

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080422\
 Data File : VU050082.D
 Acq On : 04 Aug 2022 23:50
 Operator : SY/MD
 Sample : N4027-04MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJG8MSD

Quant Time: Aug 05 04:58:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 05 04:52:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	79049	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	77281	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	36392	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	33955	5.162	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.200%		
7) Chloroethane-d5	1.912	69	27446	5.171	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 103.400%		
11) 1,1-Dichloroethene-d2	2.568	65	13129	5.106	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 102.200%		
20) 2-Butanone-d5	4.632	46	106129	66.156	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 132.320%#		
24) Chloroform-d	5.063	84	64576	5.277	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.600%		
26) 1,2-Dichloroethane-d4	5.703	65	33477	5.329	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.600%		
32) Benzene-d6	5.726	84	126164	5.231	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.600%		
36) 1,2-Dichloropropane-d6	6.693	67	41975	5.285	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 105.800%		
41) Toluene-d8	7.899	98	109041	5.119	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 102.400%		
43) trans-1,3-Dichloroprop...	8.179	79	14837	5.214	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 104.200%		
46) 2-Hexanone-d5	8.635	63	66673	66.065	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 132.140%#		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	39278	5.632	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 112.600%		
66) 1,2-Dichlorobenzene-d4	12.192	152	37265	5.226	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 104.600%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	44615	6.156	ug/L	98
3) Chloromethane	1.520	50	49423	5.213	ug/L	97
5) Vinyl chloride	1.604	62	83760	9.863	ug/L	98
6) Bromomethane	1.858	94	21720	4.007	ug/L	99
8) Chloroethane	1.932	64	27479	5.491	ug/L	100
9) Trichlorofluoromethane	2.137	101	54562	5.867	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	61302	11.849	ug/L	97
12) 1,1-Dichloroethene	2.578	96	132495	24.248	ug/L #	72
13) Acetone	2.642	43	67871	75.968	ug/L	89
14) Carbon disulfide	2.793	76	106809	5.473	ug/L	100
15) Methyl Acetate	2.957	43	13949	5.718	ug/L	95
16) Methylene chloride	3.044	84	39849	4.773	ug/L	96
17) Methyl tert-butyl Ether	3.366	73	85483	5.994	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	39565	6.467	ug/L	99
19) 1,1-Dichloroethane	3.870	63	163744	14.133	ug/L	99
21) 2-Butanone	4.713	43	113036	70.359	ug/L	93
22) cis-1,2-Dichloroethene	4.665	96	765833	112.779	ug/L	98
23) Bromochloromethane	4.976	128	18296	5.637	ug/L	96
25) Chloroform	5.089	83	68428	5.540	ug/L	99

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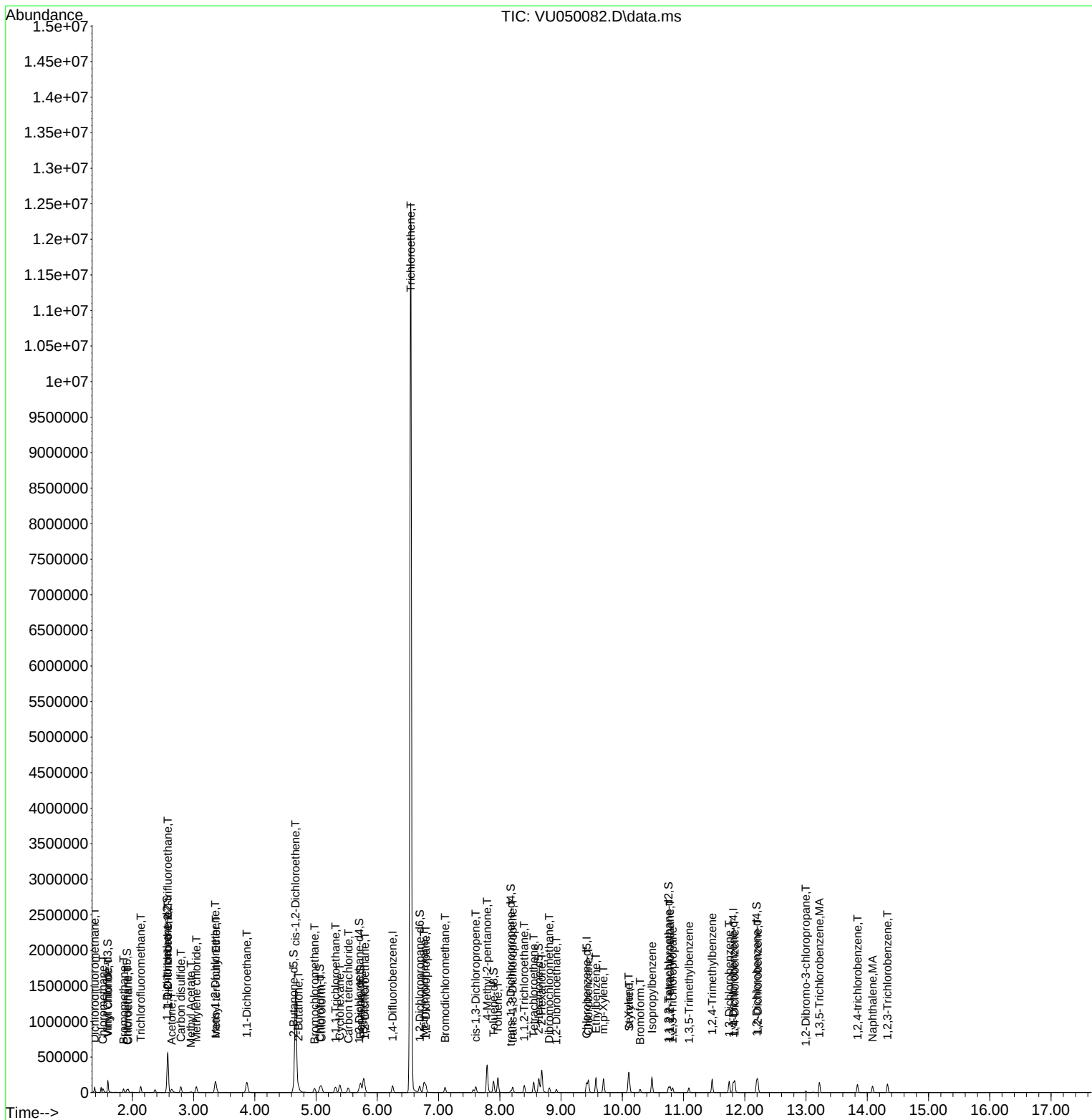
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 ClientSampleId :
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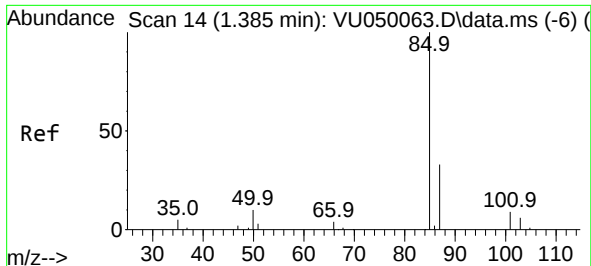
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	59437	7.907	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	56735	5.984	ug/L	98
30) Cyclohexane	5.388	56	51770	6.268	ug/L	99
31) Carbon tetrachloride	5.526	117	45376	5.839	ug/L	97
33) Benzene	5.774	78	173445	6.406	ug/L	100
34) Trichloroethene	6.546	95	4424052	675.571	ug/L	96
35) Methylcyclohexane	6.764	83	55087	6.516	ug/L	97
37) 1,2-Dichloropropane	6.790	63	41102	5.699	ug/L	100
38) Bromodichloromethane	7.105	83	48333	5.517	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	50913	5.409	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	252867	60.532	ug/L	99
42) Toluene	7.970	91	156677	5.770	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	43318	5.366	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	31731	5.886	ug/L	99
47) Tetrachloroethene	8.552	164	32951	7.023	ug/L	98
48) 2-Hexanone	8.684	43	195482	60.502	ug/L	98
49) Dibromochloromethane	8.809	129	34142	5.722	ug/L	99
50) 1,2-Dibromoethane	8.925	107	28857	5.903	ug/L	98
51) Chlorobenzene	9.446	112	93686	5.483	ug/L	99
52) Ethylbenzene	9.571	91	145807	5.502	ug/L	99
53) m,p-Xylene	9.693	106	56085	5.747	ug/L	99
54) o-Xylene	10.102	106	55098	5.656	ug/L	93
55) Styrene	10.115	104	83748	5.146	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	42182	5.954	ug/L	98
59) Bromoform	10.291	173	20175	5.528	ug/L	99
60) Isopropylbenzene	10.484	105	136750	5.627	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	28938	5.837	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	37153	5.411	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	102468	5.477	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	64856	5.294	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	64624	5.422	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	65461	5.518	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.995	75	6342	6.524	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	44805	5.134	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	36240	5.481	ug/L	99
71) Naphthalene	14.085	128	75414	5.562	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	37613	5.612	ug/L	99

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

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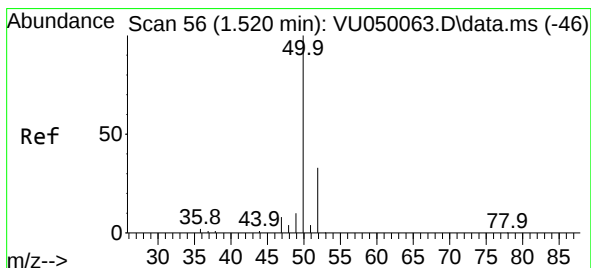
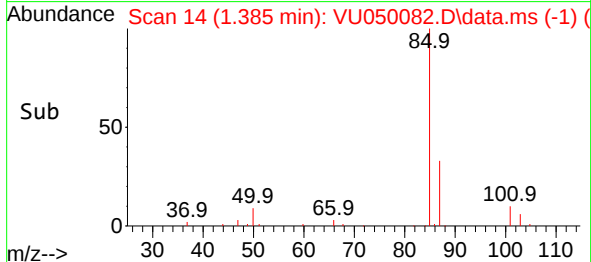
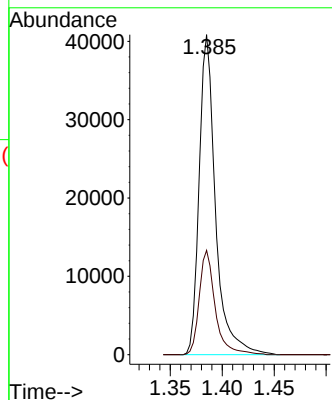
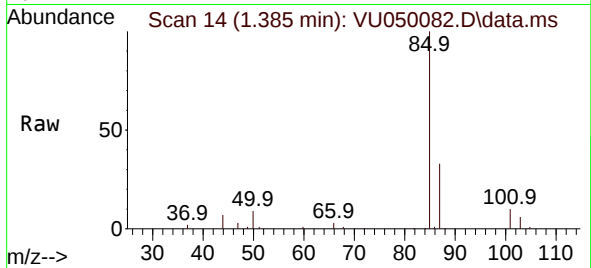




#2
Dichlorodifluoromethane
Concen: 6.156 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050082.D
Acq: 04 Aug 2022 23:50

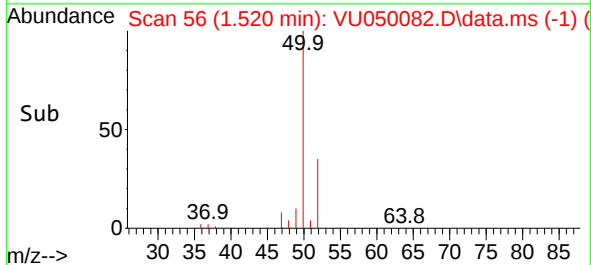
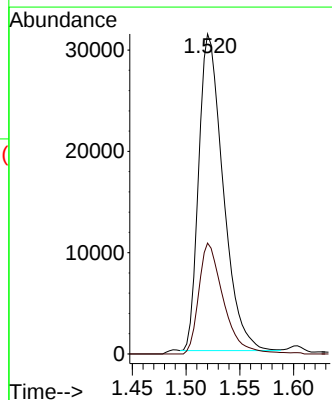
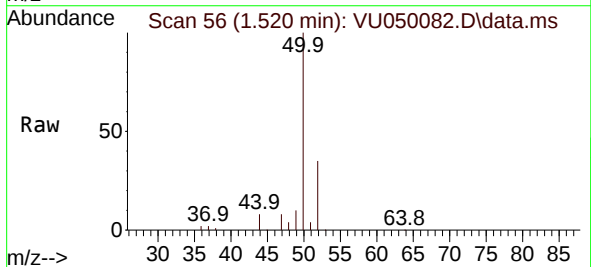
Instrument :
MSVOA_U
ClientSampleId :
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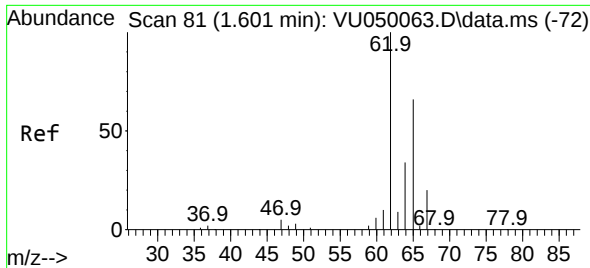
Tgt Ion: 85 Resp: 44615
Ion Ratio Lower Upper
85 100
87 31.9 26.2 39.4



#3
Chloromethane
Concen: 5.213 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU050082.D
Acq: 04 Aug 2022 23:50

Tgt Ion: 50 Resp: 49423
Ion Ratio Lower Upper
50 100
52 34.7 23.2 43.2

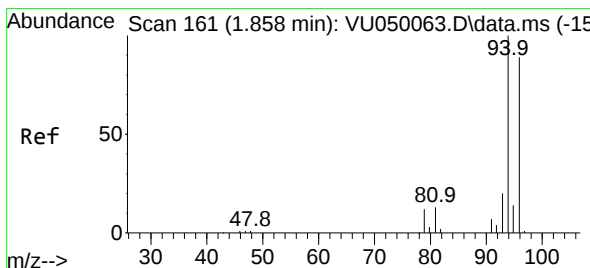
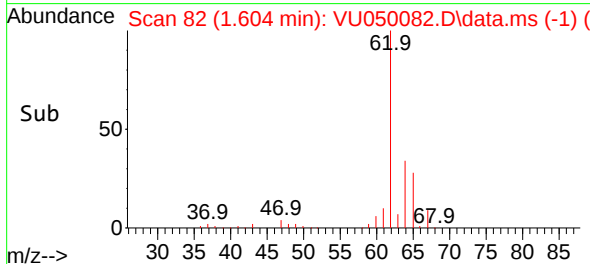
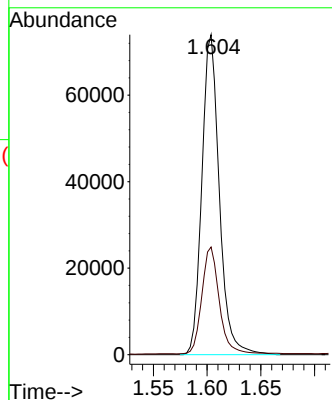
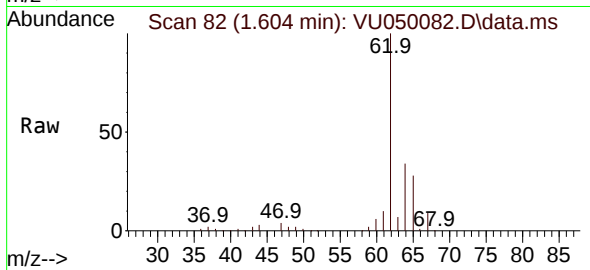




#5
 Vinyl chloride
 Concen: 9.863 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU050082.D
 Acq: 04 Aug 2022 23:50

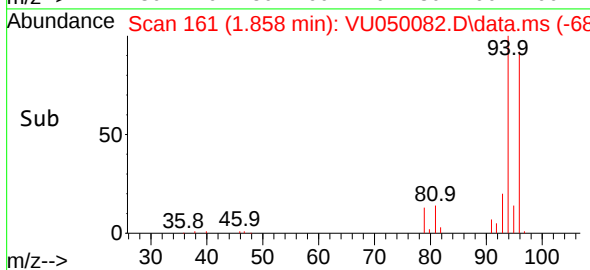
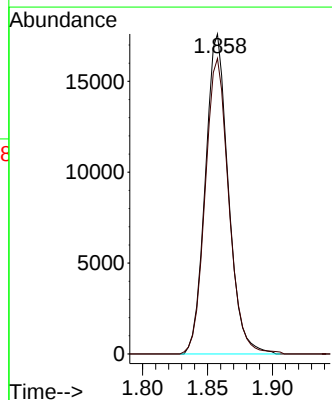
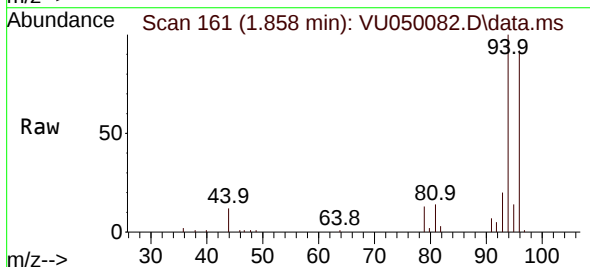
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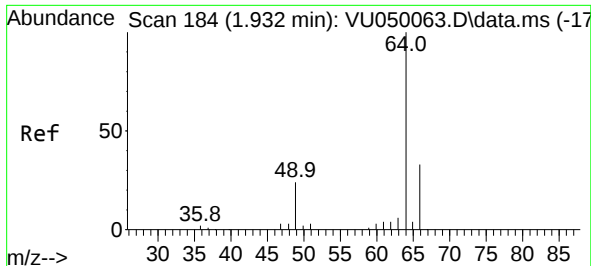
Tgt Ion: 62 Resp: 83760
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.8 42.4



