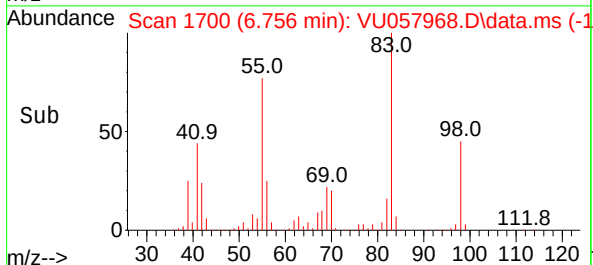
Tgt Ion: 95 Resp: 117729
Ion Ratio Lower Upper
95 100
97 63.6 45.3 84.1
132 86.3 63.1 117.1
130 92.4 67.6 125.6

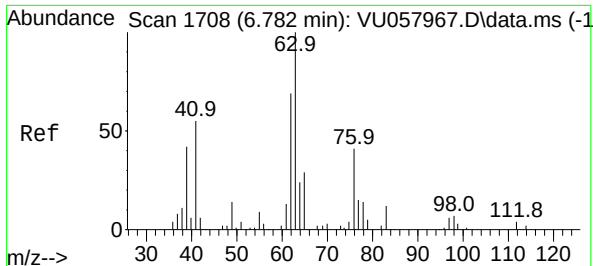


#35
Methylcyclohexane
Concen: 8.891 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VU057968.D
Acq: 29 Feb 2024 10:54



Tgt Ion: 83 Resp: 184877
Ion Ratio Lower Upper
83 100
55 78.9 63.0 94.6
98 46.3 36.2 54.4

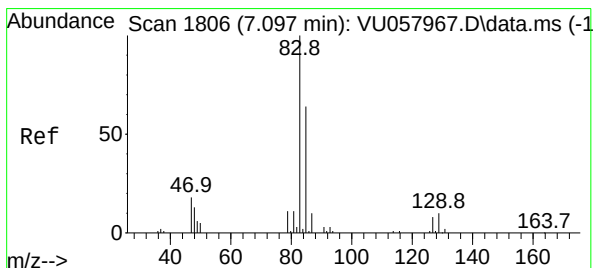
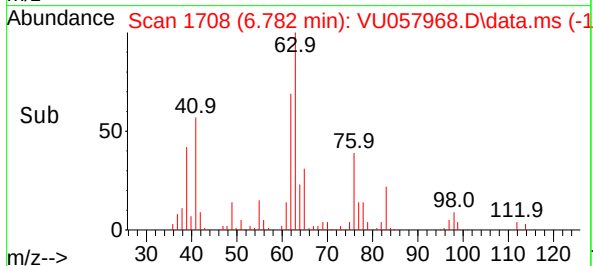
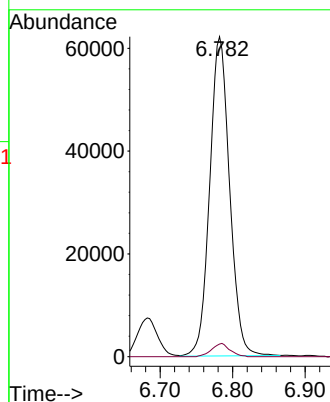
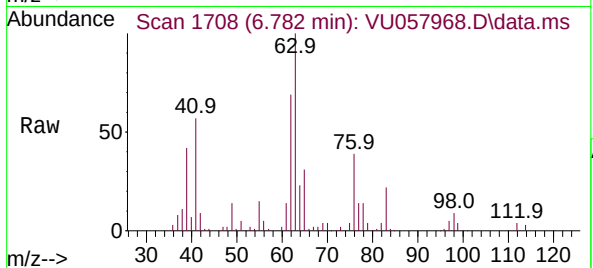




#37
1,2-Dichloropropane
Concen: 9.958 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU057968.D
Acq: 29 Feb 2024 10:54

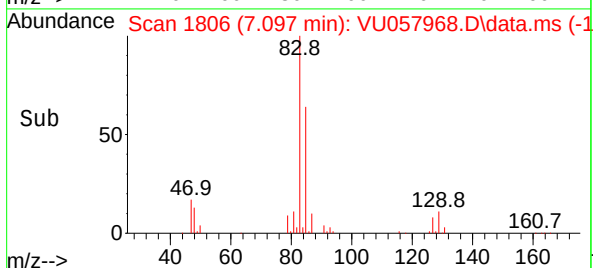
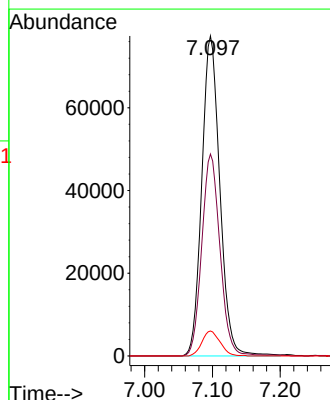
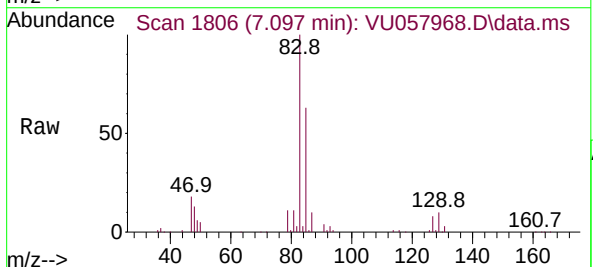
Instrument :
MSVOA_U
ClientSampleId :

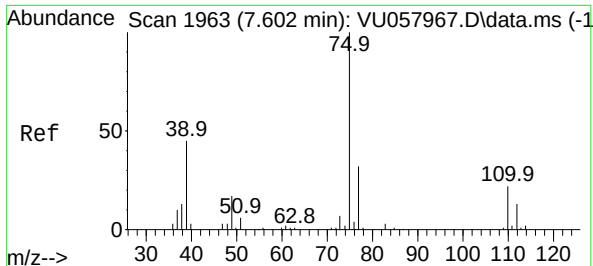
Tgt Ion: 63 Resp: 118408
Ion Ratio Lower Upper
63 100
112 3.8 3.0 4.4



#38
Bromodichloromethane
Concen: 9.120 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU057968.D
Acq: 29 Feb 2024 10:54

Tgt Ion: 83 Resp: 143152
Ion Ratio Lower Upper
83 100
85 63.1 44.5 82.7
127 7.8 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 9.355 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. -0.003 min

Lab File: VU057968.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_U

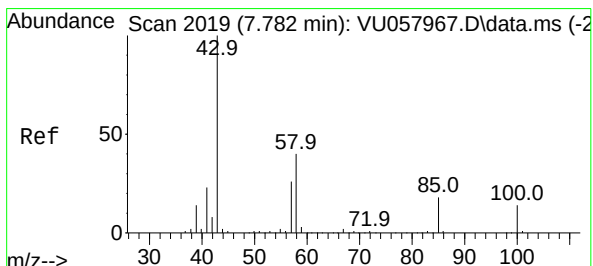
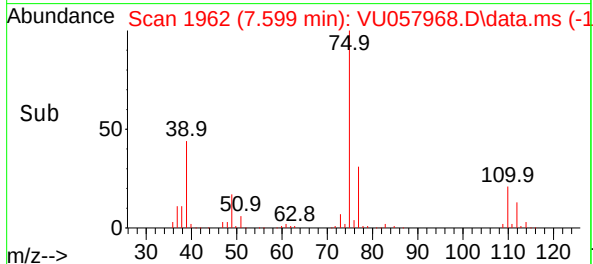
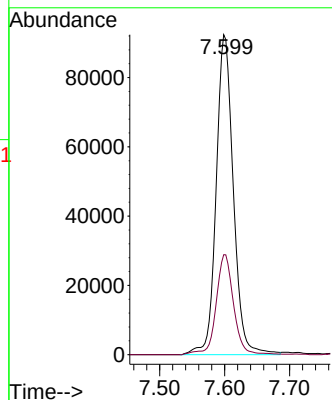
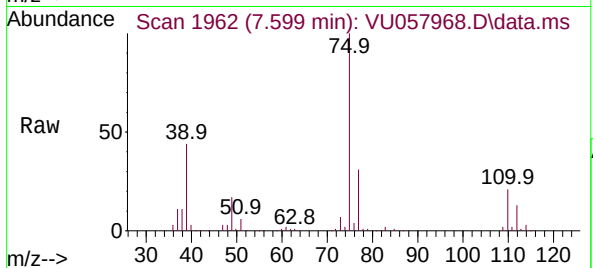
ClientSampleId :

Tgt Ion: 75 Resp: 169318

Ion Ratio Lower Upper

75 100

77 31.3 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 101.159 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VU057968.D

