

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011822\
 Data File : VU046774.D
 Acq On : 18 Jan 2022 10:49
 Operator : SY/MD
 Sample : VSTD0.545
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 19 06:00:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 19 05:54:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	126721	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	130682	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	72849	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	4668	0.463	ug/L	0.00
7) Chloroethane-d5	1.919	69	3849	0.480	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	1875	0.441	ug/L	0.00
20) 2-Butanone-d5	4.662	46	9803	3.238	ug/L	0.00
24) Chloroform-d	5.070	84	8813	0.481	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	4524	0.434	ug/L	0.00
32) Benzene-d6	5.729	84	16745	0.460	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	4961	0.453	ug/L	0.00
41) Toluene-d8	7.903	98	15037	0.453	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.186	79	2093	0.416	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	10906	3.645	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	4911	0.432	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	6202	0.464	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	5046	0.281	ug/L	94
3) Chloromethane	1.523	50	4427	0.289	ug/L	94
5) Vinyl chloride	1.607	62	4183	0.275	ug/L	98
6) Bromomethane	1.864	94	2794	0.302	ug/L	97
8) Chloroethane	1.938	64	2422	0.273	ug/L	83
9) Trichlorofluoromethane	2.144	101	5258	0.266	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	3124	0.304	ug/L	95
12) 1,1-Dichloroethene	2.588	96	2827	0.272	ug/L	89
14) Carbon disulfide	2.800	76	10822	0.320	ug/L	99
15) Methyl Acetate	2.977	43	1477	0.295	ug/L #	69
17) Methyl tert-butyl Ether	3.363	73	7814	0.263	ug/L	100
18) trans-1,2-Dichloroethene	3.363	96	3271	0.297	ug/L	84
19) 1,1-Dichloroethane	3.877	63	5058	0.252	ug/L	95
21) 2-Butanone	4.745	43	9022	2.363	ug/L #	70
22) cis-1,2-Dichloroethene	4.671	96	3486	0.289	ug/L	86
23) Bromochloromethane	4.983	128	1616	0.271	ug/L #	80
25) Chloroform	5.092	83	26649	1.184	ug/L	94
27) 1,2-Dichloroethane	5.800	62	3554	0.232	ug/L #	94
29) 1,1,1-Trichloroethane	5.321	97	4985	0.256	ug/L	96
30) Cyclohexane	5.395	56	4591	0.278	ug/L	94
31) Carbon tetrachloride	5.530	117	3974	0.243	ug/L	90
33) Benzene	5.781	78	12632	0.268	ug/L	100
34) Trichloroethene	6.546	95	3351	0.269	ug/L	87
35) Methylcyclohexane	6.764	83	5051	0.281	ug/L	99
37) 1,2-Dichloropropane	6.797	63	3197	0.269	ug/L #	88
38) Bromodichloromethane	7.108	83	5963	0.360	ug/L #	99
39) cis-1,3-Dichloropropene	7.610	75	4553	0.250	ug/L	94
40) 4-Methyl-2-pentanone	7.797	43	21267	2.372	ug/L	96
42) Toluene	7.973	91	13981	0.287	ug/L	99
44) trans-1,3-Dichloropropene	8.215	75	4092	0.244	ug/L	86
45) 1,1,2-Trichloroethane	8.404	97	2677	0.259	ug/L	91
47) Tetrachloroethene	8.555	164	2700	0.298	ug/L	98

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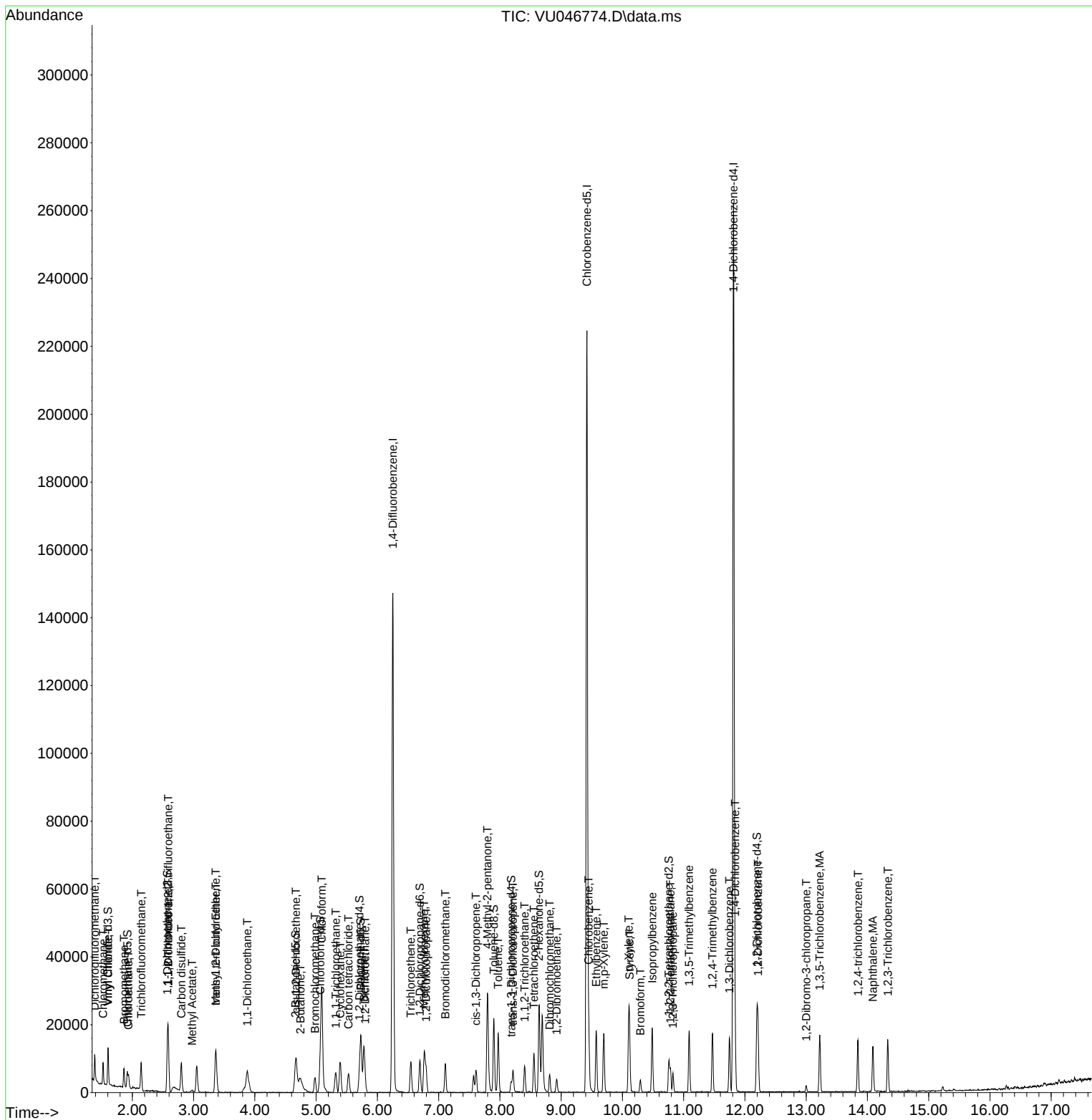
Quant Time: Jan 19 06:00:00 2022
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 Quant Title : TRACE VOA SFAM1.0
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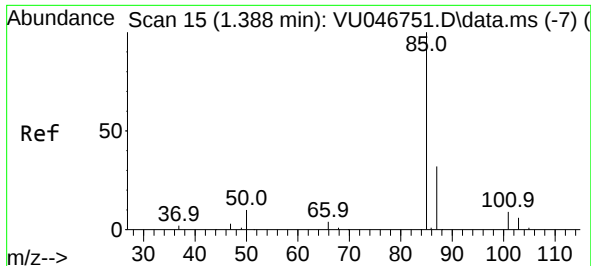
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

49) Dibromochloromethane	8.813	129	3254	0.273	ug/L	91
50) 1,2-Dibromoethane	8.925	107	2617	0.260	ug/L #	91
51) Chlorobenzene	9.449	112	9198	0.292	ug/L	92
52) Ethylbenzene	9.575	91	13663	0.268	ug/L	98
53) m,p-Xylene	9.697	106	5853	0.298	ug/L	92
54) o-Xylene	10.102	106	5085	0.272	ug/L	96
55) Styrene	10.118	104	7926	0.246	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.784	83	3535	0.259	ug/L	92
59) Bromoform	10.295	173	1774	0.236	ug/L #	94
60) Isopropylbenzene	10.488	105	13289	0.261	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	2738	0.254	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	10740	0.255	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	10543	0.248	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	7439	0.298	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	7652	0.299	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	7366	0.295	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.999	75	534	0.216	ug/L #	76
69) 1,3,5-Trichlorobenzene	13.221	180	5941	0.312	ug/L	98
70) 1,2,4-trichlorobenzene	13.845	180	5205	0.321	ug/L	97
71) Naphthalene	14.089	128	11994	0.343	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	5052	0.319	ug/L	96

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

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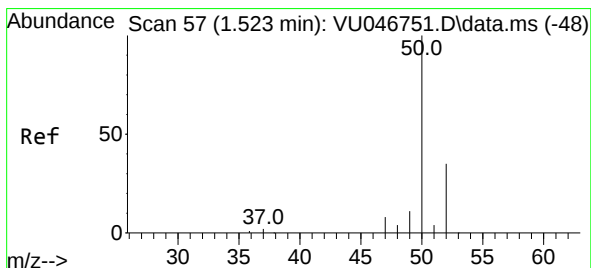
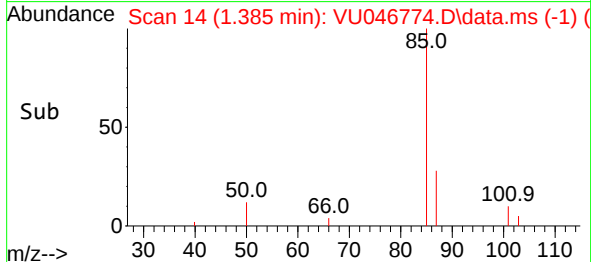
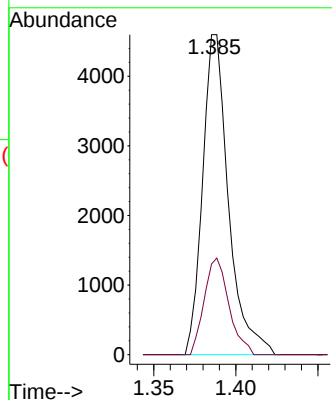
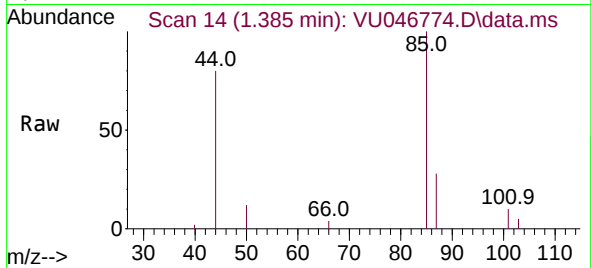




#2
 Dichlorodifluoromethane
 Concen: 0.281 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. -0.003 min
 Lab File: VU046774.D
 Acq: 18 Jan 2022 10:49

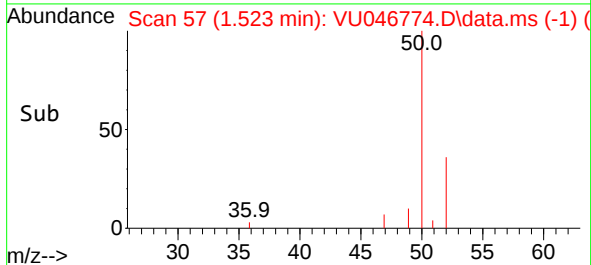
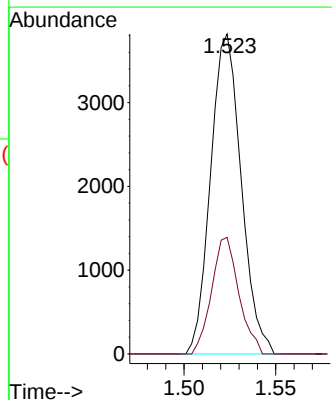
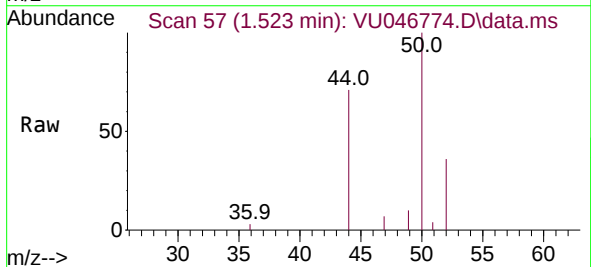
Instrument :
 MSVOA_U
 ClientSampleId :

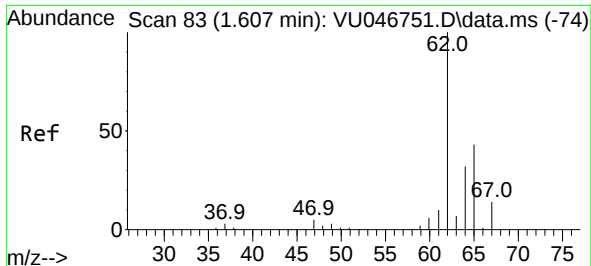
Tgt Ion: 85 Resp: 5046
 Ion Ratio Lower Upper
 85 100
 87 28.7 25.8 38.6



#3
 Chloromethane
 Concen: 0.289 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. 0.000 min
 Lab File: VU046774.D
 Acq: 18 Jan 2022 10:49

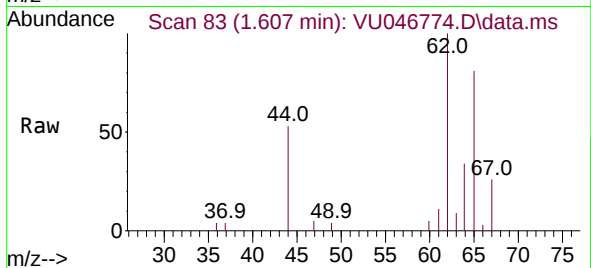
Tgt Ion: 50 Resp: 4427
 Ion Ratio Lower Upper
 50 100
 52 36.4 23.0 42.8



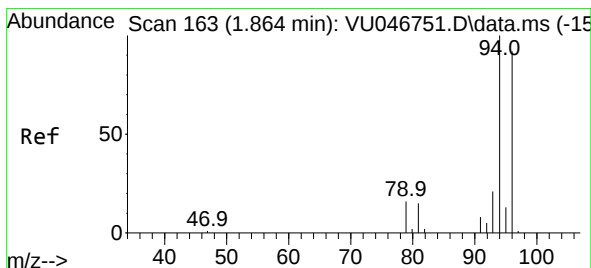
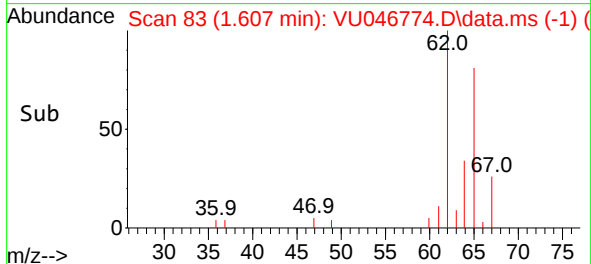
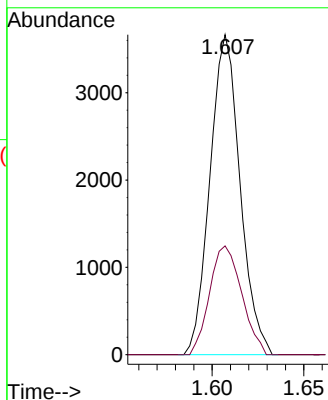


#5
 Vinyl chloride
 Concen: 0.275 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU046774.D
 Acq: 18 Jan 2022 10:49

Instrument :
 MSVOA_U
 ClientSampleId :

