

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111722\
 Data File : VU051890.D
 Acq On : 17 Nov 2022 12:40
 Operator : JC/MD
 Sample : MDL06
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

Quant Time: Nov 18 01:15:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 18 00:53:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	465160	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	465366	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	191242	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	97776	42.816	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.640%		
7) Chloroethane-d5	1.903	69	104727	45.772	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.540%		
11) 1,1-Dichloroethene-d2	2.562	63	125701	30.696	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.400%		
21) 2-Butanone-d5	4.616	46	246533	94.940	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.940%		
24) Chloroform-d	5.060	84	262435	45.844	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.680%		
26) 1,2-Dichloroethane-d4	5.697	65	166249	47.442	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.880%		
32) Benzene-d6	5.722	84	467866	48.218	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.440%		
36) 1,2-Dichloropropane-d6	6.687	67	177272	49.082	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.160%		
41) Toluene-d8	7.896	98	353983	44.446	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.900%		
43) trans-1,3-Dichloroprop...	8.176	79	64388	44.757	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.520%		
47) 2-Hexanone-d5	8.629	63	167735	91.379	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.380%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	322002	45.808	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.620%		
66) 1,2-Dichlorobenzene-d4	12.192	152	175518	52.152	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.300%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	6427	2.250	ug/L	93
3) Chloromethane	1.523	50	9846	2.596	ug/L	100
5) Vinyl chloride	1.604	62	9173	2.332	ug/L #	17
6) Bromomethane	1.838	94	4128	2.422	ug/L	94
8) Chloroethane	1.925	64	5688	2.224	ug/L	89
9) Trichlorofluoromethane	2.134	101	11355	2.411	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	7898	2.661	ug/L	96
12) 1,1-Dichloroethene	2.575	96	7603	2.743	ug/L #	1
13) Acetone	2.623	43	11587	4.171	ug/L	71
14) Carbon disulfide	2.790	76	18341	2.388	ug/L	99
15) Methyl Acetate	2.948	43	8140	2.149	ug/L	96
16) Methylene chloride	3.044	84	13297	3.005	ug/L	94
17) trans-1,2-Dichloroethene	3.353	96	6941	2.323	ug/L	86
18) Methyl tert-butyl Ether	3.359	73	19920	2.154	ug/L	99
19) 1,1-Dichloroethane	3.867	63	13916	2.289	ug/L	97
20) cis-1,2-Dichloroethene	4.661	96	8110	2.326	ug/L	94
22) 2-Butanone	4.713	43	10776	3.434	ug/L	99
23) Bromochloromethane	4.973	128	4410	2.292	ug/L	93
25) Chloroform	5.086	83	16009	2.523	ug/L	92

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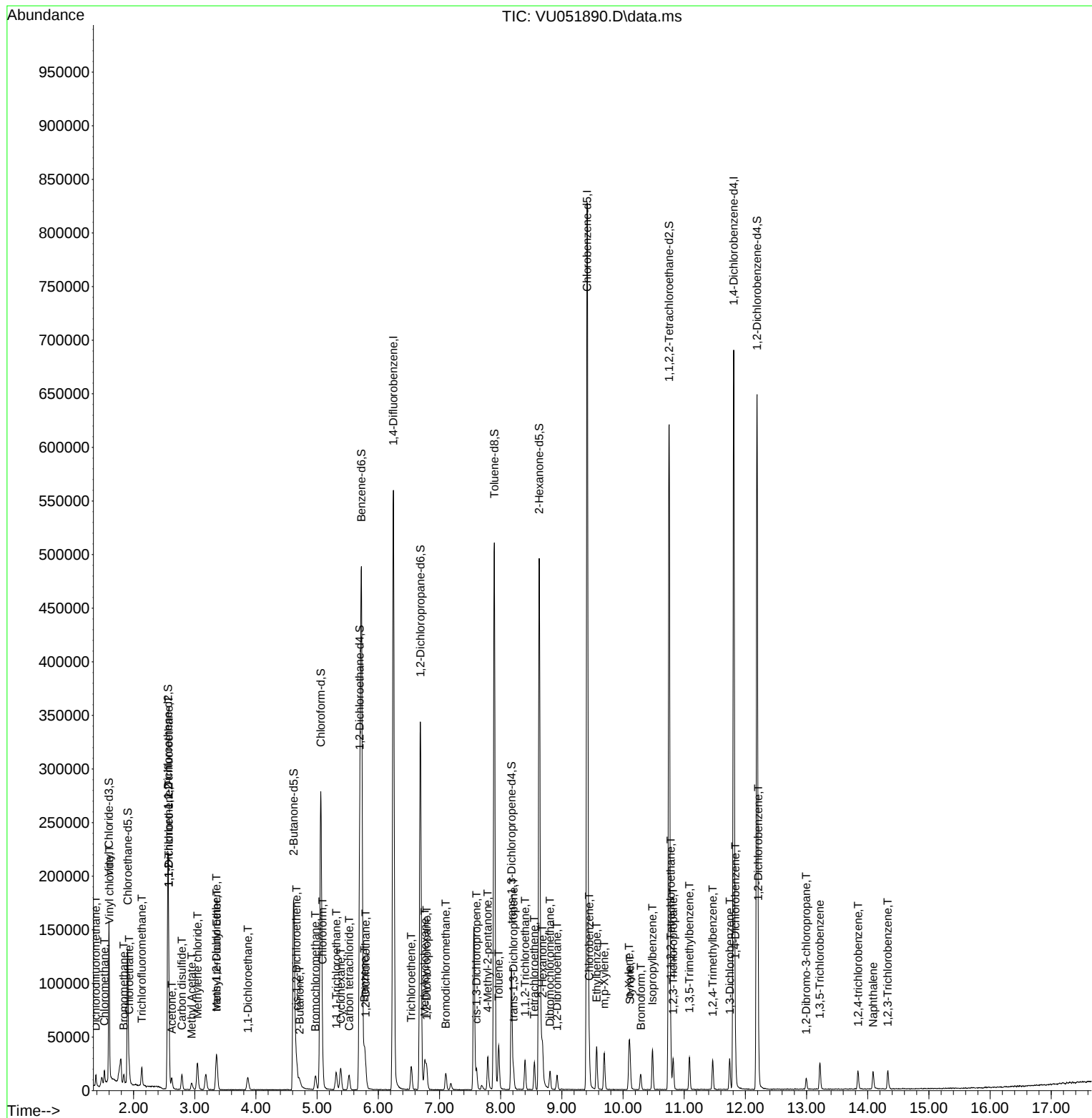
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	10120	2.159	ug/L	97
29) Cyclohexane	5.385	56	8836	2.225	ug/L	95
30) 1,1,1-Trichloroethane	5.314	97	11091	2.357	ug/L	98
31) Carbon tetrachloride	5.523	117	9766	2.483	ug/L	97
33) Benzene	5.774	78	31893	2.383	ug/L	100
34) Trichloroethene	6.536	95	7192	2.268	ug/L	94
35) Methylcyclohexane	6.758	83	9467	2.202	ug/L	98
37) 1,2-Dichloropropane	6.790	63	8605	2.270	ug/L	99
38) Bromodichloromethane	7.102	83	10673	2.251	ug/L #	97
39) cis-1,3-Dichloropropene	7.607	75	11051	2.229	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	19048	3.816	ug/L	96
42) Toluene	7.967	91	30210	2.194	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	10366	2.182	ug/L	95
45) 1,1,2-Trichloroethane	8.401	97	8470	2.199	ug/L	96
46) Tetrachloroethene	8.549	164	5443	2.149	ug/L	94
48) 2-Hexanone	8.684	43	20741	4.838	ug/L	98
49) Dibromochloromethane	8.806	129	8838	2.225	ug/L	91
50) 1,2-Dibromoethane	8.922	107	8509	2.194	ug/L	98
51) Chlorobenzene	9.446	112	21057	2.238	ug/L	97
52) Ethylbenzene	9.568	91	27628	1.961	ug/L	98
53) m,p-Xylene	9.693	106	9902	1.815	ug/L	86
54) o-Xylene	10.098	106	9331	1.681	ug/L	92
55) Styrene	10.115	104	15034	1.570	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	16684	2.292	ug/L	97
59) Bromoform	10.291	173	6683	2.577	ug/L	97
60) 1,2,3-Trichloropropane	10.819	75	11984	2.620	ug/L	98
61) Isopropylbenzene	10.481	105	22718	2.033	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	16746	1.839	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	15594	1.752	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	12300	2.171	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	13972	2.435	ug/L	92
67) 1,2-Dichlorobenzene	12.211	146	14928	2.478	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.992	75	3064	2.616	ug/L	86
69) 1,3,5-Trichlorobenzene	13.217	180	9192	2.446	ug/L	91
70) 1,2,4-trichlorobenzene	13.841	180	6482	2.176	ug/L	98
71) Naphthalene	14.089	128	15203	1.552	ug/L #	96
72) 1,2,3-Trichlorobenzene	14.327	180	6116	1.876	ug/L	98

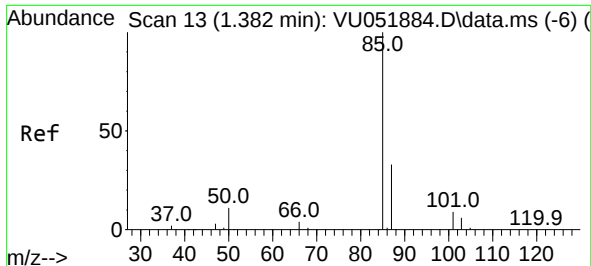
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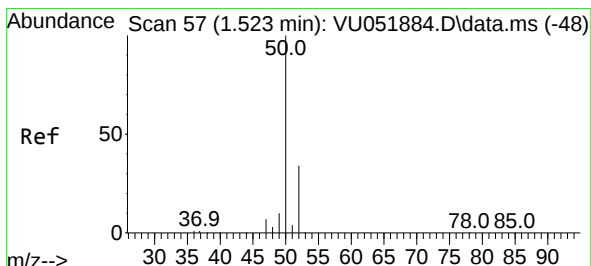
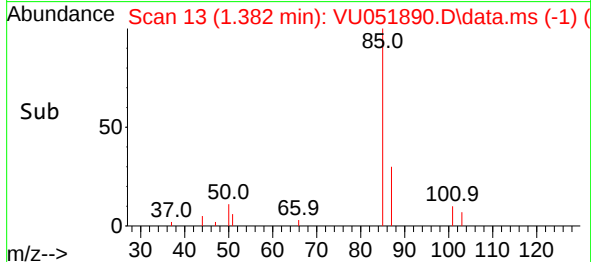
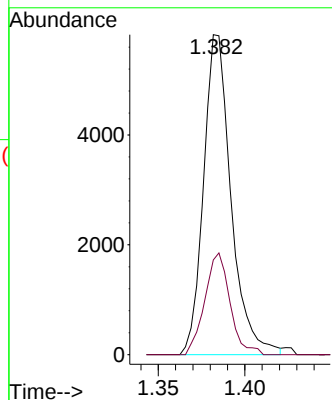
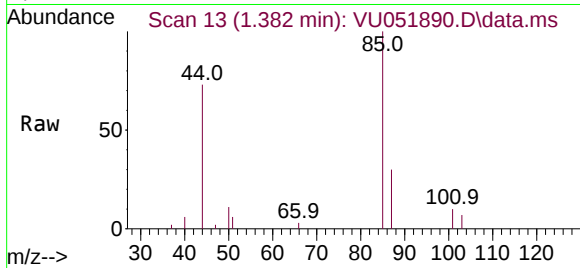




#2
Dichlorodifluoromethane
Concen: 2.250 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

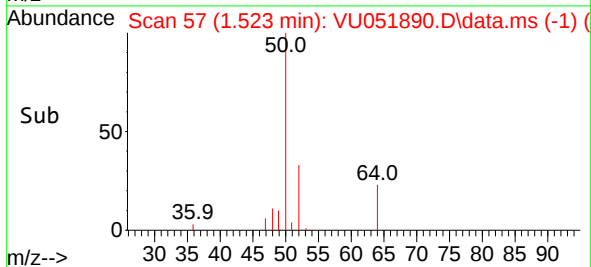
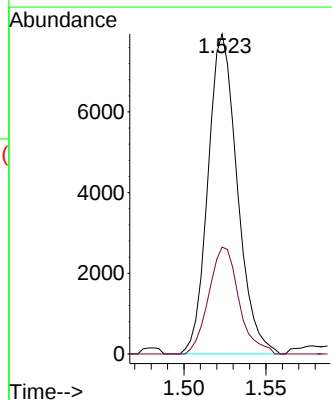
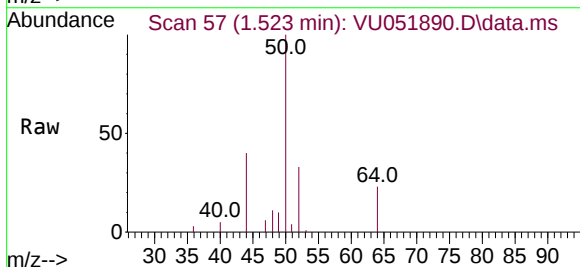
Instrument :
MSVOA_U
ClientSampleId :
MDL06

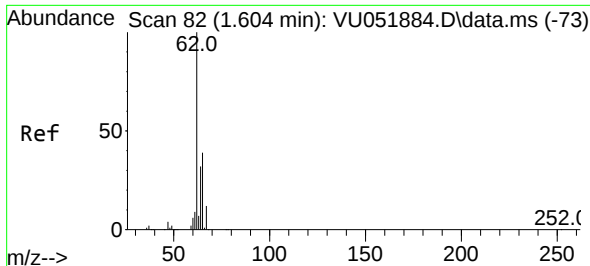
Tgt Ion: 85 Resp: 6427
Ion Ratio Lower Upper
85 100
87 28.7 26.0 39.0



#3
Chloromethane
Concen: 2.596 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

Tgt Ion: 50 Resp: 9846
Ion Ratio Lower Upper
50 100
52 33.4 23.4 43.6

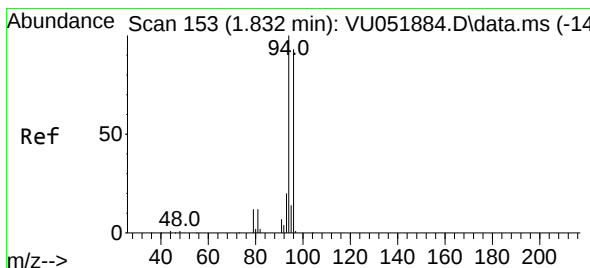
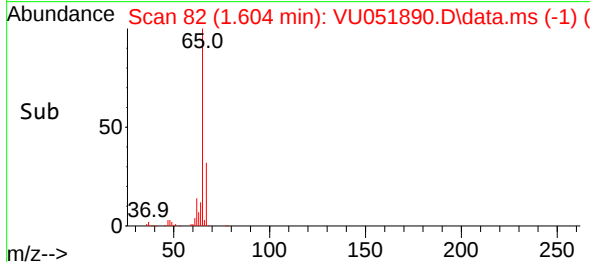
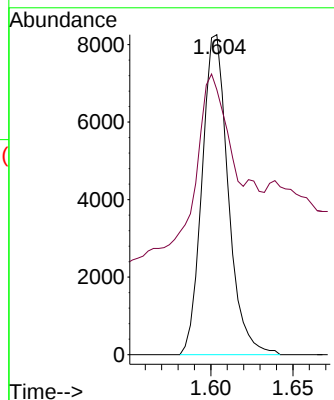
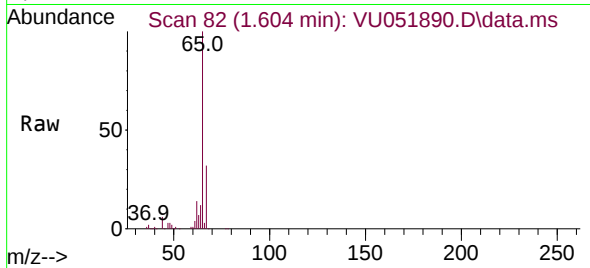




#5
 Vinyl chloride
 Concen: 2.332 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051890.D
 Acq: 17 Nov 2022 12:40

