

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111722\
 Data File : VU051891.D
 Acq On : 17 Nov 2022 13:02
 Operator : JC/MD
 Sample : MDL07
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

Quant Time: Nov 18 01:16:28 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	490037	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	489675	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	198006	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	103465	43.008	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.020%
7) Chloroethane-d5	1.903	69	112672	46.745	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.480%
11) 1,1-Dichloroethene-d2	2.565	63	129969	30.127	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.260%
21) 2-Butanone-d5	4.617	46	273174	99.859	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.860%
24) Chloroform-d	5.060	84	275820	45.736	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.480%
26) 1,2-Dichloroethane-d4	5.700	65	174177	47.181	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.360%
32) Benzene-d6	5.726	84	492030	48.191	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.380%
36) 1,2-Dichloropropane-d6	6.687	67	184428	48.528	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.060%
41) Toluene-d8	7.896	98	375230	44.775	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.540%
43) trans-1,3-Dichloroprop...	8.176	79	69578	45.964	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.920%
47) 2-Hexanone-d5	8.629	63	179175	92.766	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.770%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	346147	46.798	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	182561	52.391	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.780%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	6977	2.319	ug/L	98
3) Chloromethane	1.523	50	12298	3.078	ug/L	96
5) Vinyl chloride	1.604	62	9868	2.381	ug/L #	19
6) Bromomethane	1.842	94	4501	2.507	ug/L	90
8) Chloroethane	1.929	64	5925	2.199	ug/L	97
9) Trichlorofluoromethane	2.134	101	11352	2.288	ug/L	87
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	8384	2.681	ug/L	91
12) 1,1-Dichloroethene	2.578	96	7674	2.628	ug/L #	1
13) Acetone	2.626	43	11405	3.897	ug/L	96
14) Carbon disulfide	2.793	76	18495	2.286	ug/L	97
15) Methyl Acetate	2.951	43	9372	2.349	ug/L	90
16) Methylene chloride	3.044	84	13826	2.966	ug/L	95
17) trans-1,2-Dichloroethene	3.356	96	6964	2.213	ug/L	89
18) Methyl tert-butyl Ether	3.359	73	20145	2.068	ug/L #	87
19) 1,1-Dichloroethane	3.871	63	15193	2.372	ug/L	93
20) cis-1,2-Dichloroethene	4.668	96	8669	2.360	ug/L	88
22) 2-Butanone	4.713	43	10686	3.233	ug/L	73
23) Bromochloromethane	4.980	128	4496	2.218	ug/L	92
25) Chloroform	5.083	83	16984	2.541	ug/L	98

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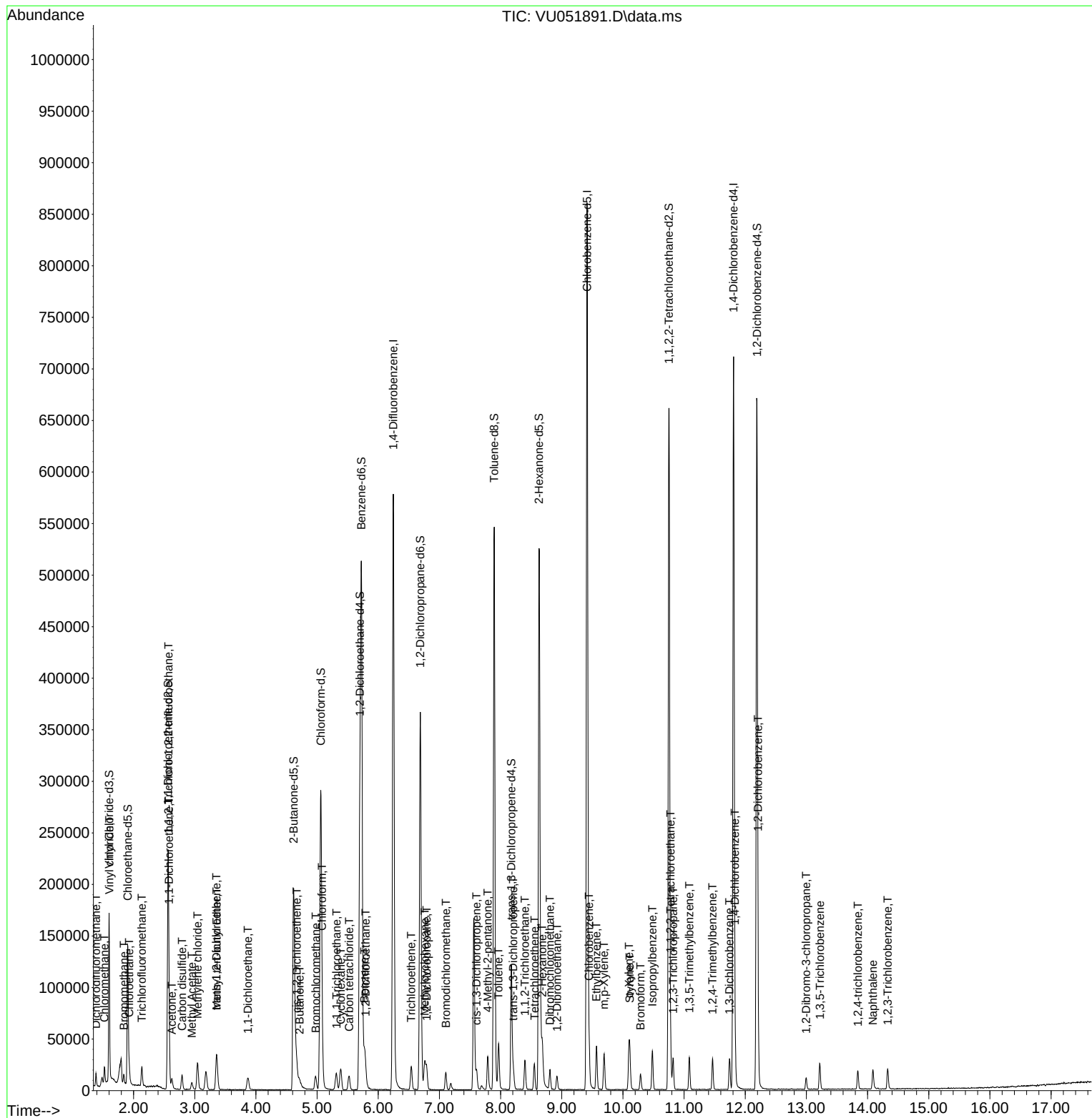
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	11523	2.333	ug/L	99
29) Cyclohexane	5.388	56	8099	1.939	ug/L	86
30) 1,1,1-Trichloroethane	5.317	97	11211	2.265	ug/L	99
31) Carbon tetrachloride	5.523	117	9276	2.241	ug/L	92
33) Benzene	5.774	78	33271	2.362	ug/L	100
34) Trichloroethene	6.539	95	7049	2.112	ug/L	92
35) Methylcyclohexane	6.761	83	10256	2.267	ug/L	96
37) 1,2-Dichloropropane	6.790	63	9053	2.270	ug/L #	97
38) Bromodichloromethane	7.105	83	11569	2.318	ug/L #	96
39) cis-1,3-Dichloropropene	7.607	75	11552	2.214	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	20642	3.930	ug/L	96
42) Toluene	7.967	91	32772	2.262	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	13918	2.784	ug/L	96
45) 1,1,2-Trichloroethane	8.398	97	9116	2.249	ug/L	95
46) Tetrachloroethene	8.555	164	5568	2.089	ug/L	96
48) 2-Hexanone	8.684	43	23098	5.120	ug/L #	92
49) Dibromochloromethane	8.809	129	9416	2.253	ug/L	99
50) 1,2-Dibromoethane	8.922	107	9308	2.281	ug/L #	92
51) Chlorobenzene	9.446	112	22279	2.250	ug/L	92
52) Ethylbenzene	9.568	91	29509	1.990	ug/L	100
53) m,p-Xylene	9.693	106	10879	1.896	ug/L	93
54) o-Xylene	10.099	106	10439	1.787	ug/L	99
55) Styrene	10.115	104	16394	1.627	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.777	83	17692	2.310	ug/L #	95
59) Bromoform	10.288	173	7132	2.657	ug/L	94
60) 1,2,3-Trichloropropane	10.822	75	12794	2.701	ug/L	99
61) Isopropylbenzene	10.481	105	23860	2.062	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	17691	1.876	ug/L	96
63) 1,2,4-Trimethylbenzene	11.465	105	16265	1.765	ug/L	97
64) 1,3-Dichlorobenzene	11.742	146	13234	2.256	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	14395	2.424	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	15924	2.553	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	3347	2.760	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	9055	2.327	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	6650	2.156	ug/L	95
71) Naphthalene	14.086	128	18186	1.793	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	7177	2.126	ug/L	98

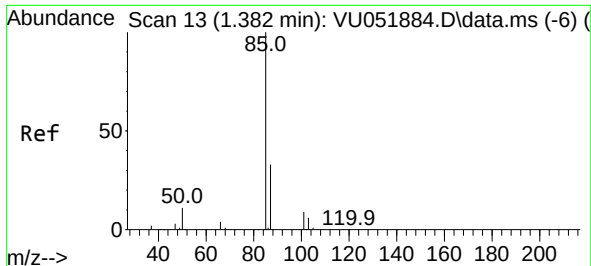
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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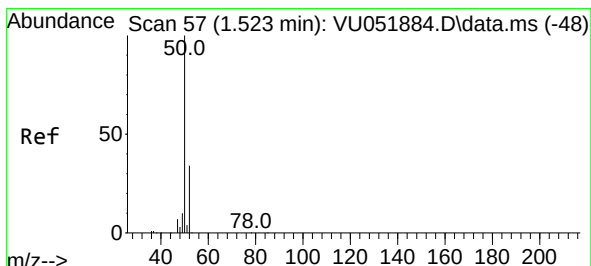
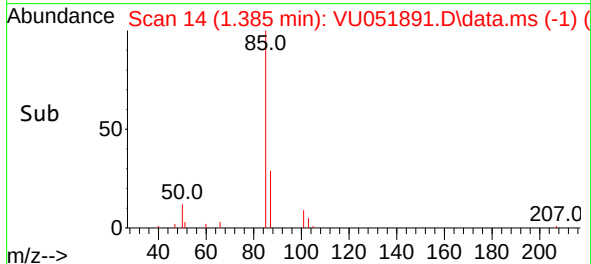
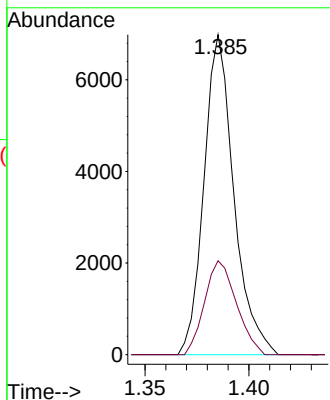
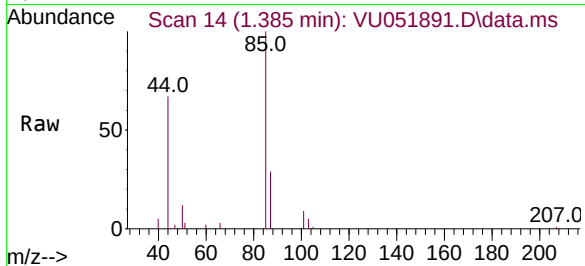




#2
Dichlorodifluoromethane
Concen: 2.319 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

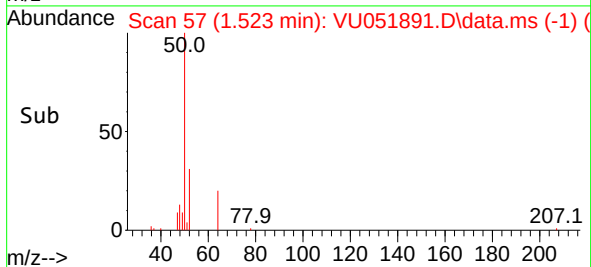
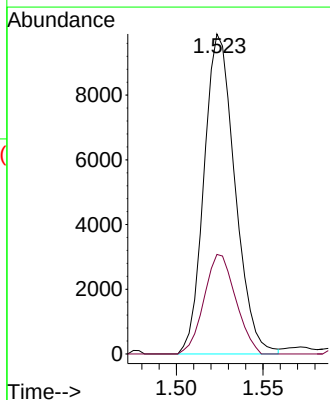
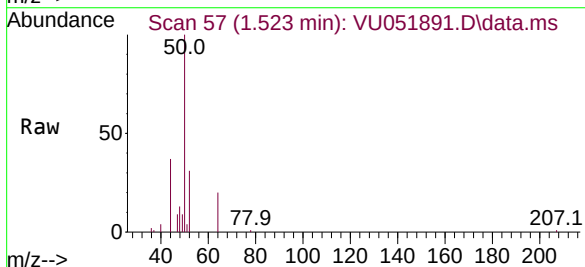
Instrument :
MSVOA_U
ClientSampleId :
MDL07

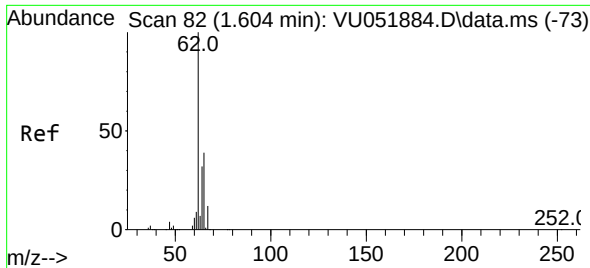
Tgt Ion: 85 Resp: 6977
Ion Ratio Lower Upper
85 100
87 31.2 26.0 39.0



#3
Chloromethane
Concen: 3.078 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Tgt Ion: 50 Resp: 12298
Ion Ratio Lower Upper
50 100
52 31.1 23.4 43.6

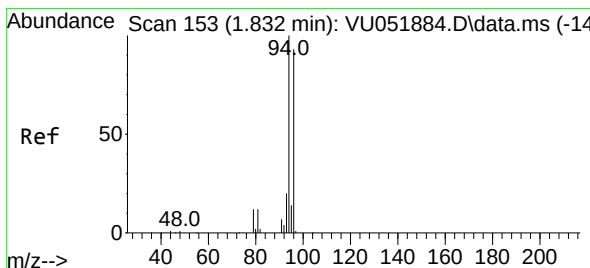
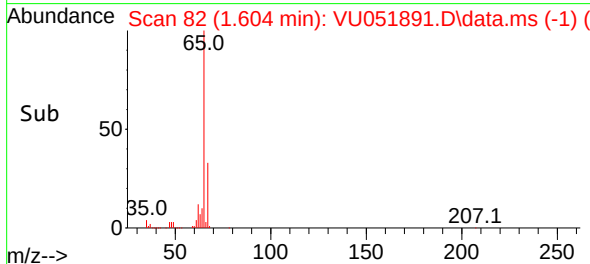
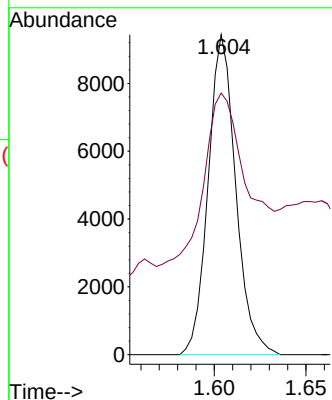
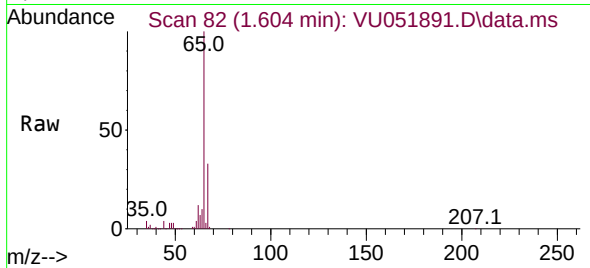




#5
 Vinyl chloride
 Concen: 2.381 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051891.D
 Acq: 17 Nov 2022 13:02

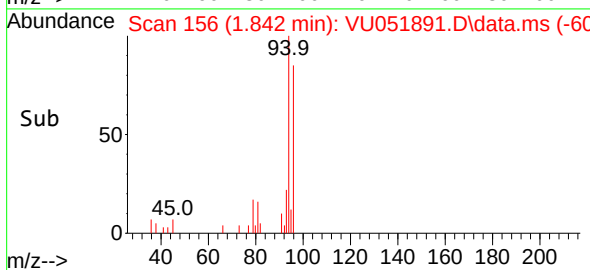
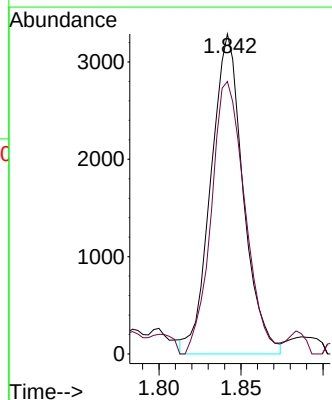
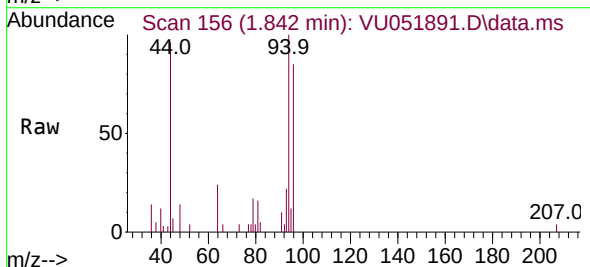
Instrument :
 MSVOA_U
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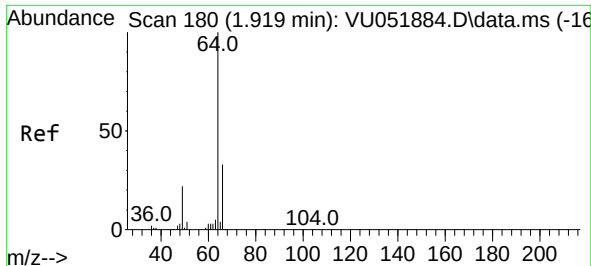
Tgt Ion: 62 Resp: 9868
 Ion Ratio Lower Upper
 62 100
 64 81.7 24.3 45.1#