Acq: 29 Feb 2024 10:54

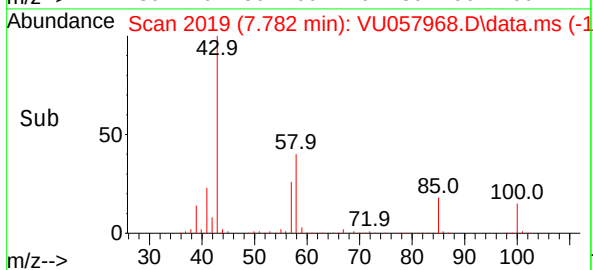
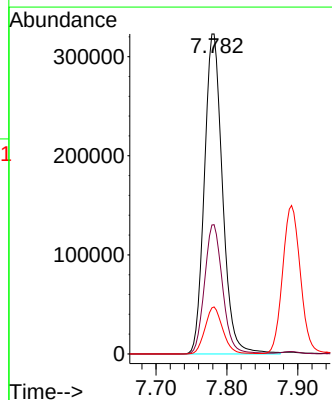
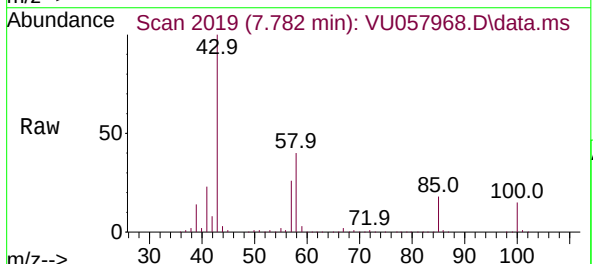
Tgt Ion: 43 Resp: 573895

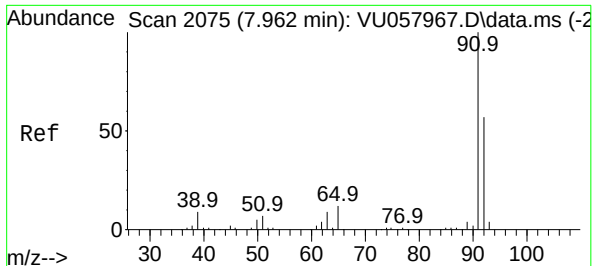
Ion Ratio Lower Upper

43 100

58 40.3 31.7 47.5

100 14.4 11.3 16.9





#42

Toluene

Concen: 9.523 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU057968.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_U

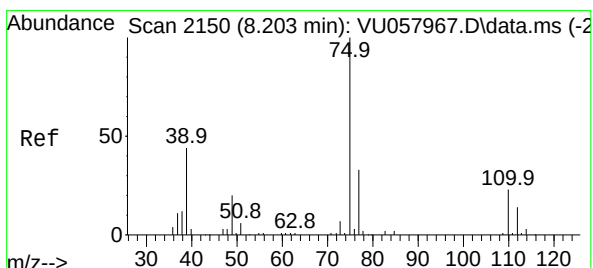
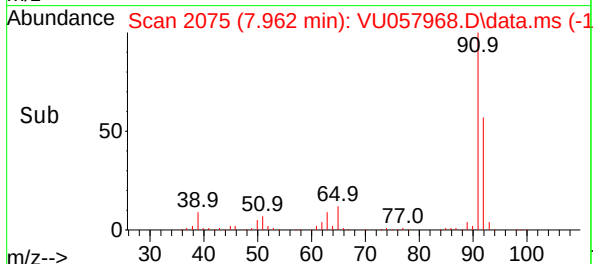
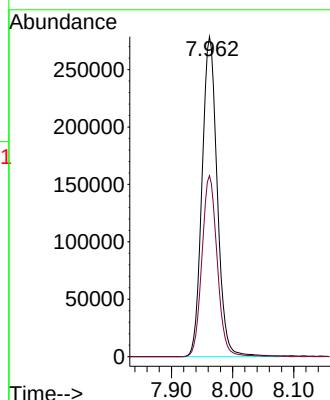
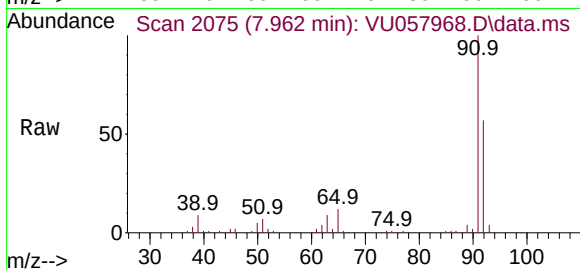
ClientSampleId :

Tgt Ion: 91 Resp: 481891

Ion Ratio Lower Upper

91 100

92 56.6 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 9.343 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU057968.D

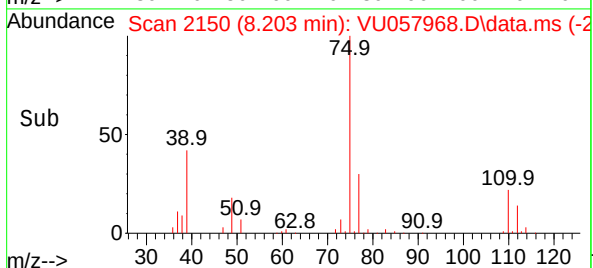
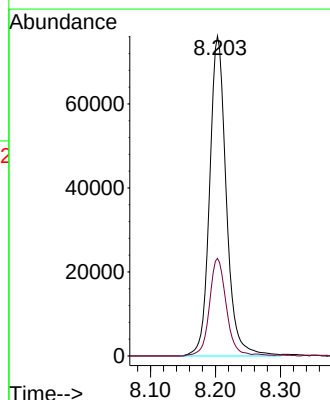
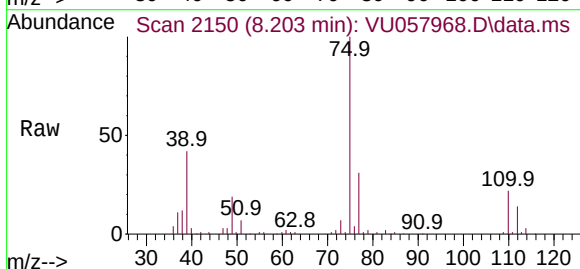
Acq: 29 Feb 2024 10:54

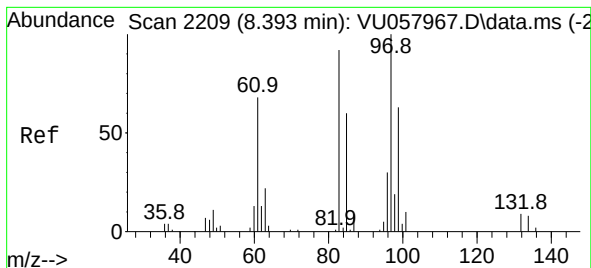
Tgt Ion: 75 Resp: 136440

Ion Ratio Lower Upper

75 100

77 30.5 23.1 42.9





#45

1,1,2-Trichloroethane

Concen: 9.205 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VU057968.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 69857

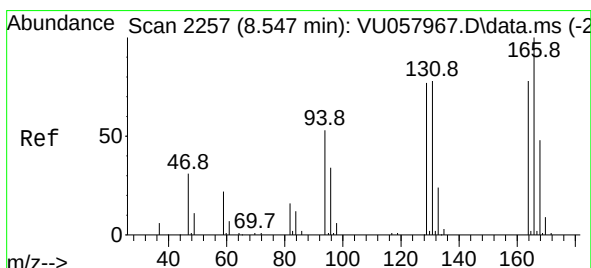
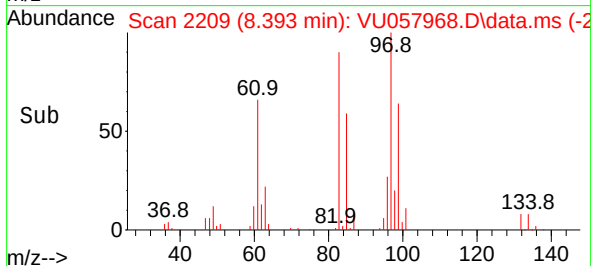
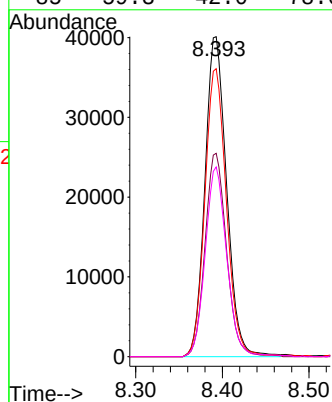
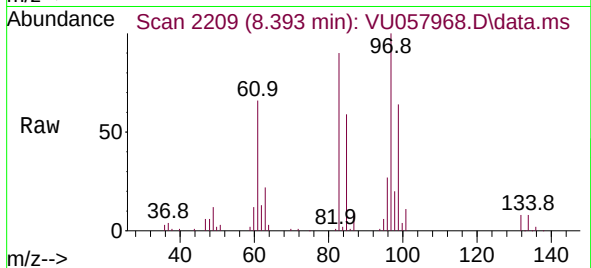
Ion Ratio Lower Upper