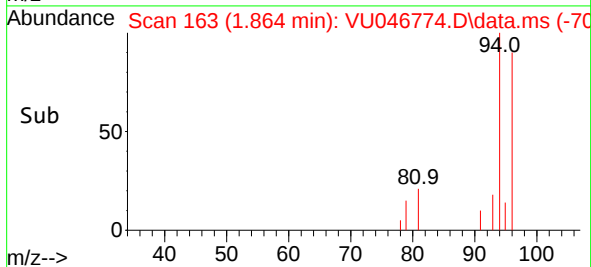
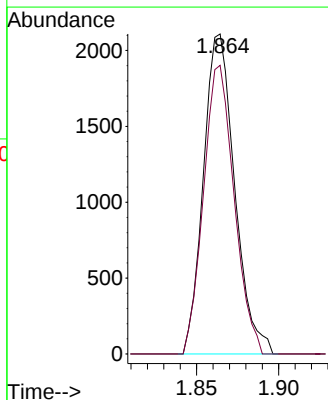
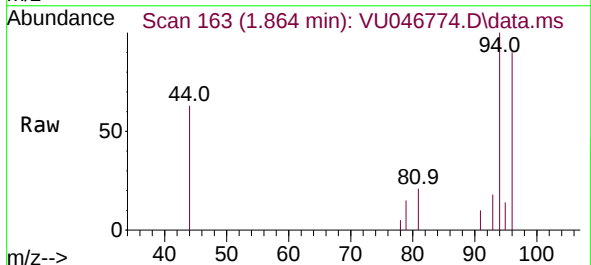


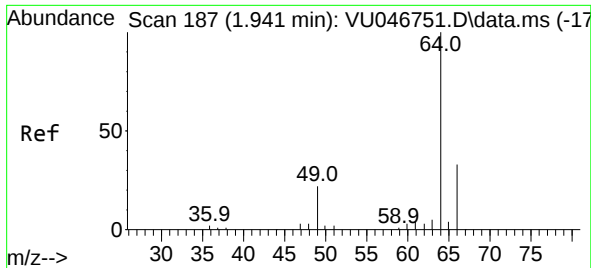
Tgt Ion: 62 Resp: 4183
 Ion Ratio Lower Upper
 62 100
 64 34.0 22.9 42.5



#6
 Bromomethane
 Concen: 0.302 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU046774.D
 Acq: 18 Jan 2022 10:49

Tgt Ion: 94 Resp: 2794
 Ion Ratio Lower Upper
 94 100
 96 90.2 65.5 121.6

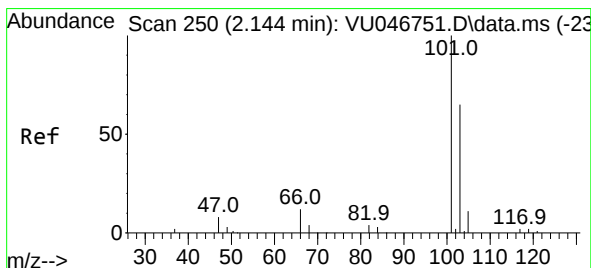
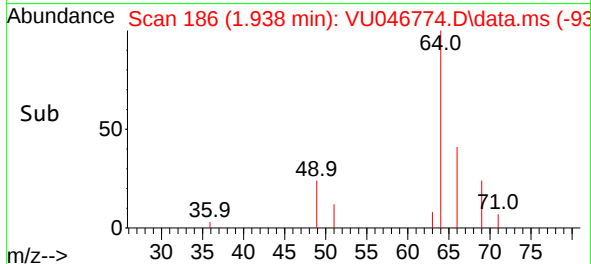
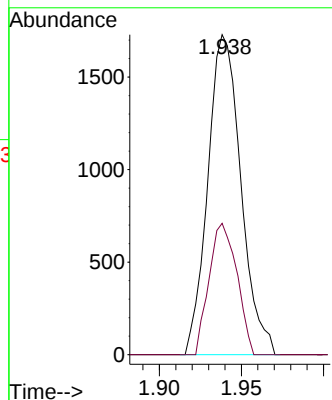
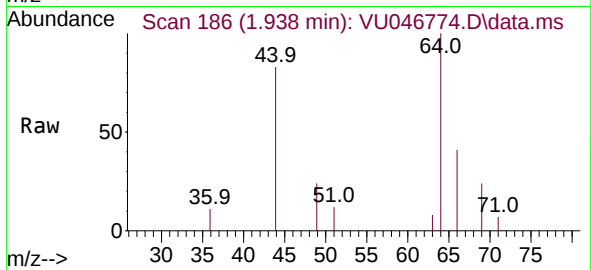




#8
Chloroethane
Concen: 0.273 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046774.D
Acq: 18 Jan 2022 10:49

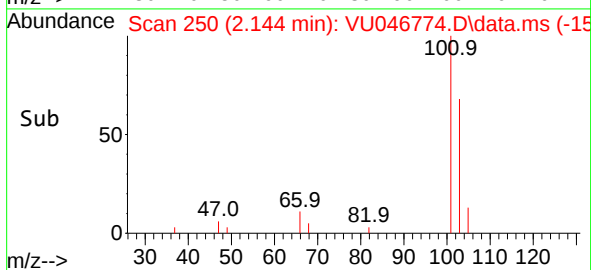
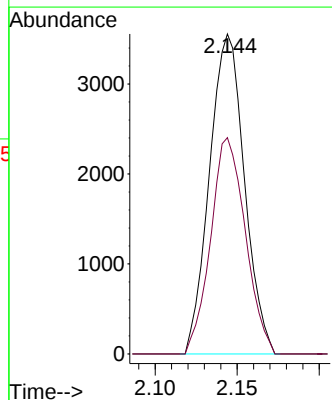
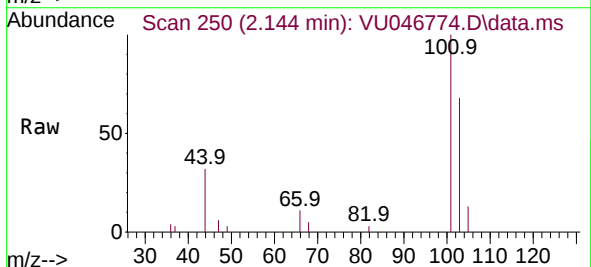
Instrument :
MSVOA_U
ClientSampleId :

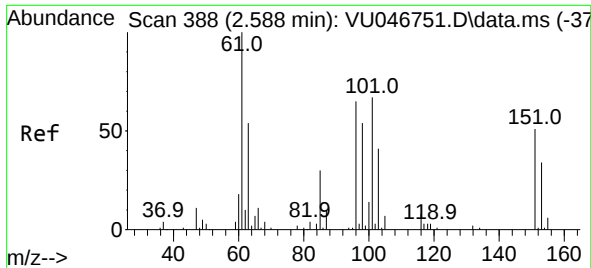
Tgt Ion: 64 Resp: 2422
Ion Ratio Lower Upper
64 100
66 41.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 0.266 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU046774.D
Acq: 18 Jan 2022 10:49

Tgt Ion: 101 Resp: 5258
Ion Ratio Lower Upper
101 100
103 67.1 51.5 77.3





#10

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

Concen: 0.304 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.004 min

Lab File: VU046774.D

Acq: 18 Jan 2022 10:49

Instrument :

MSVOA_U

ClientSampleId :

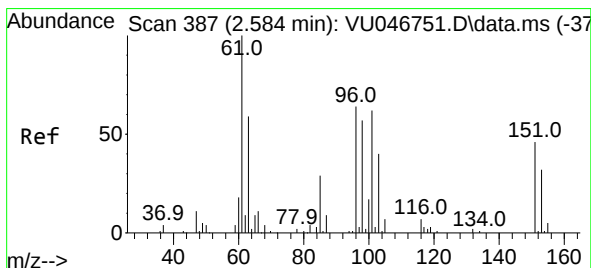
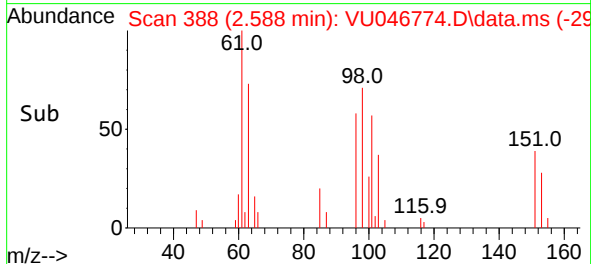
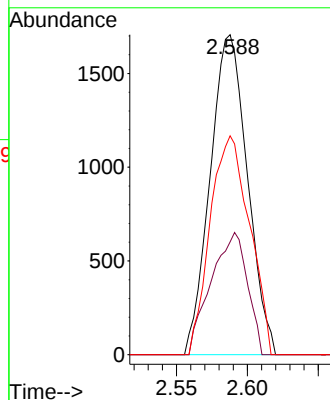
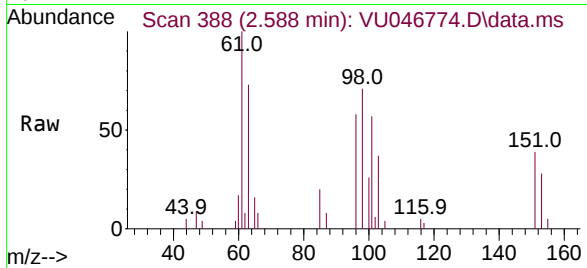
Tgt Ion:101 Resp: 3124

Ion Ratio Lower Upper

101 100

85 37.3 34.6 51.8

151 72.3 56.1 84.1



#12

1,1-Dichloroethene

Concen: 0.272 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.003 min

Lab File: VU046774.D

Acq: 18 Jan 2022 10:49

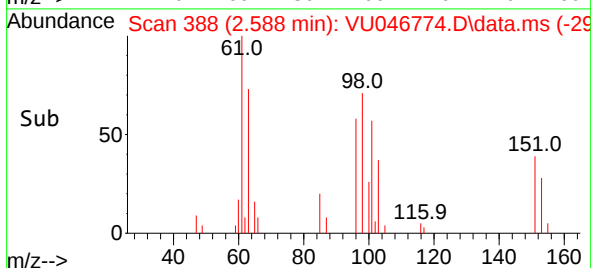
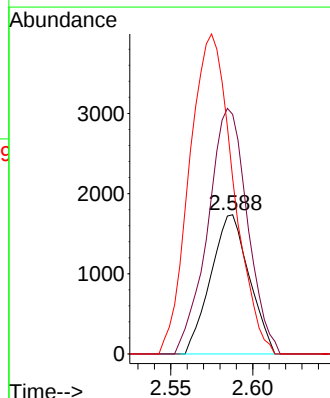
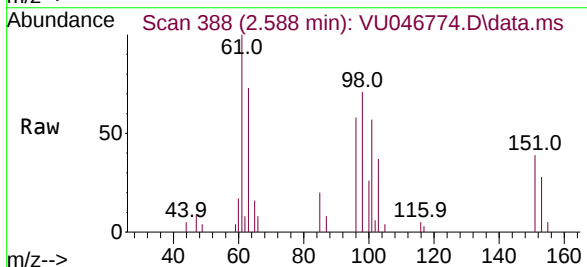
Tgt Ion: 96 Resp: 2827

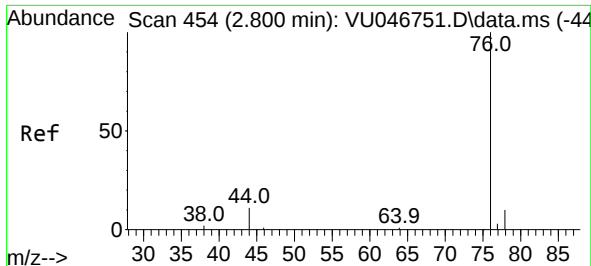
Ion Ratio Lower Upper

96 100

61 172.1 124.7 231.5

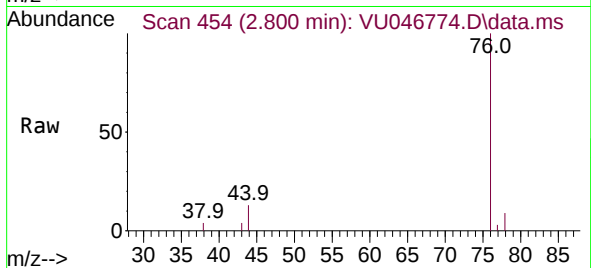
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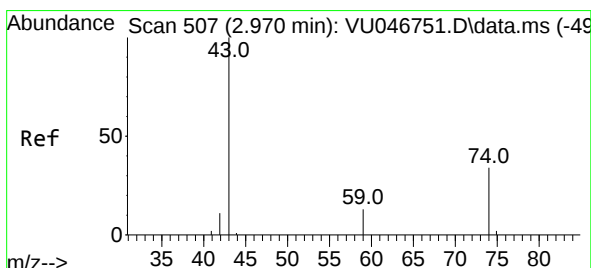
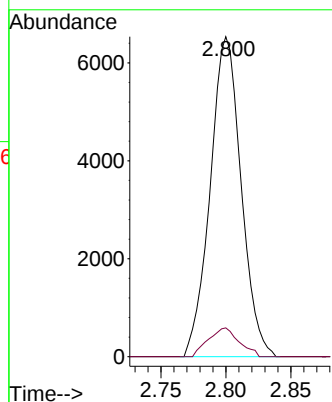
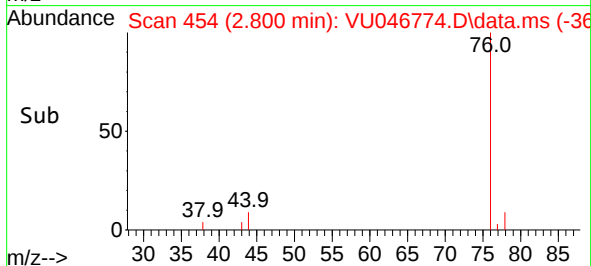


#14
Carbon disulfide
Concen: 0.320 ug/L
RT: 2.800 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU046774.D
Acq: 18 Jan 2022 10:49

Instrument :
MSVOA_U
ClientSampleId :

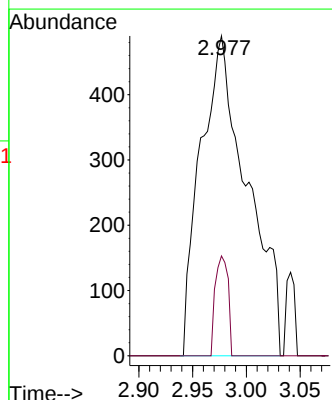
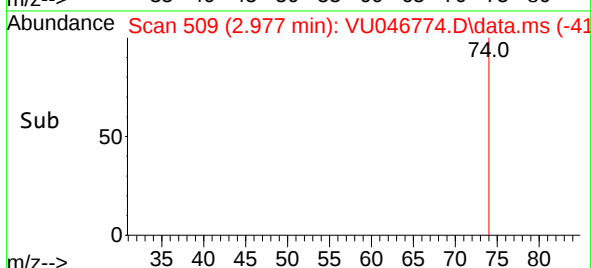
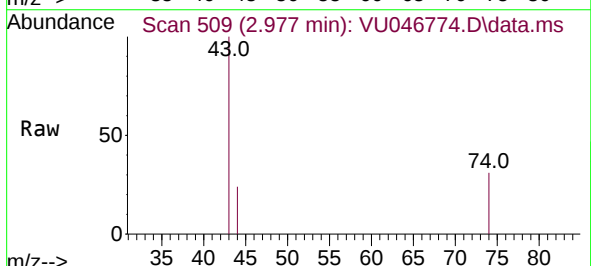


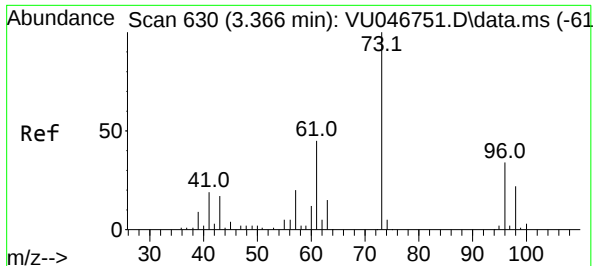
Tgt Ion: 76 Resp: 10822
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#15
Methyl Acetate
Concen: 0.295 ug/L
RT: 2.977 min Scan# 509
Delta R.T. 0.007 min
Lab File: VU046774.D
Acq: 18 Jan 2022 10:49

Tgt Ion: 43 Resp: 1477
Ion Ratio Lower Upper
43 100
74 8.5 19.1 28.7#





#17

Methyl tert-butyl Ether

Concen: 0.263 ug/L

RT: 3.363 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU046774.D

Acq: 18 Jan 2022 10:49

Instrument :

MSVOA_U

ClientSampleId :