#6
 Bromomethane
 Concen: 2.507 ug/L
 RT: 1.842 min Scan# 156
 Delta R.T. 0.010 min
 Lab File: VU051891.D
 Acq: 17 Nov 2022 13:02

Tgt Ion: 94 Resp: 4501
 Ion Ratio Lower Upper
 94 100
 96 85.1 66.1 122.7

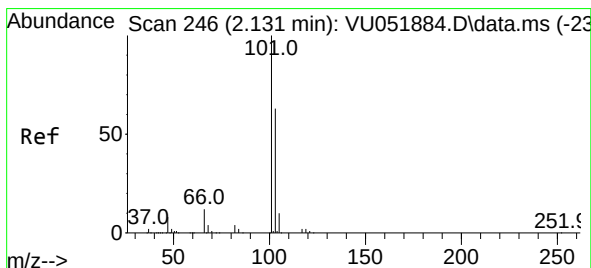
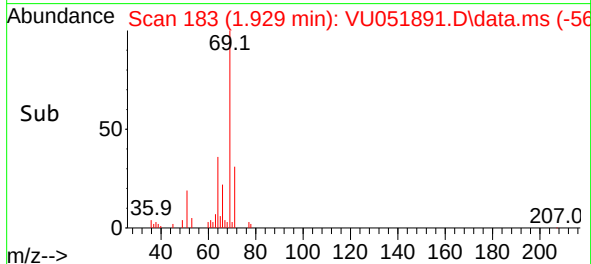
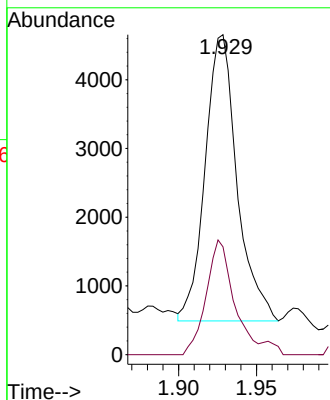
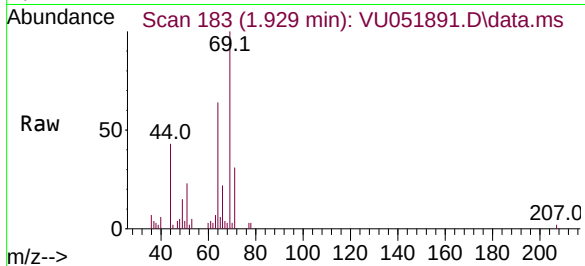




#8
Chloroethane
Concen: 2.199 ug/L
RT: 1.929 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

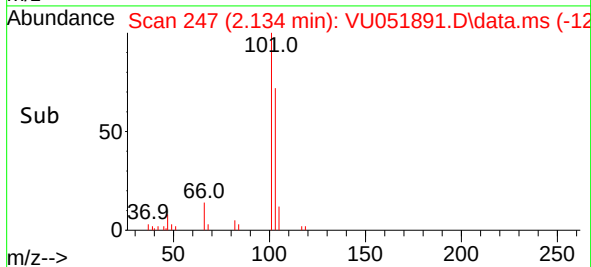
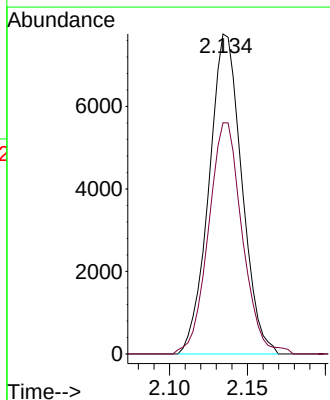
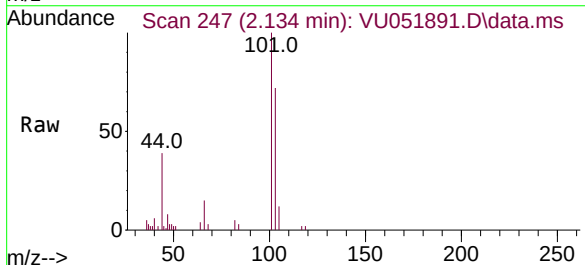
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MSVOA_U
ClientSampleId :
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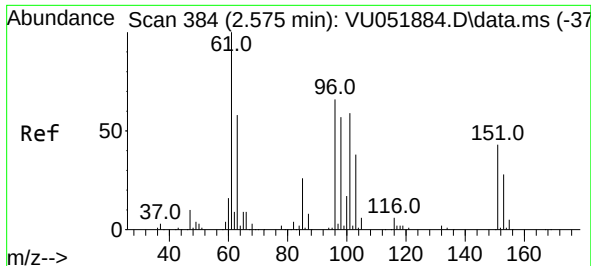
Tgt Ion: 64 Resp: 5925
Ion Ratio Lower Upper
64 100
66 33.7 22.4 41.6



#9
Trichlorofluoromethane
Concen: 2.288 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.003 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Tgt Ion: 101 Resp: 11352
Ion Ratio Lower Upper
101 100
103 74.1 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.681 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.003 min

Lab File: VU051891.D

Acq: 17 Nov 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

MDL07

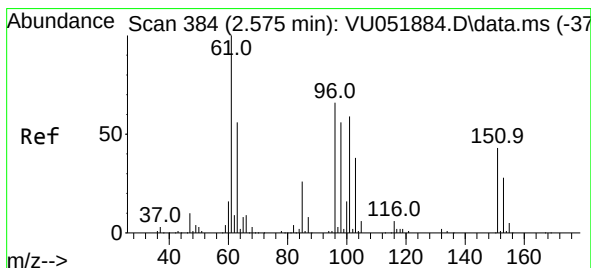
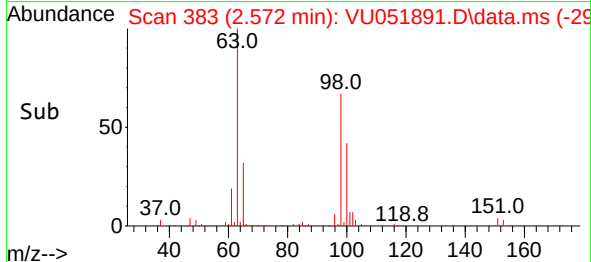
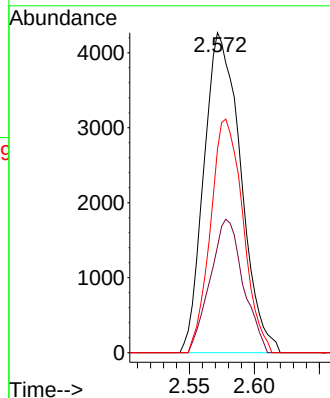
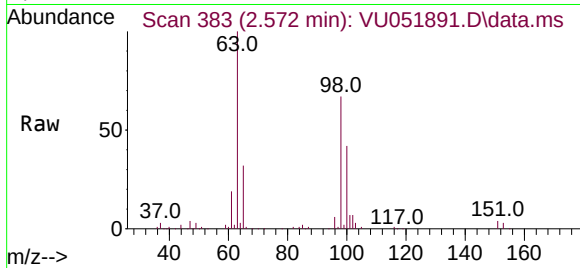
Tgt Ion:101 Resp: 8384

Ion Ratio Lower Upper

101 100

85 37.5 34.2 51.2

151 64.5 58.3 87.5



#12

1,1-Dichloroethene

Concen: 2.628 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU051891.D

Acq: 17 Nov 2022 13:02

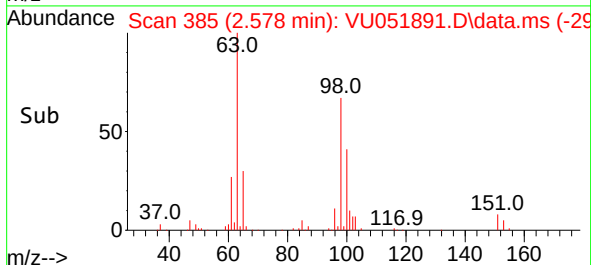
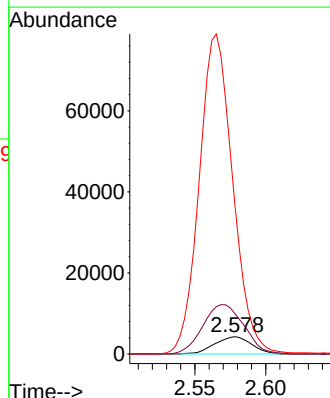
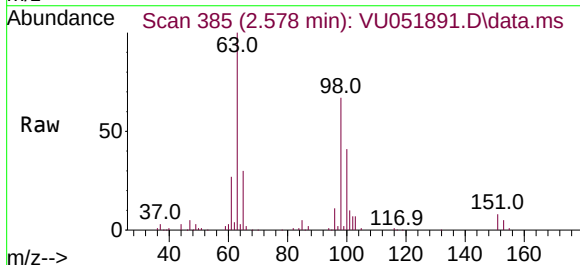
Tgt Ion: 96 Resp: 7674

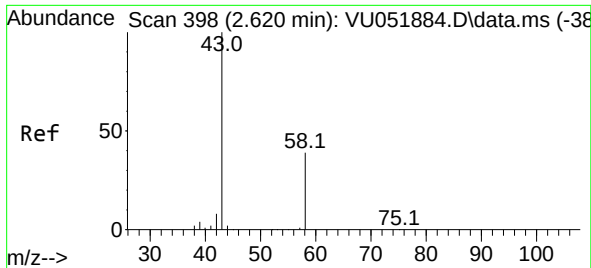
Ion Ratio Lower Upper

96 100

61 235.8 110.7 205.5#

63 880.4 68.6 127.4#





#13

Acetone

Concen: 3.897 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.006 min

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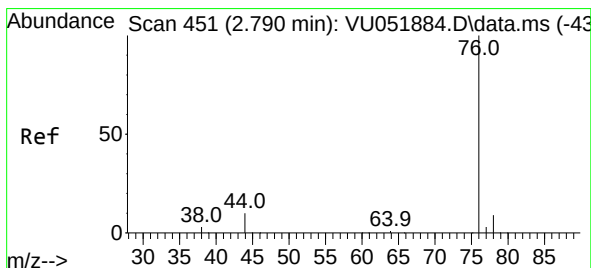
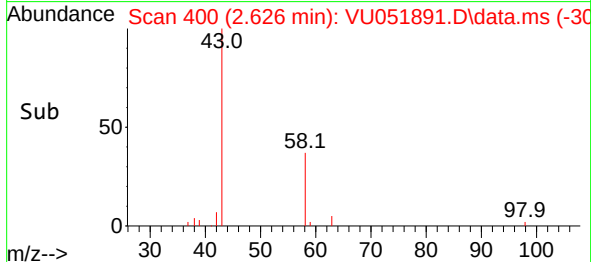
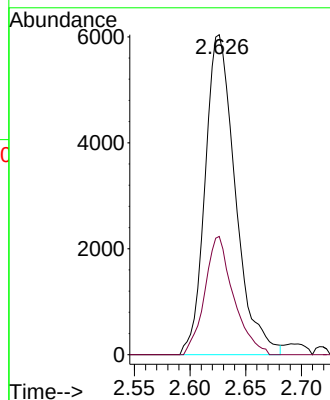
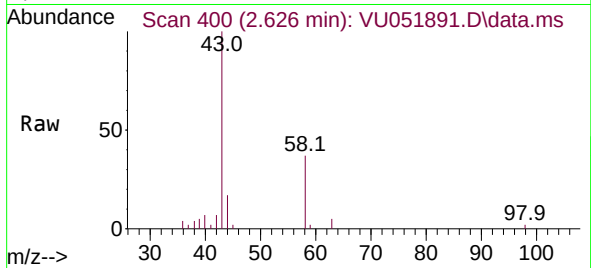
MDL07

Tgt Ion: 43 Resp: 11405

Ion Ratio Lower Upper

43 100

58 35.2 0.0 75.4



#14

Carbon disulfide

Concen: 2.286 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU051891.D

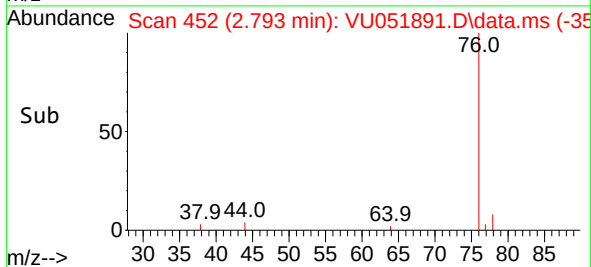
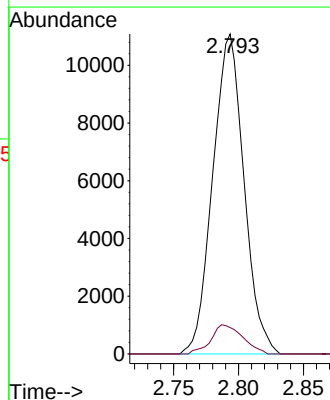
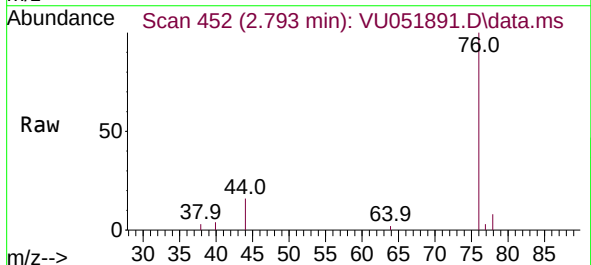
Acq: 17 Nov 2022 13:02

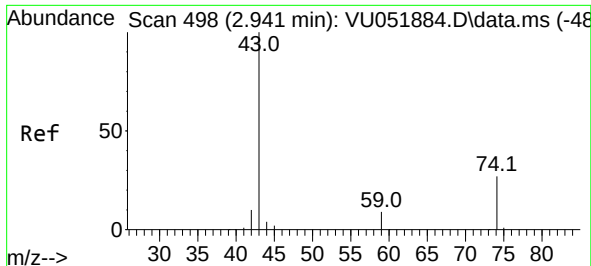
Tgt Ion: 76 Resp: 18495

Ion Ratio Lower Upper

76 100

78 8.2 7.4 11.0

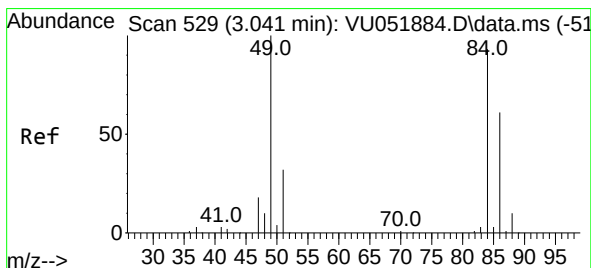
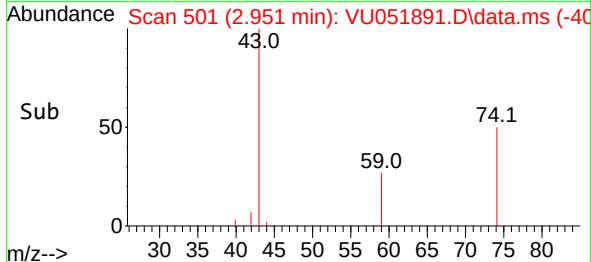
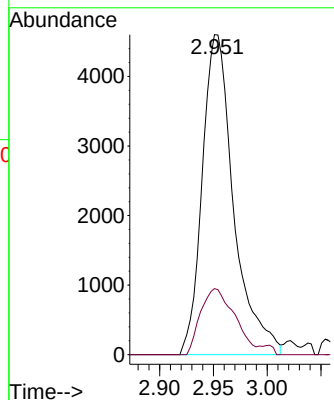
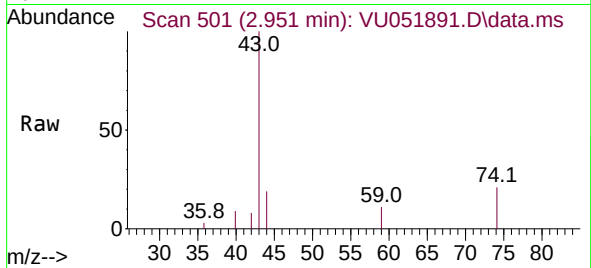




#15
Methyl Acetate
Concen: 2.349 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.010 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