97 100

99 63.6 44.2 82.2

83 90.0 64.2 119.2

85 59.3 42.0 78.0



#47

Tetrachloroethene

Concen: 8.806 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU057968.D

Acq: 29 Feb 2024 10:54

Tgt Ion:164 Resp: 82426

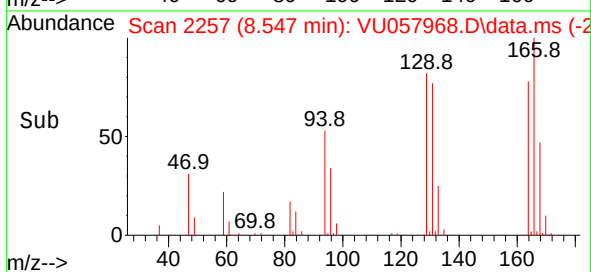
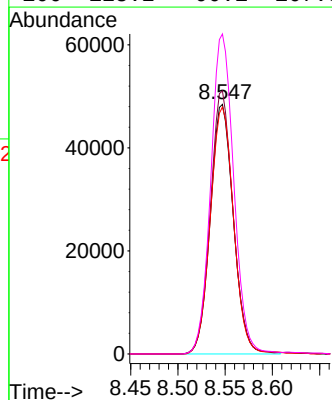
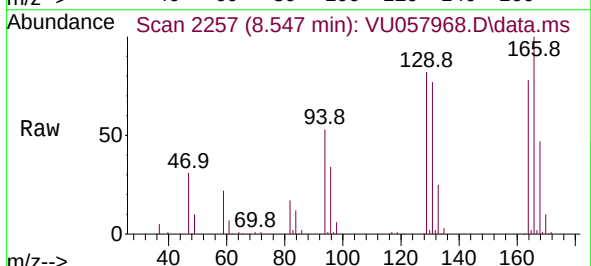
Ion Ratio Lower Upper

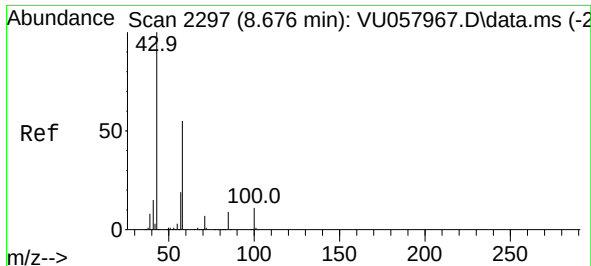
164 100

129 105.4 69.3 128.7

131 99.0 69.9 129.9

166 128.2 90.1 167.3





#48

2-Hexanone

Concen: 104.825 ug/L

RT: 8.676 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VU057968.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 420348

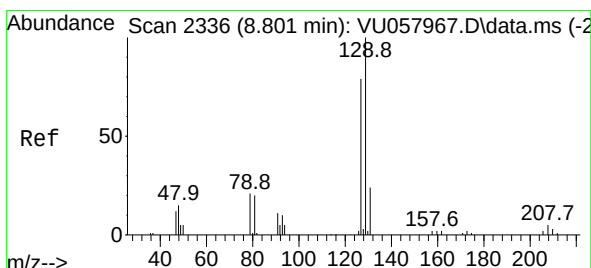
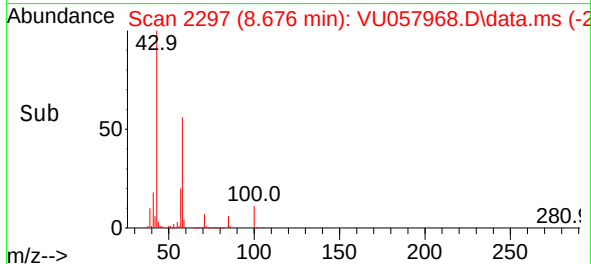
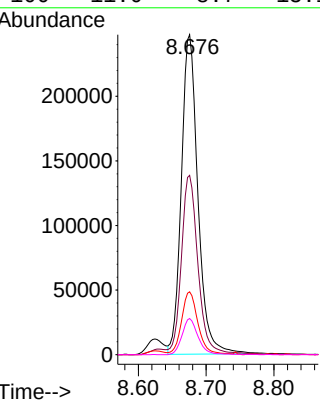
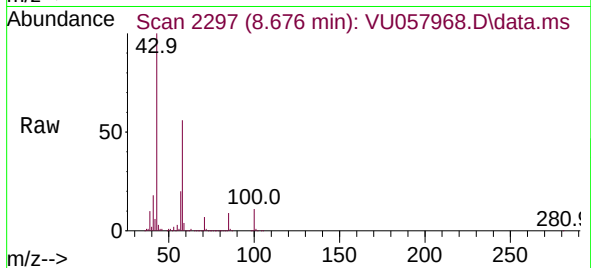
Ion Ratio Lower Upper

43 100

58 56.8 43.3 64.9

57 18.9 15.2 22.8

100 11.0 8.7 13.1



#49

Dibromochloromethane

Concen: 8.686 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VU057968.D

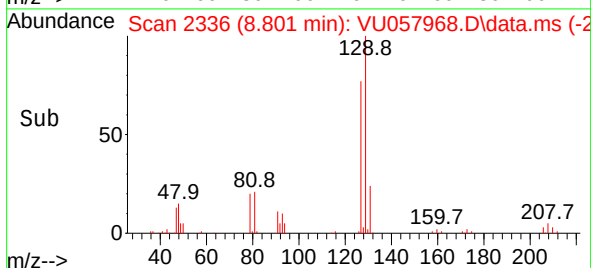
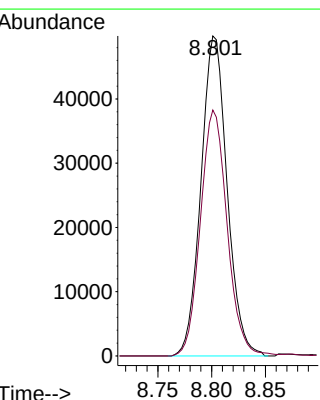
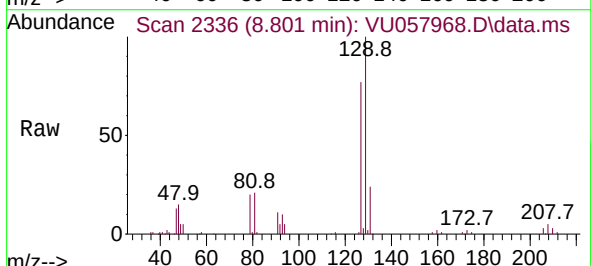
Acq: 29 Feb 2024 10:54

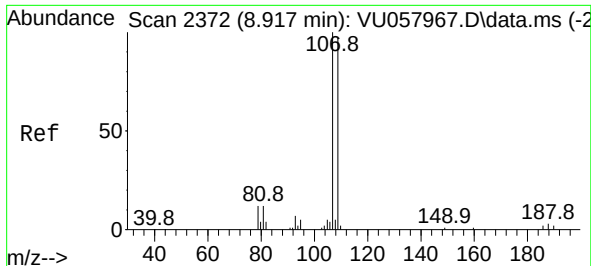
Tgt Ion: 129 Resp: 84343

Ion Ratio Lower Upper

129 100

127 76.8 55.2 102.6





#50

1,2-Dibromoethane

Concen: 8.964 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. 0.000 min

Lab File: VU057968.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_U

ClientSampleId :

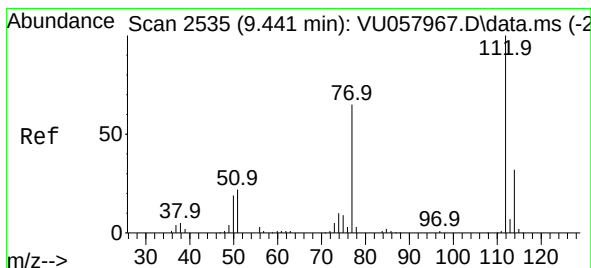
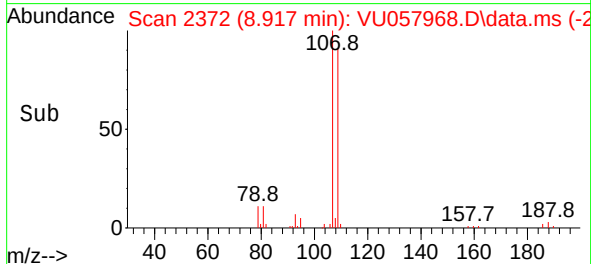
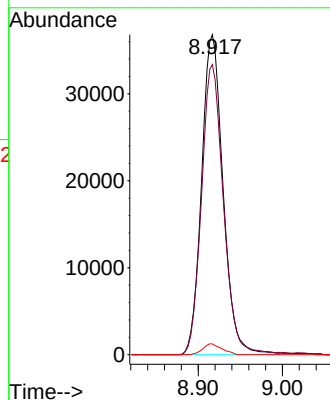
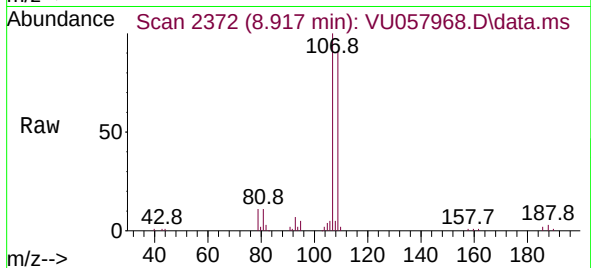
Tgt Ion:107 Resp: 65270