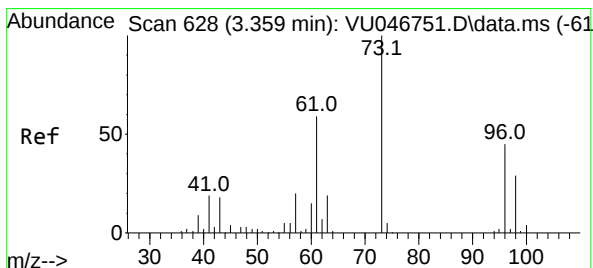
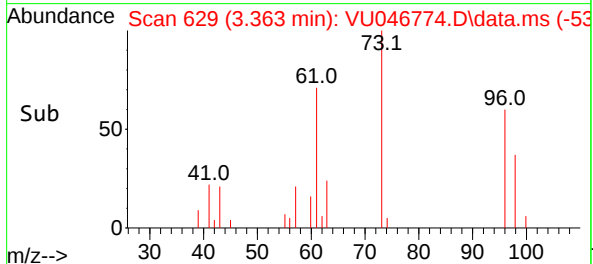
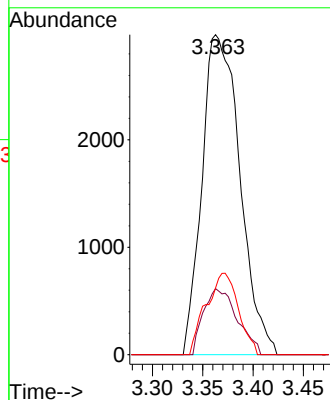
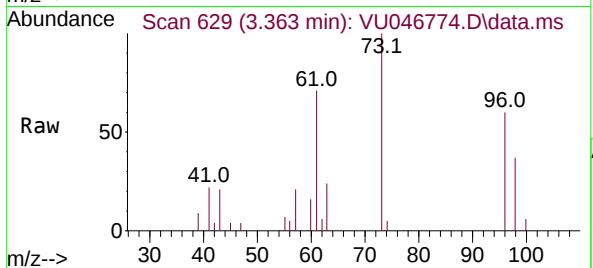
Tgt Ion: 73 Resp: 7814

Ion Ratio Lower Upper

73 100

43 18.4 14.8 22.2

57 21.7 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 0.297 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.003 min

Lab File: VU046774.D

Acq: 18 Jan 2022 10:49

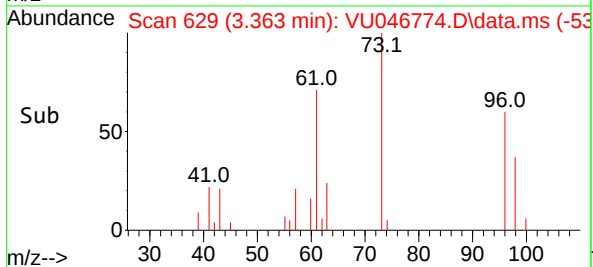
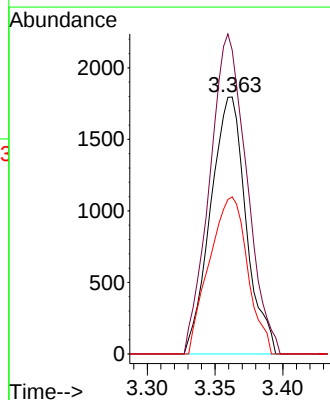
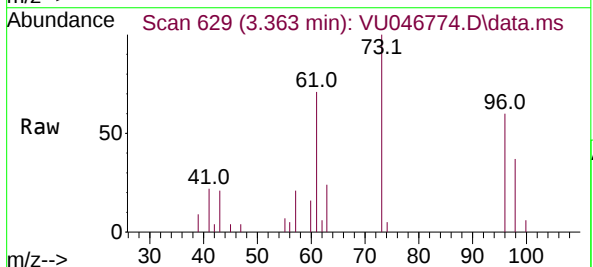
Tgt Ion: 96 Resp: 3271

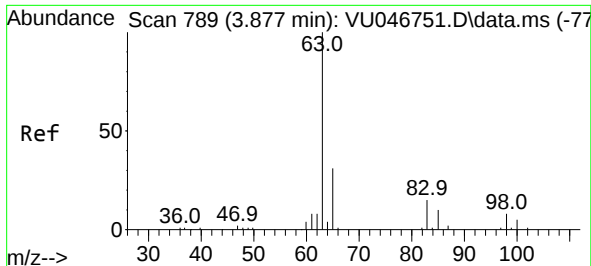
Ion Ratio Lower Upper

96 100

61 118.3 100.8 187.2

98 61.2 45.1 83.7





#19

1,1-Dichloroethane

Concen: 0.252 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU046774.D

Acq: 18 Jan 2022 10:49

Instrument :

MSVOA_U

ClientSampleId :

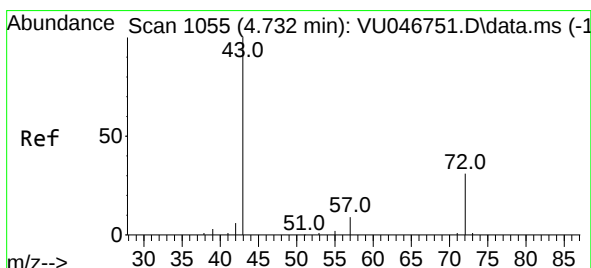
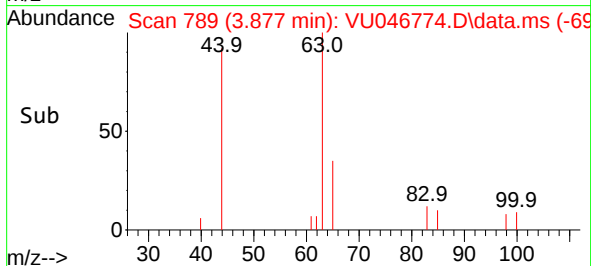
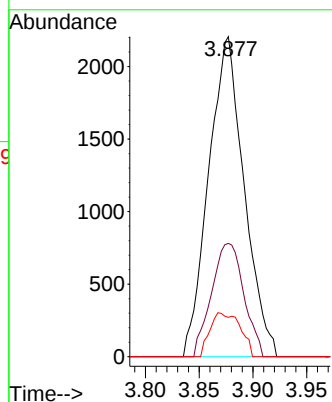
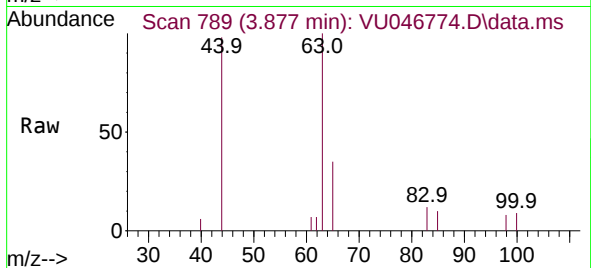
Tgt Ion: 63 Resp: 5058

Ion Ratio Lower Upper

63 100

65 35.4 22.3 41.5

83 12.3 9.6 17.8



#21

2-Butanone

Concen: 2.363 ug/L

RT: 4.745 min Scan# 1059

Delta R.T. 0.013 min

Lab File: VU046774.D

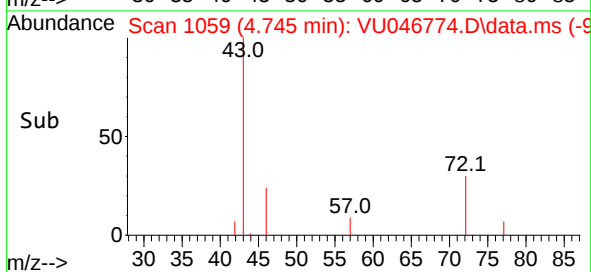
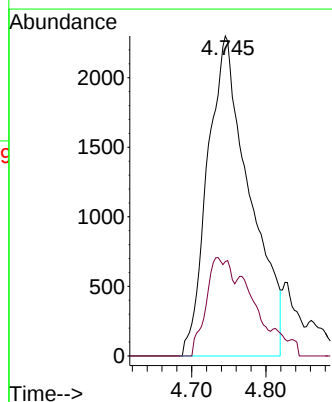
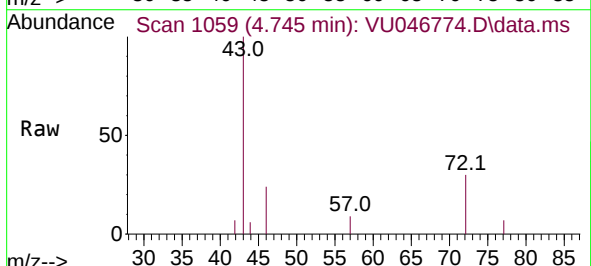
Acq: 18 Jan 2022 10:49

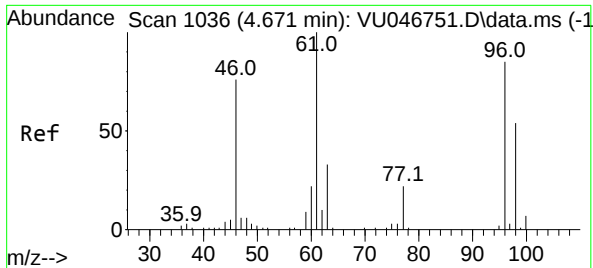
Tgt Ion: 43 Resp: 9022

Ion Ratio Lower Upper

43 100

72 12.5 14.1 42.3#





#22

cis-1,2-Dichloroethene

Concen: 0.289 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU046774.D

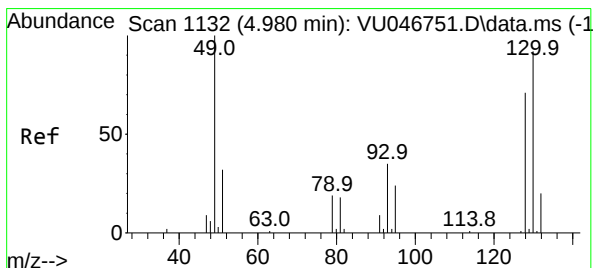
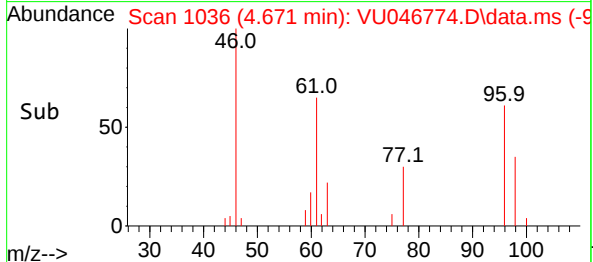
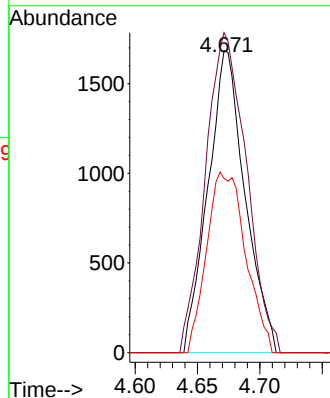
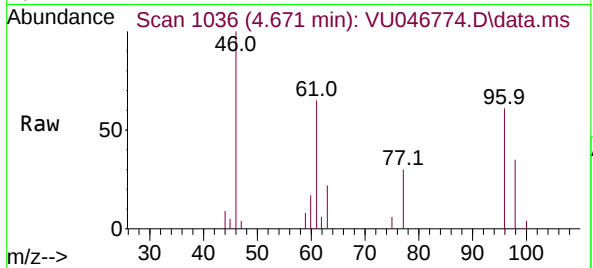
Acq: 18 Jan 2022 10:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96	Resp: 3486
Ion Ratio	Lower Upper
96 100	
61 106.0	88.5 164.3
98 57.7	44.4 82.5



#23

Bromochloromethane

Concen: 0.271 ug/L

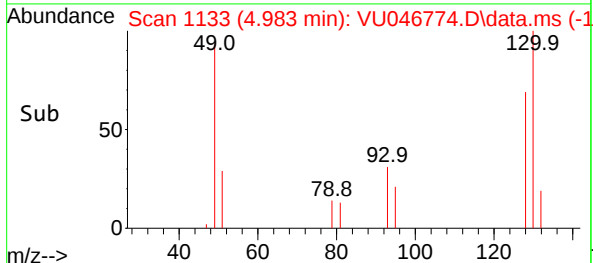
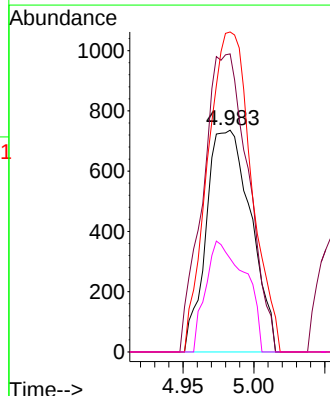
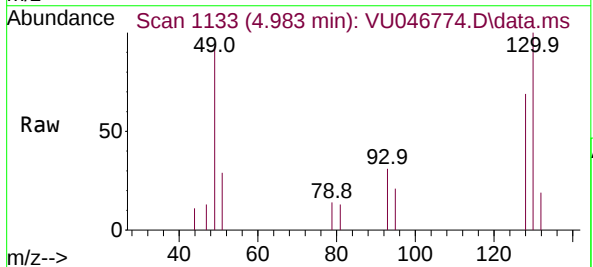
RT: 4.983 min Scan# 1133

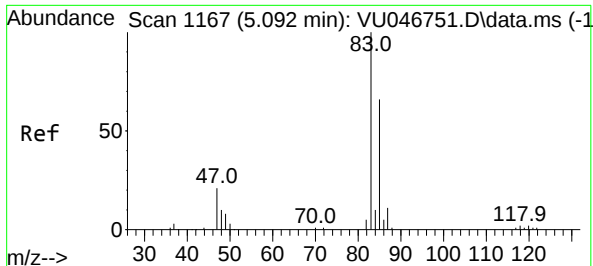
Delta R.T. 0.003 min

Lab File: VU046774.D

Acq: 18 Jan 2022 10:49

Tgt	Ion:128	Resp:	1616
Ion	Ratio	Lower	Upper
128	100		
49	134.4	117.0	217.2
130	144.3	88.2	163.8
51	42.1	42.5	63.7#





#25

Chloroform

Concen: 1.184 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046774.D

Acq: 18 Jan 2022 10:49

Instrument :

MSVOA_U

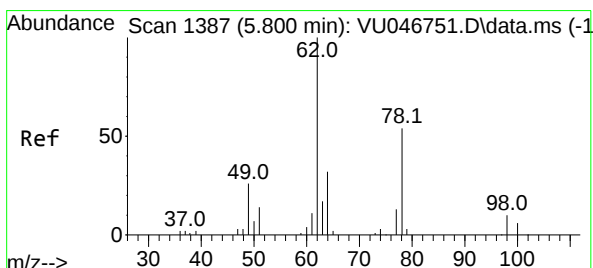
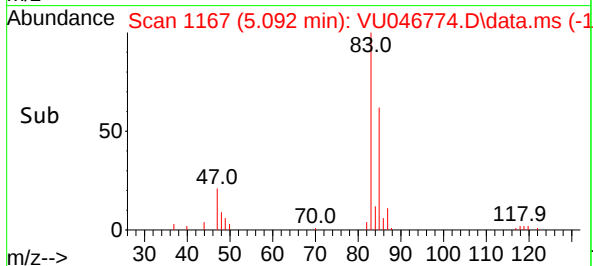
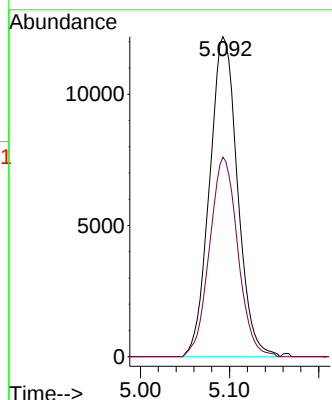
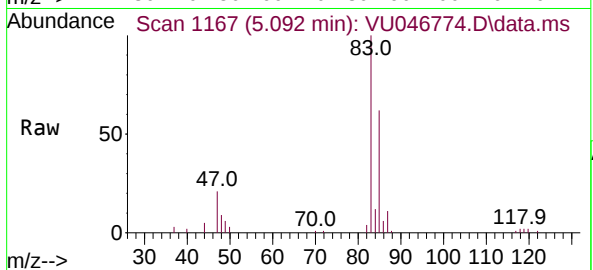
ClientSampleId :

Tgt Ion: 83 Resp: 26649

Ion Ratio Lower Upper

83 100

85 62.4 46.9 87.1



#27

1,2-Dichloroethane

Concen: 0.232 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU046774.D

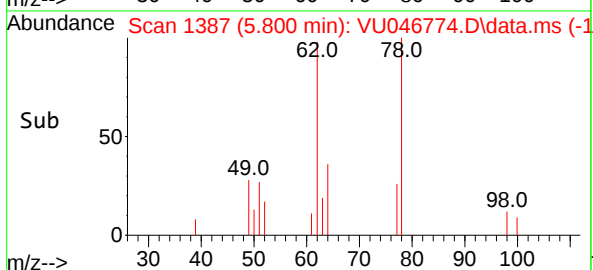
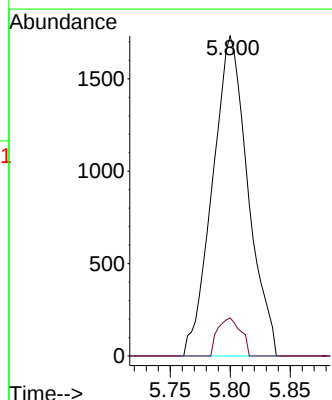
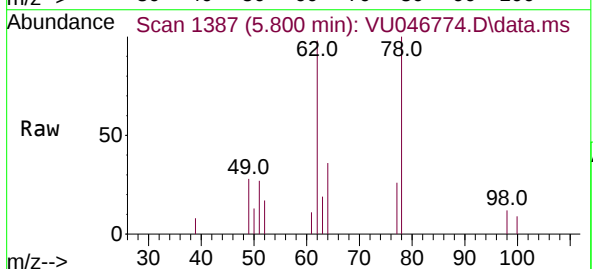
Acq: 18 Jan 2022 10:49

