

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011322\
 Data File : VU046759.D
 Acq On : 13 Jan 2022 17:02
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 13 23:13:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 10 00:25:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	73713	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	75543	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	43713	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	17581	3.028	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.600%
7) Chloroethane-d5	1.919	69	16709	3.655	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.000%
11) 1,1-Dichloroethene-d2	2.568	65	7643	3.122	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.400%
20) 2-Butanone-d5	4.646	46	90090	53.492	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.980%
24) Chloroform-d	5.067	84	47412	4.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.703	65	27609	4.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.729	84	85473	4.059	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	6.694	67	27580	4.358	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.899	98	78312	4.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	8.179	79	12001	4.101	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.636	63	80319	46.744	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.480%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	31597	4.865	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	33790	4.196	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	46151	4.092	ug/L	100
3) Chloromethane	1.523	50	34605	3.562	ug/L	98
5) Vinyl chloride	1.607	62	36928	3.861	ug/L	99
6) Bromomethane	1.861	94	23430	4.070	ug/L	99
8) Chloroethane	1.938	64	23603	4.204	ug/L	99
9) Trichlorofluoromethane	2.141	101	59099	4.724	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	33999	5.339	ug/L	94
12) 1,1-Dichloroethene	2.585	96	29461	4.543	ug/L #	67
13) Acetone	2.665	43	79562	50.387	ug/L	99
14) Carbon disulfide	2.797	76	62616	2.956	ug/L	98
15) Methyl Acetate	2.964	43	14509	4.549	ug/L #	84
16) Methylene chloride	3.051	84	45728	5.796	ug/L	89
17) Methyl tert-butyl Ether	3.366	73	94004	4.970	ug/L	97
18) trans-1,2-Dichloroethene	3.356	96	31439	4.545	ug/L	91
19) 1,1-Dichloroethane	3.874	63	63427	4.977	ug/L	99
21) 2-Butanone	4.723	43	118568	49.493	ug/L	91
22) cis-1,2-Dichloroethene	4.671	96	37932	5.017	ug/L	97
23) Bromochloromethane	4.977	128	18096	4.809	ug/L	90
25) Chloroform	5.092	83	73449	5.335	ug/L	96

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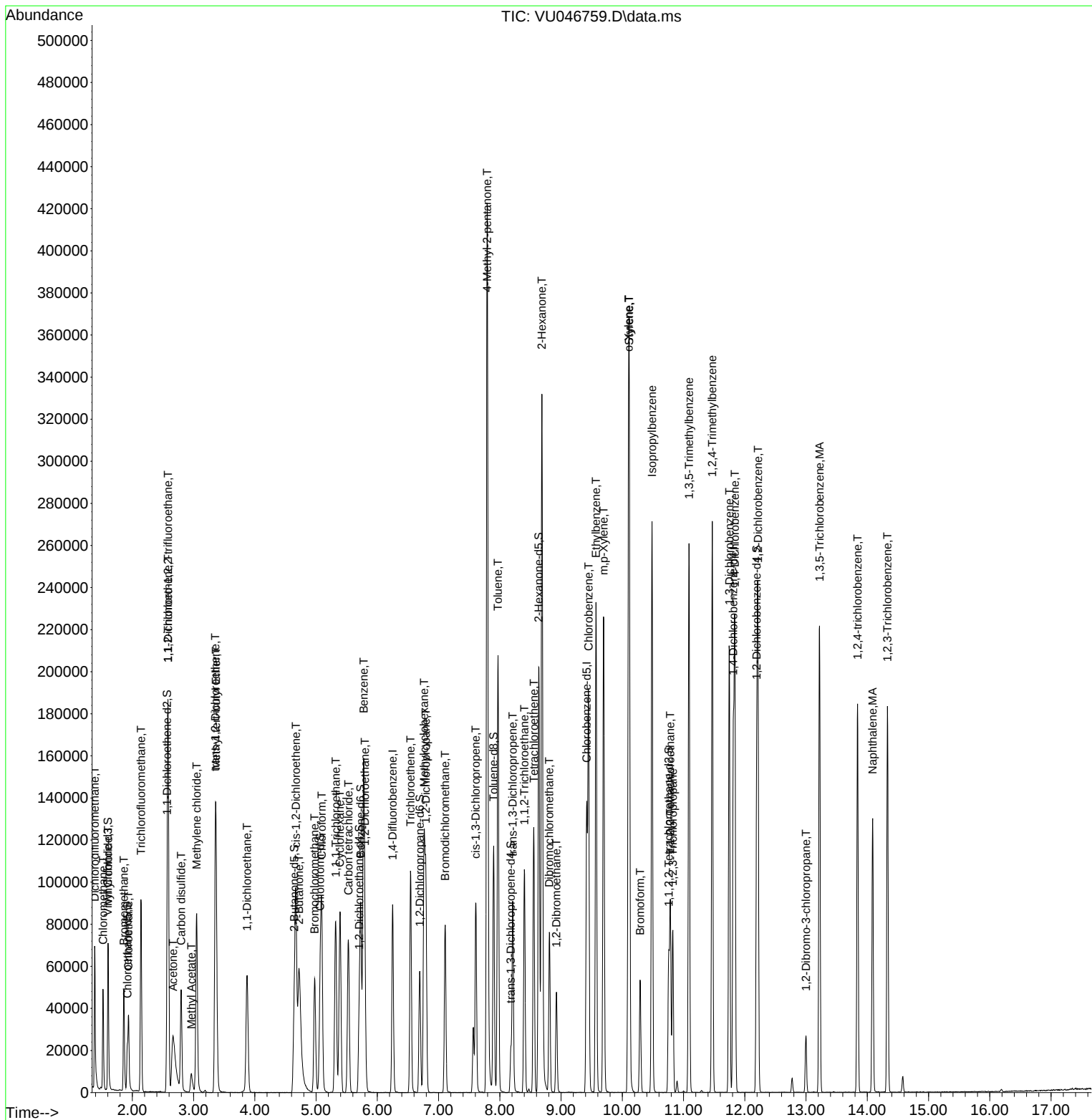
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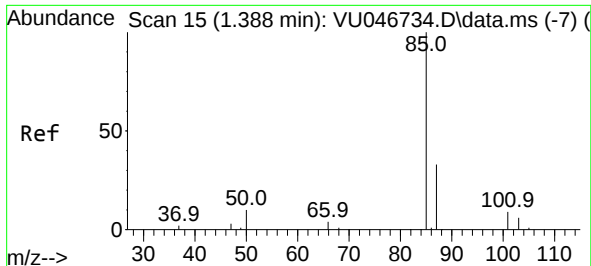
Quant Time: Jan 13 23:13:54 2022
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	47008	4.783	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	61876	4.953	ug/L	98
30) Cyclohexane	5.391	56	41250	3.992	ug/L	93
31) Carbon tetrachloride	5.527	117	51485	4.912	ug/L	99
33) Benzene	5.777	78	140324	4.675	ug/L	100
34) Trichloroethene	6.543	95	35975	4.547	ug/L	97
35) Methylcyclohexane	6.764	83	47810	4.286	ug/L	95
37) 1,2-Dichloropropane	6.793	63	38090	4.975	ug/L #	97
38) Bromodichloromethane	7.108	83	52910	4.993	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	55660	4.803	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	271711	47.277	ug/L #	94
42) Toluene	7.970	91	154697	5.021	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	51905	4.833	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	33855	5.127	ug/L	97
47) Tetrachloroethene	8.555	164	28022	5.005	ug/L	94
48) 2-Hexanone	8.687	43	205998	47.995	ug/L	95
49) Dibromochloromethane	8.809	129	39836	5.231	ug/L	98
50) 1,2-Dibromoethane	8.925	107	29933	4.696	ug/L #	99
51) Chlorobenzene	9.449	112	103005	5.231	ug/L	96
52) Ethylbenzene	9.571	91	165082	5.177	ug/L	98
53) m,p-Xylene	9.697	106	65969	5.400	ug/L	99
54) o-Xylene	10.102	106	65876	5.612	ug/L	97
55) Styrene	10.115	104	116022	5.698	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.784	83	43633	5.057	ug/L	92
59) Bromoform	10.292	173	23993	4.751	ug/L	97
60) Isopropylbenzene	10.485	105	175622	5.210	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	32599	4.490	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	142633	5.087	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	149640	5.300	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	88865	5.423	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	88433	5.271	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	85762	5.218	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	7180	4.273	ug/L	85
69) 1,3,5-Trichlorobenzene	13.221	180	68709	5.540	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	56557	5.384	ug/L	100
71) Naphthalene	14.089	128	106162	4.551	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	55335	5.321	ug/L	99

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

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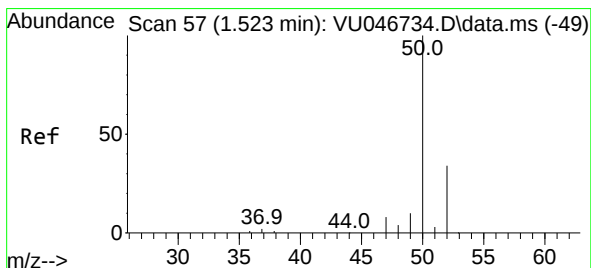
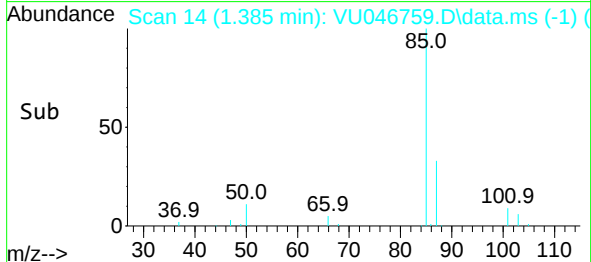
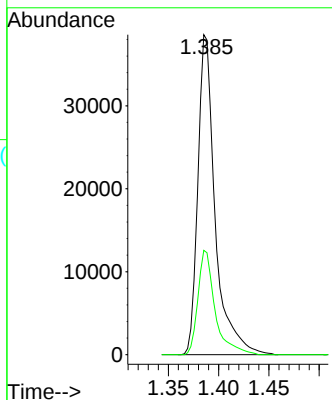
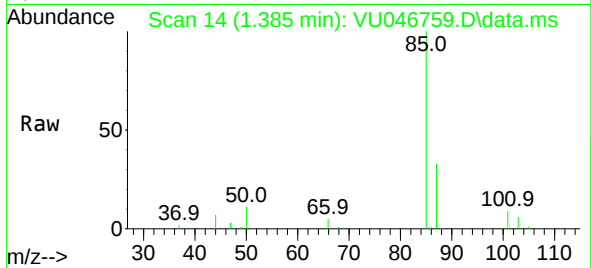




#2
 Dichlorodifluoromethane
 Concen: 4.092 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. 0.007 min
 Lab File: VU046759.D
 Acq: 13 Jan 2022 17:02

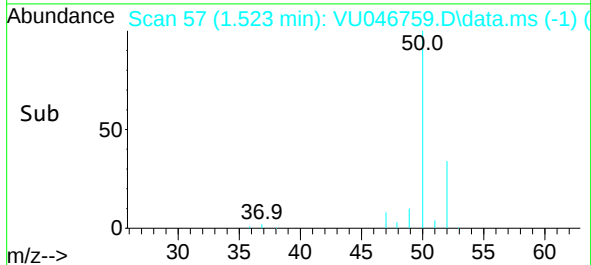
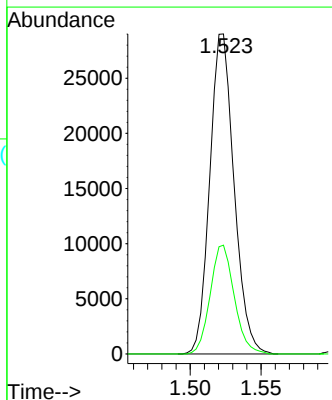
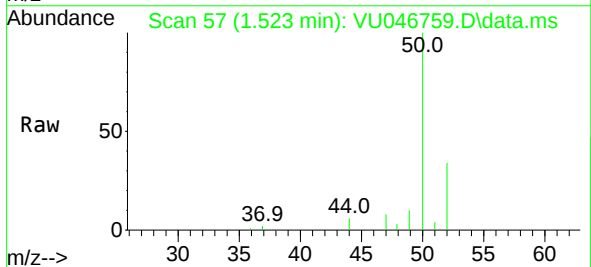
Instrument :
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 ClientSampleId :

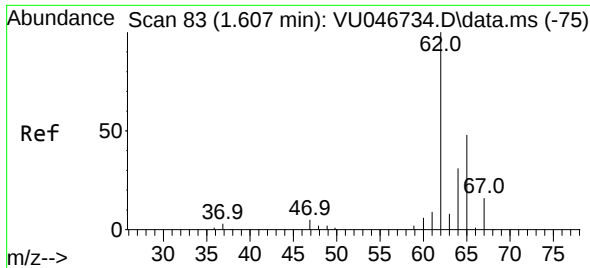
Tgt Ion: 85 Resp: 46151
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.8 38.6



#3
 Chloromethane
 Concen: 3.562 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. 0.007 min
 Lab File: VU046759.D
 Acq: 13 Jan 2022 17:02

Tgt Ion: 50 Resp: 34605
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.0 42.8

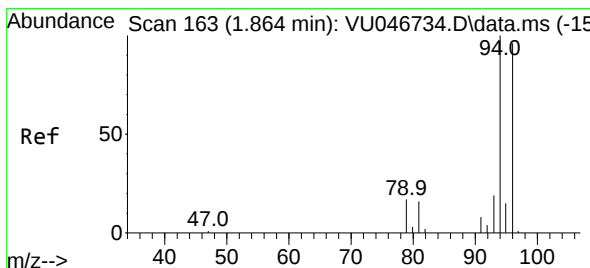
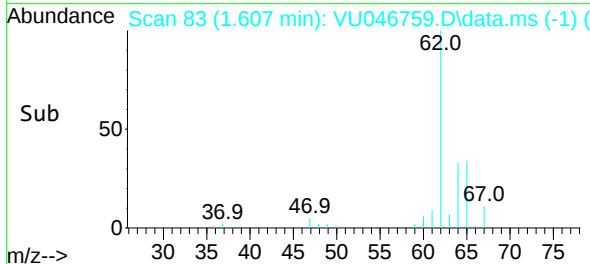
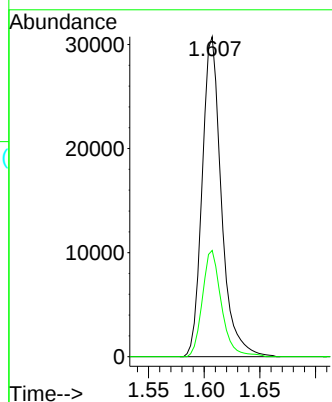
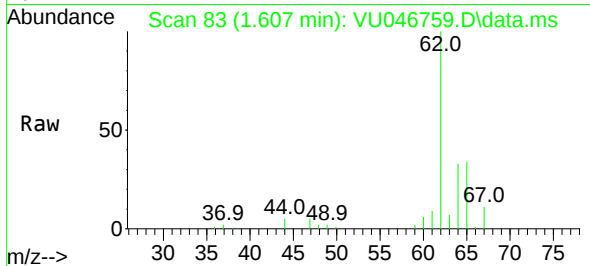




#5
 Vinyl chloride
 Concen: 3.861 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.007 min
 Lab File: VU046759.D
 Acq: 13 Jan 2022 17:02

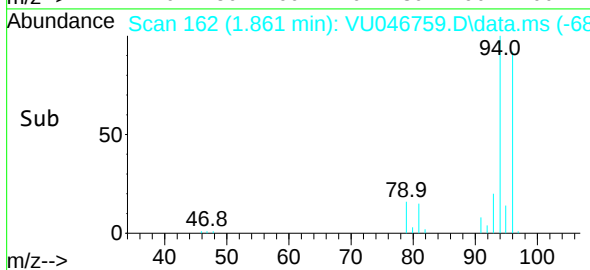
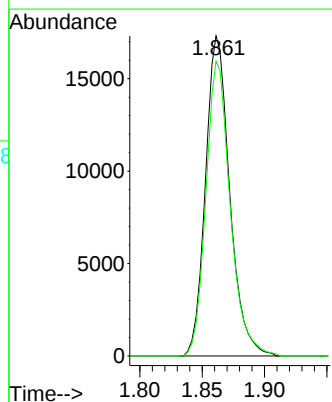
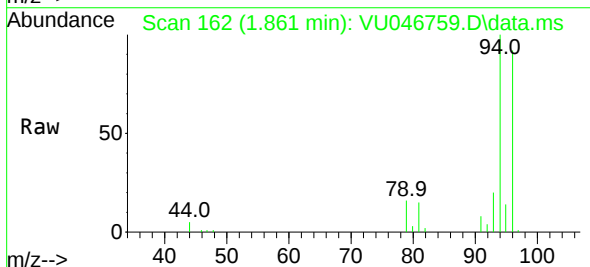
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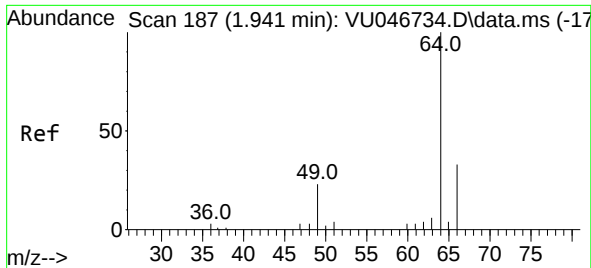
Tgt Ion: 62 Resp: 36928
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.9 42.5