#6
 Bromomethane
 Concen: 4.007 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU050082.D
 Acq: 04 Aug 2022 23:50

Tgt Ion: 94 Resp: 21720
 Ion Ratio Lower Upper
 94 100
 96 92.3 65.3 121.3

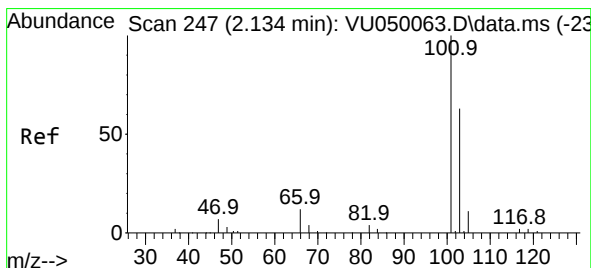
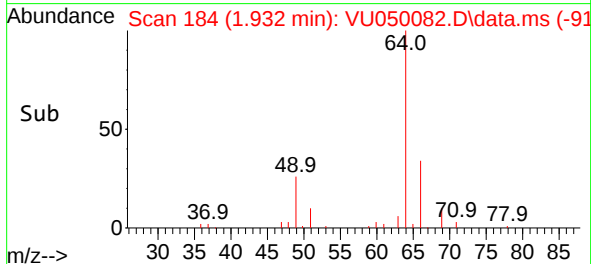
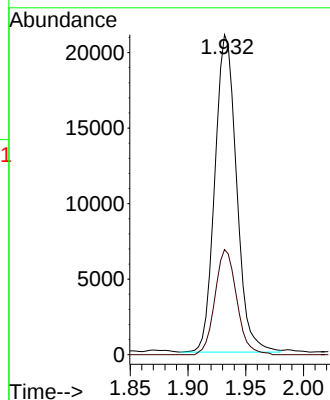
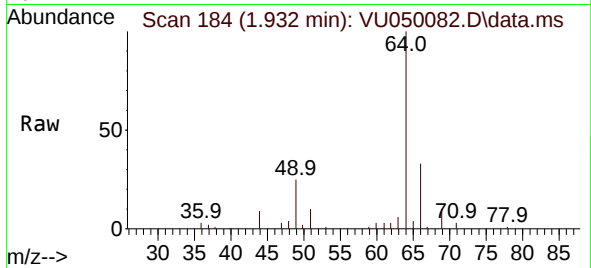




#8
Chloroethane
Concen: 5.491 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU050082.D
Acq: 04 Aug 2022 23:50

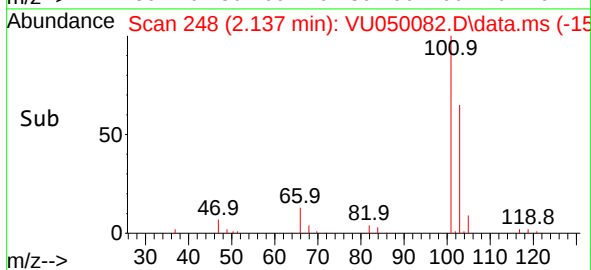
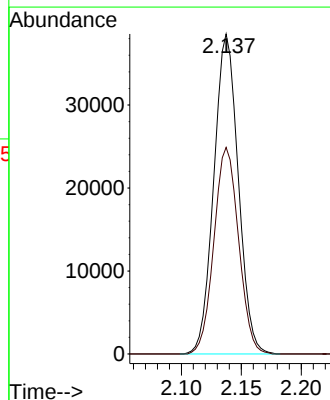
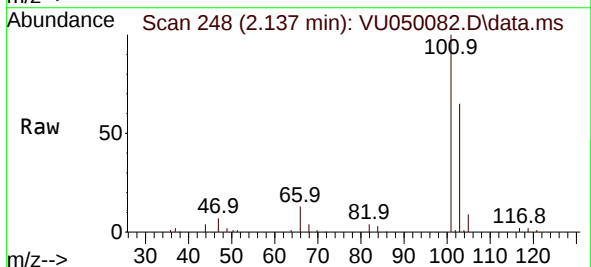
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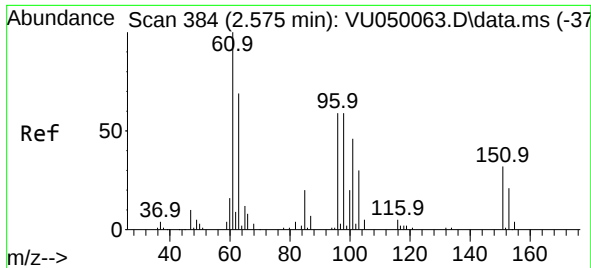
Tgt Ion: 64 Resp: 27479
Ion Ratio Lower Upper
64 100
66 32.8 22.8 42.4



#9
Trichlorofluoromethane
Concen: 5.867 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU050082.D
Acq: 04 Aug 2022 23:50

Tgt Ion:101 Resp: 54562
Ion Ratio Lower Upper
101 100
103 65.1 52.6 78.8

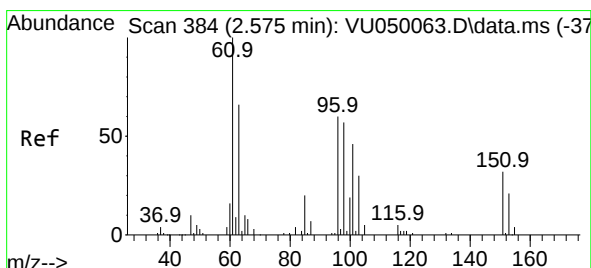
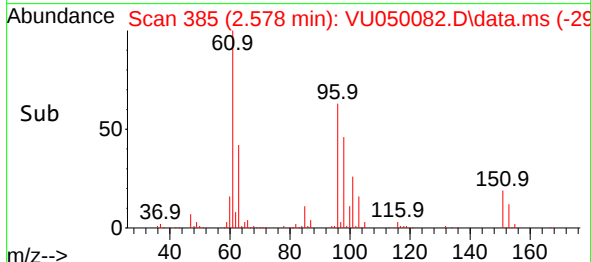
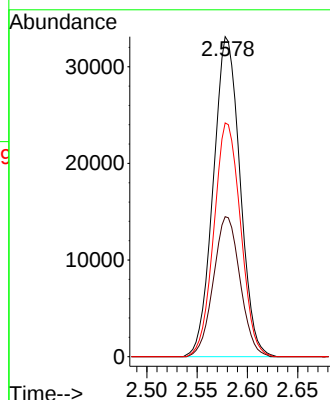
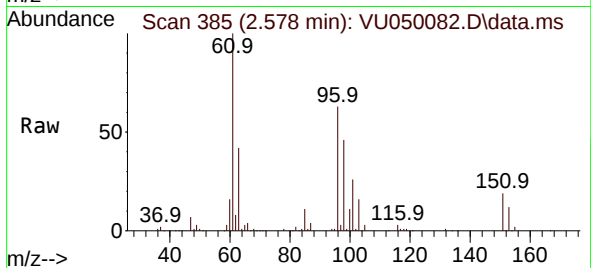




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 11.849 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU050082.D
 Acq: 04 Aug 2022 23:50

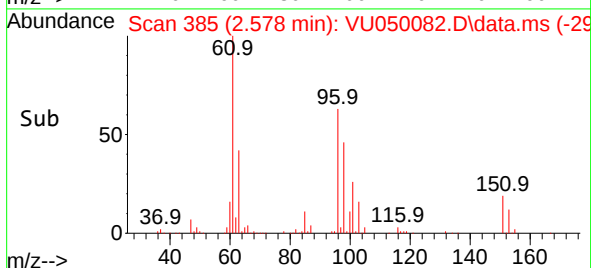
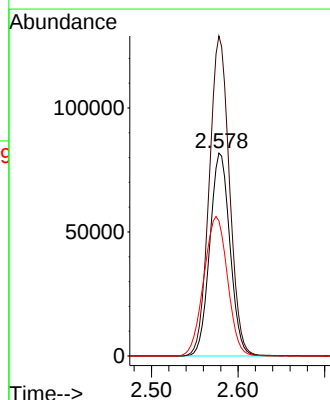
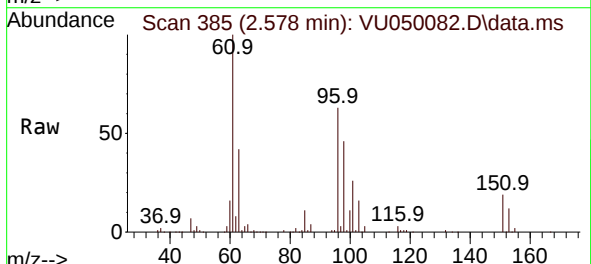
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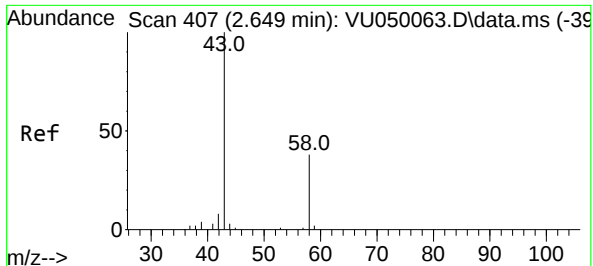
Tgt Ion:101 Resp: 61302
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.6 53.4
 151 73.0 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 24.248 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU050082.D
 Acq: 04 Aug 2022 23:50

Tgt Ion: 96 Resp: 132495
 Ion Ratio Lower Upper
 96 100
 61 157.7 122.7 227.9
 63 66.6 85.1 158.1#





#13

Acetone

Concen: 75.968 ug/L

RT: 2.642 min Scan# 407

Delta R.T. -0.007 min

Lab File: VU050082.D

Acq: 04 Aug 2022 23:50

Instrument :

MSVOA_U

ClientSampleId :

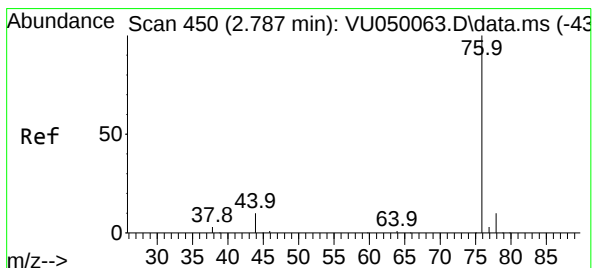
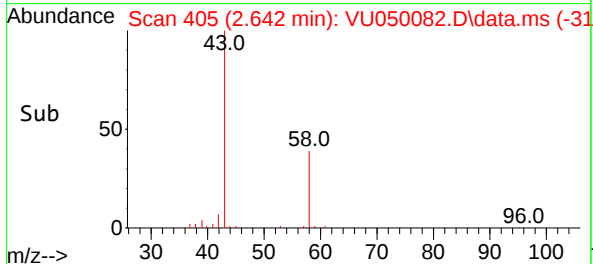
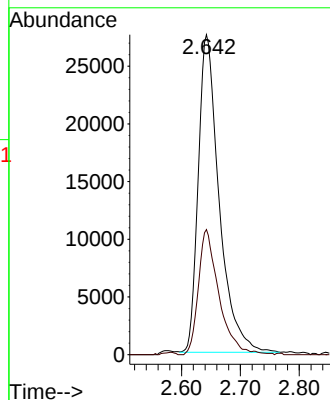
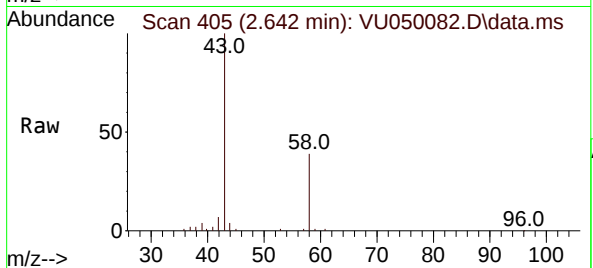
GBJG8MSD

Tgt Ion: 43 Resp: 67871

Ion Ratio Lower Upper

43 100

58 38.3 0.0 64.0



#14

Carbon disulfide

Concen: 5.473 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.006 min

Lab File: VU050082.D

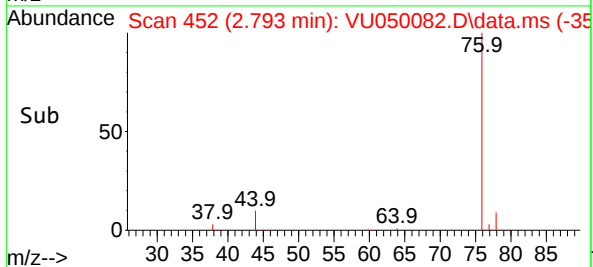
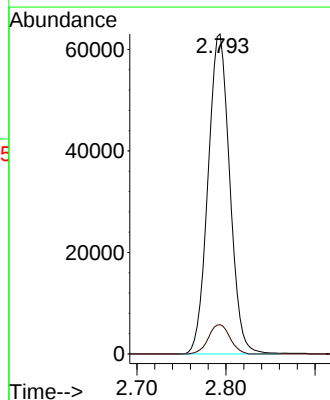
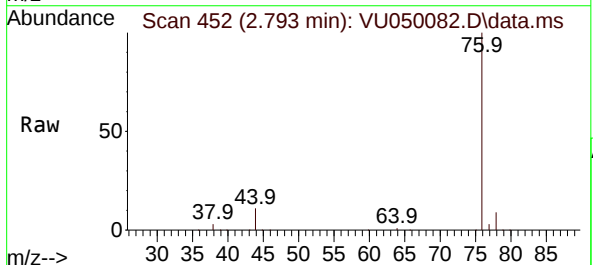
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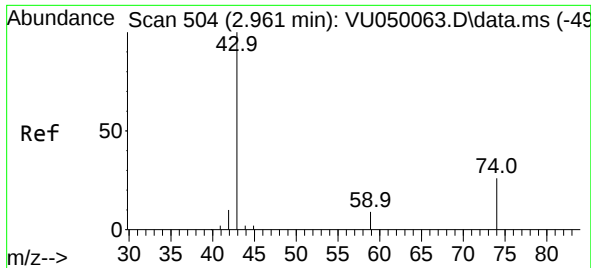
Tgt Ion: 76 Resp: 106809

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

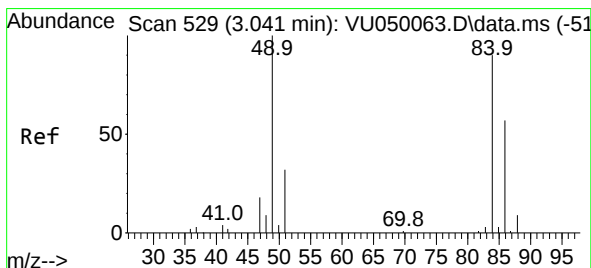
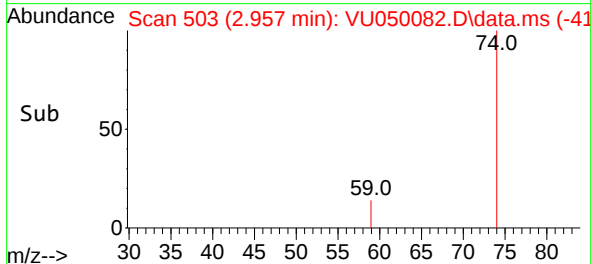
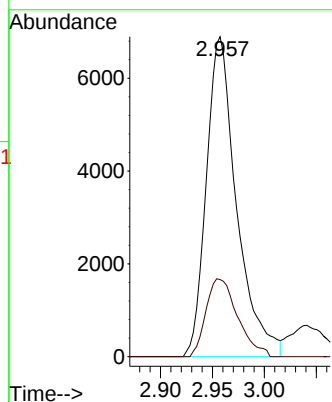
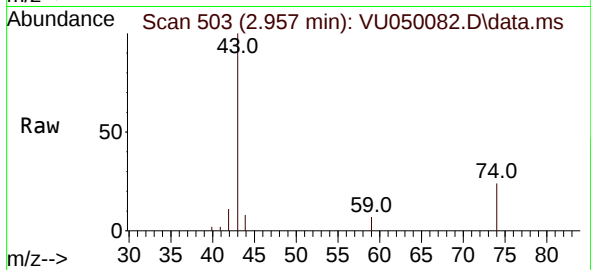




#15
Methyl Acetate
Concen: 5.718 ug/L
RT: 2.957 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU050082.D
Acq: 04 Aug 2022 23:50