Ion Ratio Lower Upper

107 100

109 90.7 67.8 125.8

188 3.3 2.4 3.6



#51

Chlorobenzene

Concen: 9.334 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU057968.D

Acq: 29 Feb 2024 10:54

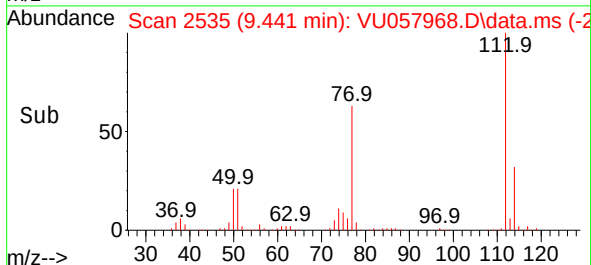
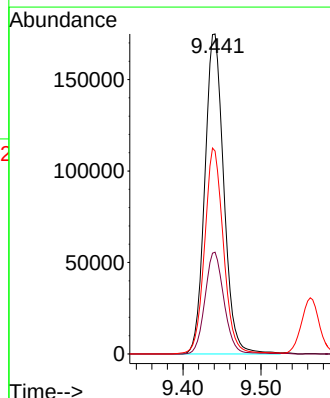
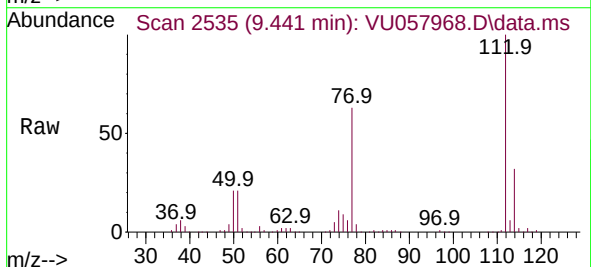
Tgt Ion:112 Resp: 295303

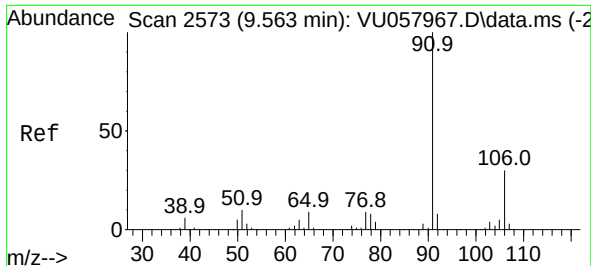
Ion Ratio Lower Upper

112 100

114 31.8 22.7 42.1

77 63.4 52.3 78.5

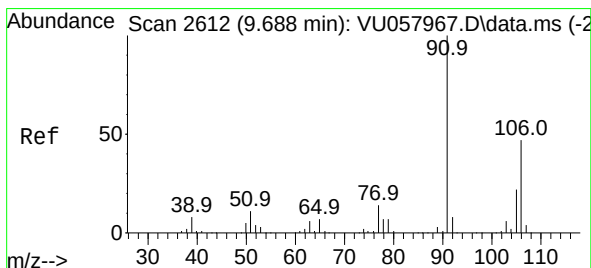
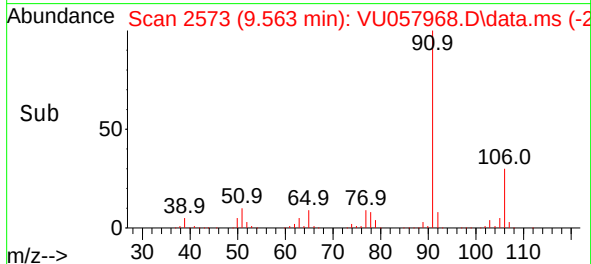
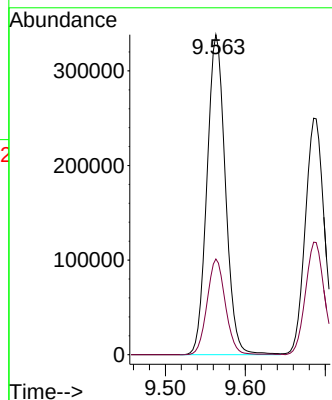
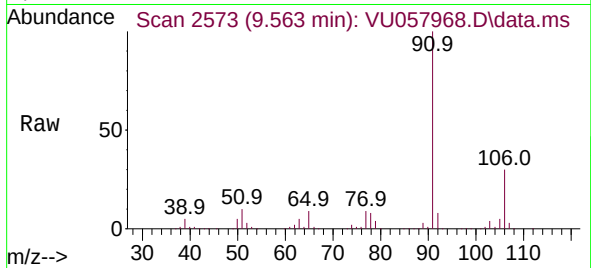




#52
Ethylbenzene
Concen: 9.545 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU057968.D
Acq: 29 Feb 2024 10:54

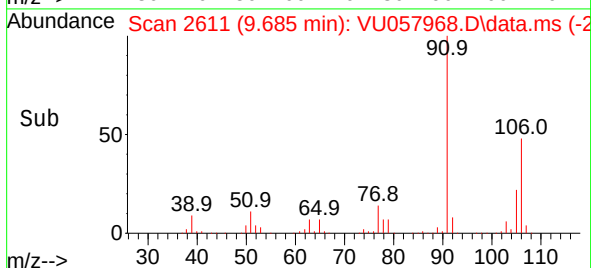
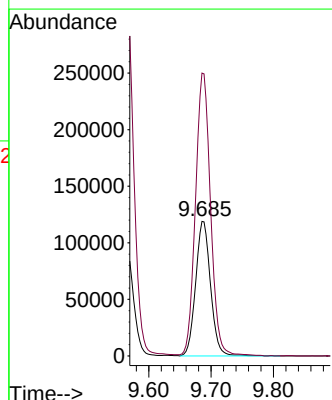
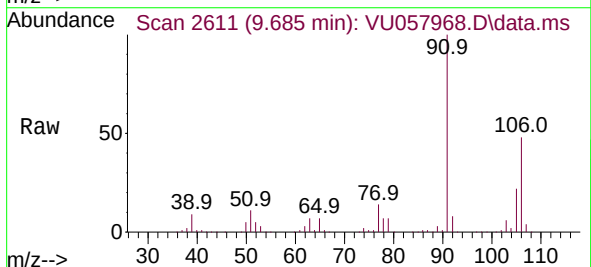
Instrument :
MSVOA_U
ClientSampleId :

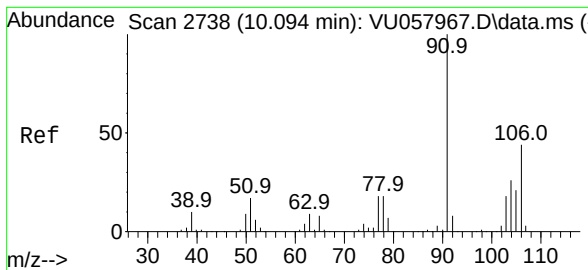
Tgt Ion: 91 Resp: 541957
Ion Ratio Lower Upper
91 100
106 29.9 20.9 38.7



#53
m,p-Xylene
Concen: 9.420 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU057968.D
Acq: 29 Feb 2024 10:54