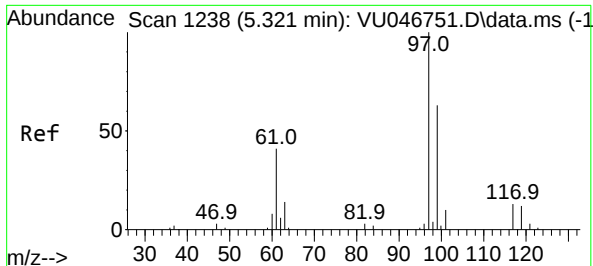
Tgt Ion: 62 Resp: 3554

Ion Ratio Lower Upper

62 100

98 11.9 7.8 11.8#





#29

1,1,1-Trichloroethane

Concen: 0.256 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.003 min

Lab File: VU046774.D

Acq: 18 Jan 2022 10:49

Instrument :

MSVOA_U

ClientSampleId :

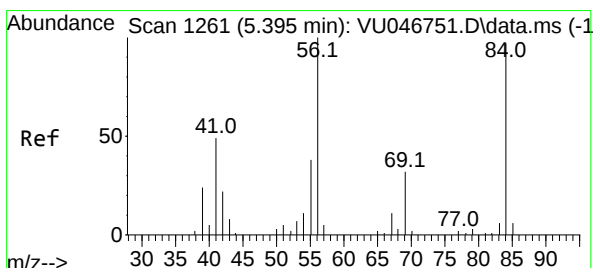
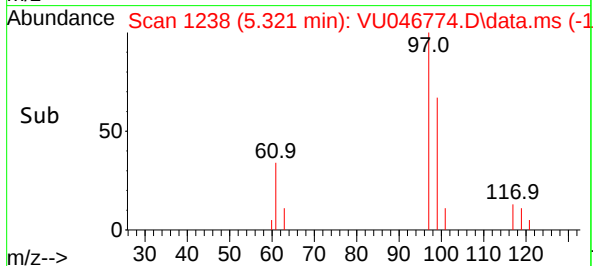
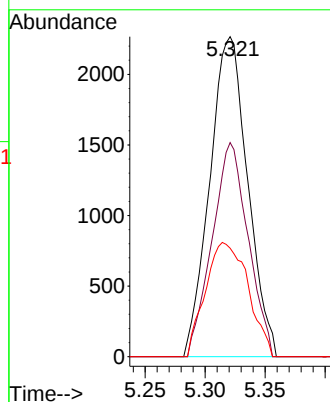
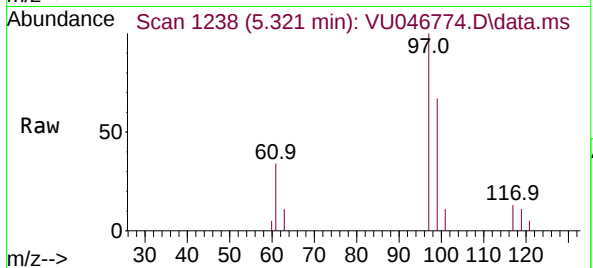
Tgt Ion: 97 Resp: 4985

Ion Ratio Lower Upper

97 100

99 63.4 51.3 76.9

61 40.2 36.1 54.1



#30

Cyclohexane

Concen: 0.278 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.003 min

Lab File: VU046774.D

Acq: 18 Jan 2022 10:49

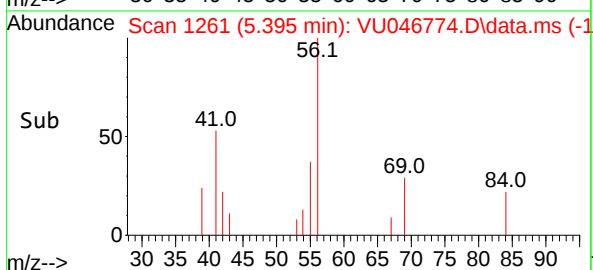
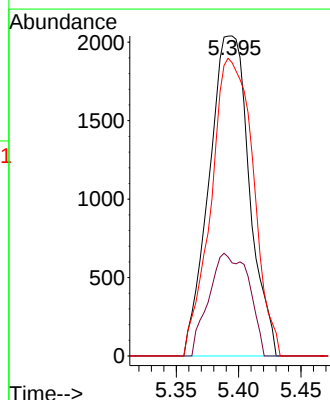
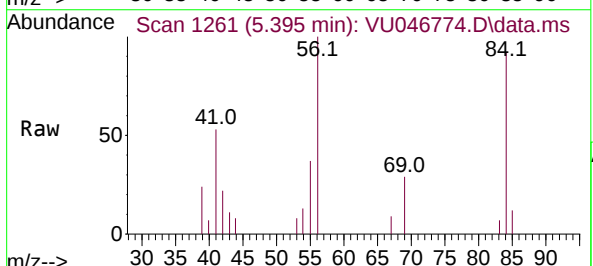
Tgt Ion: 56 Resp: 4591

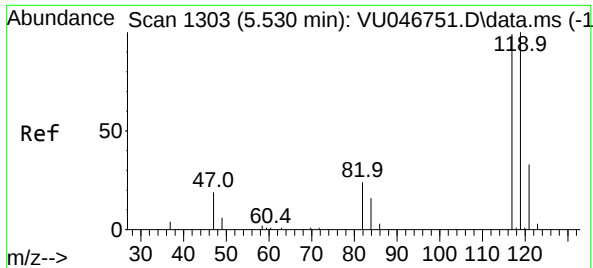
Ion Ratio Lower Upper

56 100

69 31.9 24.7 37.1

84 97.2 71.8 107.6

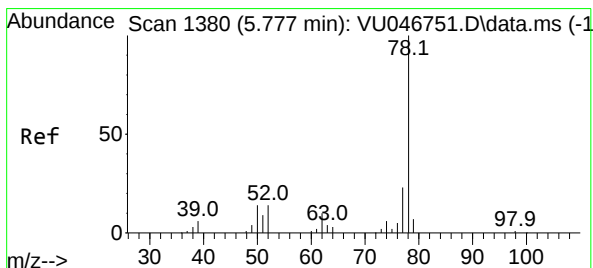
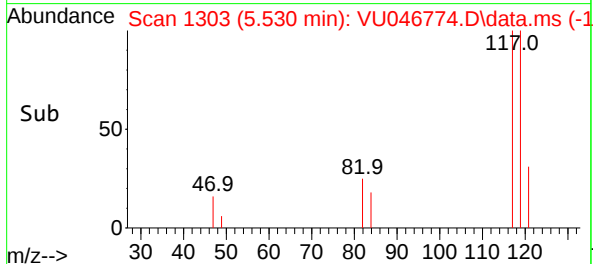
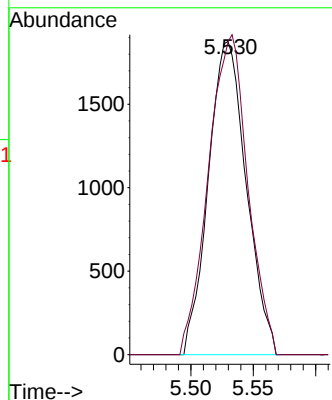
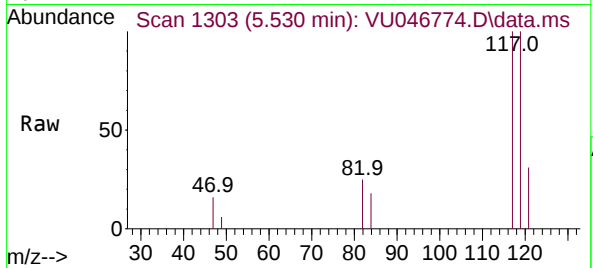




#31
Carbon tetrachloride
Concen: 0.243 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU046774.D
Acq: 18 Jan 2022 10:49

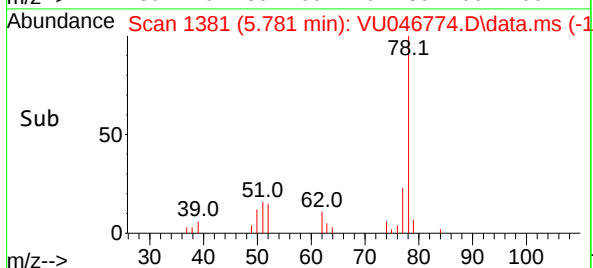
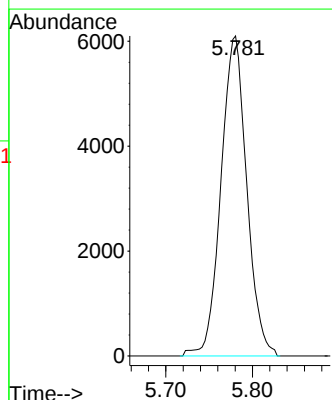
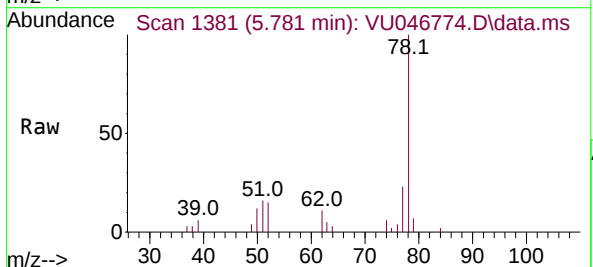
Instrument :
MSVOA_U
ClientSampleId :

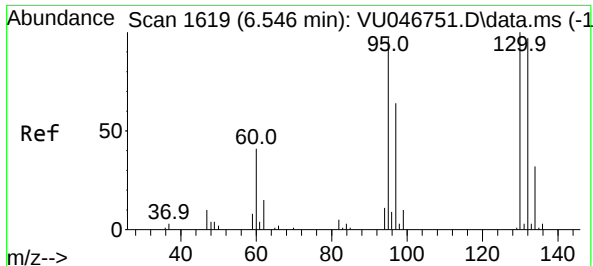
Tgt Ion:117 Resp: 3974
Ion Ratio Lower Upper
117 100
119 106.2 77.5 116.3



#33
Benzene
Concen: 0.268 ug/L
RT: 5.781 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU046774.D
Acq: 18 Jan 2022 10:49

Tgt Ion: 78 Resp: 12632



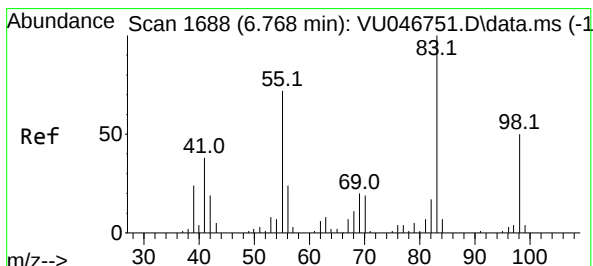
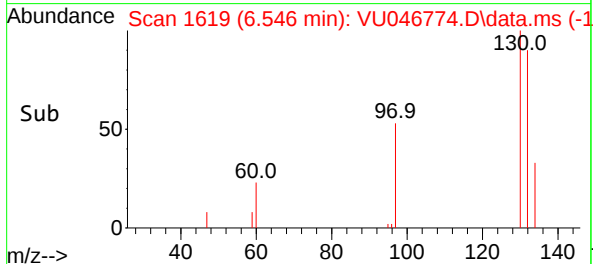
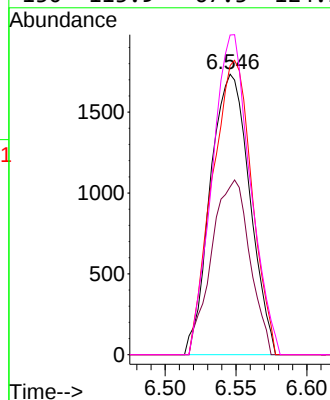
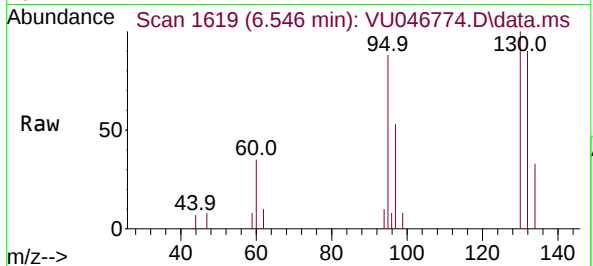


#34
Trichloroethene
Concen: 0.269 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046774.D
Acq: 18 Jan 2022 10:49

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 3351

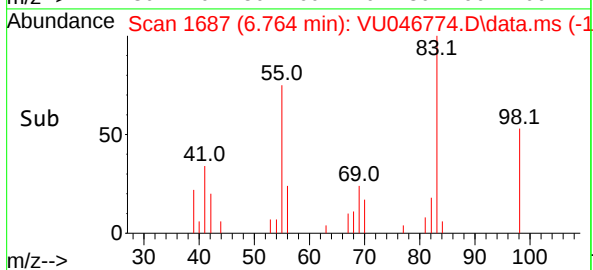
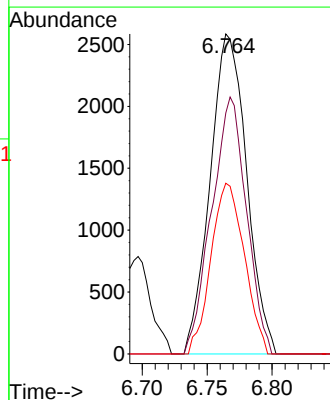
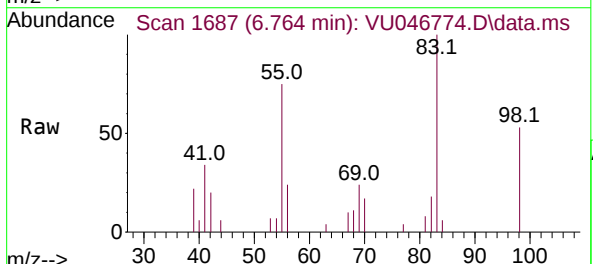
Ion	Ratio	Lower	Upper
95	100		
97	59.8	46.5	86.5
132	103.1	65.1	120.9
130	113.9	67.3	124.9

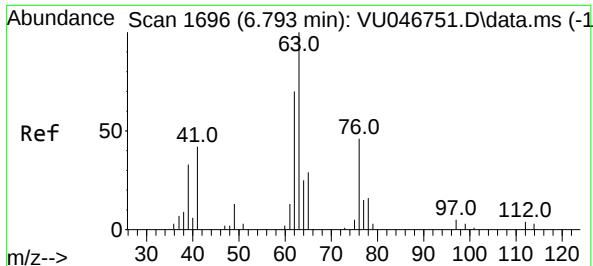


#35
Methylcyclohexane
Concen: 0.281 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU046774.D
Acq: 18 Jan 2022 10:49

Tgt Ion: 83 Resp: 5051

Ion	Ratio	Lower	Upper
83	100		
55	76.6	61.9	92.9
98	48.7	39.0	58.6





#37

1,2-Dichloropropane

Concen: 0.269 ug/L

RT: 6.797 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU046774.D

Acq: 18 Jan 2022 10:49

Instrument :