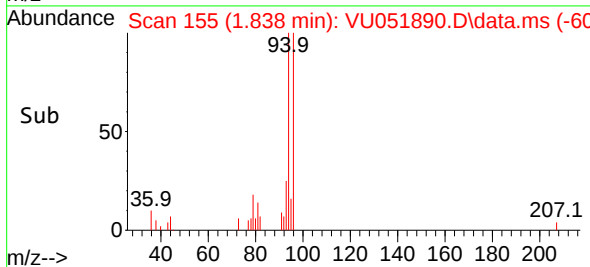
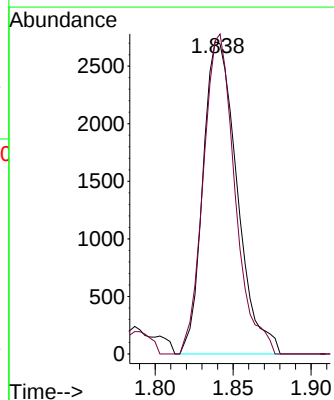
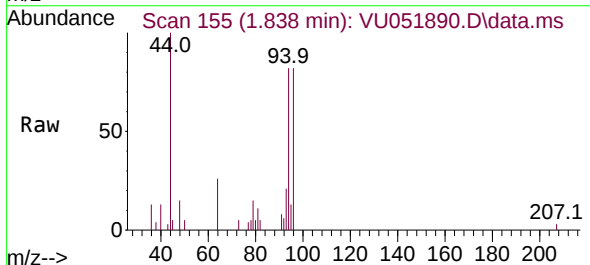
Instrument :
 MSVOA_U
 ClientSampleId :
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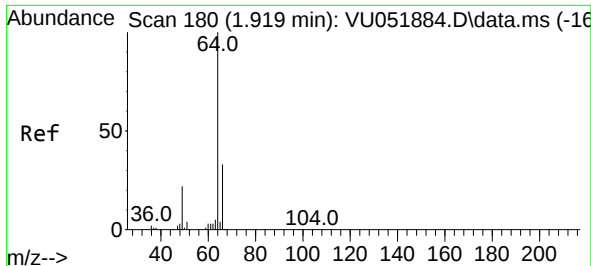
Tgt Ion: 62 Resp: 9173
 Ion Ratio Lower Upper
 62 100
 64 82.8 24.3 45.1#



#6
 Bromomethane
 Concen: 2.422 ug/L
 RT: 1.838 min Scan# 155
 Delta R.T. 0.006 min
 Lab File: VU051890.D
 Acq: 17 Nov 2022 12:40

Tgt Ion: 94 Resp: 4128
 Ion Ratio Lower Upper
 94 100
 96 100.3 66.1 122.7

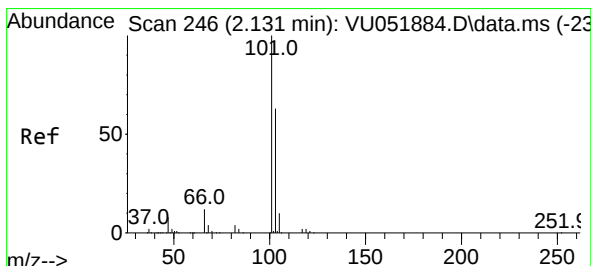
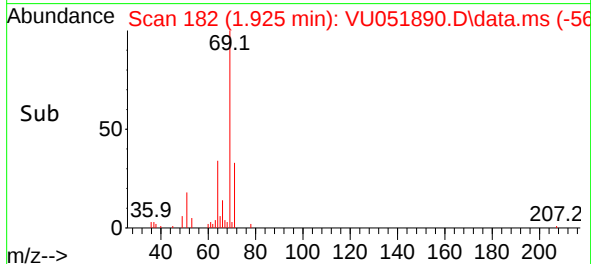
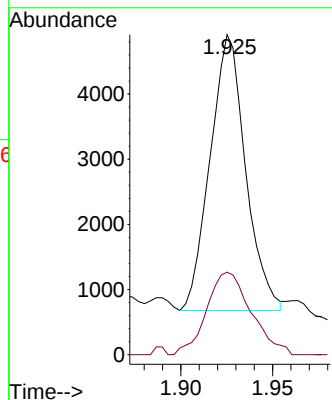
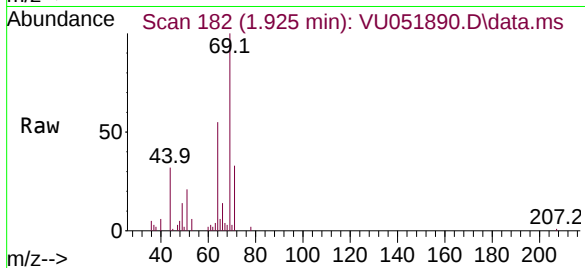




#8
Chloroethane
Concen: 2.224 ug/L
RT: 1.925 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

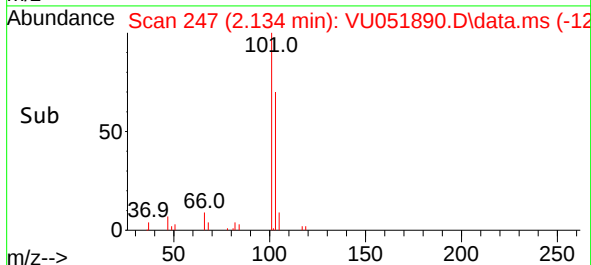
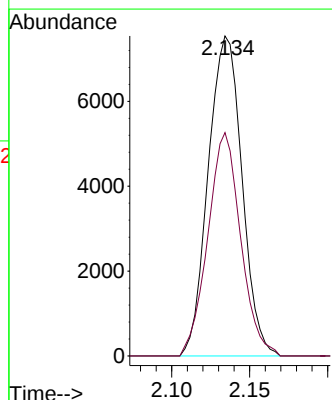
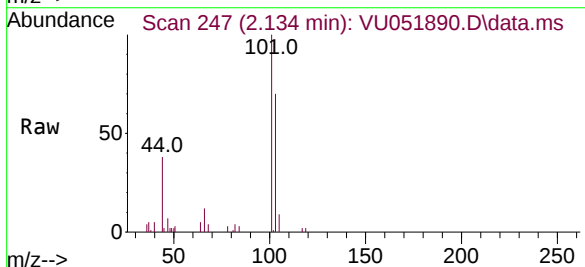
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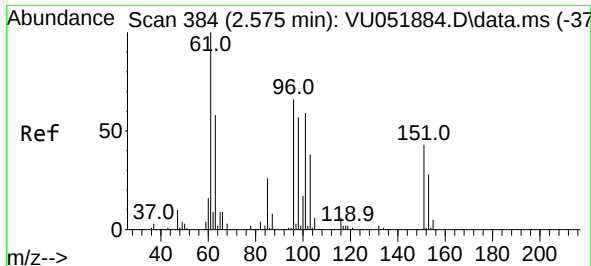
Tgt Ion: 64 Resp: 5688
Ion Ratio Lower Upper
64 100
66 25.8 22.4 41.6



#9
Trichlorofluoromethane
Concen: 2.411 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.003 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

Tgt Ion: 101 Resp: 11355
Ion Ratio Lower Upper
101 100
103 67.9 51.4 77.2

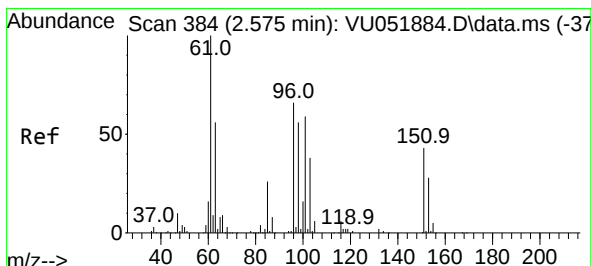
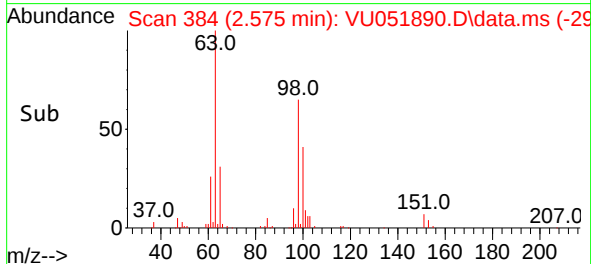
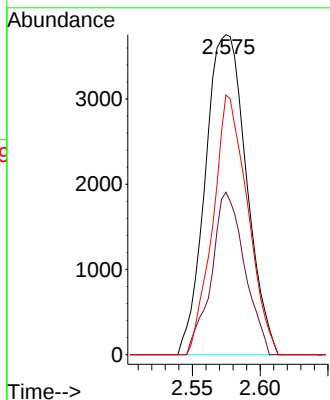
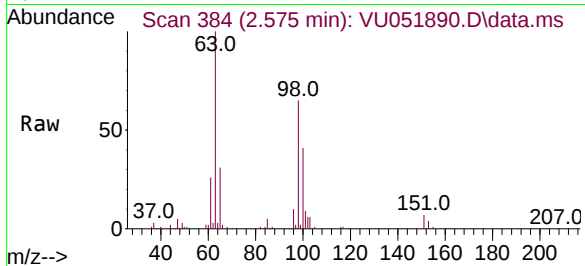




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.661 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.000 min
 Lab File: VU051890.D
 Acq: 17 Nov 2022 12:40

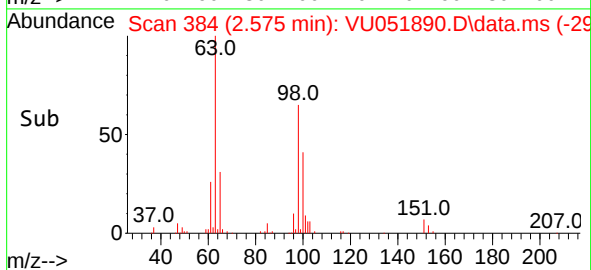
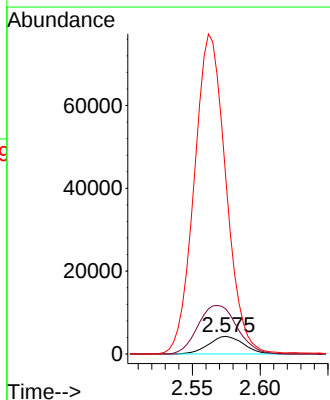
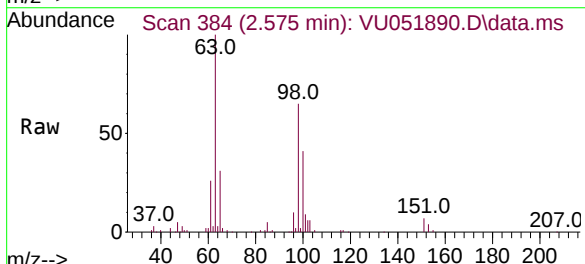
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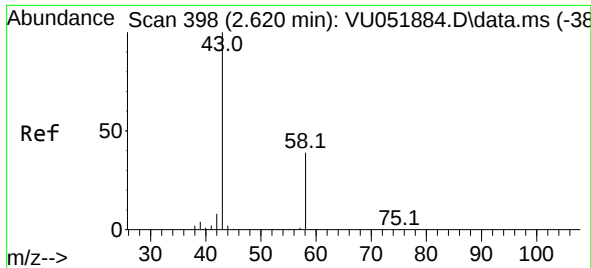
Tgt Ion:101 Resp: 7898
 Ion Ratio Lower Upper
 101 100
 85 41.0 34.2 51.2
 151 68.7 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 2.743 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.000 min
 Lab File: VU051890.D
 Acq: 17 Nov 2022 12:40

Tgt Ion: 96 Resp: 7603
 Ion Ratio Lower Upper
 96 100
 61 254.9 110.7 205.5#
 63 992.8 68.6 127.4#





#13

Acetone

Concen: 4.171 ug/L

RT: 2.623 min Scan# 398

Delta R.T. 0.003 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

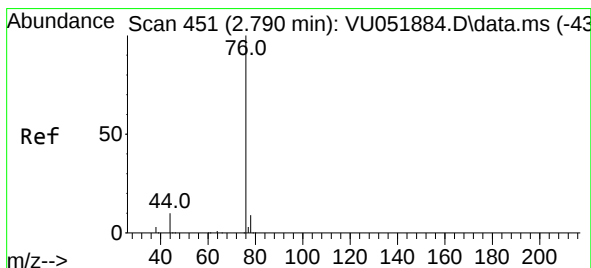
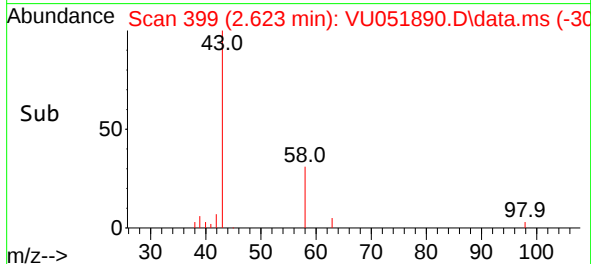
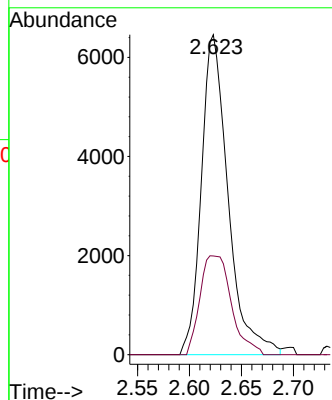
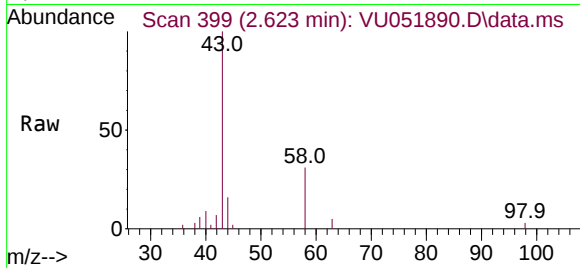
MDL06

Tgt Ion: 43 Resp: 11587

Ion Ratio Lower Upper

43 100

58 20.2 0.0 75.4



#14

Carbon disulfide

Concen: 2.388 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU051890.D

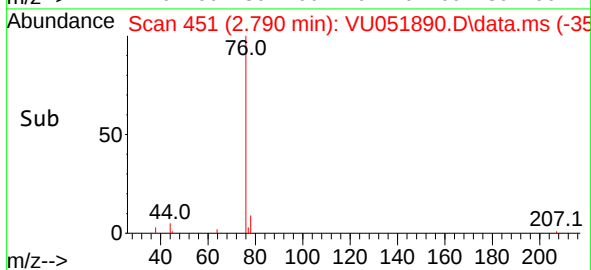
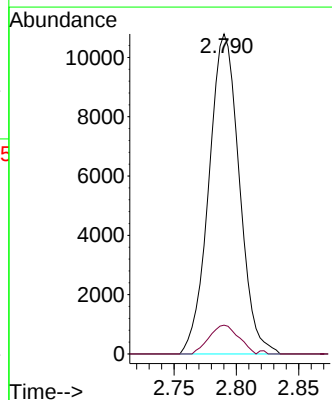
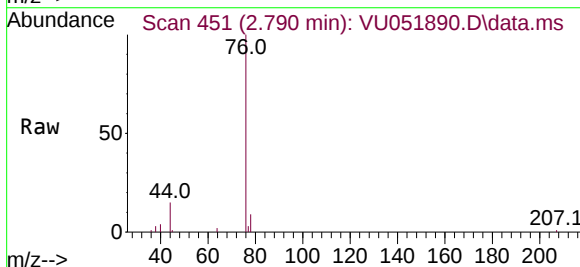
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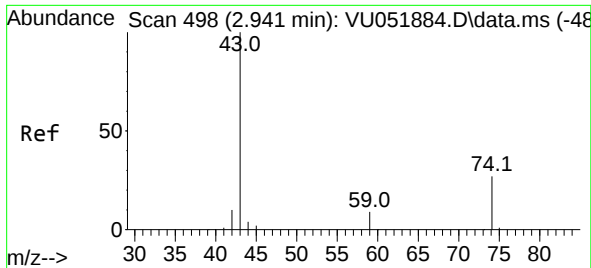
Tgt Ion: 76 Resp: 18341

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0





#15

Methyl Acetate

Concen: 2.149 ug/L

RT: 2.948 min Scan# 500

Delta R.T. 0.006 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

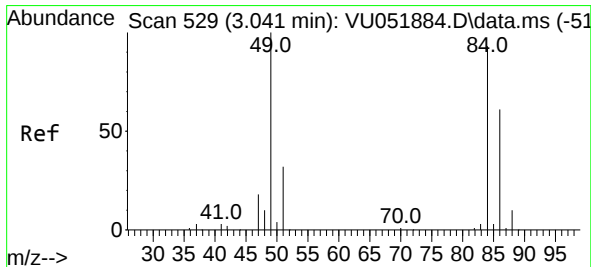
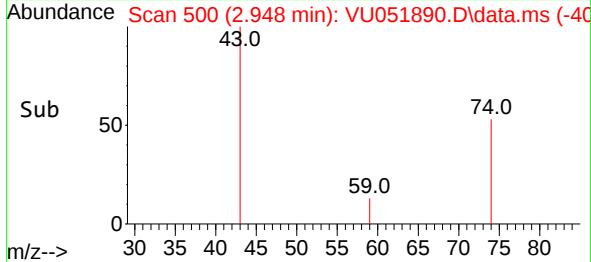
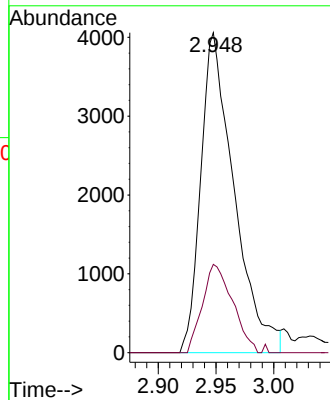
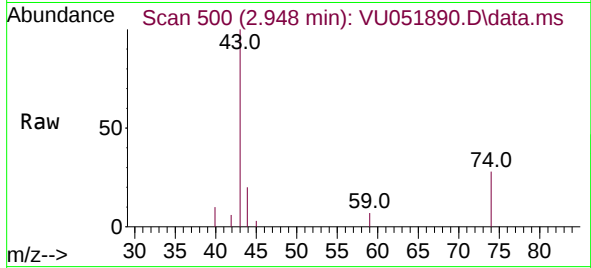
MDL06