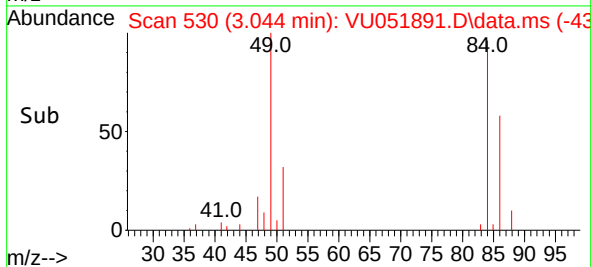
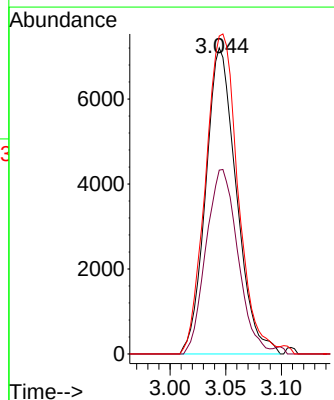
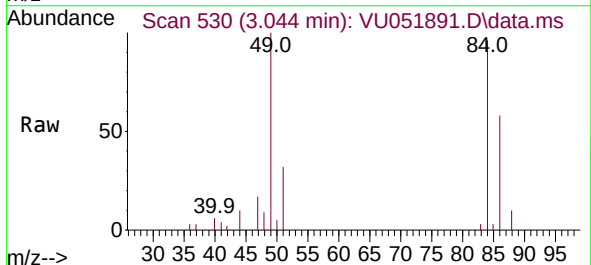
Instrument :
MSVOA_U
ClientSampleId :
MDL07

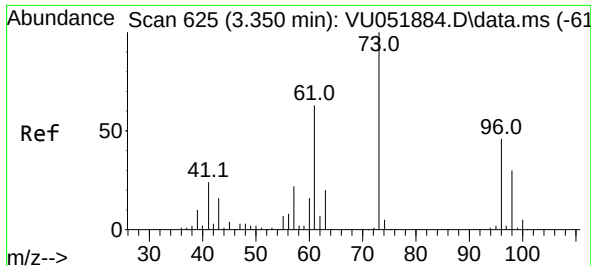
Tgt Ion: 43 Resp: 9372
Ion Ratio Lower Upper
43 100
74 22.3 21.8 32.8



#16
Methylene chloride
Concen: 2.966 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Tgt Ion: 84 Resp: 13826
Ion Ratio Lower Upper
84 100
86 60.1 44.7 82.9
49 103.9 76.5 142.1





#17

trans-1,2-Dichloroethene

Concen: 2.213 ug/L

RT: 3.356 min Scan# 61

Delta R.T. 0.006 min

Lab File: VU051891.D

Acq: 17 Nov 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

MDL07

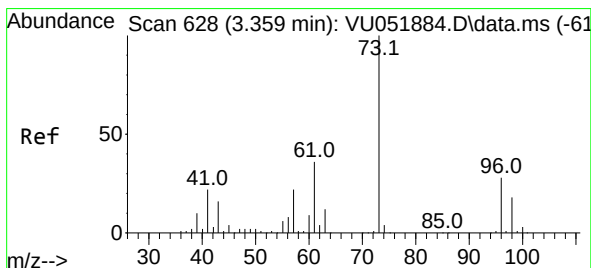
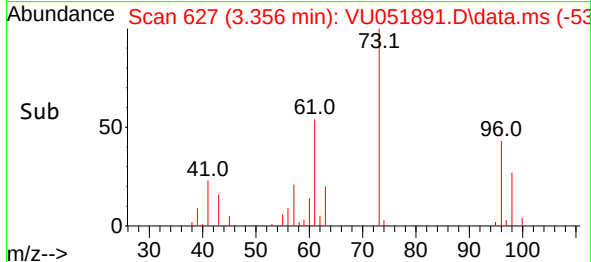
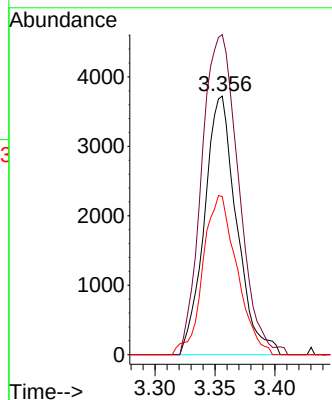
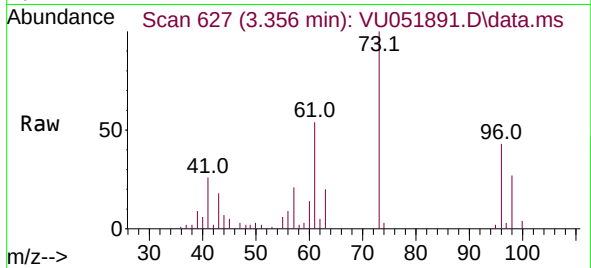
Tgt Ion: 96 Resp: 6964

Ion Ratio Lower Upper

96 100

61 123.7 98.3 182.7

98 61.2 45.5 84.5



#18

Methyl tert-butyl Ether

Concen: 2.068 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU051891.D

Acq: 17 Nov 2022 13:02

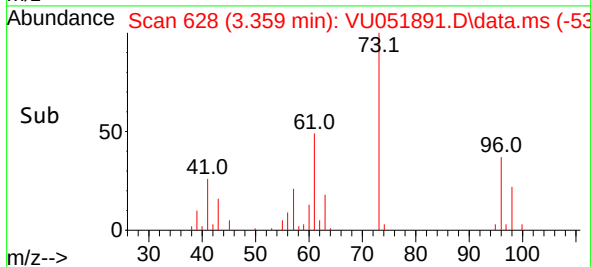
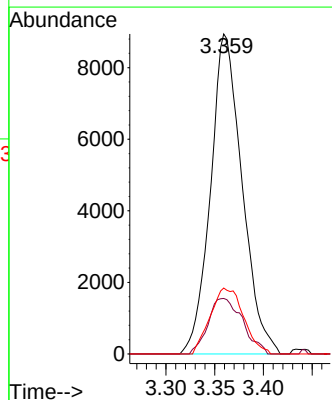
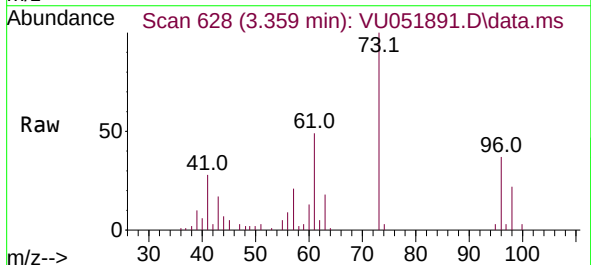
Tgt Ion: 73 Resp: 20145

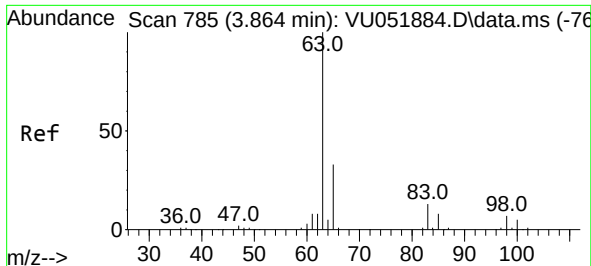
Ion Ratio Lower Upper

73 100

43 19.0 13.4 20.0

57 13.2 17.7 26.5#





#19

1,1-Dichloroethane

Concen: 2.372 ug/L

RT: 3.871 min Scan# 785

Delta R.T. 0.006 min

Lab File: VU051891.D

Acq: 17 Nov 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

MDL07

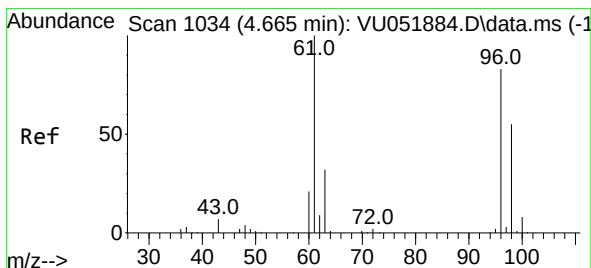
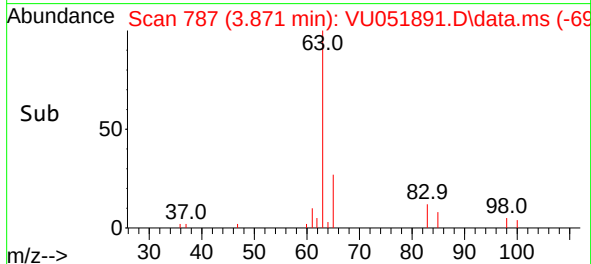
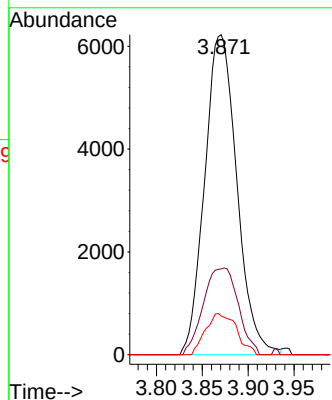
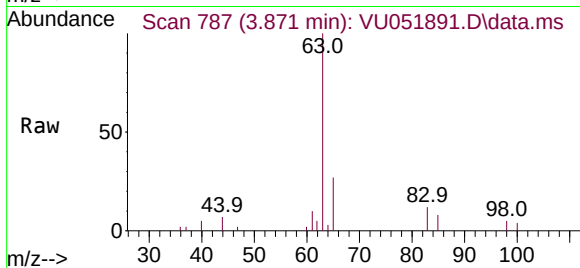
Tgt Ion: 63 Resp: 15193

Ion Ratio Lower Upper

63 100

65 26.8 22.2 41.2

83 12.1 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 2.360 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU051891.D

Acq: 17 Nov 2022 13:02

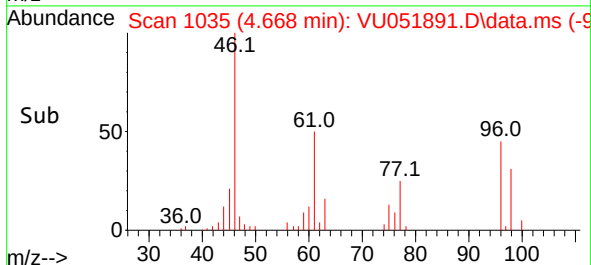
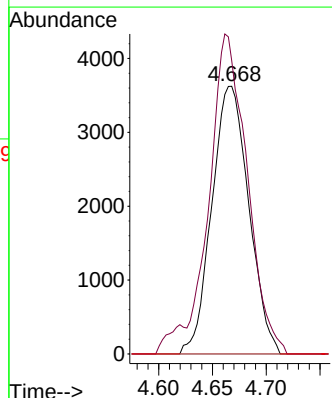
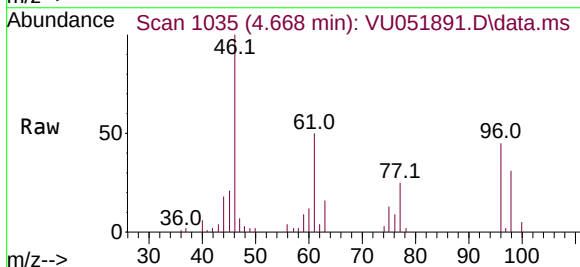
Tgt Ion: 96 Resp: 8669

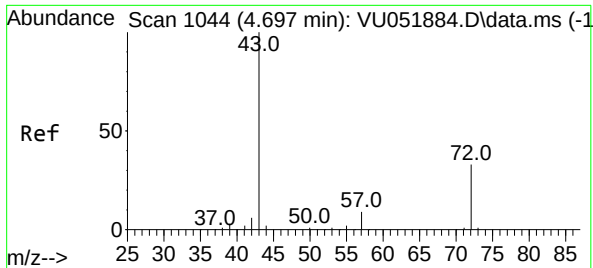
Ion Ratio Lower Upper

96 100

61 109.5 86.0 159.8

68 0.0 0.0 0.0

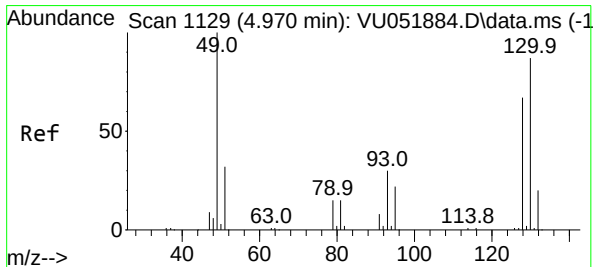
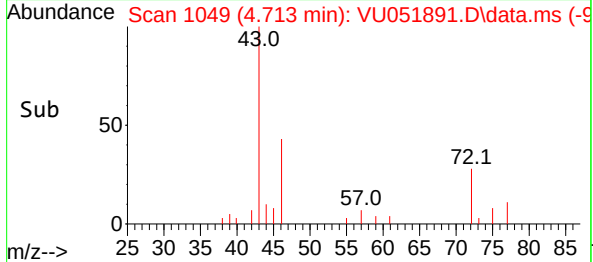
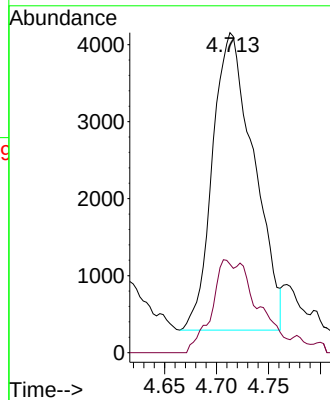
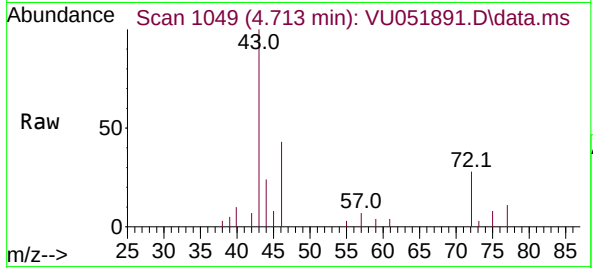




#22
2-Butanone
Concen: 3.233 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. 0.016 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

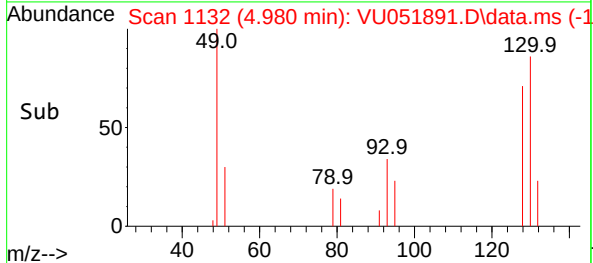
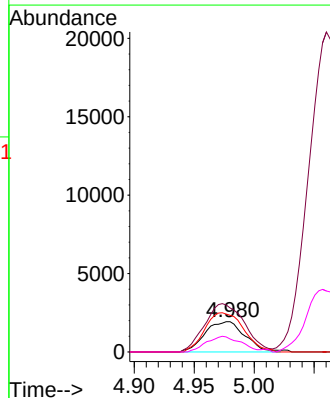
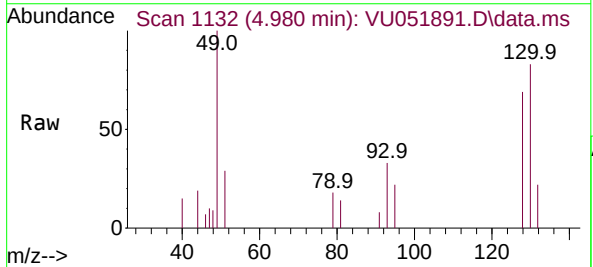
Instrument :
MSVOA_U
ClientSampleId :
MDL07

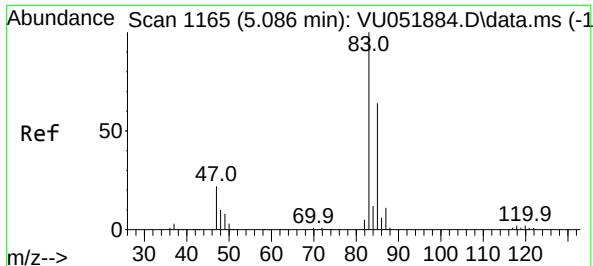
Tgt Ion: 43 Resp: 10686
Ion Ratio Lower Upper
43 100
72 16.3 15.7 47.1



#23
Bromochloromethane
Concen: 2.218 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.010 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Tgt Ion: 128 Resp: 4496
Ion Ratio Lower Upper
128 100
49 145.3 107.2 199.0
130 120.7 92.5 171.7
51 42.6 38.8 58.2