#6
 Bromomethane
 Concen: 4.070 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.003 min
 Lab File: VU046759.D
 Acq: 13 Jan 2022 17:02

Tgt Ion: 94 Resp: 23430
 Ion Ratio Lower Upper
 94 100
 96 92.1 65.5 121.6

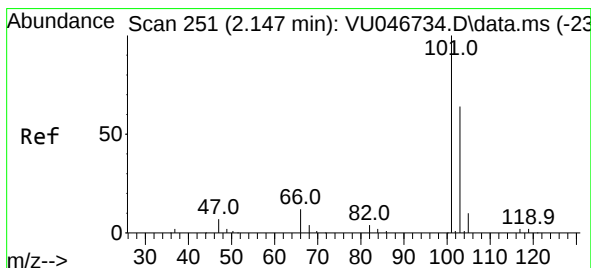
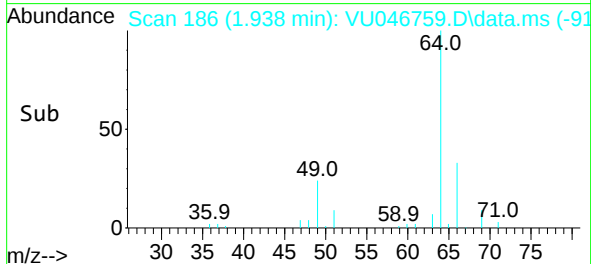
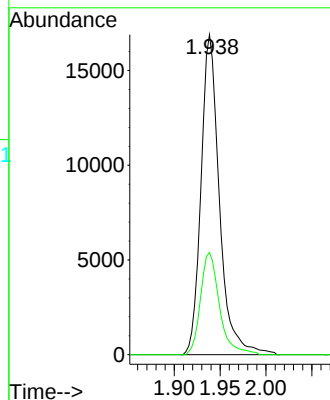
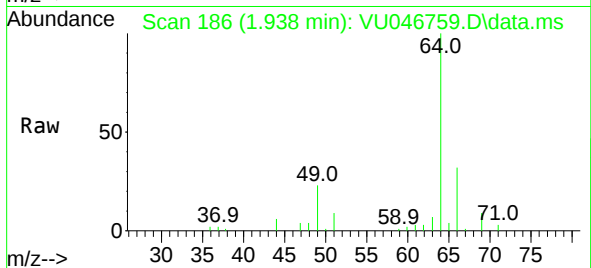




#8
Chloroethane
Concen: 4.204 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

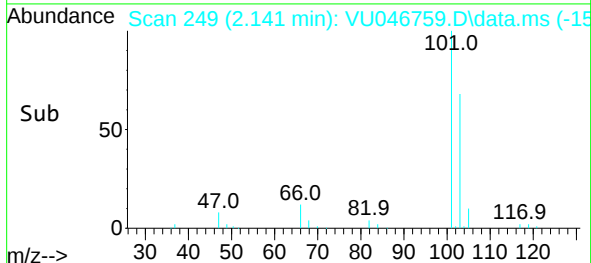
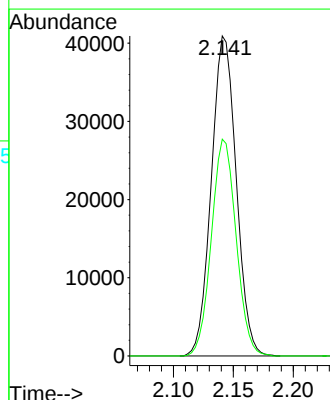
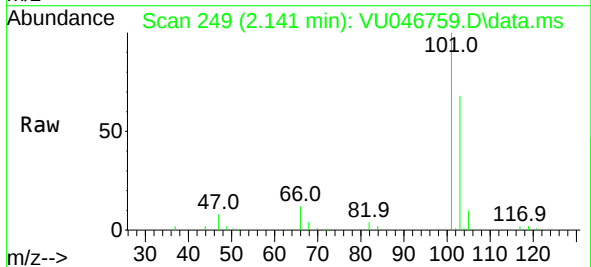
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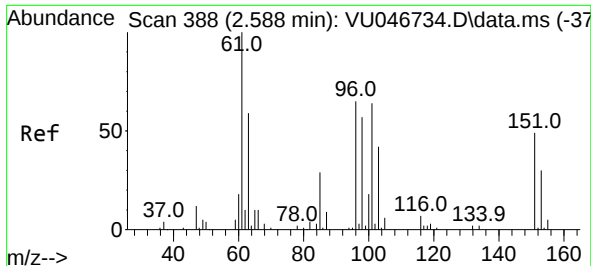
Tgt Ion: 64 Resp: 23603
Ion Ratio Lower Upper
64 100
66 32.0 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.724 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.003 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

Tgt Ion:101 Resp: 59099
Ion Ratio Lower Upper
101 100
103 67.2 51.5 77.3





#10

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

Concen: 5.339 ug/L

RT: 2.585 min Scan# 387

Delta R.T. 0.007 min

Lab File: VU046759.D

Acq: 13 Jan 2022 17:02

Instrument :

MSVOA_U

ClientSampleId :

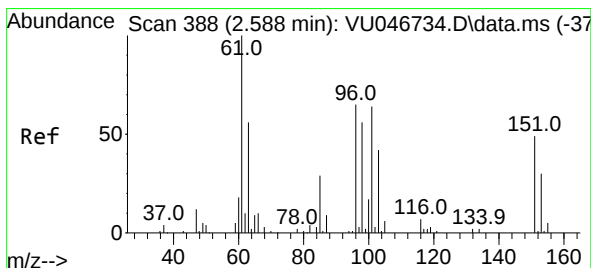
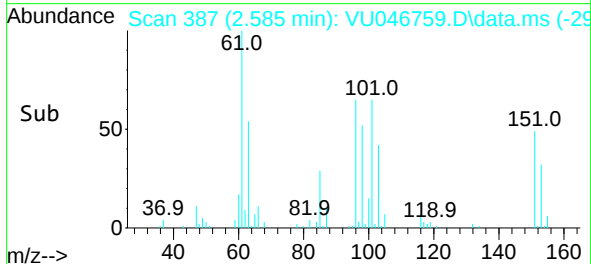
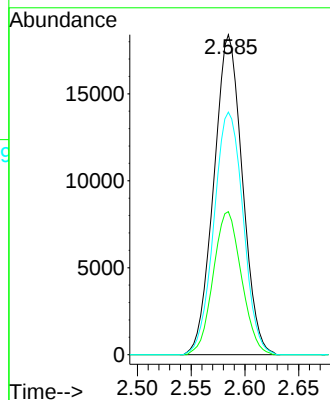
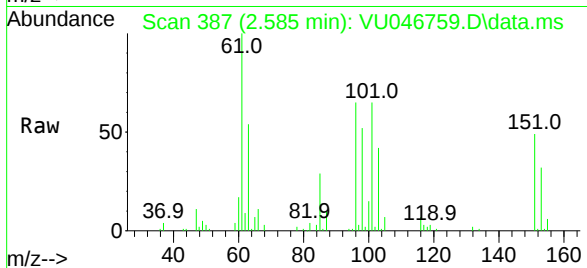
Tgt Ion:101 Resp: 33999

Ion Ratio Lower Upper

101 100

85 44.2 34.6 51.8

151 77.8 56.1 84.1



#12

1,1-Dichloroethene

Concen: 4.543 ug/L

RT: 2.585 min Scan# 387

Delta R.T. 0.007 min

Lab File: VU046759.D

Acq: 13 Jan 2022 17:02

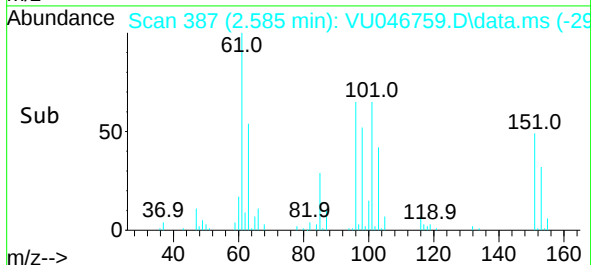
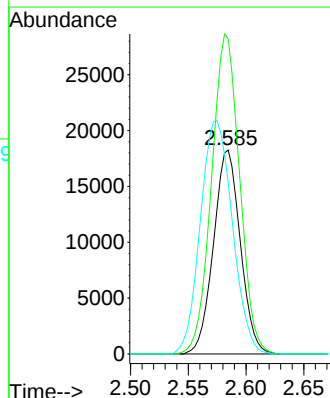
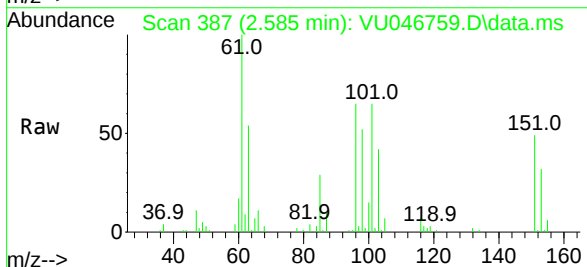
Tgt Ion: 96 Resp: 29461

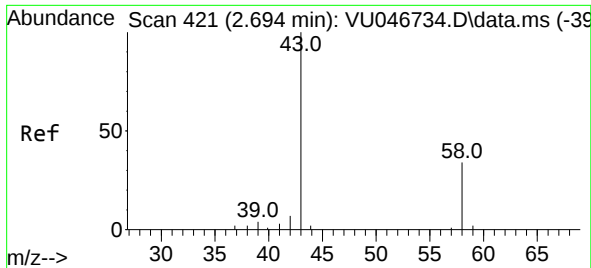
Ion Ratio Lower Upper

96 100

61 154.7 124.7 231.5

63 84.2 105.2 195.4#





#13

Acetone

Concen: 50.387 ug/L

RT: 2.665 min Scan# 41

Delta R.T. -0.019 min

Lab File: VU046759.D

Acq: 13 Jan 2022 17:02

Instrument :

MSVOA_U

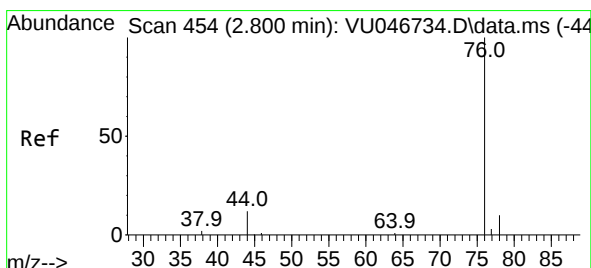
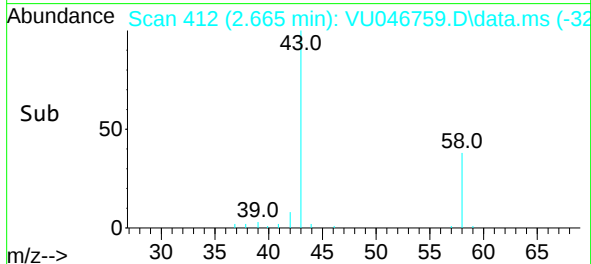
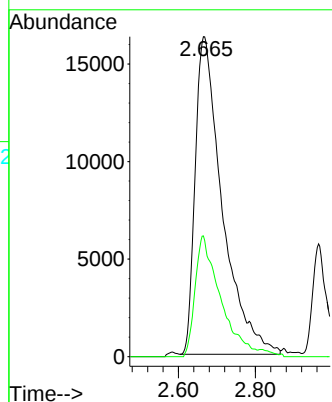
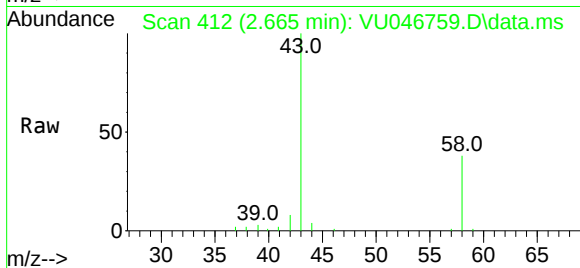
ClientSampleId :

Tgt Ion: 43 Resp: 79562

Ion Ratio Lower Upper

43 100

58 35.3 0.0 71.6



#14

Carbon disulfide

Concen: 2.956 ug/L

RT: 2.797 min Scan# 453

Delta R.T. 0.003 min

Lab File: VU046759.D

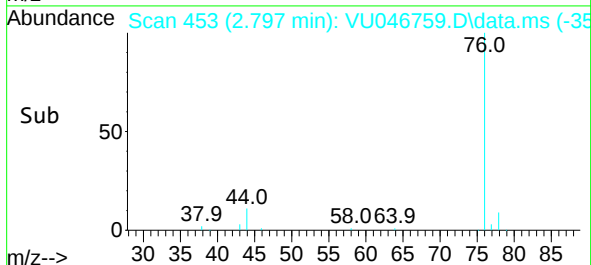
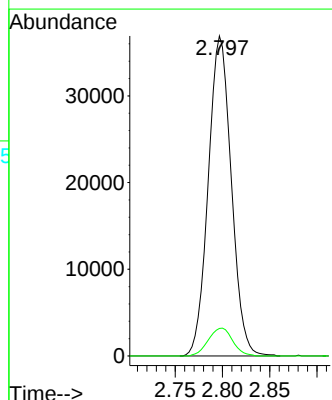
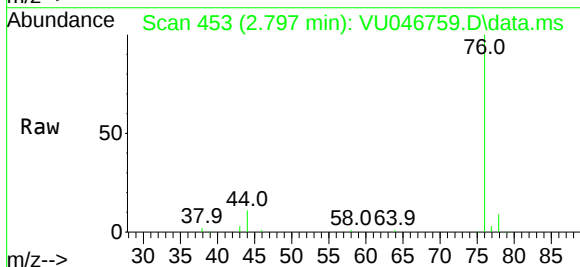
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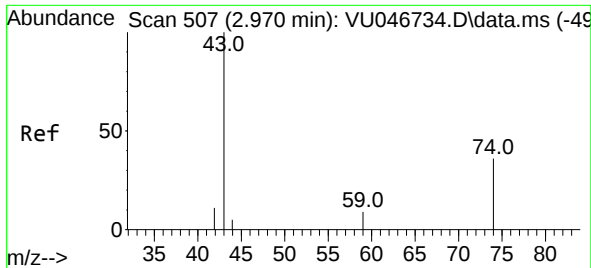
Tgt Ion: 76 Resp: 62616

Ion Ratio Lower Upper

76 100

78 8.6 7.5 11.3

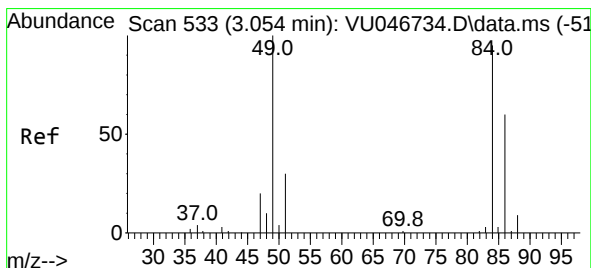
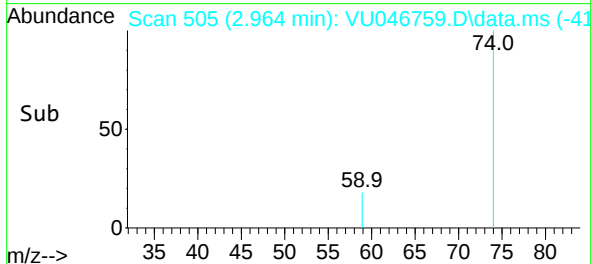
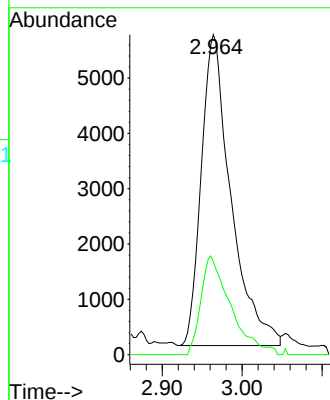
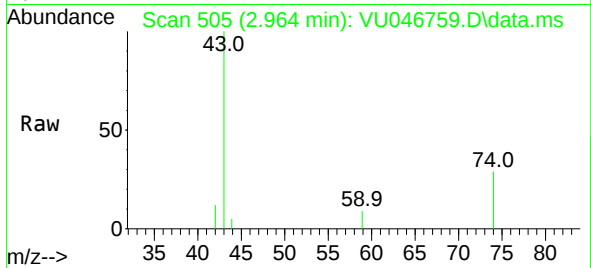




#15
Methyl Acetate
Concen: 4.549 ug/L
RT: 2.964 min Scan# 507
Delta R.T. 0.000 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