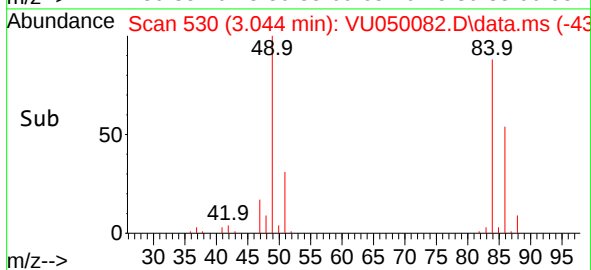
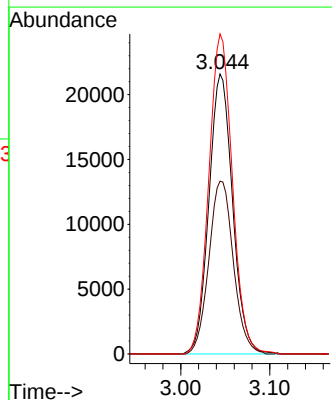
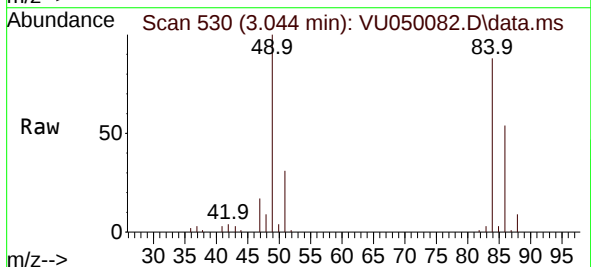
Instrument :
MSVOA_U
ClientSampleId :
GBJG8MSD

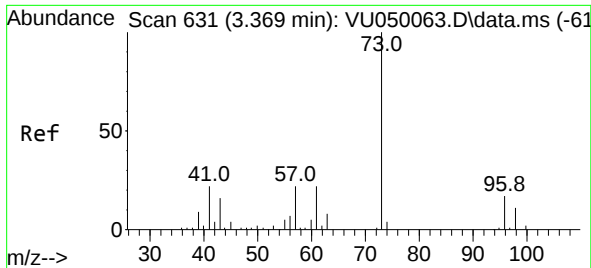
Tgt Ion: 43 Resp: 13949
Ion Ratio Lower Upper
43 100
74 25.5 22.7 34.1



#16
Methylene chloride
Concen: 4.773 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU050082.D
Acq: 04 Aug 2022 23:50

Tgt Ion: 84 Resp: 39849
Ion Ratio Lower Upper
84 100
86 61.7 45.9 85.3
49 114.3 77.6 144.0

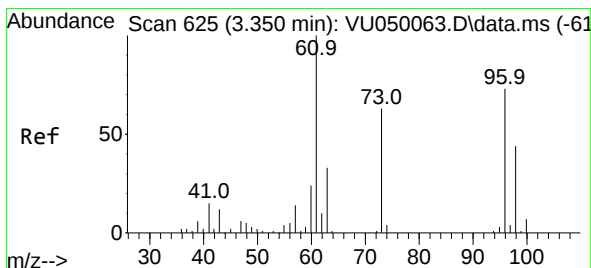
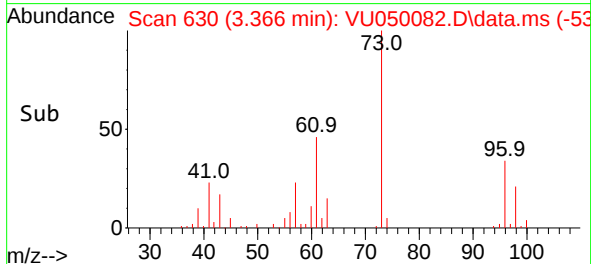
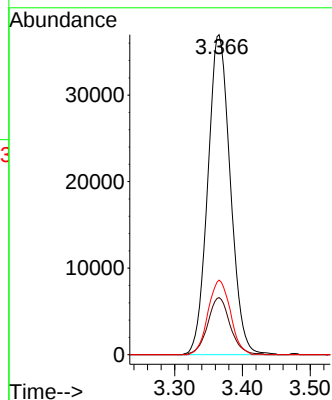
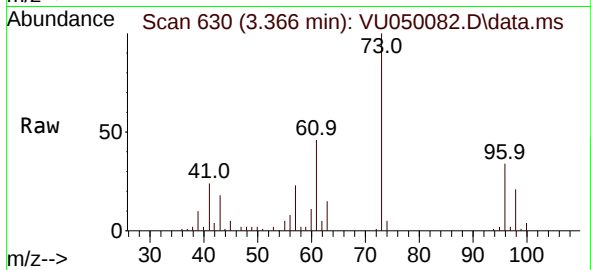




#17
Methyl tert-butyl Ether
Concen: 5.994 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU050082.D
Acq: 04 Aug 2022 23:50

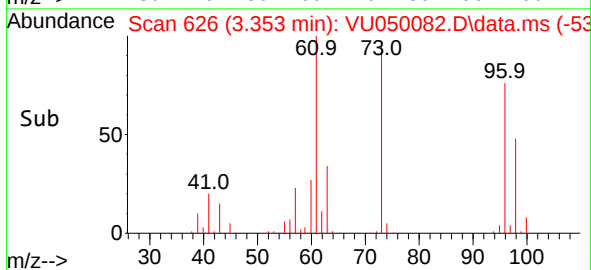
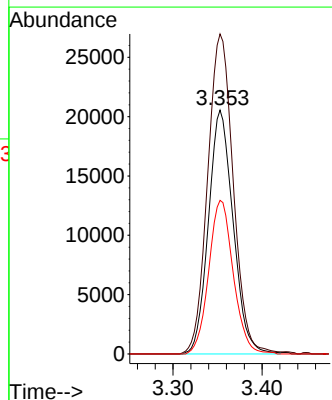
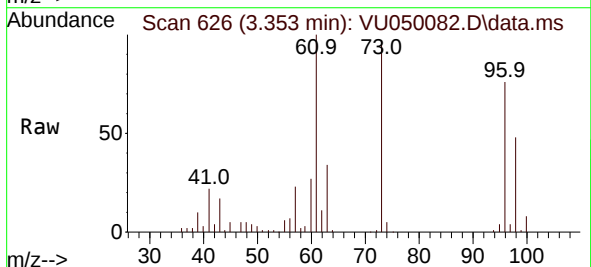
Instrument :
MSVOA_U
ClientSampleId :
GBJG8MSD

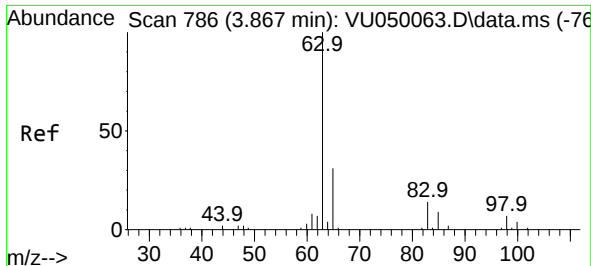
Tgt Ion: 73 Resp: 85483
Ion Ratio Lower Upper
73 100
43 17.8 13.5 20.3
57 23.0 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 6.467 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU050082.D
Acq: 04 Aug 2022 23:50

Tgt Ion: 96 Resp: 39565
Ion Ratio Lower Upper
96 100
61 131.2 92.3 171.5
98 63.0 43.2 80.2





#19

1,1-Dichloroethane

Concen: 14.133 ug/L

RT: 3.870 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU050082.D

Acq: 04 Aug 2022 23:50

Instrument :

MSVOA_U

ClientSampleId :

GBJG8MSD

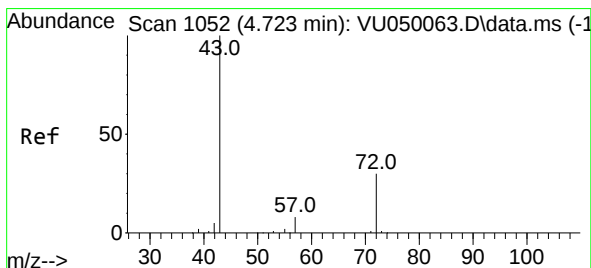
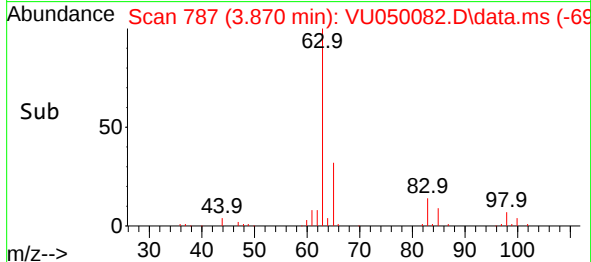
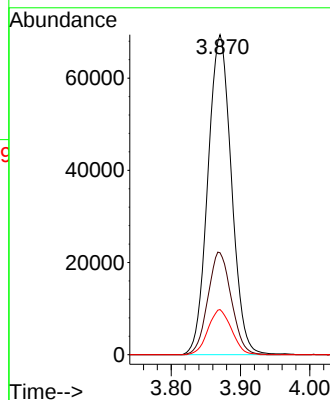
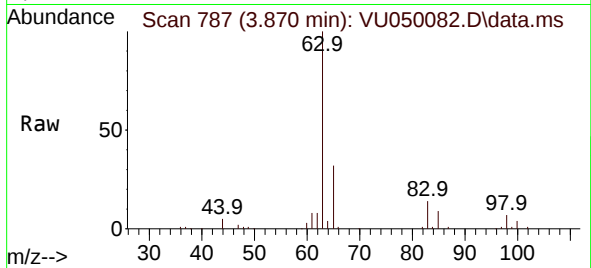
Tgt Ion: 63 Resp: 163744

Ion Ratio Lower Upper

63 100

65 31.9 22.7 42.3

83 14.1 9.8 18.2



#21

2-Butanone

Concen: 70.359 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. -0.010 min

Lab File: VU050082.D

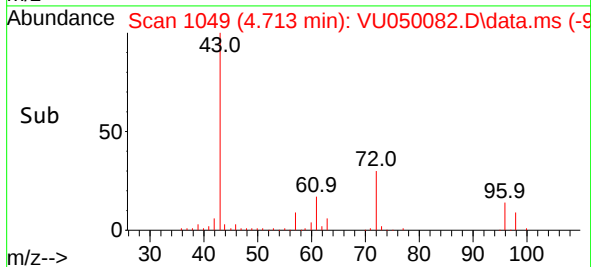
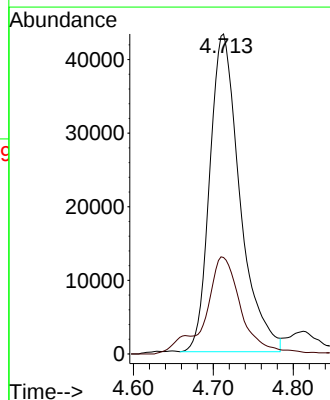
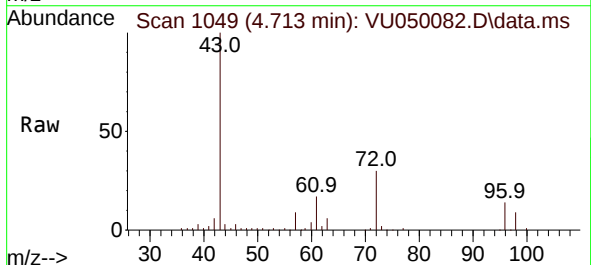
Acq: 04 Aug 2022 23:50

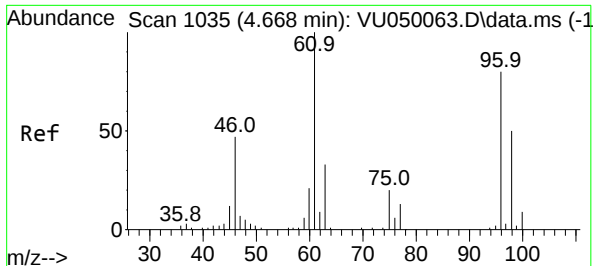
Tgt Ion: 43 Resp: 113036

Ion Ratio Lower Upper

43 100

72 31.8 14.0 42.0





#22

cis-1,2-Dichloroethene

Concen: 112.779 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU050082.D

Acq: 04 Aug 2022 23:50

Instrument :

MSVOA_U

ClientSampleId :

GBJG8MSD

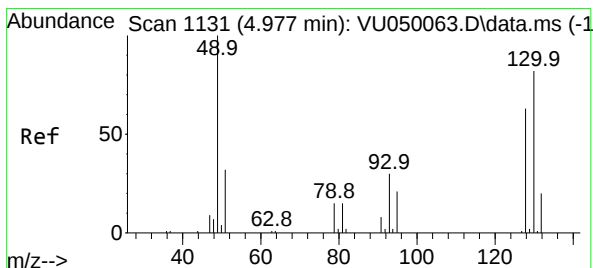
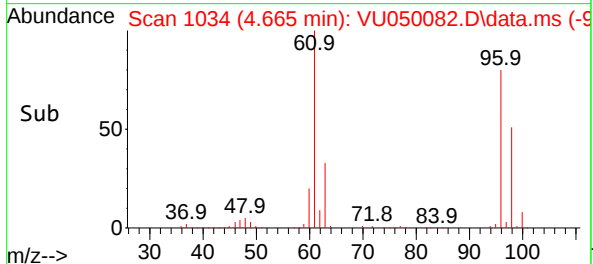
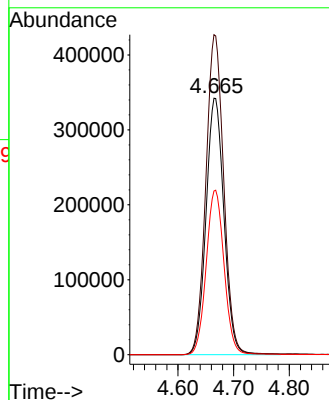
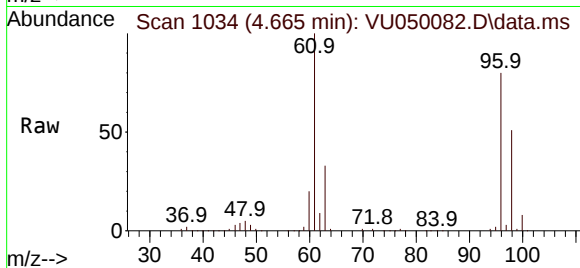
Tgt Ion: 96 Resp: 765833

Ion Ratio Lower Upper

96 100

61 124.8 89.0 165.4

98 63.9 45.2 84.0



#23

Bromochloromethane

Concen: 5.637 ug/L

RT: 4.976 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VU050082.D

Acq: 04 Aug 2022 23:50

Tgt Ion:128 Resp: 18296

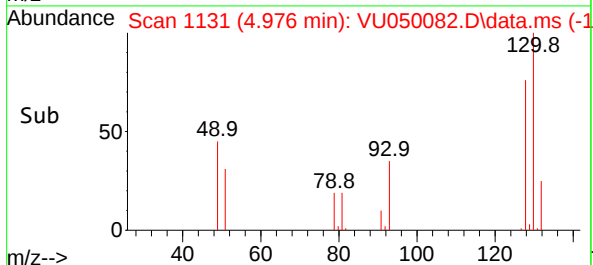
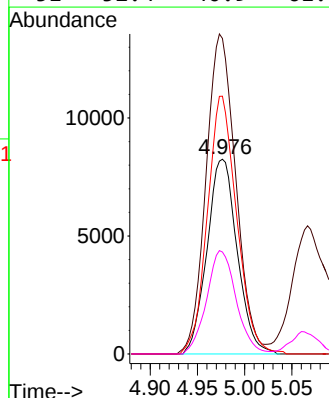
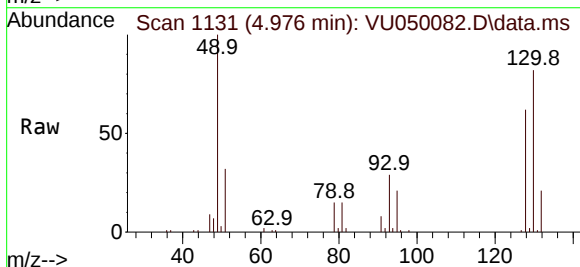
Ion Ratio Lower Upper

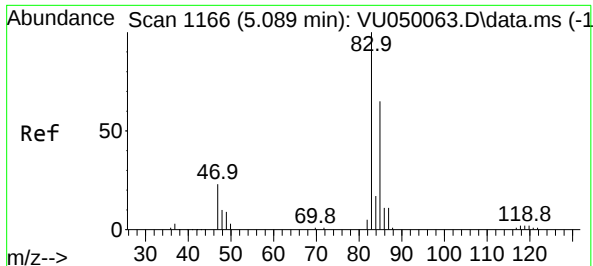
128 100

49 167.3 111.4 206.8

130 132.4 90.2 167.4

51 52.4 40.9 61.3





#25

Chloroform

Concen: 5.540 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU050082.D

Acq: 04 Aug 2022 23:50

Instrument :

MSVOA_U

ClientSampleId :