Tgt Ion: 43 Resp: 8140

Ion Ratio Lower Upper

43 100

74 25.0 21.8 32.8



#16

Methylene chloride

Concen: 3.005 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.003 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

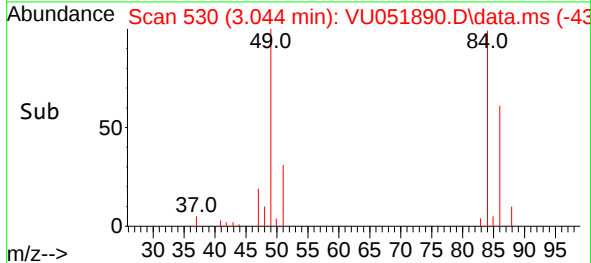
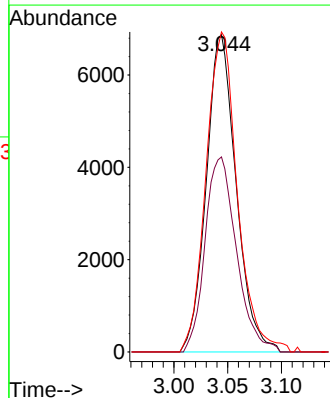
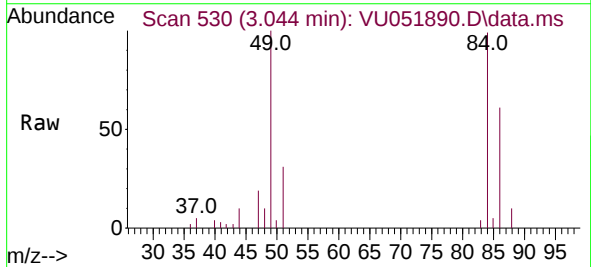
Tgt Ion: 84 Resp: 13297

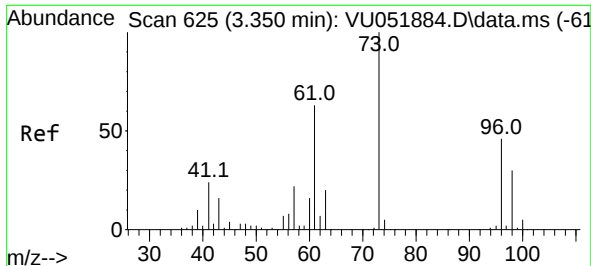
Ion Ratio Lower Upper

84 100

86 61.5 44.7 82.9

49 100.9 76.5 142.1





#17

trans-1,2-Dichloroethene

Concen: 2.323 ug/L

RT: 3.353 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

MDL06

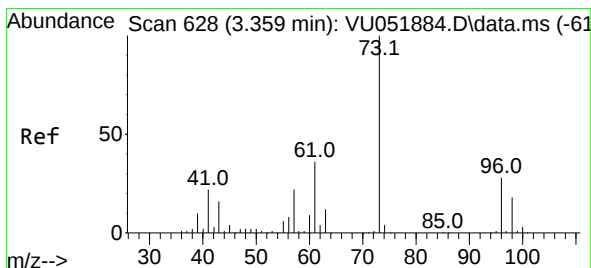
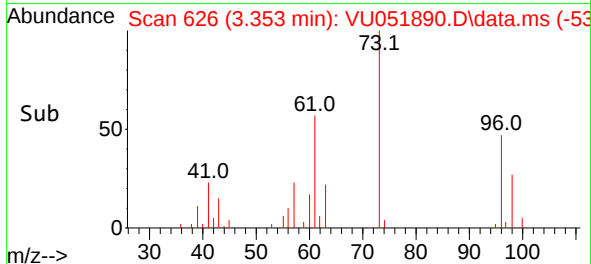
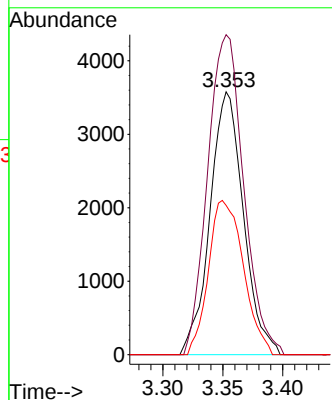
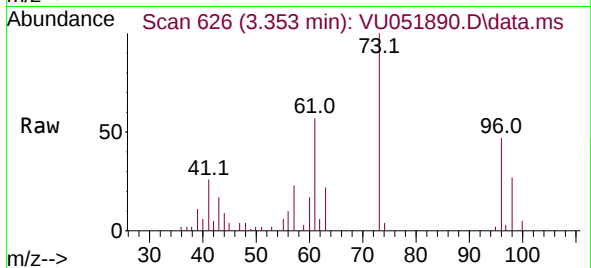
Tgt Ion: 96 Resp: 6941

Ion Ratio Lower Upper

96 100

61 121.7 98.3 182.7

98 56.8 45.5 84.5



#18

Methyl tert-butyl Ether

Concen: 2.154 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

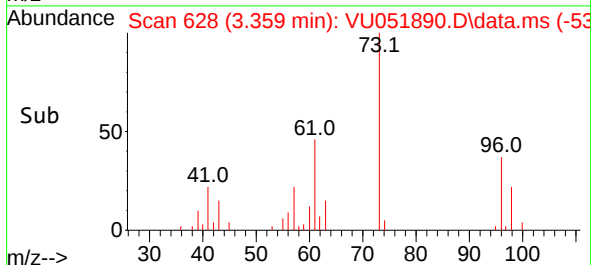
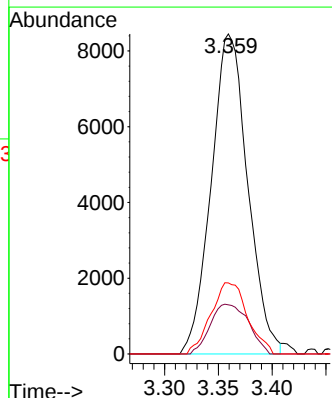
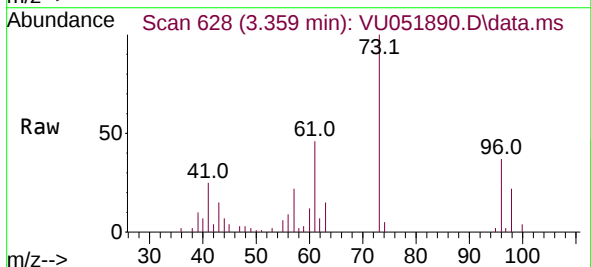
Tgt Ion: 73 Resp: 19920

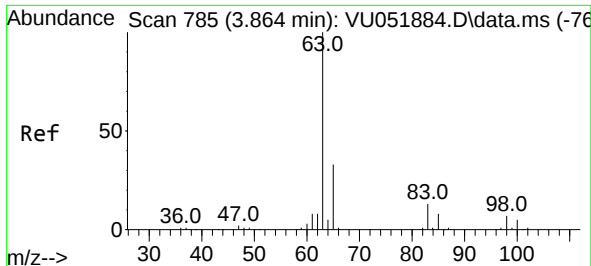
Ion Ratio Lower Upper

73 100

43 16.3 13.4 20.0

57 22.3 17.7 26.5





#19

1,1-Dichloroethane

Concen: 2.289 ug/L

RT: 3.867 min Scan# 785

Delta R.T. 0.003 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

MDL06

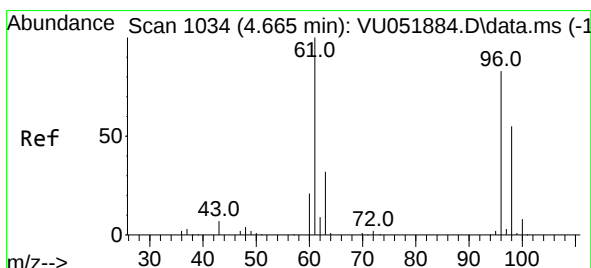
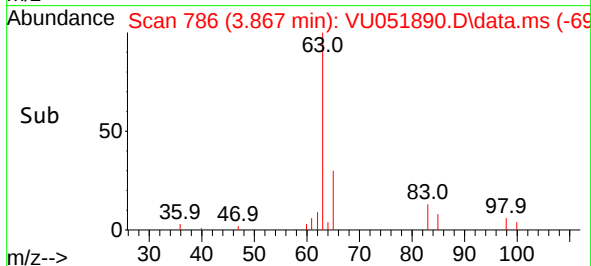
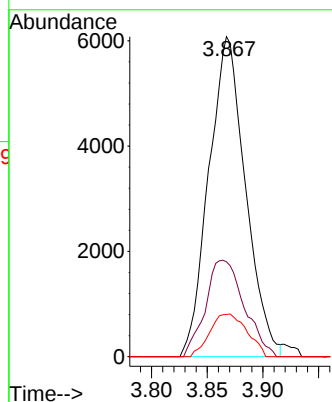
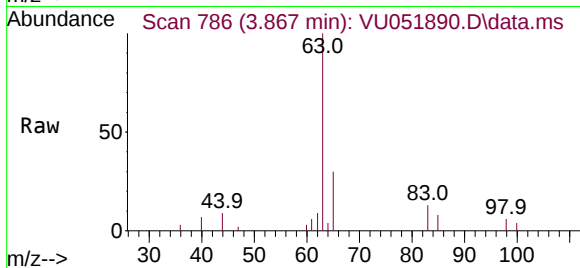
Tgt Ion: 63 Resp: 13916

Ion Ratio Lower Upper

63 100

65 29.6 22.2 41.2

83 13.2 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 2.326 ug/L

RT: 4.661 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

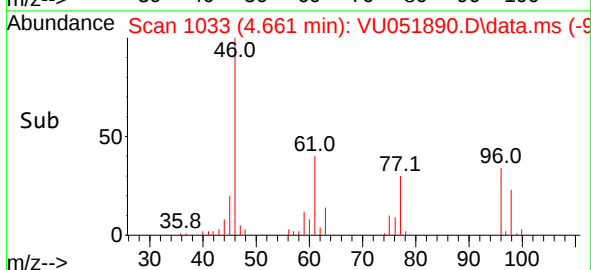
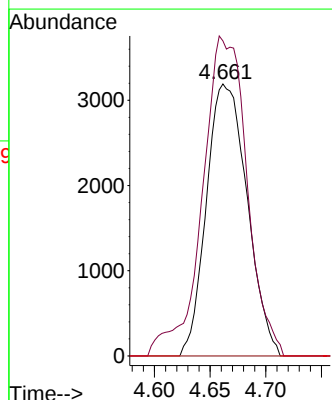
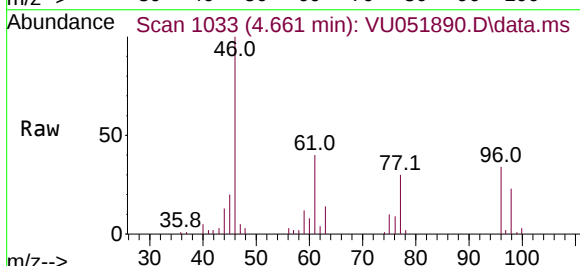
Tgt Ion: 96 Resp: 8110

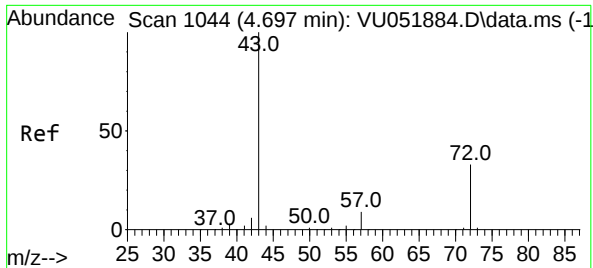
Ion Ratio Lower Upper

96 100

61 115.8 86.0 159.8

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 3.434 ug/L

RT: 4.713 min Scan# 1107

Delta R.T. 0.016 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

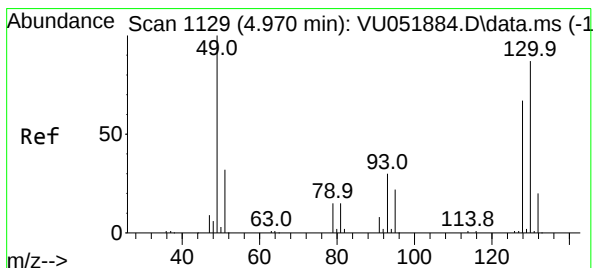
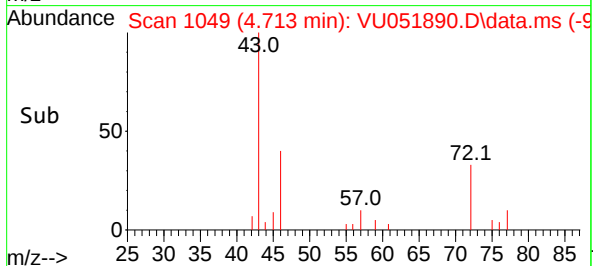
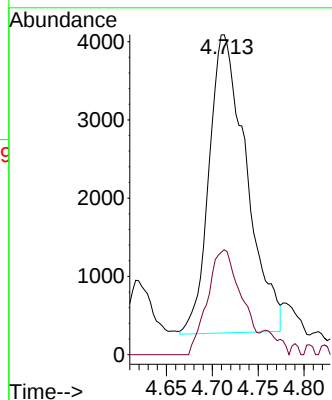
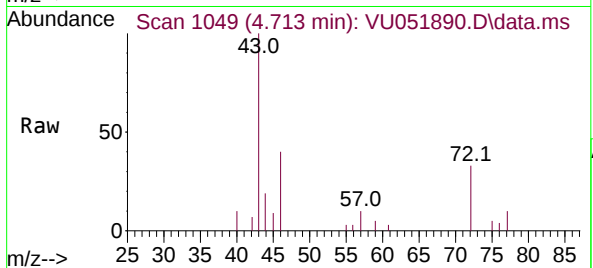
MDL06

Tgt Ion: 43 Resp: 10776

Ion Ratio Lower Upper

43 100

72 32.1 15.7 47.1



#23

Bromochloromethane

Concen: 2.292 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

Tgt Ion: 128 Resp: 4410

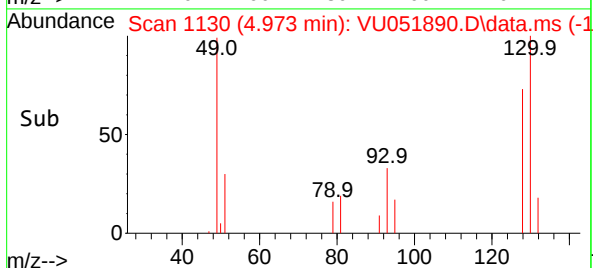
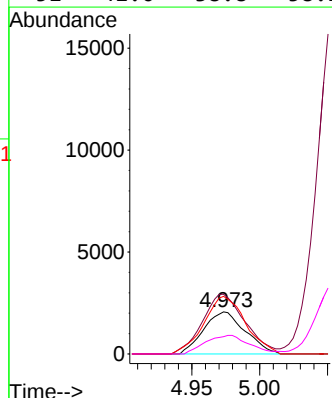
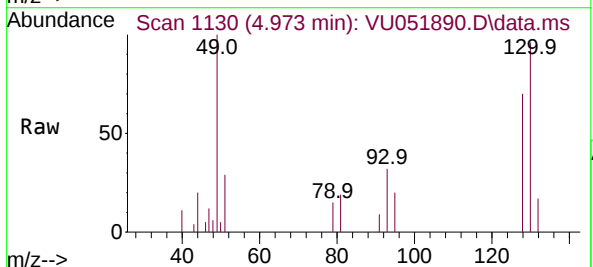
Ion Ratio Lower Upper

