

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111622\
 Data File : VU051879.D
 Acq On : 16 Nov 2022 13:05
 Operator : JC/MD
 Sample : MDL05
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05

Quant Time: Nov 17 01:40:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 17 01:20:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	485479	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	478972	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	193263	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	104367	43.790	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.580%
7) Chloroethane-d5	1.906	69	109290	45.767	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.540%
11) 1,1-Dichloroethene-d2	2.562	63	133298	31.188	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.380%
21) 2-Butanone-d5	4.617	46	281556	103.889	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.890%
24) Chloroform-d	5.060	84	268421	44.927	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.860%
26) 1,2-Dichloroethane-d4	5.697	65	174617	47.745	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.480%
32) Benzene-d6	5.723	84	487064	48.771	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.540%
36) 1,2-Dichloropropane-d6	6.687	67	186253	50.103	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.200%
41) Toluene-d8	7.896	98	373579	45.574	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.140%
43) trans-1,3-Dichloroprop...	8.176	79	68473	46.245	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.480%
47) 2-Hexanone-d5	8.629	63	189301	100.199	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.200%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	339420	46.914	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.820%
66) 1,2-Dichlorobenzene-d4	12.192	152	180277	53.006	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	6626	2.223	ug/L	99
3) Chloromethane	1.523	50	11501	2.906	ug/L	100
5) Vinyl chloride	1.604	62	9026	2.198	ug/L #	1
6) Bromomethane	1.842	94	4147	2.331	ug/L	92
8) Chloroethane	1.929	64	6361	2.383	ug/L	94
9) Trichlorofluoromethane	2.134	101	10588	2.154	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	8131	2.625	ug/L	91
12) 1,1-Dichloroethene	2.578	96	7152	2.472	ug/L #	1
13) Acetone	2.626	43	10070	3.473	ug/L	96
14) Carbon disulfide	2.790	76	17903	2.234	ug/L	98
15) Methyl Acetate	2.948	43	8964	2.268	ug/L #	86
16) Methylene chloride	3.044	84	13117	2.840	ug/L	96
17) trans-1,2-Dichloroethene	3.353	96	6587	2.113	ug/L	95
18) Methyl tert-butyl Ether	3.359	73	20196	2.093	ug/L	98
19) 1,1-Dichloroethane	3.867	63	13764	2.169	ug/L	95
22) 2-Butanone	4.707	43	12447	3.801	ug/L #	59
23) Bromochloromethane	4.977	128	4266	2.124	ug/L #	95
25) Chloroform	5.086	83	20831	3.146	ug/L	93
27) 1,2-Dichloroethane	5.793	62	12027	2.458	ug/L	97

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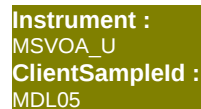
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
 Quant Title : VOC Analysis
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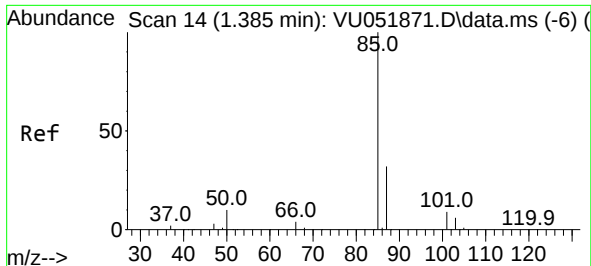
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.388	56	8495	2.079	ug/L #	92
30) 1,1,1-Trichloroethane	5.314	97	10939	2.259	ug/L	98
31) Carbon tetrachloride	5.526	117	8915	2.202	ug/L	97
33) Benzene	5.774	78	32397	2.351	ug/L	100
34) Trichloroethene	6.539	95	7458	2.285	ug/L	84
35) Methylcyclohexane	6.758	83	9955	2.249	ug/L	97
37) 1,2-Dichloropropane	6.790	63	8334	2.136	ug/L	98
38) Bromodichloromethane	7.102	83	11206	2.296	ug/L	95
39) cis-1,3-Dichloropropene	7.604	75	11097	2.174	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	20296	3.951	ug/L	99
42) Toluene	7.967	91	31249	2.205	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	13339	2.728	ug/L	96
45) 1,1,2-Trichloroethane	8.398	97	9109	2.298	ug/L	90
46) Tetrachloroethene	8.552	164	5404	2.073	ug/L	94
48) 2-Hexanone	8.681	43	22882	5.186	ug/L	97
49) Dibromochloromethane	8.806	129	9384	2.296	ug/L	96
50) 1,2-Dibromoethane	8.922	107	8982	2.251	ug/L	96
51) Chlorobenzene	9.443	112	21407	2.211	ug/L	93
52) Ethylbenzene	9.568	91	27344	1.885	ug/L	99
53) m,p-Xylene	9.694	106	10254	1.827	ug/L	94
54) o-Xylene	10.099	106	10092	1.766	ug/L	98
55) Styrene	10.115	104	14296	1.450	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.780	83	16995	2.269	ug/L	99
59) Bromoform	10.288	173	6227	2.376	ug/L #	98
60) 1,2,3-Trichloropropane	10.819	75	12557	2.716	ug/L	96
61) Isopropylbenzene	10.481	105	23020	2.038	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	16979	1.845	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	14996	1.668	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	11724	2.048	ug/L	94
65) 1,4-Dichlorobenzene	11.832	146	13140	2.267	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	15013	2.466	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.996	75	2608	2.203	ug/L	90
69) 1,3,5-Trichlorobenzene	13.221	180	8467	2.229	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	6198	2.059	ug/L	96
71) Naphthalene	14.089	128	17343	1.752	ug/L #	91
72) 1,2,3-Trichlorobenzene	14.330	180	6406	1.944	ug/L	98

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

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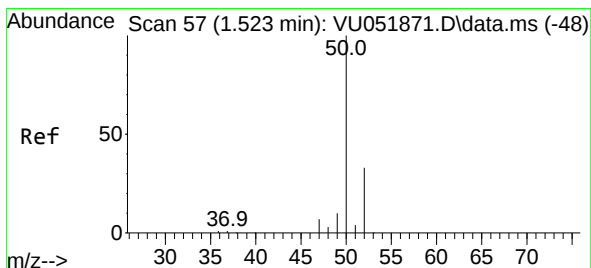
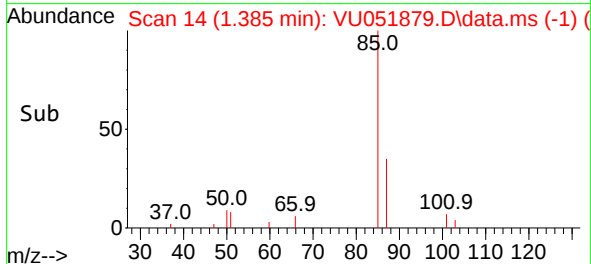
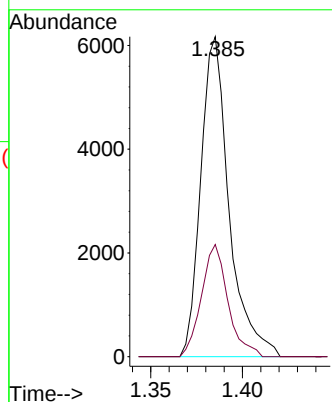
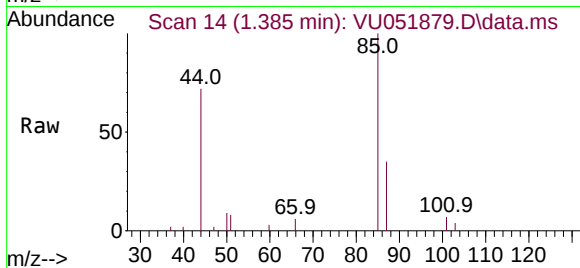




#2
Dichlorodifluoromethane
Concen: 2.223 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

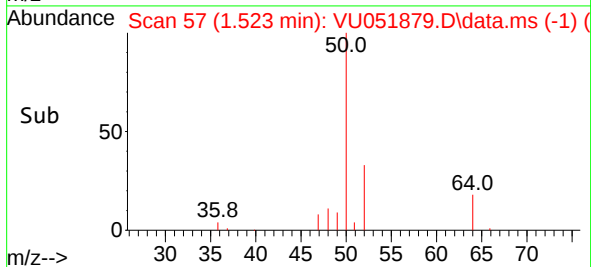
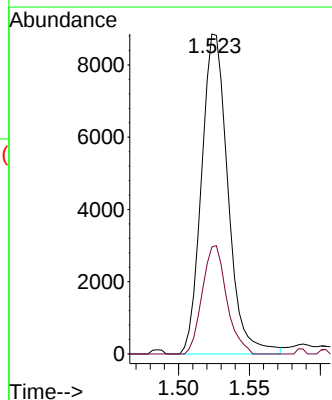
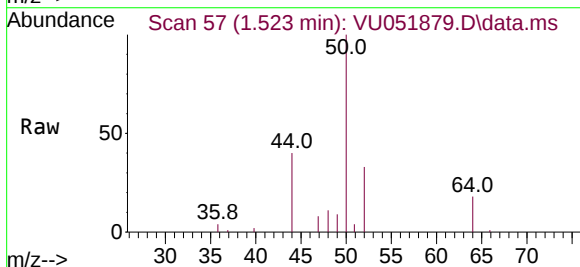
Instrument :
MSVOA_U
ClientSampleId :
MDL05

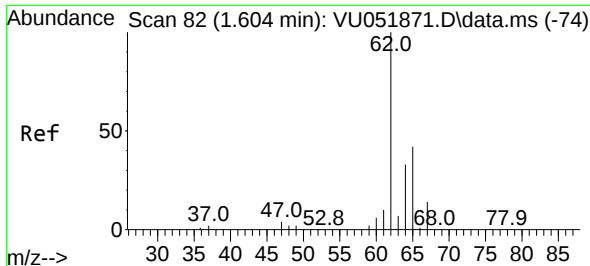
Tgt Ion: 85 Resp: 6626
Ion Ratio Lower Upper
85 100
87 32.9 26.0 39.0



#3
Chloromethane
Concen: 2.906 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

Tgt Ion: 50 Resp: 11501
Ion Ratio Lower Upper
50 100
52 33.4 23.4 43.6

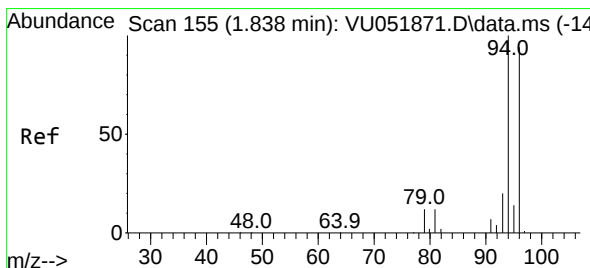
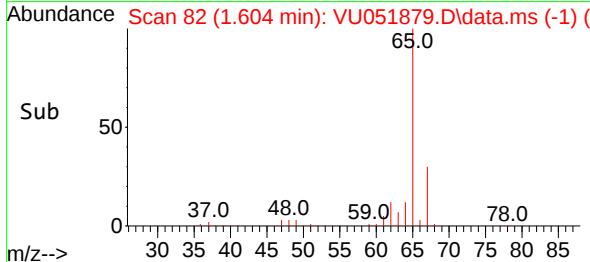
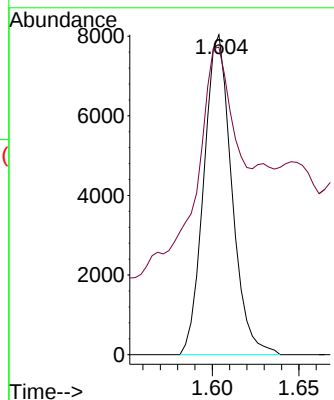
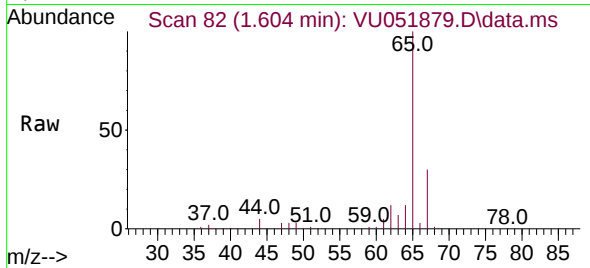




#5
 Vinyl chloride
 Concen: 2.198 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051879.D
 Acq: 16 Nov 2022 13:05

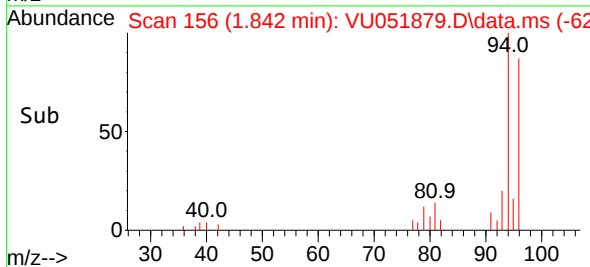
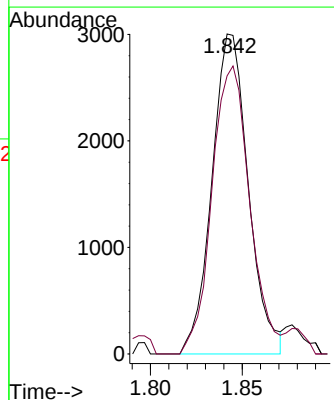
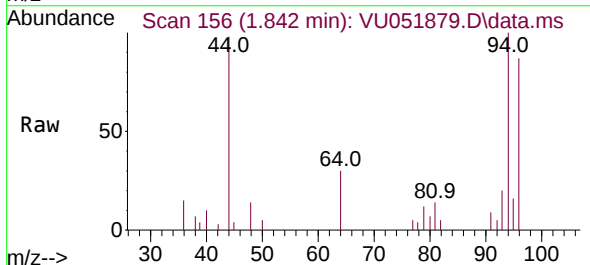
Instrument :
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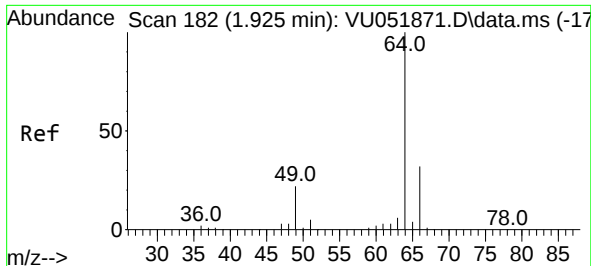
Tgt Ion: 62 Resp: 9026
 Ion Ratio Lower Upper
 62 100
 64 96.1 24.3 45.1#



#6
 Bromomethane
 Concen: 2.331 ug/L
 RT: 1.842 min Scan# 156
 Delta R.T. 0.003 min
 Lab File: VU051879.D
 Acq: 16 Nov 2022 13:05

Tgt Ion: 94 Resp: 4147
 Ion Ratio Lower Upper
 94 100
 96 86.9 66.1 122.7

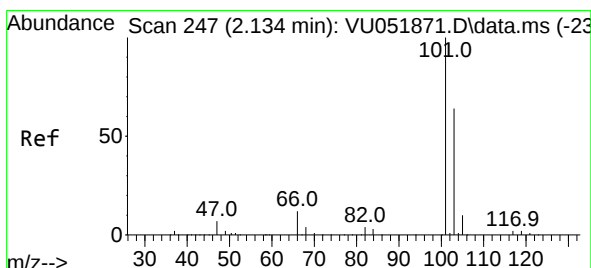
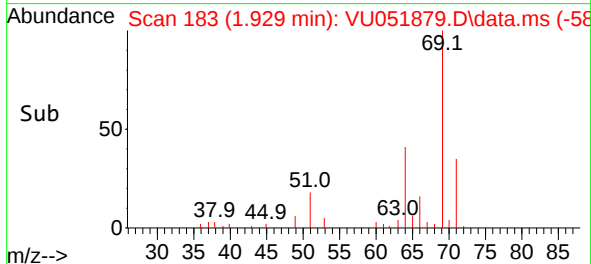
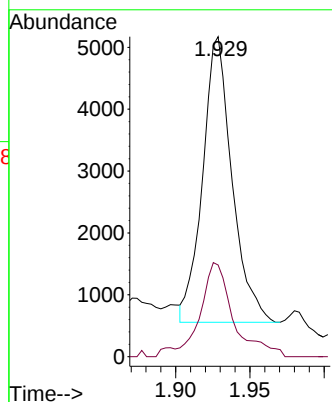
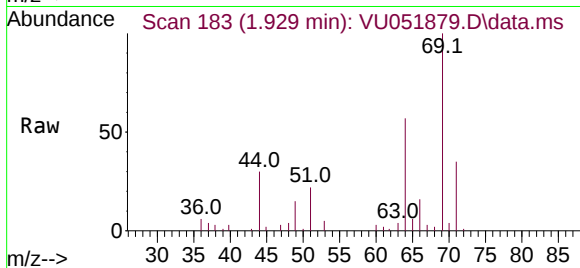