Tgt Ion: 106 Resp: 197751
Ion Ratio Lower Upper
106 100
91 210.2 148.8 276.4

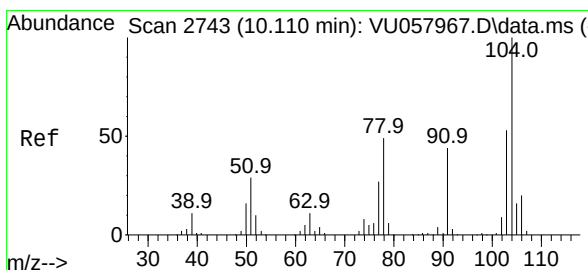
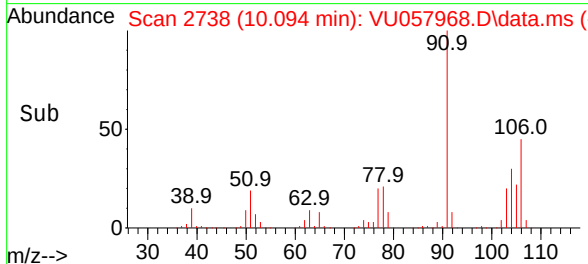
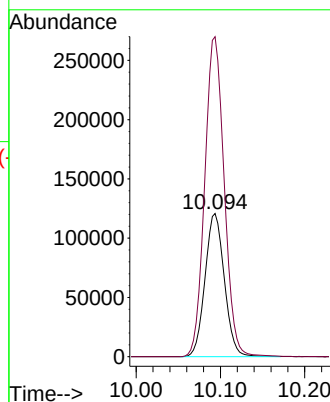
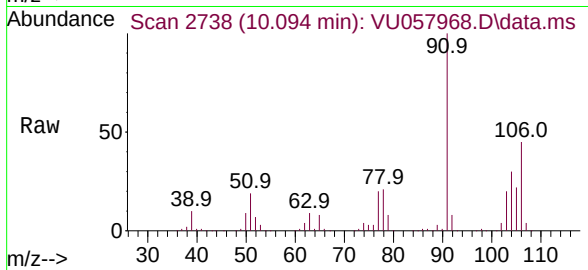




#54
o-Xylene
Concen: 9.462 ug/L
RT: 10.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057968.D
Acq: 29 Feb 2024 10:54

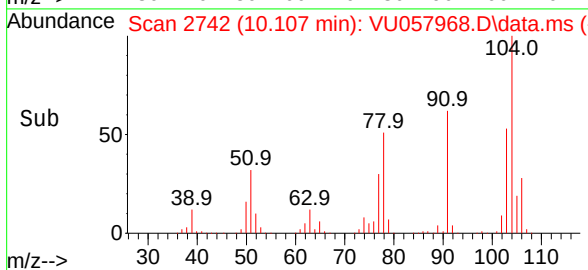
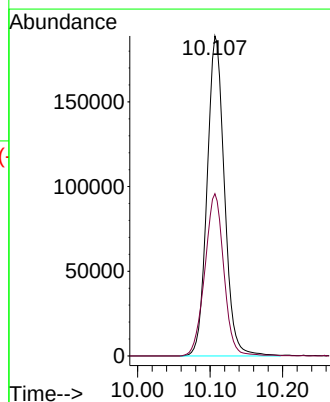
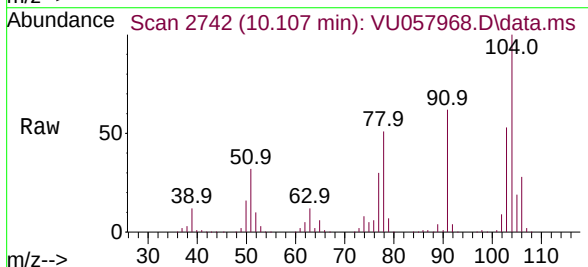
Instrument :
MSVOA_U
ClientSampleId :

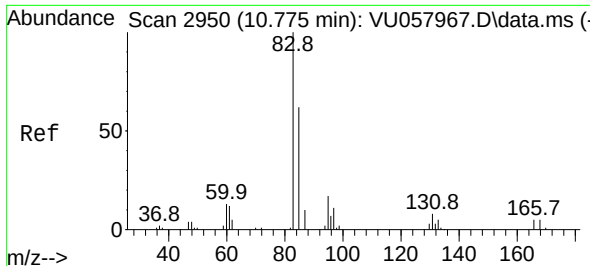
Tgt Ion:106 Resp: 192966
Ion Ratio Lower Upper
106 100
91 223.4 158.3 294.1



#55
Styrene
Concen: 9.975 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. -0.003 min
Lab File: VU057968.D
Acq: 29 Feb 2024 10:54

Tgt Ion:104 Resp: 314499
Ion Ratio Lower Upper
104 100
78 50.7 34.2 63.4





#57

1,1,2,2-Tetrachloroethane

Concen: 9.075 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU057968.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_U

ClientSampleId :

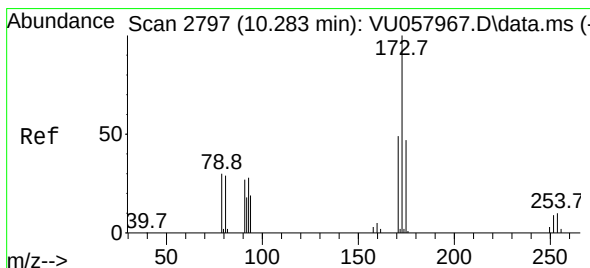
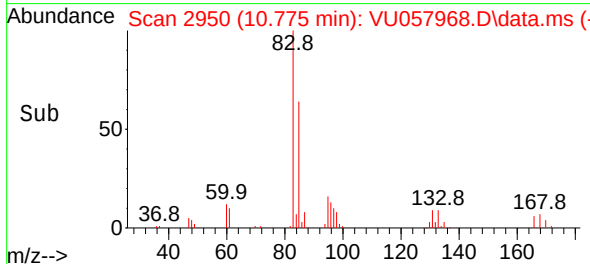
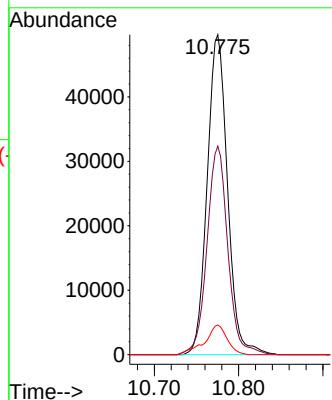
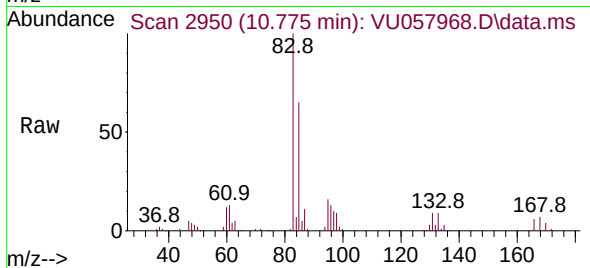
Tgt Ion: 83 Resp: 83230

Ion Ratio Lower Upper

83 100

85 65.1 44.0 81.6

131 9.3 6.9 10.3



#59

Bromoform

Concen: 8.180 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU057968.D

Acq: 29 Feb 2024 10:54

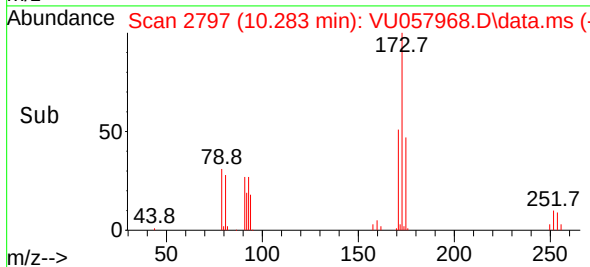
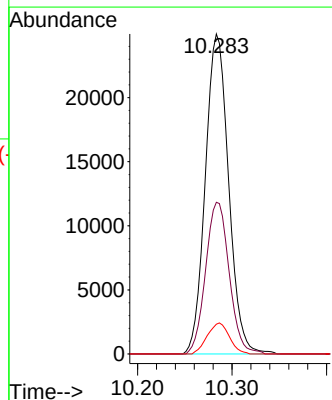
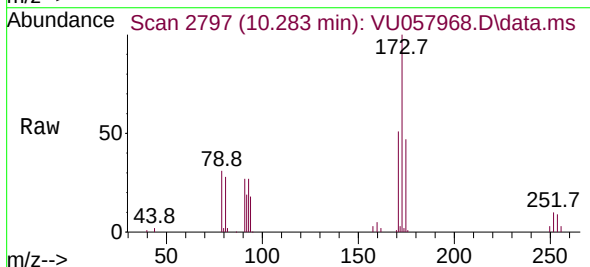
Tgt Ion:173 Resp: 42734