#25

Chloroform

Concen: 2.541 ug/L

RT: 5.083 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU051891.D

Acq: 17 Nov 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

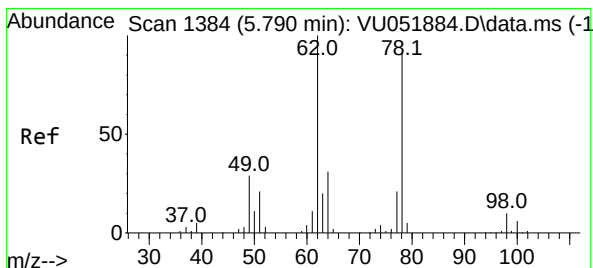
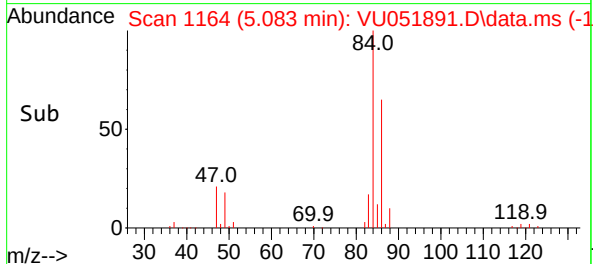
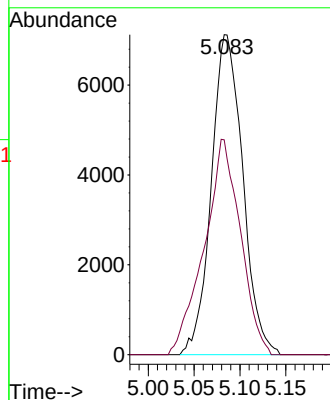
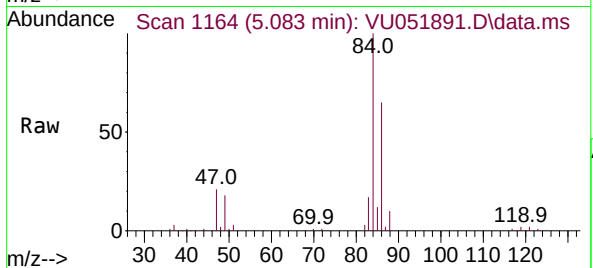
MDL07

Tgt Ion: 83 Resp: 16984

Ion Ratio Lower Upper

83 100

85 67.1 45.6 84.8



#27

1,2-Dichloroethane

Concen: 2.333 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.003 min

Lab File: VU051891.D

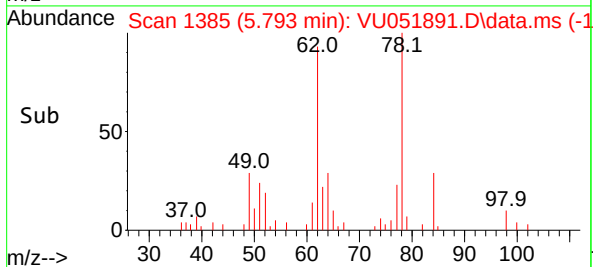
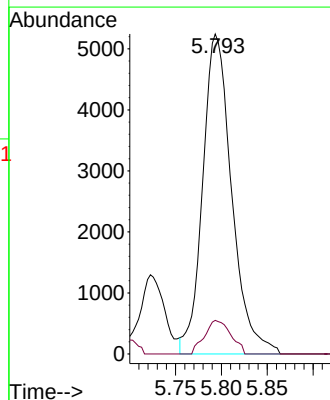
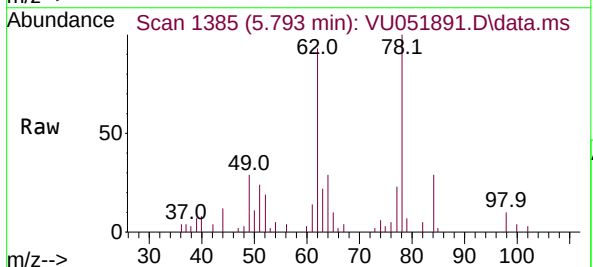
Acq: 17 Nov 2022 13:02

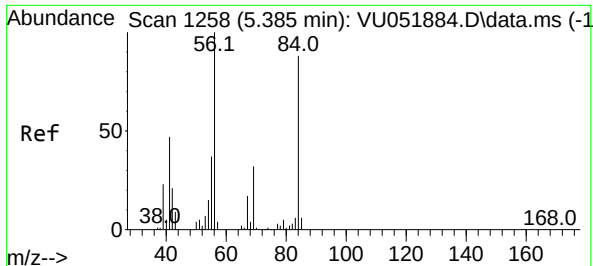
Tgt Ion: 62 Resp: 11523

Ion Ratio Lower Upper

62 100

98 10.5 8.1 12.1





#29

Cyclohexane

Concen: 1.939 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.003 min

Lab File: VU051891.D

Acq: 17 Nov 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

MDL07

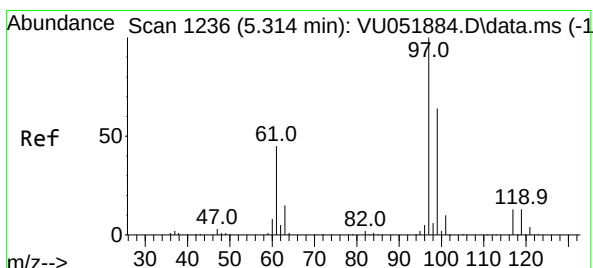
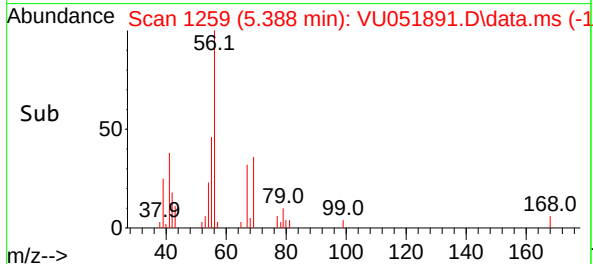
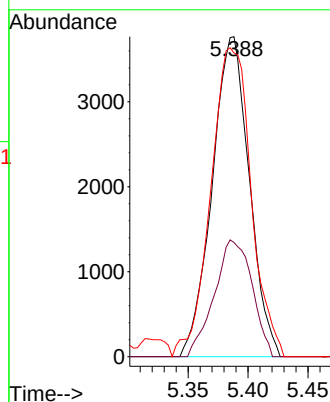
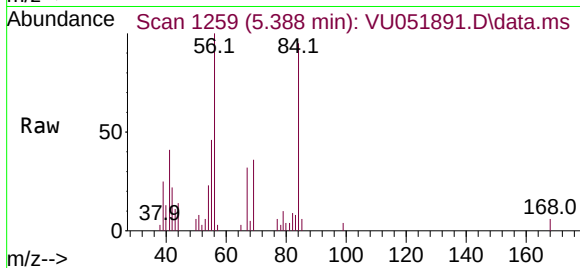
Tgt Ion: 56 Resp: 8099

Ion Ratio Lower Upper

56 100

69 37.1 25.4 38.2

84 103.6 71.4 107.0



#30

1,1,1-Trichloroethane

Concen: 2.265 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VU051891.D

Acq: 17 Nov 2022 13:02

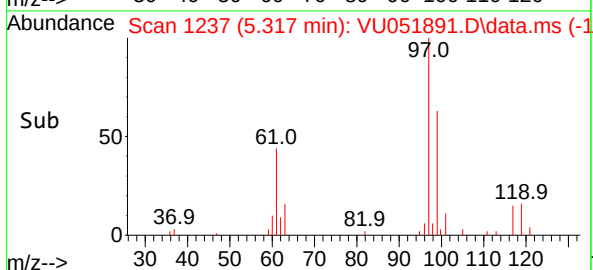
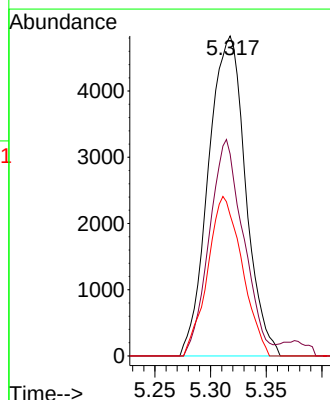
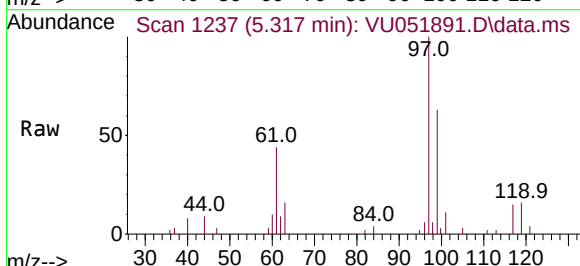
Tgt Ion: 97 Resp: 11211

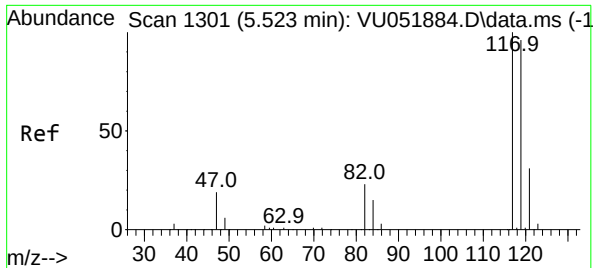
Ion Ratio Lower Upper

97 100

99 62.4 51.2 76.8

61 46.4 37.4 56.2

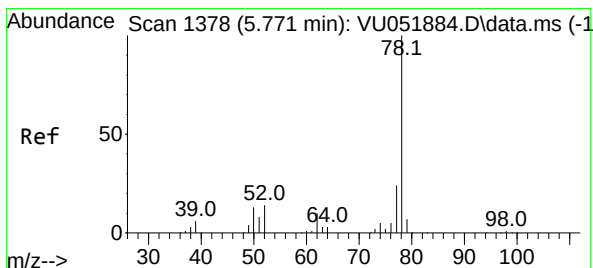
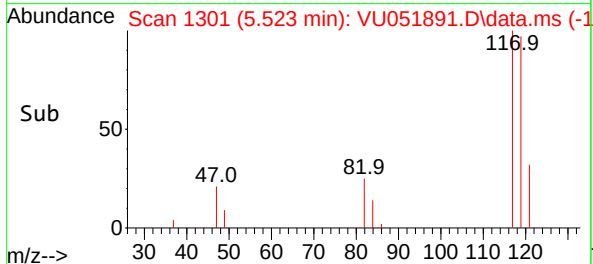
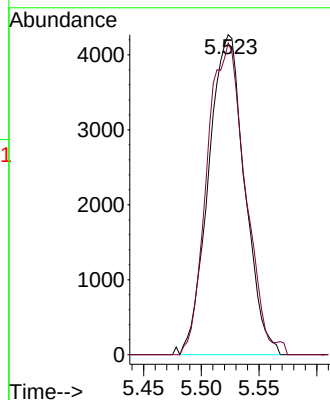
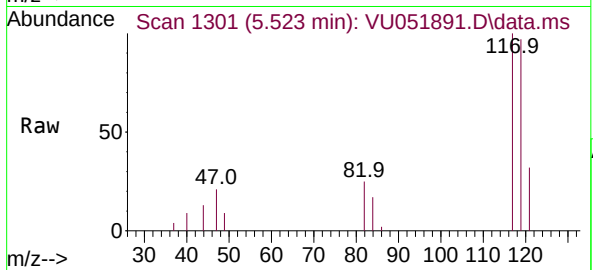




#31
Carbon tetrachloride
Concen: 2.241 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

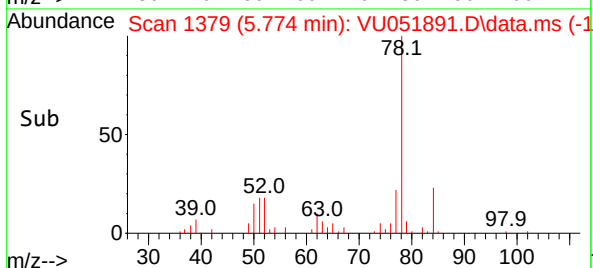
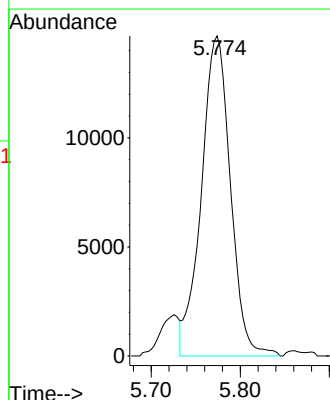
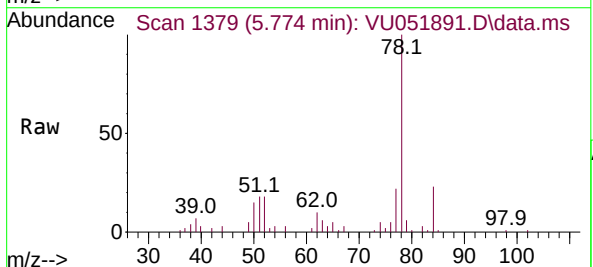
Instrument :
MSVOA_U
ClientSampleId :
MDL07

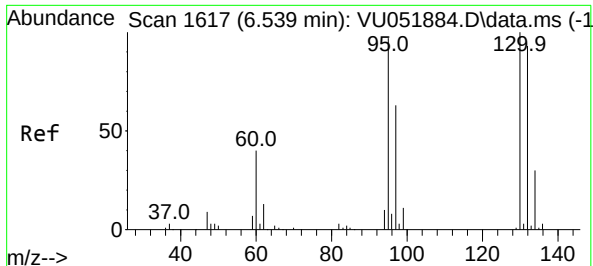
Tgt Ion:117 Resp: 9276
Ion Ratio Lower Upper
117 100
119 102.5 75.6 113.4



#33
Benzene
Concen: 2.362 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Tgt Ion: 78 Resp: 33271



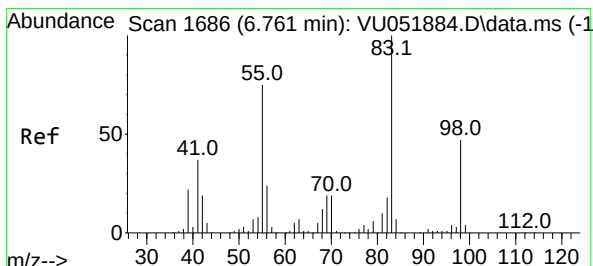
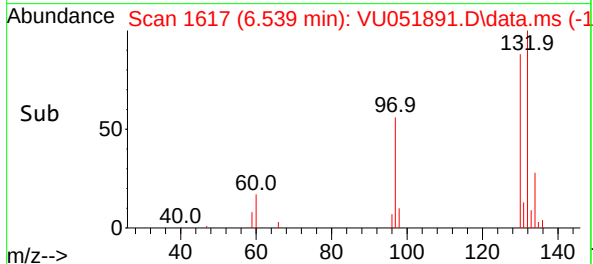
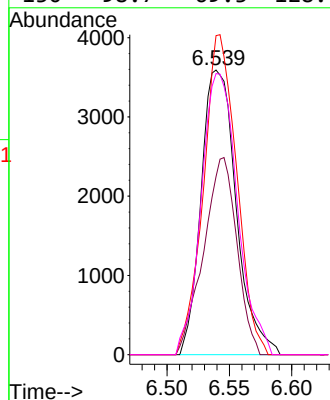
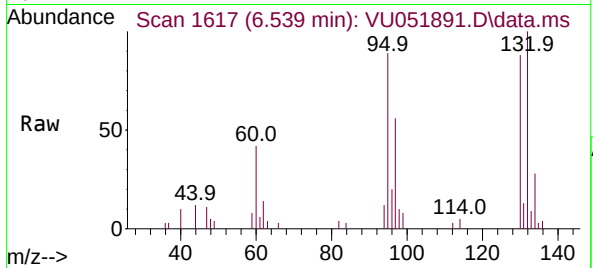


#34
Trichloroethene
Concen: 2.112 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion: 95 Resp: 7049

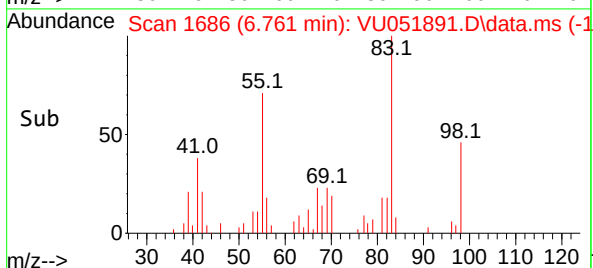
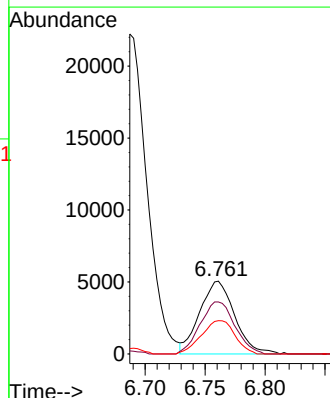
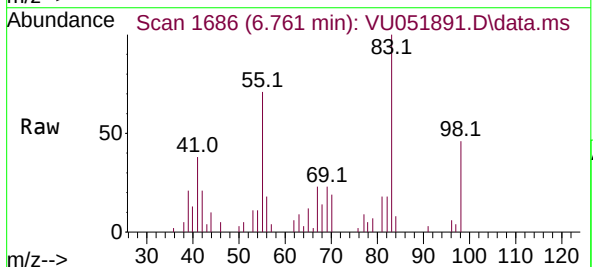
Ion	Ratio	Lower	Upper
95	100		
97	62.6	45.8	85.0
132	112.1	65.3	121.3
130	98.7	69.3	128.7