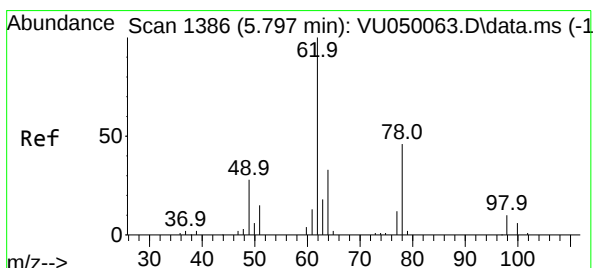
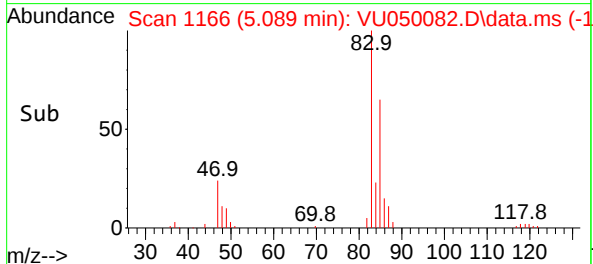
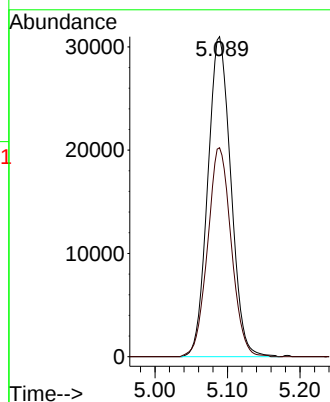
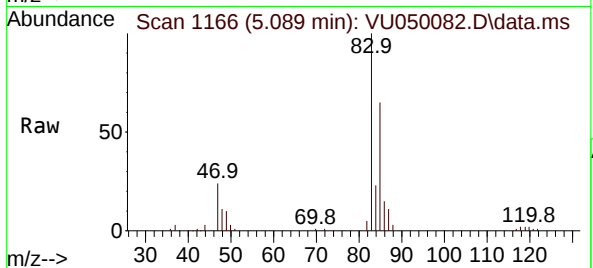
GBJG8MSD

Tgt Ion: 83 Resp: 68428

Ion Ratio Lower Upper

83 100

85 65.3 46.1 85.5



#27

1,2-Dichloroethane

Concen: 7.907 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU050082.D

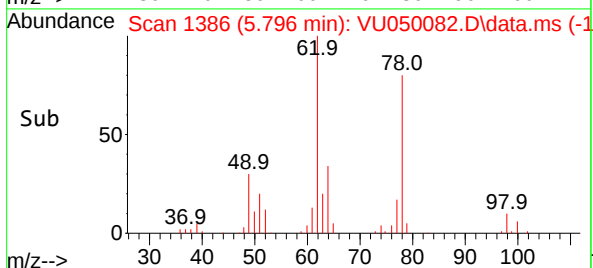
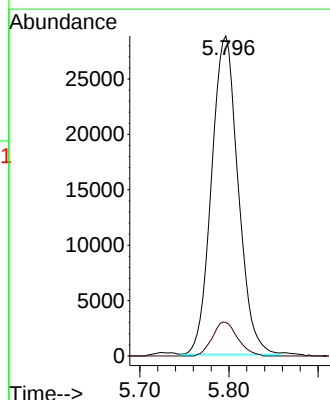
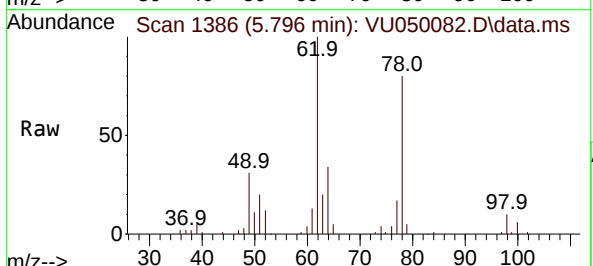
Acq: 04 Aug 2022 23:50

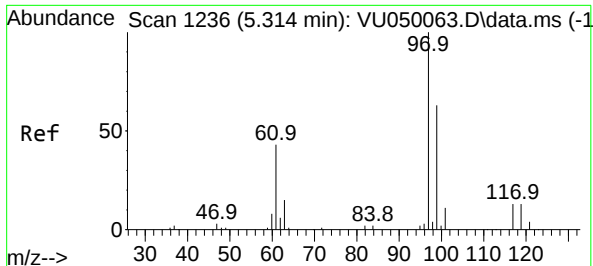
Tgt Ion: 62 Resp: 59437

Ion Ratio Lower Upper

62 100

98 10.5 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.984 ug/L

RT: 5.317 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU050082.D

Acq: 04 Aug 2022 23:50

Instrument :

MSVOA_U

ClientSampleId :

GBJG8MSD

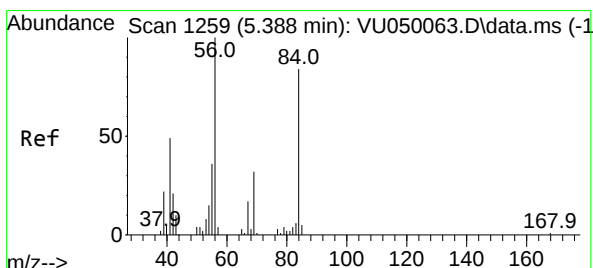
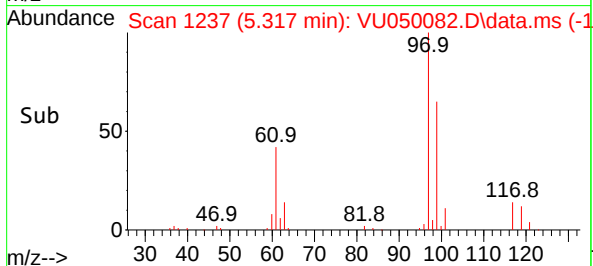
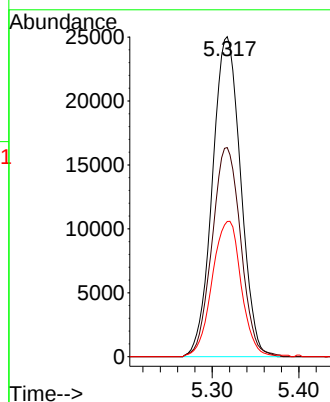
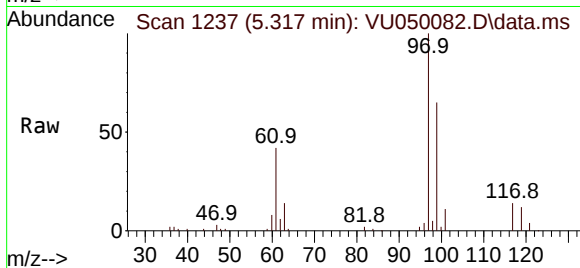
Tgt Ion: 97 Resp: 56735

Ion Ratio Lower Upper

97 100

99 66.4 51.5 77.3

61 43.5 34.2 51.4



#30

Cyclohexane

Concen: 6.268 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU050082.D

Acq: 04 Aug 2022 23:50

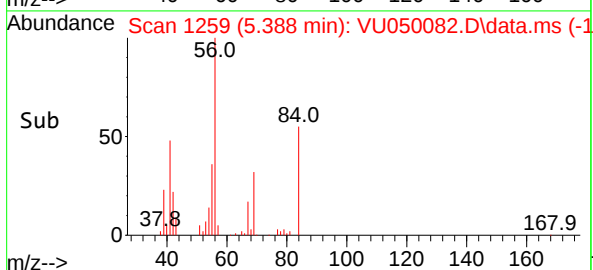
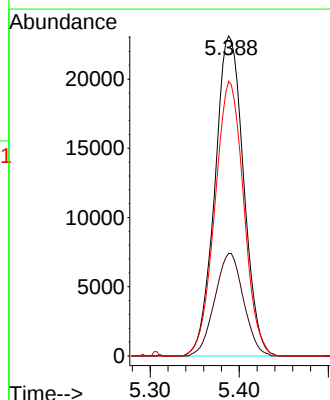
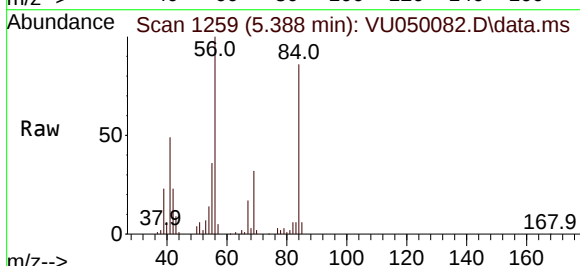
Tgt Ion: 56 Resp: 51770

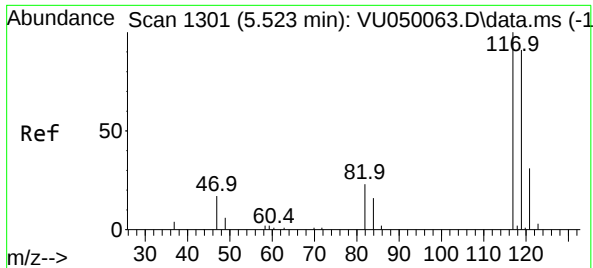
Ion Ratio Lower Upper

56 100

69 32.0 24.6 37.0

84 86.1 69.1 103.7

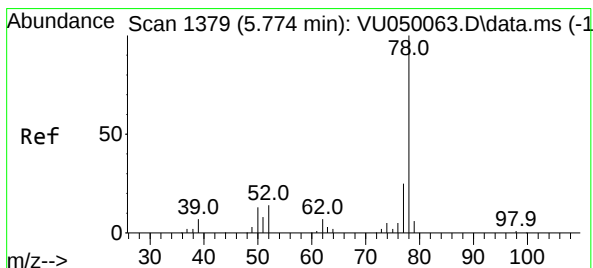
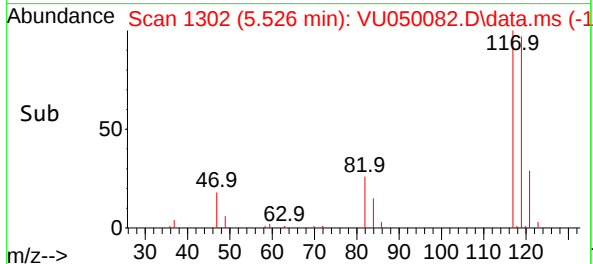
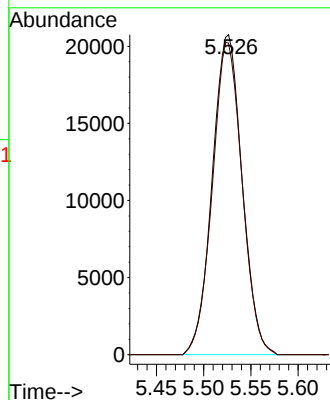
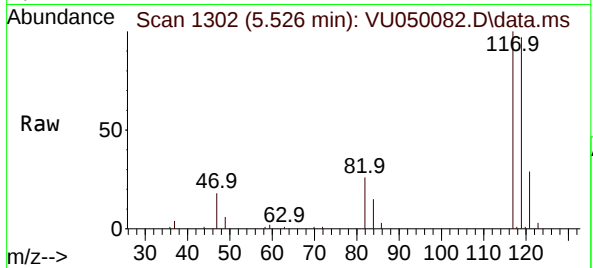




#31
Carbon tetrachloride
Concen: 5.839 ug/L
RT: 5.526 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU050082.D
Acq: 04 Aug 2022 23:50

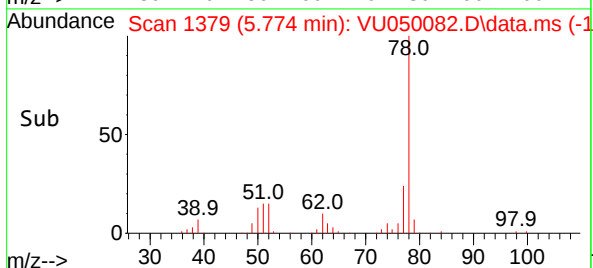
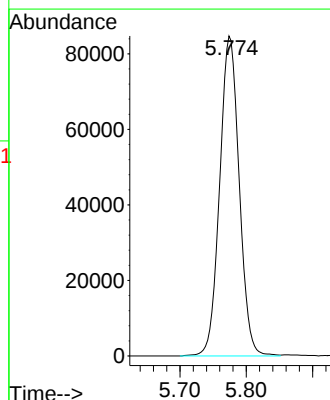
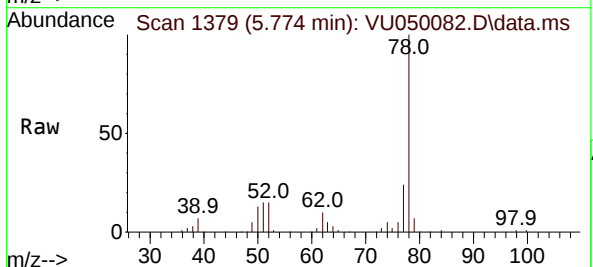
Instrument :
MSVOA_U
ClientSampleId :
GBJG8MSD

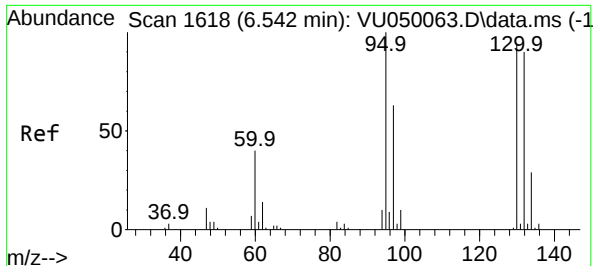
Tgt Ion:117 Resp: 45376
Ion Ratio Lower Upper
117 100
119 97.8 76.0 114.0



#33
Benzene
Concen: 6.406 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU050082.D
Acq: 04 Aug 2022 23:50

Tgt Ion: 78 Resp: 173445



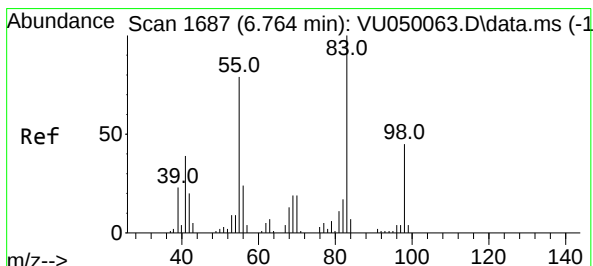
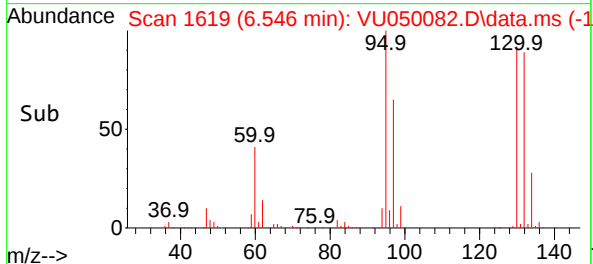
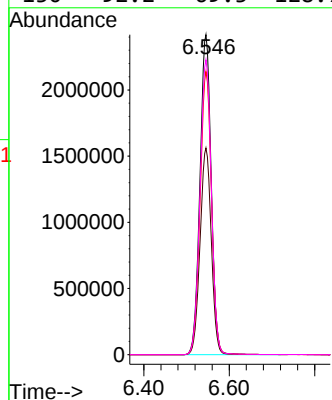
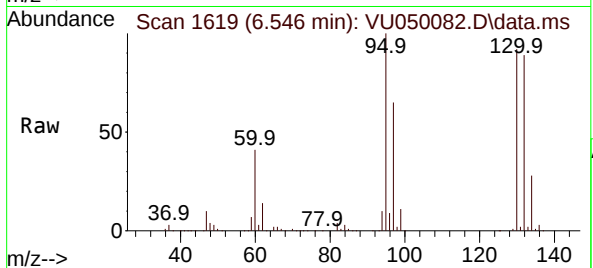


#34
Trichloroethene
Concen: 675.571 ug/L
RT: 6.546 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU050082.D
Acq: 04 Aug 2022 23:50

Instrument :
MSVOA_U
ClientSampleId :
GBJG8MSD

Tgt Ion: 95 Resp: 4424052

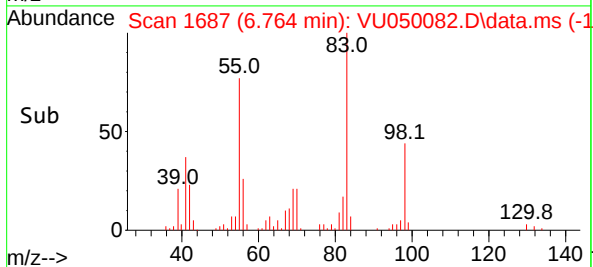
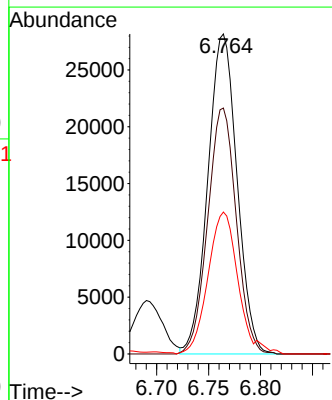
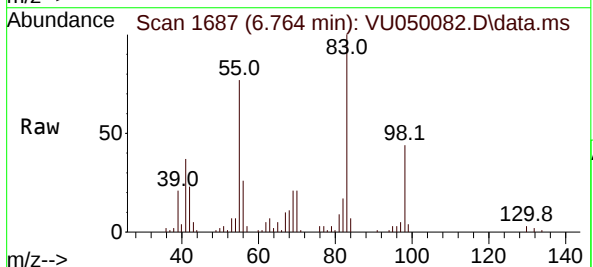
Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.6	84.8
132	88.5	65.0	120.6
130	92.2	69.3	128.7