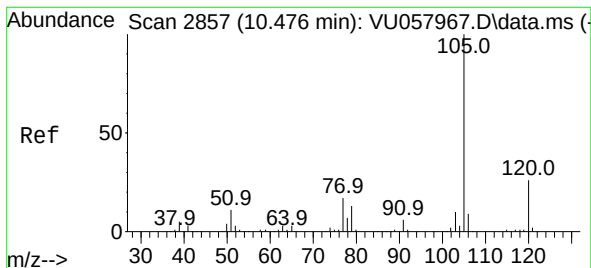
Ion Ratio Lower Upper

173 100

175 48.0 38.6 57.8

254 9.2 7.3 10.9





#60

Isopropylbenzene

Concen: 9.414 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU057968.D

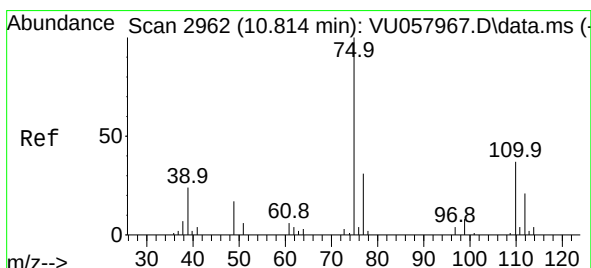
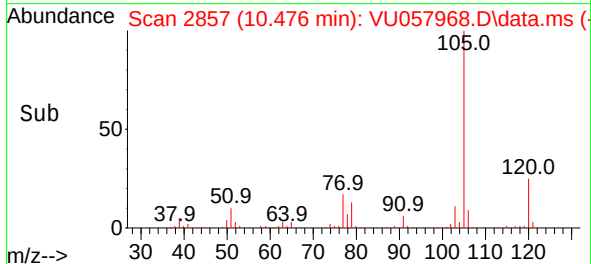
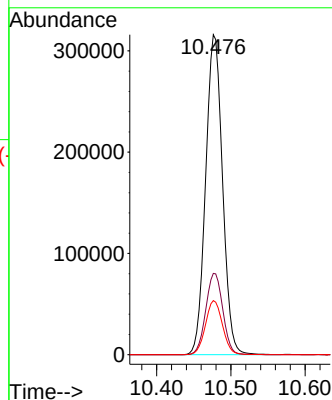
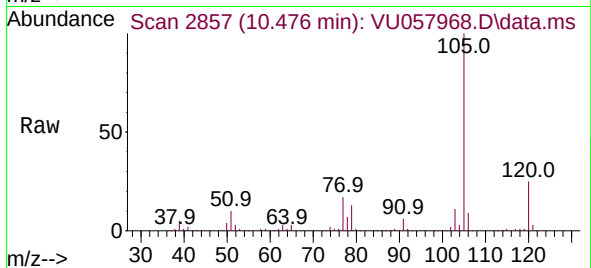
Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	498723
Ion Ratio	Lower	Upper	
105	100		
120	25.6	20.4	30.6
77	17.1	13.2	19.8



#61

1,2,3-Trichloropropane

Concen: 8.896 ug/L

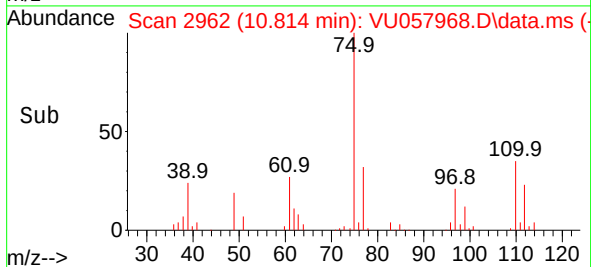
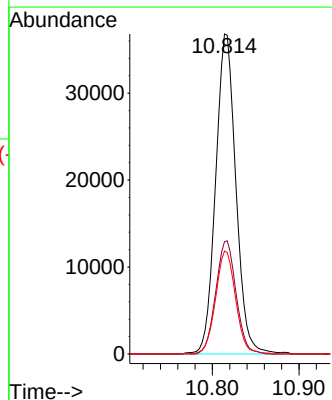
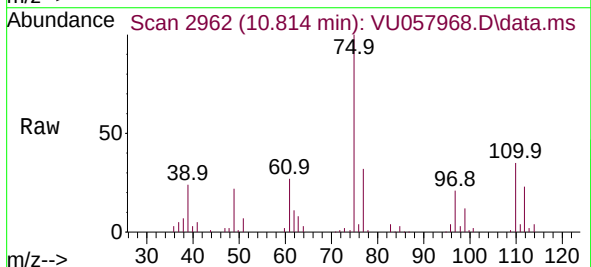
RT: 10.814 min Scan# 2962

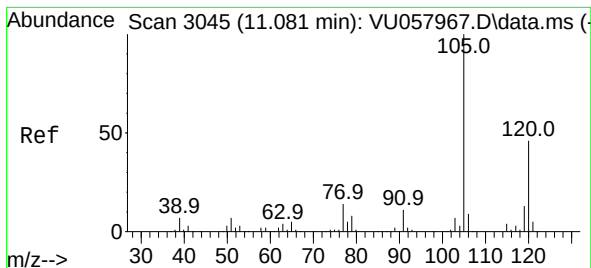
Delta R.T. 0.000 min

Lab File: VU057968.D

Acq: 29 Feb 2024 10:54

Tgt Ion:	75	Resp:	59844
Ion Ratio	Lower	Upper	
75	100		
110	35.3	28.0	42.0
77	31.8	24.7	37.1





#62

1,3,5-Trimethylbenzene

Concen: 9.314 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU057968.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_U

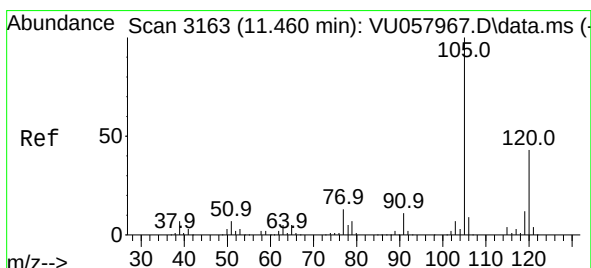
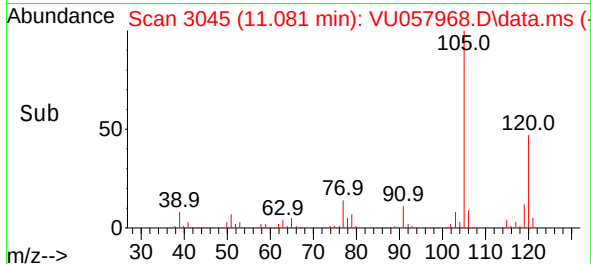
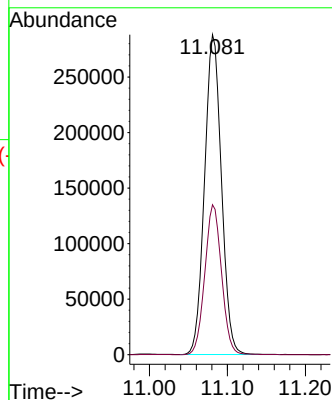
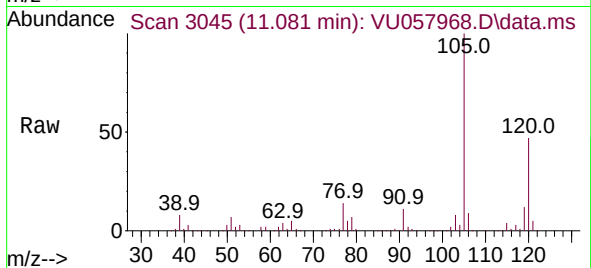
ClientSampleId :

Tgt Ion:105 Resp: 433409

Ion Ratio Lower Upper

105 100

120 46.5 37.1 55.7



#63

1,2,4-Trimethylbenzene

Concen: 9.358 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU057968.D

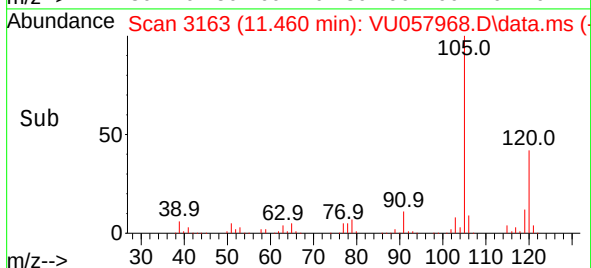
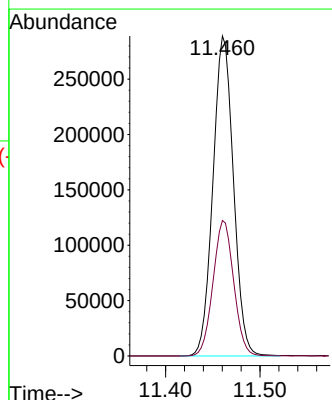
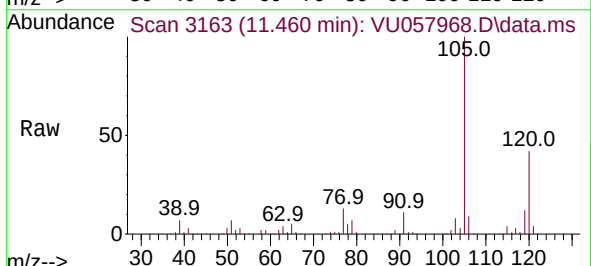
Acq: 29 Feb 2024 10:54