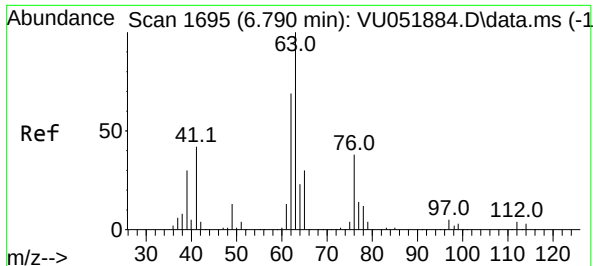


#35
Methylcyclohexane
Concen: 2.267 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Tgt Ion: 83 Resp: 10256

Ion	Ratio	Lower	Upper
83	100		
55	70.8	60.0	90.0
98	43.9	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: VU051891.D

Acq: 17 Nov 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

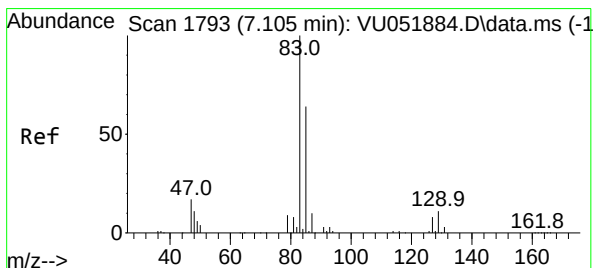
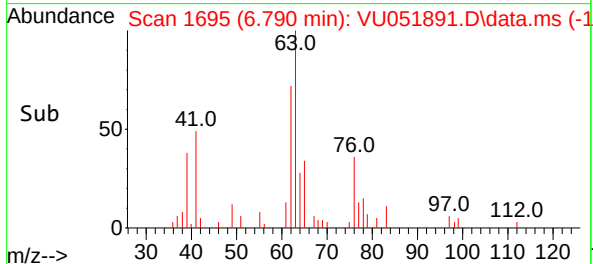
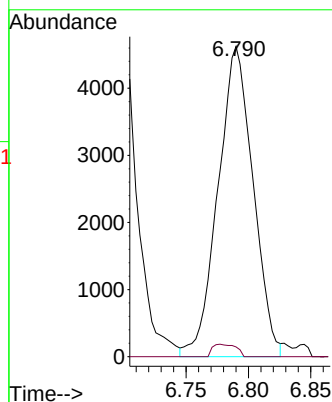
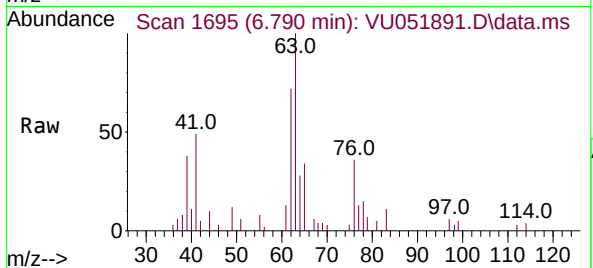
MDL07

Tgt Ion: 63 Resp: 9053

Ion Ratio Lower Upper

63 100

112 2.7 3.0 4.6#



#38

Bromodichloromethane

Concen: 2.318 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU051891.D

Acq: 17 Nov 2022 13:02

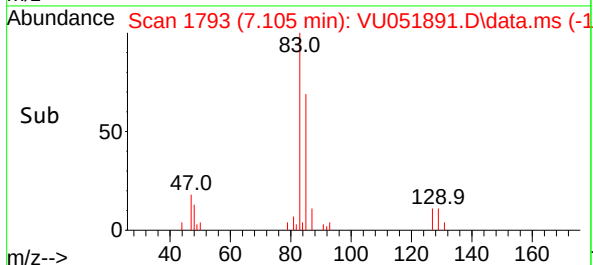
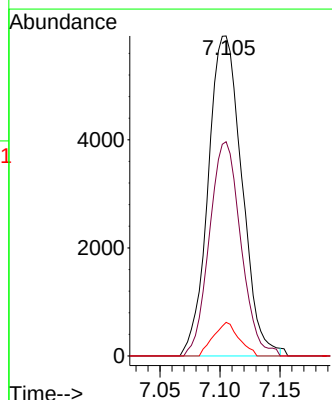
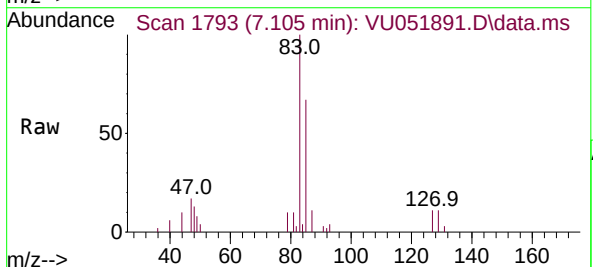
Tgt Ion: 83 Resp: 11569

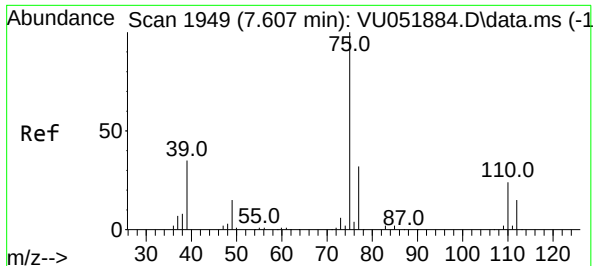
Ion Ratio Lower Upper

83 100

85 67.0 44.6 82.8

127 10.5 6.5 9.7#





#39

cis-1,3-Dichloropropene

Concen: 2.214 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU051891.D

Acq: 17 Nov 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

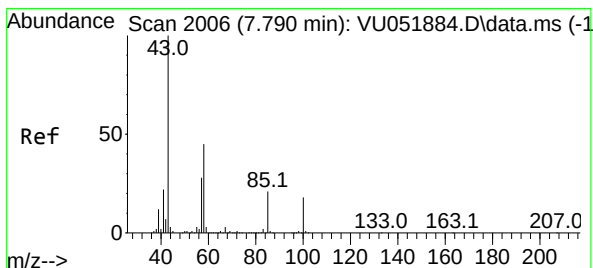
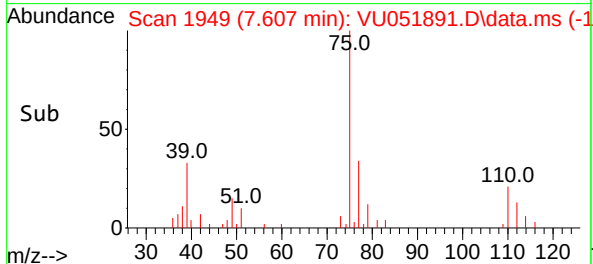
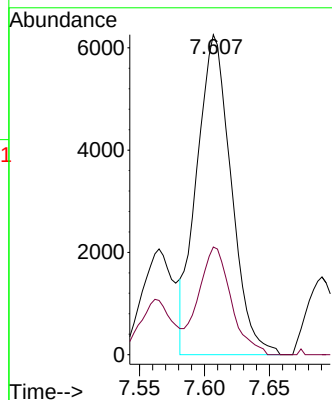
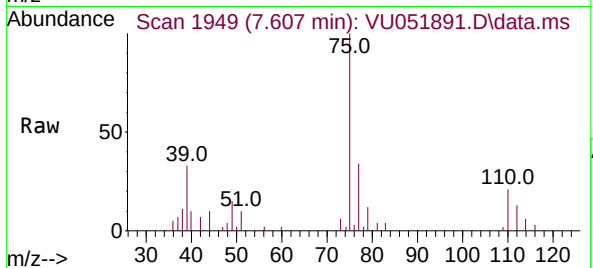
MDL07

Tgt Ion: 75 Resp: 11552

Ion Ratio Lower Upper

75 100

77 33.7 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 3.930 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU051891.D

Acq: 17 Nov 2022 13:02

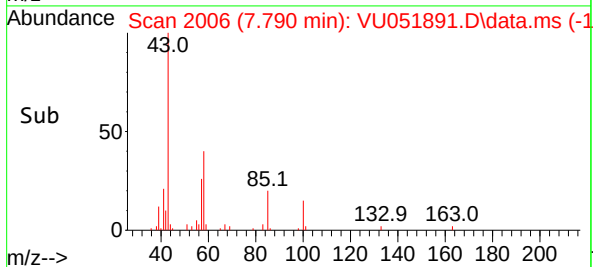
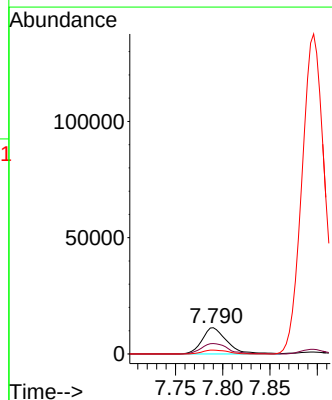
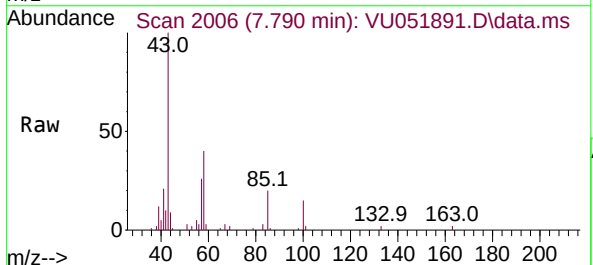
Tgt Ion: 43 Resp: 20642

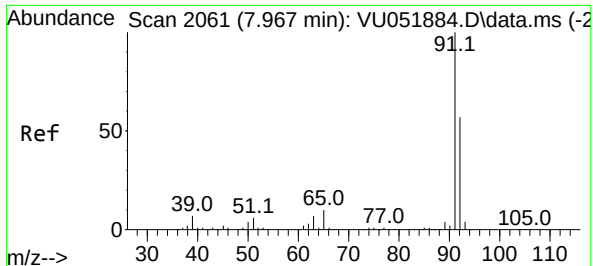
Ion Ratio Lower Upper

43 100

58 42.2 35.4 53.2

100 14.8 13.4 20.0





#42

Toluene

Concen: 2.262 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051891.D

Acq: 17 Nov 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

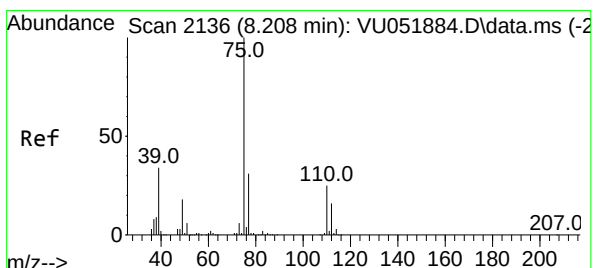
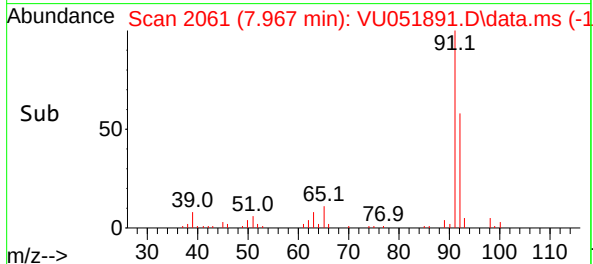
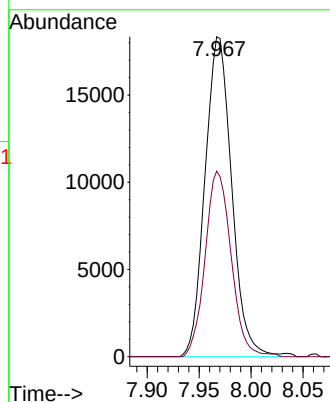
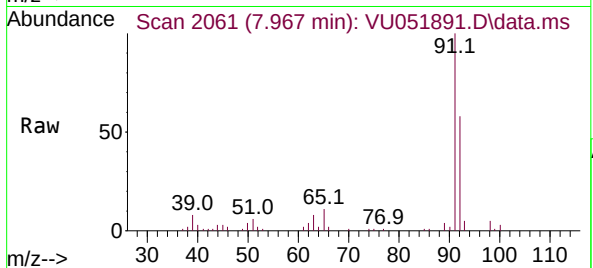
MDL07

Tgt Ion: 91 Resp: 32772

Ion Ratio Lower Upper

91 100

92 58.0 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 2.784 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051891.D

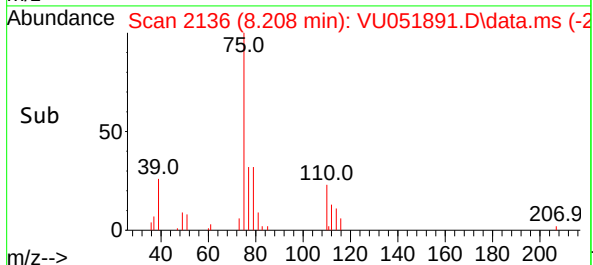
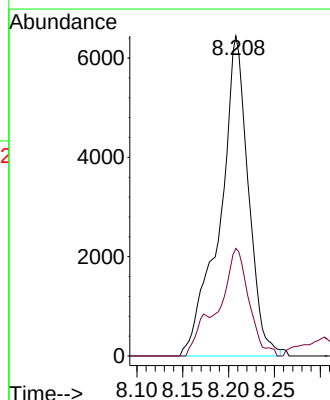
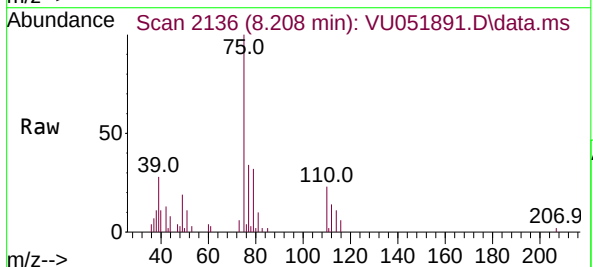
Acq: 17 Nov 2022 13:02

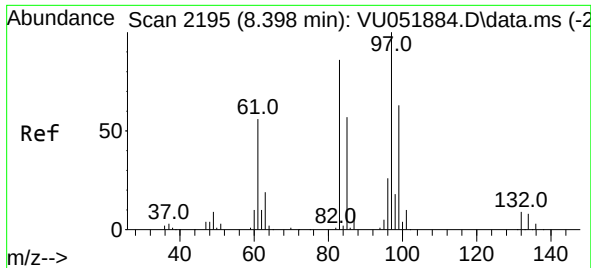
Tgt Ion: 75 Resp: 13918

Ion Ratio Lower Upper

75 100

77 33.6 21.8 40.6

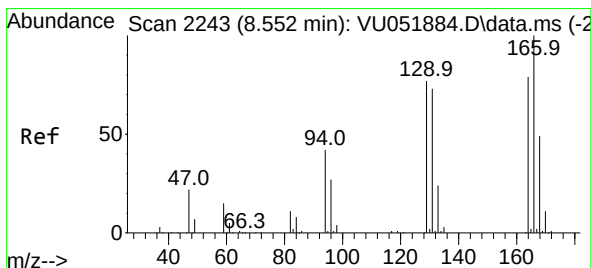
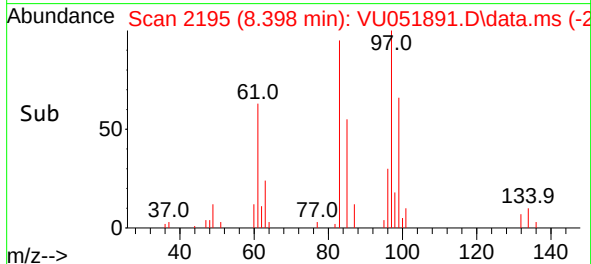
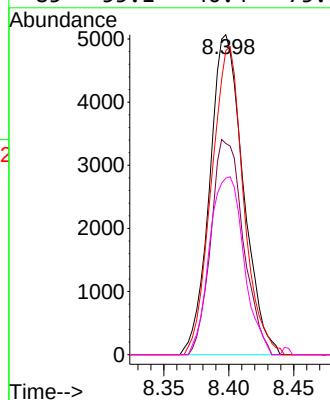
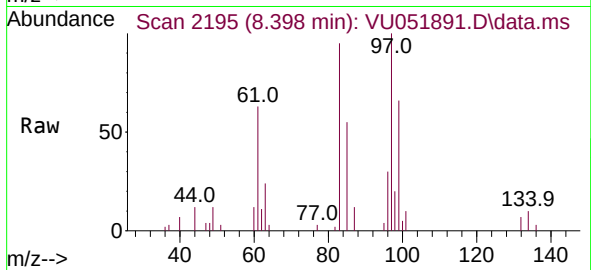




#45
1,1,2-Trichloroethane
Concen: 2.249 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