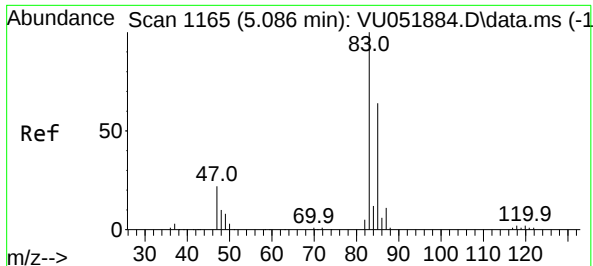
128 100

49 141.9 107.2 199.0

130 136.8 92.5 171.7

51 41.0 38.8 58.2





#25

Chloroform

Concen: 2.523 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

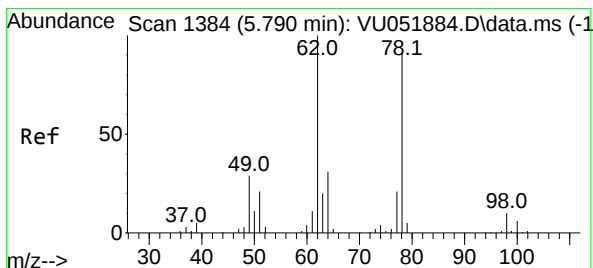
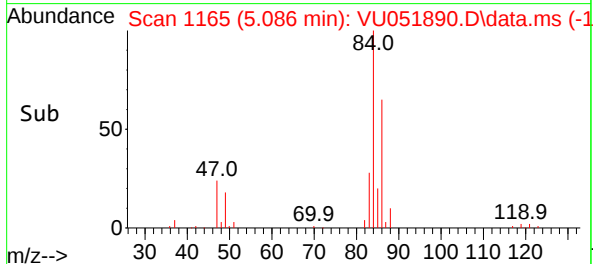
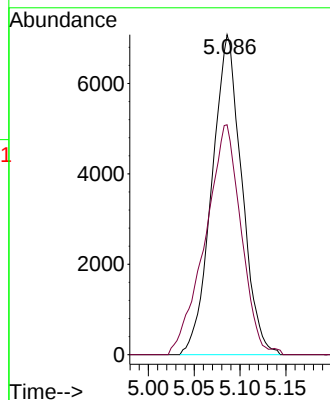
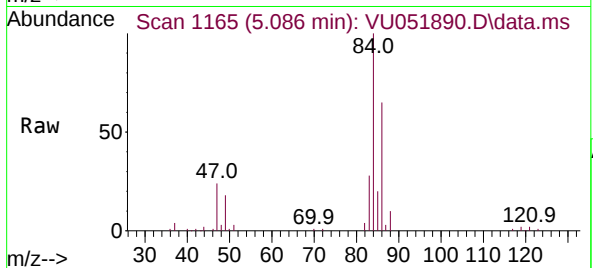
MDL06

Tgt Ion: 83 Resp: 16009

Ion Ratio Lower Upper

83 100

85 71.8 45.6 84.8



#27

1,2-Dichloroethane

Concen: 2.159 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.003 min

Lab File: VU051890.D

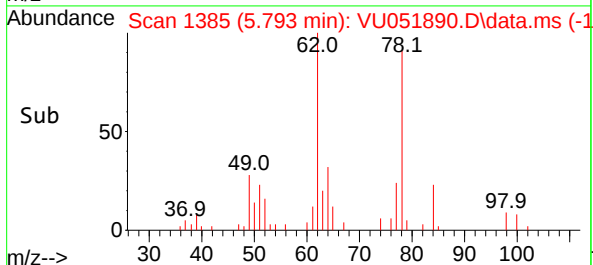
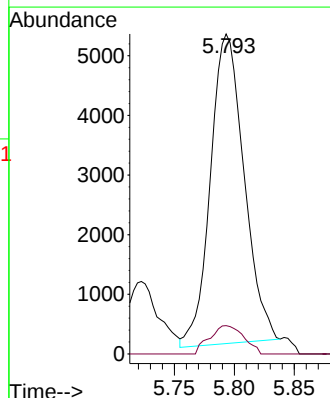
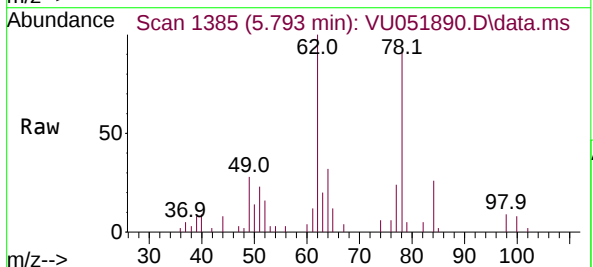
Acq: 17 Nov 2022 12:40

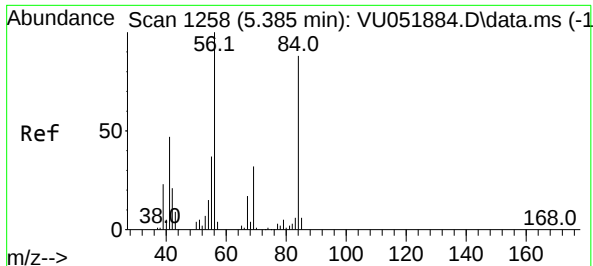
Tgt Ion: 62 Resp: 10120

Ion Ratio Lower Upper

62 100

98 8.9 8.1 12.1





#29

Cyclohexane

Concen: 2.225 ug/L

RT: 5.385 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

MDL06

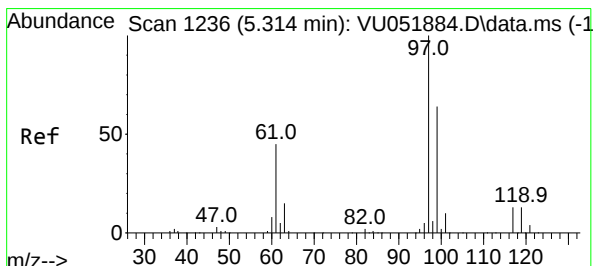
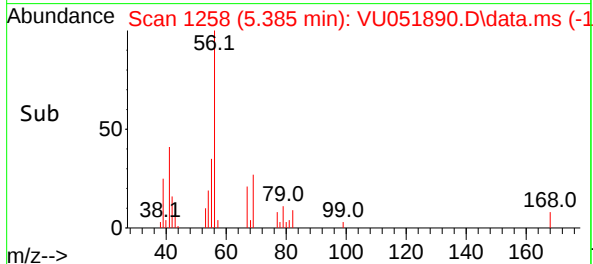
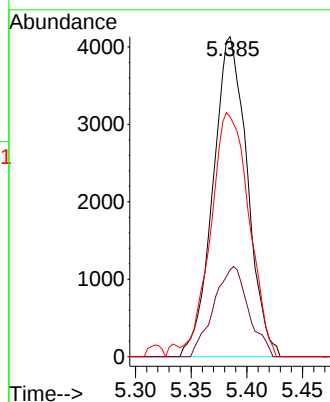
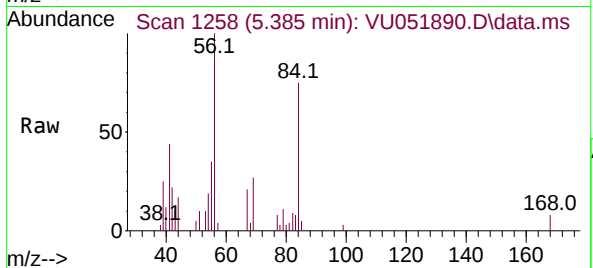
Tgt Ion: 56 Resp: 8836

Ion Ratio Lower Upper

56 100

69 28.6 25.4 38.2

84 85.3 71.4 107.0



#30

1,1,1-Trichloroethane

Concen: 2.357 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

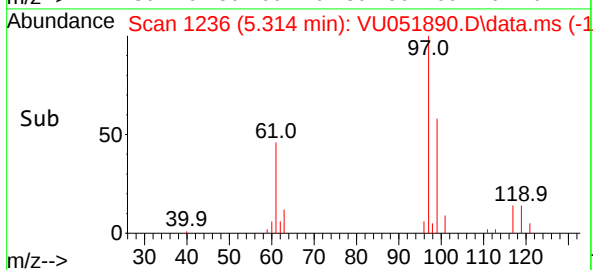
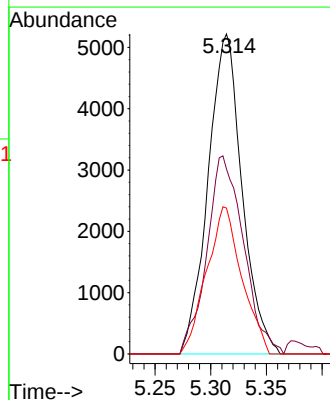
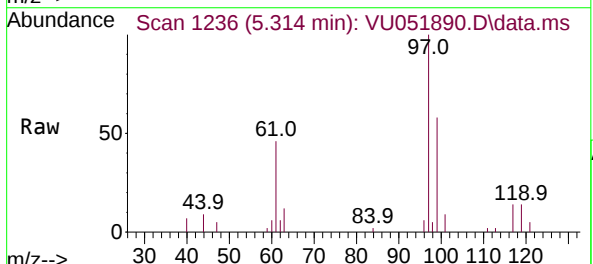
Tgt Ion: 97 Resp: 11091

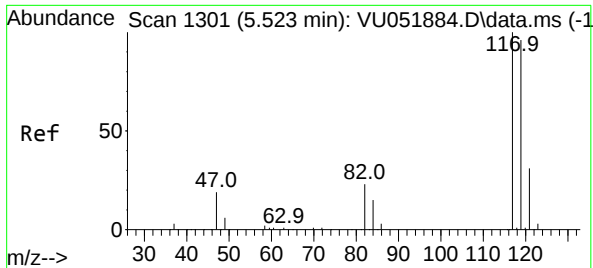
Ion Ratio Lower Upper

97 100

99 66.7 51.2 76.8

61 47.6 37.4 56.2

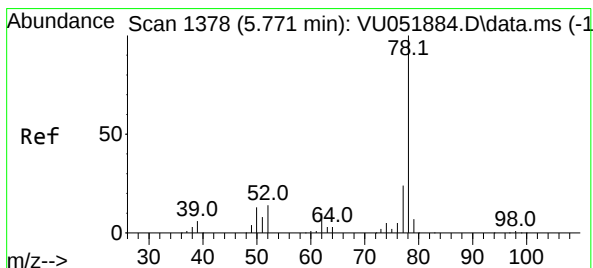
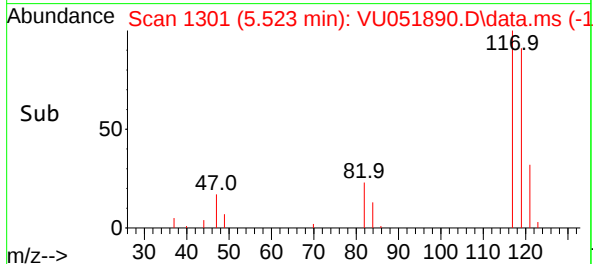
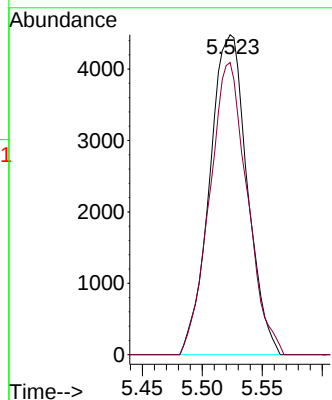
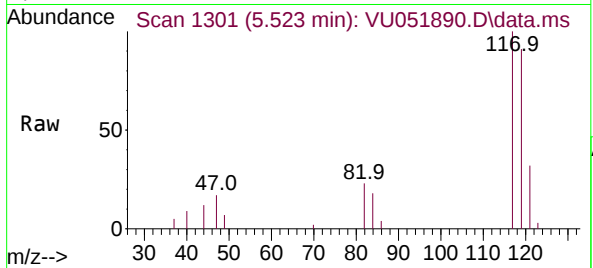




#31
Carbon tetrachloride
Concen: 2.483 ug/L
RT: 5.523 min Scan# 111
Delta R.T. -0.000 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

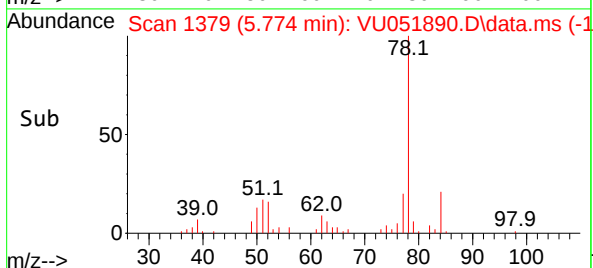
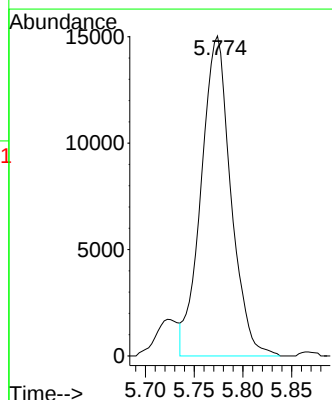
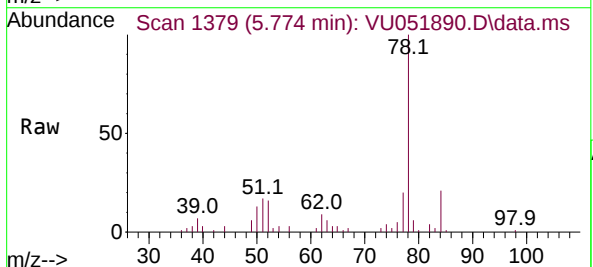
Instrument :
MSVOA_U
ClientSampleId :
MDL06

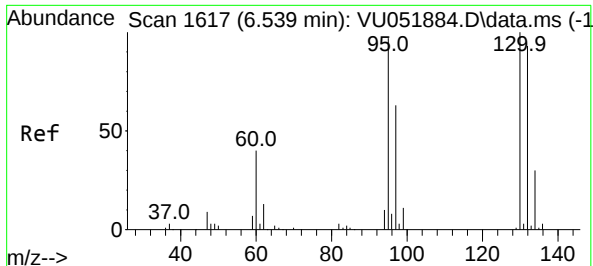
Tgt Ion:117 Resp: 9766
Ion Ratio Lower Upper
117 100
119 91.4 75.6 113.4



#33
Benzene
Concen: 2.383 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

Tgt Ion: 78 Resp: 31893





#34

Trichloroethene

Concen: 2.268 ug/L

RT: 6.536 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tgt Ion: 95 Resp: 7192

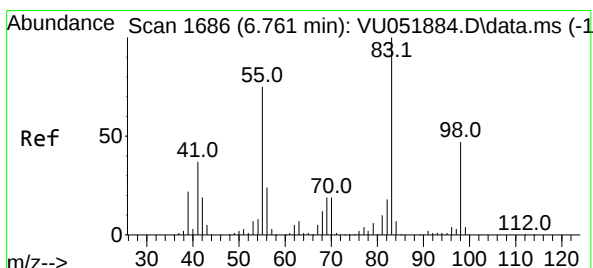
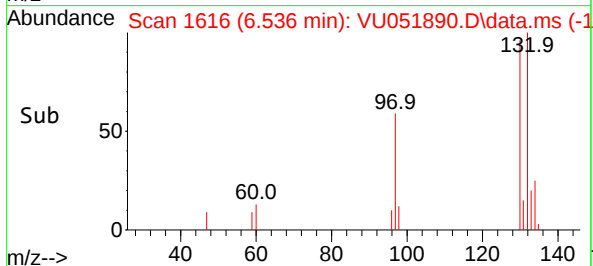
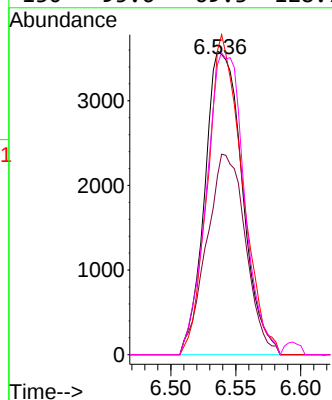
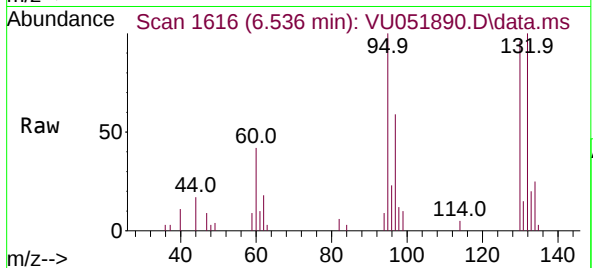
Ion Ratio Lower Upper

95 100

97 58.8 45.8 85.0

132 100.1 65.3 121.3

130 95.6 69.3 128.7



#35

Methylcyclohexane

Concen: 2.202 ug/L

RT: 6.758 min Scan# 1685

Delta R.T. -0.003 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

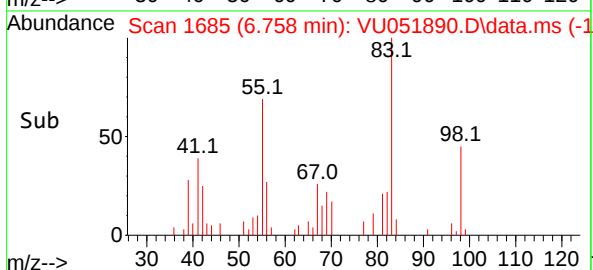
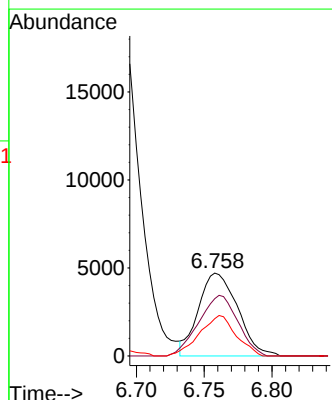
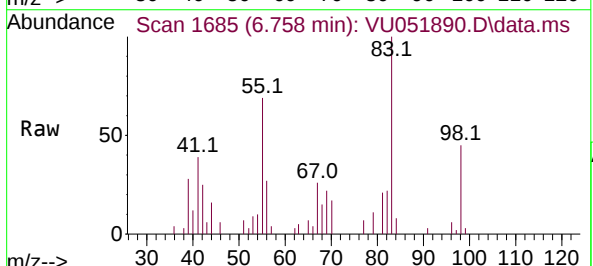
Tgt Ion: 83 Resp: 9467