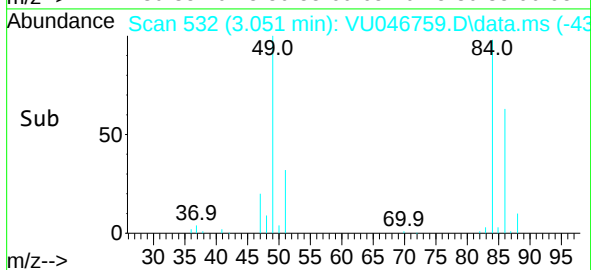
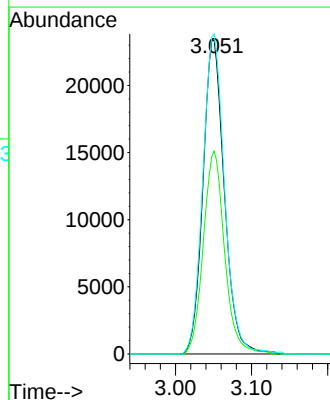
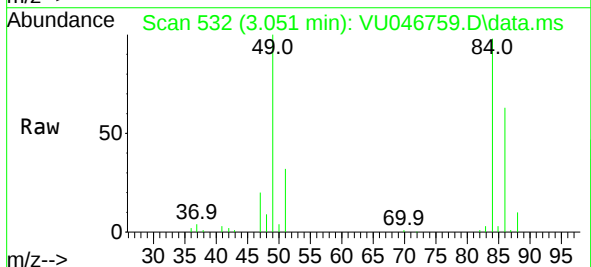
Instrument :
MSVOA_U
ClientSampleId :

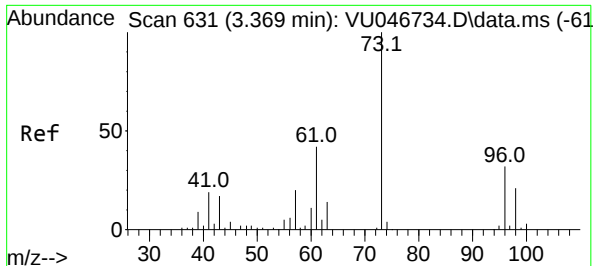
Tgt Ion: 43 Resp: 14509
Ion Ratio Lower Upper
43 100
74 31.8 19.1 28.7#



#16
Methylene chloride
Concen: 5.796 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.007 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

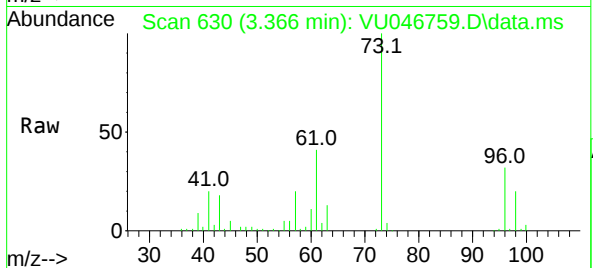
Tgt Ion: 84 Resp: 45728
Ion Ratio Lower Upper
84 100
86 64.7 45.8 85.0
49 102.1 84.5 156.9



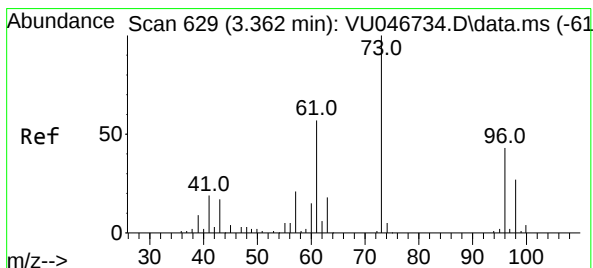
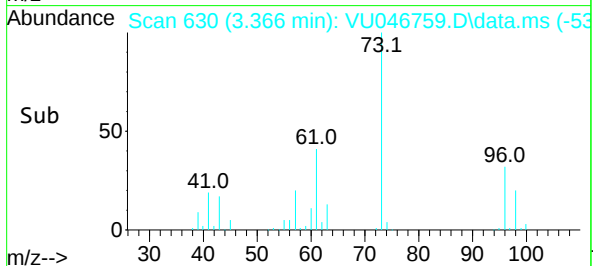
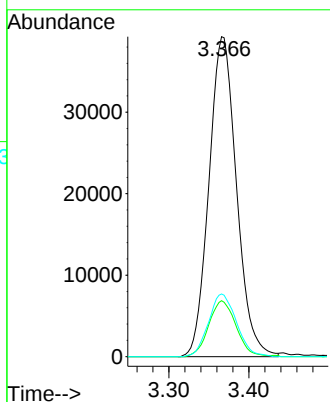


#17
Methyl tert-butyl Ether
Concen: 4.970 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.007 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

Instrument :
MSVOA_U
ClientSampleId :

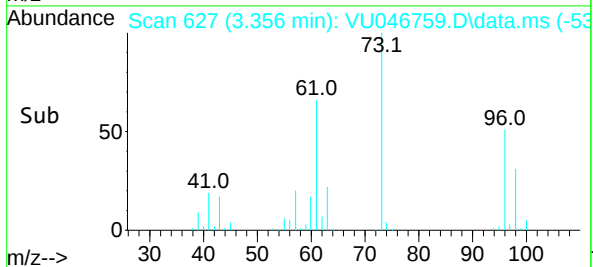
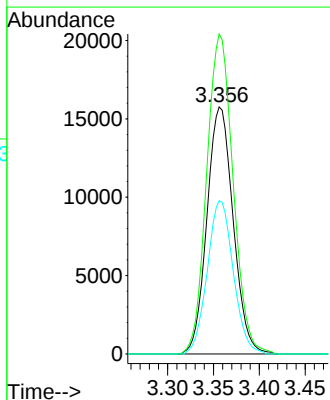
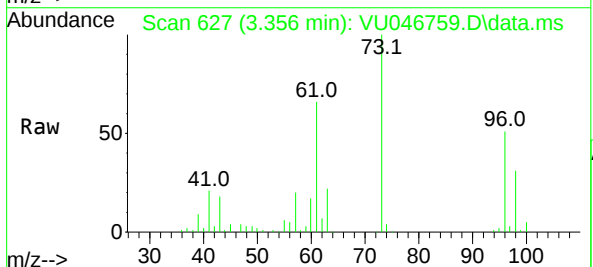


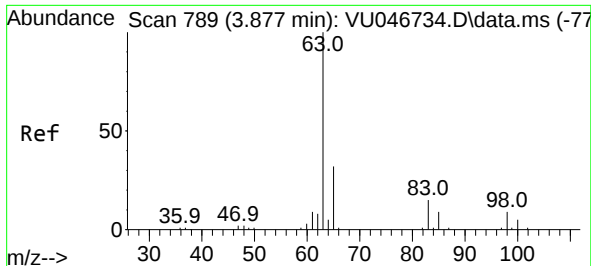
Tgt Ion: 73 Resp: 94004
Ion Ratio Lower Upper
73 100
43 17.4 14.8 22.2
57 19.9 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 4.545 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.003 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

Tgt Ion: 96 Resp: 31439
Ion Ratio Lower Upper
96 100
61 129.6 100.8 187.2
98 62.0 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.977 ug/L

RT: 3.874 min Scan# 71

Delta R.T. 0.007 min

Lab File: VU046759.D

Acq: 13 Jan 2022 17:02

Instrument :

MSVOA_U

ClientSampleId :

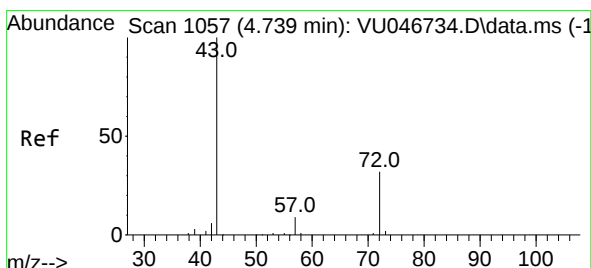
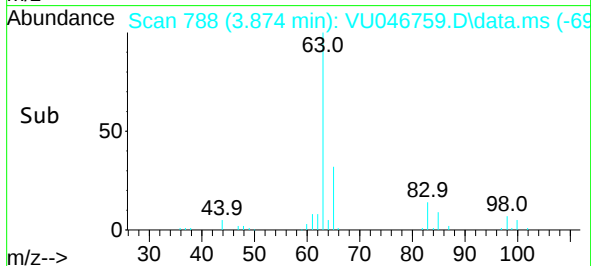
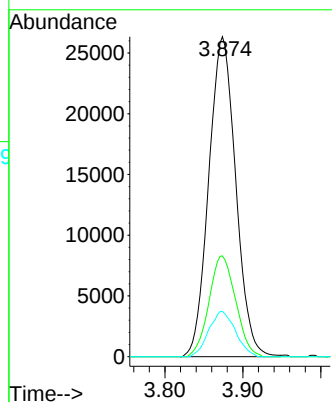
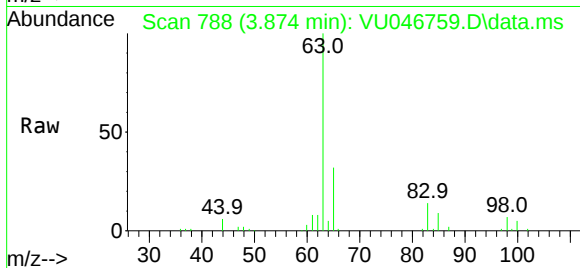
Tgt Ion: 63 Resp: 63427

Ion Ratio Lower Upper

63 100

65 31.5 22.3 41.5

83 14.1 9.6 17.8



#21

2-Butanone

Concen: 49.493 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. -0.009 min

Lab File: VU046759.D

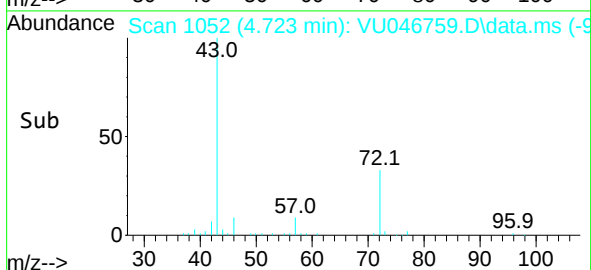
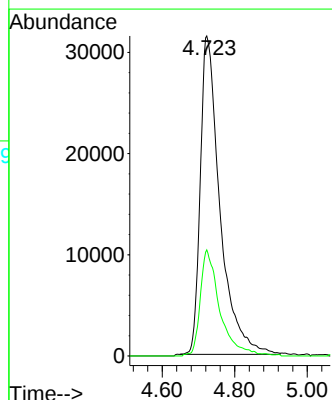
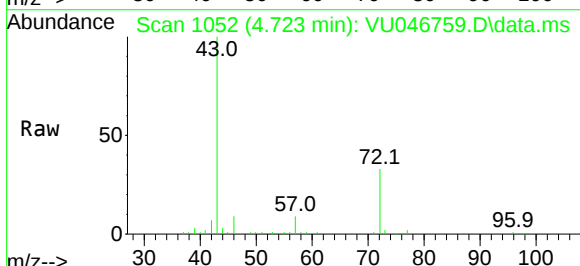
Acq: 13 Jan 2022 17:02

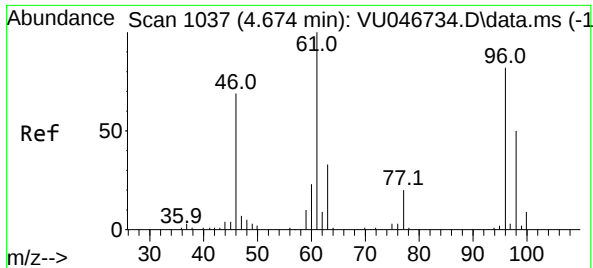
Tgt Ion: 43 Resp: 118568

Ion Ratio Lower Upper

43 100

72 32.9 14.1 42.3





#22

cis-1,2-Dichloroethene

Concen: 5.017 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VU046759.D

Acq: 13 Jan 2022 17:02

Instrument :

MSVOA_U

ClientSampleId :

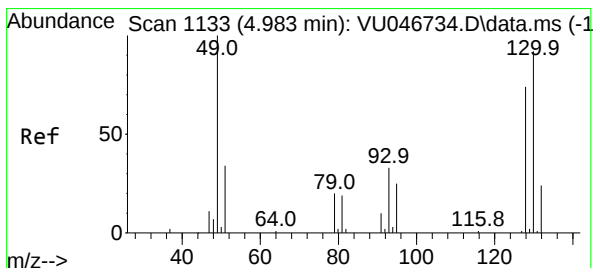
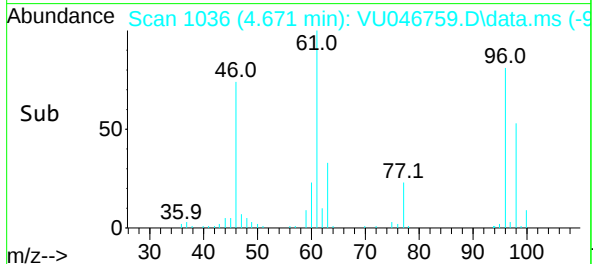
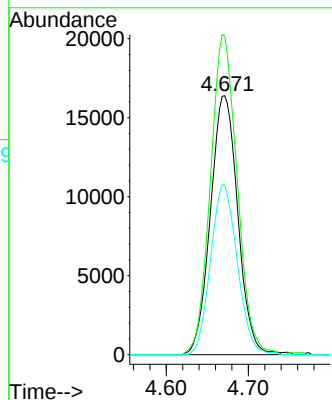
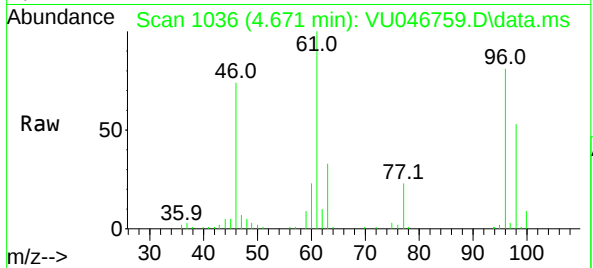
Tgt Ion: 96 Resp: 37932

Ion Ratio Lower Upper

96 100

61 123.1 88.5 164.3

98 65.5 44.4 82.5



#23

Bromochloromethane

Concen: 4.809 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VU046759.D

Acq: 13 Jan 2022 17:02

Tgt Ion: 128 Resp: 18096

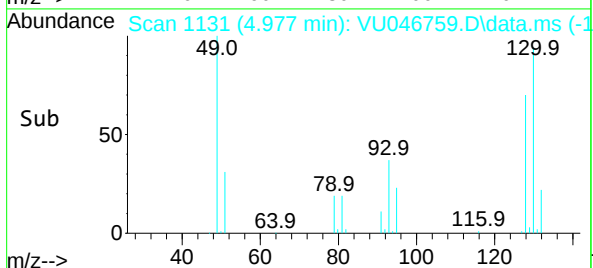
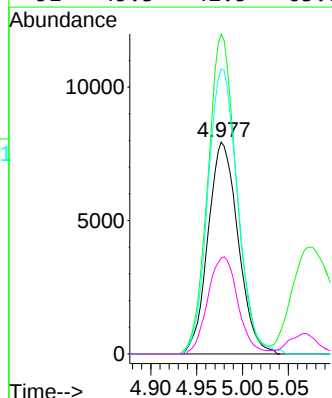
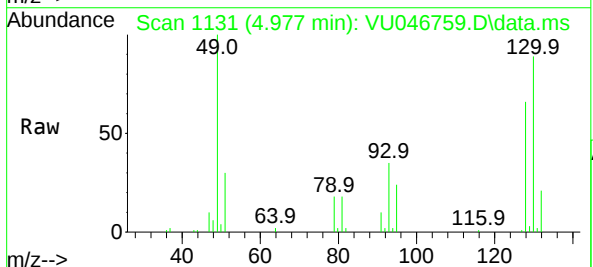
Ion Ratio Lower Upper

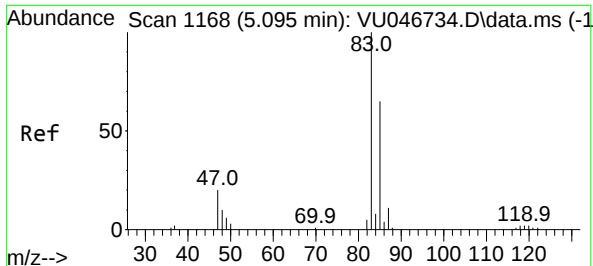
128 100

49 151.1 117.0 217.2

130 134.7 88.2 163.8

51 45.3 42.5 63.7





#25

Chloroform

Concen: 5.335 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.007 min

Lab File: VU046759.D

Acq: 13 Jan 2022 17:02

Instrument :