#8
Chloroethane
Concen: 2.383 ug/L
RT: 1.929 min Scan# 183
Delta R.T. 0.003 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

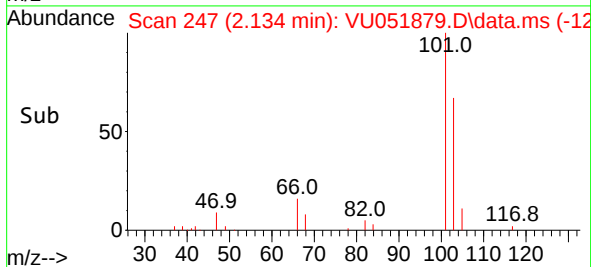
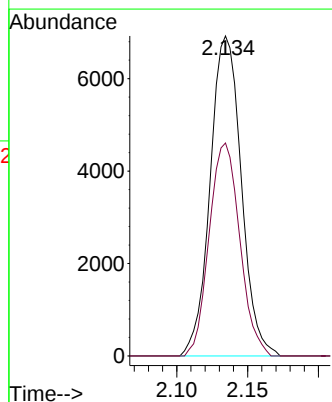
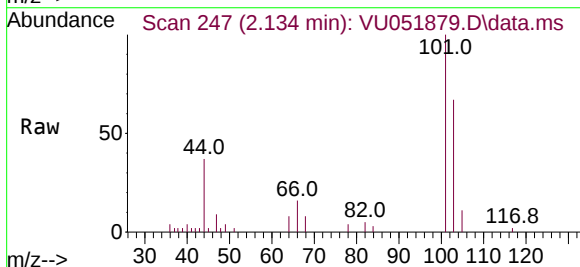
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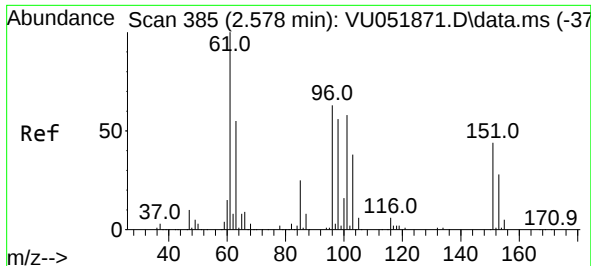
Tgt Ion: 64 Resp: 6361
Ion Ratio Lower Upper
64 100
66 28.6 22.4 41.6



#9
Trichlorofluoromethane
Concen: 2.154 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

Tgt Ion:101 Resp: 10588
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.2





#10

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

Concen: 2.625 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.003 min

Lab File: VU051879.D

Acq: 16 Nov 2022 13:05

Instrument :

MSVOA_U

ClientSampleId :

MDL05

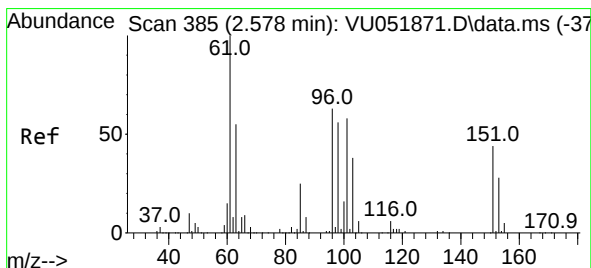
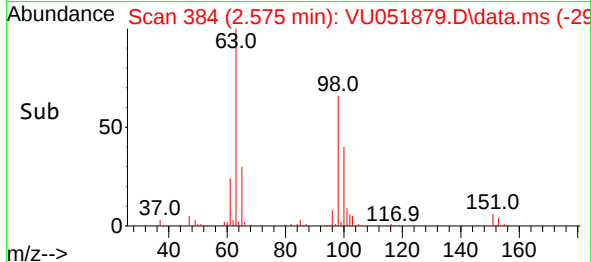
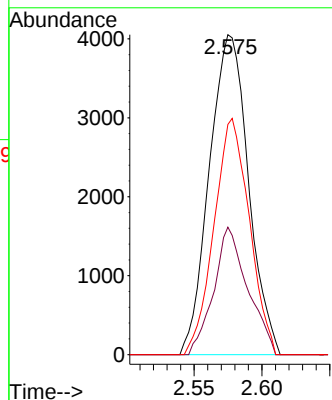
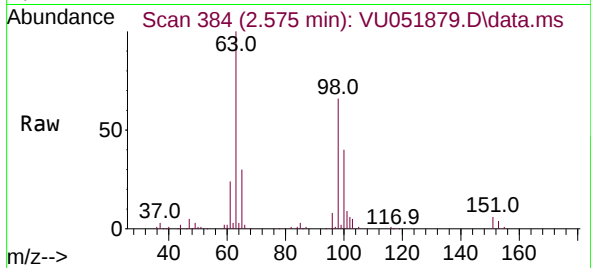
Tgt Ion:101 Resp: 8131

Ion Ratio Lower Upper

101 100

85 34.6 34.2 51.2

151 66.7 58.3 87.5



#12

1,1-Dichloroethene

Concen: 2.472 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU051879.D

Acq: 16 Nov 2022 13:05

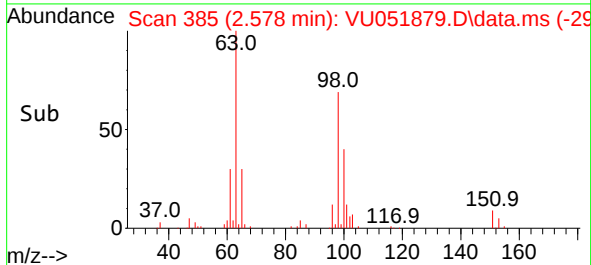
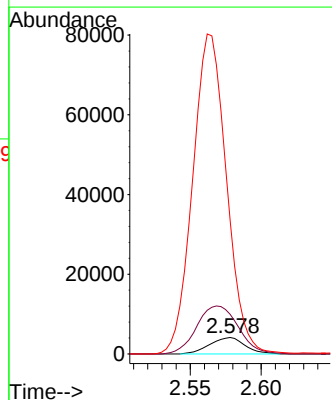
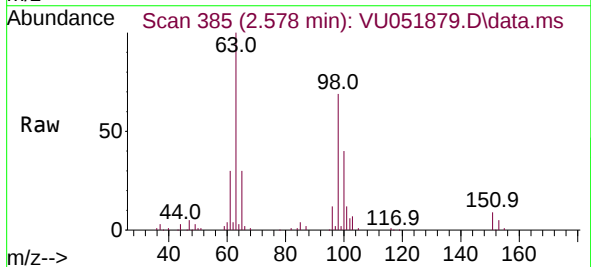
Tgt Ion: 96 Resp: 7152

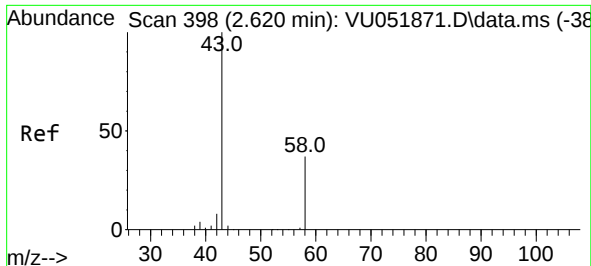
Ion Ratio Lower Upper

96 100

61 240.3 110.7 205.5#

63 811.2 68.6 127.4#





#13

Acetone

Concen: 3.473 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.007 min

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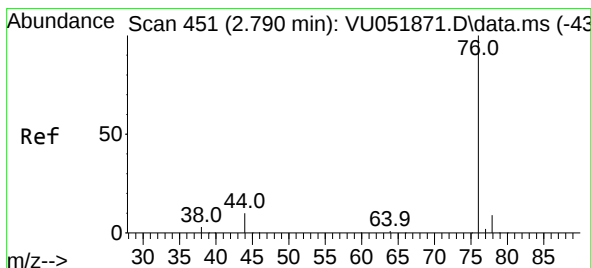
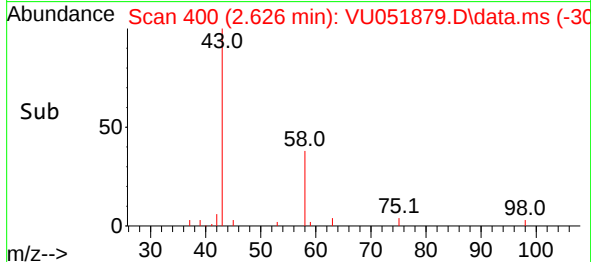
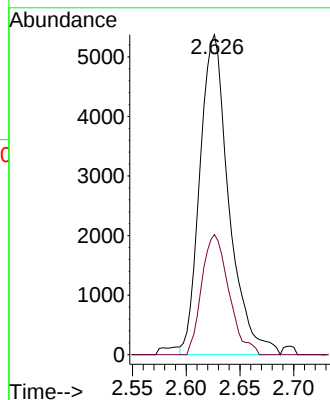
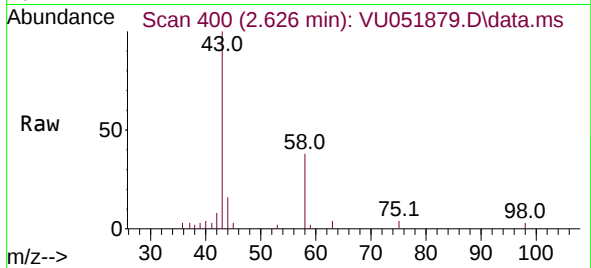
MDL05

Tgt Ion: 43 Resp: 10070

Ion Ratio Lower Upper

43 100

58 35.1 0.0 75.4



#14

Carbon disulfide

Concen: 2.234 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU051879.D

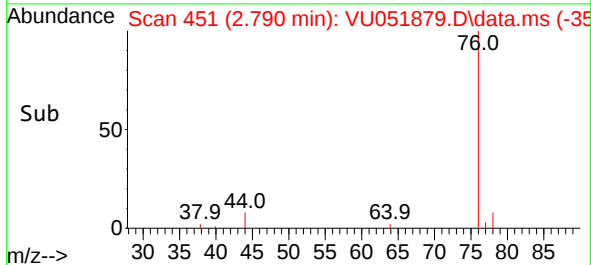
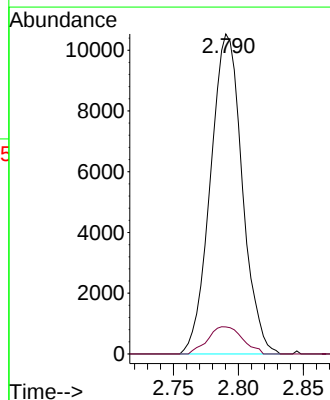
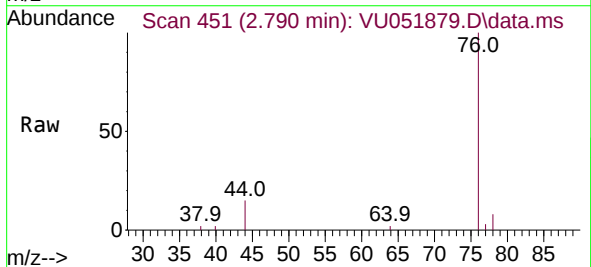
Acq: 16 Nov 2022 13:05

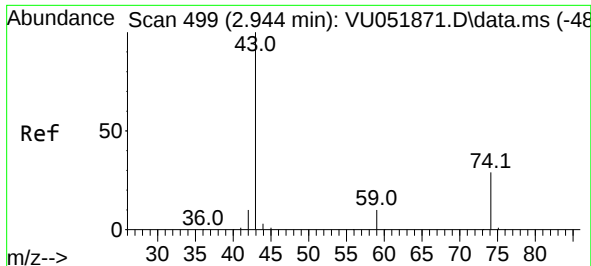
Tgt Ion: 76 Resp: 17903

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.0

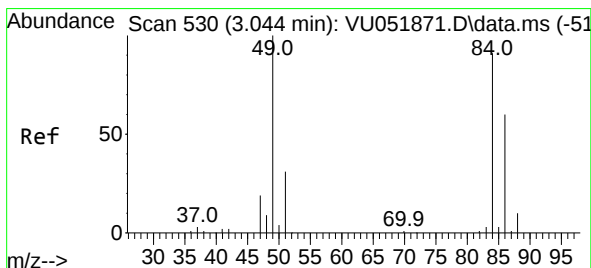
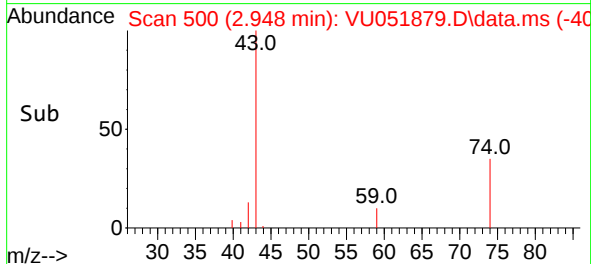
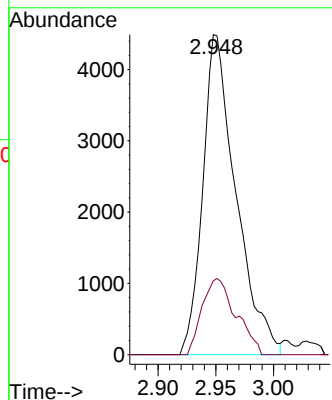
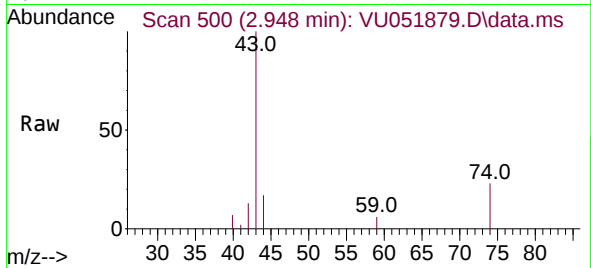




#15
Methyl Acetate
Concen: 2.268 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.003 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

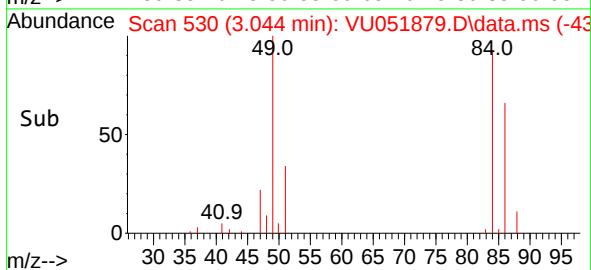
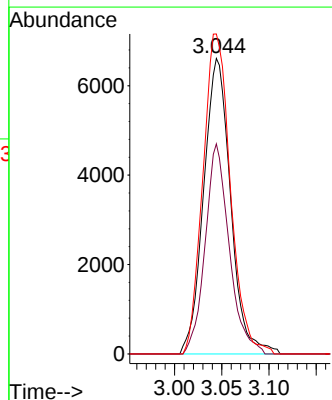
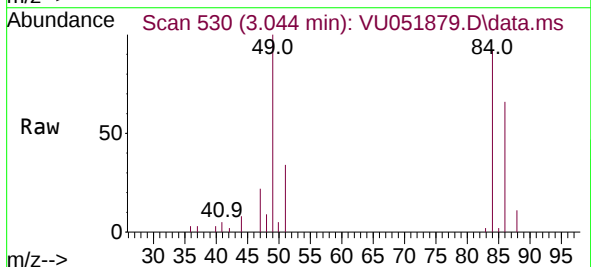
Instrument :
MSVOA_U
ClientSampleId :
MDL05

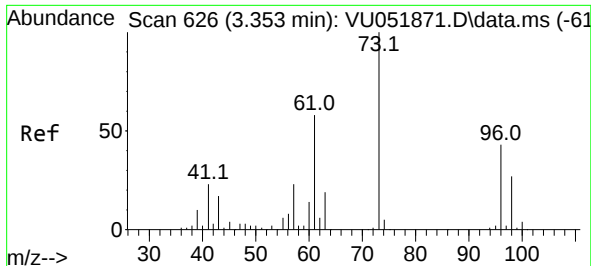
Tgt Ion: 43 Resp: 8964
Ion Ratio Lower Upper
43 100
74 19.9 21.8 32.8#



#16
Methylene chloride
Concen: 2.840 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

Tgt Ion: 84 Resp: 13117
Ion Ratio Lower Upper
84 100
86 71.1 44.7 82.9
49 108.3 76.5 142.1