MSVOA_U

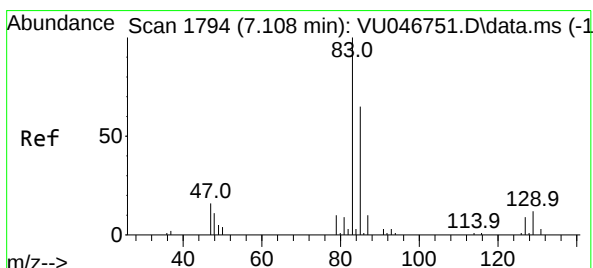
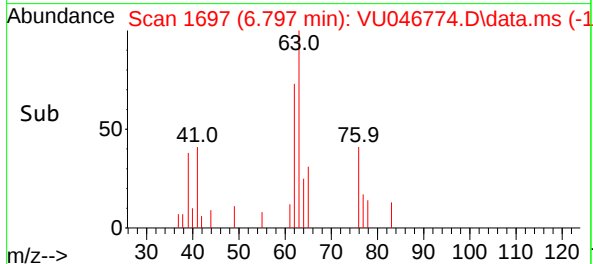
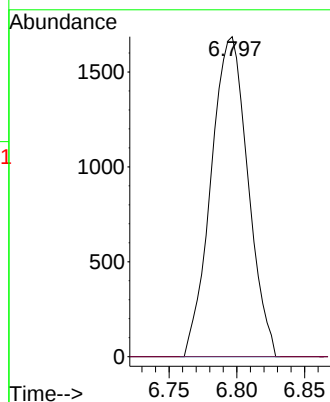
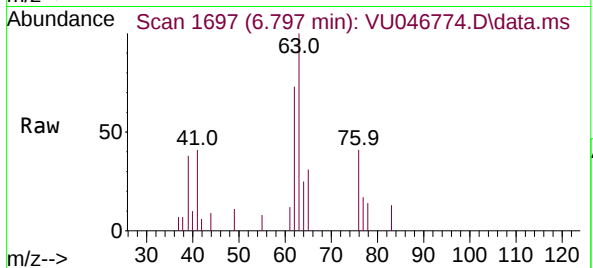
ClientSampleId :

Tgt Ion: 63 Resp: 3197

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#38

Bromodichloromethane

Concen: 0.360 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU046774.D

Acq: 18 Jan 2022 10:49

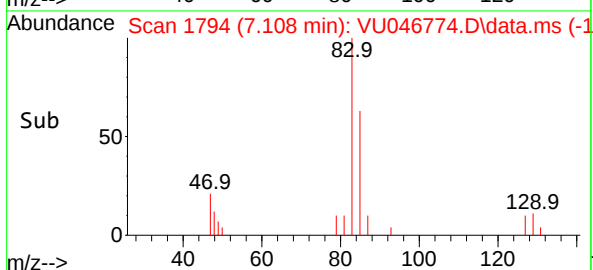
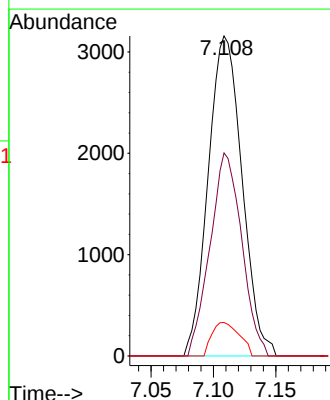
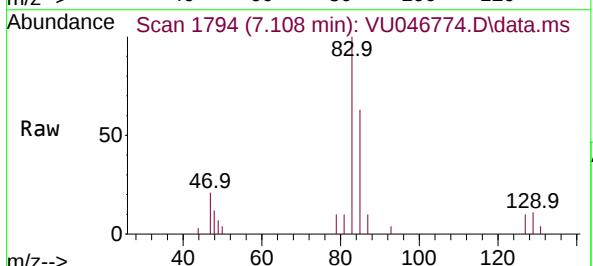
Tgt Ion: 83 Resp: 5963

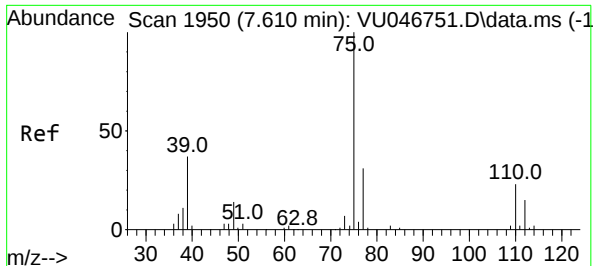
Ion Ratio Lower Upper

83 100

85 63.5 44.0 81.8

127 10.4 6.3 9.5#





#39

cis-1,3-Dichloropropene

Concen: 0.250 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU046774.D

Acq: 18 Jan 2022 10:49

Instrument :

MSVOA_U

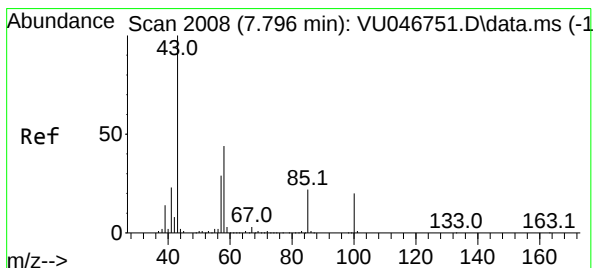
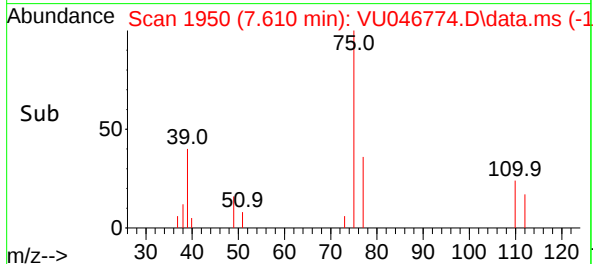
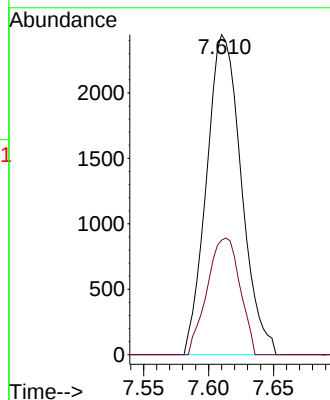
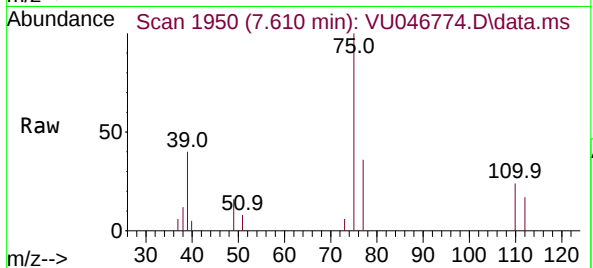
ClientSampleId :

Tgt Ion: 75 Resp: 4553

Ion Ratio Lower Upper

75 100

77 35.8 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 2.372 ug/L

RT: 7.797 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU046774.D

Acq: 18 Jan 2022 10:49

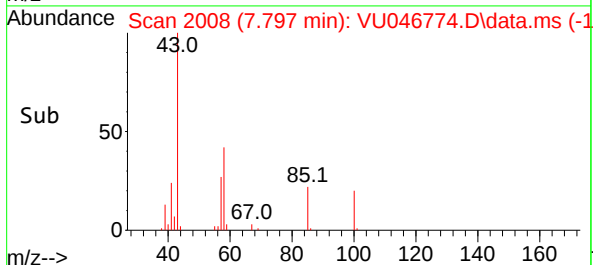
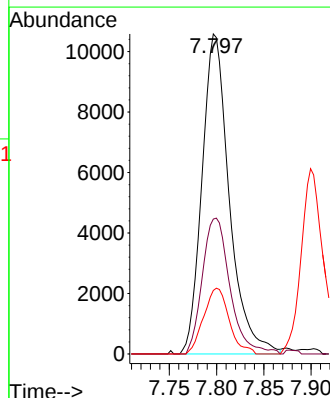
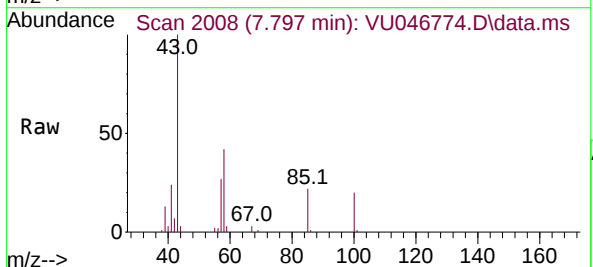
Tgt Ion: 43 Resp: 21267

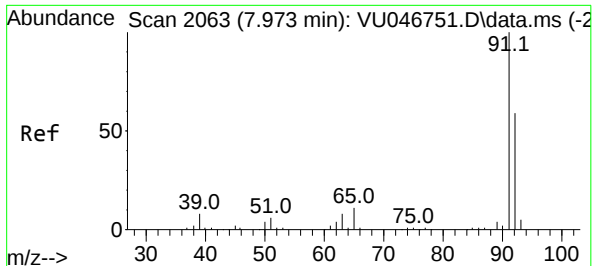
Ion Ratio Lower Upper

43 100

58 43.0 33.1 49.7

100 19.2 13.2 19.8





#42

Toluene

Concen: 0.287 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VU046774.D

Acq: 18 Jan 2022 10:49

Instrument :

MSVOA_U

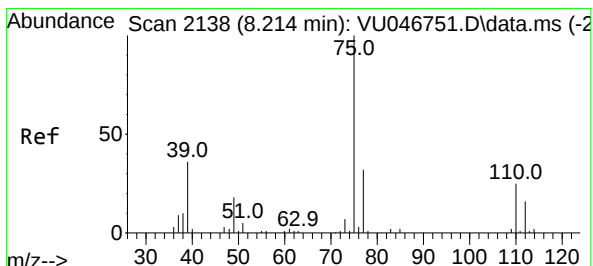
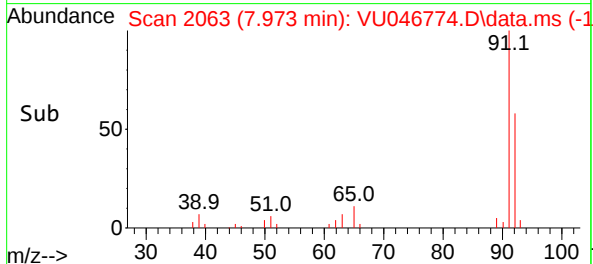
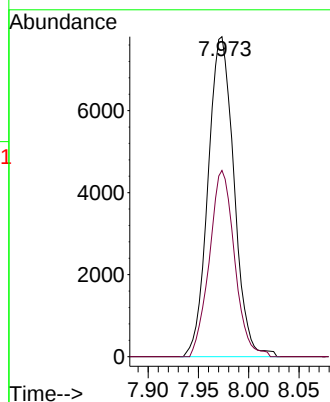
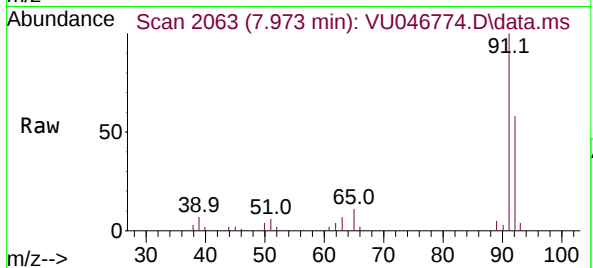
ClientSampleId :

Tgt Ion: 91 Resp: 13981

Ion Ratio Lower Upper

91 100

92 58.2 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 0.244 ug/L

RT: 8.215 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU046774.D

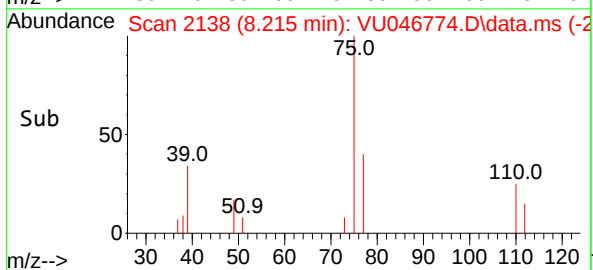
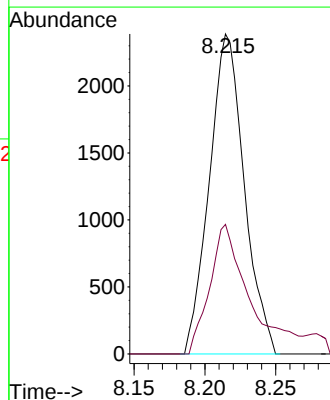
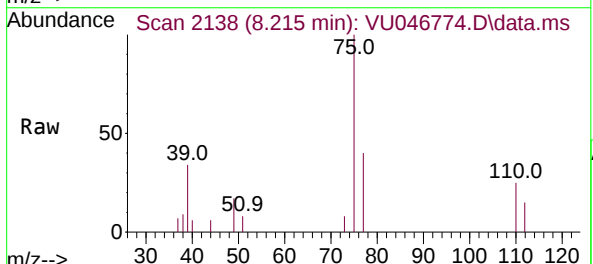
Acq: 18 Jan 2022 10:49

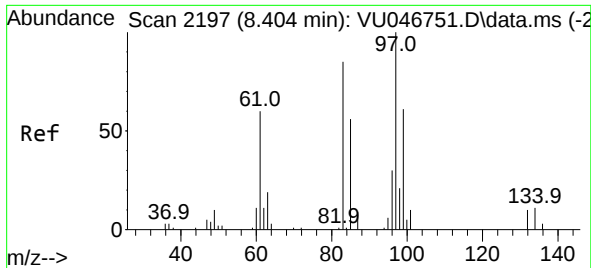
Tgt Ion: 75 Resp: 4092

Ion Ratio Lower Upper

75 100

77 40.5 22.7 42.3

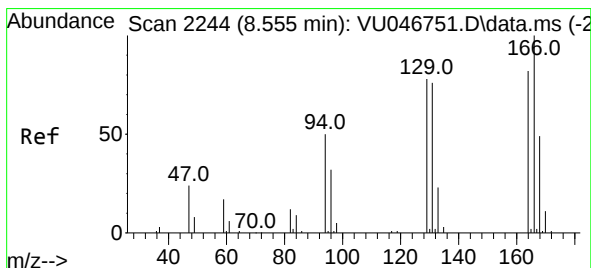
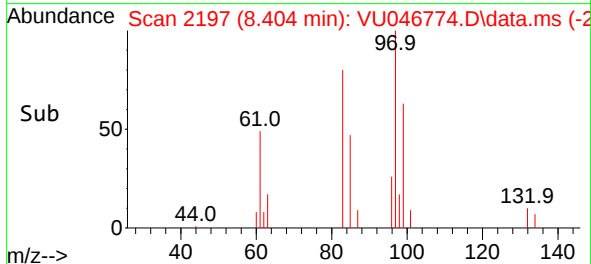
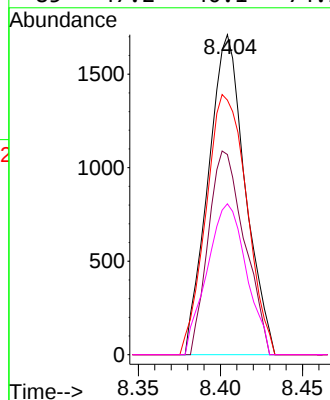
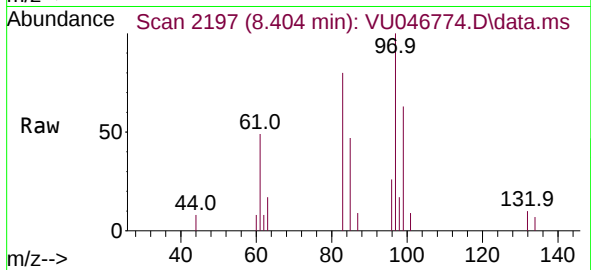




#45
1,1,2-Trichloroethane
Concen: 0.259 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU046774.D
Acq: 18 Jan 2022 10:49

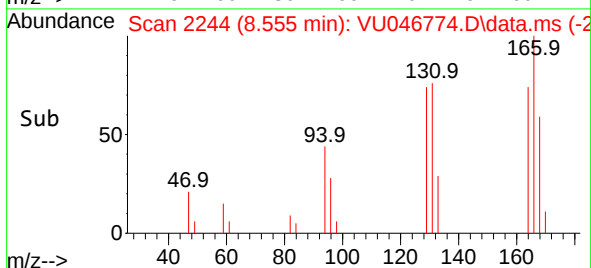
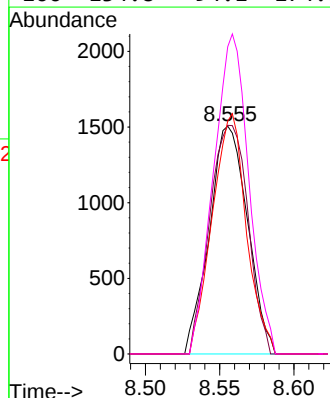
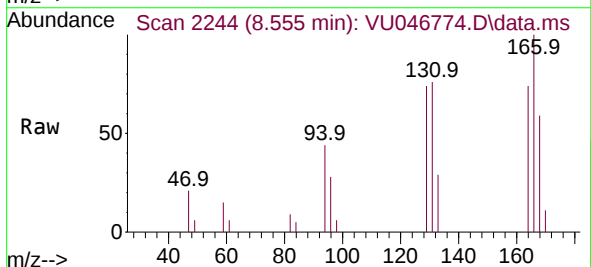
Instrument :
MSVOA_U
ClientSampleId :