MSVOA_U

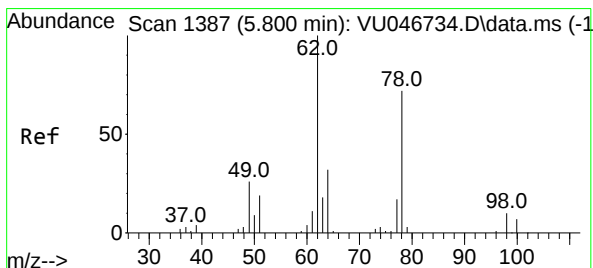
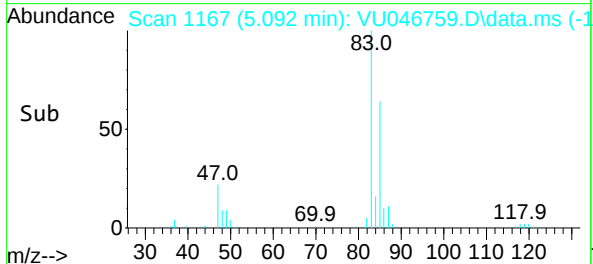
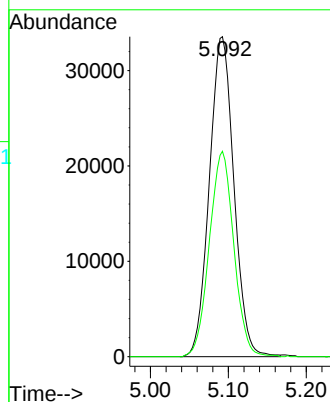
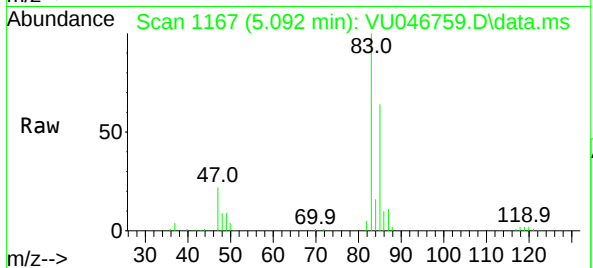
ClientSampleId :

Tgt Ion: 83 Resp: 73449

Ion Ratio Lower Upper

83 100

85 64.2 46.9 87.1



#27

1,2-Dichloroethane

Concen: 4.783 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.003 min

Lab File: VU046759.D

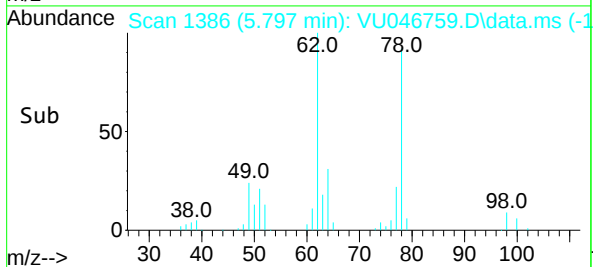
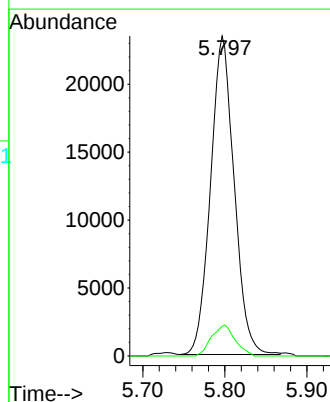
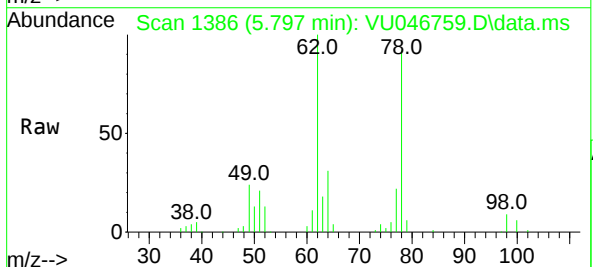
Acq: 13 Jan 2022 17:02

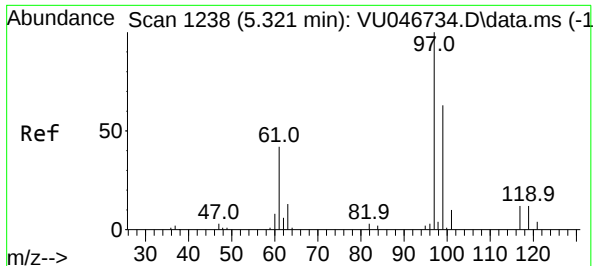
Tgt Ion: 62 Resp: 47008

Ion Ratio Lower Upper

62 100

98 9.3 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.953 ug/L

RT: 5.321 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU046759.D

Acq: 13 Jan 2022 17:02

Instrument :

MSVOA_U

ClientSampleId :

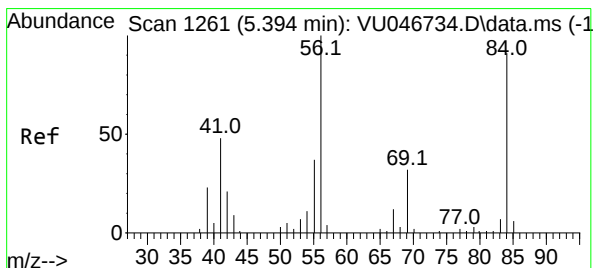
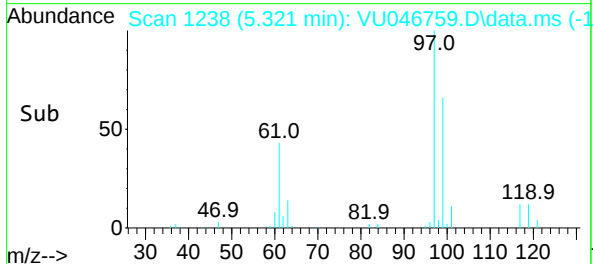
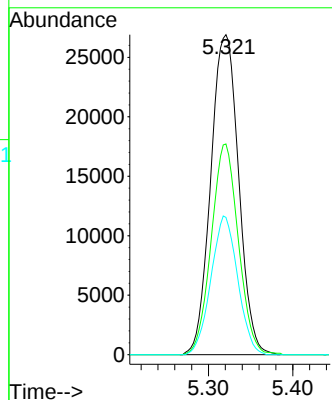
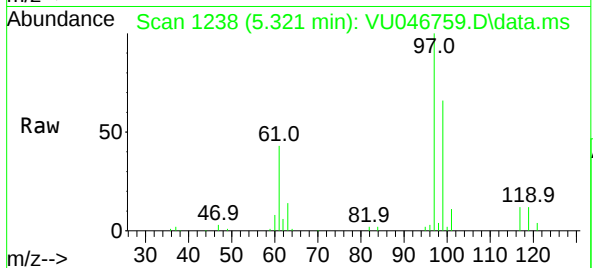
Tgt Ion: 97 Resp: 61876

Ion Ratio Lower Upper

97 100

99 64.0 51.3 76.9

61 41.5 36.1 54.1



#30

Cyclohexane

Concen: 3.992 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.003 min

Lab File: VU046759.D

Acq: 13 Jan 2022 17:02

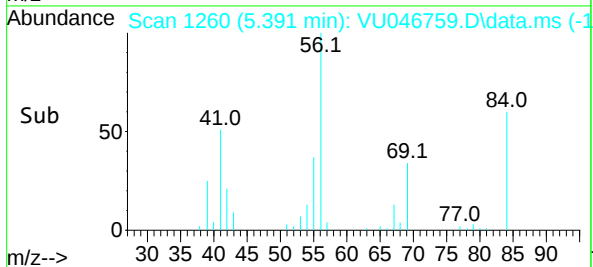
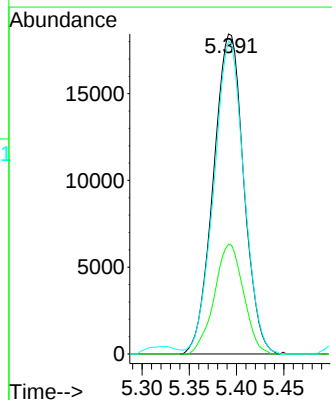
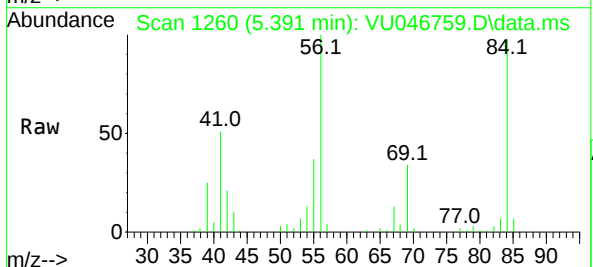
Tgt Ion: 56 Resp: 41250

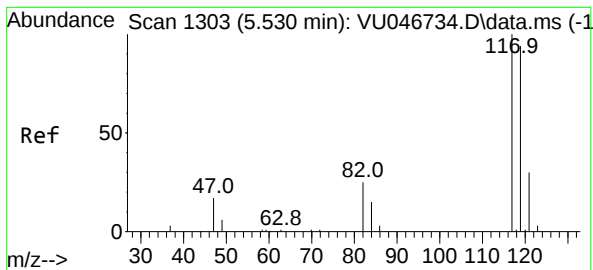
Ion Ratio Lower Upper

56 100

69 32.8 24.7 37.1

84 97.1 71.8 107.6

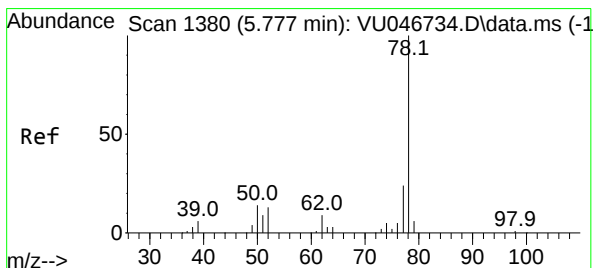
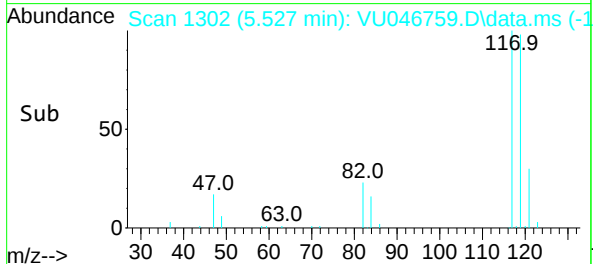
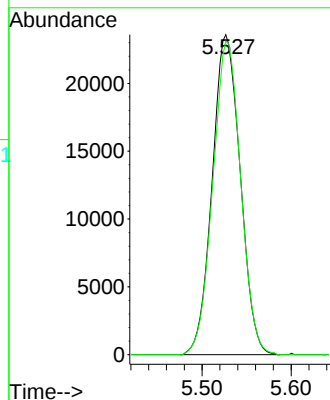
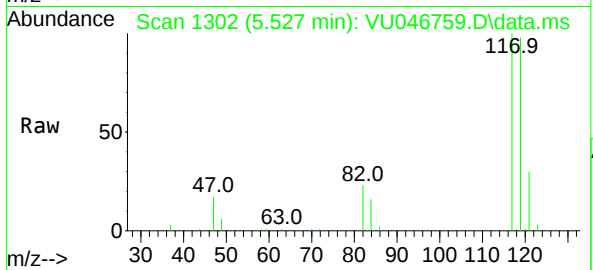




#31
Carbon tetrachloride
Concen: 4.912 ug/L
RT: 5.527 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

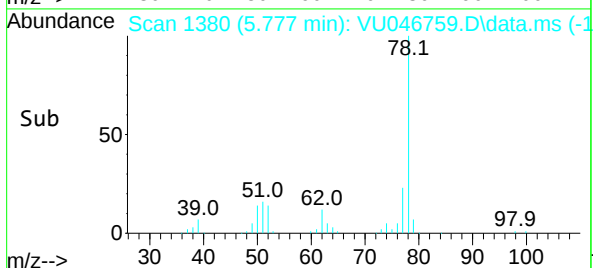
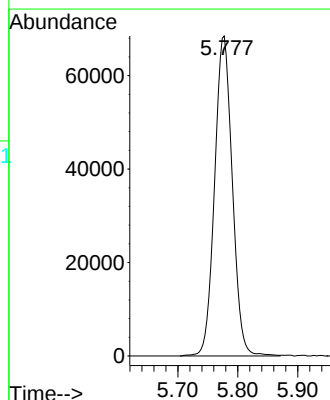
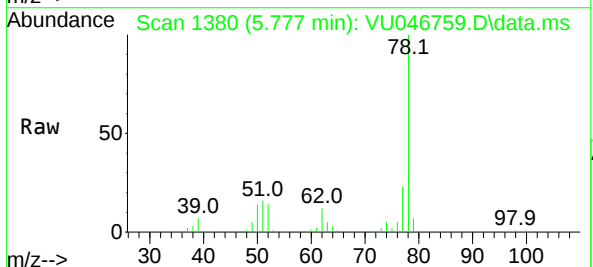
Instrument :
MSVOA_U
ClientSampleId :

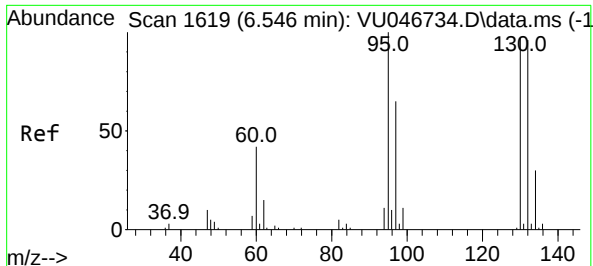
Tgt Ion:117 Resp: 51485
Ion Ratio Lower Upper
117 100
119 97.6 77.5 116.3



#33
Benzene
Concen: 4.675 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

Tgt Ion: 78 Resp: 140324

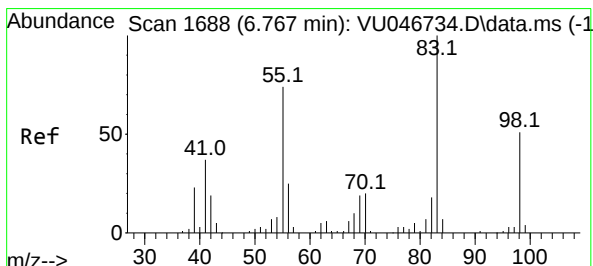
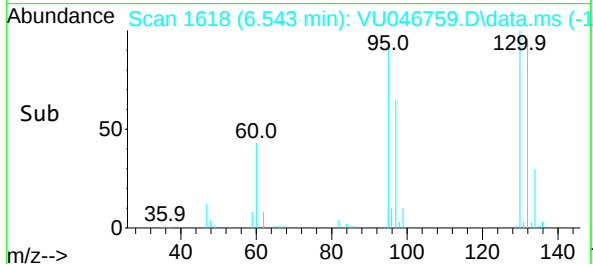
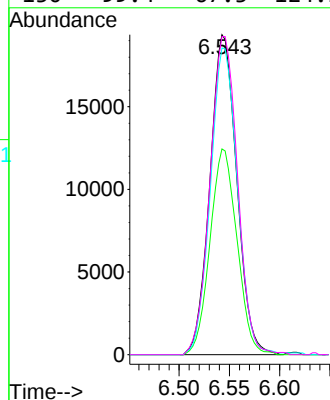
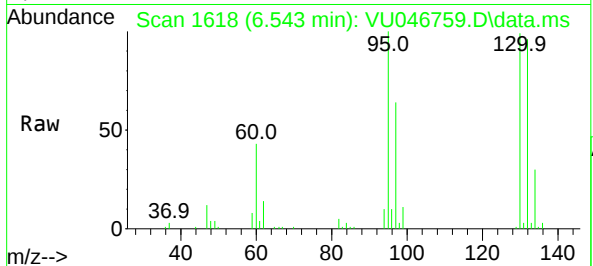




#34
Trichloroethene
Concen: 4.547 ug/L
RT: 6.543 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

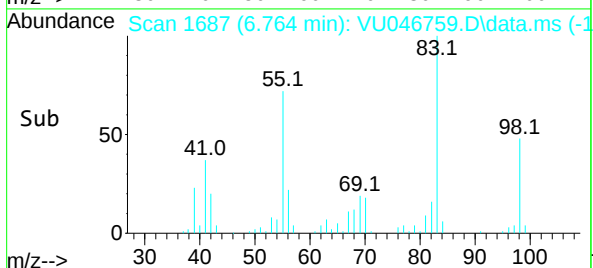
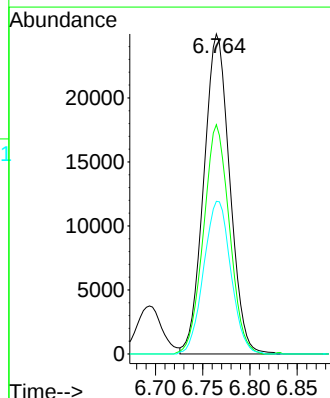
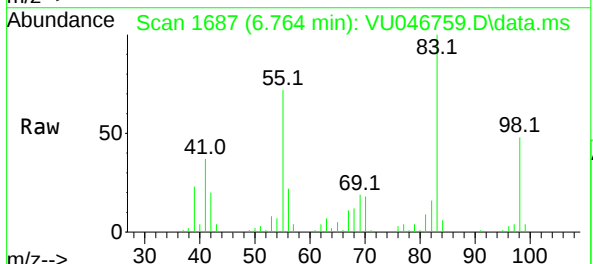
Instrument :
MSVOA_U
ClientSampleId :