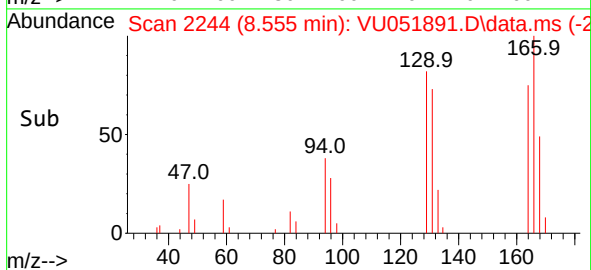
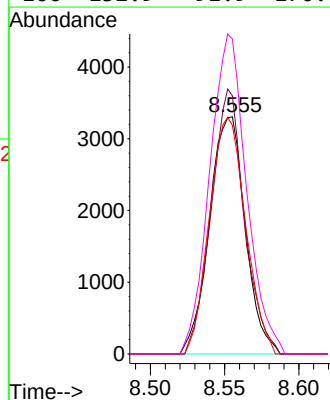
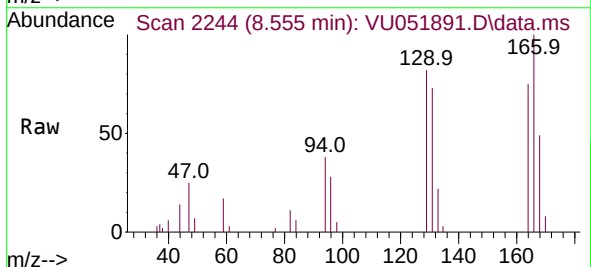
Instrument :
MSVOA_U
ClientSampleId :
MDL07

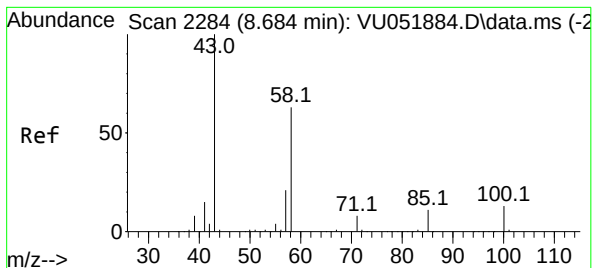
Tgt Ion:	97	Resp:	9116
Ion	Ratio	Lower	Upper
97	100		
99	66.0	44.3	82.3
83	95.0	62.3	115.7
85	55.1	40.4	75.0



#46
Tetrachloroethene
Concen: 2.089 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Tgt Ion:	164	Resp:	5568
Ion	Ratio	Lower	Upper
164	100		
129	108.9	68.5	127.1
131	96.5	66.6	123.8
166	132.9	91.9	170.7





#48

2-Hexanone

Concen: 5.120 ug/L

RT: 8.684 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051891.D

Acq: 17 Nov 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

MDL07

Tgt Ion: 43 Resp: 23098

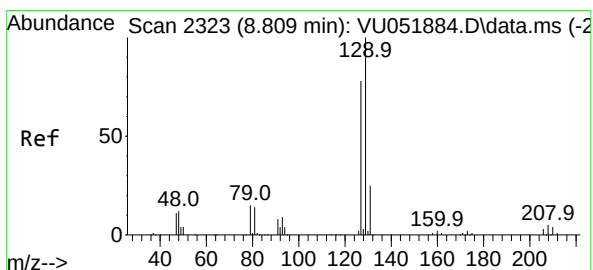
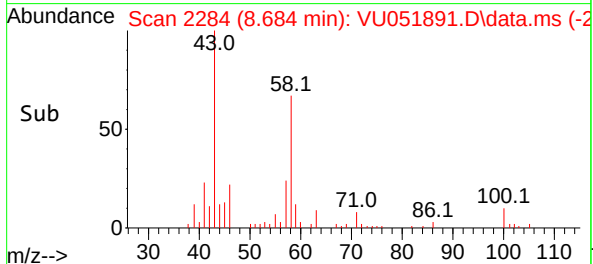
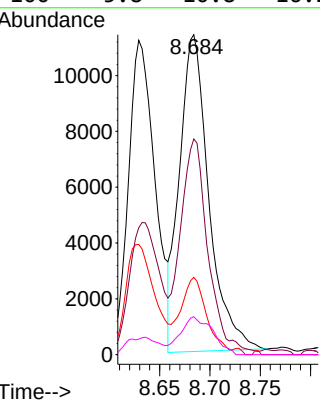
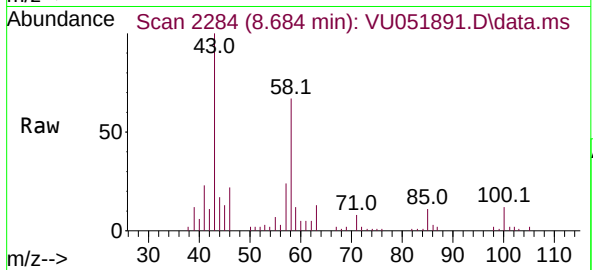
Ion Ratio Lower Upper

43 100

58 56.7 50.6 76.0

57 21.7 16.8 25.2

100 5.8 10.8 16.2#



#49

Dibromochloromethane

Concen: 2.253 ug/L

RT: 8.809 min Scan# 2323

Delta R.T. -0.000 min

Lab File: VU051891.D

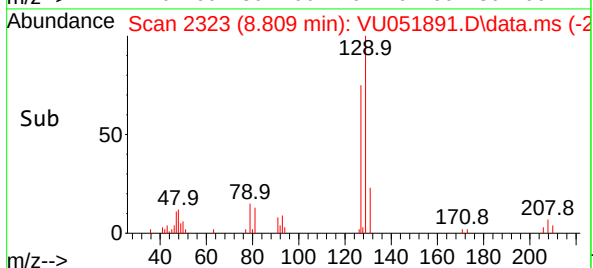
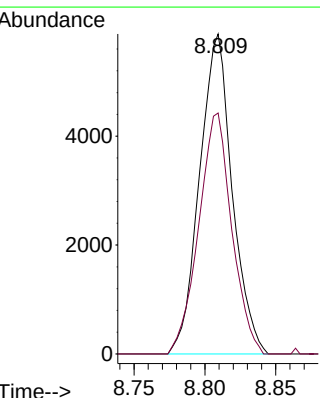
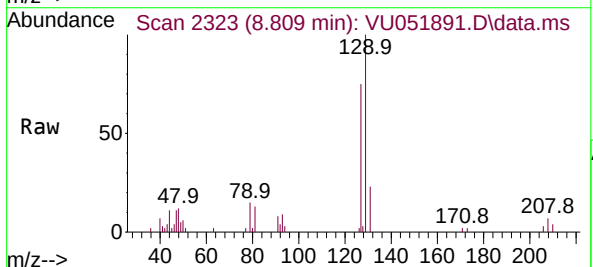
Acq: 17 Nov 2022 13:02

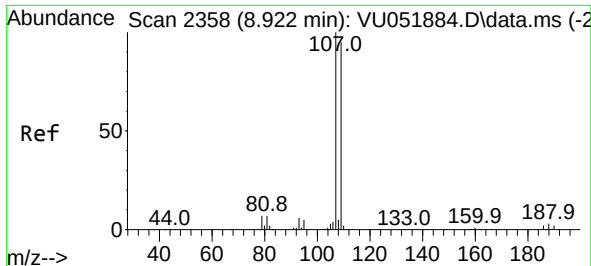
Tgt Ion:129 Resp: 9416

Ion Ratio Lower Upper

129 100

127 78.4 54.4 101.0

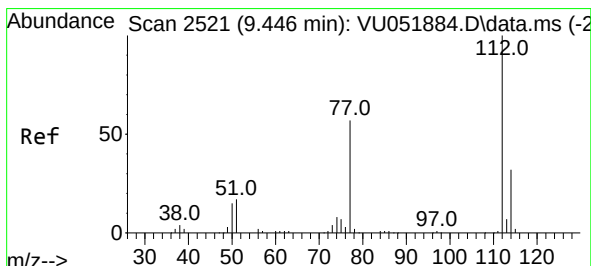
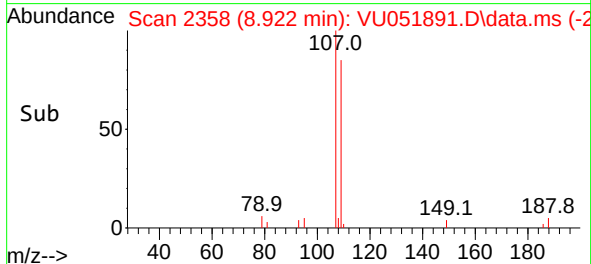
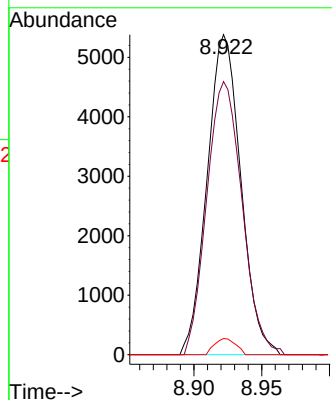
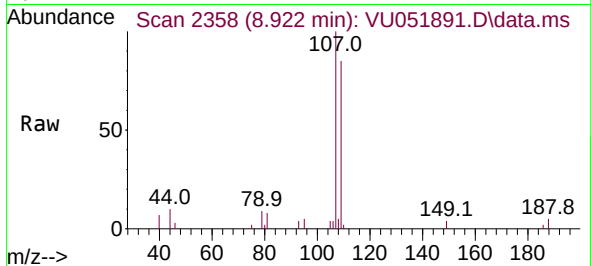




#50
1,2-Dibromoethane
Concen: 2.281 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

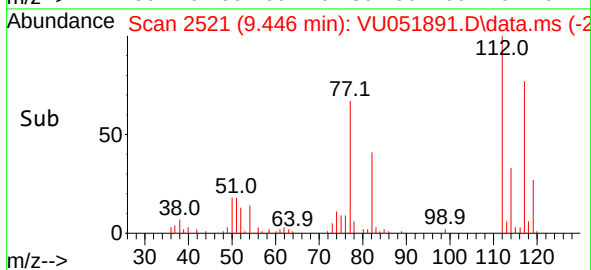
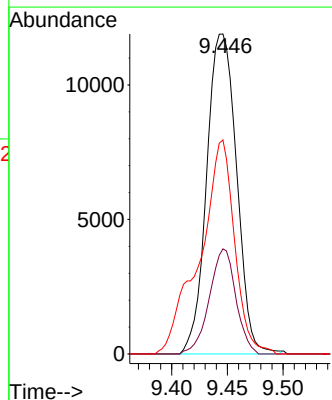
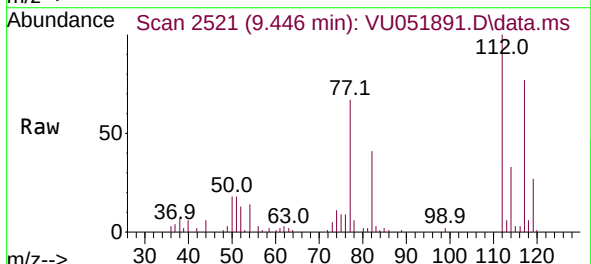
Instrument :
MSVOA_U
ClientSampleId :
MDL07

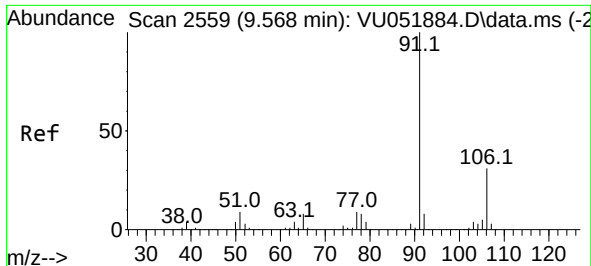
Tgt Ion:107 Resp: 9308
Ion Ratio Lower Upper
107 100
109 85.4 65.0 120.6
188 5.1 2.9 4.3#



#51
Chlorobenzene
Concen: 2.250 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Tgt Ion:112 Resp: 22279
Ion Ratio Lower Upper
112 100
114 32.9 22.2 41.2
77 66.9 46.7 70.1





#52

Ethylbenzene

Concen: 1.990 ug/L

RT: 9.568 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051891.D

Acq: 17 Nov 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

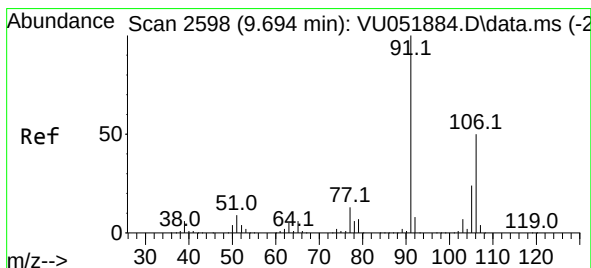
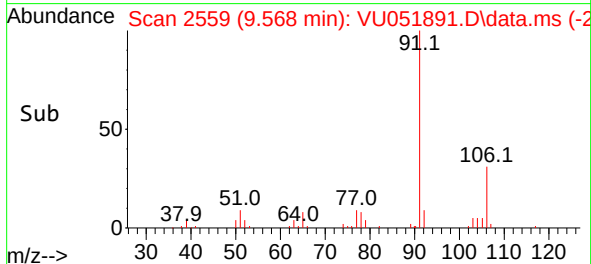
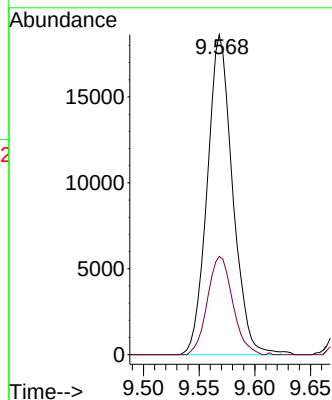
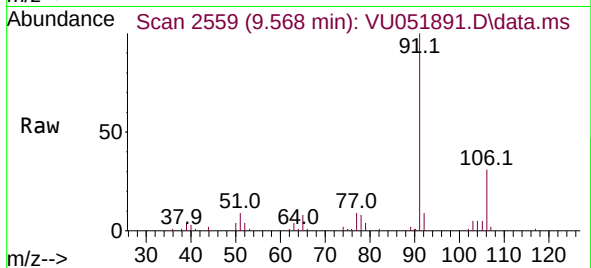
MDL07

Tgt Ion: 91 Resp: 29509

Ion Ratio Lower Upper

91 100

106 30.7 21.3 39.6



#53

m,p-Xylene

Concen: 1.896 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU051891.D

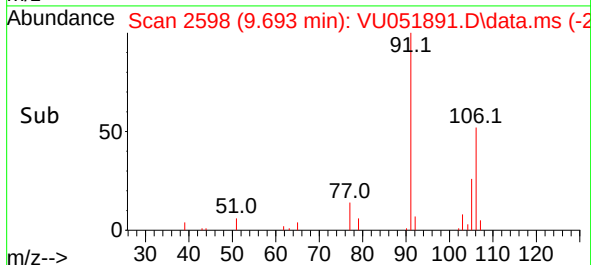
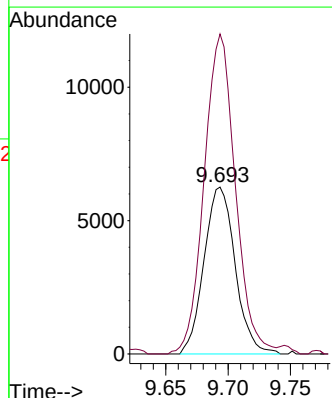
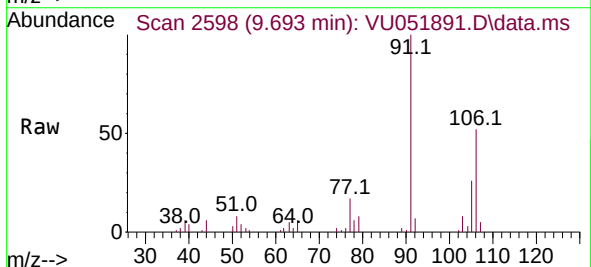
Acq: 17 Nov 2022 13:02

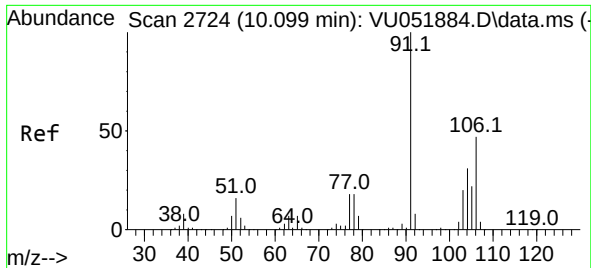
Tgt Ion: 106 Resp: 10879

Ion Ratio Lower Upper

106 100

91 191.8 141.7 263.3

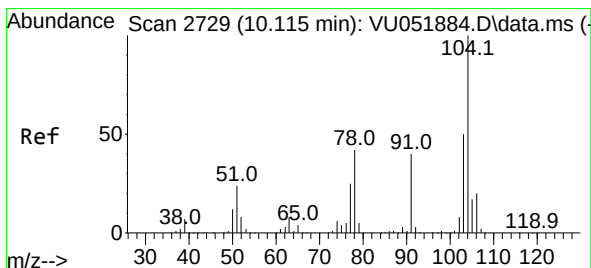
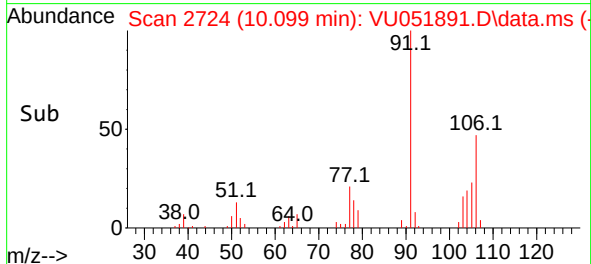
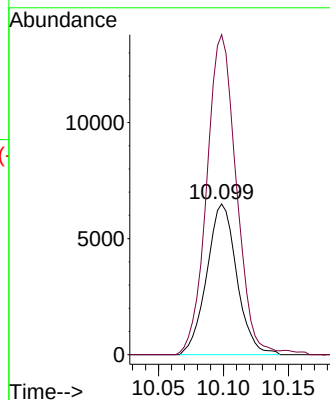
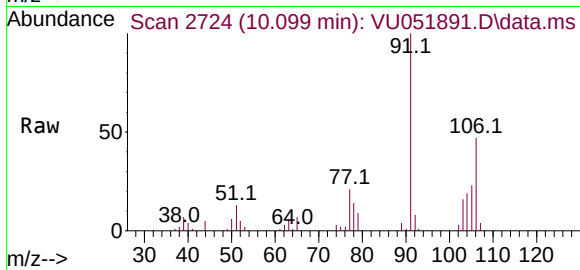




