

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U020722\
 Data File : U047059.D
 Acq On : 07 Feb 2022 09:55
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 07 22:26:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 05 01:18:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	107713	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	127306	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	71370	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	58759	4.252	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.919	69	48372	4.535	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.575	65	24136	4.880	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.600%
20) 2-Butanone-d5	4.649	46	133333	48.258	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.520%
24) Chloroform-d	5.070	84	100792	4.573	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.707	65	51742	4.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.732	84	197092	4.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.694	67	58930	4.237	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.903	98	184399	4.662	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	8.182	79	23792	4.489	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.636	63	118118	48.114	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.220%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	56260	4.738	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	62488	4.300	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	42837	4.363	ug/L	99
3) Chloromethane	1.527	50	51302	4.241	ug/L	99
5) Vinyl chloride	1.610	62	53249	4.373	ug/L	100
6) Bromomethane	1.864	94	31126	4.616	ug/L	98
8) Chloroethane	1.941	64	33297	4.608	ug/L	96
9) Trichlorofluoromethane	2.147	101	70772	4.597	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	42160	4.651	ug/L	98
12) 1,1-Dichloroethene	2.588	96	39710	4.966	ug/L	90
13) Acetone	2.671	43	79779	50.032	ug/L	63
14) Carbon disulfide	2.800	76	113266	4.523	ug/L	100
15) Methyl Acetate	2.967	43	16128	4.871	ug/L	100
16) Methylene chloride	3.054	84	43657	4.318	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	80491	4.576	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	37562	4.498	ug/L	96
19) 1,1-Dichloroethane	3.877	63	70744	4.556	ug/L	96
21) 2-Butanone	4.729	43	110802	48.488	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	39840	4.542	ug/L	97
23) Bromochloromethane	4.980	128	20470	4.838	ug/L	96
25) Chloroform	5.092	83	75867	4.292	ug/L	98

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 ClientSampleId :