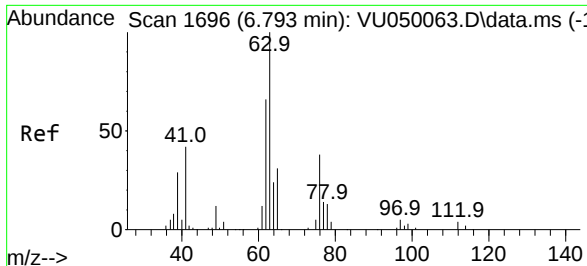


#35
Methylcyclohexane
Concen: 6.516 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU050082.D
Acq: 04 Aug 2022 23:50

Tgt Ion: 83 Resp: 55087

Ion	Ratio	Lower	Upper
83	100		
55	75.2	62.7	94.1
98	45.6	36.2	54.2





#37

1,2-Dichloropropane

Concen: 5.699 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU050082.D

Acq: 04 Aug 2022 23:50

Instrument :

MSVOA_U

ClientSampleId :

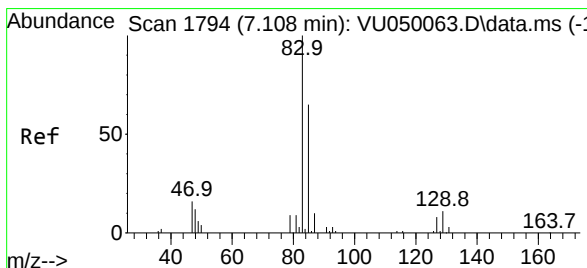
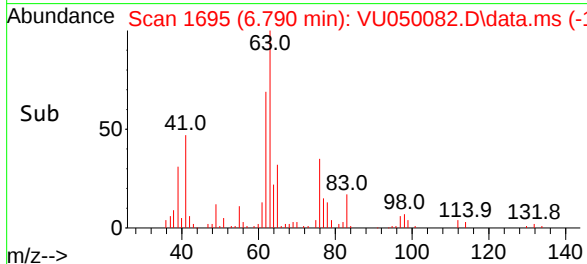
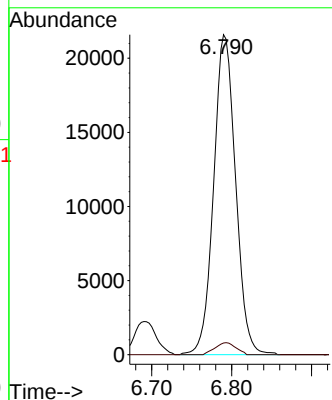
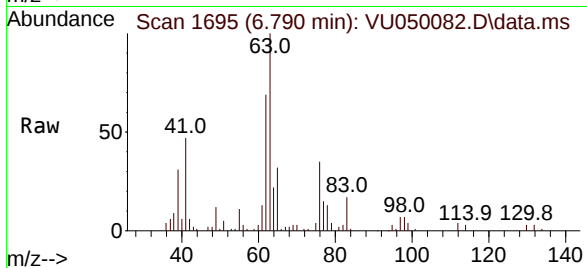
GBJG8MSD

Tgt Ion: 63 Resp: 41102

Ion Ratio Lower Upper

63 100

112 3.6 3.0 4.4



#38

Bromodichloromethane

Concen: 5.517 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VU050082.D

Acq: 04 Aug 2022 23:50

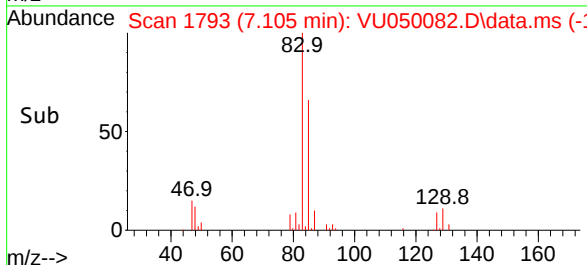
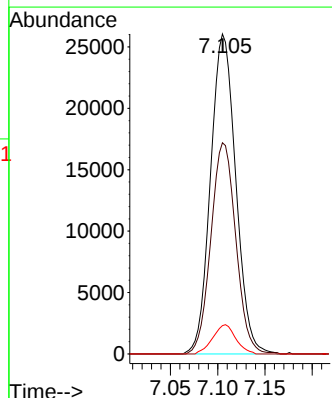
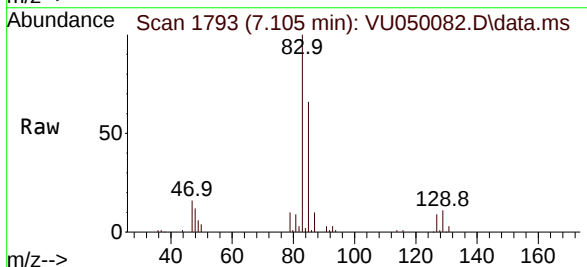
Tgt Ion: 83 Resp: 48333

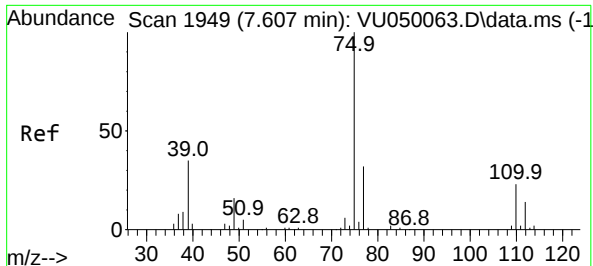
Ion Ratio Lower Upper

83 100

85 66.0 45.1 83.7

127 8.8 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 5.409 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU050082.D

Acq: 04 Aug 2022 23:50

Instrument :

MSVOA_U

ClientSampleId :

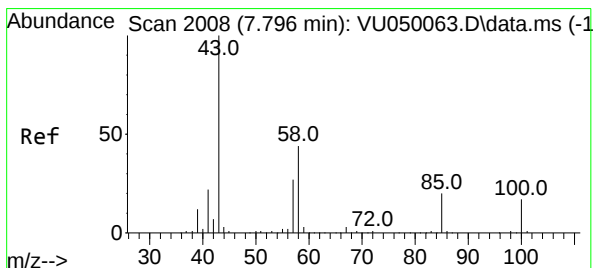
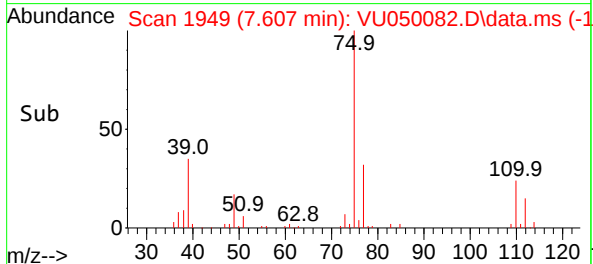
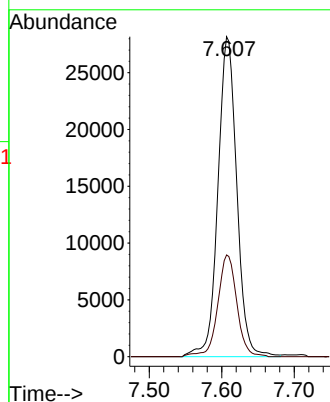
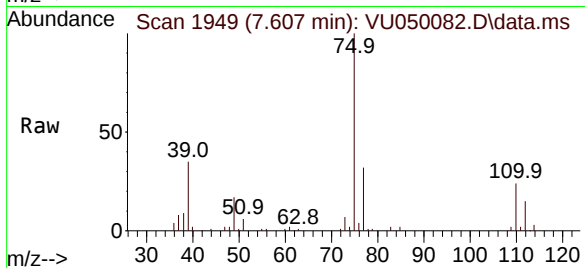
GBJG8MSD

Tgt Ion: 75 Resp: 50913

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 60.532 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU050082.D

Acq: 04 Aug 2022 23:50

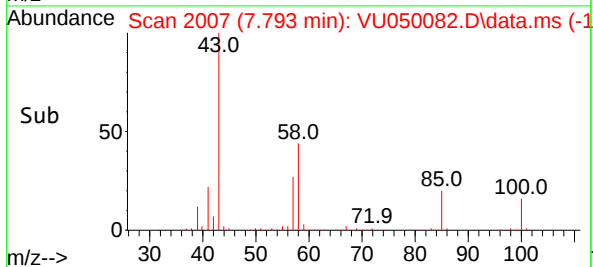
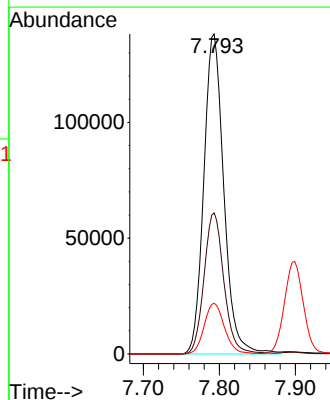
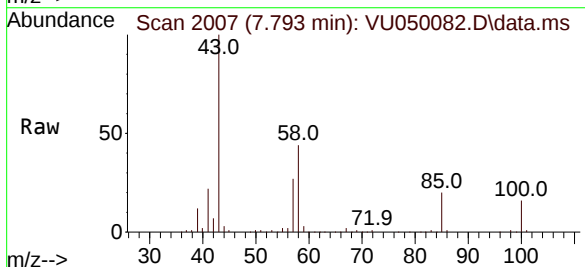
Tgt Ion: 43 Resp: 252867

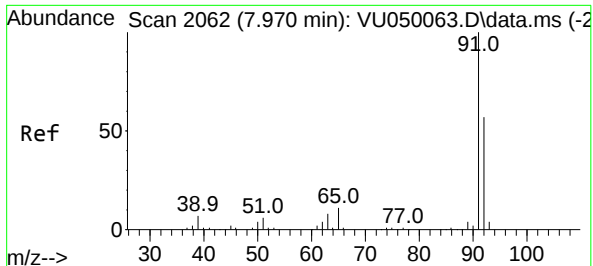
Ion Ratio Lower Upper

43 100

58 43.9 34.6 51.8

100 16.1 13.0 19.4





#42

Toluene

Concen: 5.770 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU050082.D

Acq: 04 Aug 2022 23:50

Instrument :

MSVOA_U

ClientSampleId :

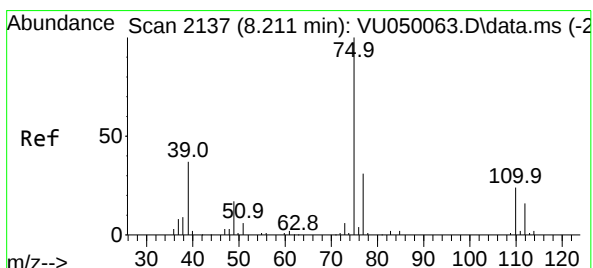
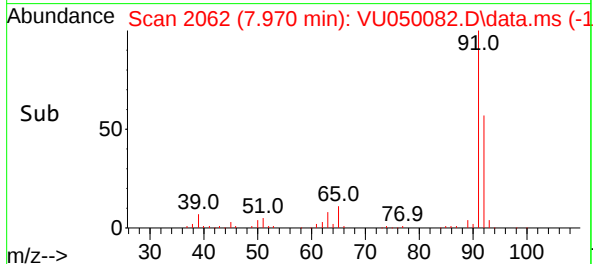
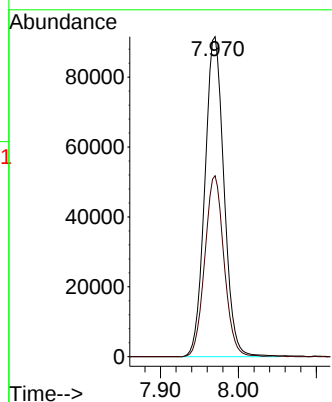
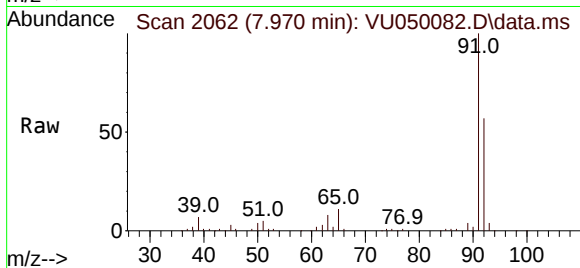
GBJG8MSD

Tgt Ion: 91 Resp: 156677

Ion Ratio Lower Upper

91 100

92 56.5 39.8 74.0



#44

trans-1,3-Dichloropropene

Concen: 5.366 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU050082.D

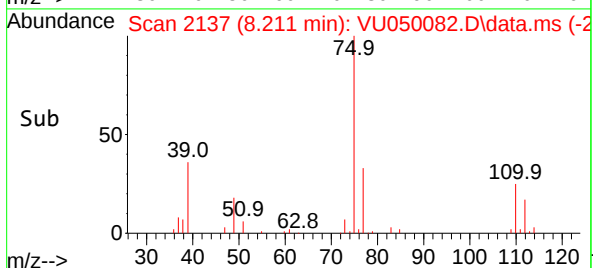
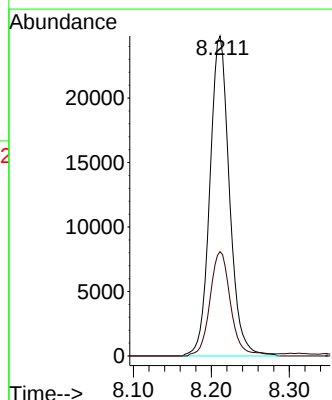
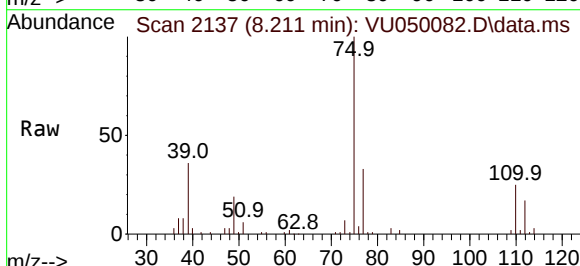
Acq: 04 Aug 2022 23:50

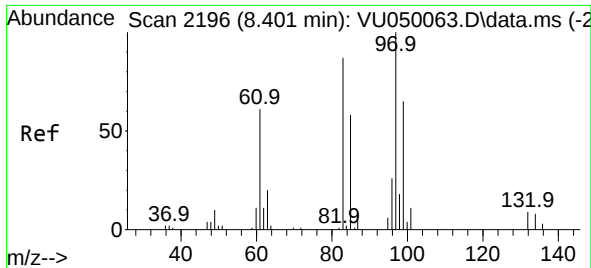
Tgt Ion: 75 Resp: 43318

Ion Ratio Lower Upper

75 100

77 32.6 22.0 40.8

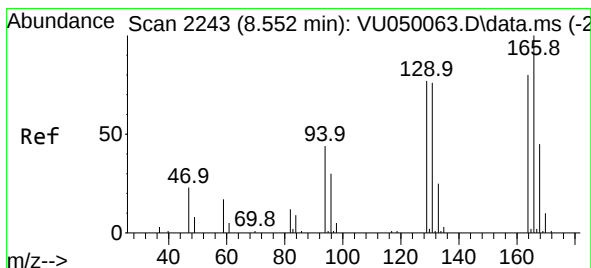
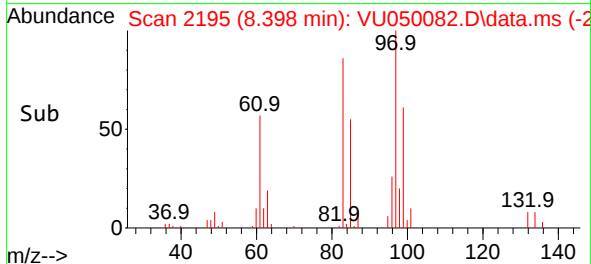
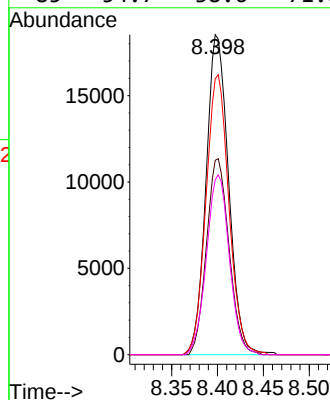
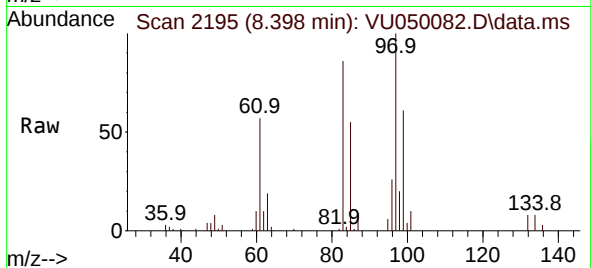




#45
1,1,2-Trichloroethane
Concen: 5.886 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VU050082.D
Acq: 04 Aug 2022 23:50