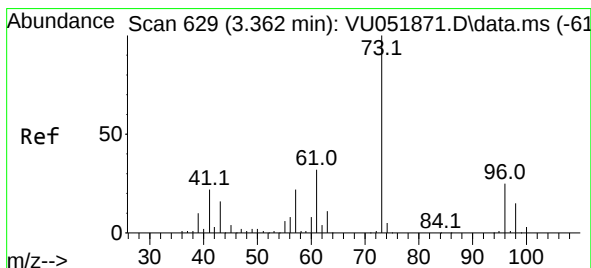
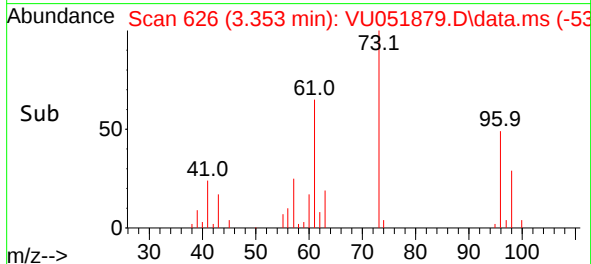
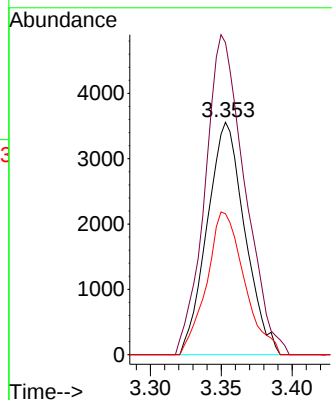
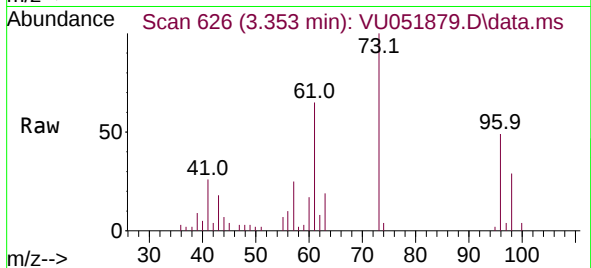




#17
trans-1,2-Dichloroethene
Concen: 2.113 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

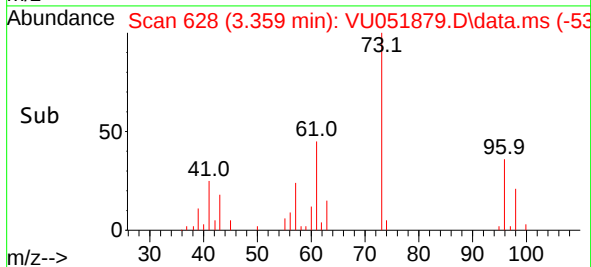
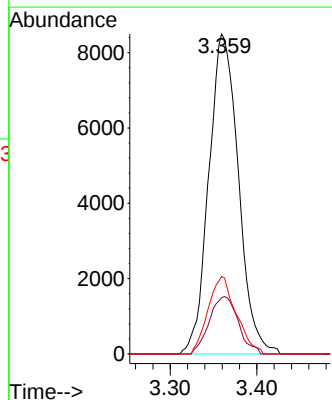
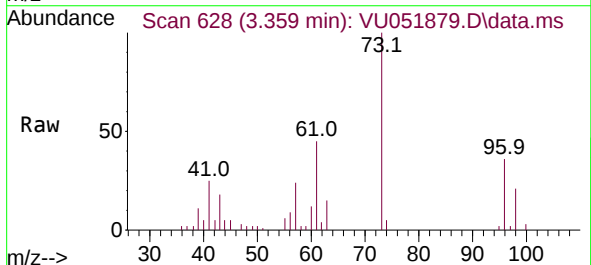
Instrument :
MSVOA_U
ClientSampleId :
MDL05

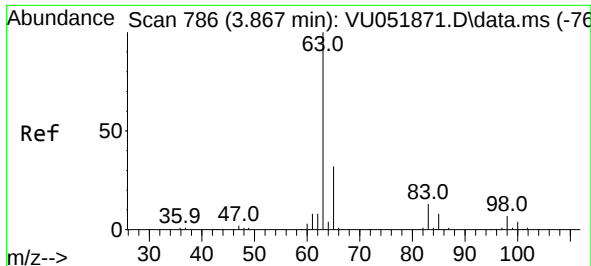
Tgt Ion: 96 Resp: 6587
Ion Ratio Lower Upper
96 100
61 134.2 98.3 182.7
98 60.6 45.5 84.5



#18
Methyl tert-butyl Ether
Concen: 2.093 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

Tgt Ion: 73 Resp: 20196
Ion Ratio Lower Upper
73 100
43 17.5 13.4 20.0
57 22.9 17.7 26.5





#19

1,1-Dichloroethane

Concen: 2.169 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU051879.D

Acq: 16 Nov 2022 13:05

Instrument :

MSVOA_U

ClientSampleId :

MDL05

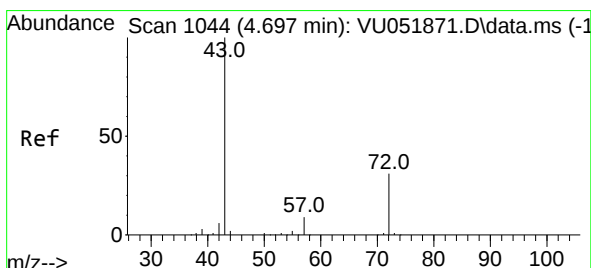
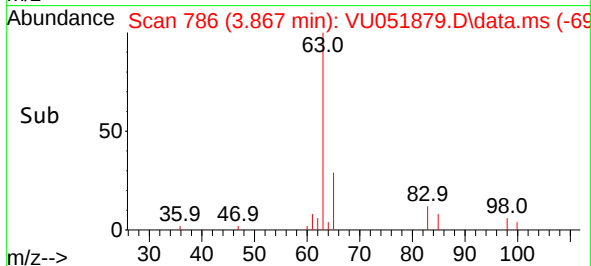
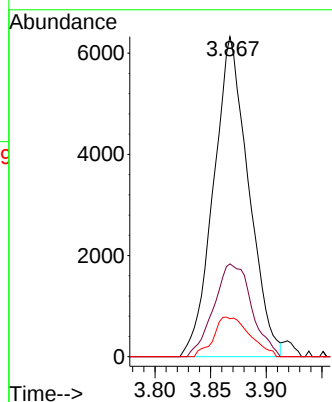
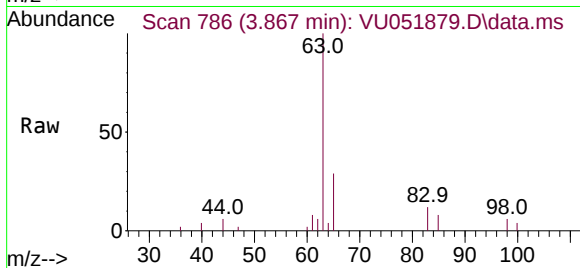
Tgt Ion: 63 Resp: 13764

Ion Ratio Lower Upper

63 100

65 29.0 22.2 41.2

83 11.9 9.6 17.8



#22

2-Butanone

Concen: 3.801 ug/L

RT: 4.707 min Scan# 1047

Delta R.T. 0.010 min

Lab File: VU051879.D

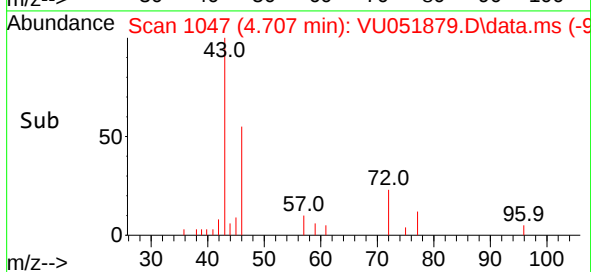
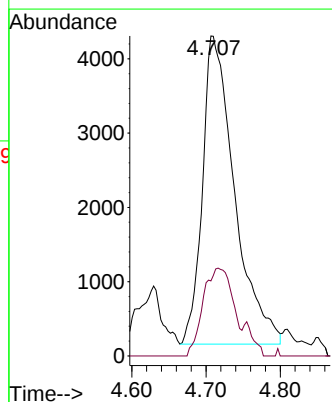
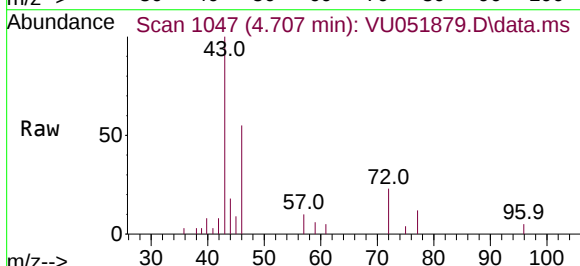
Acq: 16 Nov 2022 13:05

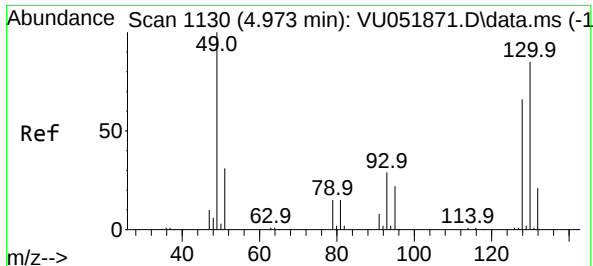
Tgt Ion: 43 Resp: 12447

Ion Ratio Lower Upper

43 100

72 8.8 15.7 47.1#





#23

Bromochloromethane

Concen: 2.124 ug/L

RT: 4.977 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VU051879.D

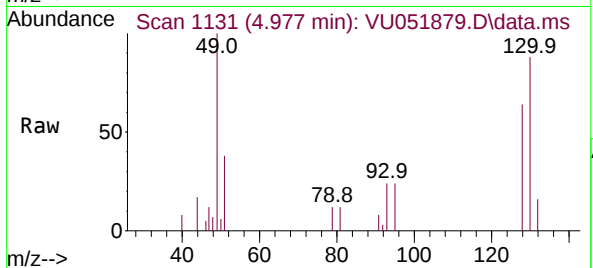
Acq: 16 Nov 2022 13:05

Instrument :

MSVOA_U

ClientSampleId :

MDL05



Tgt Ion:128 Resp: 4266

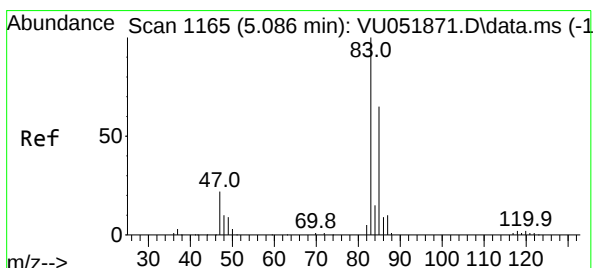
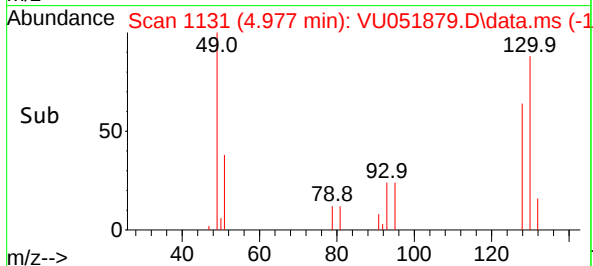
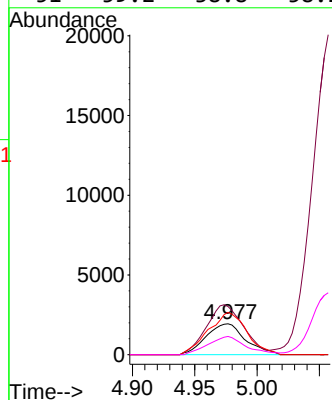
Ion Ratio Lower Upper

128 100

49 156.2 107.2 199.0

130 137.0 92.5 171.7

51 59.2 38.8 58.2#



#25

Chloroform

Concen: 3.146 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051879.D

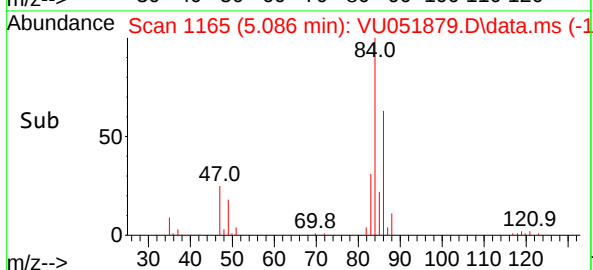
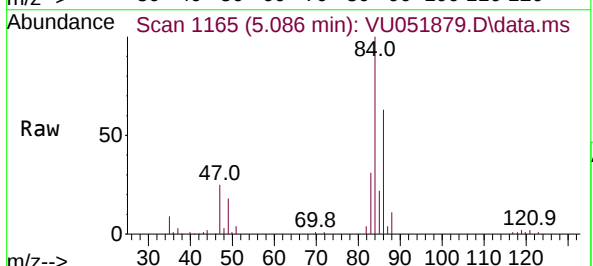
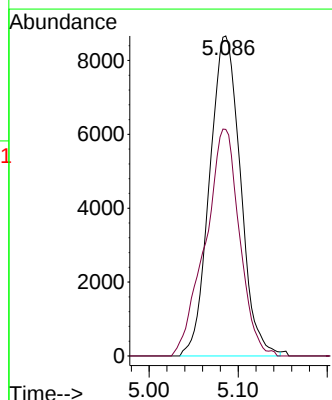
Acq: 16 Nov 2022 13:05

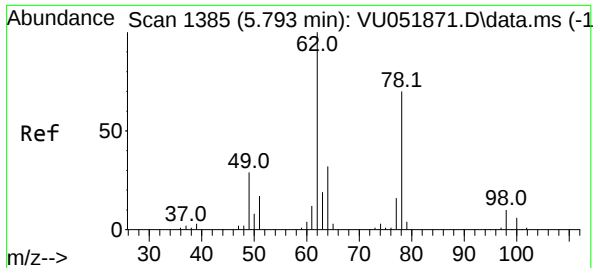
Tgt Ion: 83 Resp: 20831

Ion Ratio Lower Upper

83 100

85 70.8 45.6 84.8

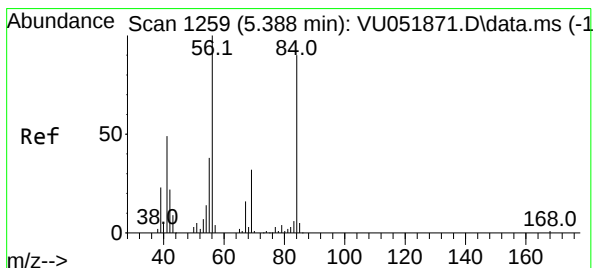
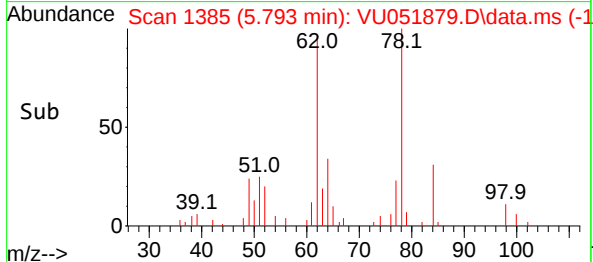
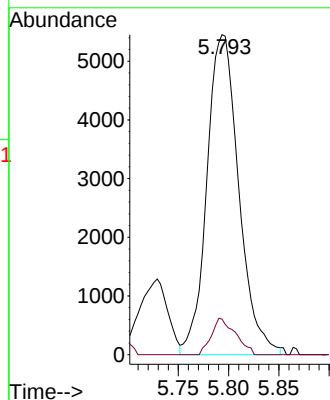
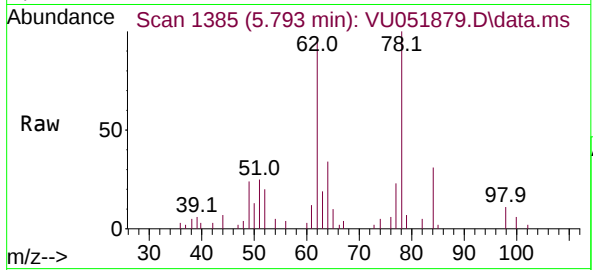




#27
1,2-Dichloroethane
Concen: 2.458 ug/L
RT: 5.793 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