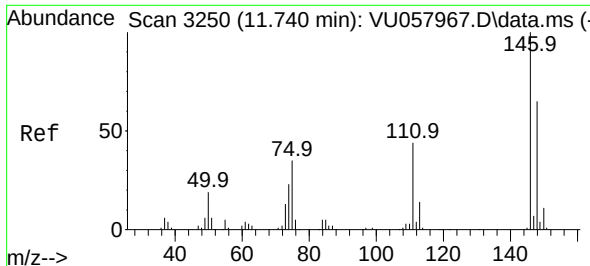
Tgt Ion:105 Resp: 435613

Ion Ratio Lower Upper

105 100

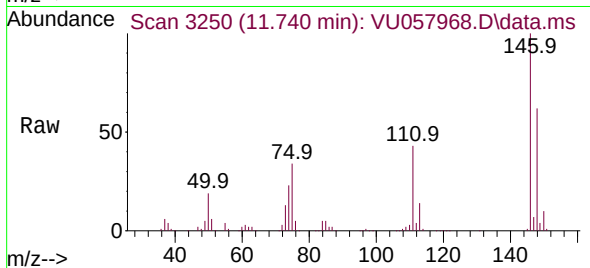
120 42.6 34.8 52.2



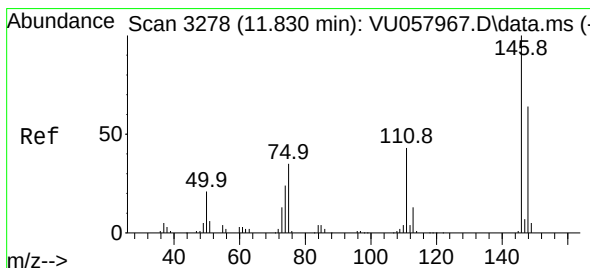
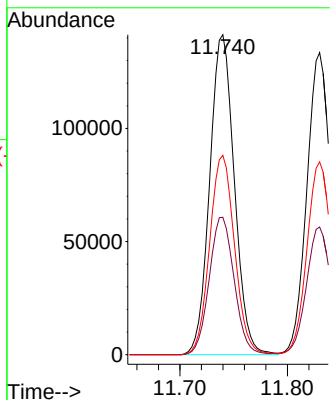
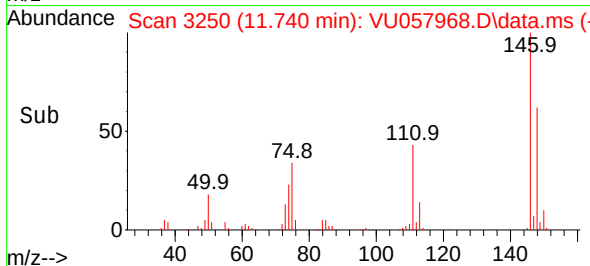


#64
1,3-Dichlorobenzene
Concen: 9.387 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU057968.D
Acq: 29 Feb 2024 10:54

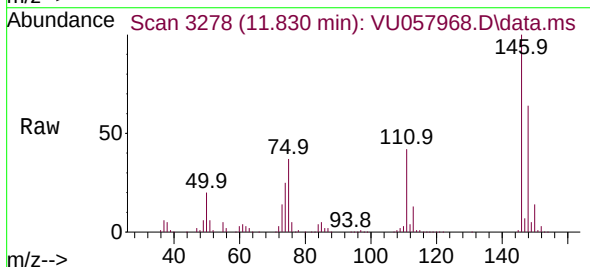
Instrument :
MSVOA_U
ClientSampleId :



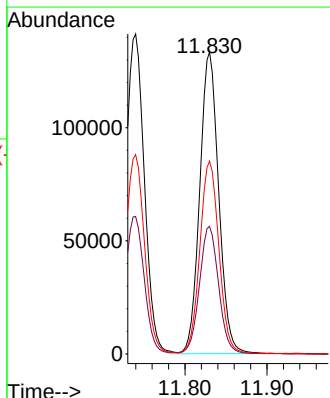
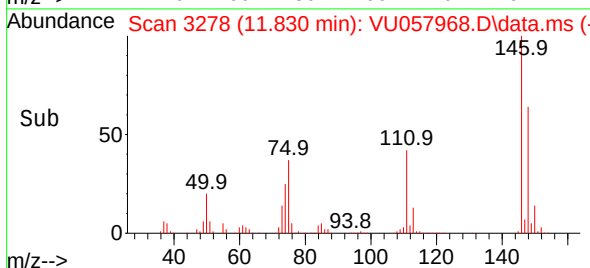
Tgt Ion:146 Resp: 225197
Ion Ratio Lower Upper
146 100
111 42.9 30.9 57.5
148 62.3 45.4 84.4

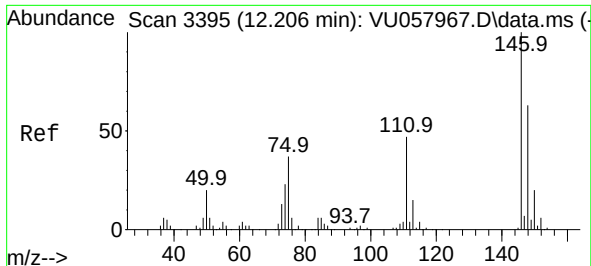


#65
1,4-Dichlorobenzene
Concen: 9.265 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU057968.D
Acq: 29 Feb 2024 10:54



Tgt Ion:146 Resp: 213998
Ion Ratio Lower Upper
146 100
111 42.3 30.1 55.9
148 63.8 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 9.123 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU057968.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_U

ClientSampleId :

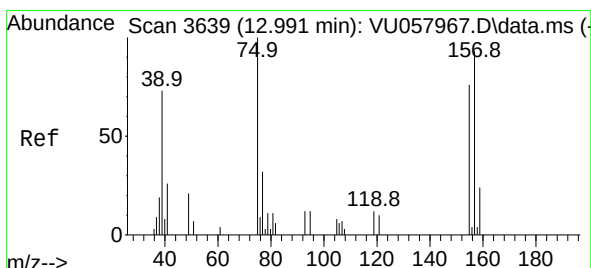
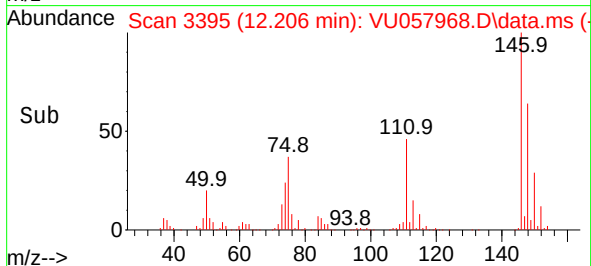
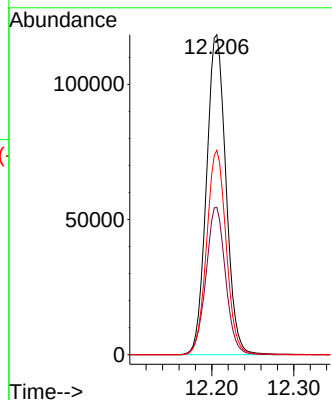
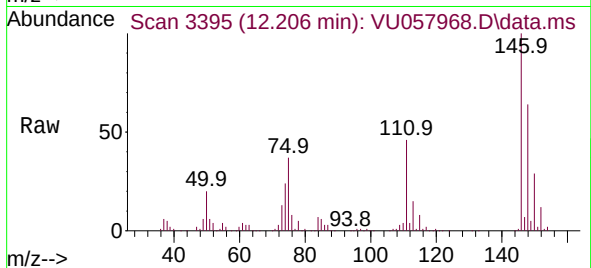
Tgt Ion:146 Resp: 195111

Ion Ratio Lower Upper

146 100

111 46.0 37.4 56.0

148 63.9 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 10.626 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU057968.D

Acq: 29 Feb 2024 10:54

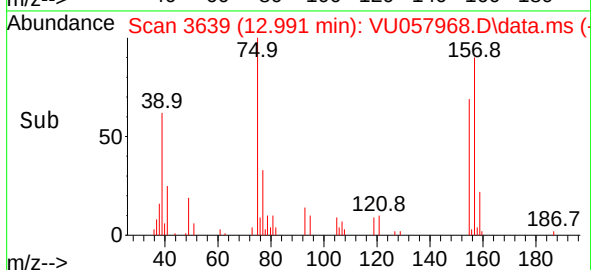
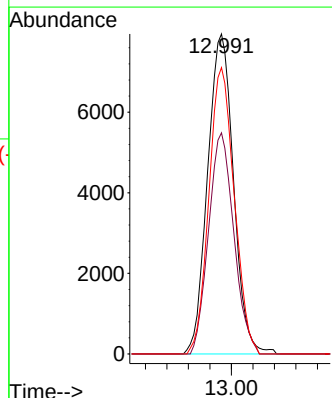
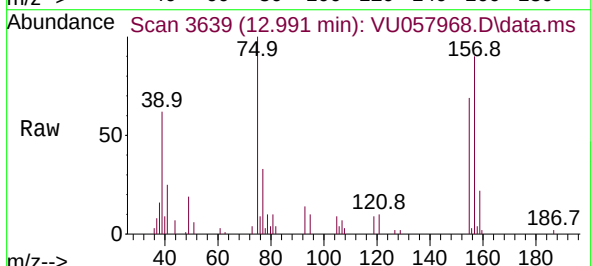
Tgt Ion: 75 Resp: 13287