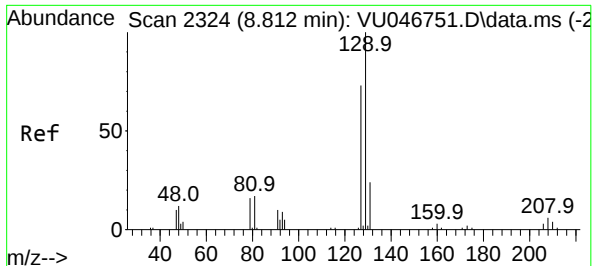
Tgt Ion: 97	Resp: 2677
Ion Ratio	Lower Upper
97 100	
99 62.5	42.3 78.5
83 79.5	62.0 115.2
85 47.2	40.1 74.5



#47
Tetrachloroethene
Concen: 0.298 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046774.D
Acq: 18 Jan 2022 10:49

Tgt Ion:164	Resp: 2700		
Ion	Ratio	Lower	Upper
164	100		
129	100.3	71.8	133.4
131	102.2	68.5	127.3
166	134.8	94.1	174.8





#49

Dibromochloromethane

Concen: 0.273 ug/L

RT: 8.813 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU046774.D

Acq: 18 Jan 2022 10:49

Instrument :

MSVOA_U

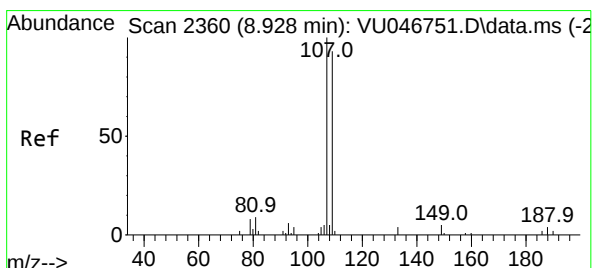
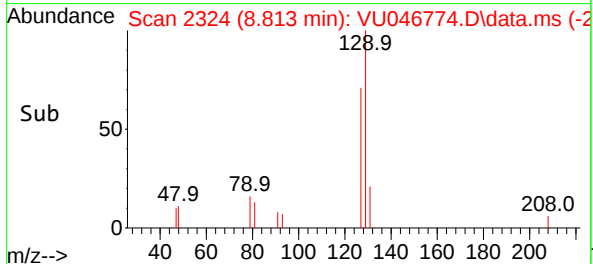
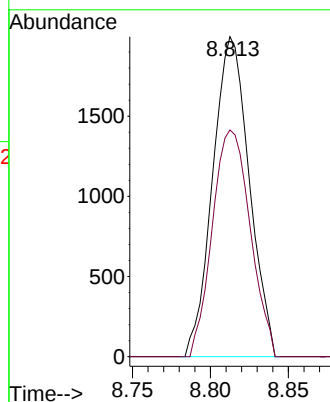
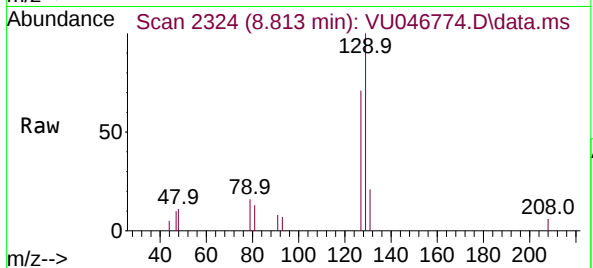
ClientSampleId :

Tgt Ion:129 Resp: 3254

Ion Ratio Lower Upper

129 100

127 70.8 55.4 102.8



#50

1,2-Dibromoethane

Concen: 0.260 ug/L

RT: 8.925 min Scan# 2359

Delta R.T. 0.000 min

Lab File: VU046774.D

Acq: 18 Jan 2022 10:49

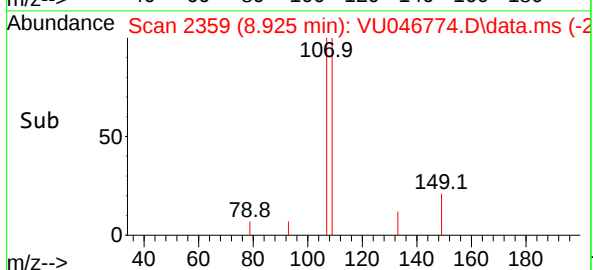
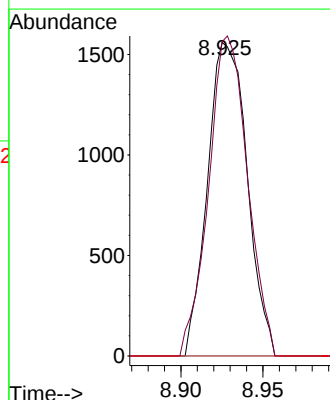
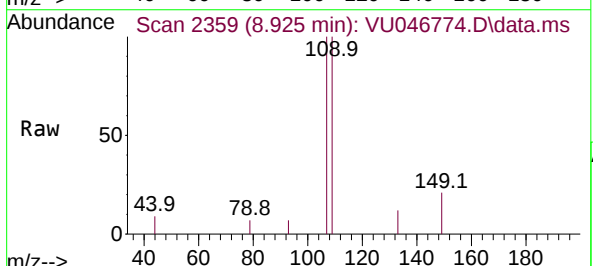
Tgt Ion:107 Resp: 2617

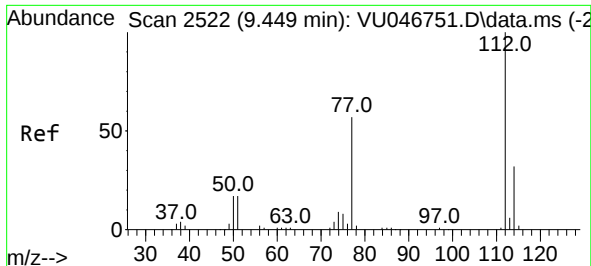
Ion Ratio Lower Upper

107 100

109 100.3 64.0 119.0

188 0.0 2.4 3.6#

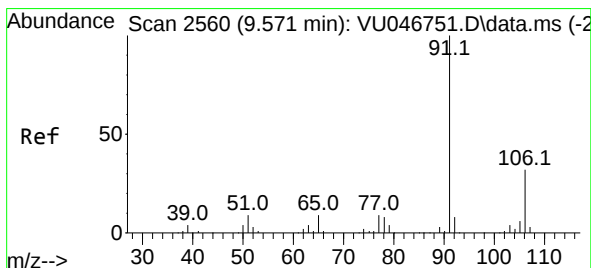
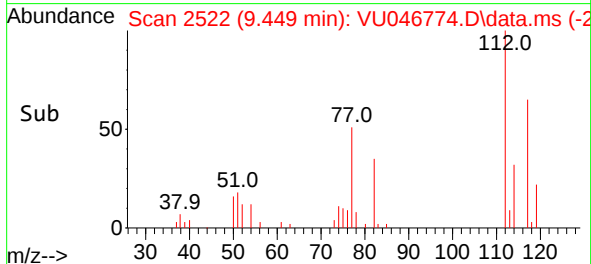
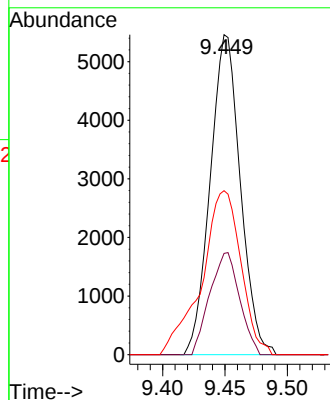
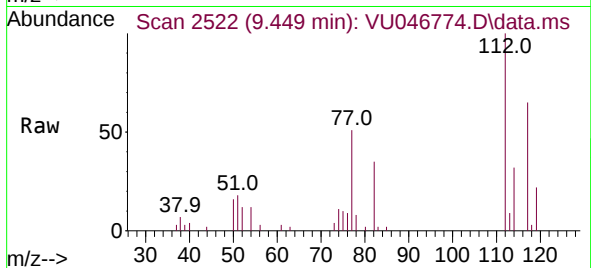




#51
Chlorobenzene
Concen: 0.292 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU046774.D
Acq: 18 Jan 2022 10:49

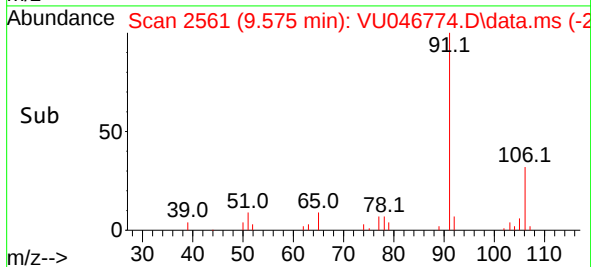
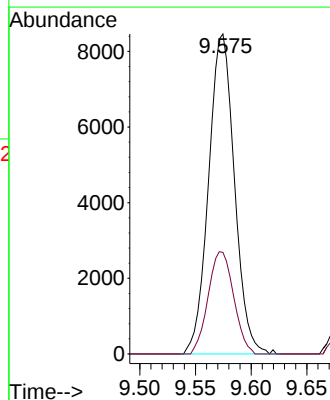
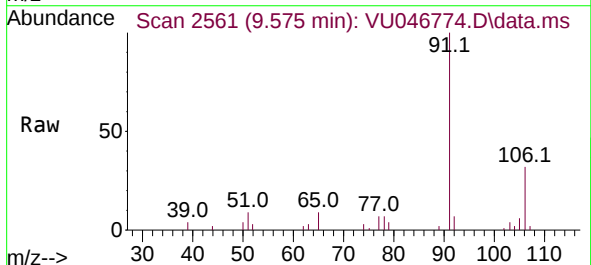
Instrument :
MSVOA_U
ClientSampleId :

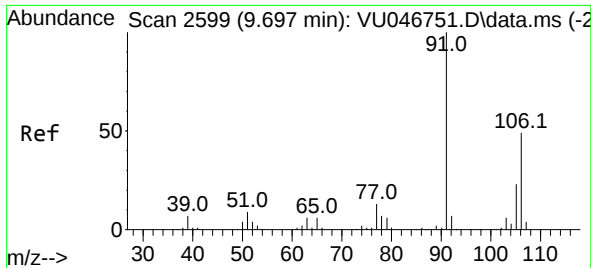
Tgt Ion:112 Resp: 9198
Ion Ratio Lower Upper
112 100
114 31.7 22.1 41.1
77 51.3 48.3 72.5



#52
Ethylbenzene
Concen: 0.268 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.003 min
Lab File: VU046774.D
Acq: 18 Jan 2022 10:49

Tgt Ion: 91 Resp: 13663
Ion Ratio Lower Upper
91 100
106 31.7 21.5 39.9

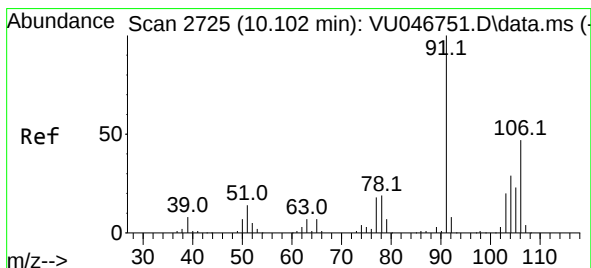
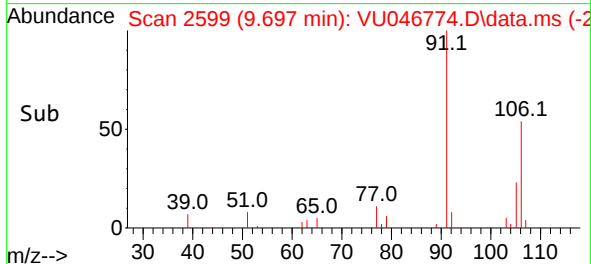
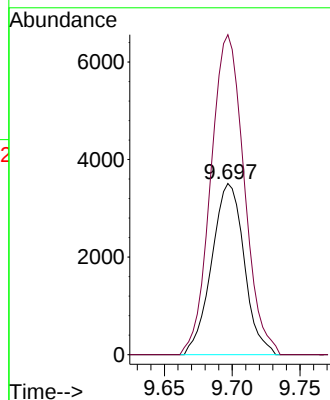
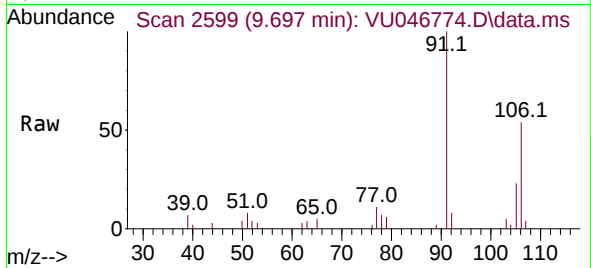




#53
m,p-Xylene
Concen: 0.298 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU046774.D
Acq: 18 Jan 2022 10:49

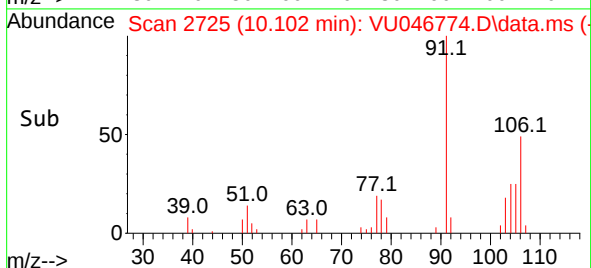
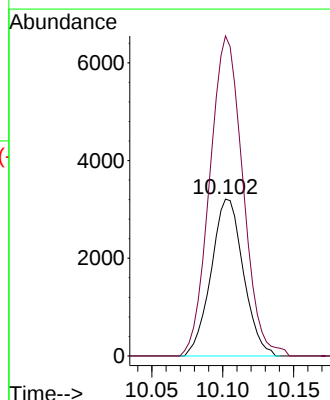
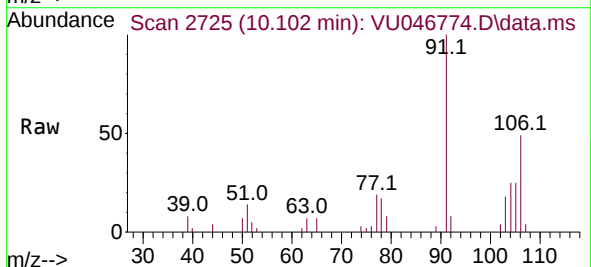
Instrument :
MSVOA_U
ClientSampleId :

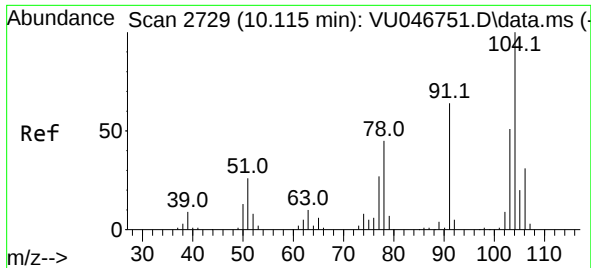
Tgt Ion:106 Resp: 5853
Ion Ratio Lower Upper
106 100
91 186.8 139.4 259.0



#54
o-Xylene
Concen: 0.272 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU046774.D
Acq: 18 Jan 2022 10:49

Tgt Ion:106 Resp: 5085
Ion Ratio Lower Upper
106 100
91 204.0 147.5 273.9

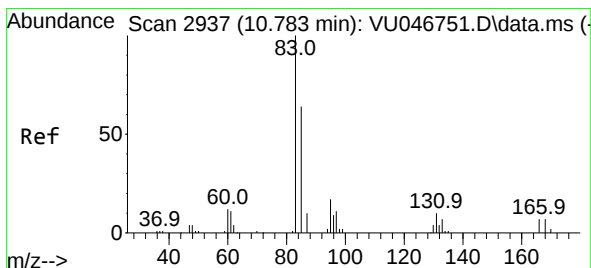
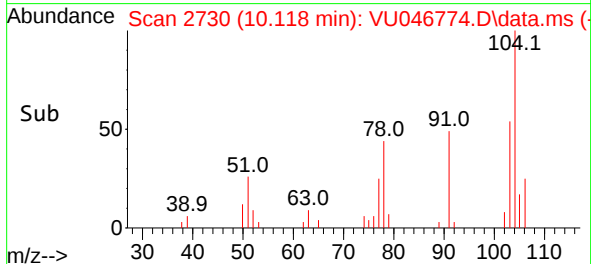
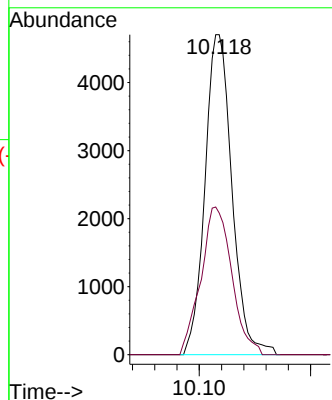
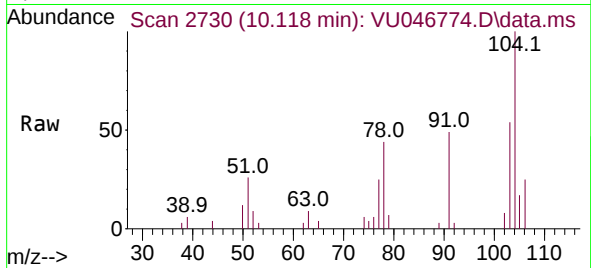