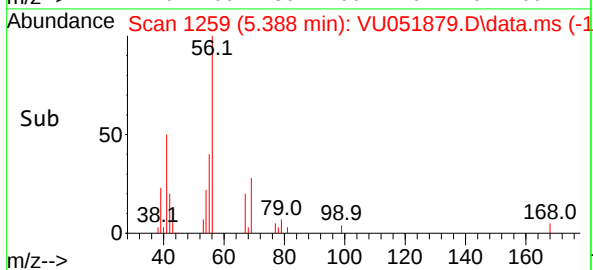
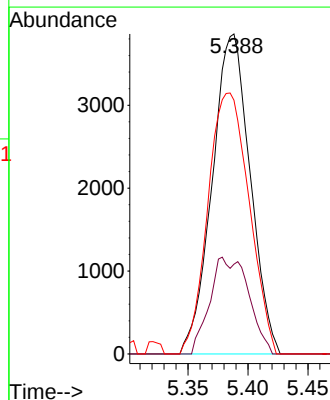
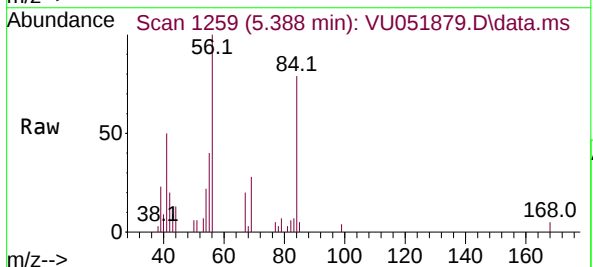
Instrument :
MSVOA_U
ClientSampleId :
MDL05

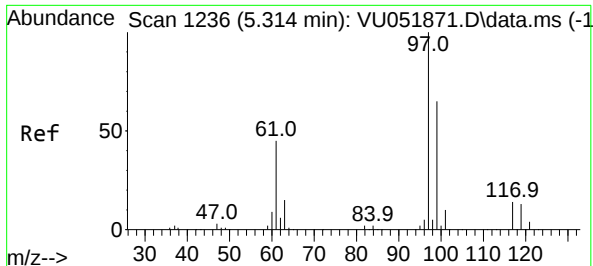
Tgt Ion: 62 Resp: 12027
Ion Ratio Lower Upper
62 100
98 11.2 8.1 12.1



#29
Cyclohexane
Concen: 2.079 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

Tgt Ion: 56 Resp: 8495
Ion Ratio Lower Upper
56 100
69 16.6 25.4 38.2#
84 88.5 71.4 107.0





#30

1,1,1-Trichloroethane

Concen: 2.259 ug/L

RT: 5.314 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU051879.D

Acq: 16 Nov 2022 13:05

Instrument :

MSVOA_U

ClientSampleId :

MDL05

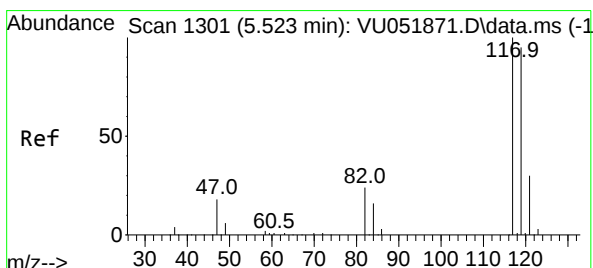
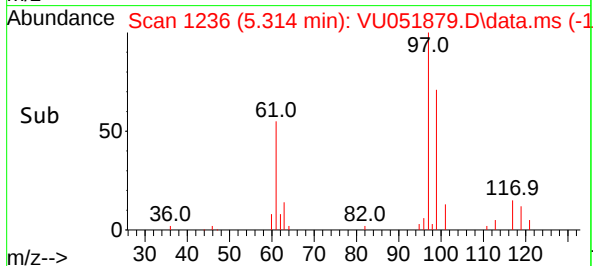
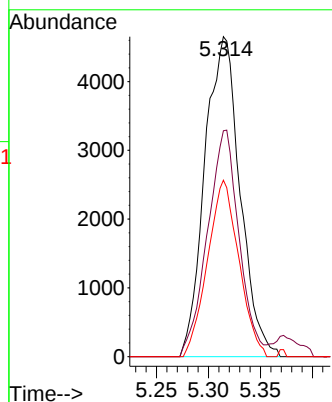
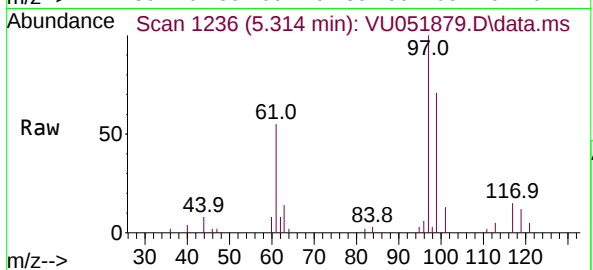
Tgt Ion: 97 Resp: 10939

Ion Ratio Lower Upper

97 100

99 63.5 51.2 76.8

61 49.1 37.4 56.2



#31

Carbon tetrachloride

Concen: 2.202 ug/L

RT: 5.526 min Scan# 1302

Delta R.T. 0.003 min

Lab File: VU051879.D

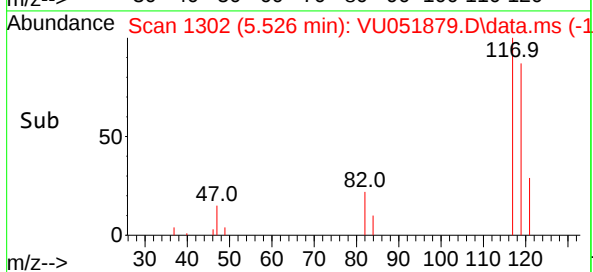
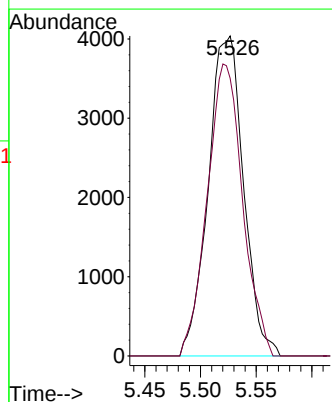
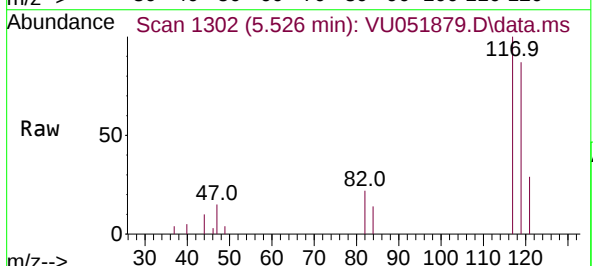
Acq: 16 Nov 2022 13:05

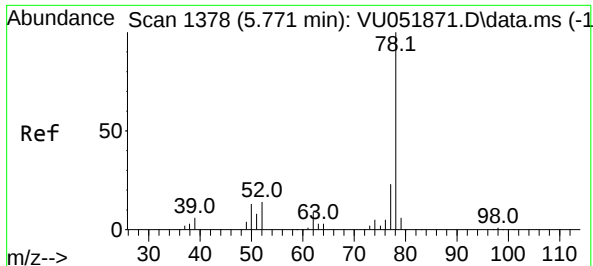
Tgt Ion: 117 Resp: 8915

Ion Ratio Lower Upper

117 100

119 91.4 75.6 113.4

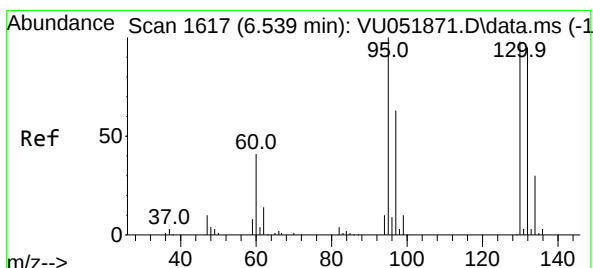
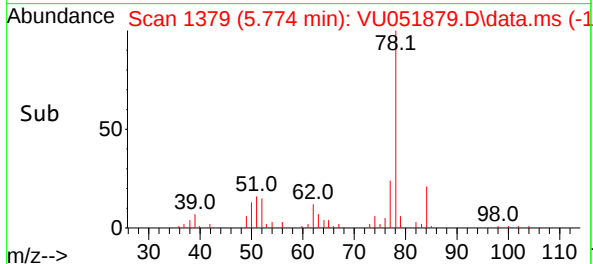
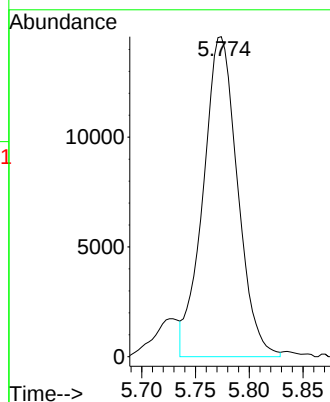
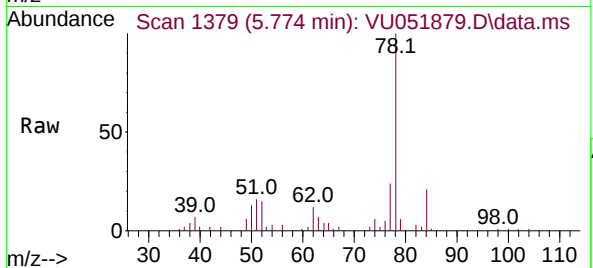




#33
Benzene
Concen: 2.351 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

Instrument :
MSVOA_U
ClientSampleId :
MDL05

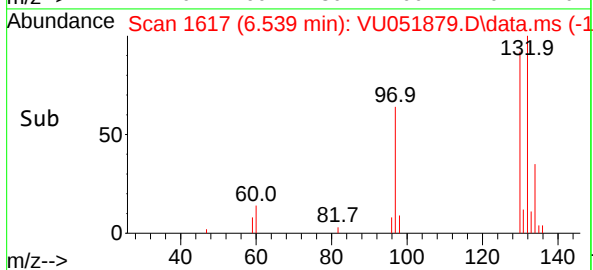
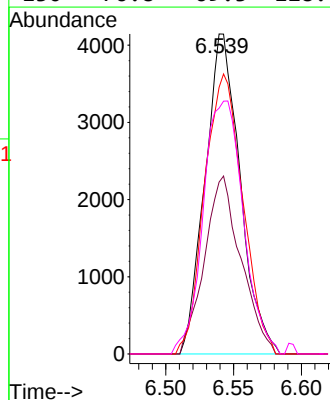
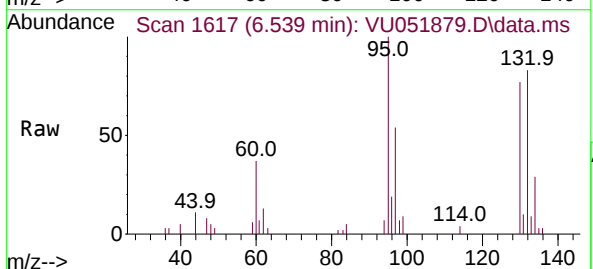
Tgt Ion: 78 Resp: 32397

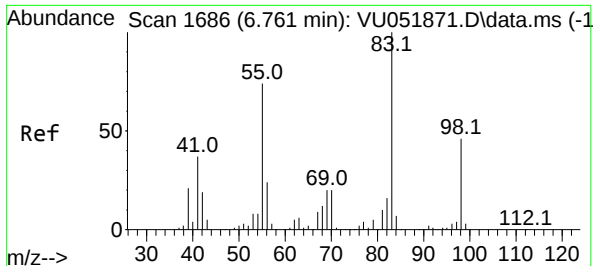


#34
Trichloroethene
Concen: 2.285 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

Tgt Ion: 95 Resp: 7458

Ion	Ratio	Lower	Upper
95	100		
97	53.7	45.8	85.0
132	83.3	65.3	121.3
130	76.8	69.3	128.7





#35

Methylcyclohexane

Concen: 2.249 ug/L

RT: 6.758 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU051879.D

Acq: 16 Nov 2022 13:05

Instrument :

MSVOA_U

ClientSampleId :

MDL05

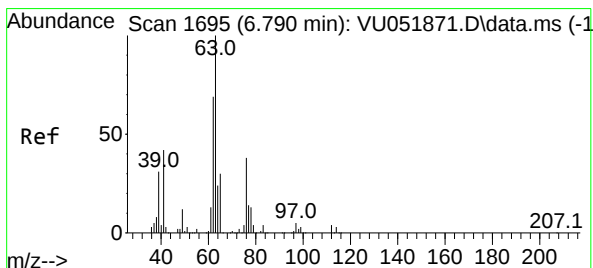
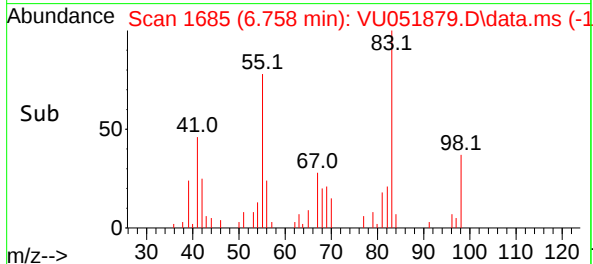
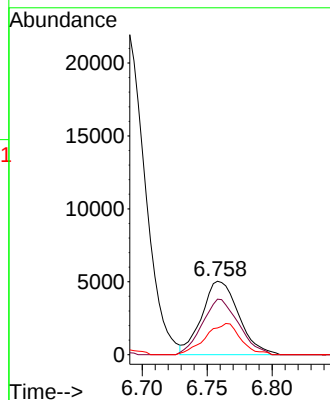
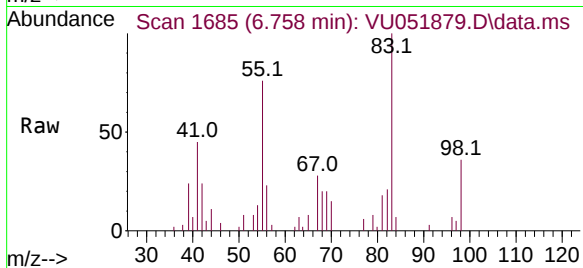
Tgt Ion: 83 Resp: 9955

Ion Ratio Lower Upper

83 100

55 74.2 60.0 90.0

98 40.4 35.8 53.8



#37

1,2-Dichloropropane

Concen: 2.136 ug/L

RT: 6.790 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VU051879.D

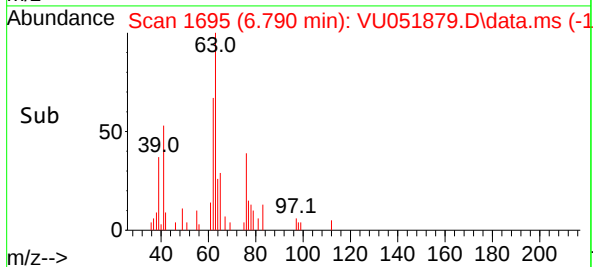
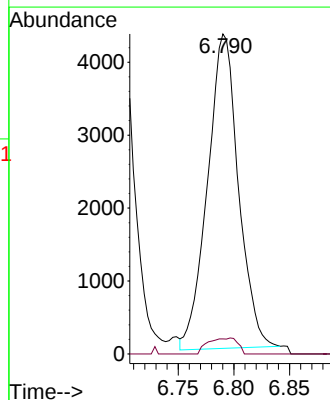
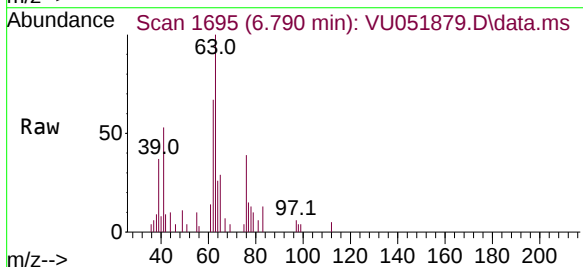
Acq: 16 Nov 2022 13:05