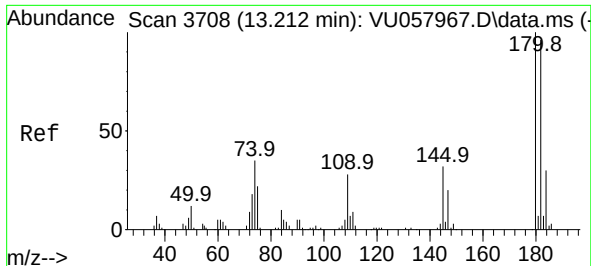
Ion Ratio Lower Upper

75 100

155 69.1 61.0 91.6

157 89.5 74.6 112.0





#69

1,3,5-Trichlorobenzene

Concen: 9.402 ug/L

RT: 13.213 min Scan# 3

Delta R.T. 0.000 min

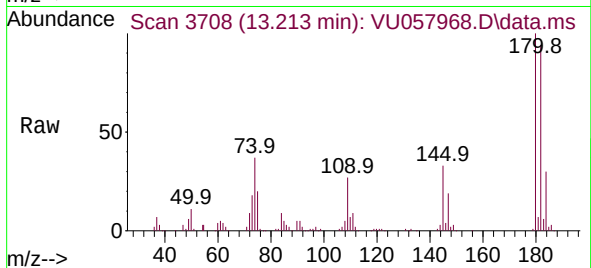
Lab File: VU057968.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 163831

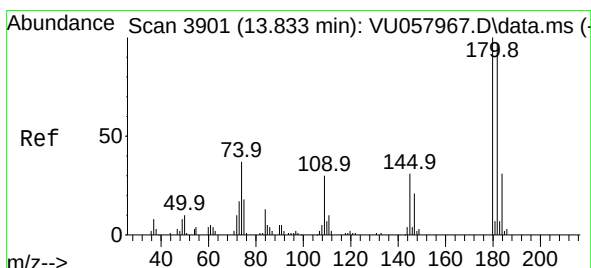
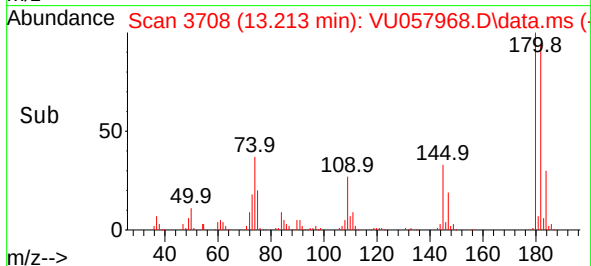
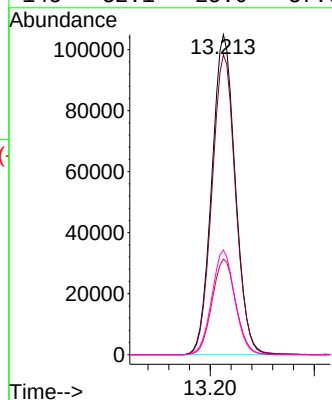
Ion Ratio Lower Upper

180 100

182 94.6 76.3 114.5

184 30.2 24.6 36.8

145 32.1 25.0 37.6



#70

1,2,4-trichlorobenzene

Concen: 10.207 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU057968.D

Acq: 29 Feb 2024 10:54

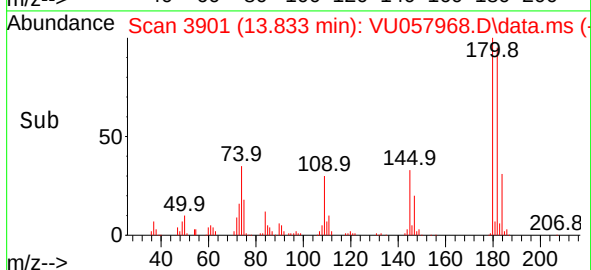
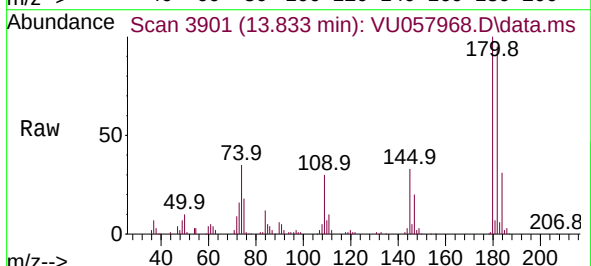
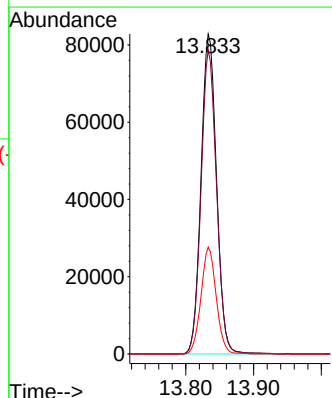
Tgt Ion:180 Resp: 131730

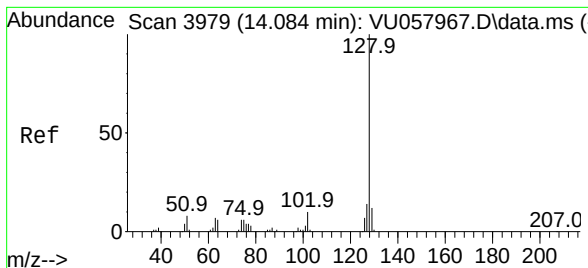
Ion Ratio Lower Upper

180 100

182 94.6 77.9 116.9

145 32.7 25.8 38.8





#71

Naphthalene

Concen: 9.851 ug/L

RT: 14.081 min Scan# 3979

Delta R.T. -0.003 min

Lab File: VU057968.D

Acq: 29 Feb 2024 10:54

Instrument :

MSVOA_U

ClientSampleId :

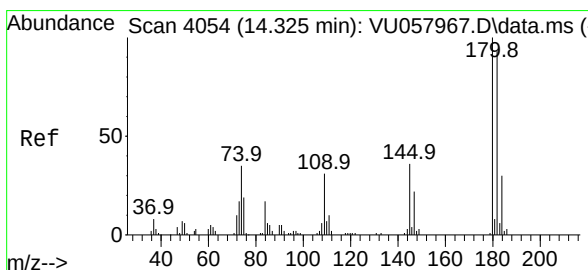
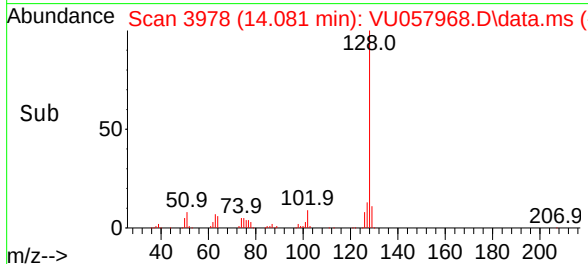
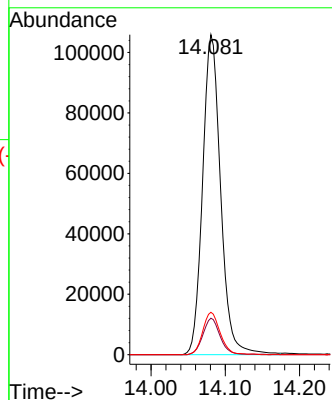
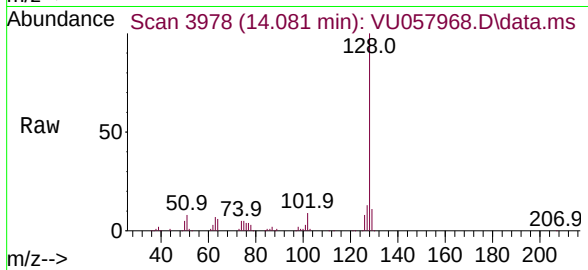
Tgt Ion:128 Resp: 178584

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

127 12.7 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 10.144 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.003 min

Lab File: VU057968.D

Acq: 29 Feb 2024 10:54

Tgt Ion:180 Resp: 102157

Ion Ratio Lower Upper

180 100

182 95.7 77.6 116.4

145 35.2 28.7 43.1