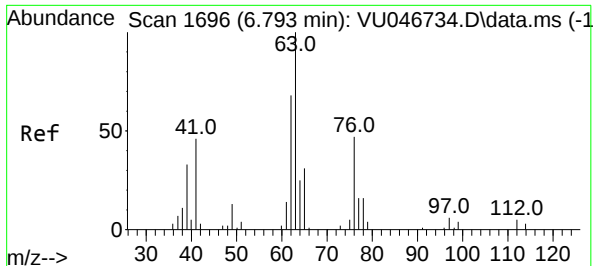
Tgt Ion: 95 Resp: 35975
Ion Ratio Lower Upper
95 100
97 64.3 46.5 86.5
132 95.9 65.1 120.9
130 99.4 67.3 124.9



#35
Methylcyclohexane
Concen: 4.286 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

Tgt Ion: 83 Resp: 47810
Ion Ratio Lower Upper
83 100
55 71.4 61.9 92.9
98 49.8 39.0 58.6





#37

1,2-Dichloropropane

Concen: 4.975 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU046759.D

Acq: 13 Jan 2022 17:02

Instrument :

MSVOA_U

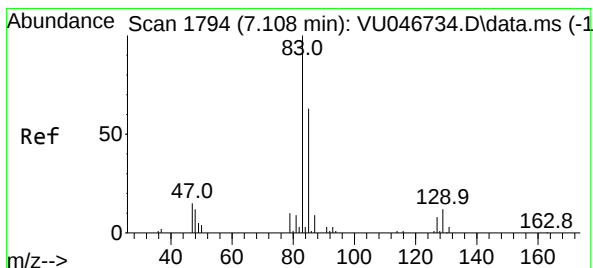
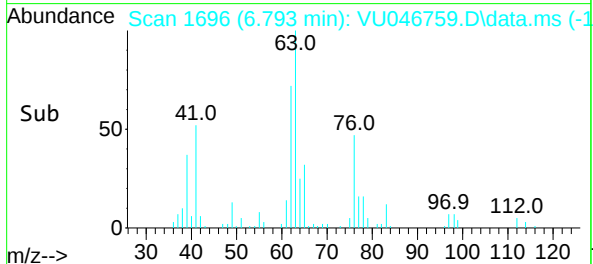
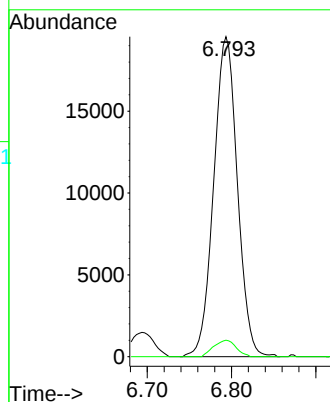
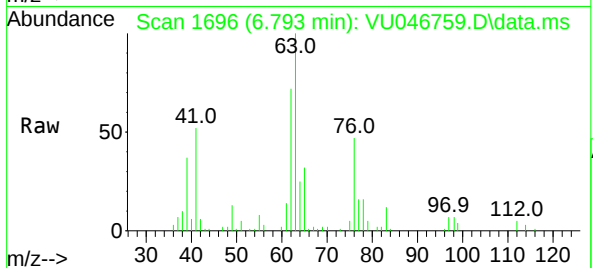
ClientSampleId :

Tgt Ion: 63 Resp: 38090

Ion Ratio Lower Upper

63 100

112 4.9 3.2 4.8#



#38

Bromodichloromethane

Concen: 4.993 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.003 min

Lab File: VU046759.D

Acq: 13 Jan 2022 17:02

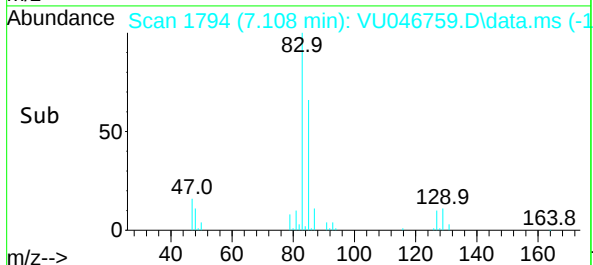
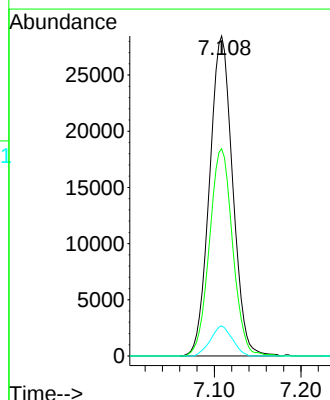
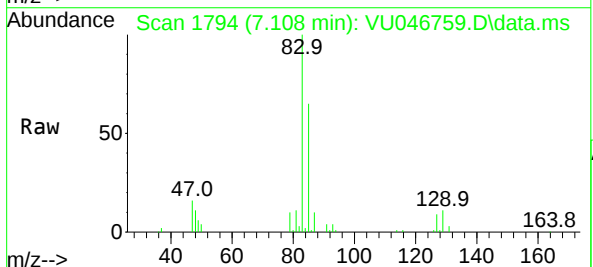
Tgt Ion: 83 Resp: 52910

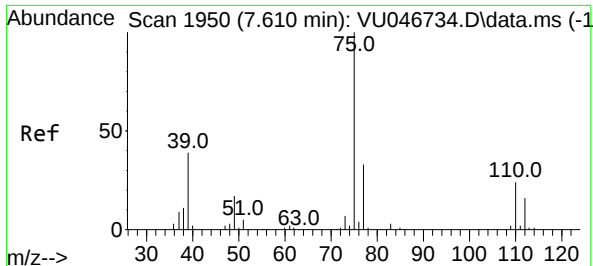
Ion Ratio Lower Upper

83 100

85 64.8 44.0 81.8

127 9.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.803 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU046759.D

Acq: 13 Jan 2022 17:02

Instrument :

MSVOA_U

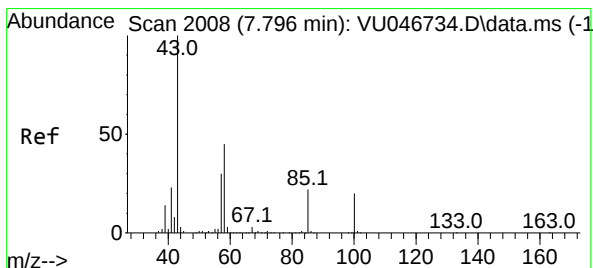
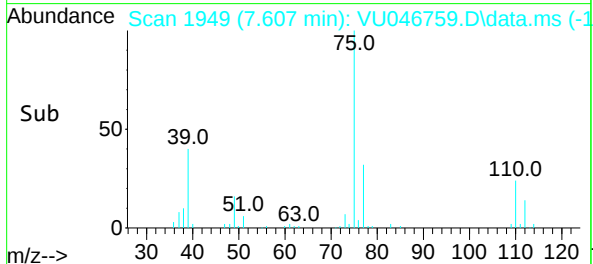
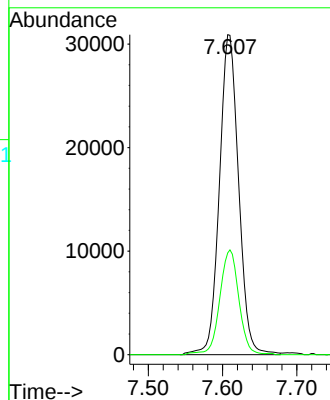
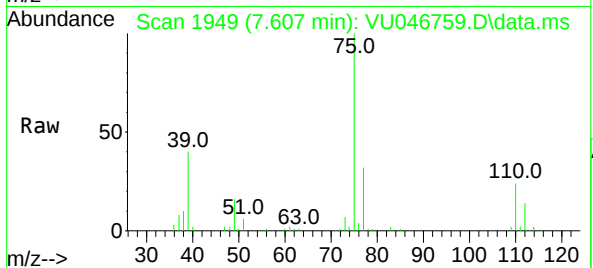
ClientSampleId :

Tgt Ion: 75 Resp: 55660

Ion Ratio Lower Upper

75 100

77 31.8 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 47.277 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU046759.D

Acq: 13 Jan 2022 17:02

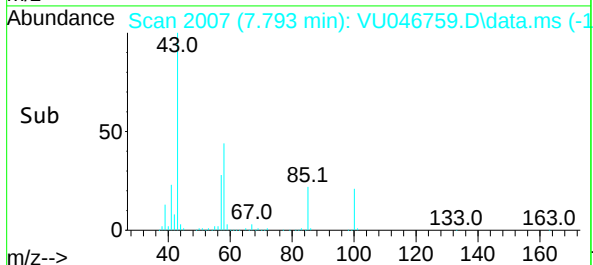
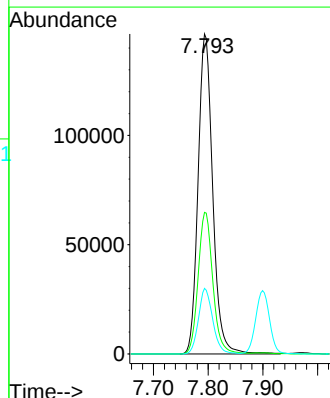
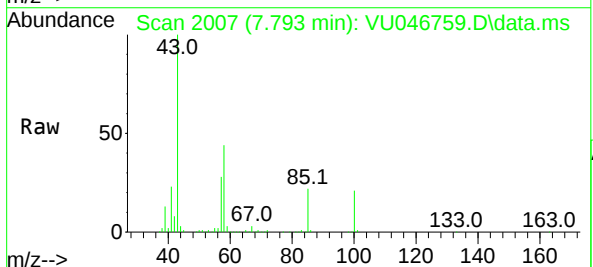
Tgt Ion: 43 Resp: 271711

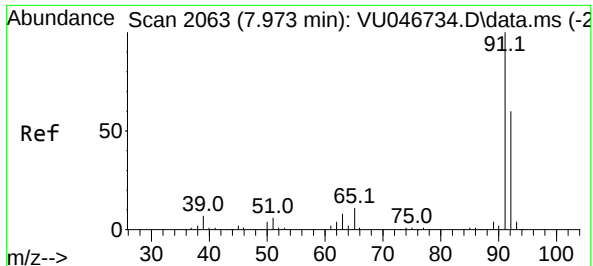
Ion Ratio Lower Upper

43 100

58 44.5 33.1 49.7

100 20.0 13.2 19.8#

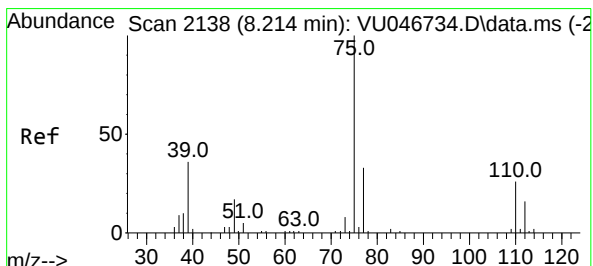
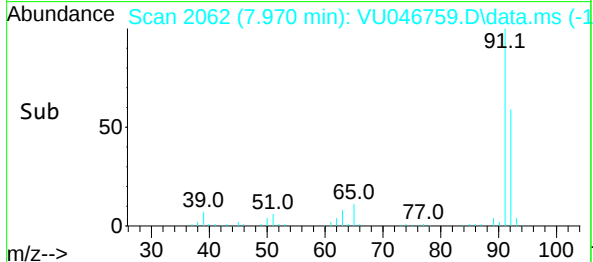
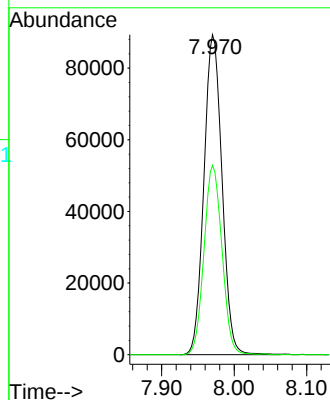
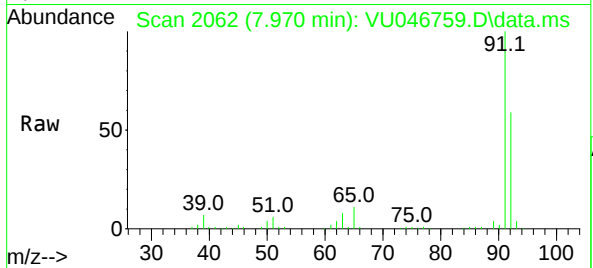




#42
Toluene
Concen: 5.021 ug/L
RT: 7.970 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

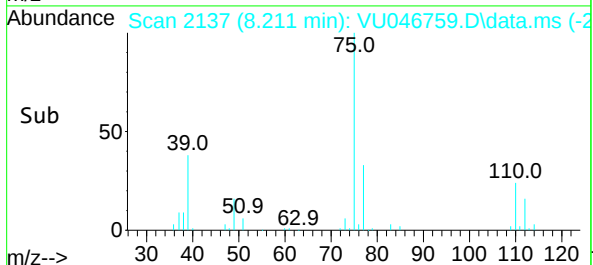
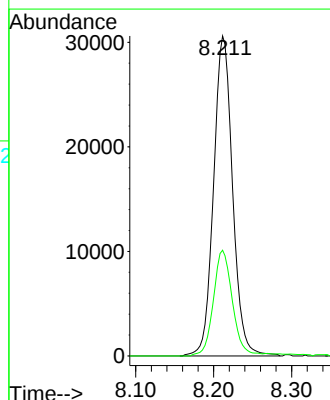
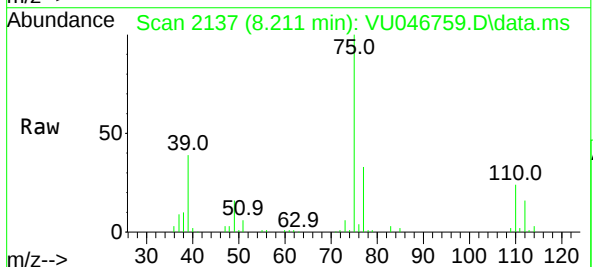
Instrument :
MSVOA_U
ClientSampleId :

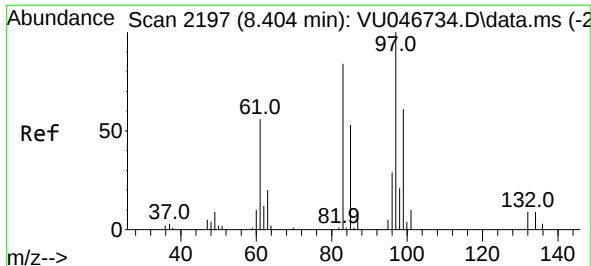
Tgt Ion: 91 Resp: 154697
Ion Ratio Lower Upper
91 100
92 59.2 41.3 76.7



#44
trans-1,3-Dichloropropene
Concen: 4.833 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

Tgt Ion: 75 Resp: 51905
Ion Ratio Lower Upper
75 100
77 33.0 22.7 42.3

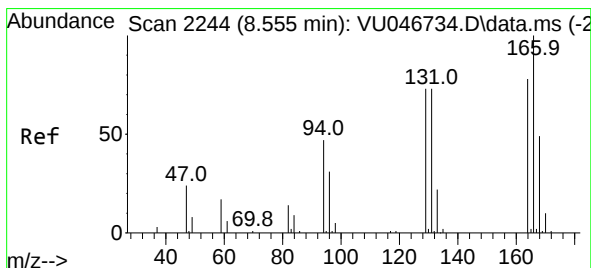
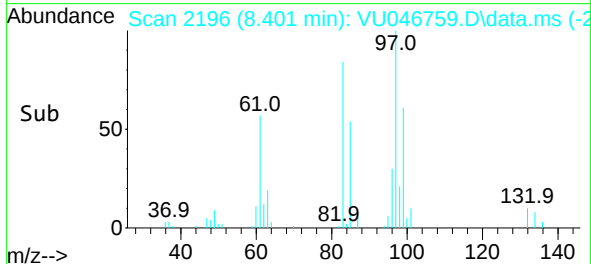
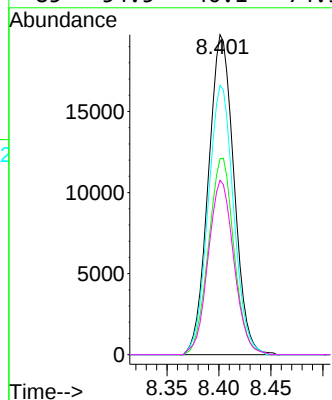
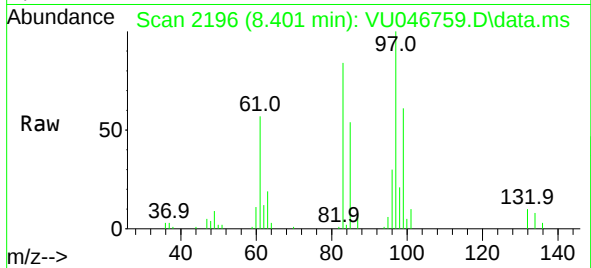