#55
Styrene
Concen: 0.246 ug/L
RT: 10.118 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046774.D
Acq: 18 Jan 2022 10:49

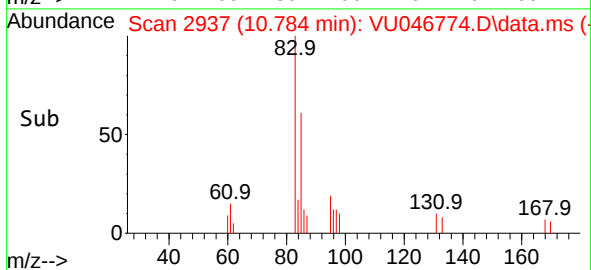
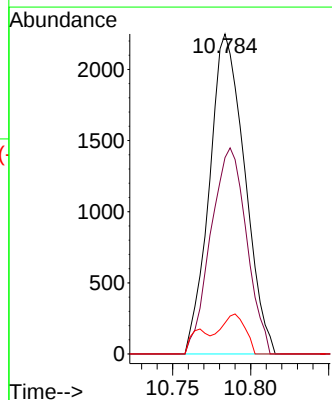
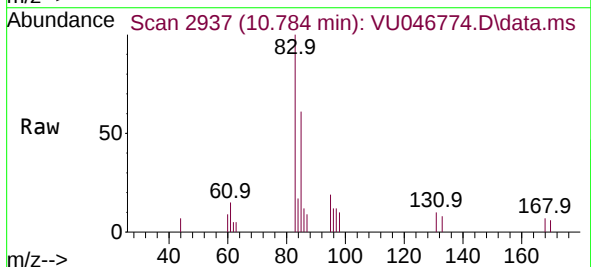
Instrument :
MSVOA_U
ClientSampleId :

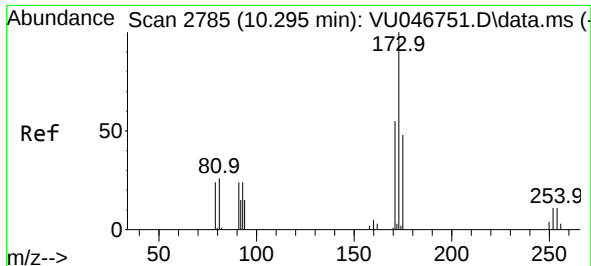
Tgt Ion:104 Resp: 7926
Ion Ratio Lower Upper
104 100
78 44.2 33.0 61.4



#57
1,1,2,2-Tetrachloroethane
Concen: 0.259 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU046774.D
Acq: 18 Jan 2022 10:49

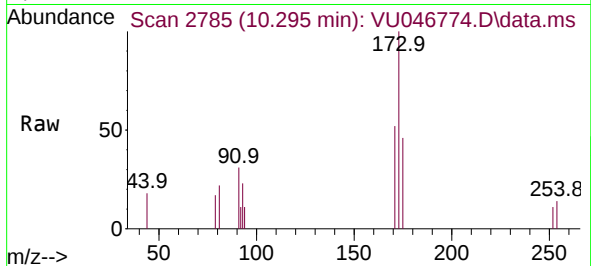
Tgt Ion: 83 Resp: 3535
Ion Ratio Lower Upper
83 100
85 61.4 47.9 89.1
131 9.7 8.1 12.1



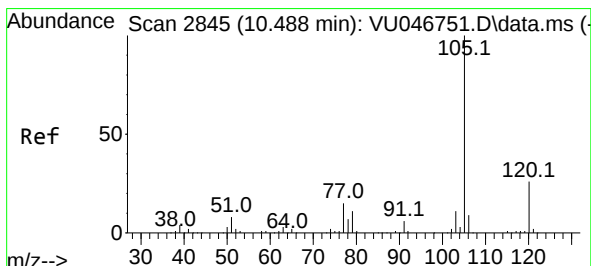
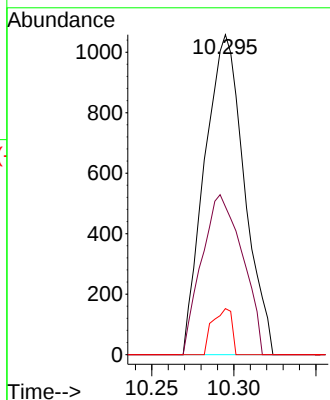
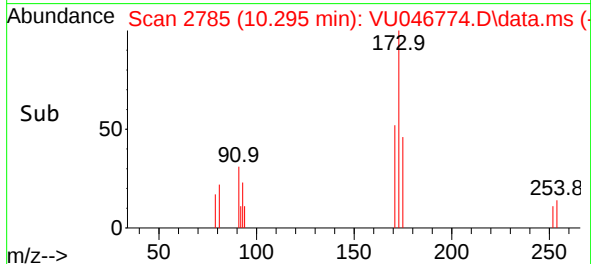


#59
Bromoform
Concen: 0.236 ug/L
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046774.D
Acq: 18 Jan 2022 10:49

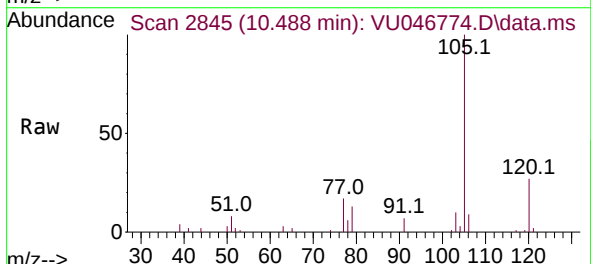
Instrument :
MSVOA_U
ClientSampleId :



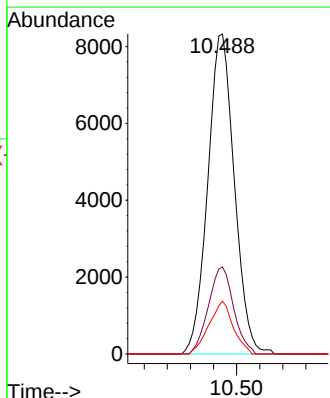
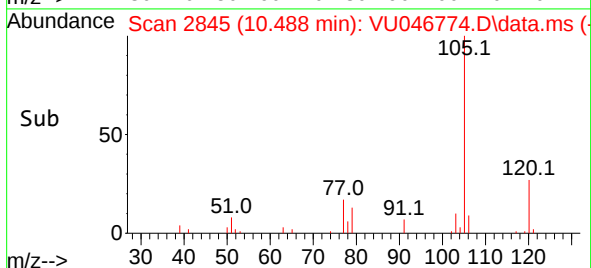
Tgt Ion:173 Resp: 1774
Ion Ratio Lower Upper
173 100
175 51.4 37.8 56.6
254 7.0 7.3 10.9#

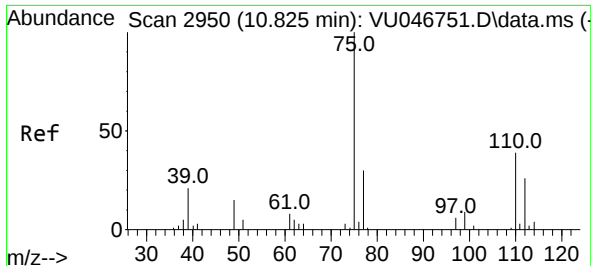


#60
Isopropylbenzene
Concen: 0.261 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU046774.D
Acq: 18 Jan 2022 10:49



Tgt Ion:105 Resp: 13289
Ion Ratio Lower Upper
105 100
120 25.8 20.7 31.1
77 15.0 12.6 19.0

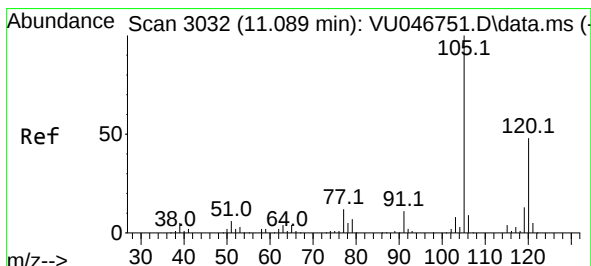
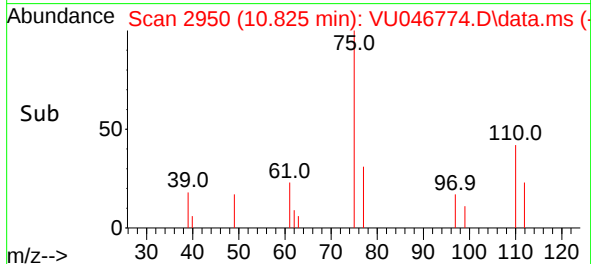
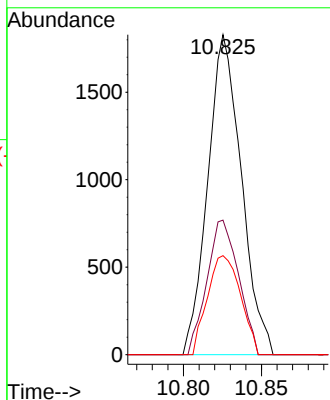
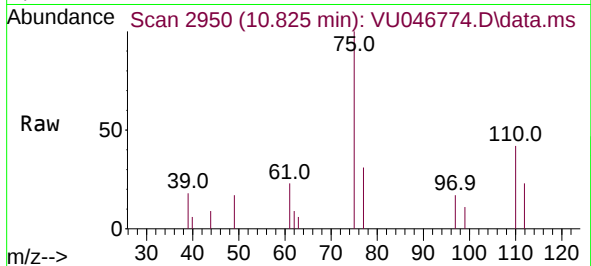




#61
1,2,3-Trichloropropane
Concen: 0.254 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU046774.D
Acq: 18 Jan 2022 10:49

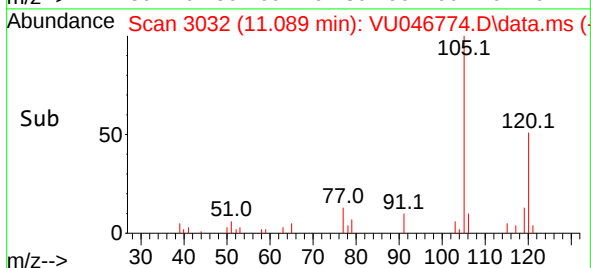
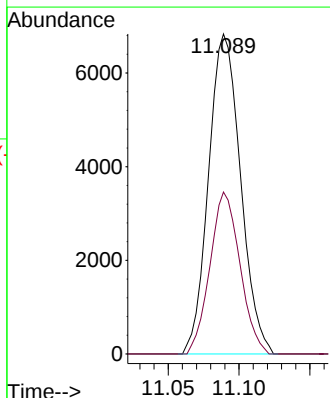
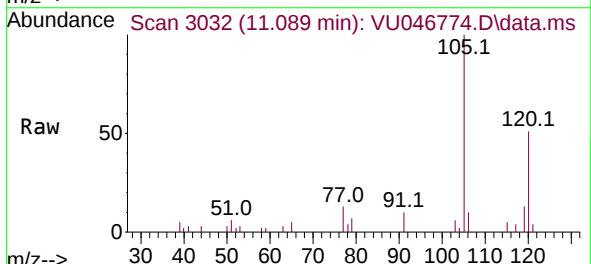
Instrument :
MSVOA_U
ClientSampleId :

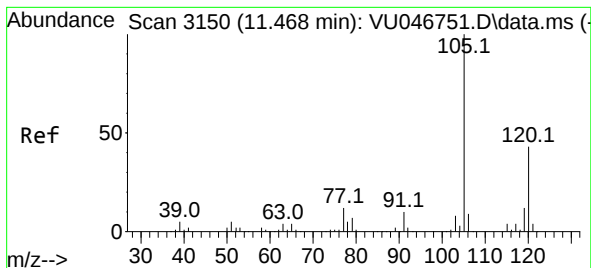
Tgt Ion: 75 Resp: 2738
Ion Ratio Lower Upper
75 100
110 39.7 29.9 44.9
77 30.5 25.5 38.3



#62
1,3,5-Trimethylbenzene
Concen: 0.255 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU046774.D
Acq: 18 Jan 2022 10:49

Tgt Ion: 105 Resp: 10740
Ion Ratio Lower Upper
105 100
120 47.4 38.3 57.5





#63

1,2,4-Trimethylbenzene

Concen: 0.248 ug/L

RT: 11.472 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU046774.D

Acq: 18 Jan 2022 10:49

Instrument :

MSVOA_U

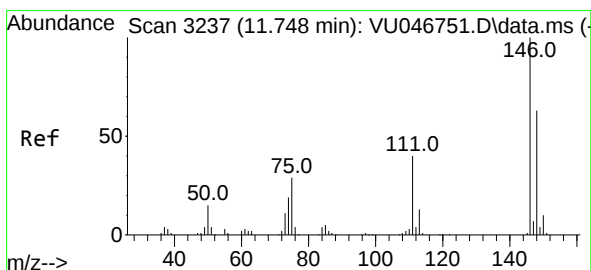
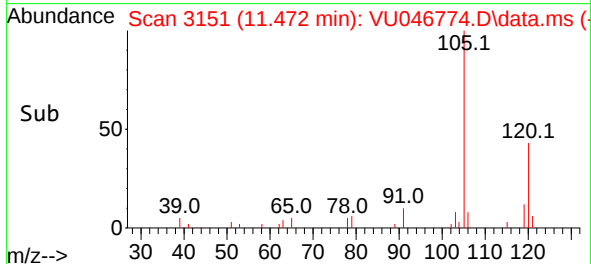
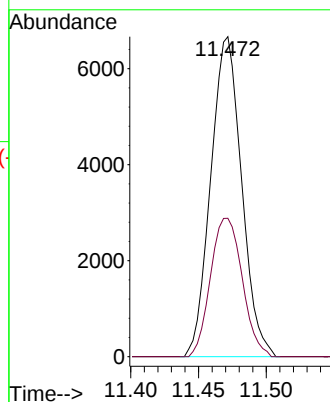
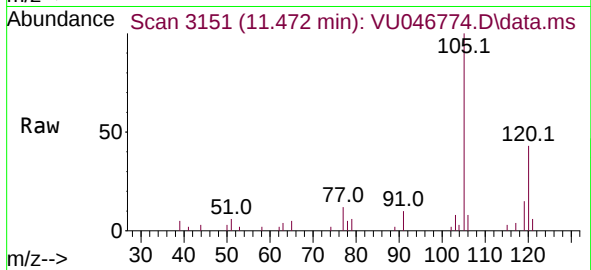
ClientSampleId :

Tgt Ion:105 Resp: 10543

Ion Ratio Lower Upper

105 100

120 44.5 35.8 53.8



#64

1,3-Dichlorobenzene

Concen: 0.298 ug/L

RT: 11.748 min Scan# 3237

Delta R.T. 0.003 min

Lab File: VU046774.D

Acq: 18 Jan 2022 10:49

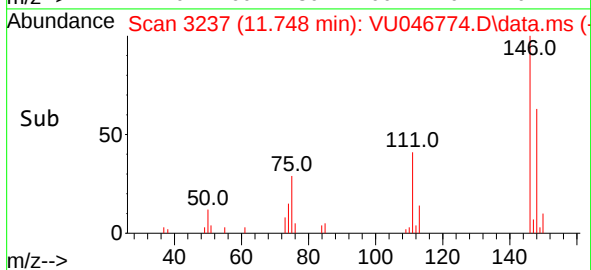
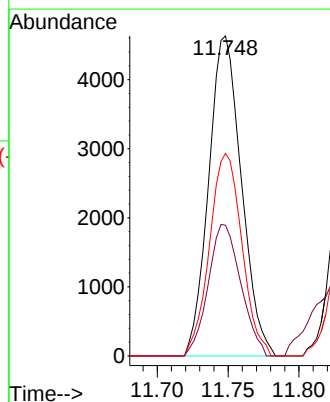
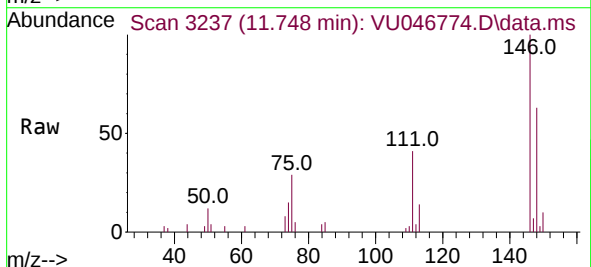
Tgt Ion:146 Resp: 7439