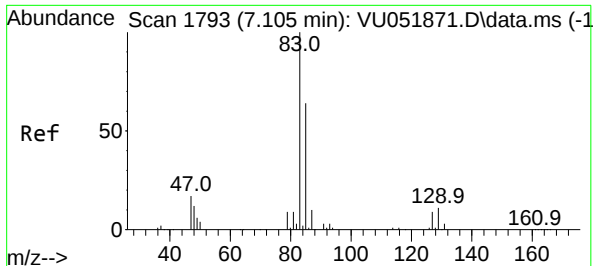
Tgt Ion: 63 Resp: 8334

Ion Ratio Lower Upper

63 100

112 3.2 3.0 4.6

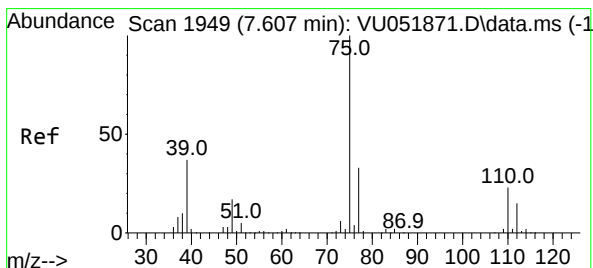
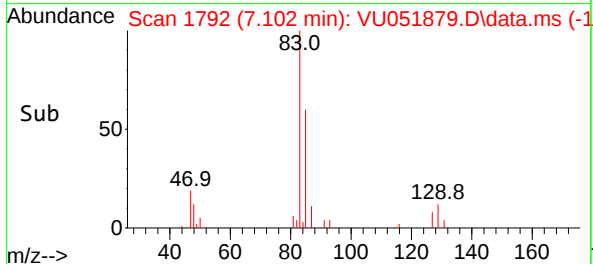
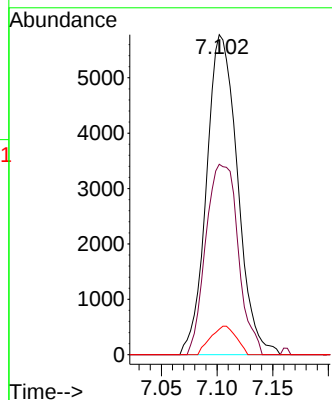
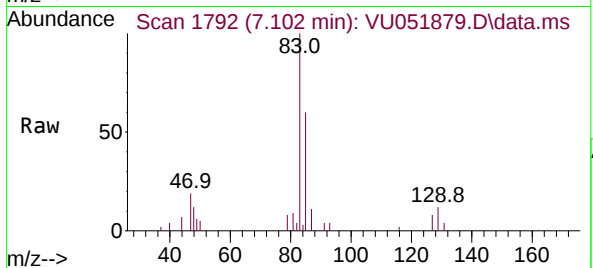




#38
Bromodichloromethane
Concen: 2.296 ug/L
RT: 7.102 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

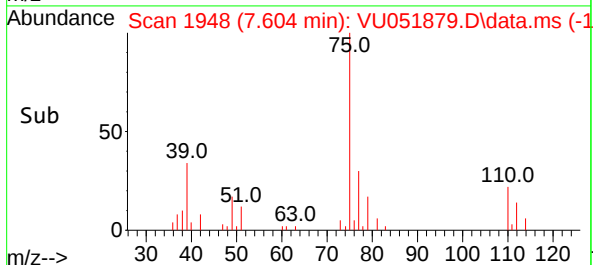
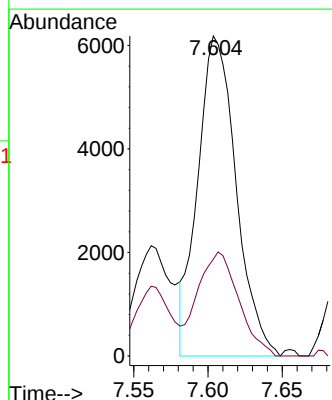
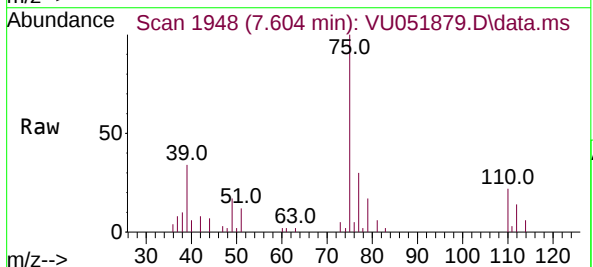
Instrument :
MSVOA_U
ClientSampleId :
MDL05

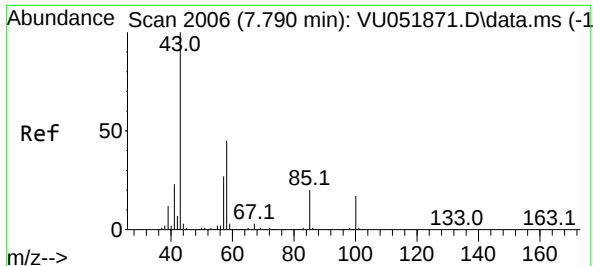
Tgt Ion: 83 Resp: 11206
Ion Ratio Lower Upper
83 100
85 59.5 44.6 82.8
127 8.0 6.5 9.7



#39
cis-1,3-Dichloropropene
Concen: 2.174 ug/L
RT: 7.604 min Scan# 1948
Delta R.T. -0.003 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

Tgt Ion: 75 Resp: 11097
Ion Ratio Lower Upper
75 100
77 30.3 22.5 41.7





#40

4-Methyl-2-pentanone

Concen: 3.951 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU051879.D

Acq: 16 Nov 2022 13:05

Instrument :

MSVOA_U

ClientSampleId :

MDL05

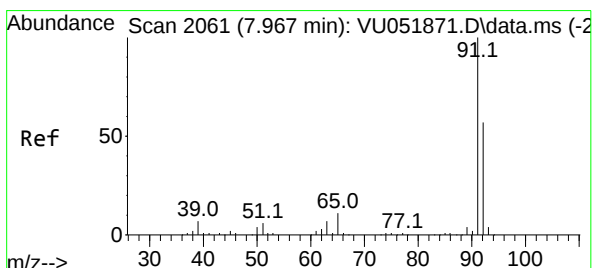
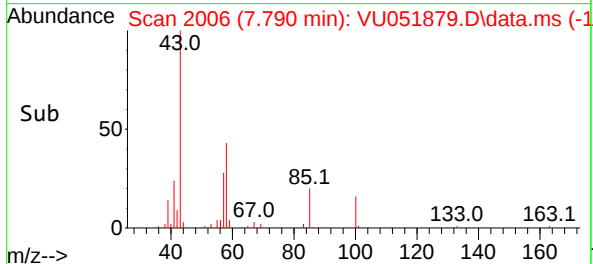
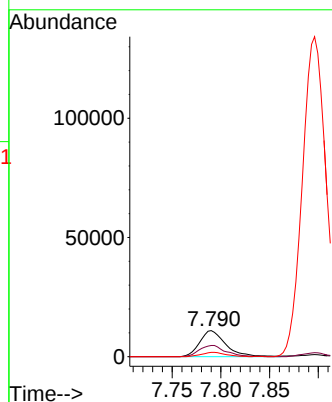
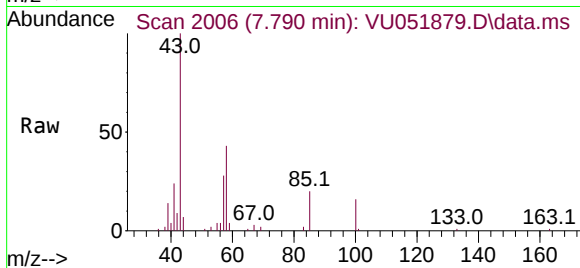
Tgt Ion: 43 Resp: 20296

Ion Ratio Lower Upper

43 100

58 43.8 35.4 53.2

100 15.4 13.4 20.0



#42

Toluene

Concen: 2.205 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051879.D

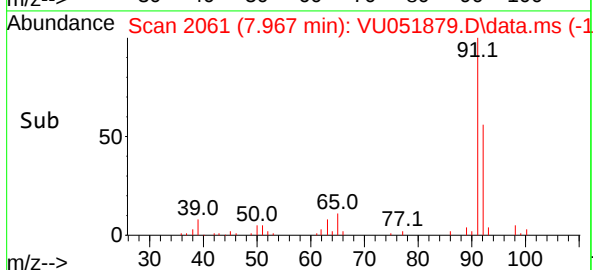
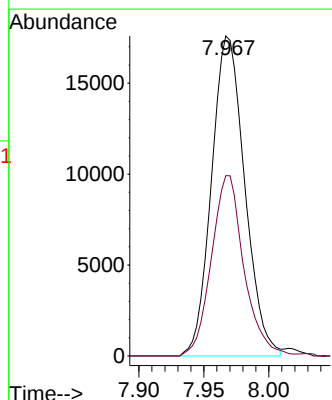
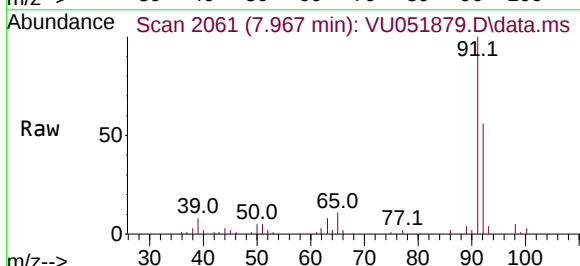
Acq: 16 Nov 2022 13:05

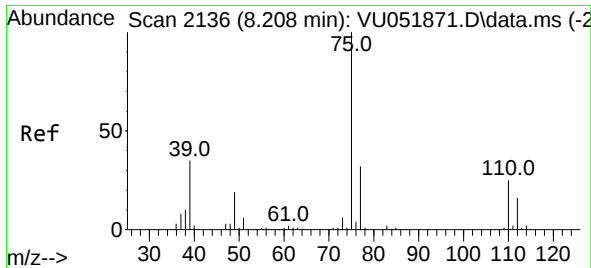
Tgt Ion: 91 Resp: 31249

Ion Ratio Lower Upper

91 100

92 56.3 39.5 73.4

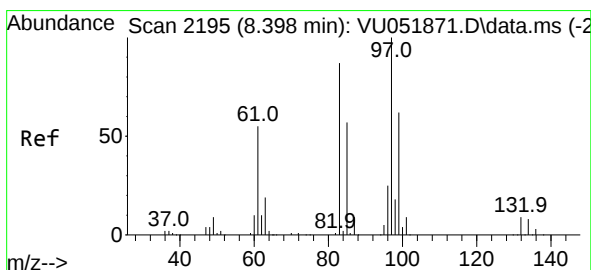
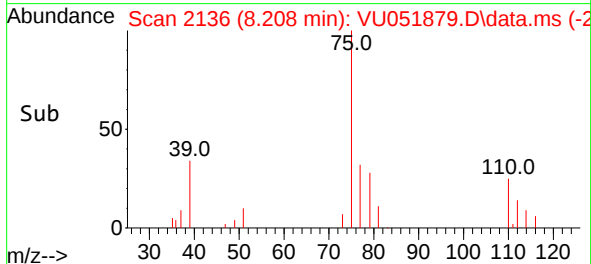
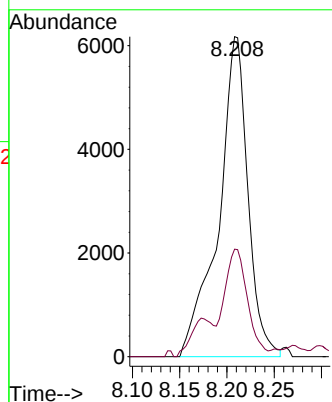
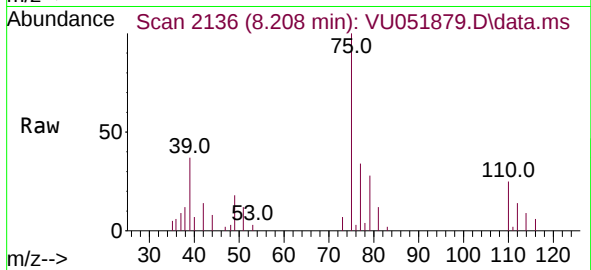




#44
trans-1,3-Dichloropropene
Concen: 2.728 ug/L
RT: 8.208 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

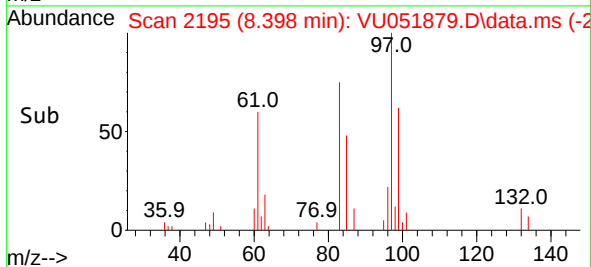
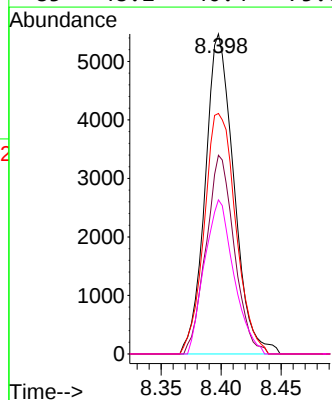
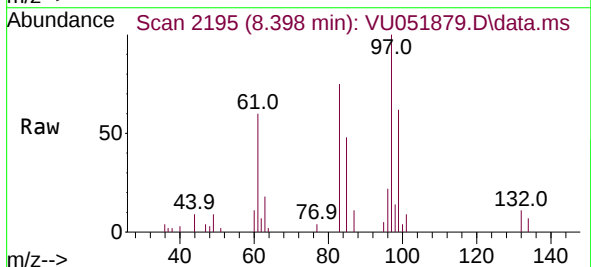
Instrument :
MSVOA_U
ClientSampleId :
MDL05

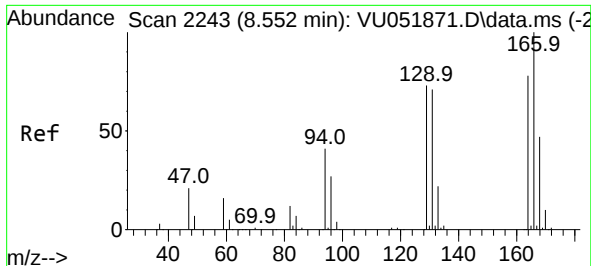
Tgt Ion: 75 Resp: 13339
Ion Ratio Lower Upper
75 100
77 33.6 21.8 40.6



#45
1,1,2-Trichloroethane
Concen: 2.298 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

Tgt Ion: 97 Resp: 9109
Ion Ratio Lower Upper
97 100
99 62.1 44.3 82.3
83 75.2 62.3 115.7
85 48.2 40.4 75.0



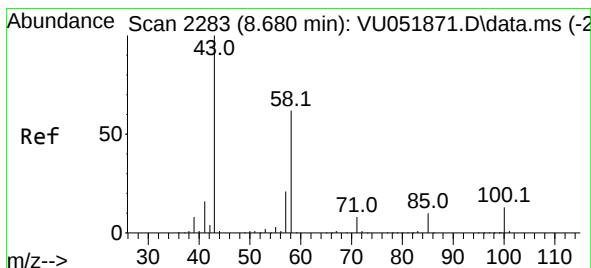
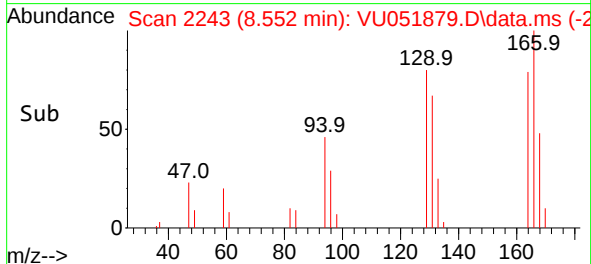
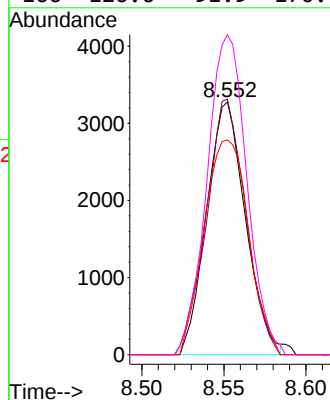
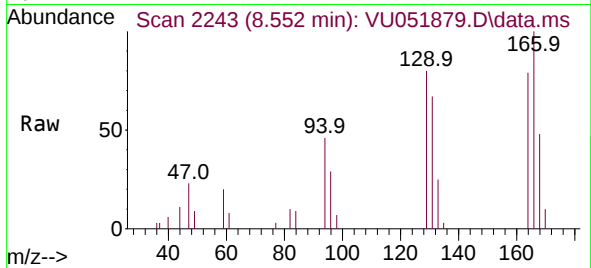


#46
Tetrachloroethene
Concen: 2.073 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Tgt Ion:164 Resp: 5404