#45
1,1,2-Trichloroethane
Concen: 5.127 ug/L
RT: 8.401 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

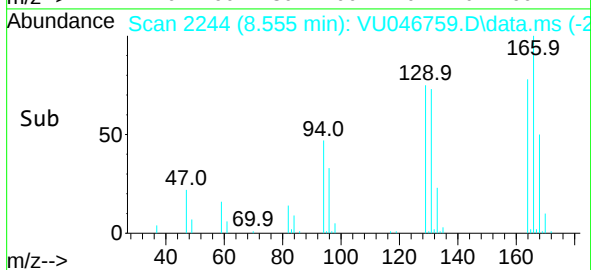
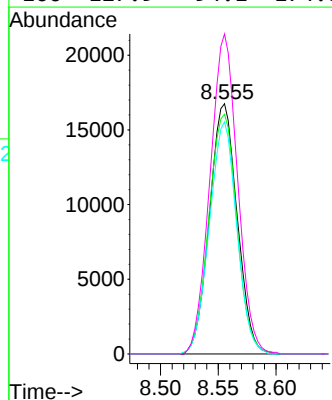
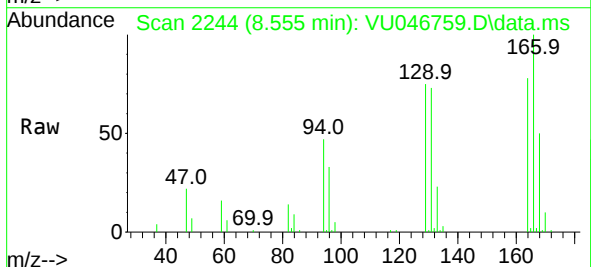
Instrument :
MSVOA_U
ClientSampleId :

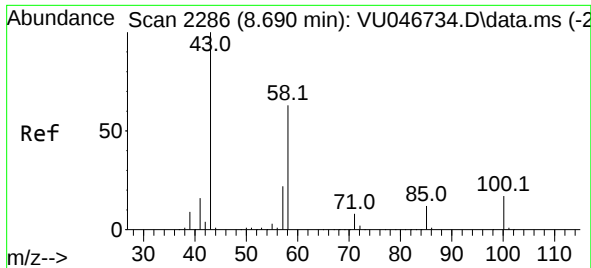
Tgt Ion: 97	Resp: 33855
Ion Ratio	Lower Upper
97 100	
99 61.2	42.3 78.5
83 84.2	62.0 115.2
85 54.5	40.1 74.5



#47
Tetrachloroethene
Concen: 5.005 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

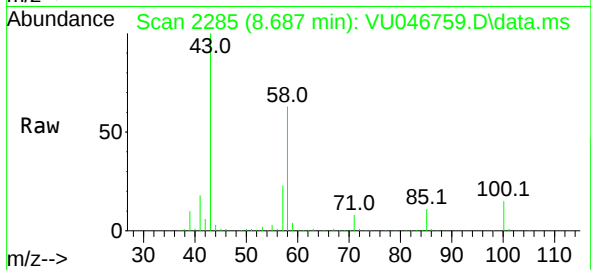
Tgt Ion: 164	Resp: 28022
Ion Ratio	Lower Upper
164 100	
129 95.8	71.8 133.4
131 92.8	68.5 127.3
166 127.9	94.1 174.8



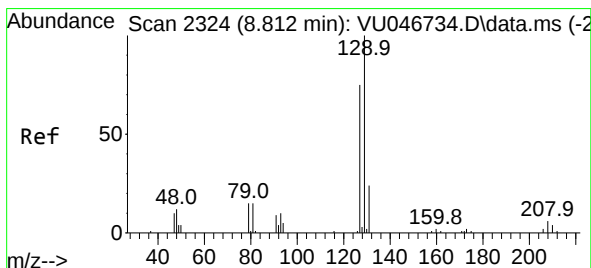
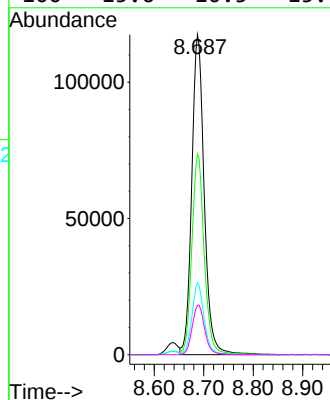
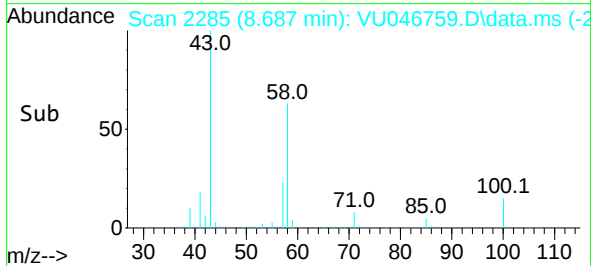


#48
2-Hexanone
Concen: 47.995 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

Instrument :
MSVOA_U
ClientSampleId :

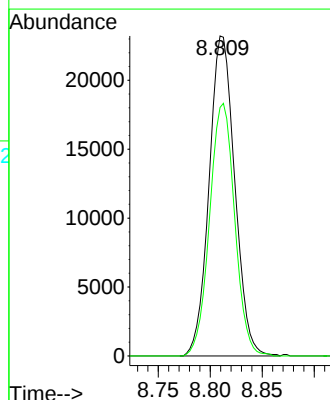
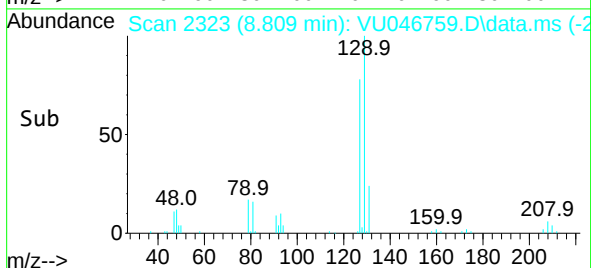
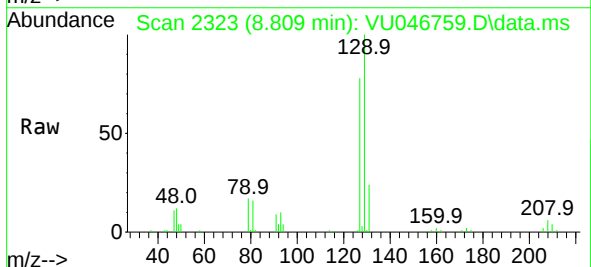


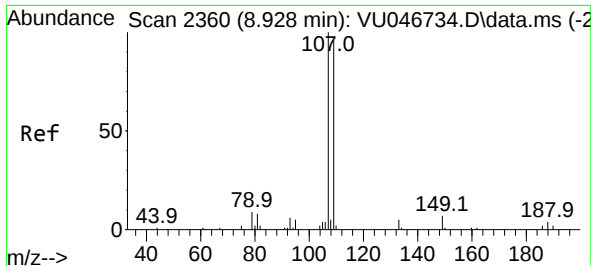
Tgt Ion:	43	Resp:	205998
Ion Ratio	100	Lower	Upper
58	62.3	46.7	70.1
57	21.7	16.3	24.5
100	15.6	10.5	15.7



#49
Dibromochloromethane
Concen: 5.231 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

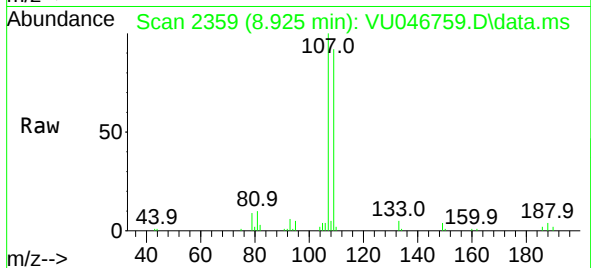
Tgt Ion:	129	Resp:	39836
Ion Ratio	100	Lower	Upper
127	77.6	55.4	102.8



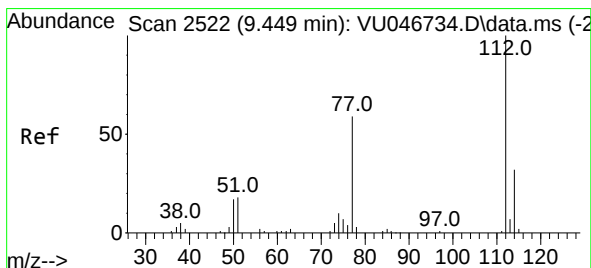
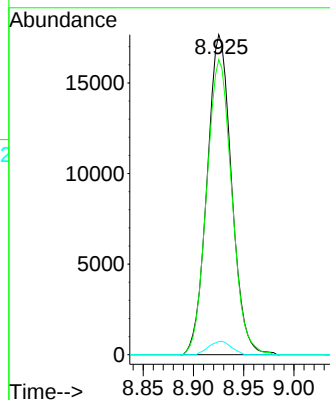
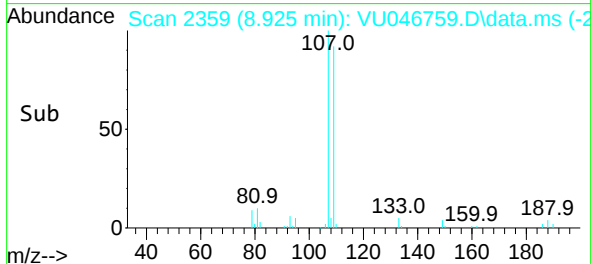


#50
1,2-Dibromoethane
Concen: 4.696 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

Instrument :
MSVOA_U
ClientSampleId :

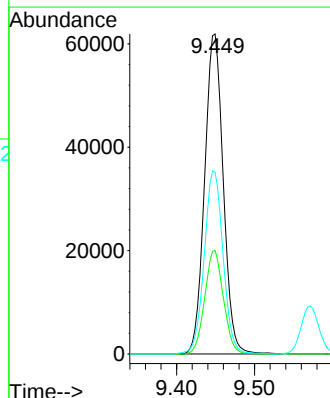
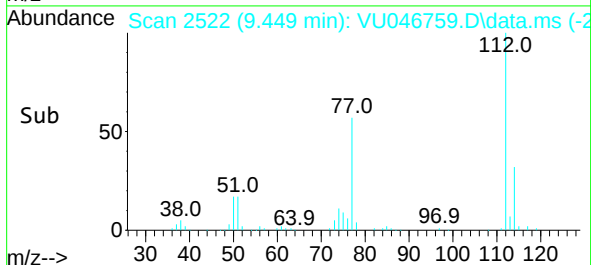
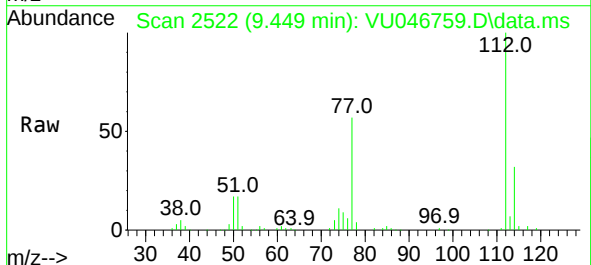


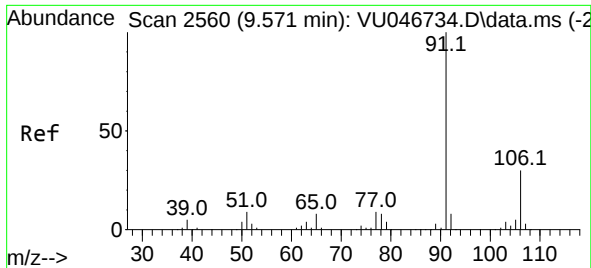
Tgt Ion:107 Resp: 29933
Ion Ratio Lower Upper
107 100
109 92.2 64.0 119.0
188 4.1 2.4 3.6#



#51
Chlorobenzene
Concen: 5.231 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

Tgt Ion:112 Resp: 103005
Ion Ratio Lower Upper
112 100
114 32.4 22.1 41.1
77 56.8 48.3 72.5

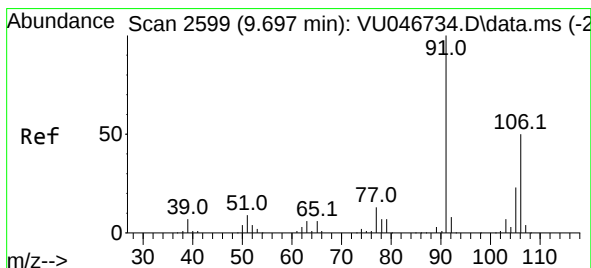
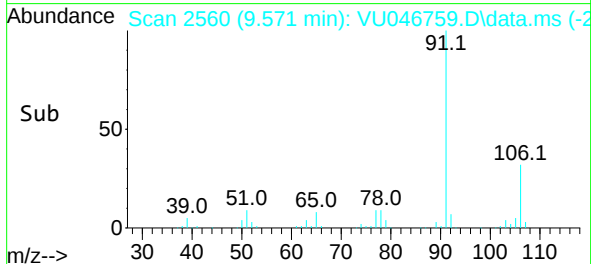
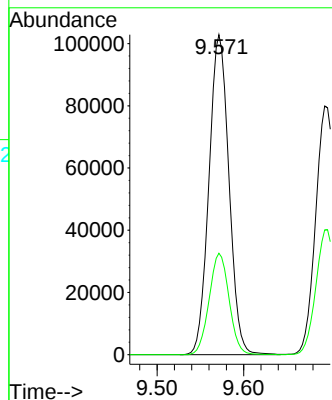
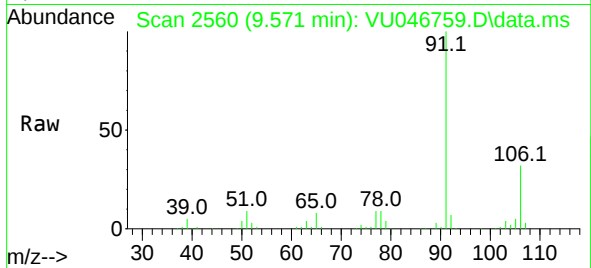




#52
Ethylbenzene
Concen: 5.177 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

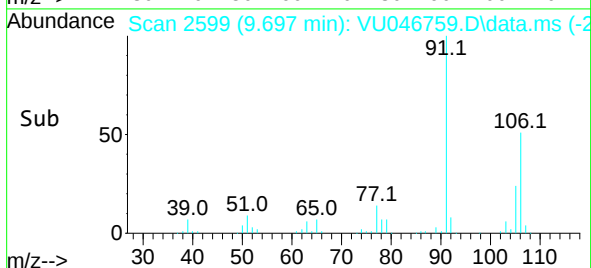
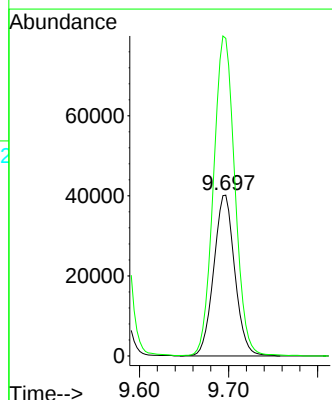
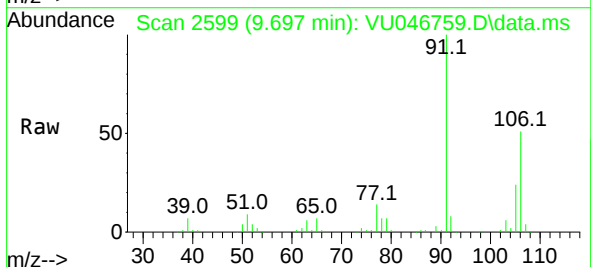
Instrument :
MSVOA_U
ClientSampleId :

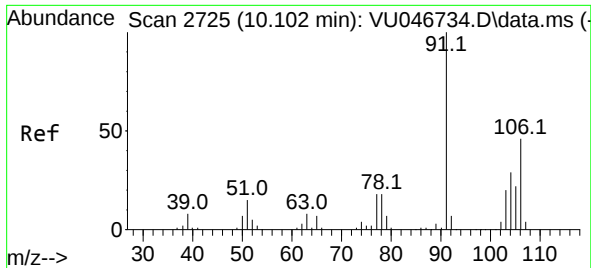
Tgt Ion: 91 Resp: 165082
Ion Ratio Lower Upper
91 100
106 31.7 21.5 39.9



#53
m,p-Xylene
Concen: 5.400 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