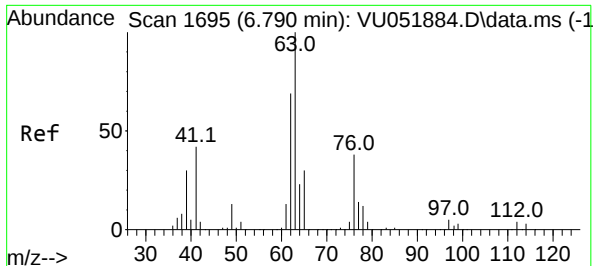
Ion Ratio Lower Upper

83 100

55 72.6 60.0 90.0

98 45.3 35.8 53.8





#37

1,2-Dichloropropane

Concen: 2.270 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

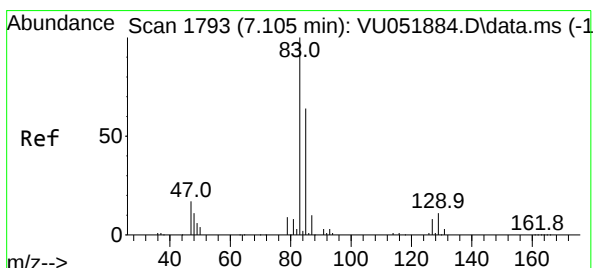
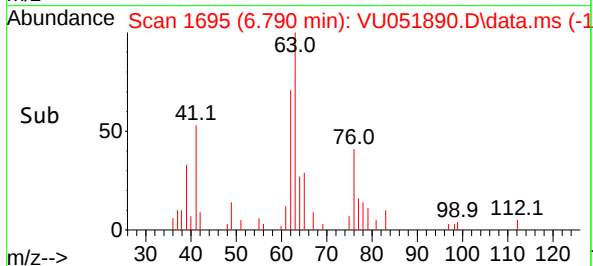
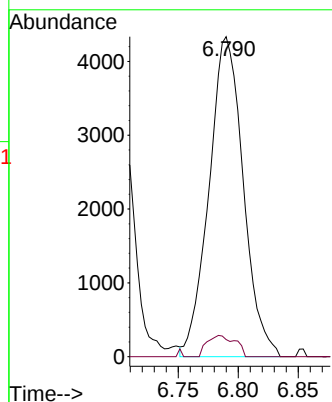
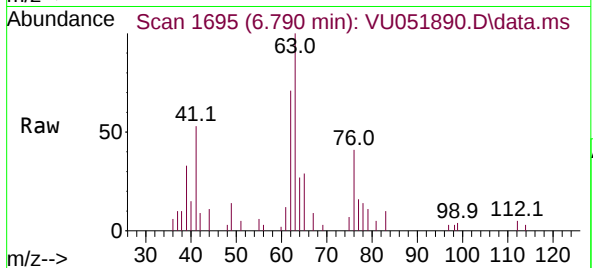
MDL06

Tgt Ion: 63 Resp: 8605

Ion Ratio Lower Upper

63 100

112 4.1 3.0 4.6



#38

Bromodichloromethane

Concen: 2.251 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. -0.003 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

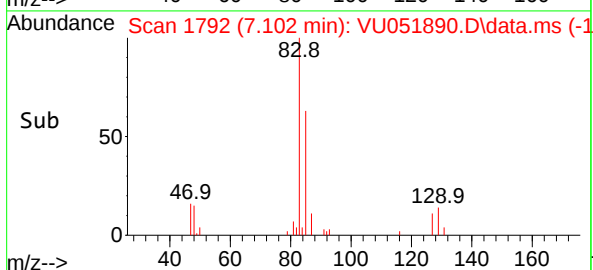
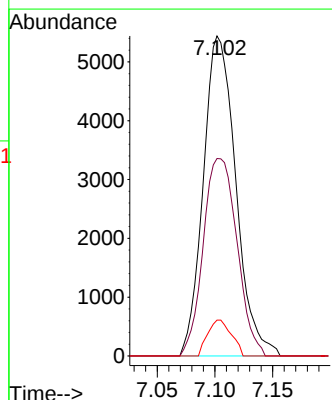
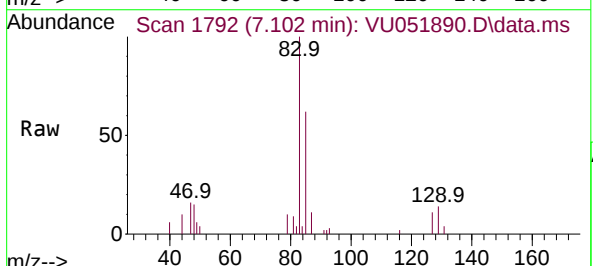
Tgt Ion: 83 Resp: 10673

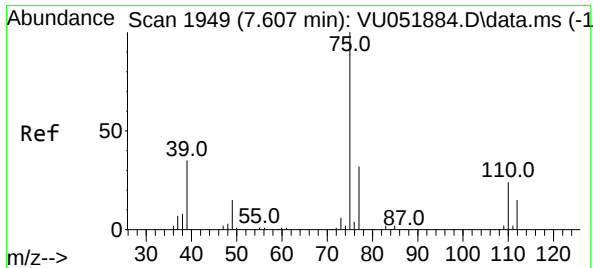
Ion Ratio Lower Upper

83 100

85 61.7 44.6 82.8

127 11.2 6.5 9.7#





#39

cis-1,3-Dichloropropene

Concen: 2.229 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

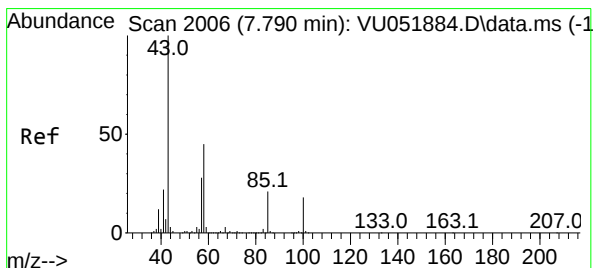
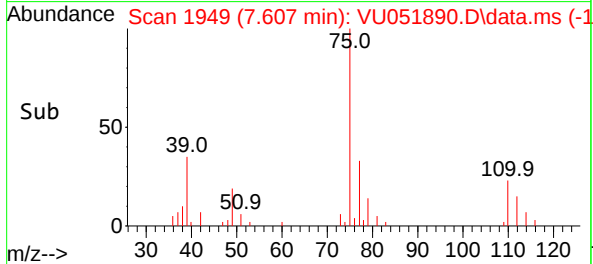
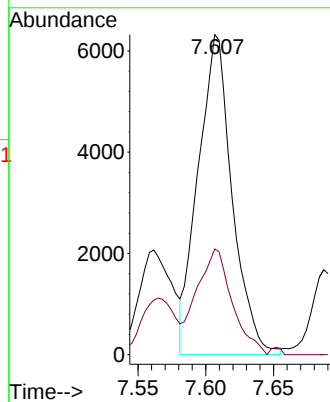
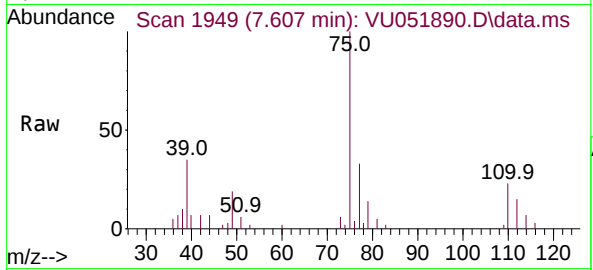
MDL06

Tgt Ion: 75 Resp: 11051

Ion Ratio Lower Upper

75 100

77 33.0 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 3.816 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

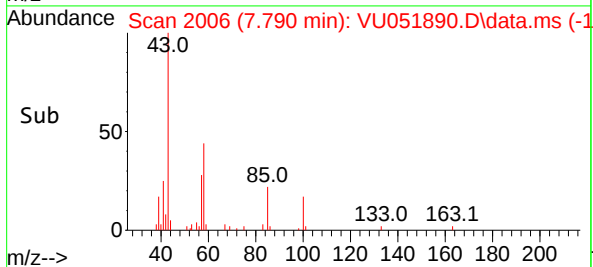
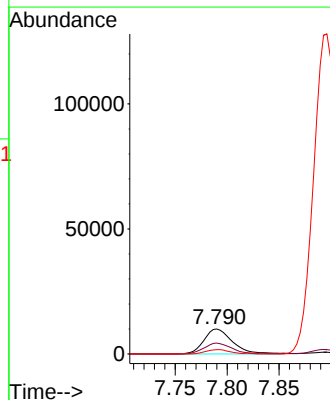
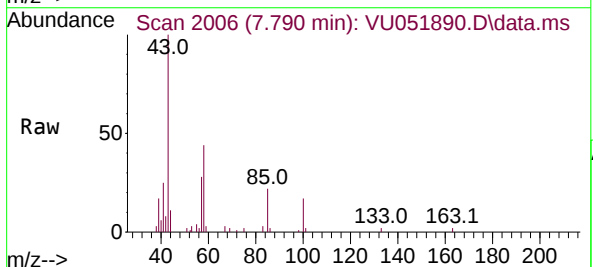
Tgt Ion: 43 Resp: 19048

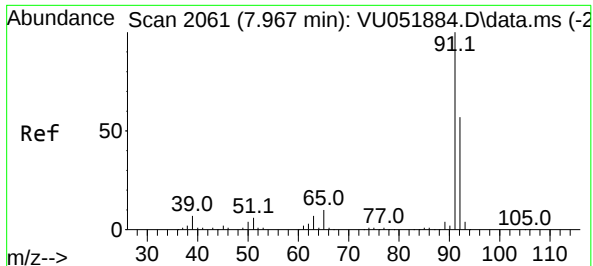
Ion Ratio Lower Upper

43 100

58 41.6 35.4 53.2

100 14.4 13.4 20.0





#42

Toluene

Concen: 2.194 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

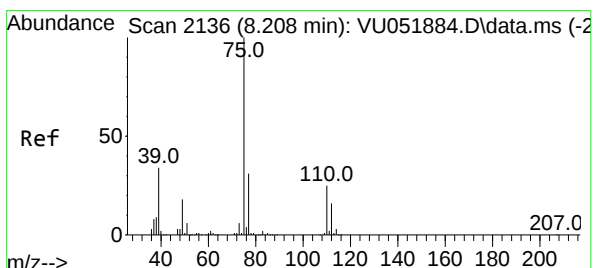
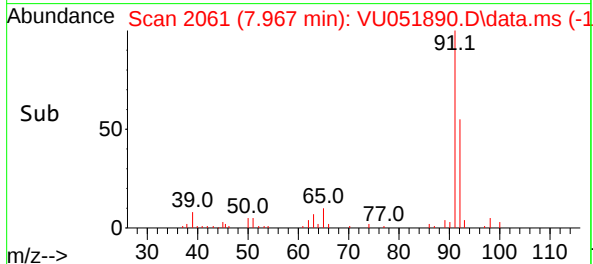
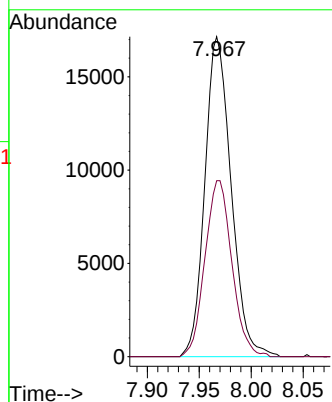
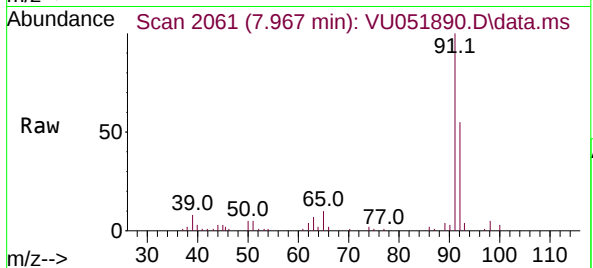
MDL06

Tgt Ion: 91 Resp: 30210

Ion Ratio Lower Upper

91 100

92 55.0 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 2.182 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051890.D

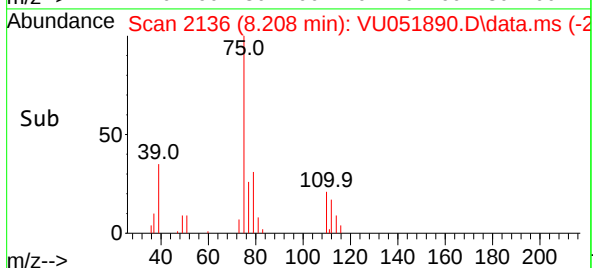
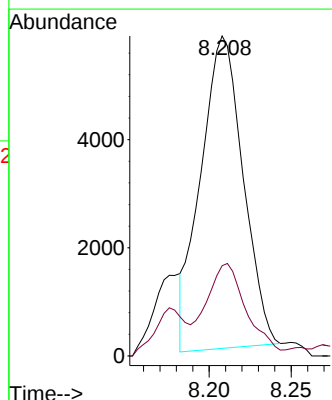
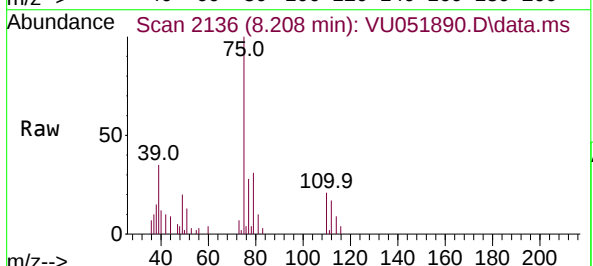
Acq: 17 Nov 2022 12:40

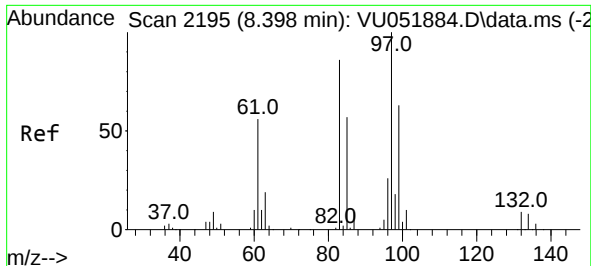
Tgt Ion: 75 Resp: 10366

Ion Ratio Lower Upper

75 100

77 28.2 21.8 40.6

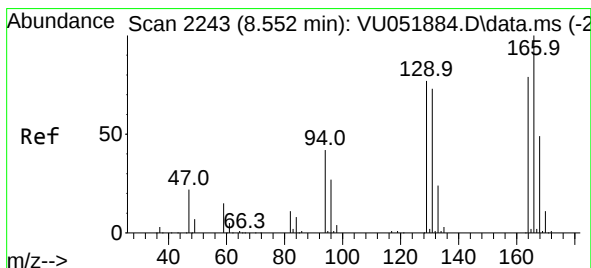
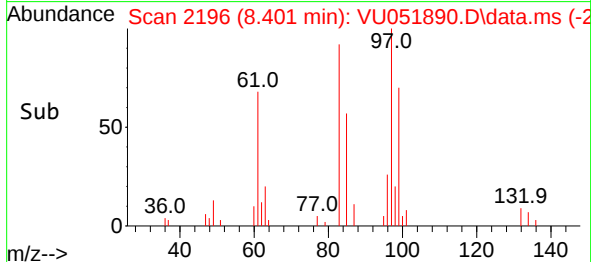
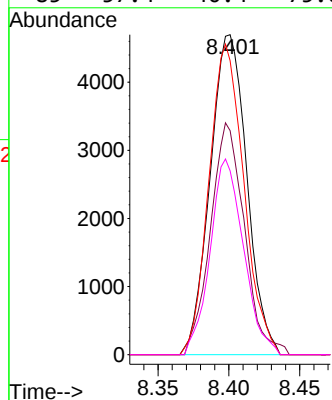
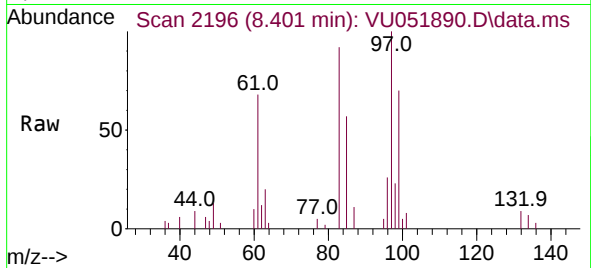




#45
1,1,2-Trichloroethane
Concen: 2.199 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