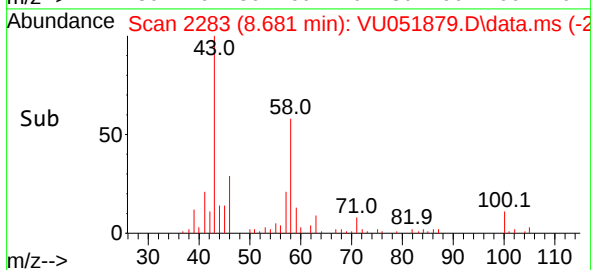
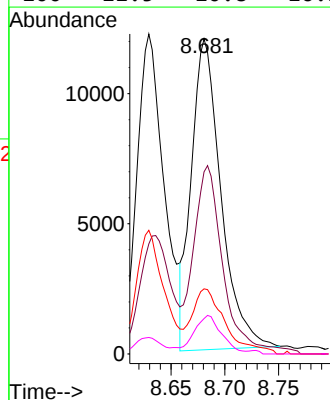
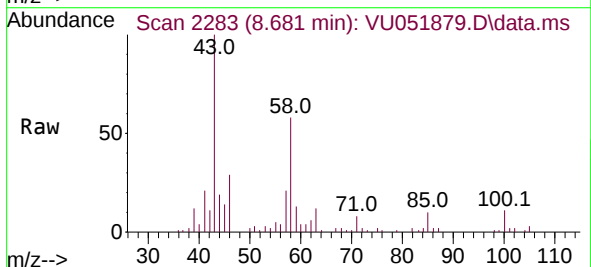
Ion	Ratio	Lower	Upper
164	100		
129	101.0	68.5	127.1
131	85.0	66.6	123.8
166	126.6	91.9	170.7

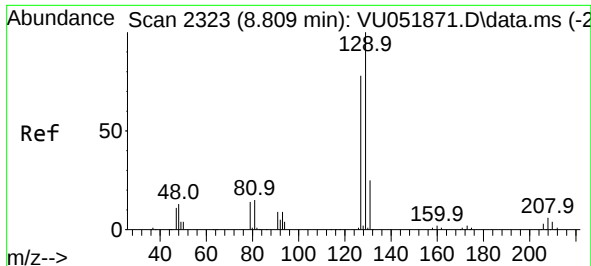


#48
2-Hexanone
Concen: 5.186 ug/L
RT: 8.681 min Scan# 2283
Delta R.T. 0.000 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

Tgt Ion: 43 Resp: 22882

Ion	Ratio	Lower	Upper
43	100		
58	61.2	50.6	76.0
57	23.3	16.8	25.2
100	11.5	10.8	16.2





#49

Dibromochloromethane

Concen: 2.296 ug/L

RT: 8.806 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU051879.D

Acq: 16 Nov 2022 13:05

Instrument :

MSVOA_U

ClientSampleId :

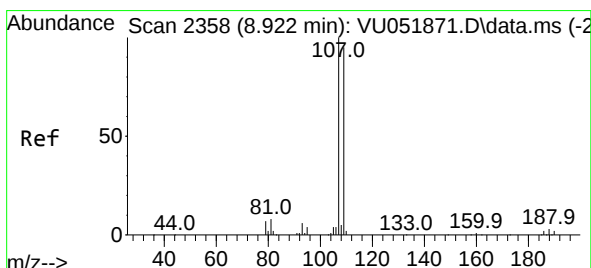
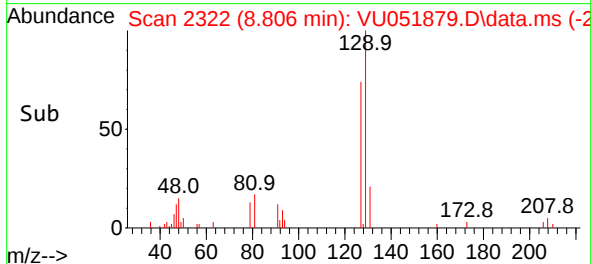
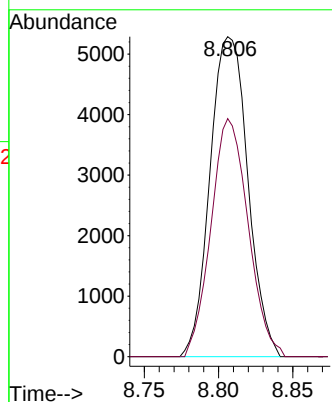
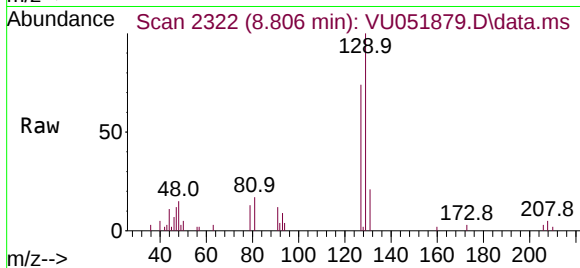
MDL05

Tgt Ion:129 Resp: 9384

Ion Ratio Lower Upper

129 100

127 74.4 54.4 101.0



#50

1,2-Dibromoethane

Concen: 2.251 ug/L

RT: 8.922 min Scan# 2358

Delta R.T. 0.000 min

Lab File: VU051879.D

Acq: 16 Nov 2022 13:05

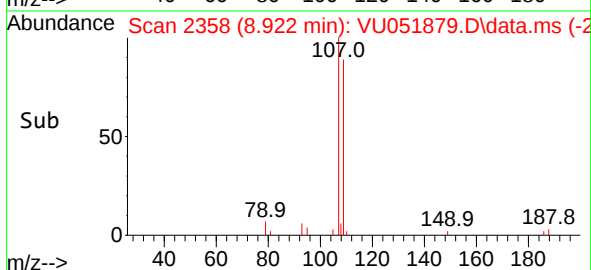
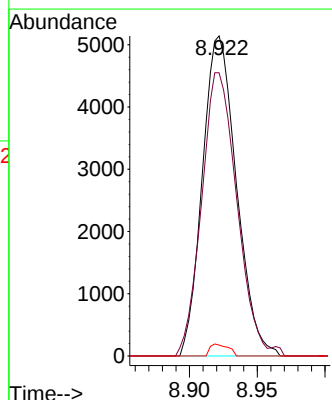
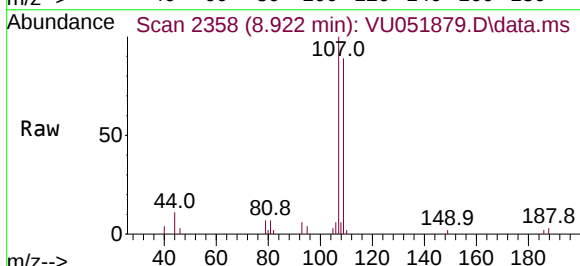
Tgt Ion:107 Resp: 8982

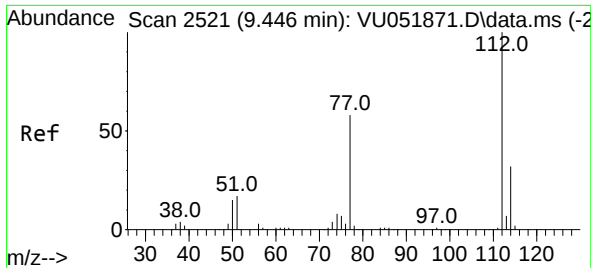
Ion Ratio Lower Upper

107 100

109 88.5 65.0 120.6

188 3.4 2.9 4.3

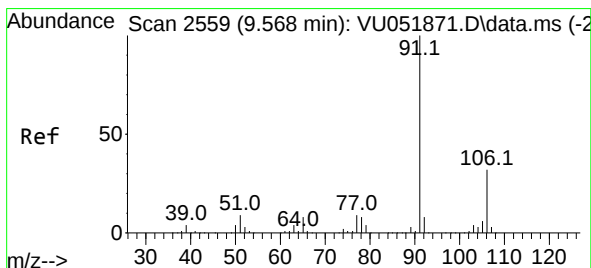
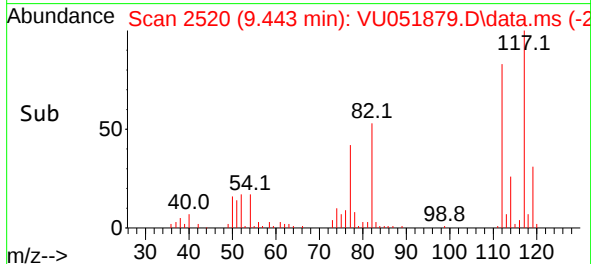
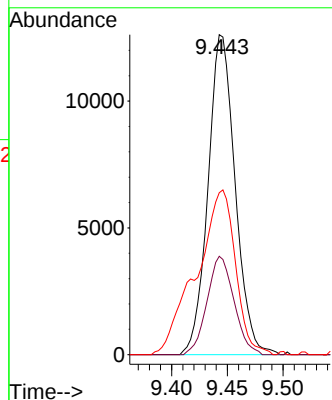
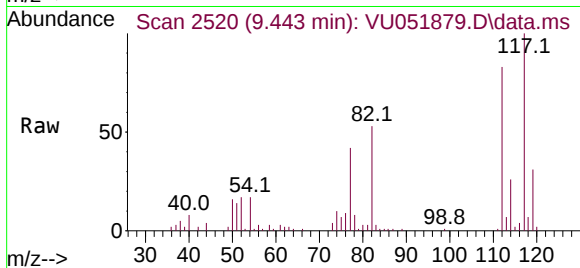




#51
Chlorobenzene
Concen: 2.211 ug/L
RT: 9.443 min Scan# 21407
Delta R.T. -0.003 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

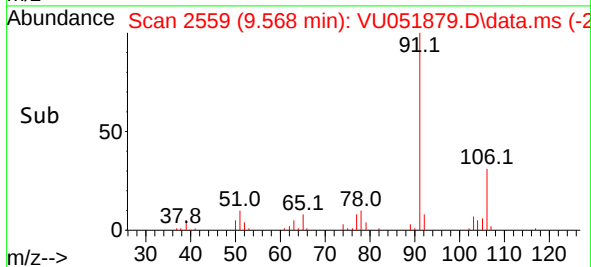
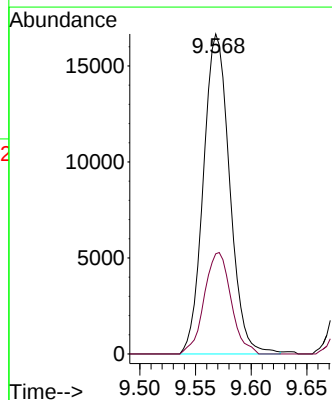
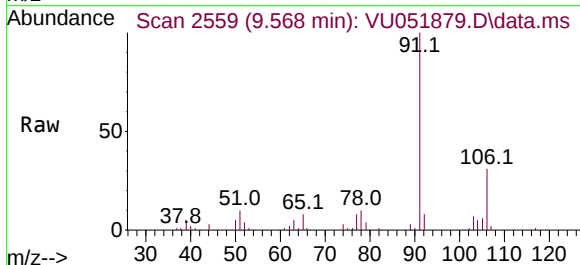
Instrument :
MSVOA_U
ClientSampleId :
MDL05

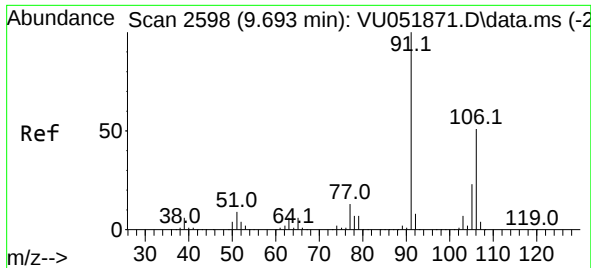
Tgt Ion:	112	Resp:	21407
Ion Ratio	Lower	Upper	
112	100		
114	30.8	22.2	41.2
77	50.6	46.7	70.1



#52
Ethylbenzene
Concen: 1.885 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

Tgt Ion:	91	Resp:	27344
Ion Ratio	Lower	Upper	
91	100		
106	31.3	21.3	39.6

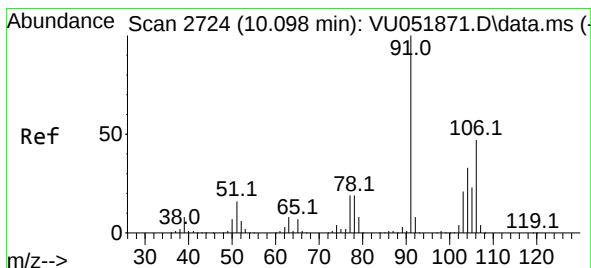
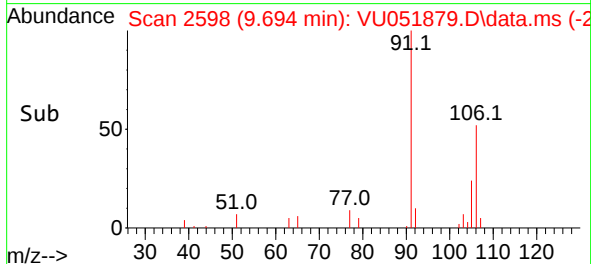
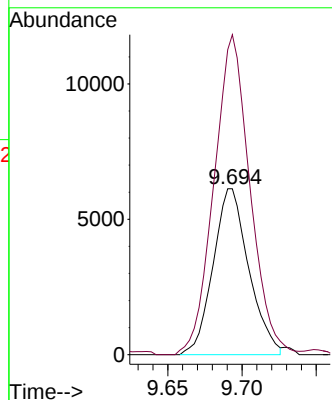
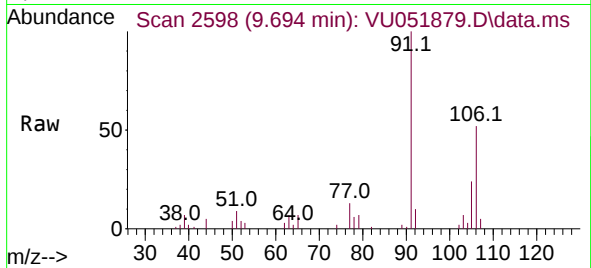




#53
m,p-Xylene
Concen: 1.827 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

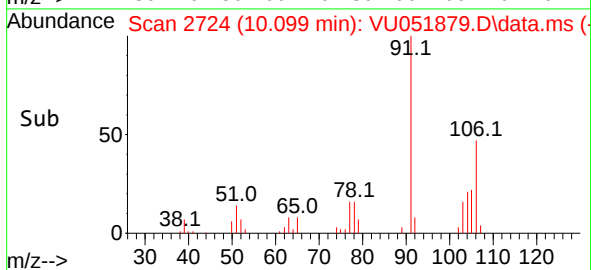
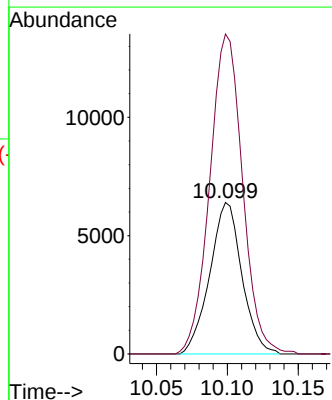
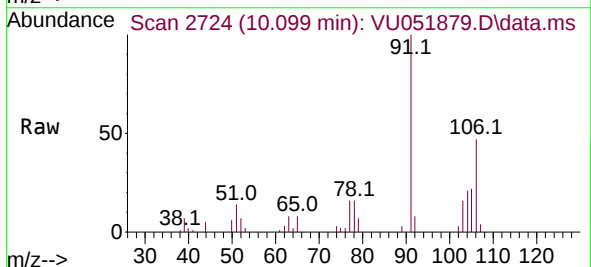
Instrument :
MSVOA_U
ClientSampleId :
MDL05

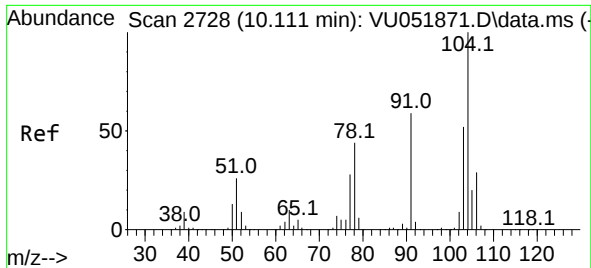
Tgt Ion:106 Resp: 10254
Ion Ratio Lower Upper
106 100
91 192.9 141.7 263.3