Tgt Ion:106 Resp: 65969
Ion Ratio Lower Upper
106 100
91 197.5 139.4 259.0

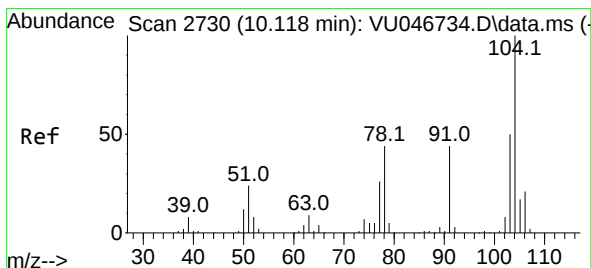
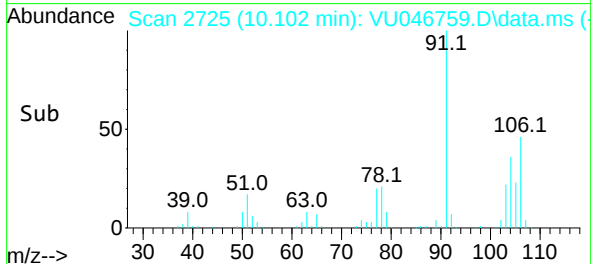
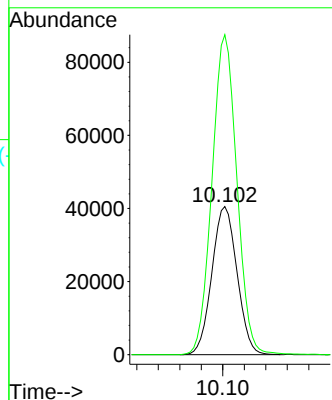
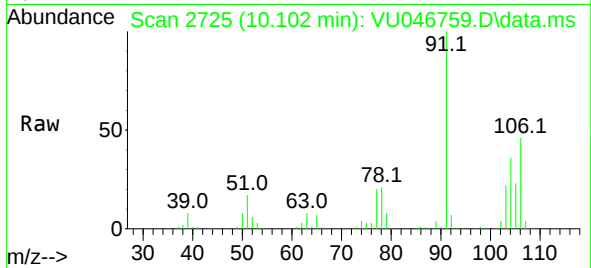




#54
o-Xylene
Concen: 5.612 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

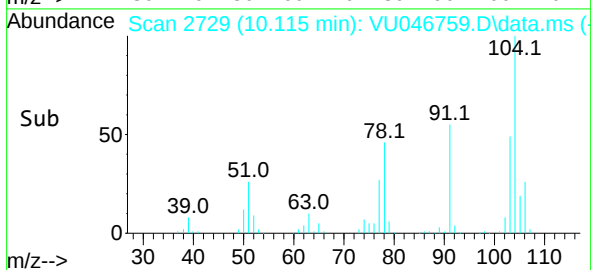
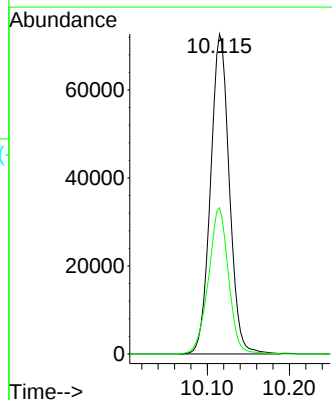
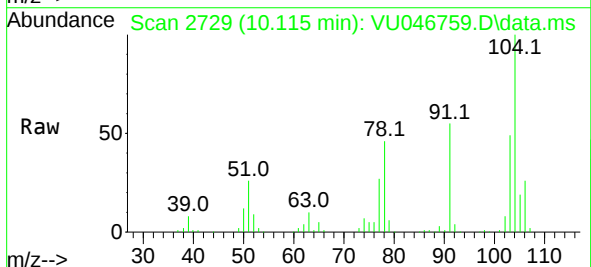
Instrument :
MSVOA_U
ClientSampleId :

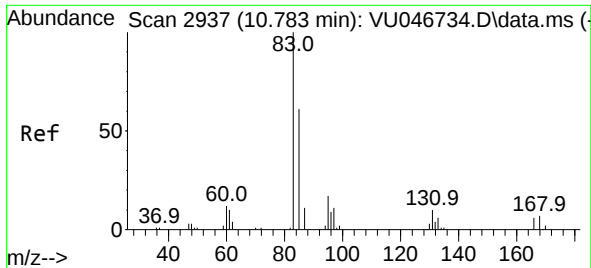
Tgt Ion:106 Resp: 65876
Ion Ratio Lower Upper
106 100
91 216.1 147.5 273.9



#55
Styrene
Concen: 5.698 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

Tgt Ion:104 Resp: 116022
Ion Ratio Lower Upper
104 100
78 45.7 33.0 61.4

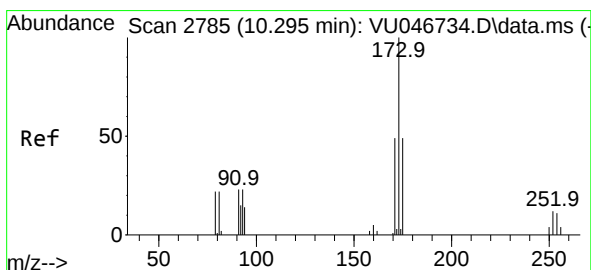
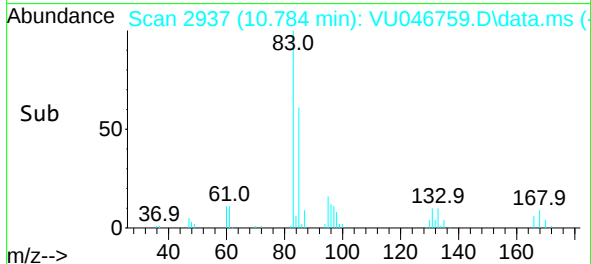
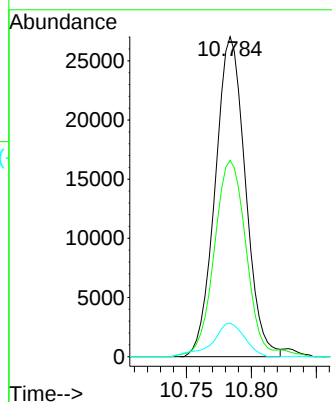
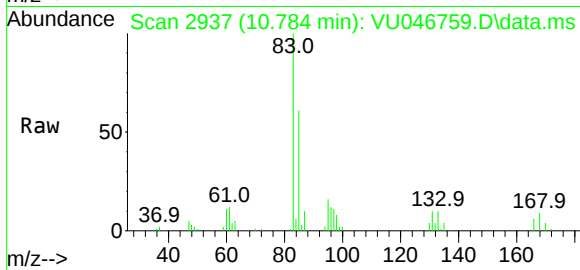




#57
1,1,2,2-Tetrachloroethane
Concen: 5.057 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

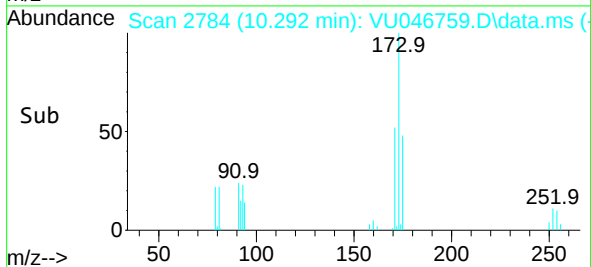
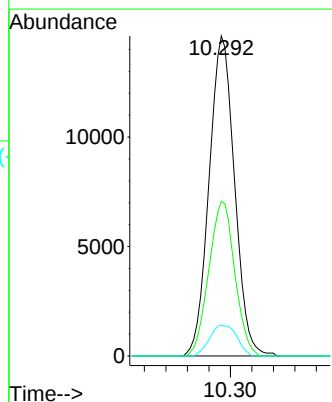
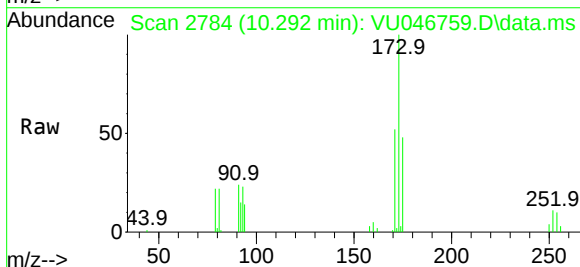
Instrument :
MSVOA_U
ClientSampleId :

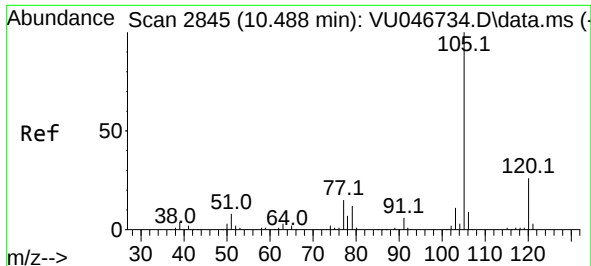
Tgt Ion: 83 Resp: 43633
Ion Ratio Lower Upper
83 100
85 61.4 47.9 89.1
131 10.5 8.1 12.1



#59
Bromoform
Concen: 4.751 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

Tgt Ion:173 Resp: 23993
Ion Ratio Lower Upper
173 100
175 49.1 37.8 56.6
254 10.3 7.3 10.9

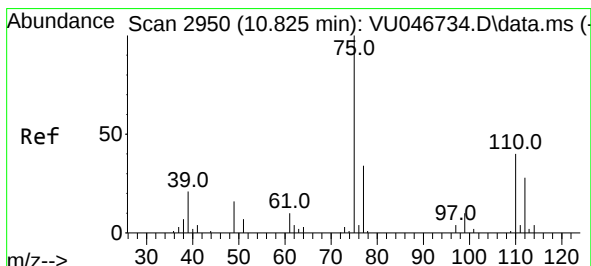
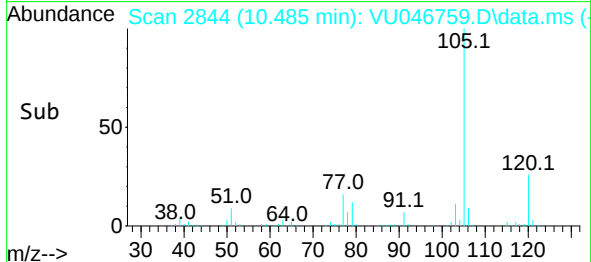
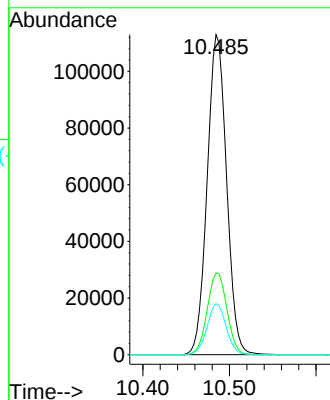
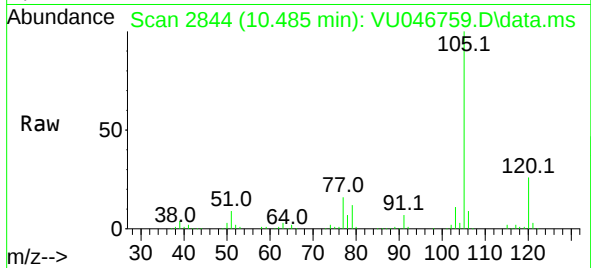




#60
Isopropylbenzene
Concen: 5.210 ug/L
RT: 10.485 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

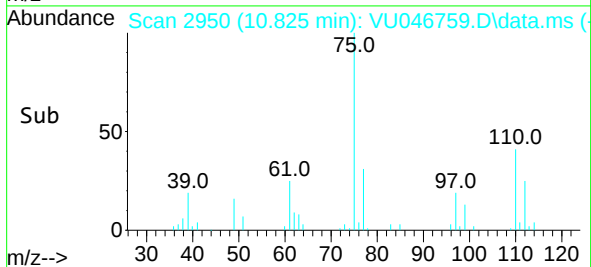
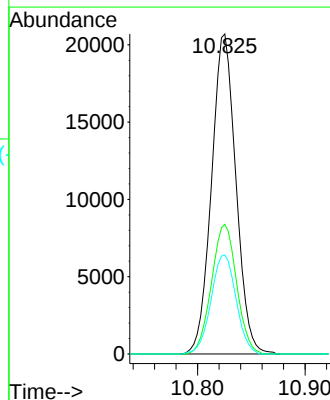
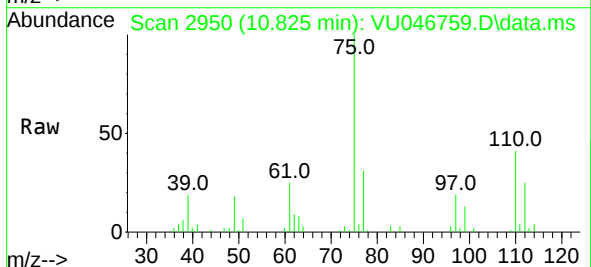
Instrument :
MSVOA_U
ClientSampleId :

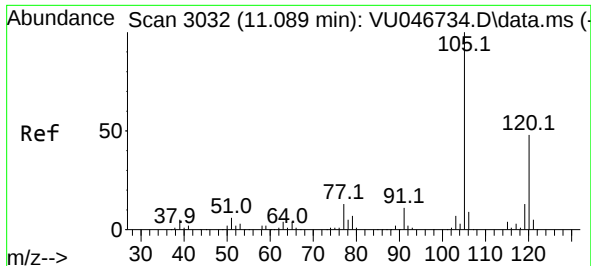
Tgt Ion:105 Resp: 175622
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.490 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

Tgt Ion: 75 Resp: 32599
Ion Ratio Lower Upper
75 100
110 41.6 29.9 44.9
77 31.7 25.5 38.3

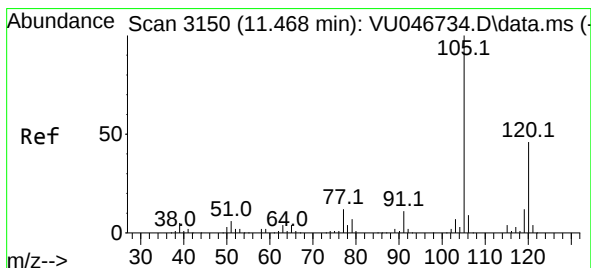
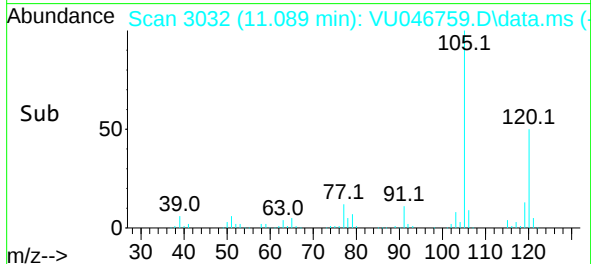
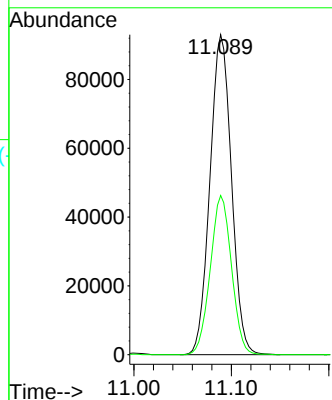
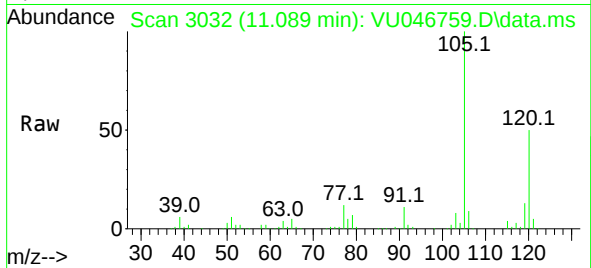




#62
1,3,5-Trimethylbenzene
Concen: 5.087 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

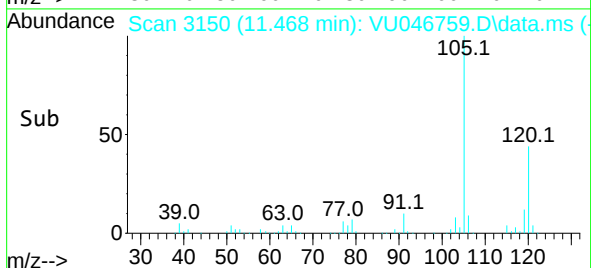
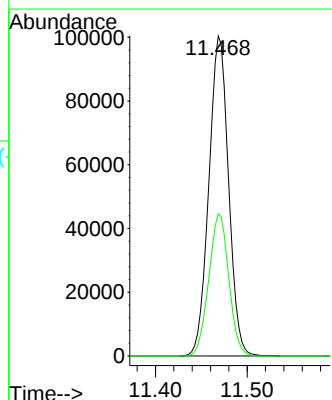
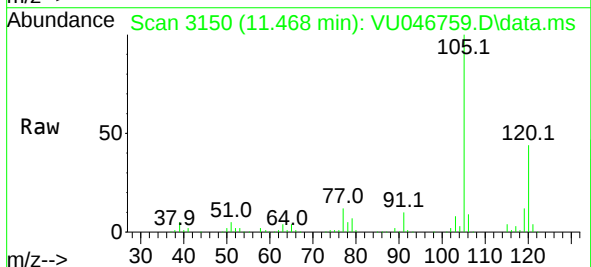
Instrument :
MSVOA_U
ClientSampleId :