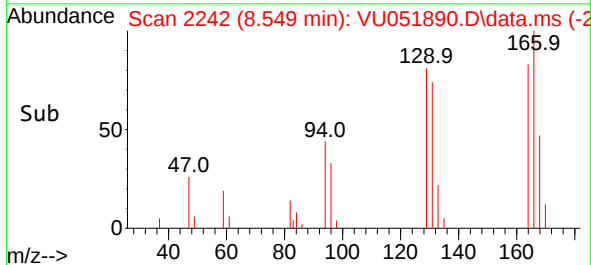
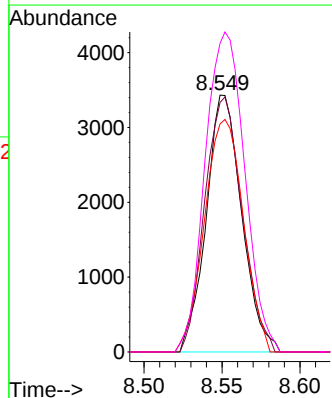
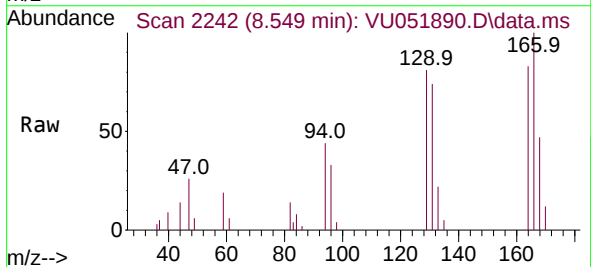
Instrument :
MSVOA_U
ClientSampleId :
MDL06

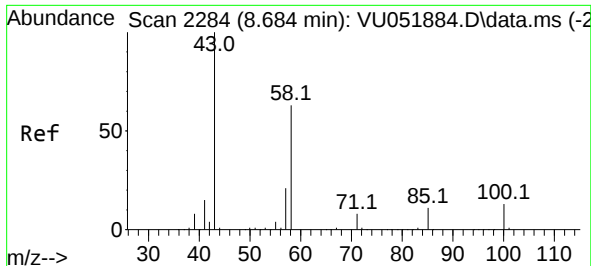
Tgt Ion:	97	Resp:	8470
Ion	Ratio	Lower	Upper
97	100		
99	70.0	44.3	82.3
83	91.9	62.3	115.7
85	57.4	40.4	75.0



#46
Tetrachloroethene
Concen: 2.149 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

Tgt Ion:	164	Resp:	5443
Ion	Ratio	Lower	Upper
164	100		
129	97.1	68.5	127.1
131	88.8	66.6	123.8
166	120.2	91.9	170.7

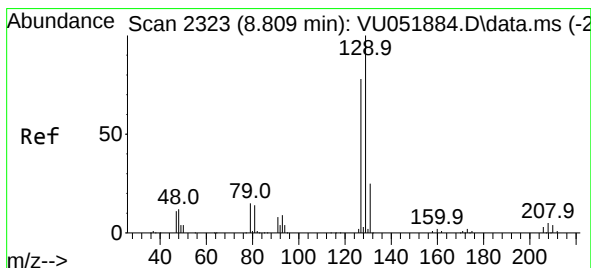
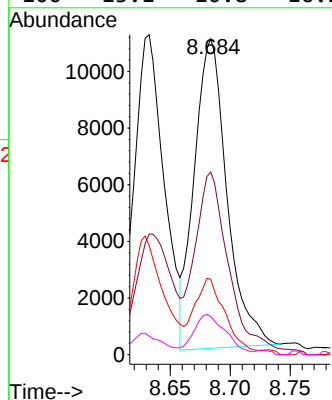
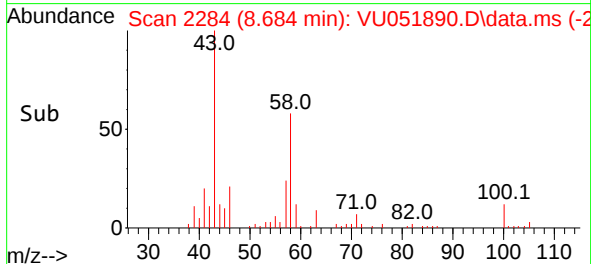
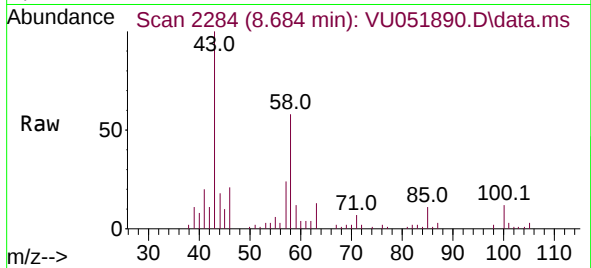




#48
2-Hexanone
Concen: 4.838 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

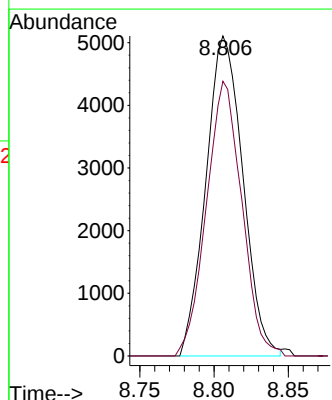
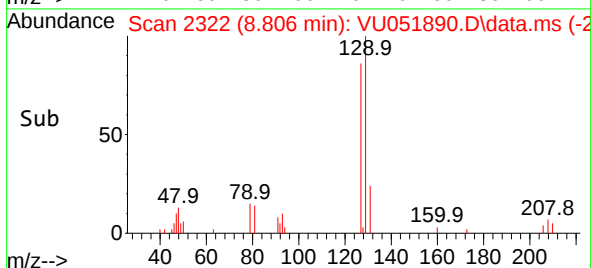
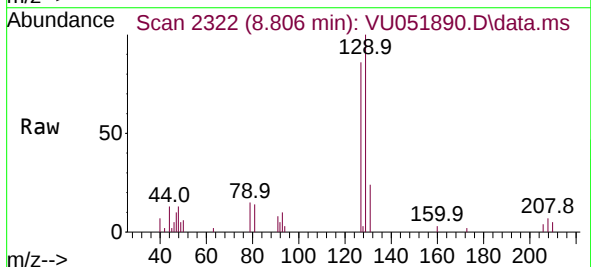
Instrument :
MSVOA_U
ClientSampleId :
MDL06

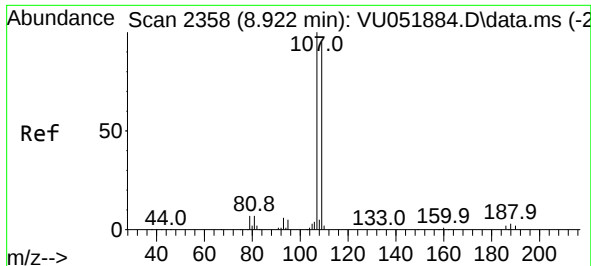
Tgt Ion: 43	Resp: 20741
Ion Ratio	Lower Upper
43 100	
58 63.0	50.6 76.0
57 23.5	16.8 25.2
100 13.1	10.8 16.2



#49
Dibromochloromethane
Concen: 2.225 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

Tgt Ion:129	Resp:	8838	
Ion	Ratio	Lower	Upper
129	100		
127	85.9	54.4	101.0





#50

1,2-Dibromoethane

Concen: 2.194 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

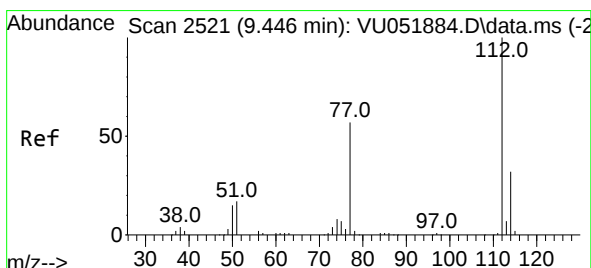
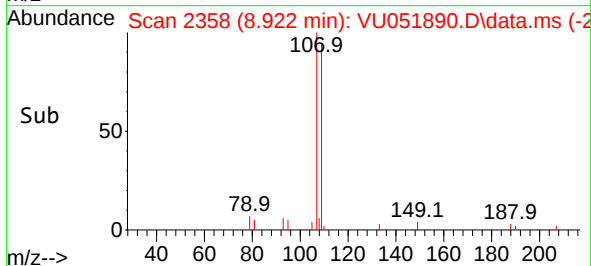
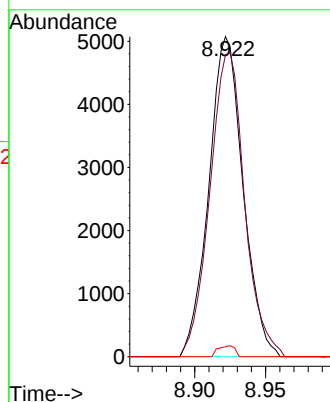
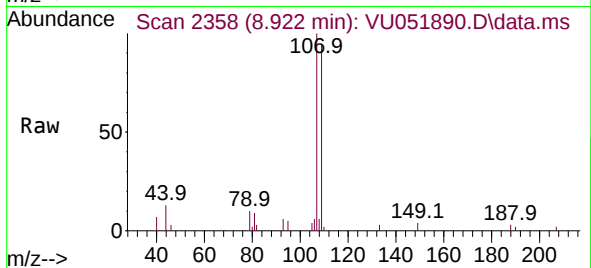
Instrument :

MSVOA_U

ClientSampleId :

MDL06

Tgt Ion:	107	Resp:	8509
Ion	Ratio	Lower	Upper
107	100		
109	94.4	65.0	120.6
188	3.1	2.9	4.3



#51

Chlorobenzene

Concen: 2.238 ug/L

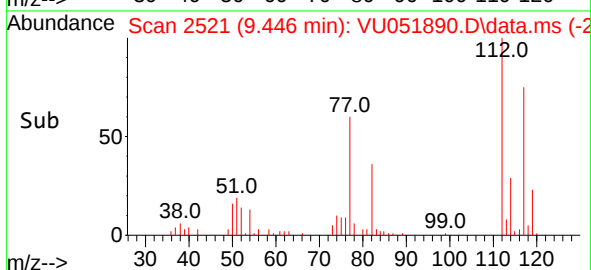
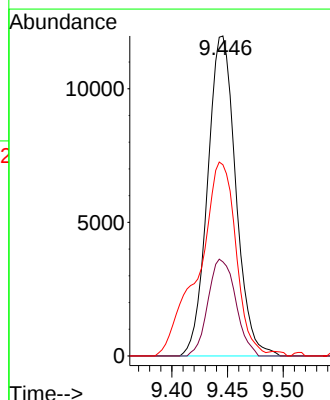
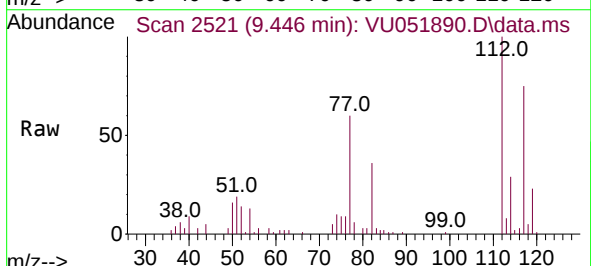
RT: 9.446 min Scan# 2521

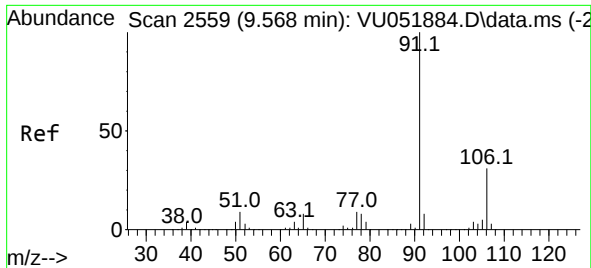
Delta R.T. -0.000 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

Tgt Ion:	112	Resp:	21057
Ion	Ratio	Lower	Upper
112	100		
114	29.4	22.2	41.2
77	59.7	46.7	70.1

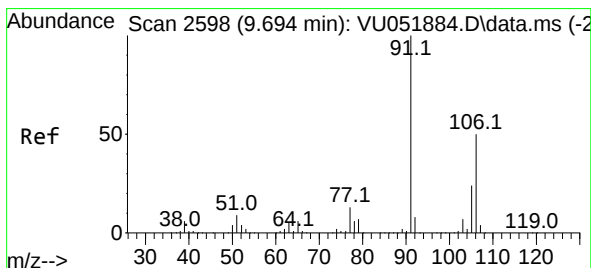
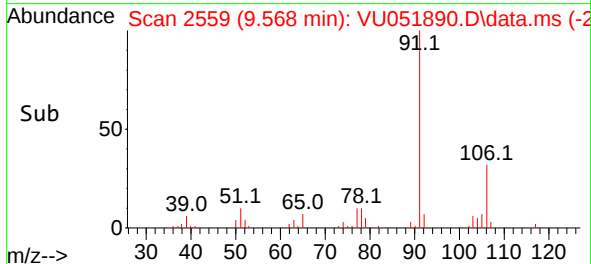
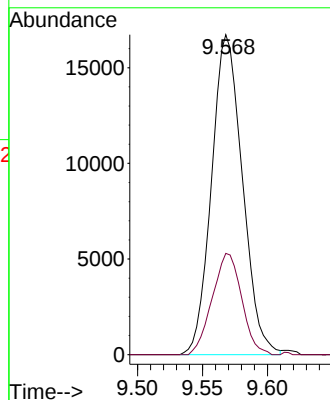
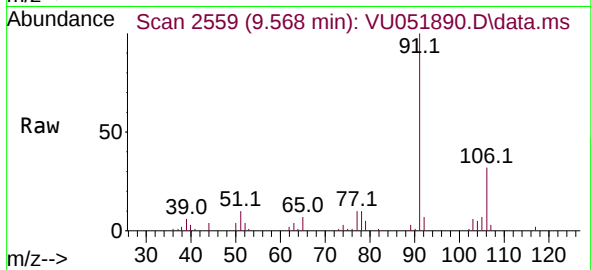




#52
Ethylbenzene
Concen: 1.961 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

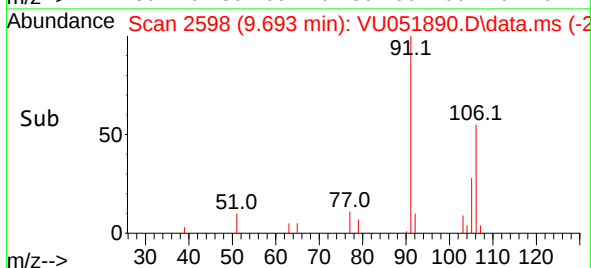
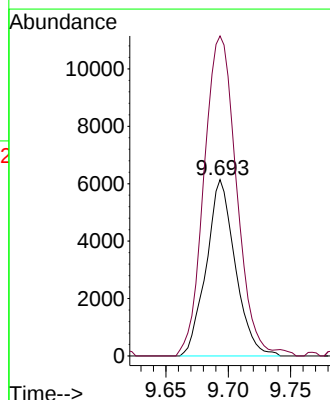
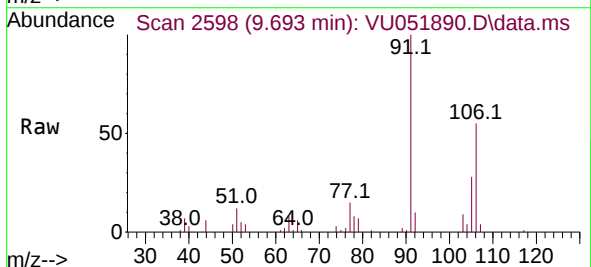
Instrument :
MSVOA_U
ClientSampleId :
MDL06

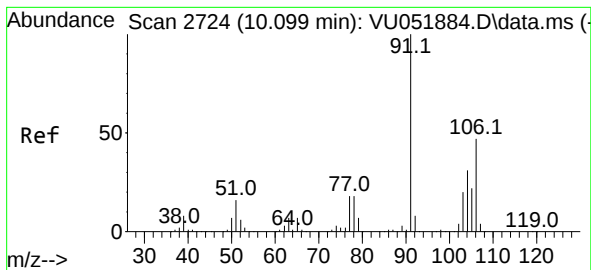
Tgt Ion: 91 Resp: 27628
Ion Ratio Lower Upper
91 100
106 31.6 21.3 39.6



#53
m,p-Xylene
Concen: 1.815 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

Tgt Ion: 106 Resp: 9902
Ion Ratio Lower Upper
106 100
91 181.5 141.7 263.3





#54

o-Xylene

Concen: 1.681 ug/L

RT: 10.098 min Scan# 2724

Delta R.T. -0.000 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

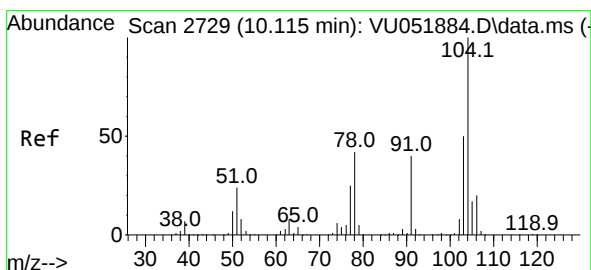
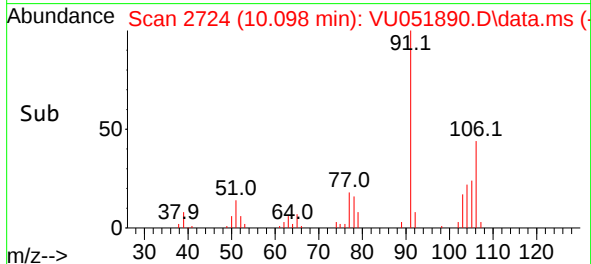
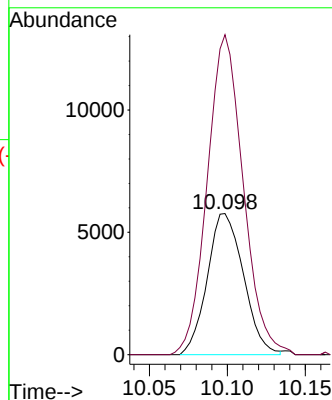
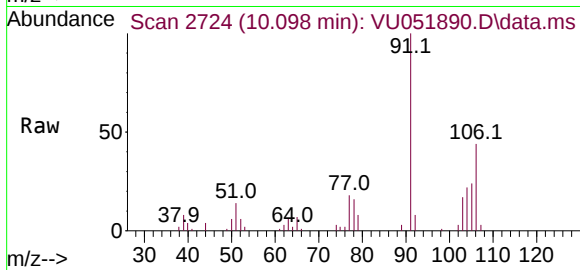
MDL06