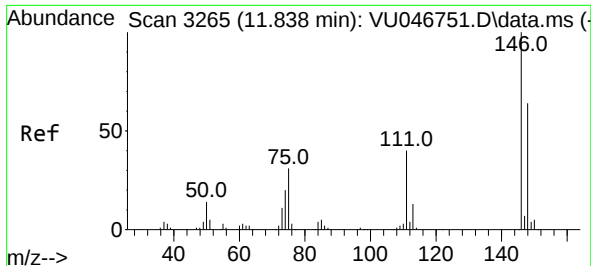
Ion Ratio Lower Upper

146 100

111 40.9 29.9 55.5

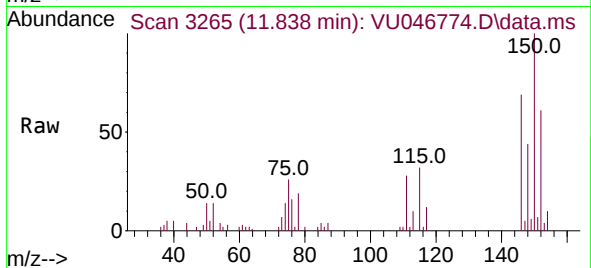
148 63.3 44.3 82.3



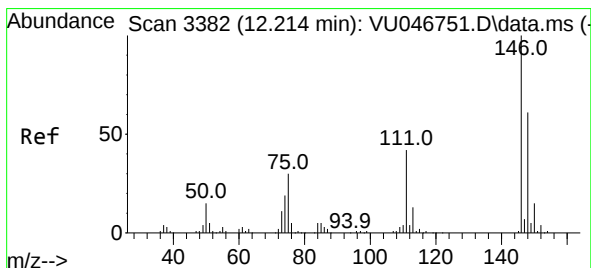
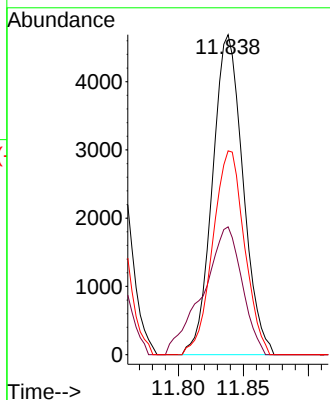
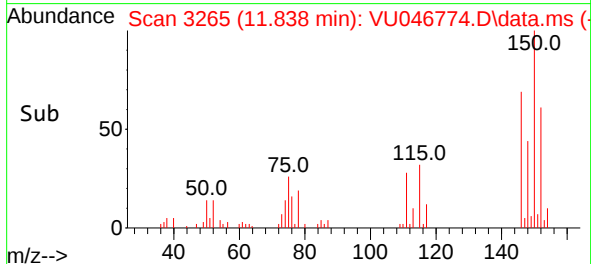


#65
 1,4-Dichlorobenzene
 Concen: 0.299 ug/L
 RT: 11.838 min Scan# 3265
 Delta R.T. 0.000 min
 Lab File: VU046774.D
 Acq: 18 Jan 2022 10:49

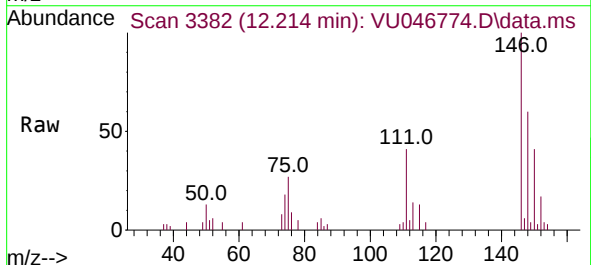
Instrument :
 MSVOA_U
 ClientSampleId :



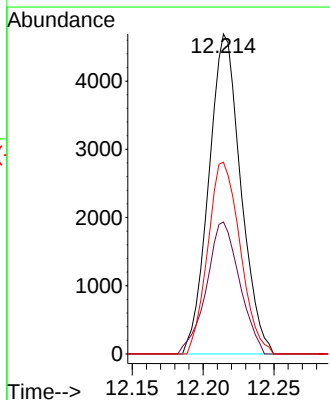
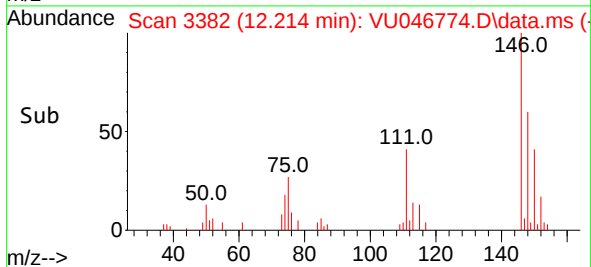
Tgt Ion:146 Resp: 7652
 Ion Ratio Lower Upper
 146 100
 111 39.9 28.7 53.3
 148 63.7 45.8 85.0

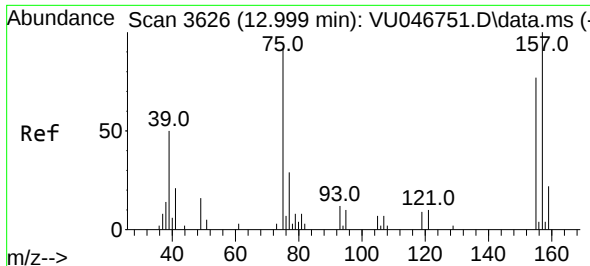


#67
 1,2-Dichlorobenzene
 Concen: 0.295 ug/L
 RT: 12.214 min Scan# 3382
 Delta R.T. 0.000 min
 Lab File: VU046774.D
 Acq: 18 Jan 2022 10:49



Tgt Ion:146 Resp: 7366
 Ion Ratio Lower Upper
 146 100
 111 41.3 35.4 53.0
 148 59.9 51.1 76.7





#68

1,2-Dibromo-3-chloropropane

Concen: 0.216 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

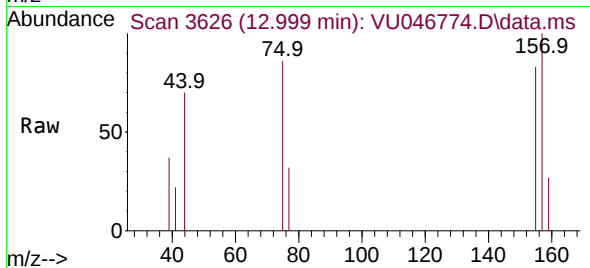
Lab File: VU046774.D

Acq: 18 Jan 2022 10:49

Instrument :

MSVOA_U

ClientSampleId :



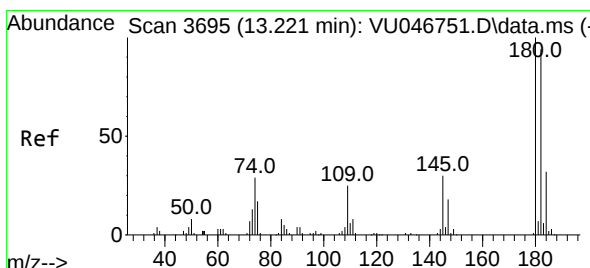
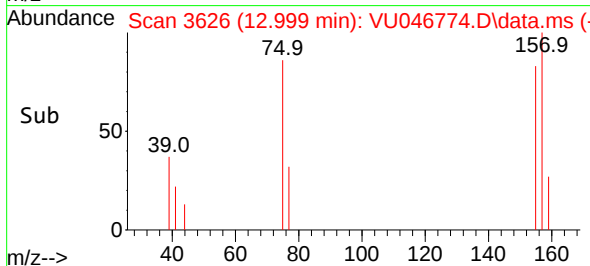
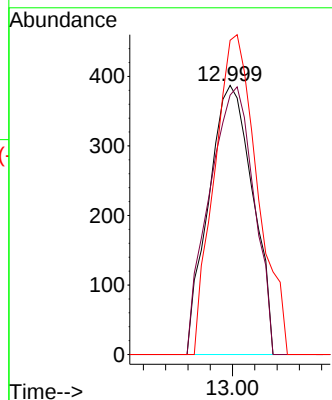
Tgt Ion: 75 Resp: 534

Ion Ratio Lower Upper

75 100

155 96.4 59.2 88.8#

157 116.8 76.5 114.7#



#69

1,3,5-Trichlorobenzene

Concen: 0.312 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.000 min

Lab File: VU046774.D

Acq: 18 Jan 2022 10:49

Tgt Ion: 180 Resp: 5941

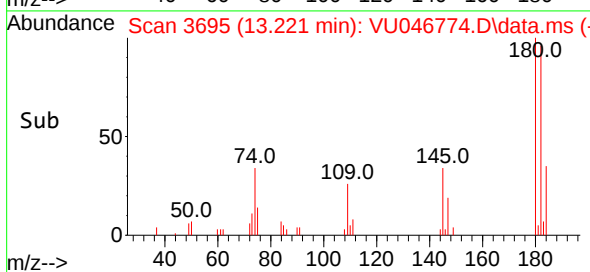
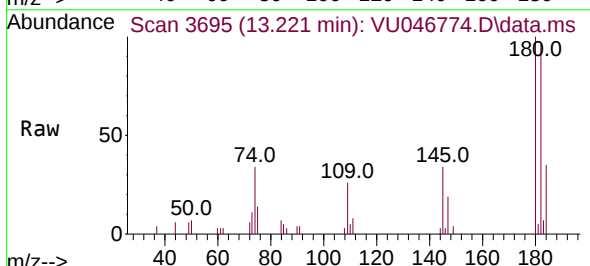
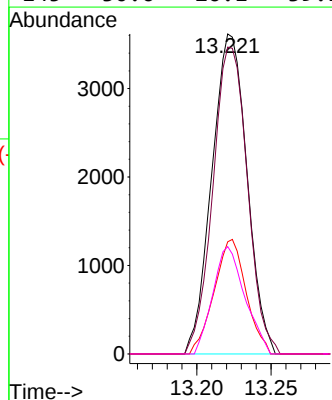
Ion Ratio Lower Upper

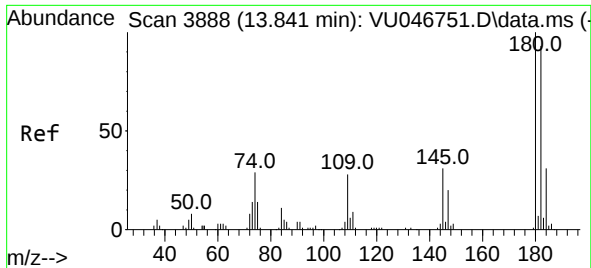
180 100

182 94.3 76.1 114.1

184 32.7 25.0 37.4

145 30.6 26.1 39.1

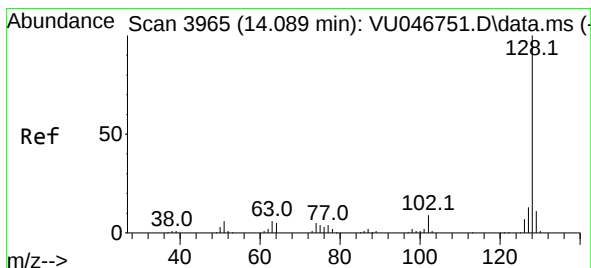
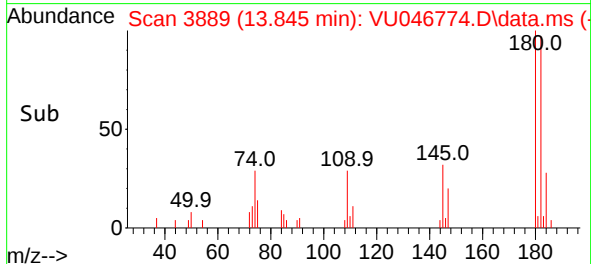
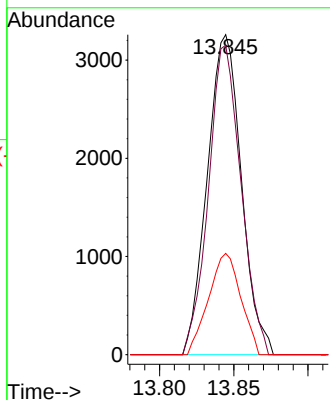
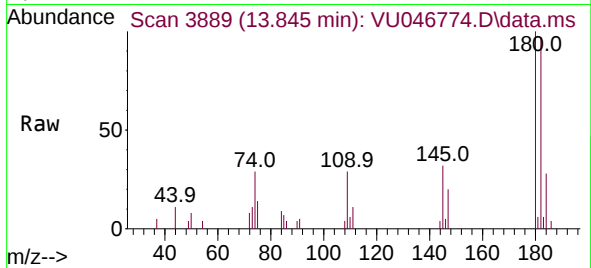




#70
1,2,4-trichlorobenzene
Concen: 0.321 ug/L
RT: 13.845 min Scan# 3889
Delta R.T. 0.003 min
Lab File: VU046774.D
Acq: 18 Jan 2022 10:49

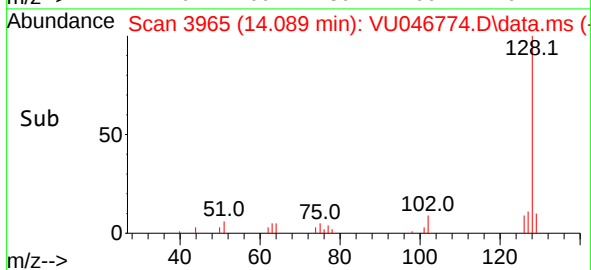
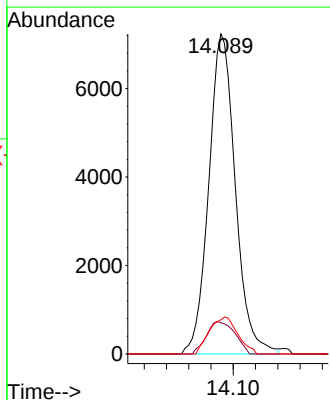
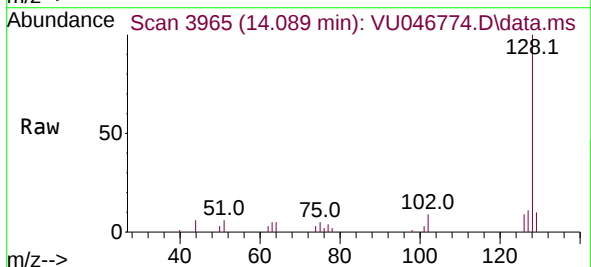
Instrument :
MSVOA_U
ClientSampleId :

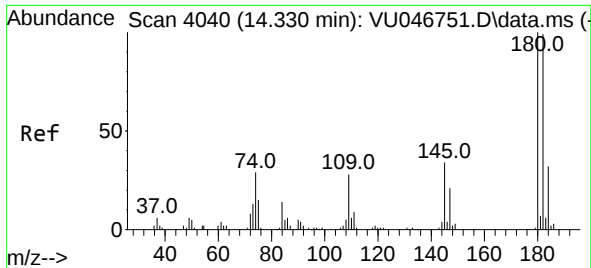
Tgt Ion:180 Resp: 5205
Ion Ratio Lower Upper
180 100
182 92.2 76.4 114.6
145 29.9 25.6 38.4



#71
Naphthalene
Concen: 0.343 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU046774.D
Acq: 18 Jan 2022 10:49

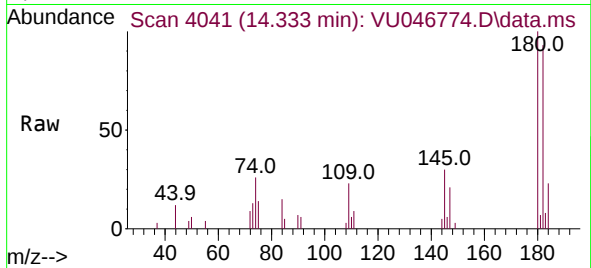
Tgt Ion:128 Resp: 11994
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 12.2 10.2 15.2





#72
 1,2,3-Trichlorobenzene
 Concen: 0.319 ug/L
 RT: 14.333 min Scan# 40
 Delta R.T. 0.003 min
 Lab File: VU046774.D
 Acq: 18 Jan 2022 10:49

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 5052
 Ion Ratio Lower Upper
 180 100
 182 99.4 76.2 114.4
 145 33.1 28.4 42.6