#54
o-Xylene
Concen: 1.766 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

Tgt Ion:106 Resp: 10092
Ion Ratio Lower Upper
106 100
91 211.2 149.7 278.1

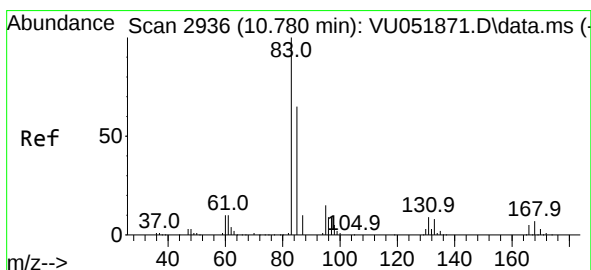
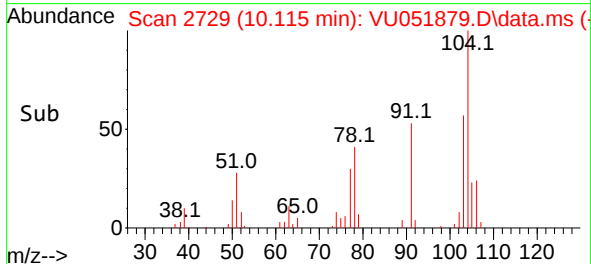
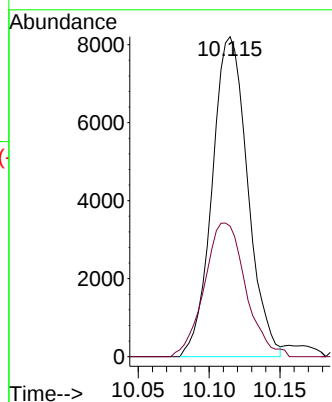
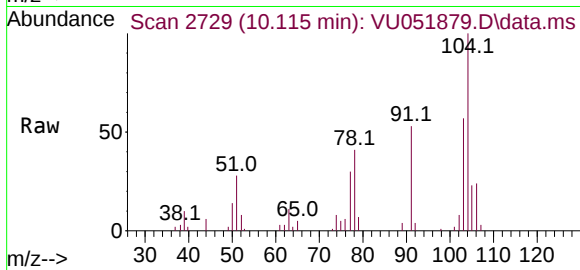




#55
Styrene
Concen: 1.450 ug/L
RT: 10.115 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

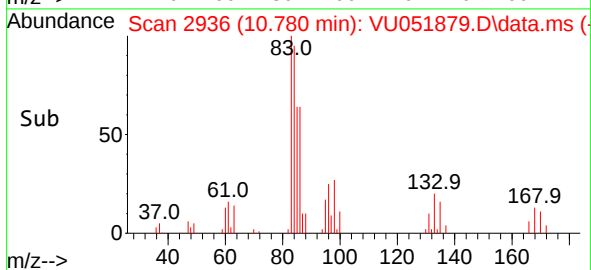
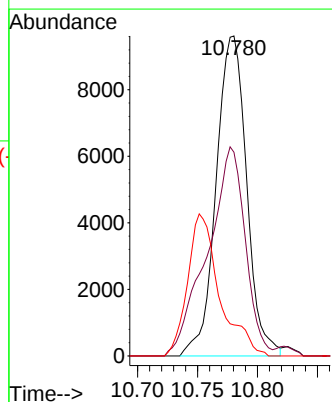
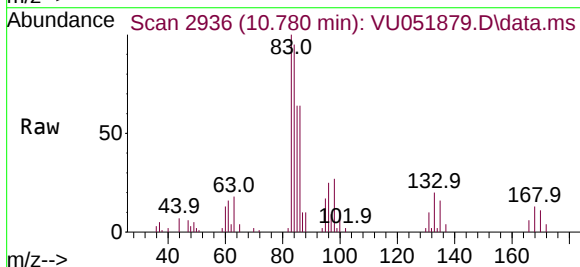
Instrument :
MSVOA_U
ClientSampleId :
MDL05

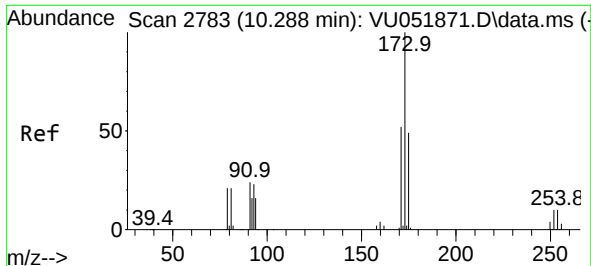
Tgt Ion:104 Resp: 14296
Ion Ratio Lower Upper
104 100
78 40.8 30.3 56.3



#57
1,1,2,2-Tetrachloroethane
Concen: 2.269 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

Tgt Ion: 83 Resp: 16995
Ion Ratio Lower Upper
83 100
85 63.7 44.9 83.3
131 9.7 6.8 10.2

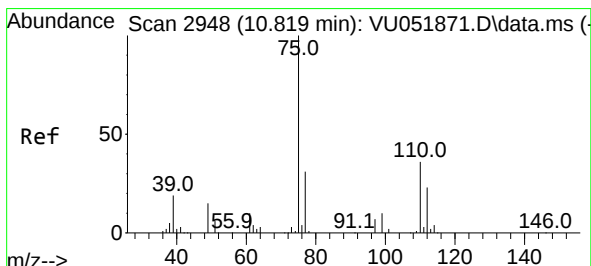
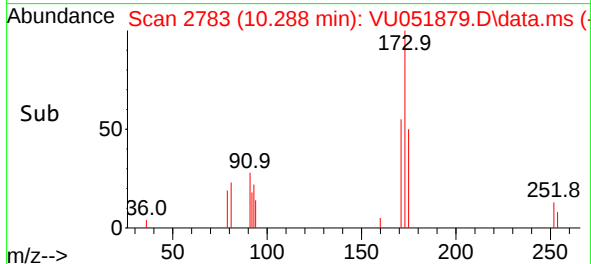
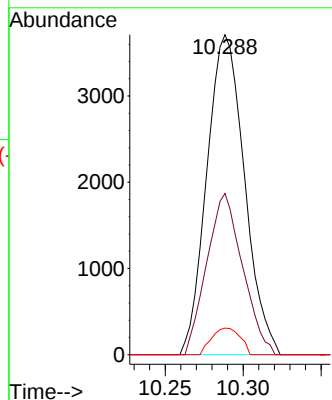
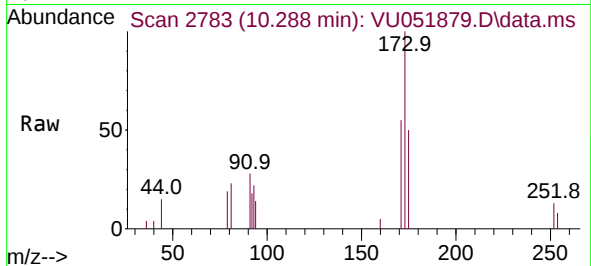




#59
Bromoform
Concen: 2.376 ug/L
RT: 10.288 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

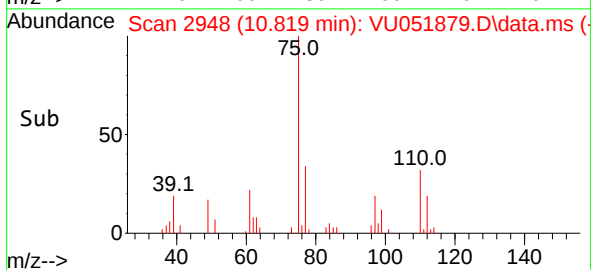
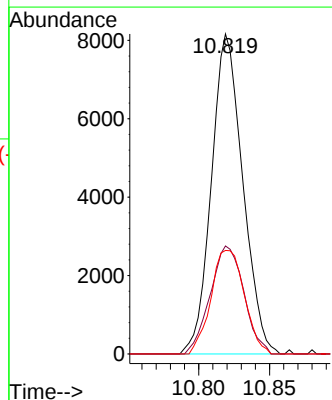
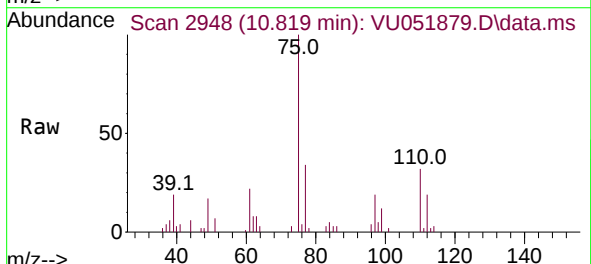
Instrument :
MSVOA_U
ClientSampleId :
MDL05

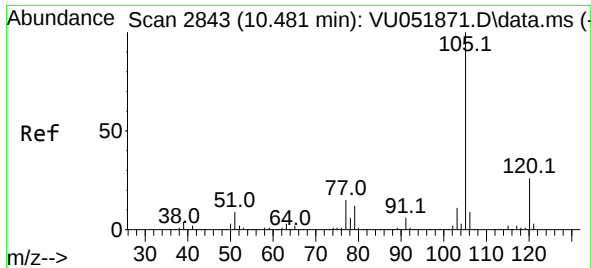
Tgt Ion:173 Resp: 6227
Ion Ratio Lower Upper
173 100
175 47.9 38.9 58.3
254 6.3 7.4 11.2#



#60
1,2,3-Trichloropropane
Concen: 2.716 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

Tgt Ion: 75 Resp: 12557
Ion Ratio Lower Upper
75 100
77 36.2 26.2 39.4
110 34.5 29.0 43.4

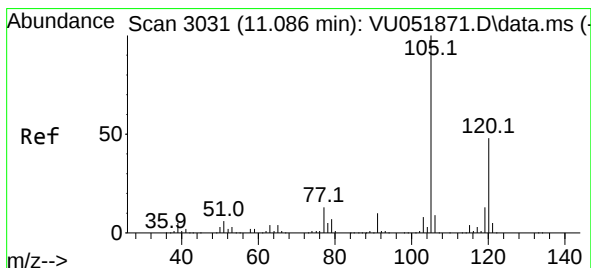
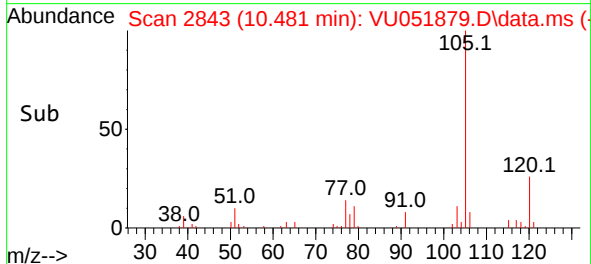
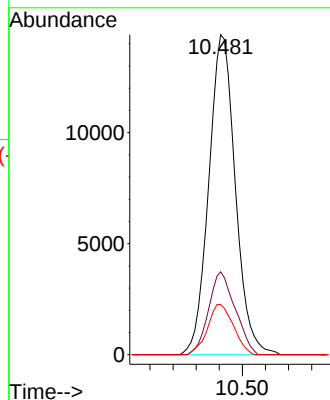
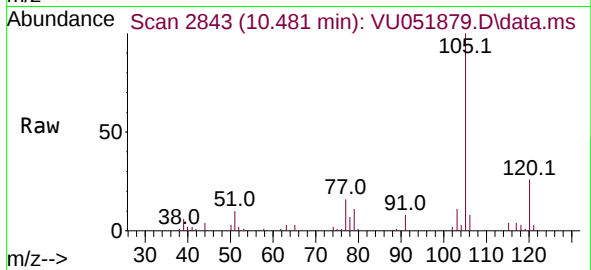




#61
Isopropylbenzene
Concen: 2.038 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

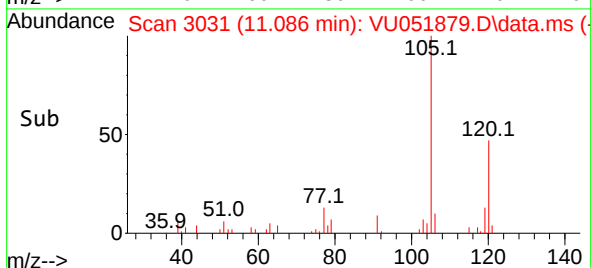
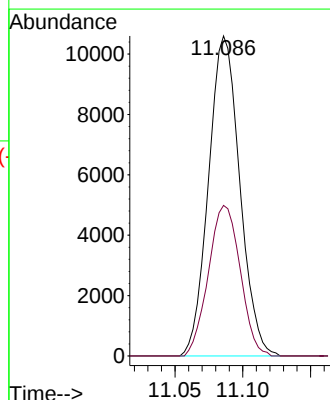
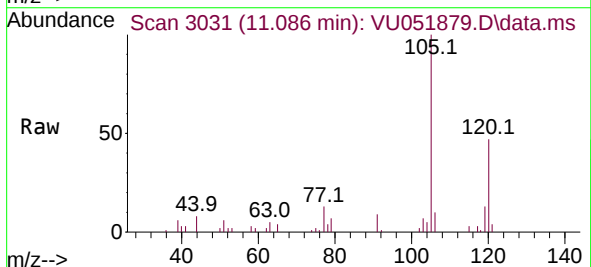
Instrument :
MSVOA_U
ClientSampleId :
MDL05

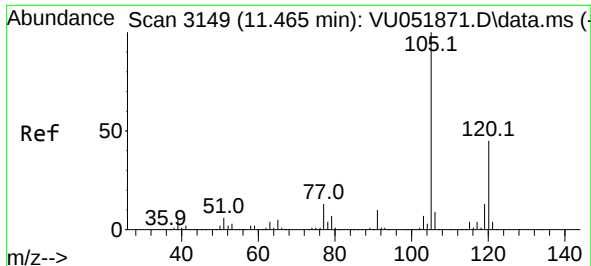
Tgt Ion:105 Resp: 23020
Ion Ratio Lower Upper
105 100
120 25.8 21.1 31.7
77 15.3 12.2 18.4



#62
1,3,5-Trimethylbenzene
Concen: 1.845 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

Tgt Ion:105 Resp: 16979
Ion Ratio Lower Upper
105 100
120 47.8 39.1 58.7





#63

1,2,4-Trimethylbenzene

Concen: 1.668 ug/L

RT: 11.468 min Scan# 3149

Delta R.T. 0.003 min

Lab File: VU051879.D

Acq: 16 Nov 2022 13:05

Instrument :

MSVOA_U

ClientSampleId :

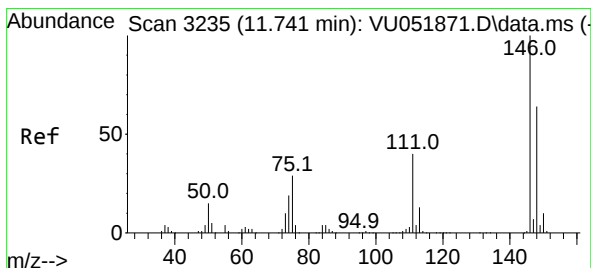
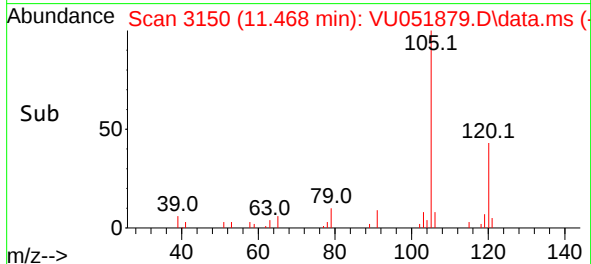
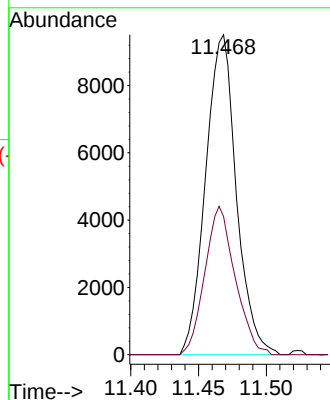
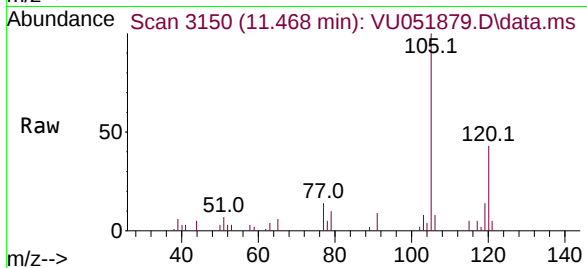
MDL05

Tgt Ion:105 Resp: 14996

Ion Ratio Lower Upper

105 100

120 45.6 36.2 54.2



#64

1,3-Dichlorobenzene

Concen: 2.048 ug/L

RT: 11.745 min Scan# 3236

Delta R.T. 0.003 min

Lab File: VU051879.D

Acq: 16 Nov 2022 13:05

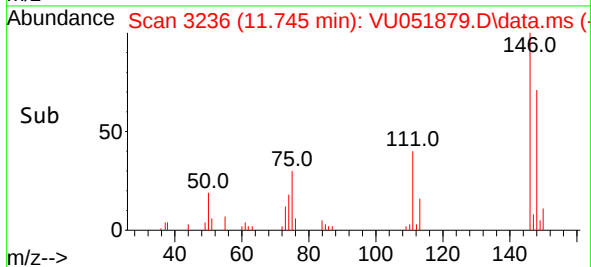
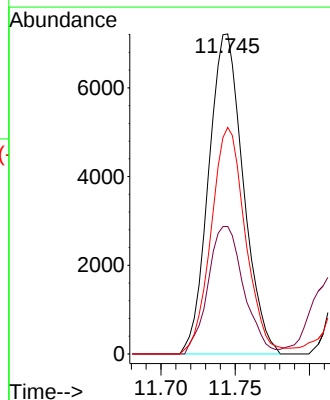
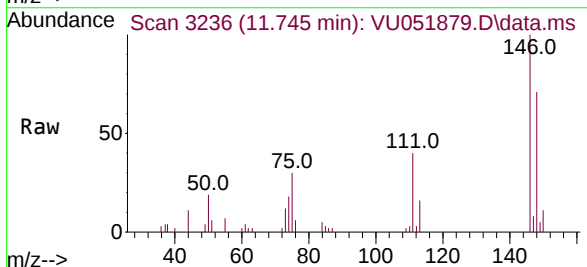
Tgt Ion:146 Resp: 11724