Tgt Ion:106 Resp: 9331

Ion Ratio Lower Upper

106 100

91 226.7 149.7 278.1



#55

Styrene

Concen: 1.570 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU051890.D

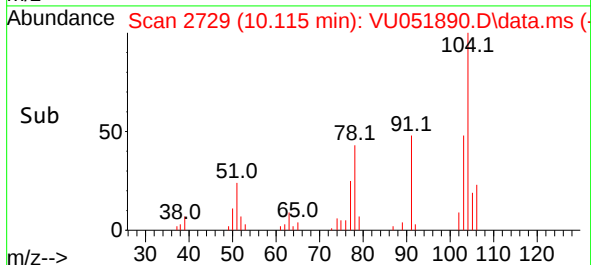
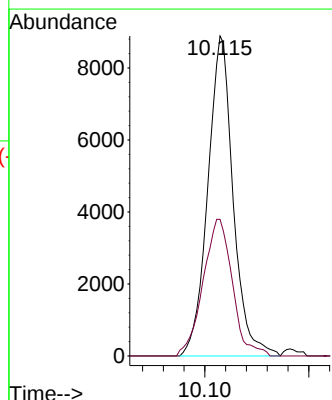
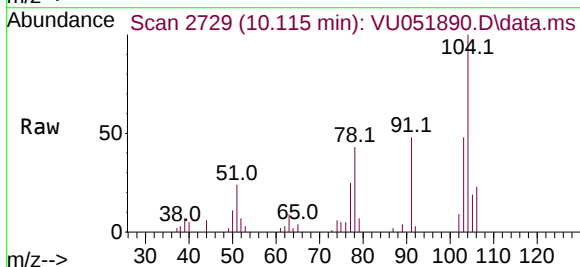
Acq: 17 Nov 2022 12:40

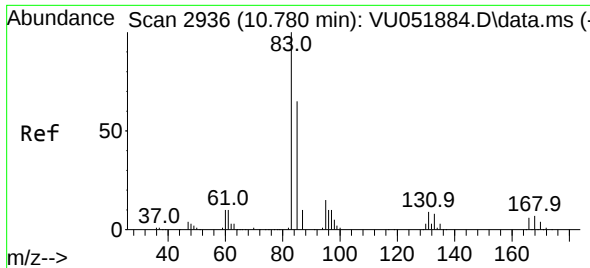
Tgt Ion:104 Resp: 15034

Ion Ratio Lower Upper

104 100

78 42.7 30.3 56.3

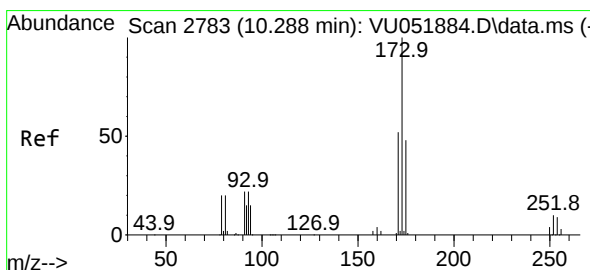
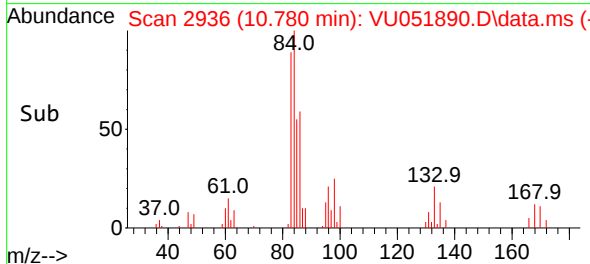
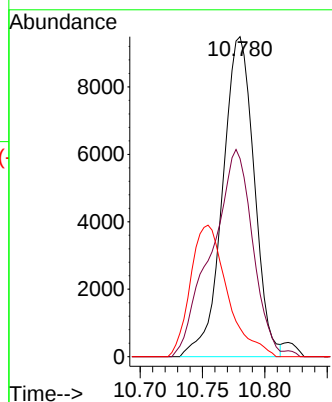
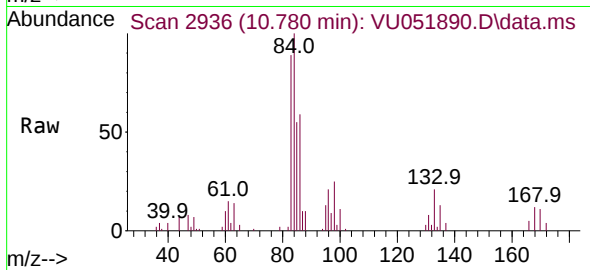




#57
 1,1,2-Tetrachloroethane
 Concen: 2.292 ug/L
 RT: 10.780 min Scan# 2936
 Delta R.T. -0.000 min
 Lab File: VU051890.D
 Acq: 17 Nov 2022 12:40

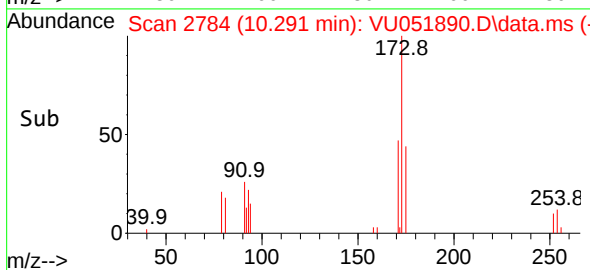
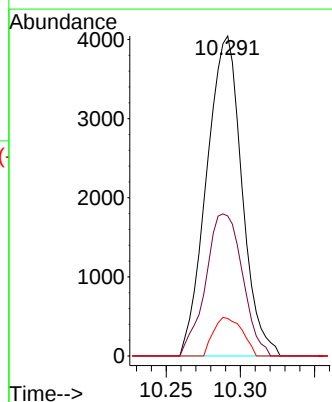
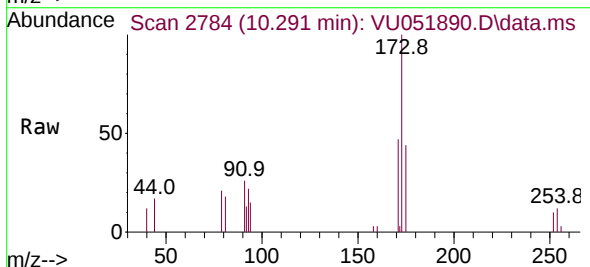
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

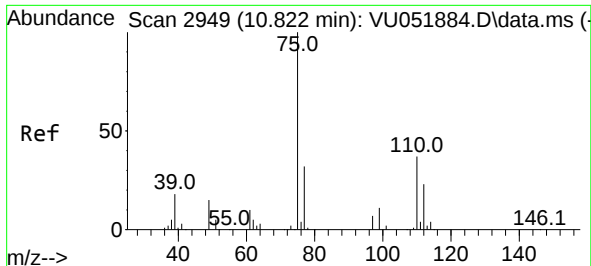
Tgt Ion:	83	Resp:	16684
Ion Ratio	Lower	Upper	
83	100		
85	61.9	44.9	83.3
131	8.9	6.8	10.2



#59
 Bromoform
 Concen: 2.577 ug/L
 RT: 10.291 min Scan# 2784
 Delta R.T. 0.003 min
 Lab File: VU051890.D
 Acq: 17 Nov 2022 12:40

Tgt Ion:	173	Resp:	6683
Ion Ratio	Lower	Upper	
173	100		
175	46.3	38.9	58.3
254	9.8	7.4	11.2

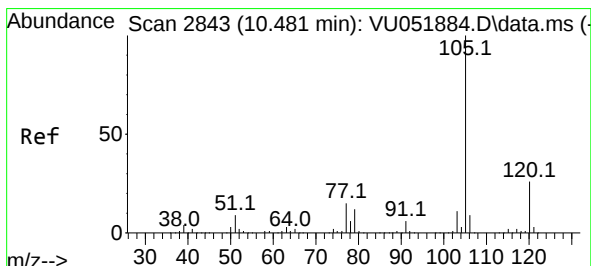
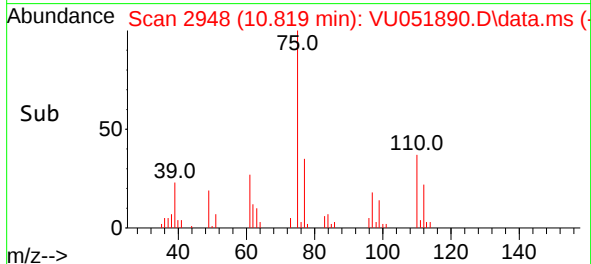
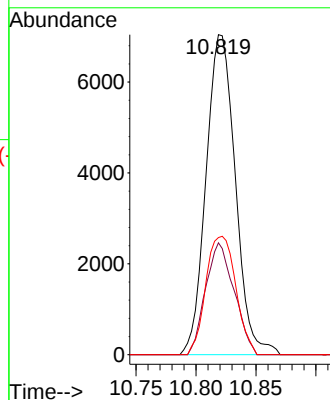
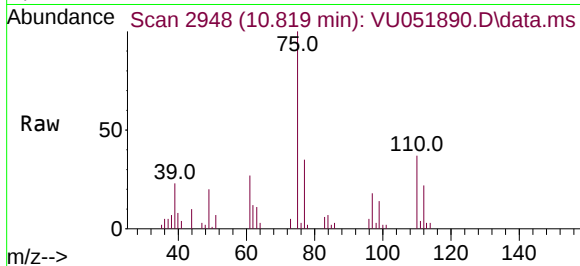




#60
1,2,3-Trichloropropane
Concen: 2.620 ug/L
RT: 10.819 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

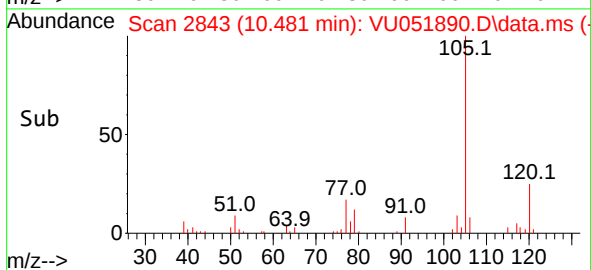
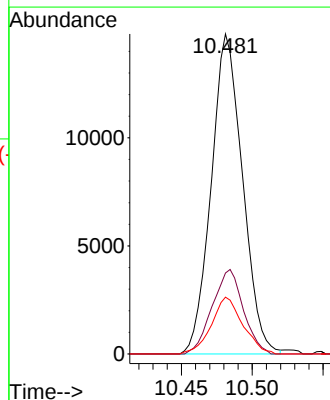
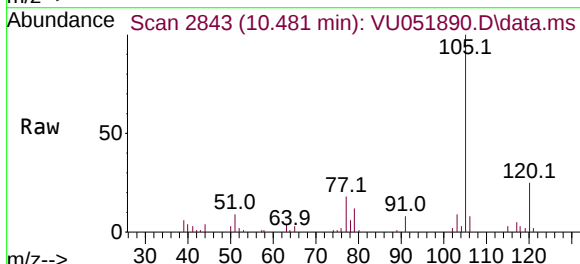
Instrument :
MSVOA_U
ClientSampleId :
MDL06

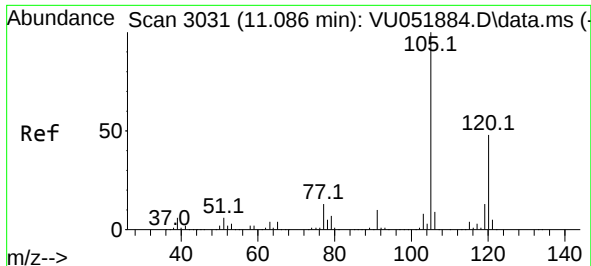
Tgt Ion:	75	Resp:	11984
Ion	Ratio	Lower	Upper
75	100		
77	34.0	26.2	39.4
110	37.7	29.0	43.4



#61
Isopropylbenzene
Concen: 2.033 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

Tgt Ion:	105	Resp:	22718
Ion	Ratio	Lower	Upper
105	100		
120	26.2	21.1	31.7
77	17.8	12.2	18.4

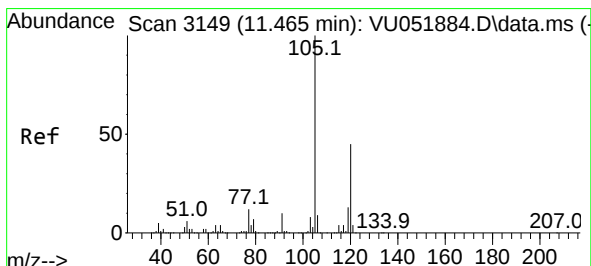
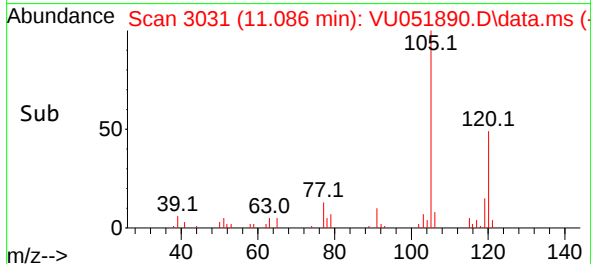
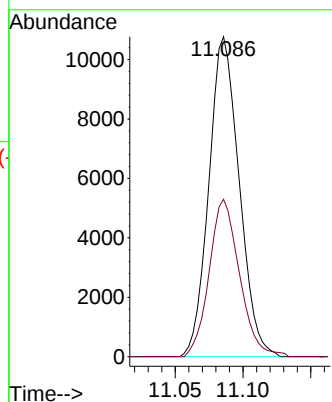
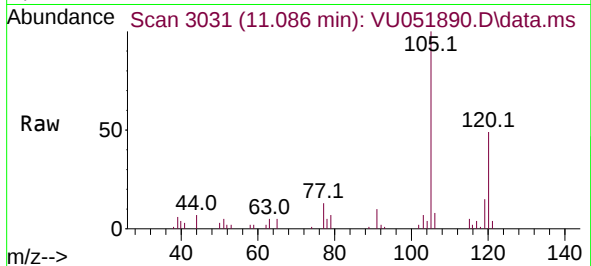




#62
 1,3,5-Trimethylbenzene
 Concen: 1.839 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. -0.000 min
 Lab File: VU051890.D
 Acq: 17 Nov 2022 12:40

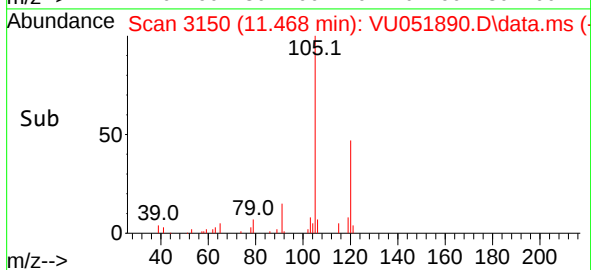
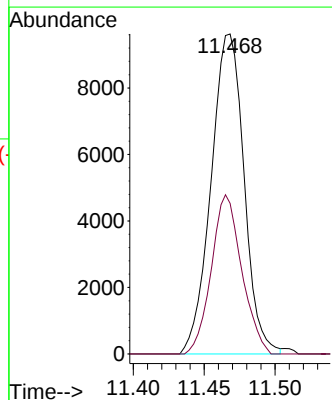
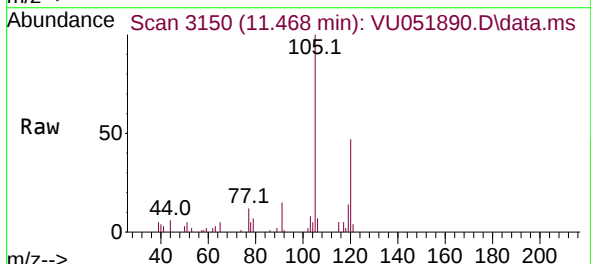
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL06