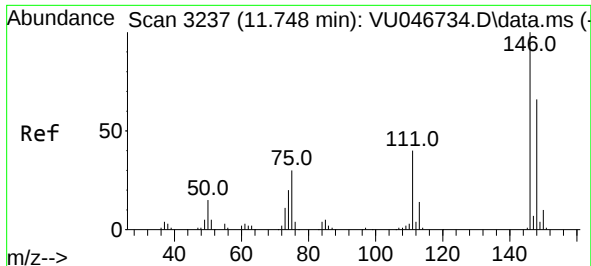
Tgt Ion:105 Resp: 142633
Ion Ratio Lower Upper
105 100
120 49.1 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 5.300 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

Tgt Ion:105 Resp: 149640
Ion Ratio Lower Upper
105 100
120 45.1 35.8 53.8

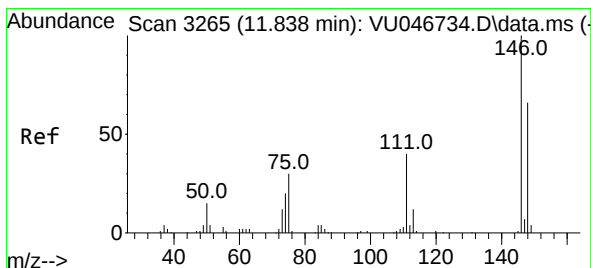
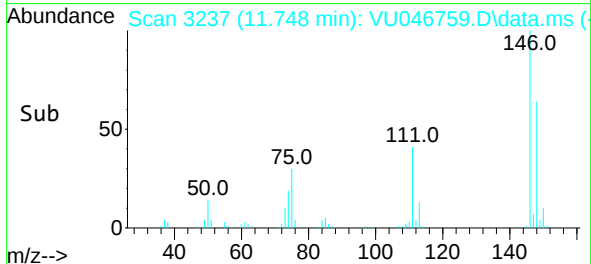
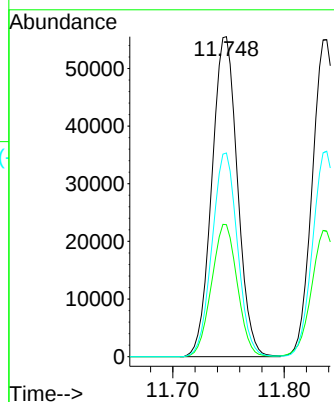
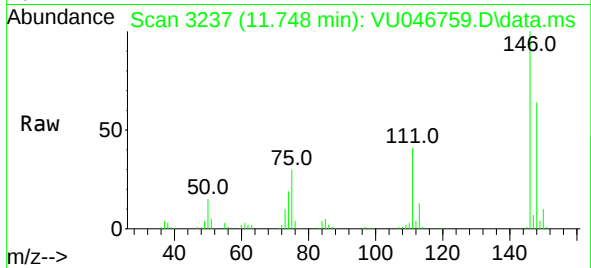




#64
1,3-Dichlorobenzene
Concen: 5.423 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.003 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

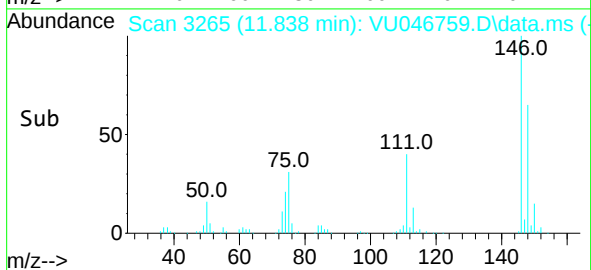
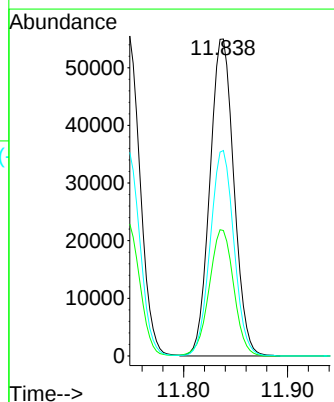
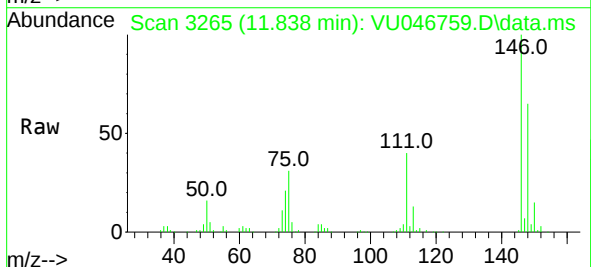
Instrument :
MSVOA_U
ClientSampleId :

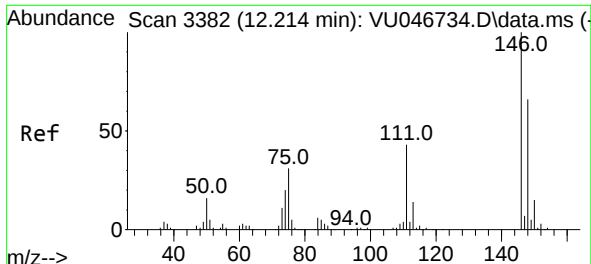
Tgt Ion:146 Resp: 88865
Ion Ratio Lower Upper
146 100
111 41.2 29.9 55.5
148 63.6 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.271 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

Tgt Ion:146 Resp: 88433
Ion Ratio Lower Upper
146 100
111 39.6 28.7 53.3
148 64.8 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.218 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. 0.003 min

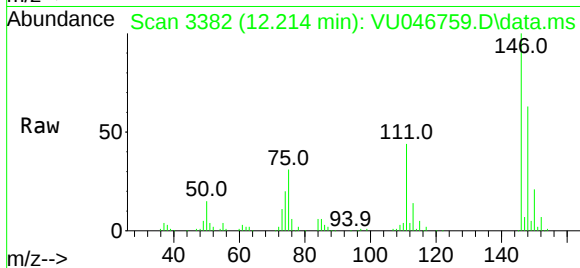
Lab File: VU046759.D

Acq: 13 Jan 2022 17:02

Instrument :

MSVOA_U

ClientSampleId :



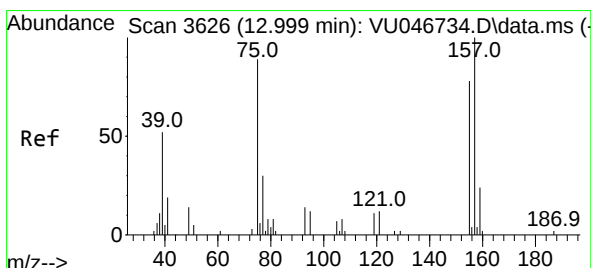
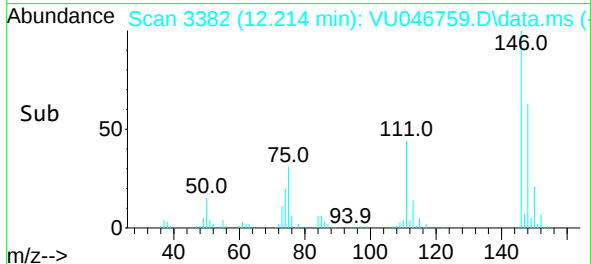
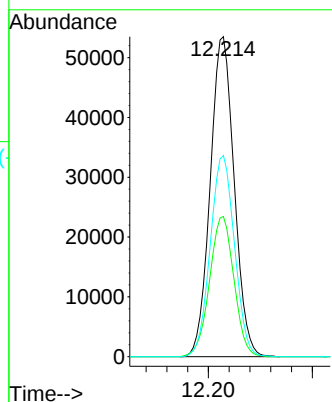
Tgt Ion:146 Resp: 85762

Ion Ratio Lower Upper

146 100

111 43.8 35.4 53.0

148 62.8 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.273 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU046759.D

Acq: 13 Jan 2022 17:02

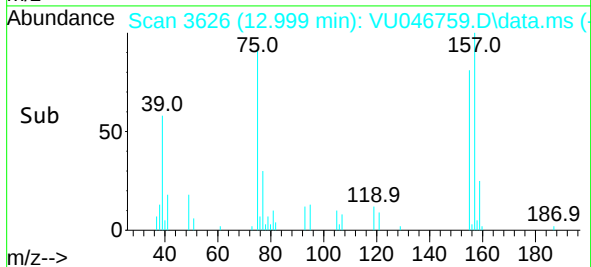
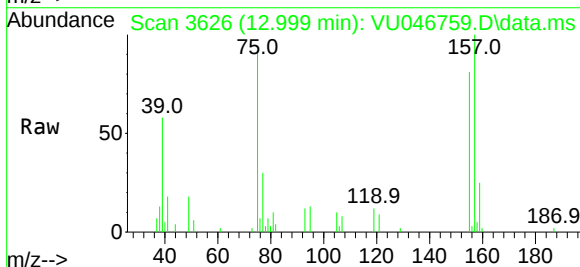
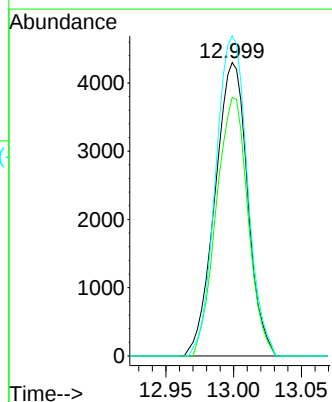
Tgt Ion: 75 Resp: 7180

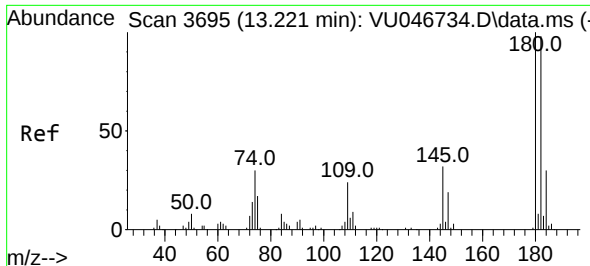
Ion Ratio Lower Upper

75 100

155 88.1 59.2 88.8

157 109.0 76.5 114.7





#69

1,3,5-Trichlorobenzene

Concen: 5.540 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.000 min

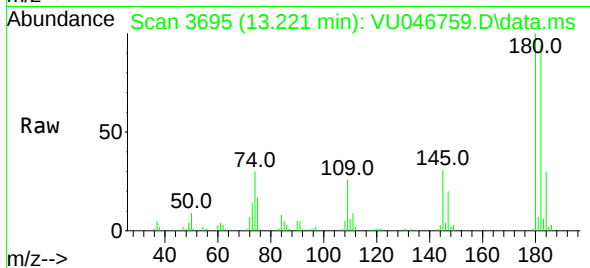
Lab File: VU046759.D

Acq: 13 Jan 2022 17:02

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 68709

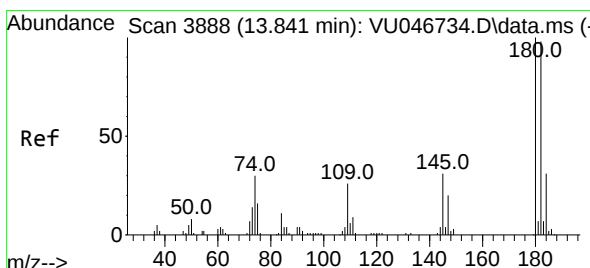
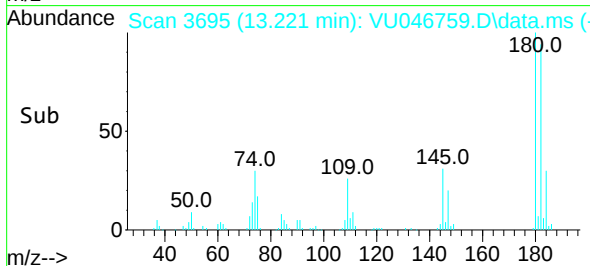
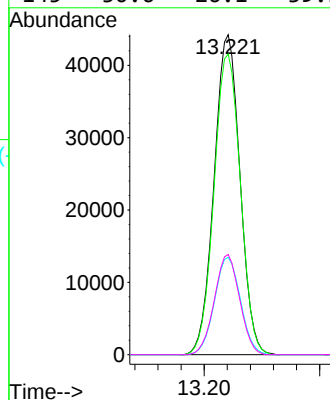
Ion Ratio Lower Upper

180 100

182 95.7 76.1 114.1

184 30.6 25.0 37.4

145 30.6 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 5.384 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU046759.D

Acq: 13 Jan 2022 17:02

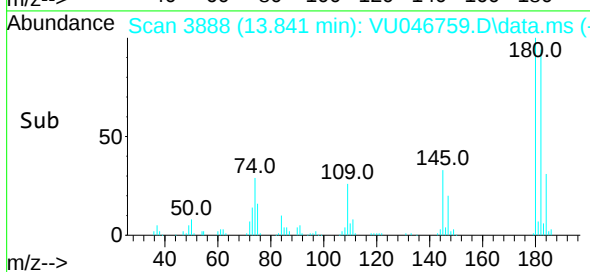
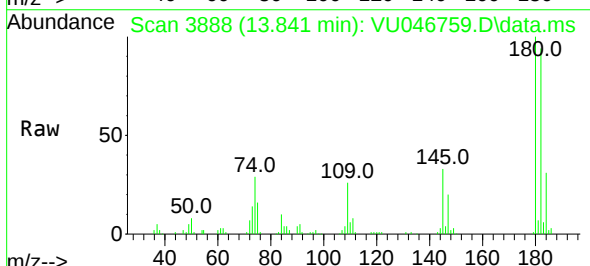
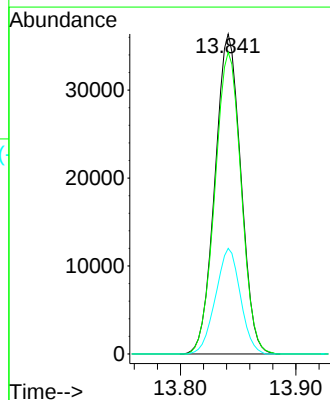
Tgt Ion:180 Resp: 56557

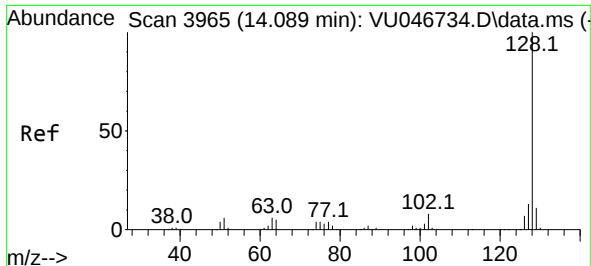
Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

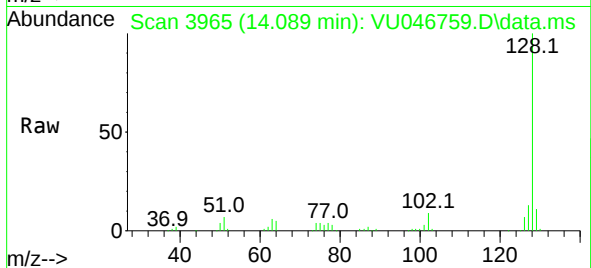
145 31.7 25.6 38.4



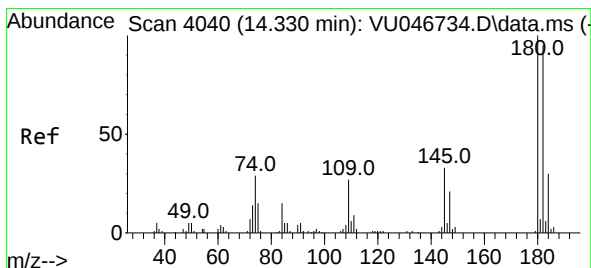
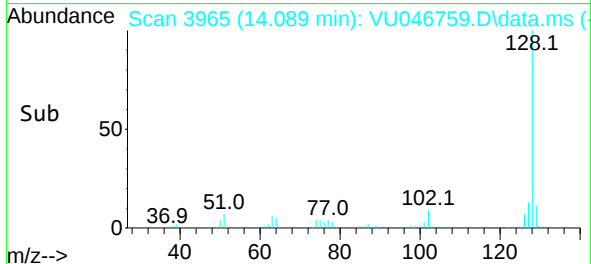
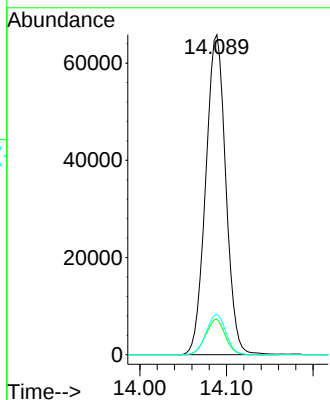


#71
Naphthalene
Concen: 4.551 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 106162
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 12.4 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.321 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU046759.D
Acq: 13 Jan 2022 17:02

Tgt Ion:180 Resp: 55335
Ion Ratio Lower Upper
180 100
182 95.5 76.2 114.4
145 32.9 28.4 42.6