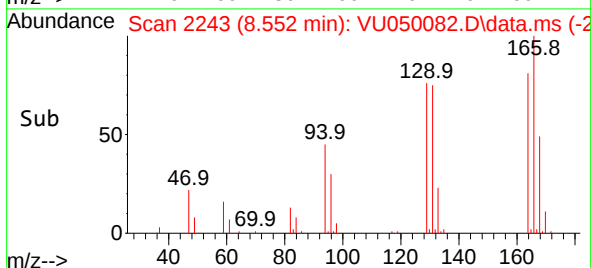
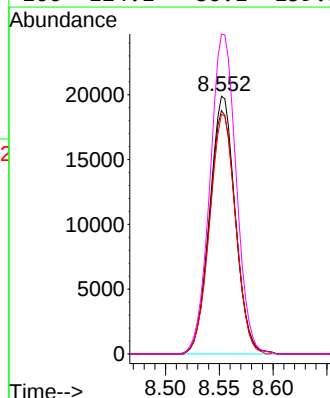
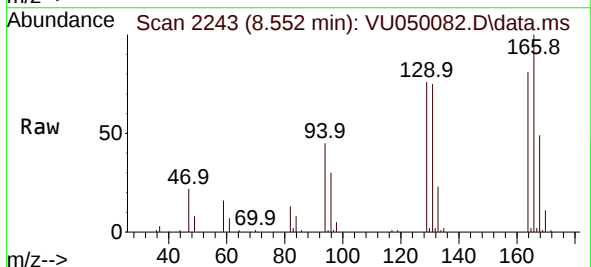
Instrument :
MSVOA_U
ClientSampleId :
GBJG8MSD

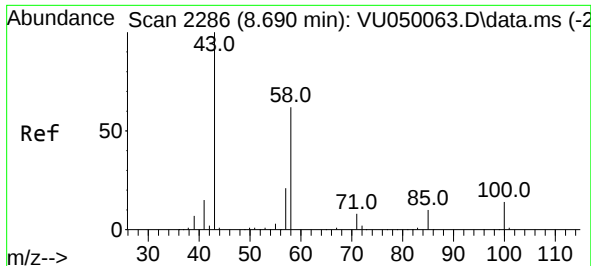
Tgt Ion:	97	Resp:	31731
Ion	Ratio	Lower	Upper
97	100		
99	60.7	42.2	78.4
83	86.2	59.6	110.6
85	54.7	38.6	71.8



#47
Tetrachloroethene
Concen: 7.023 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU050082.D
Acq: 04 Aug 2022 23:50

Tgt Ion:	164	Resp:	32951
Ion	Ratio	Lower	Upper
164	100		
129	94.4	69.0	128.1
131	92.9	65.8	122.2
166	124.1	86.1	159.9

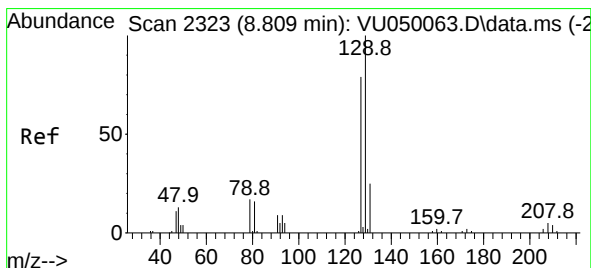
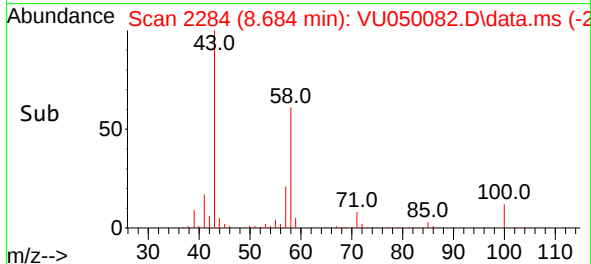
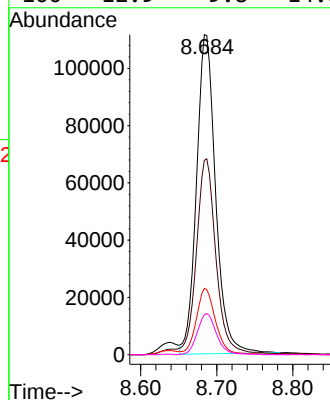
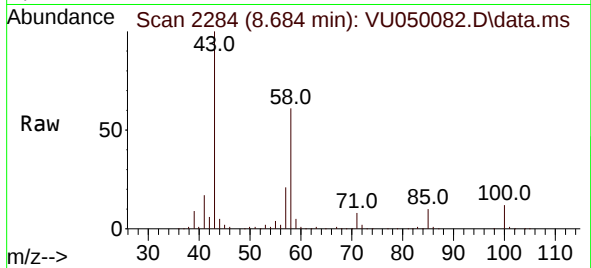




#48
2-Hexanone
Concen: 60.502 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.007 min
Lab File: VU050082.D
Acq: 04 Aug 2022 23:50

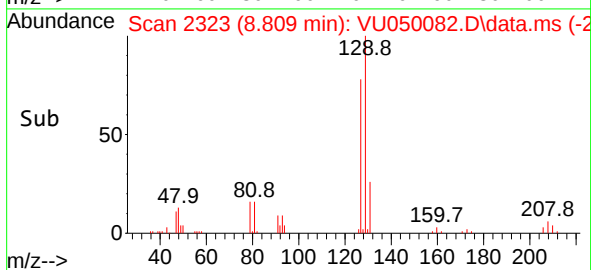
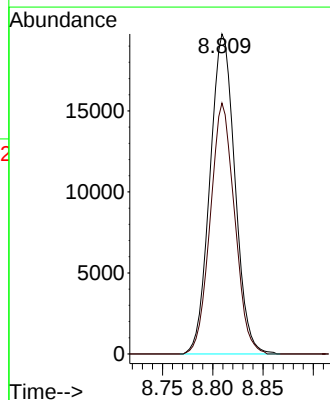
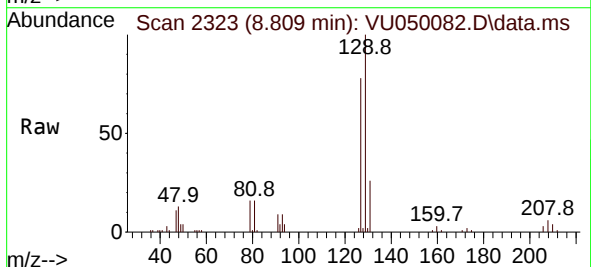
Instrument :
MSVOA_U
ClientSampleId :
GBJG8MSD

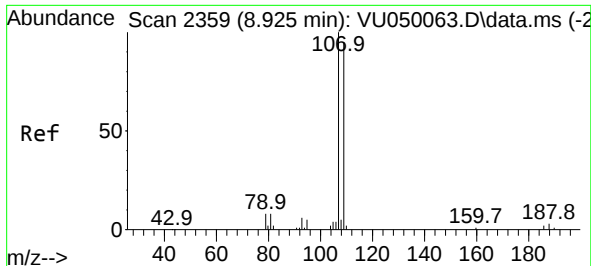
Tgt Ion:	43	Resp:	195482
Ion	Ratio	Lower	Upper
43	100		
58	64.6	50.6	76.0
57	20.8	16.0	24.0
100	12.9	9.8	14.8



#49
Dibromochloromethane
Concen: 5.722 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU050082.D
Acq: 04 Aug 2022 23:50

Tgt Ion:	129	Resp:	34142
Ion	Ratio	Lower	Upper
129	100		
127	78.4	55.3	102.7





#50

1,2-Dibromoethane

Concen: 5.903 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU050082.D

Acq: 04 Aug 2022 23:50

Instrument :

MSVOA_U

ClientSampleId :

GBJG8MSD

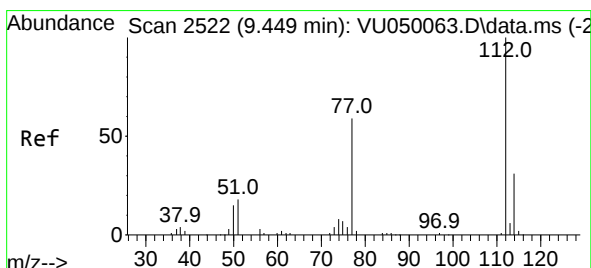
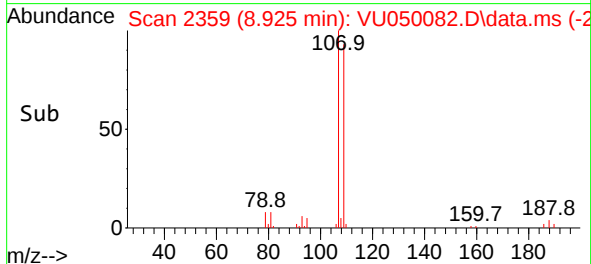
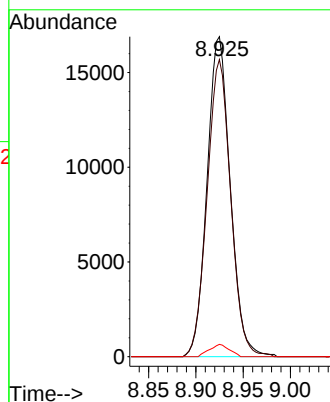
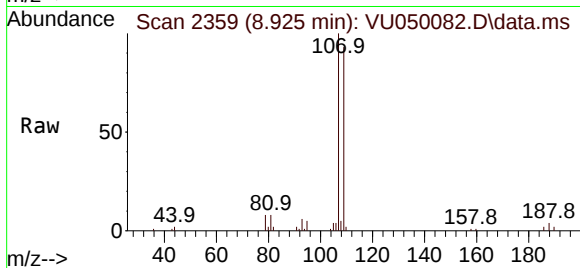
Tgt Ion:107 Resp: 28857

Ion Ratio Lower Upper

107 100

109 92.9 66.6 123.6

188 3.8 2.7 4.1



#51

Chlorobenzene

Concen: 5.483 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU050082.D

Acq: 04 Aug 2022 23:50

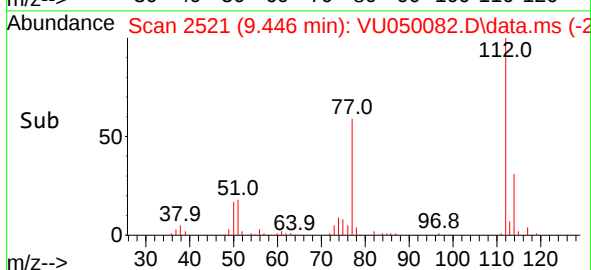
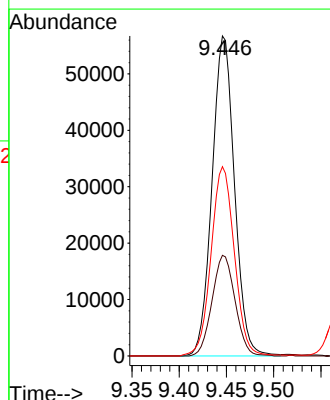
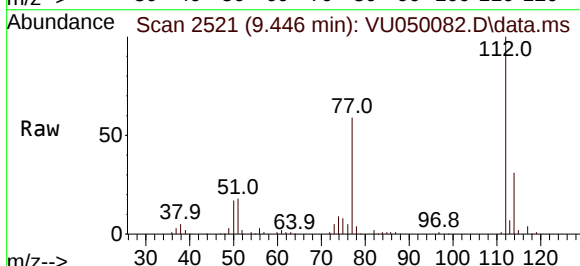
Tgt Ion:112 Resp: 93686

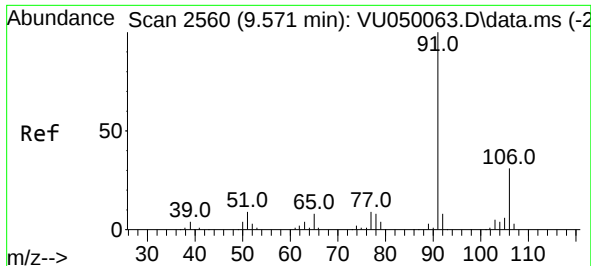
Ion Ratio Lower Upper

112 100

114 31.4 22.1 41.1

77 59.2 46.3 69.5





#52

Ethylbenzene

Concen: 5.502 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU050082.D

Acq: 04 Aug 2022 23:50

Instrument :

MSVOA_U

ClientSampleId :

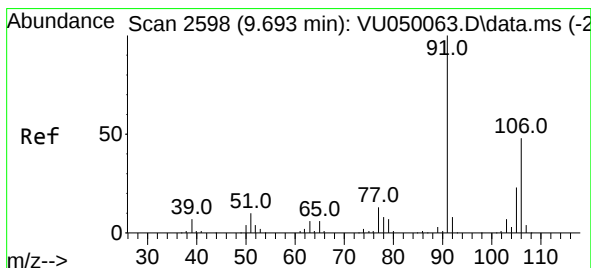
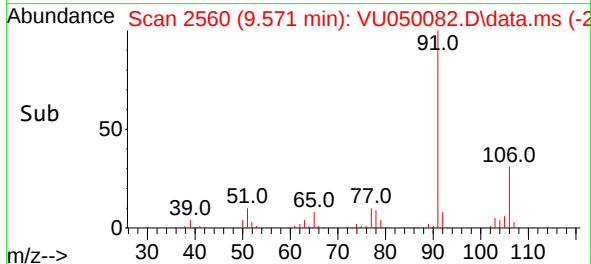
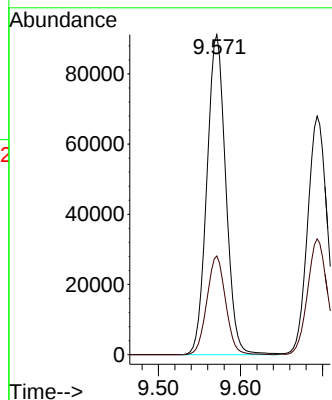
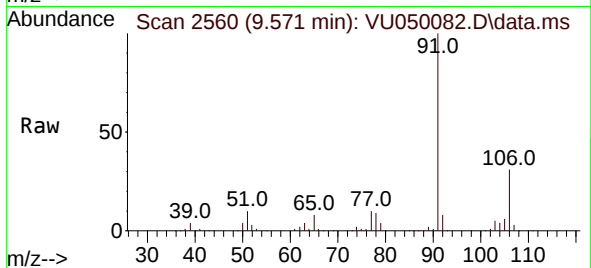
GBJG8MSD

Tgt Ion: 91 Resp: 145807

Ion Ratio Lower Upper

91 100

106 30.9 21.3 39.5



#53

m,p-Xylene

Concen: 5.747 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU050082.D

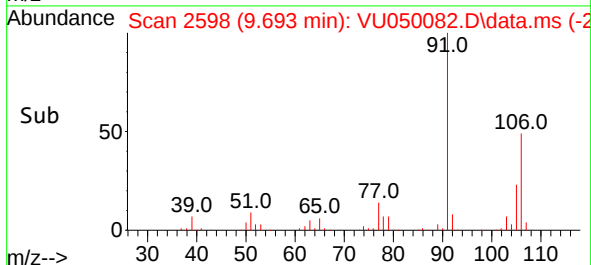
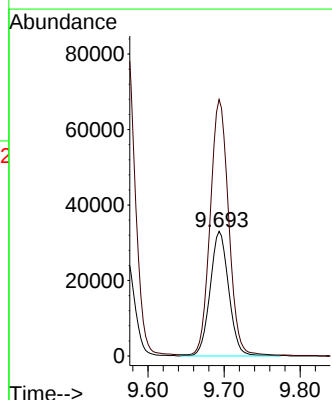
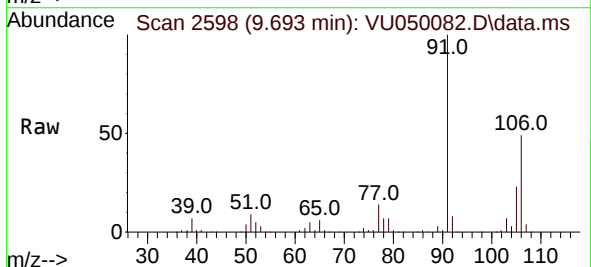
Acq: 04 Aug 2022 23:50

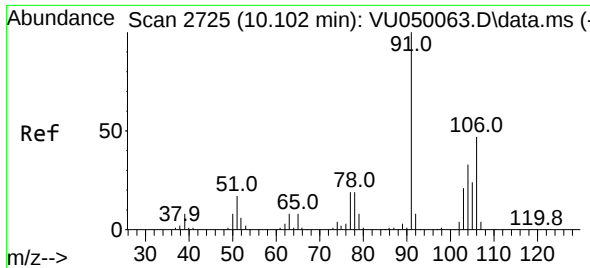
Tgt Ion: 106 Resp: 56085

Ion Ratio Lower Upper

106 100

91 205.9 143.1 265.9

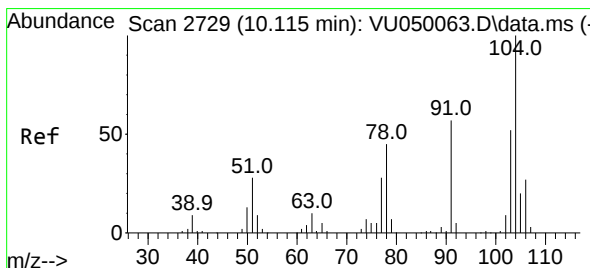
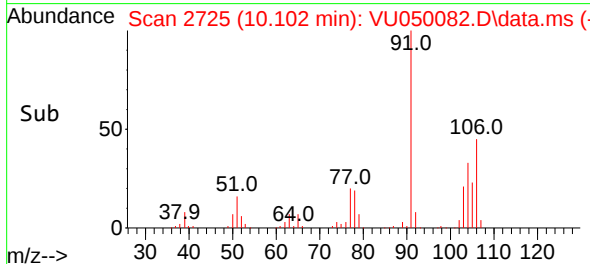
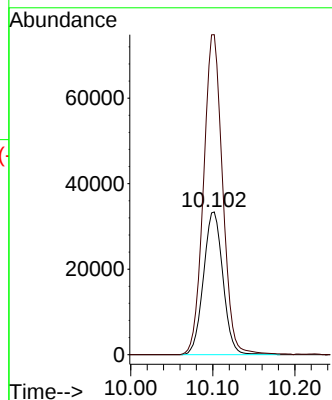
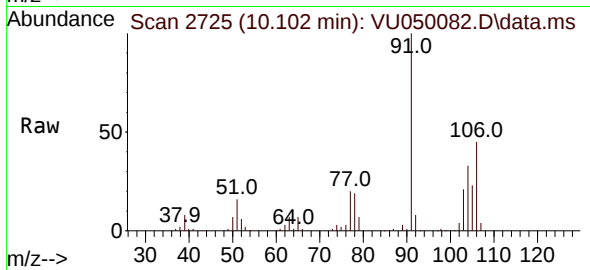