#54
o-Xylene
Concen: 1.787 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

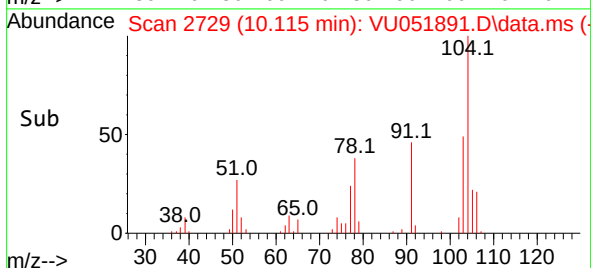
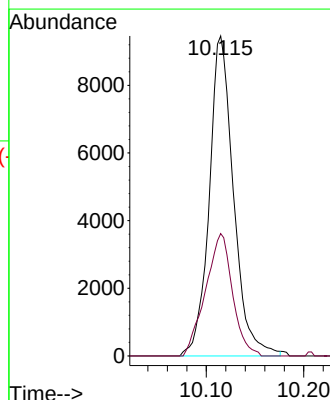
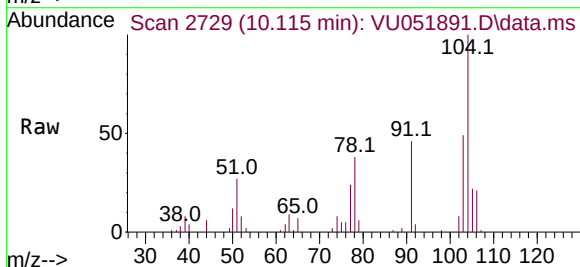
Instrument :
MSVOA_U
ClientSampleId :
MDL07

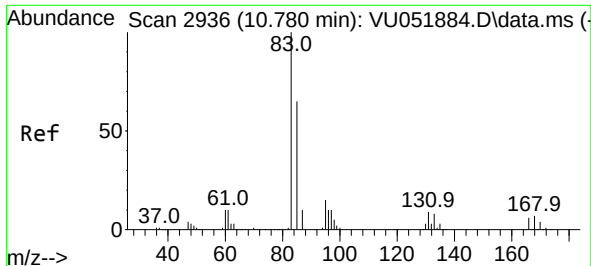
Tgt Ion:106 Resp: 10439
Ion Ratio Lower Upper
106 100
91 212.3 149.7 278.1



#55
Styrene
Concen: 1.627 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Tgt Ion:104 Resp: 16394
Ion Ratio Lower Upper
104 100
78 38.2 30.3 56.3





#57

1,1,2,2-Tetrachloroethane

Concen: 2.310 ug/L

RT: 10.777 min Scan# 2935

Delta R.T. -0.003 min

Lab File: VU051891.D

Acq: 17 Nov 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

MDL07

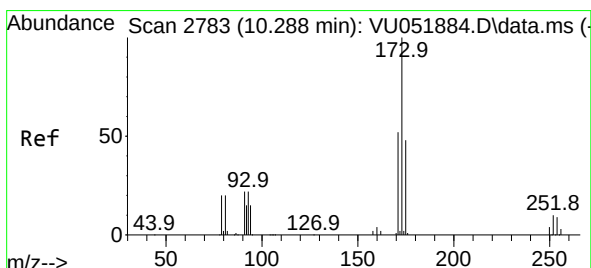
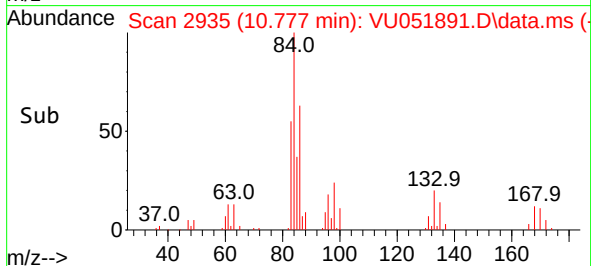
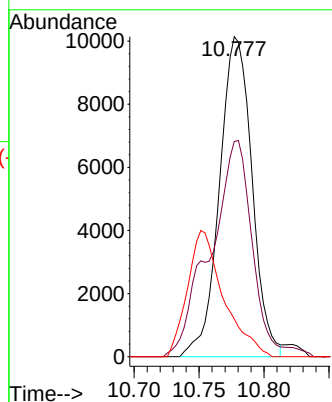
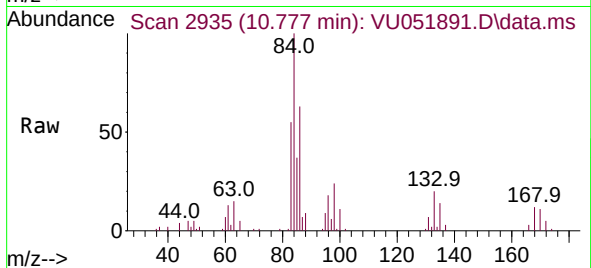
Tgt Ion: 83 Resp: 17692

Ion Ratio Lower Upper

83 100

85 67.3 44.9 83.3

131 11.8 6.8 10.2#



#59

Bromoform

Concen: 2.657 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.000 min

Lab File: VU051891.D

Acq: 17 Nov 2022 13:02

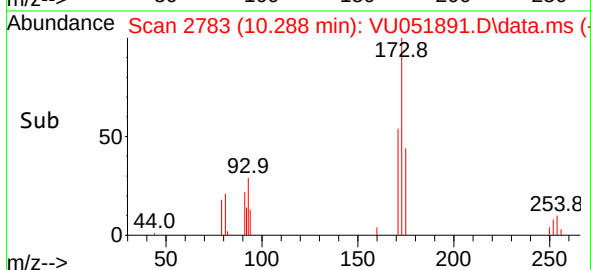
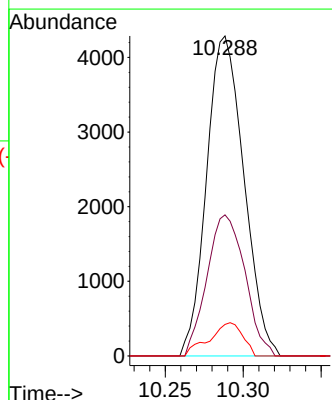
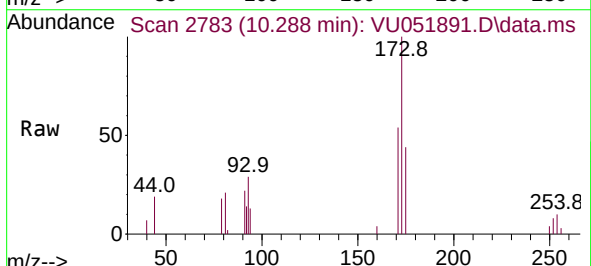
Tgt Ion: 173 Resp: 7132

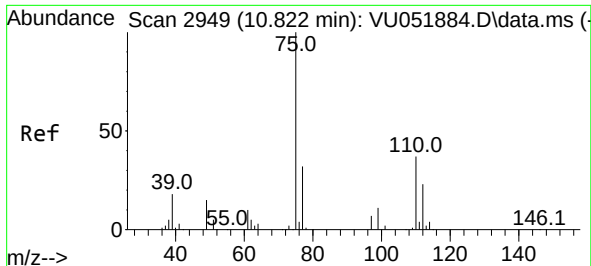
Ion Ratio Lower Upper

173 100

175 44.7 38.9 58.3

254 7.6 7.4 11.2

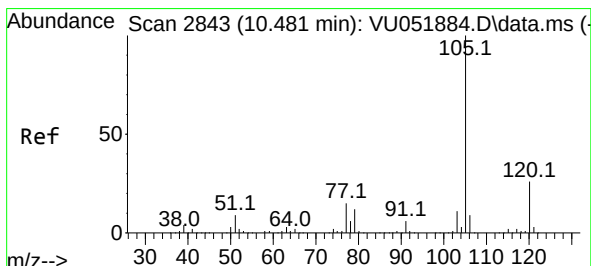
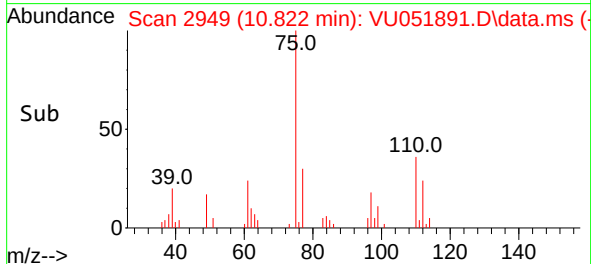
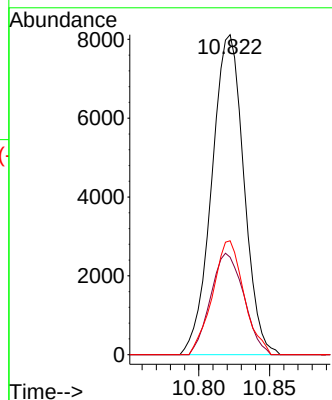
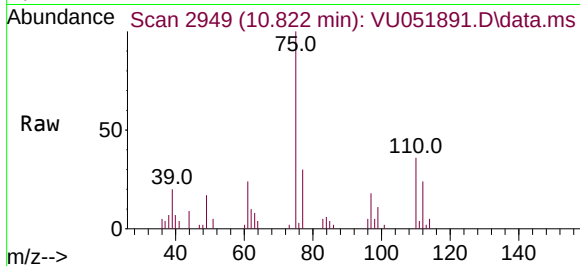




#60
1,2,3-Trichloropropane
Concen: 2.701 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

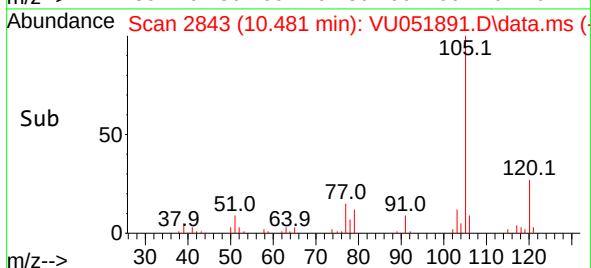
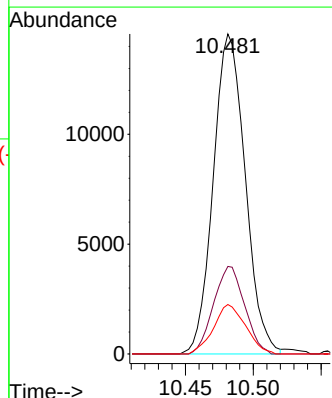
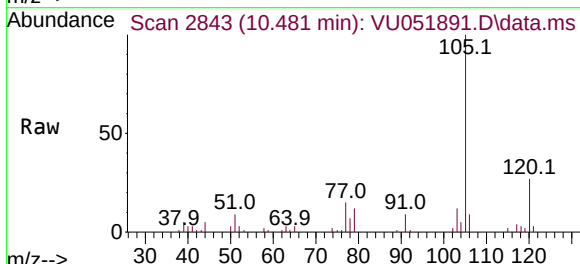
Instrument :
MSVOA_U
ClientSampleId :
MDL07

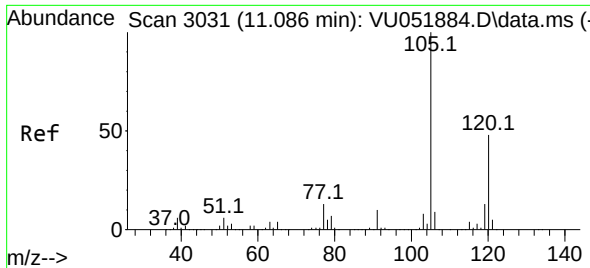
Tgt Ion:	75	Resp:	12794
Ion	Ratio	Lower	Upper
75	100		
77	32.8	26.2	39.4
110	34.7	29.0	43.4



#61
Isopropylbenzene
Concen: 2.062 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Tgt Ion:	105	Resp:	23860
Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.1	31.7
77	15.6	12.2	18.4

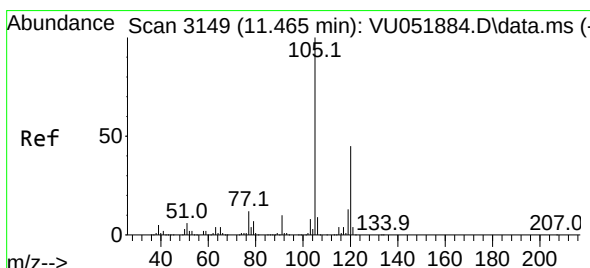
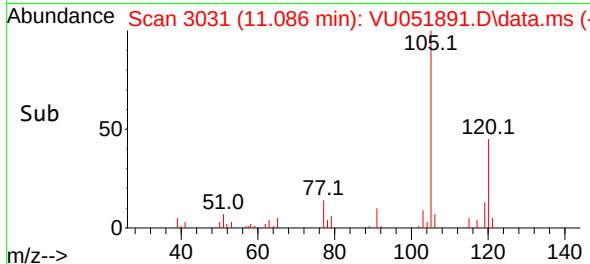
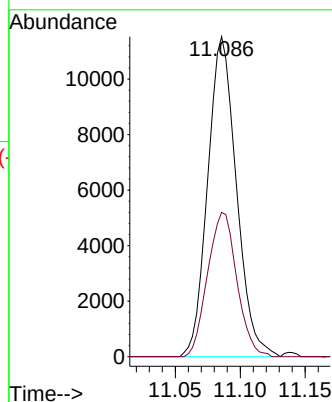
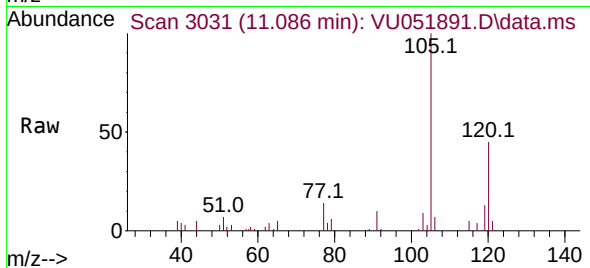




#62
 1,3,5-Trimethylbenzene
 Concen: 1.876 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. -0.000 min
 Lab File: VU051891.D
 Acq: 17 Nov 2022 13:02

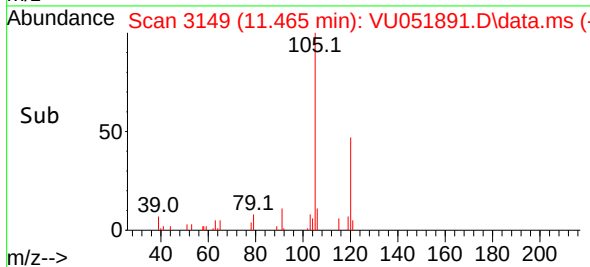
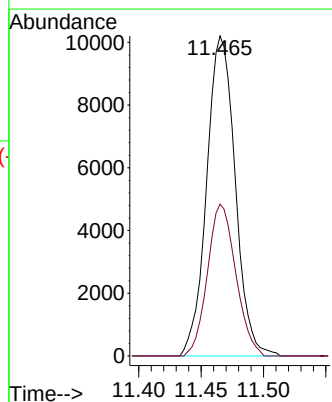
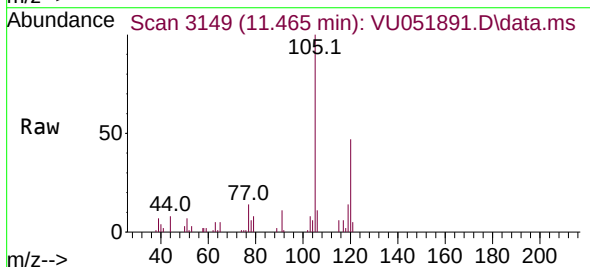
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

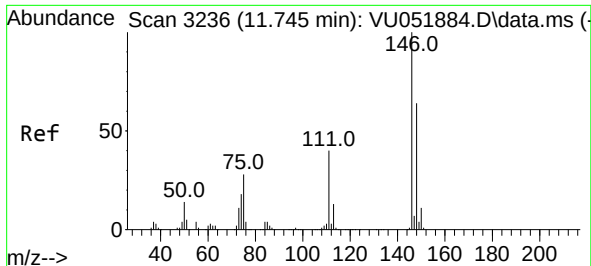
Tgt Ion:105 Resp: 17691
 Ion Ratio Lower Upper
 105 100
 120 45.9 39.1 58.7