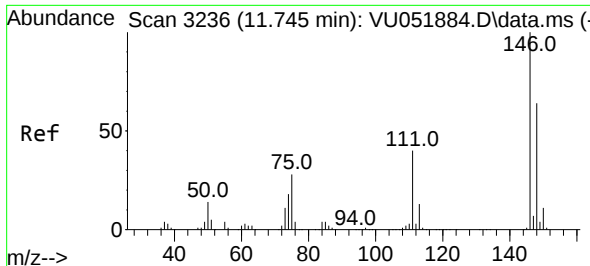
Tgt Ion:105 Resp: 16746
 Ion Ratio Lower Upper
 105 100
 120 49.2 39.1 58.7



#63
 1,2,4-Trimethylbenzene
 Concen: 1.752 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.003 min
 Lab File: VU051890.D
 Acq: 17 Nov 2022 12:40

Tgt Ion:105 Resp: 15594
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.2 54.2

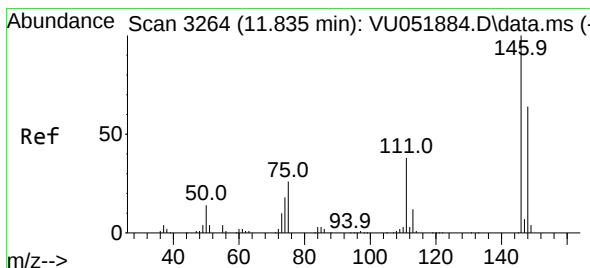
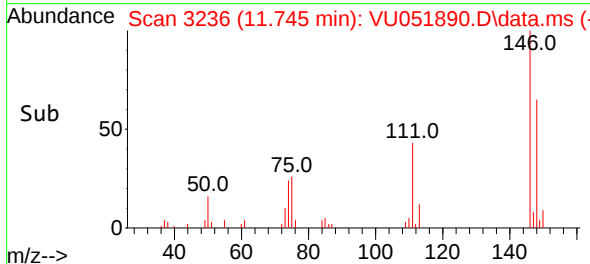
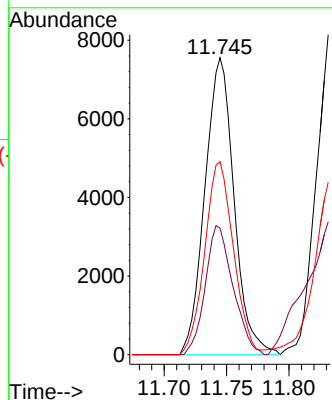
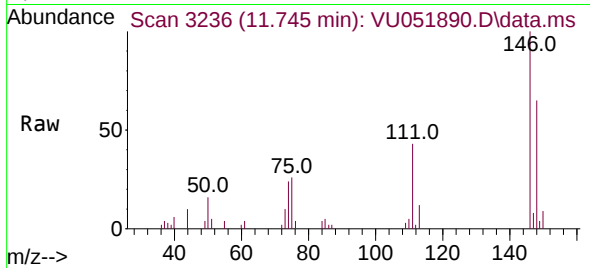




#64
1,3-Dichlorobenzene
Concen: 2.171 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

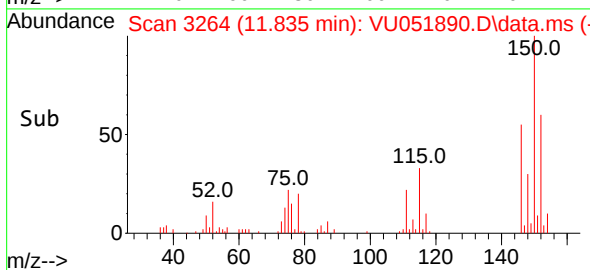
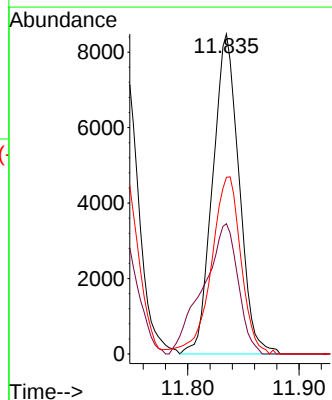
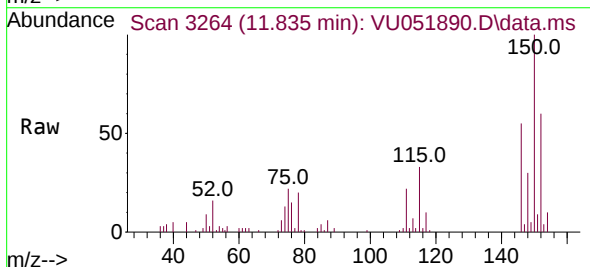
Instrument :
MSVOA_U
ClientSampleId :
MDL06

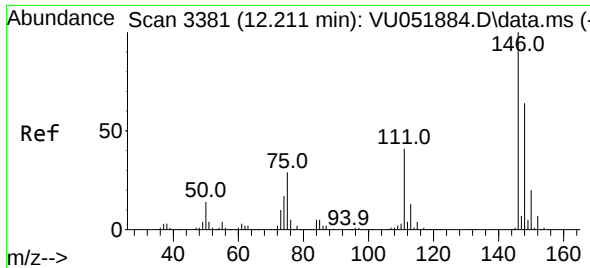
Tgt Ion:146 Resp: 12300
Ion Ratio Lower Upper
146 100
111 42.6 28.1 52.1
148 65.0 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 2.435 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

Tgt Ion:146 Resp: 13972
Ion Ratio Lower Upper
146 100
111 40.7 26.7 49.5
148 55.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 2.478 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

MDL06

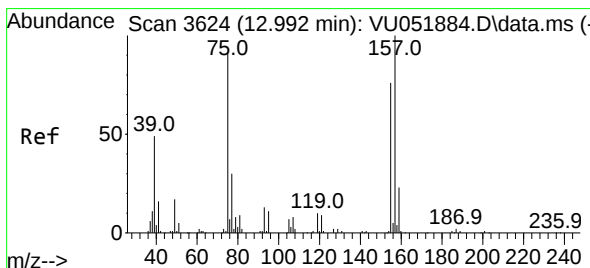
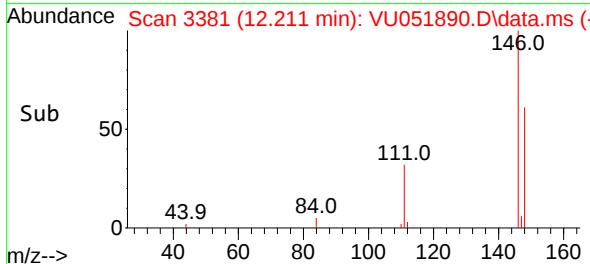
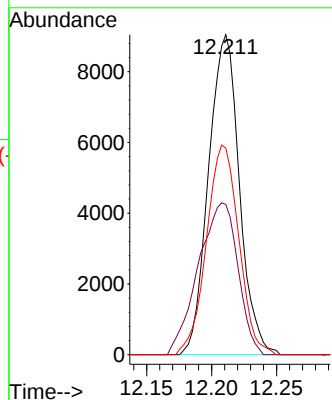
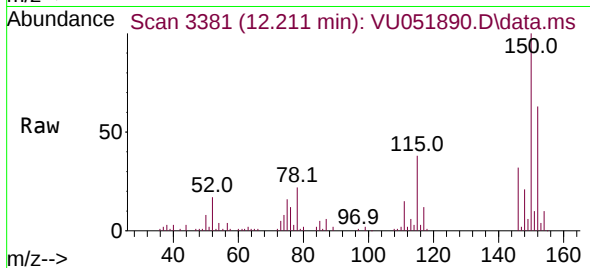
Tgt Ion:146 Resp: 14928

Ion Ratio Lower Upper

146 100

111 47.0 33.6 50.4

148 64.6 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 2.616 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.000 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

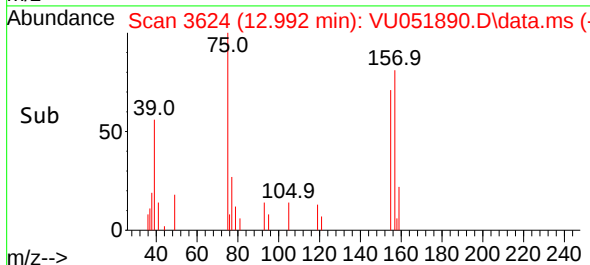
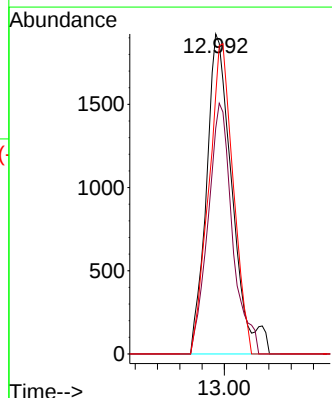
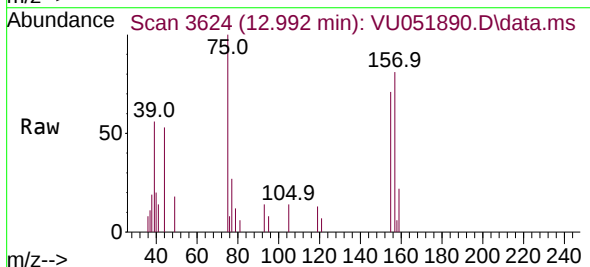
Tgt Ion: 75 Resp: 3064

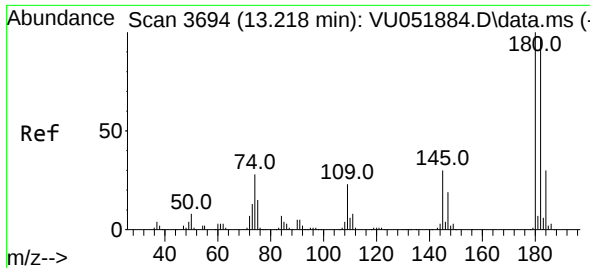
Ion Ratio Lower Upper

75 100

155 70.5 63.0 94.6

157 80.9 79.4 119.0

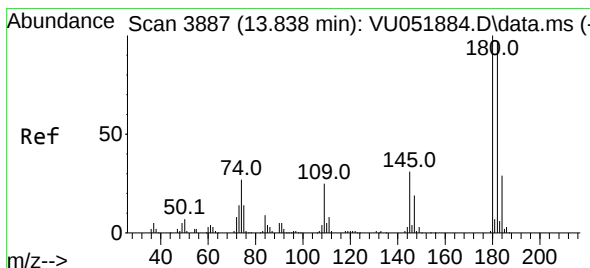
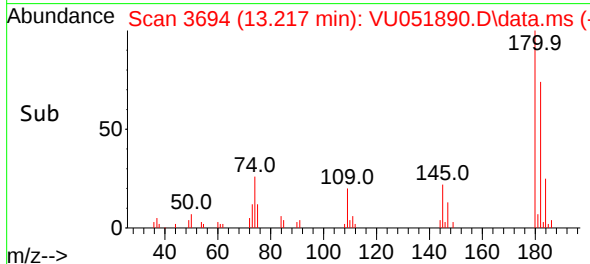
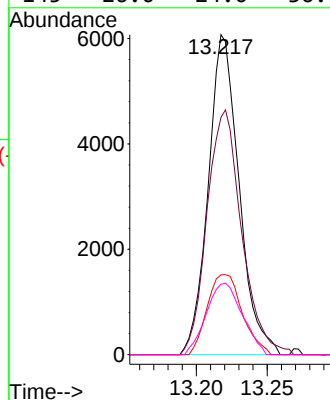
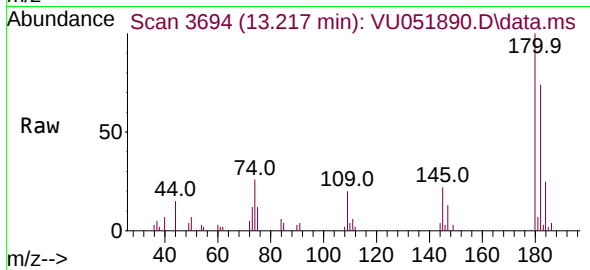




#69
1,3,5-Trichlorobenzene
Concen: 2.446 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. -0.000 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

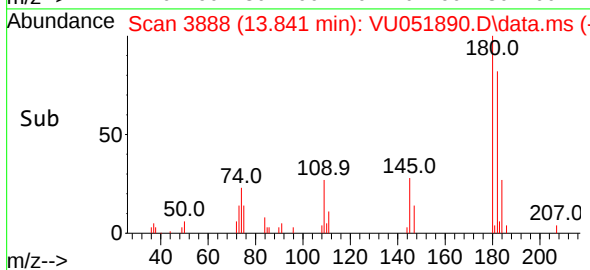
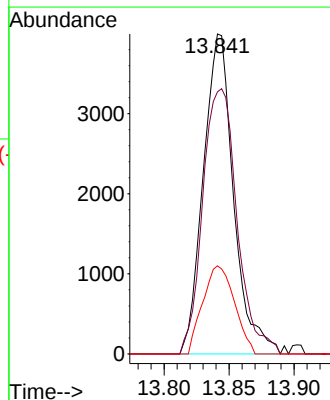
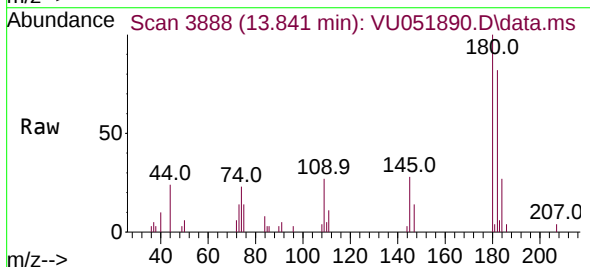
Instrument :
MSVOA_U
ClientSampleId :
MDL06

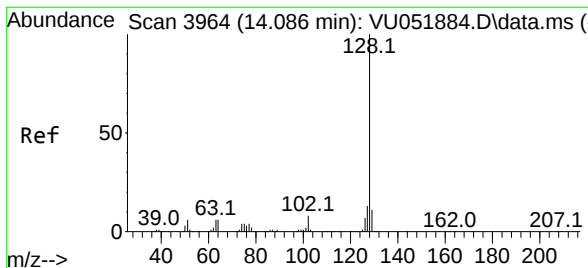
Tgt Ion:180	Resp:	9192
Ion Ratio	Lower	Upper
180	100	
182	85.7	77.0 115.4
184	28.4	23.8 35.8
145	26.0	24.0 36.0



#70
1,2,4-trichlorobenzene
Concen: 2.176 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU051890.D
Acq: 17 Nov 2022 12:40

Tgt Ion:180	Resp:	6482
Ion Ratio	Lower	Upper
180	100	
182	93.8	76.4 114.6
145	28.8	24.2 36.2





#71

Naphthalene

Concen: 1.552 ug/L

RT: 14.089 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

MDL06

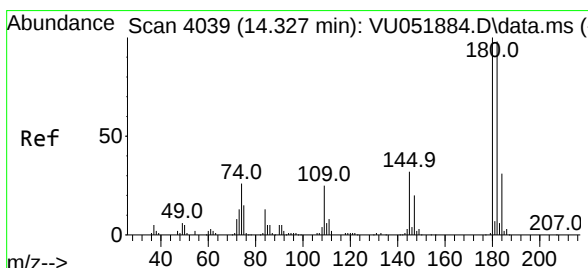
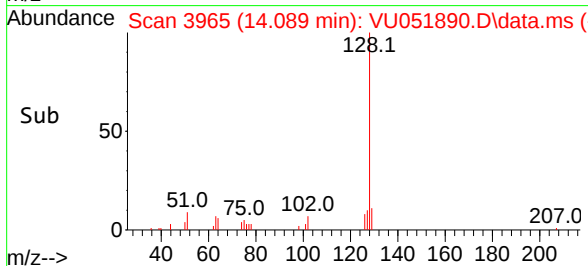
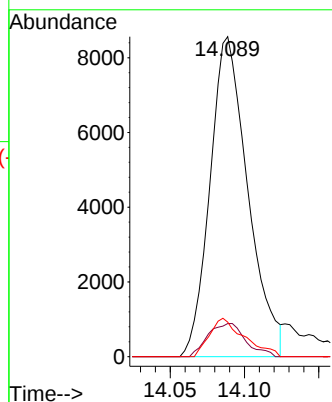
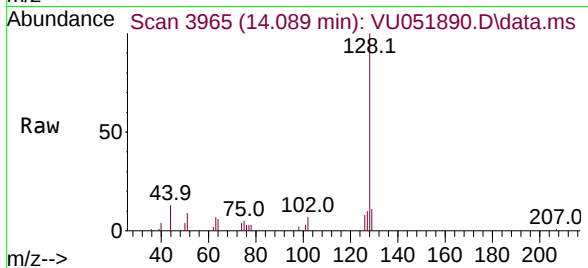
Tgt Ion:128 Resp: 15203

Ion Ratio Lower Upper

128 100

127 10.3 10.4 15.6#

129 11.0 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 1.876 ug/L

RT: 14.327 min Scan# 4039

Delta R.T. -0.000 min

Lab File: VU051890.D

Acq: 17 Nov 2022 12:40

Tgt Ion:180 Resp: 6116

Ion Ratio Lower Upper

180 100

182 95.6 76.9 115.3

145 34.7 24.9 37.3