#54
o-Xylene
Concen: 5.656 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU050082.D
Acq: 04 Aug 2022 23:50

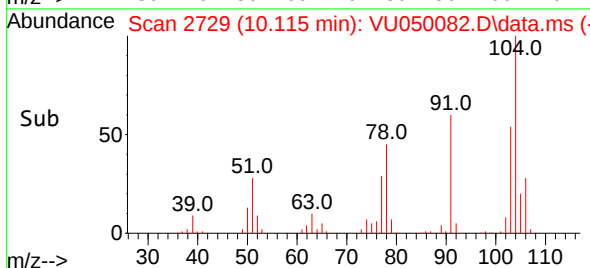
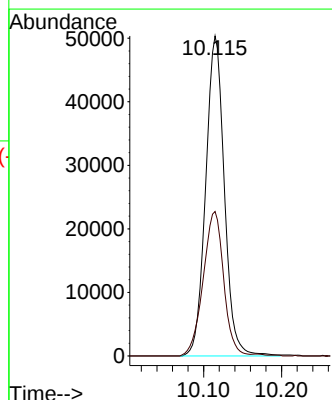
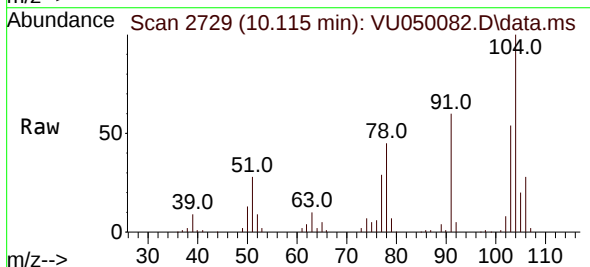
Instrument :
MSVOA_U
ClientSampleId :
GBJG8MSD

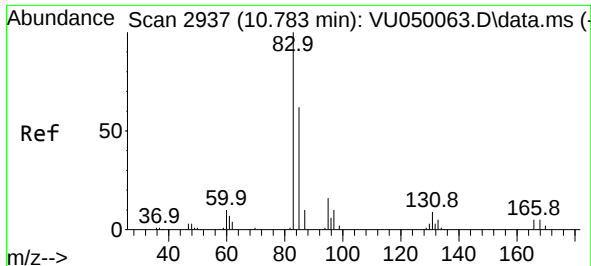
Tgt Ion:106 Resp: 55098
Ion Ratio Lower Upper
106 100
91 224.3 149.4 277.4



#55
Styrene
Concen: 5.146 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU050082.D
Acq: 04 Aug 2022 23:50

Tgt Ion:104 Resp: 83748
Ion Ratio Lower Upper
104 100
78 45.1 31.9 59.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.954 ug/L

RT: 10.780 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU050082.D

Acq: 04 Aug 2022 23:50

Instrument :

MSVOA_U

ClientSampleId :

GBJG8MSD

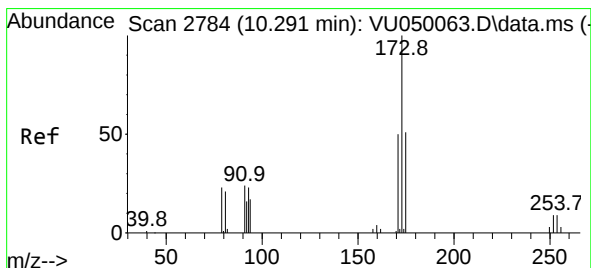
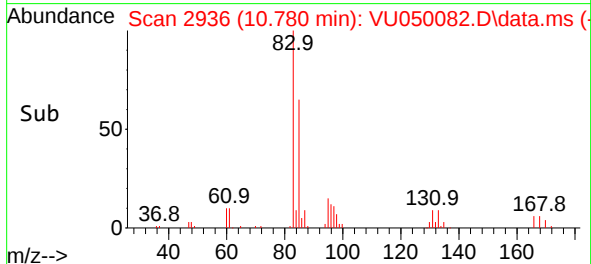
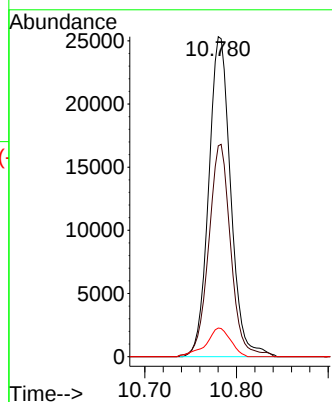
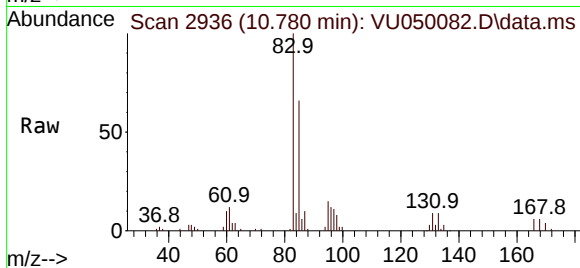
Tgt Ion: 83 Resp: 42182

Ion Ratio Lower Upper

83 100

85 65.9 45.2 84.0

131 9.0 6.6 9.8



#59

Bromoform

Concen: 5.528 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU050082.D

Acq: 04 Aug 2022 23:50

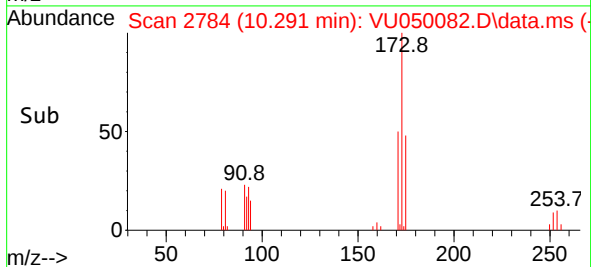
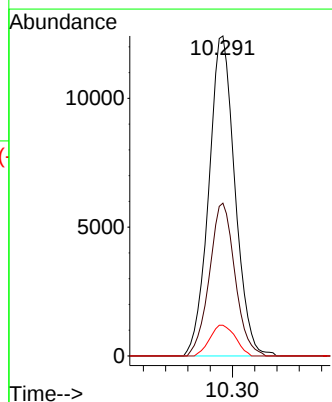
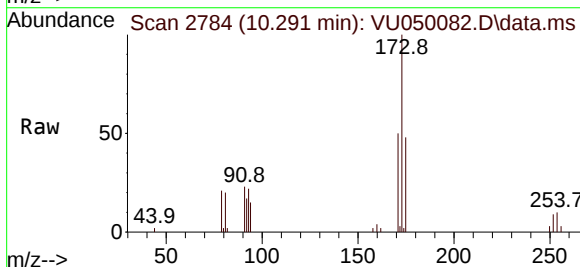
Tgt Ion: 173 Resp: 20175

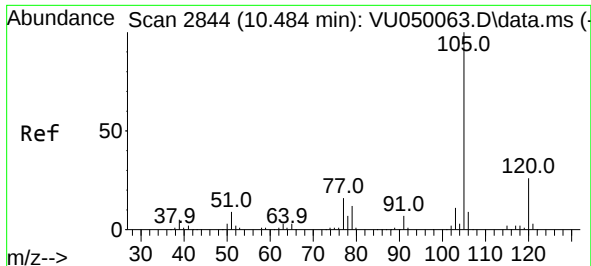
Ion Ratio Lower Upper

173 100

175 46.7 37.0 55.6

254 9.4 7.4 11.0

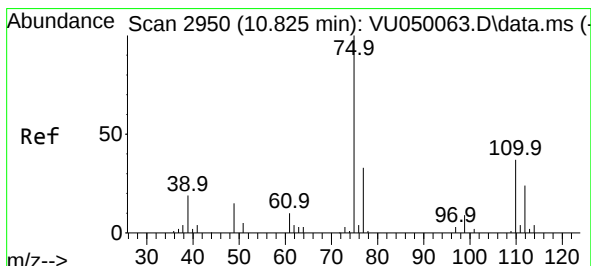
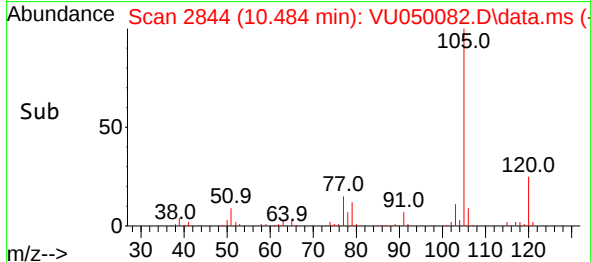
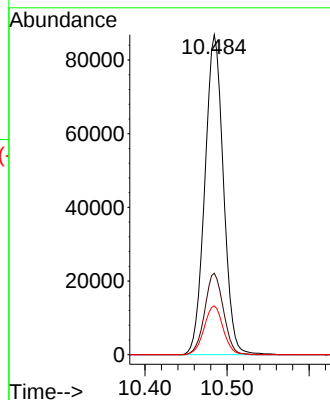
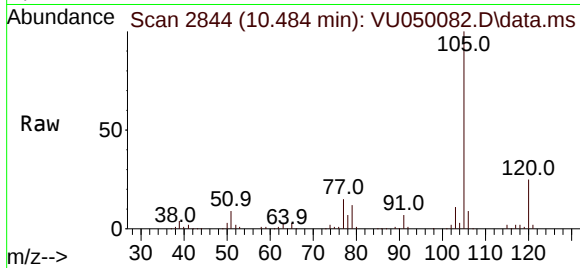




#60
Isopropylbenzene
Concen: 5.627 ug/L
RT: 10.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050082.D
Acq: 04 Aug 2022 23:50

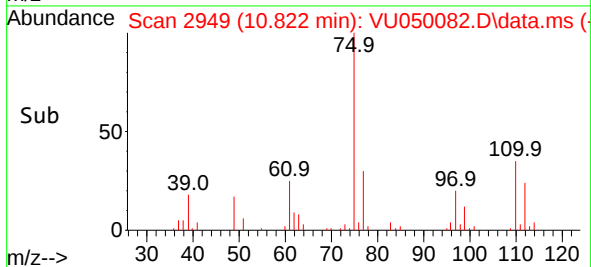
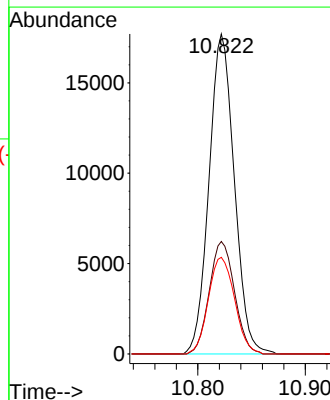
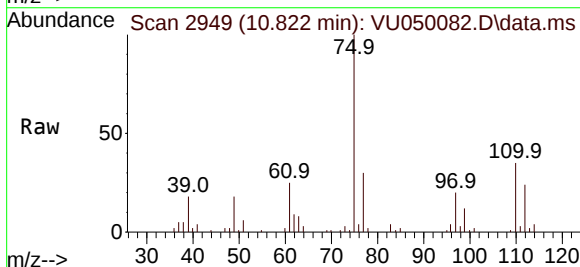
Instrument :
MSVOA_U
ClientSampleId :
GBJG8MSD

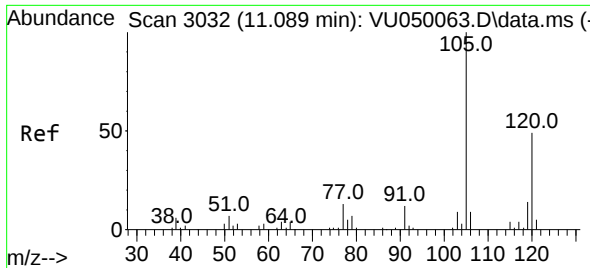
Tgt Ion:105 Resp: 136750
Ion Ratio Lower Upper
105 100
120 25.6 20.8 31.2
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.837 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU050082.D
Acq: 04 Aug 2022 23:50

Tgt Ion: 75 Resp: 28938
Ion Ratio Lower Upper
75 100
110 35.1 28.5 42.7
77 31.3 25.8 38.6

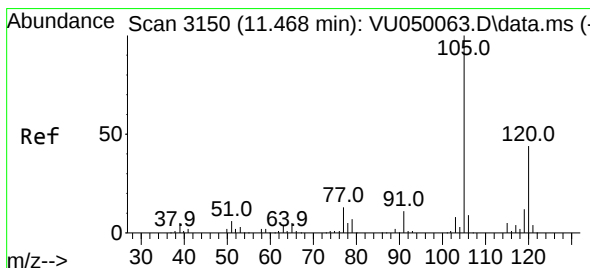
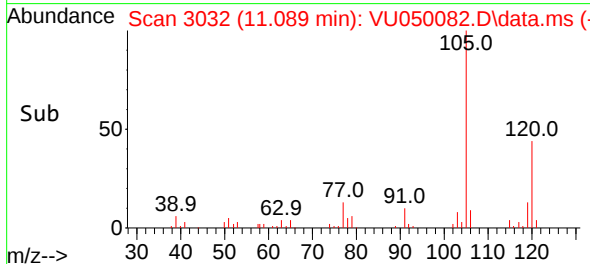
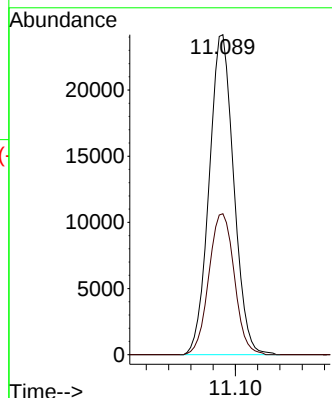
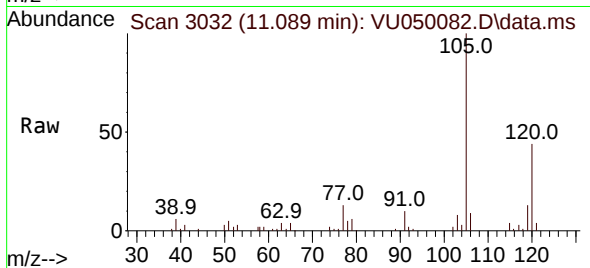




#62
1,3,5-Trimethylbenzene
Concen: 5.411 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU050082.D
Acq: 04 Aug 2022 23:50

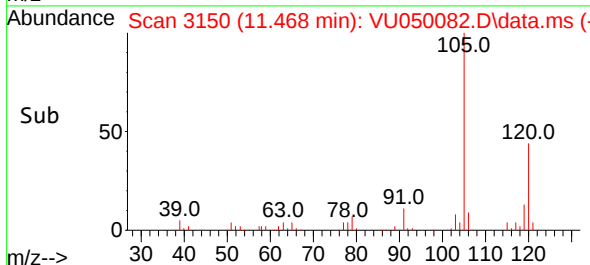
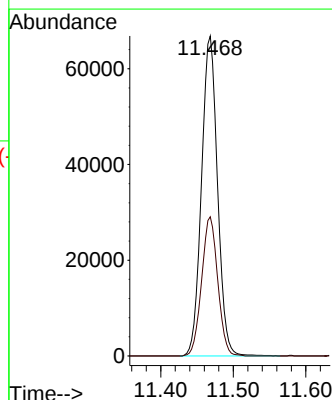
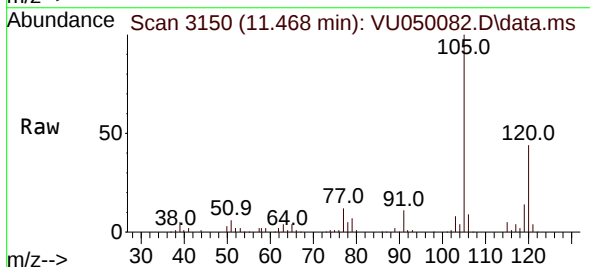
Instrument :
MSVOA_U
ClientSampleId :
GBJG8MSD

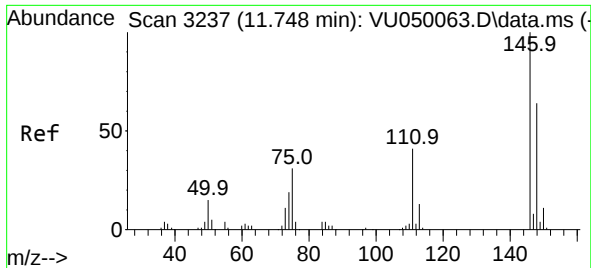
Tgt Ion:105 Resp: 37153
Ion Ratio Lower Upper
105 100
120 45.6 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 5.477 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU050082.D
Acq: 04 Aug 2022 23:50