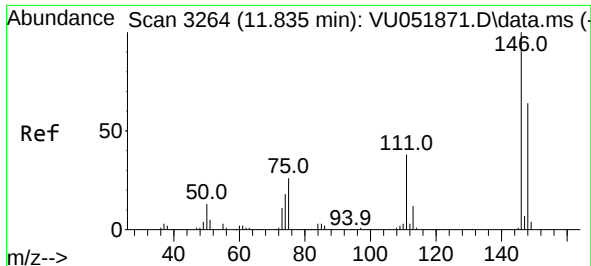
Ion Ratio Lower Upper

146 100

111 39.9 28.1 52.1

148 70.8 44.4 82.4

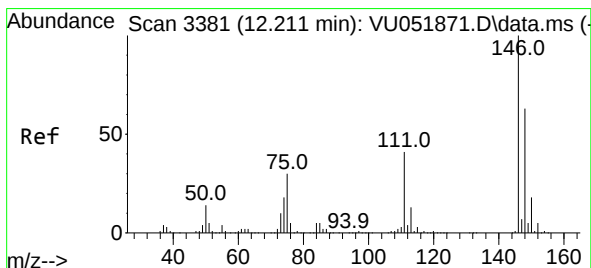
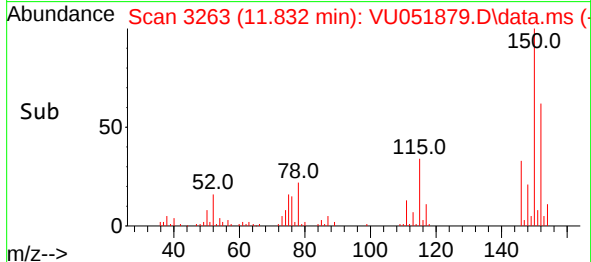
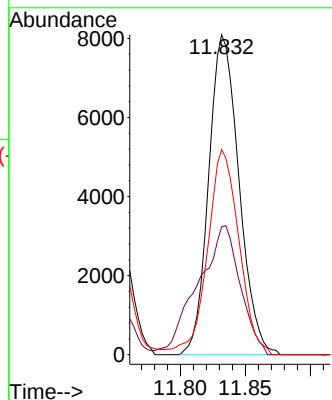
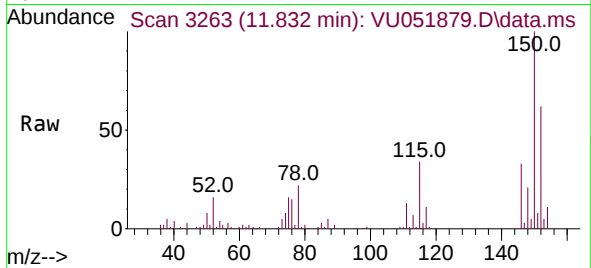




#65
1,4-Dichlorobenzene
Concen: 2.267 ug/L
RT: 11.832 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

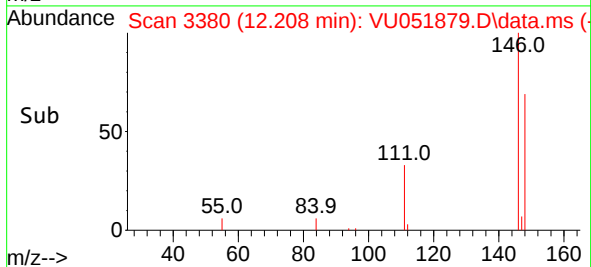
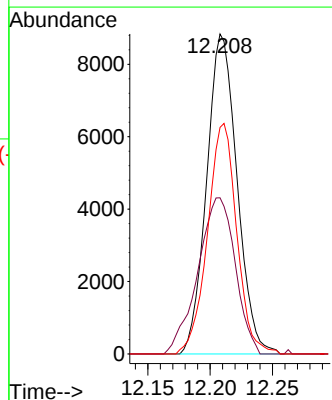
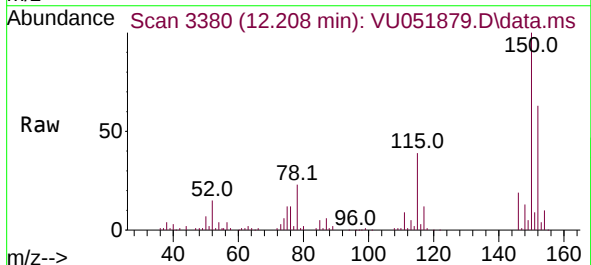
Instrument :
MSVOA_U
ClientSampleId :
MDL05

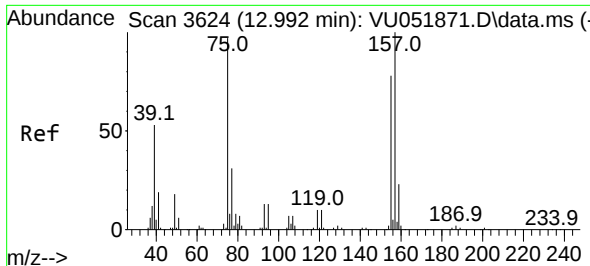
Tgt Ion:146 Resp: 13140
Ion Ratio Lower Upper
146 100
111 40.0 26.7 49.5
148 64.1 44.4 82.4



#67
1,2-Dichlorobenzene
Concen: 2.466 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.003 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

Tgt Ion:146 Resp: 15013
Ion Ratio Lower Upper
146 100
111 48.8 33.6 50.4
148 70.8 50.9 76.3

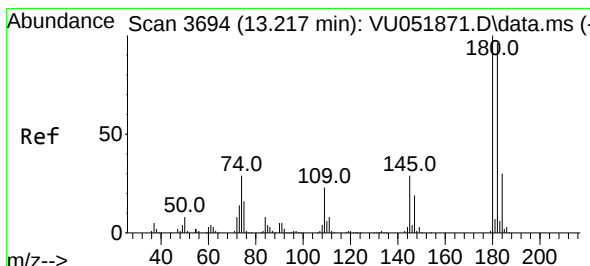
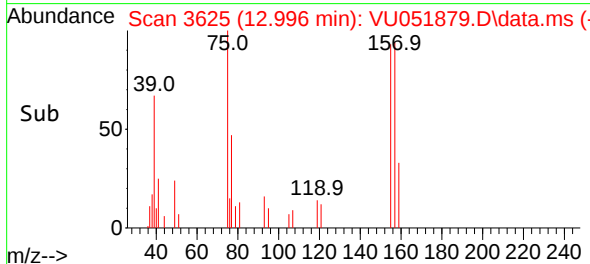
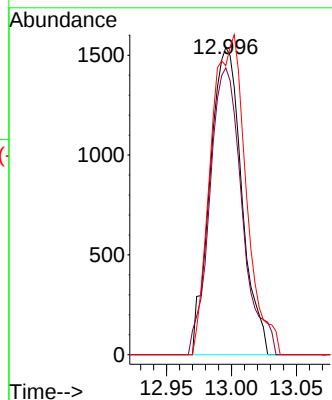
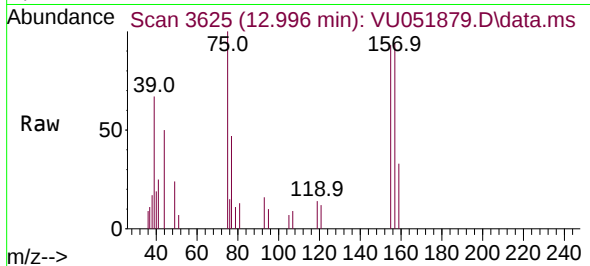




#68
1,2-Dibromo-3-chloropropane
Concen: 2.203 ug/L
RT: 12.996 min Scan# 30
Delta R.T. 0.003 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

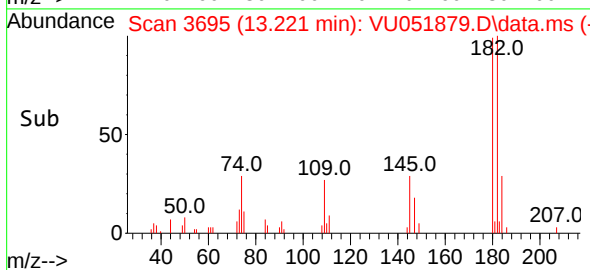
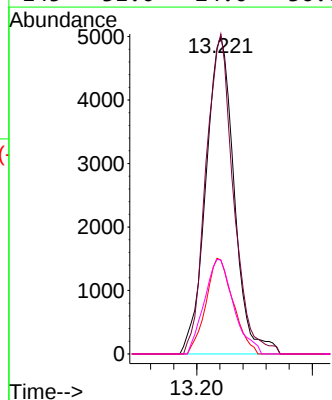
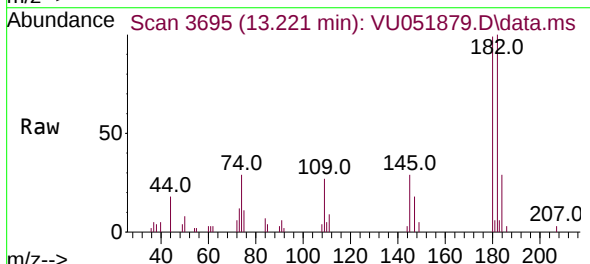
Instrument :
MSVOA_U
ClientSampleId :
MDL05

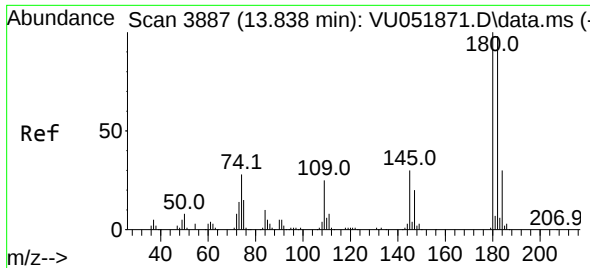
Tgt Ion: 75 Resp: 2608
Ion Ratio Lower Upper
75 100
155 93.4 63.0 94.6
157 94.1 79.4 119.0



#69
1,3,5-Trichlorobenzene
Concen: 2.229 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. 0.003 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

Tgt Ion:180 Resp: 8467
Ion Ratio Lower Upper
180 100
182 97.5 77.0 115.4
184 29.0 23.8 35.8
145 31.0 24.0 36.0

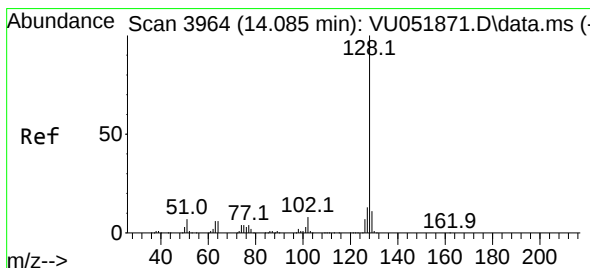
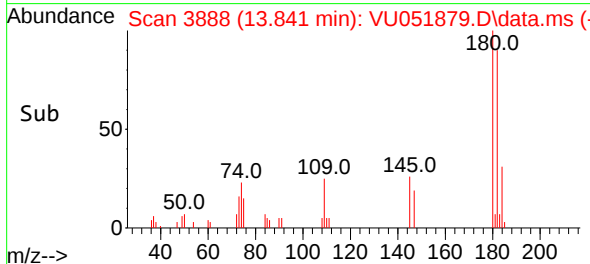
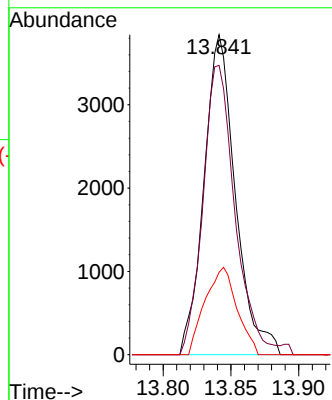
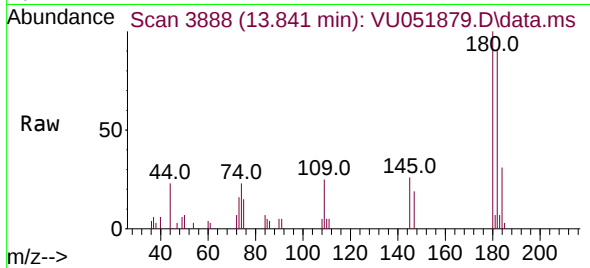




#70
1,2,4-trichlorobenzene
Concen: 2.059 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

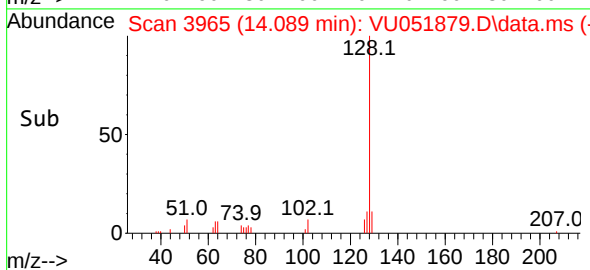
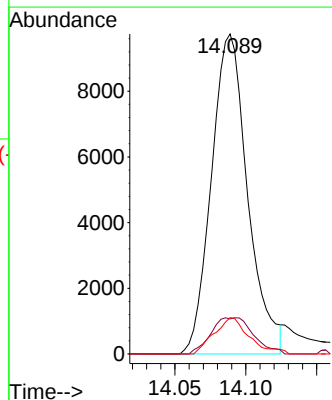
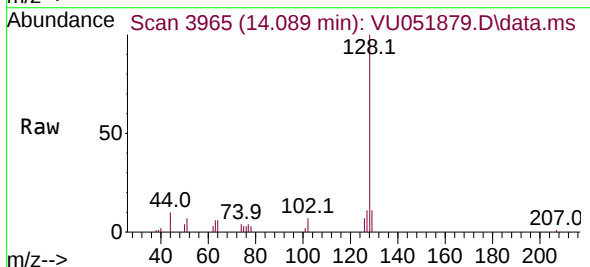
Instrument :
MSVOA_U
ClientSampleId :
MDL05

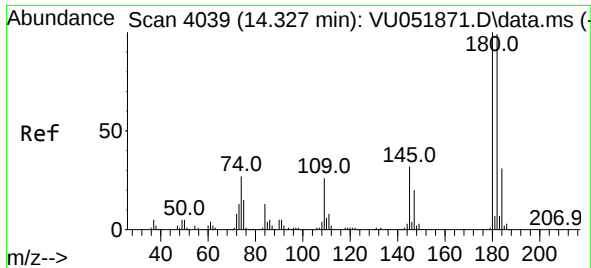
Tgt Ion:180 Resp: 6198
Ion Ratio Lower Upper
180 100
182 92.1 76.4 114.6
145 27.7 24.2 36.2



#71
Naphthalene
Concen: 1.752 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU051879.D
Acq: 16 Nov 2022 13:05

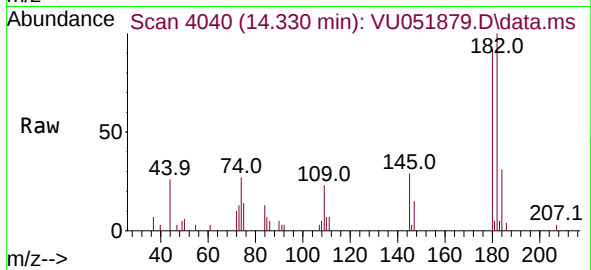
Tgt Ion:128 Resp: 17343
Ion Ratio Lower Upper
128 100
127 6.5 10.4 15.6#
129 11.0 8.5 12.7





#72
 1,2,3-Trichlorobenzene
 Concen: 1.944 ug/L
 RT: 14.330 min Scan# 4039
 Delta R.T. 0.003 min
 Lab File: VU051879.D
 Acq: 16 Nov 2022 13:05

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL05



Tgt Ion:	180	Resp:	6406
Ion Ratio	Lower	Upper	
180	100		
182	98.5	76.9	115.3
145	30.8	24.9	37.3