#63
 1,2,4-Trimethylbenzene
 Concen: 1.765 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.000 min
 Lab File: VU051891.D
 Acq: 17 Nov 2022 13:02

Tgt Ion:105 Resp: 16265
 Ion Ratio Lower Upper
 105 100
 120 47.0 36.2 54.2

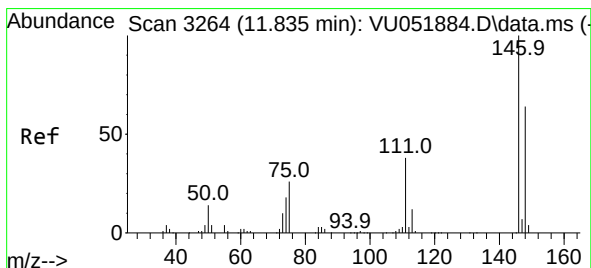
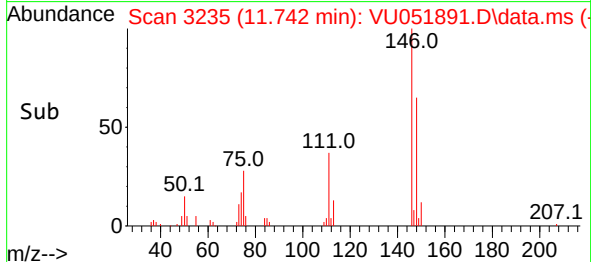
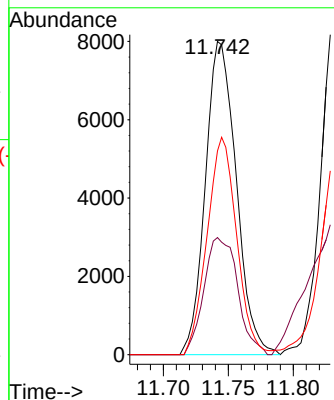
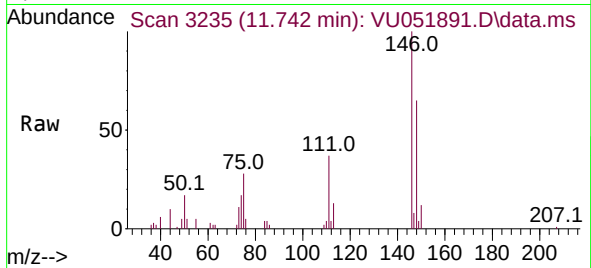




#64
 1,3-Dichlorobenzene
 Concen: 2.256 ug/L
 RT: 11.742 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU051891.D
 Acq: 17 Nov 2022 13:02

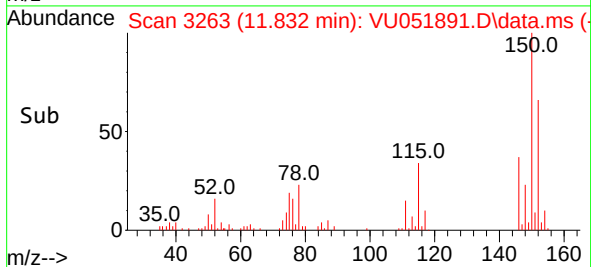
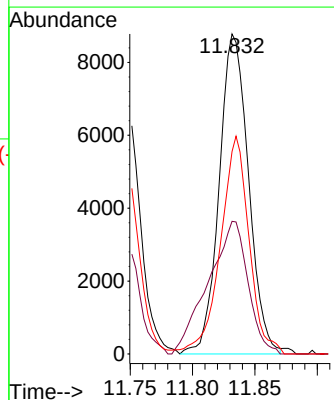
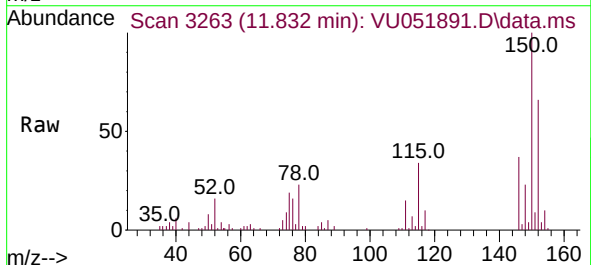
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

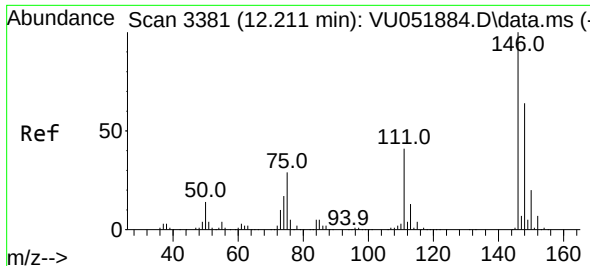
Tgt Ion:146 Resp: 13234
 Ion Ratio Lower Upper
 146 100
 111 37.4 28.1 52.1
 148 65.0 44.4 82.4



#65
 1,4-Dichlorobenzene
 Concen: 2.424 ug/L
 RT: 11.832 min Scan# 3263
 Delta R.T. -0.003 min
 Lab File: VU051891.D
 Acq: 17 Nov 2022 13:02

Tgt Ion:146 Resp: 14395
 Ion Ratio Lower Upper
 146 100
 111 41.4 26.7 49.5
 148 63.3 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 2.553 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU051891.D

Acq: 17 Nov 2022 13:02

Instrument :

MSVOA_U

ClientSampleId :

MDL07

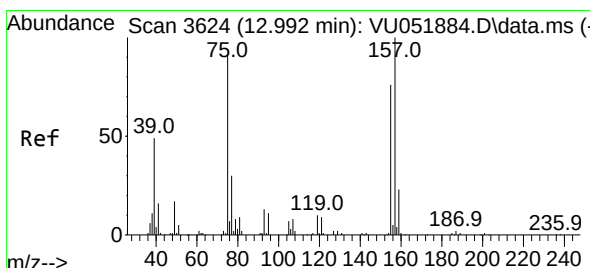
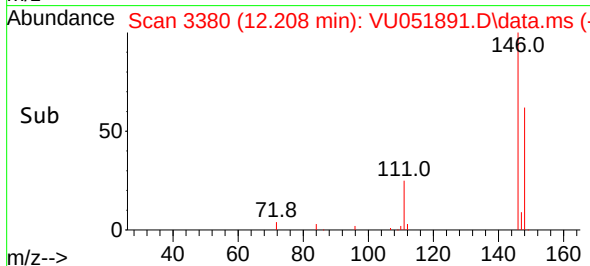
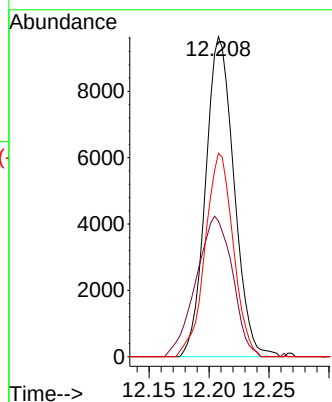
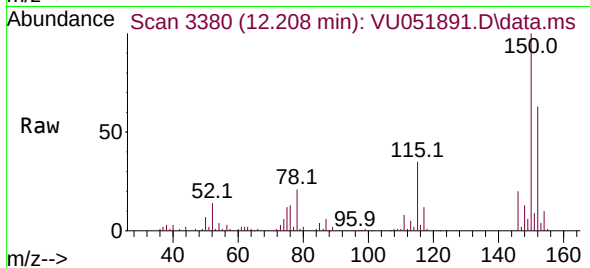
Tgt Ion:146 Resp: 15924

Ion Ratio Lower Upper

146 100

111 42.4 33.6 50.4

148 63.6 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 2.760 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.003 min

Lab File: VU051891.D

Acq: 17 Nov 2022 13:02

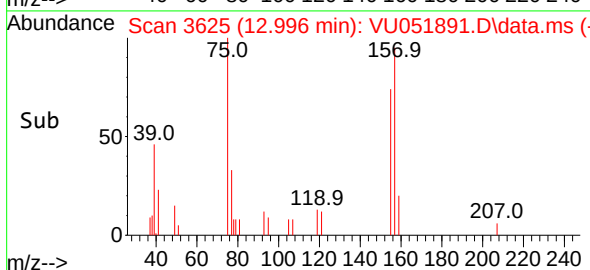
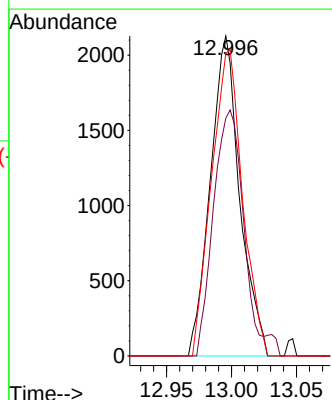
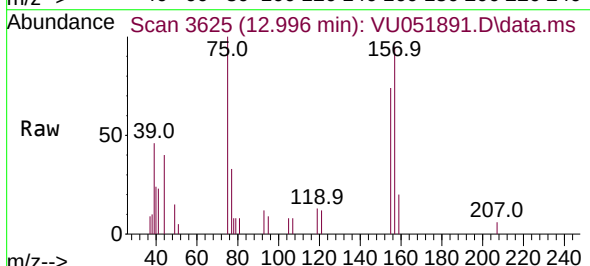
Tgt Ion: 75 Resp: 3347

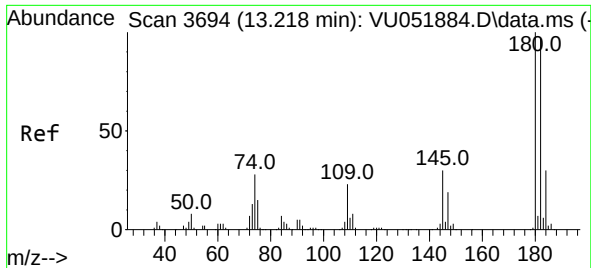
Ion Ratio Lower Upper

75 100

155 74.3 63.0 94.6

157 94.6 79.4 119.0

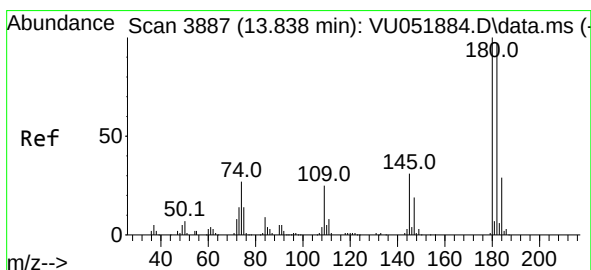
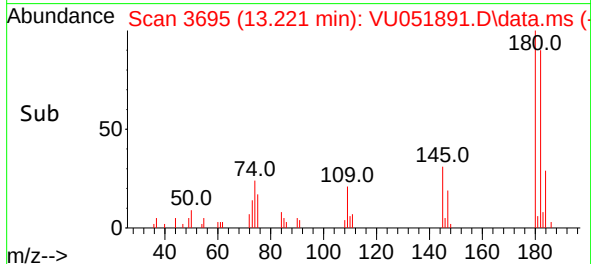
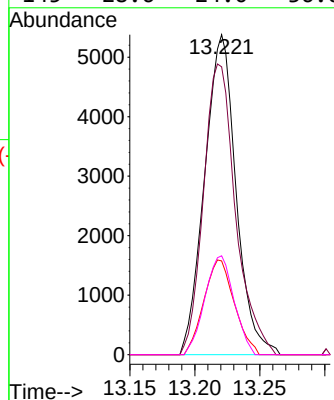
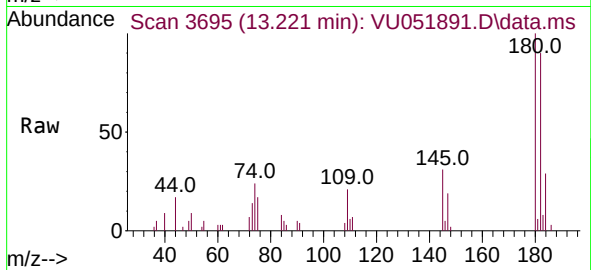




#69
 1,3,5-Trichlorobenzene
 Concen: 2.327 ug/L
 RT: 13.221 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VU051891.D
 Acq: 17 Nov 2022 13:02

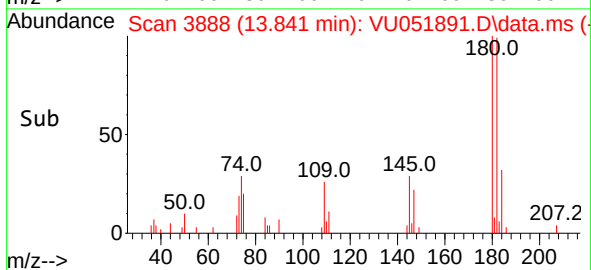
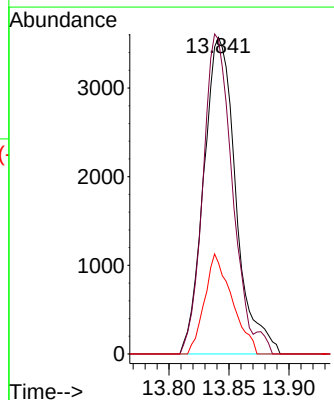
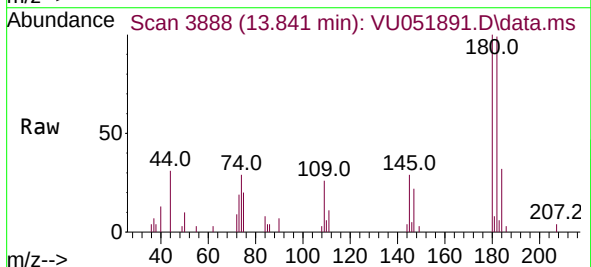
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL07

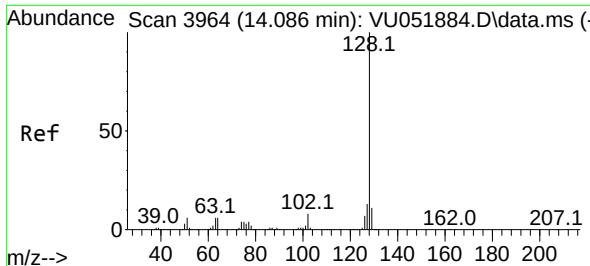
Tgt Ion:180	Resp:	9055
Ion Ratio	Lower	Upper
180	100	
182	92.6	77.0 115.4
184	28.7	23.8 35.8
145	28.6	24.0 36.0



#70
 1,2,4-trichlorobenzene
 Concen: 2.156 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU051891.D
 Acq: 17 Nov 2022 13:02

Tgt Ion:180	Resp:	6650
Ion Ratio	Lower	Upper
180	100	
182	90.7	76.4 114.6
145	27.0	24.2 36.2

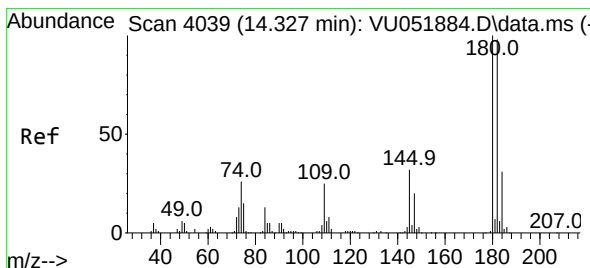
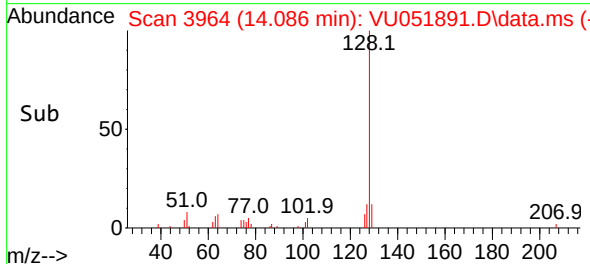
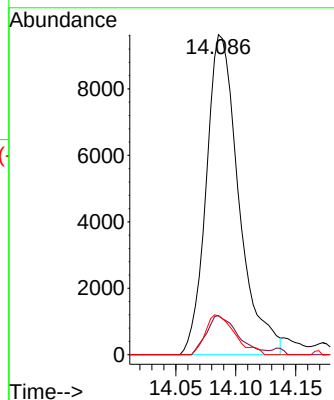
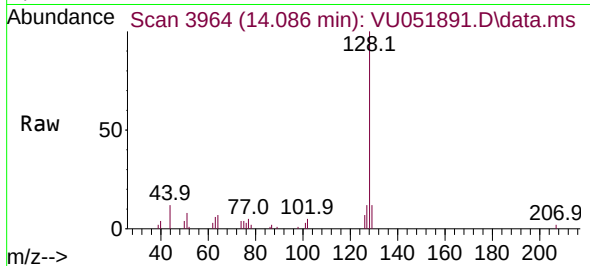




#71
Naphthalene
Concen: 1.793 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Tgt Ion:	128	Resp:	18186
Ion Ratio	Lower	Upper	
128	100		
127	11.8	10.4	15.6
129	10.6	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 2.126 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.003 min
Lab File: VU051891.D
Acq: 17 Nov 2022 13:02

Tgt Ion:	180	Resp:	7177
Ion Ratio	Lower	Upper	
180	100		
182	94.8	76.9	115.3
145	32.2	24.9	37.3