Tgt Ion:105 Resp: 102468
Ion Ratio Lower Upper
105 100
120 43.7 35.9 53.9

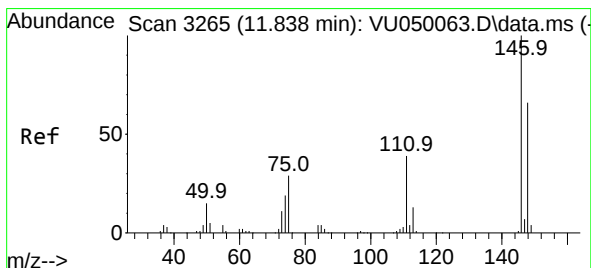
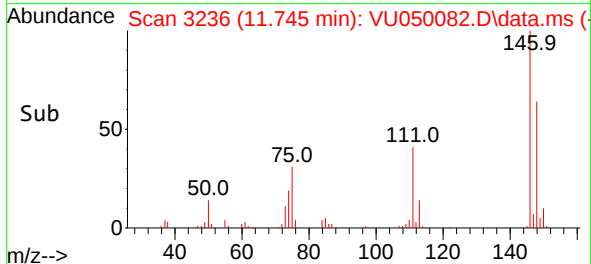
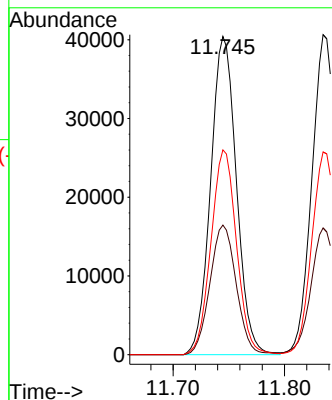
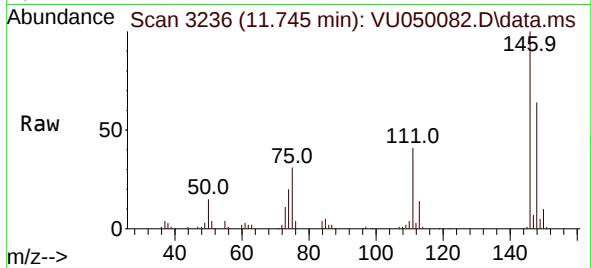




#64
1,3-Dichlorobenzene
Concen: 5.294 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050082.D
Acq: 04 Aug 2022 23:50

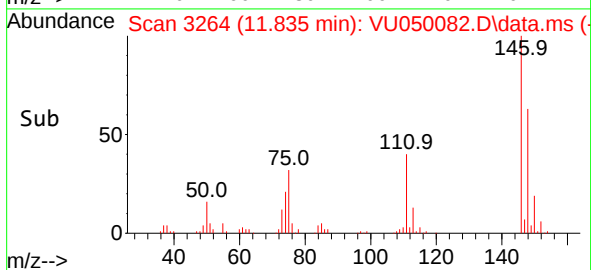
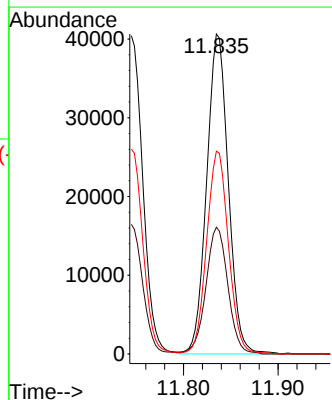
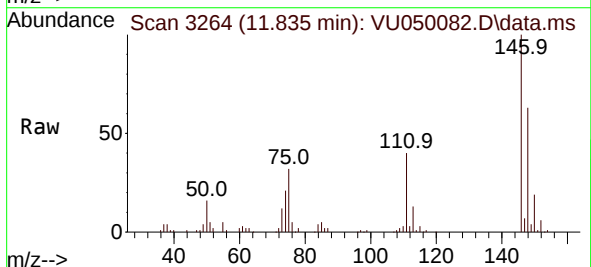
Instrument :
MSVOA_U
ClientSampleId :
GBJG8MSD

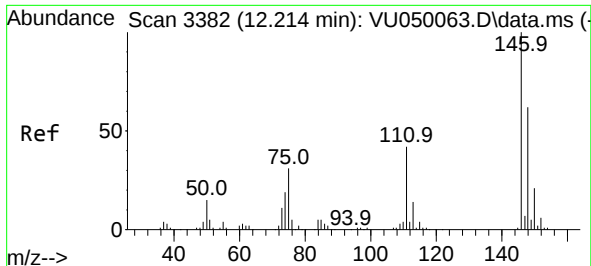
Tgt Ion:146 Resp: 64856
Ion Ratio Lower Upper
146 100
111 40.7 29.9 55.5
148 64.4 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 5.422 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU050082.D
Acq: 04 Aug 2022 23:50

Tgt Ion:146 Resp: 64624
Ion Ratio Lower Upper
146 100
111 39.6 28.1 52.1
148 63.3 44.6 82.8

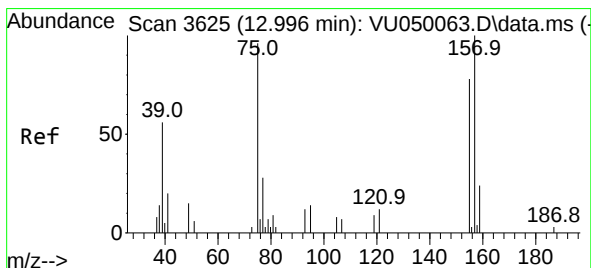
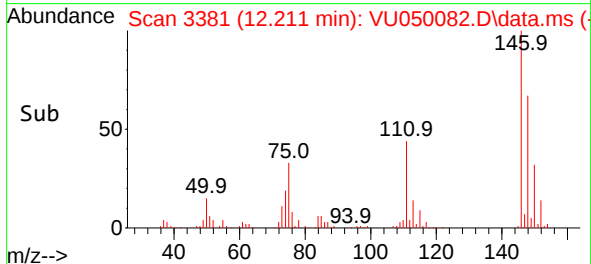
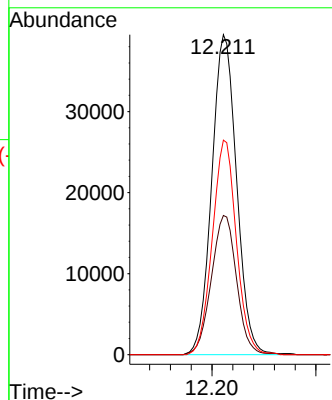
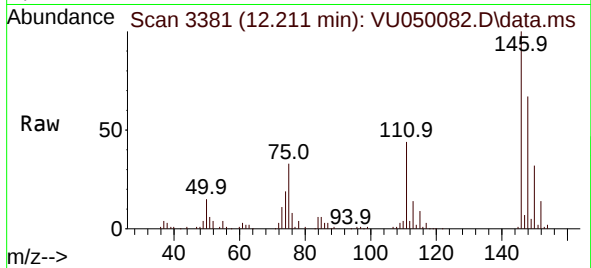




#67
1,2-Dichlorobenzene
Concen: 5.518 ug/L
RT: 12.211 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU050082.D
Acq: 04 Aug 2022 23:50

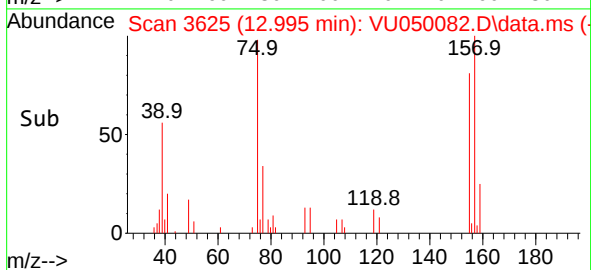
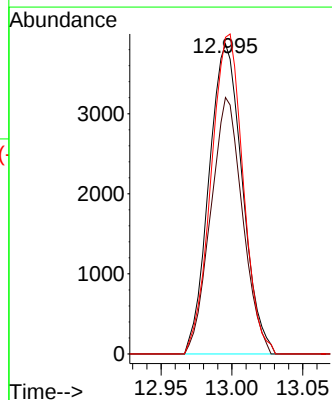
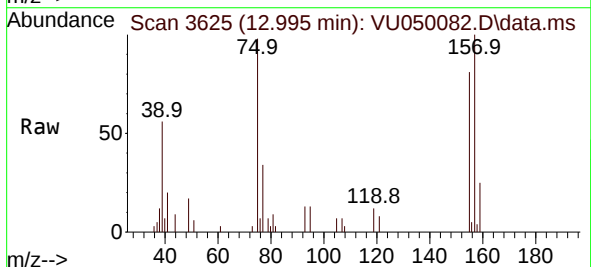
Instrument :
MSVOA_U
ClientSampleId :
GBJG8MSD

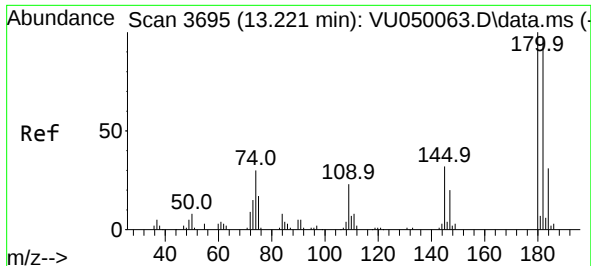
Tgt Ion:146 Resp: 65461
Ion Ratio Lower Upper
146 100
111 43.5 32.9 49.3
148 67.1 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 6.524 ug/L
RT: 12.995 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU050082.D
Acq: 04 Aug 2022 23:50

Tgt Ion: 75 Resp: 6342
Ion Ratio Lower Upper
75 100
155 82.7 63.5 95.3
157 102.1 85.0 127.6





#69

1,3,5-Trichlorobenzene

Concen: 5.134 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. -0.003 min

Lab File: VU050082.D

Acq: 04 Aug 2022 23:50

Instrument :

MSVOA_U

ClientSampleId :

GBJG8MSD

Tgt Ion:180 Resp: 44805

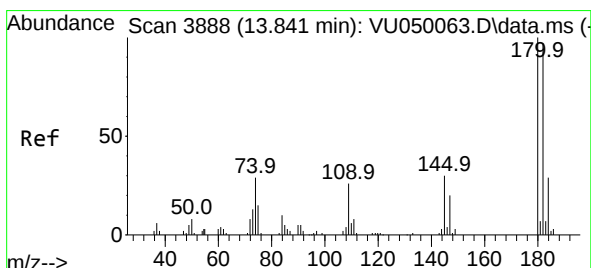
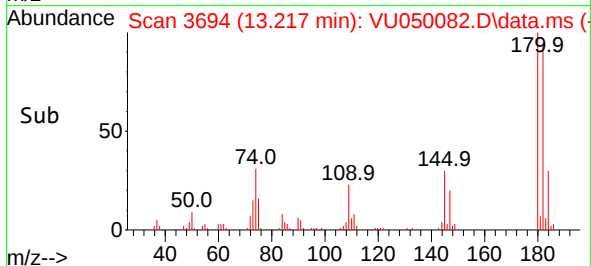
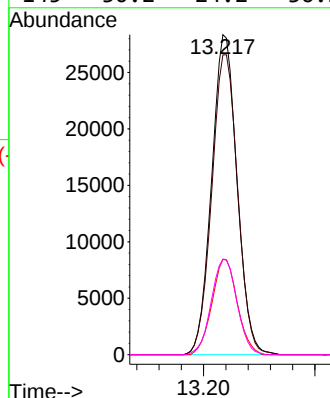
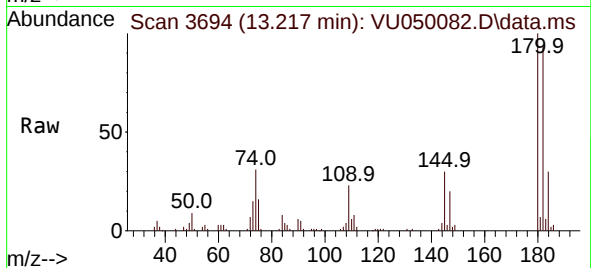
Ion Ratio Lower Upper

180 100

182 95.6 77.3 115.9

184 29.7 24.1 36.1

145 30.2 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 5.481 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU050082.D

Acq: 04 Aug 2022 23:50

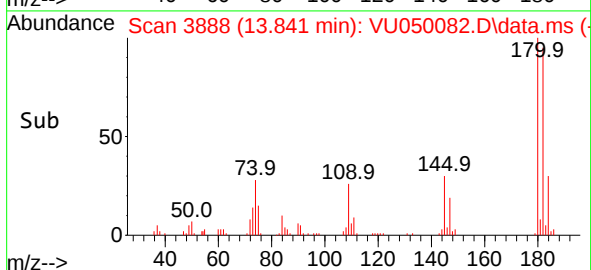
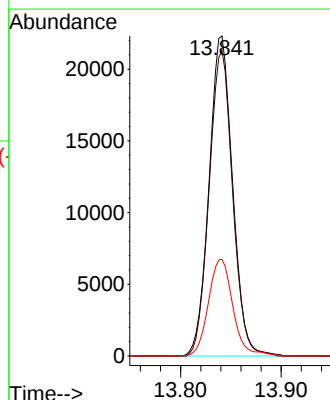
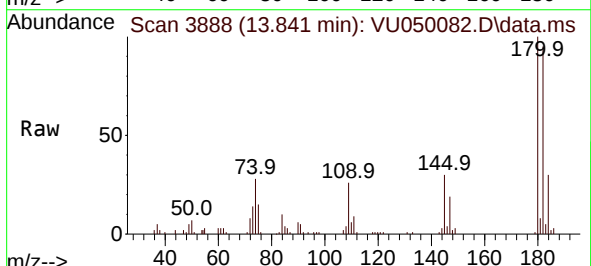
Tgt Ion:180 Resp: 36240

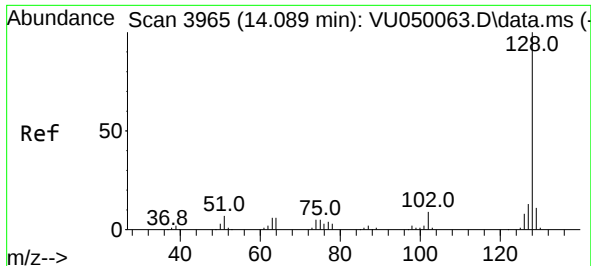
Ion Ratio Lower Upper

180 100

182 95.5 76.9 115.3

145 31.4 24.2 36.4

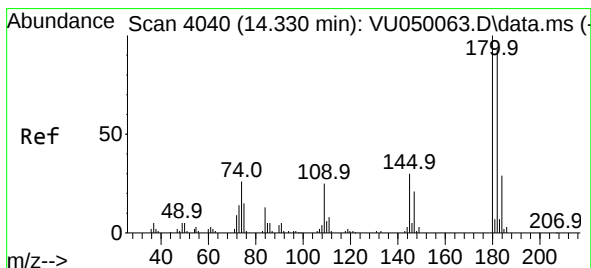
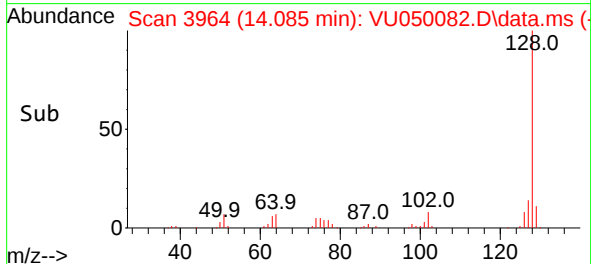
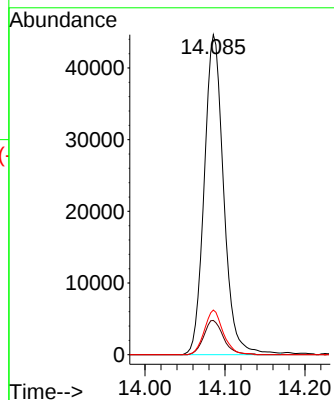
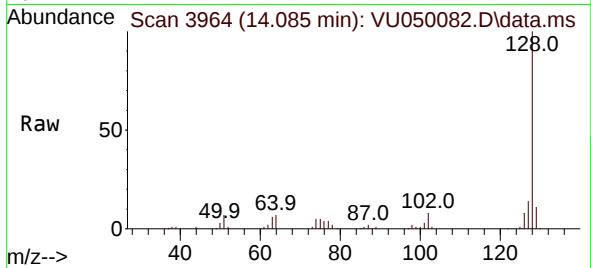




#71
Naphthalene
Concen: 5.562 ug/L
RT: 14.085 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU050082.D
Acq: 04 Aug 2022 23:50

Instrument :
MSVOA_U
ClientSampleId :
GBJG8MSD

Tgt Ion:128 Resp: 75414
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.5 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.612 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU050082.D
Acq: 04 Aug 2022 23:50

Tgt Ion:180 Resp: 37613
Ion Ratio Lower Upper
180 100
182 96.7 77.5 116.3
145 34.5 25.8 38.6