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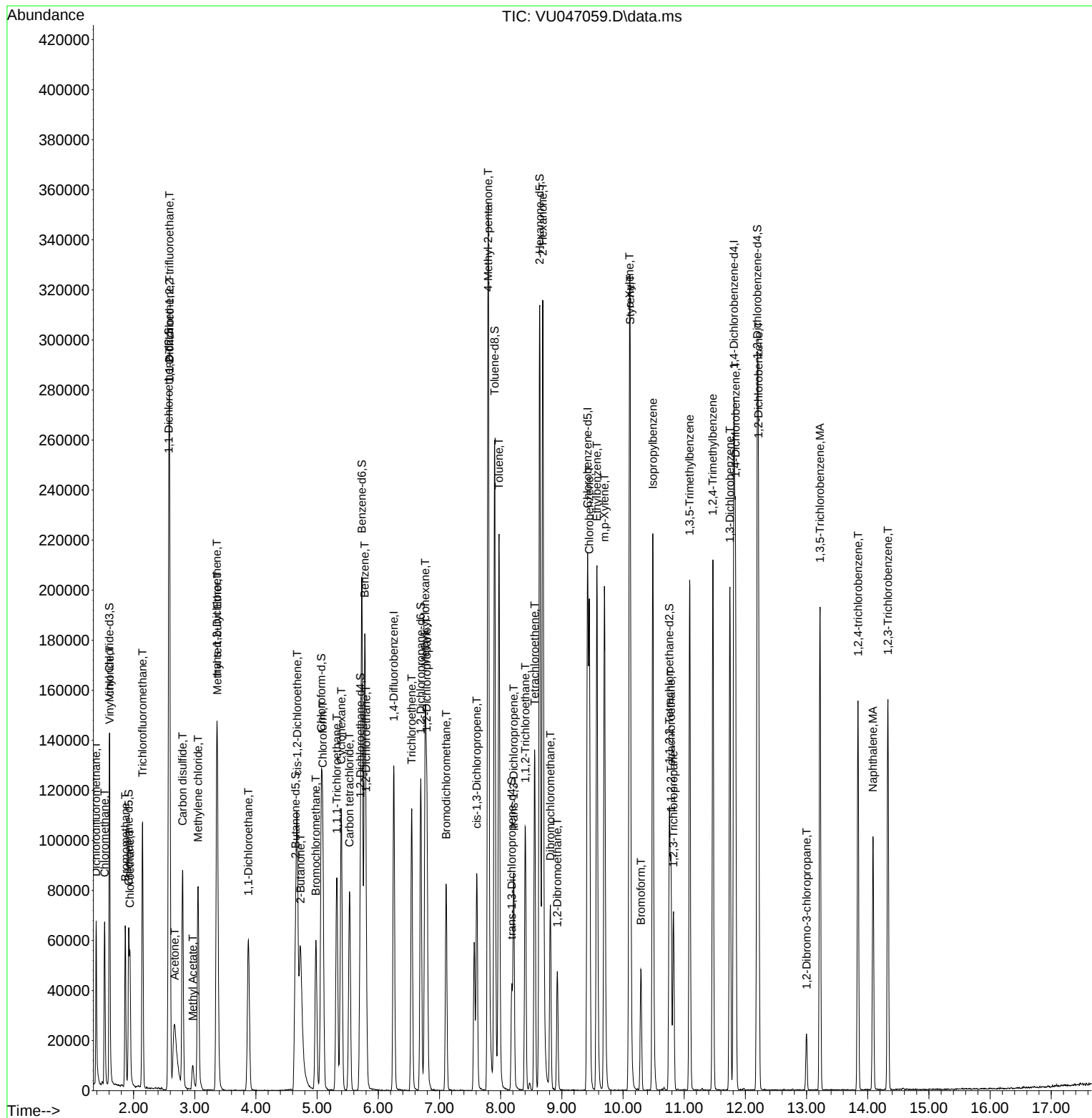
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	47373	4.672	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	64207	4.412	ug/L	99
30) Cyclohexane	5.395	56	49052	4.176	ug/L	97
31) Carbon tetrachloride	5.530	117	55850	4.494	ug/L	95
33) Benzene	5.777	78	162146	4.535	ug/L	100
34) Trichloroethene	6.546	95	39375	4.356	ug/L	98
35) Methylcyclohexane	6.768	83	52309	4.175	ug/L	97
37) 1,2-Dichloropropane	6.793	63	41571	4.397	ug/L	98
38) Bromodichloromethane	7.108	83	54075	4.403	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	52229	4.254	ug/L	98
40) 4-Methyl-2-pentanone	7.797	43	244505	48.419	ug/L	99
42) Toluene	7.973	91	173713	4.729	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	51206	4.668	ug/L	95
45) 1,1,2-Trichloroethane	8.404	97	33331	4.739	ug/L	96
47) Tetrachloroethene	8.555	164	31591	4.504	ug/L	98
48) 2-Hexanone	8.687	43	205351	52.807	ug/L	98
49) Dibromochloromethane	8.813	129	38917	4.736	ug/L	99
50) 1,2-Dibromoethane	8.925	107	30557	4.703	ug/L	97
51) Chlorobenzene	9.449	112	107623	4.464	ug/L	98
52) Ethylbenzene	9.575	91	161363	4.371	ug/L	100
53) m,p-Xylene	9.697	106	64094	4.466	ug/L	97
54) o-Xylene	10.105	106	60203	4.512	ug/L	96
55) Styrene	10.118	104	108892	4.638	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.784	83	42917	4.689	ug/L	99
59) Bromoform	10.292	173	21641	4.789	ug/L	99
60) Isopropylbenzene	10.488	105	155939	4.430	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	31148	4.678	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	112906	4.180	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	116374	4.243	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	84753	4.506	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	85119	4.381	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	81040	4.465	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	6301	4.586	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	59025	4.180	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	47350	4.117	ug/L	98
71) Naphthalene	14.086	128	81503	4.095	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	46856	4.269	ug/L	97

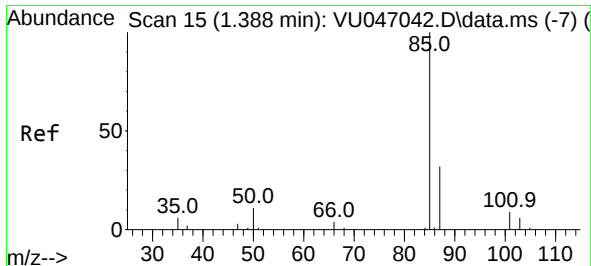
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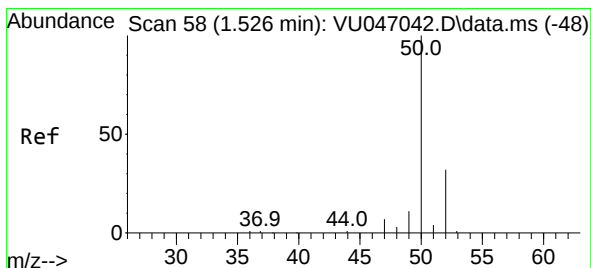
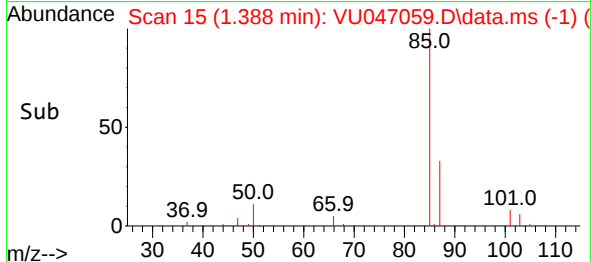
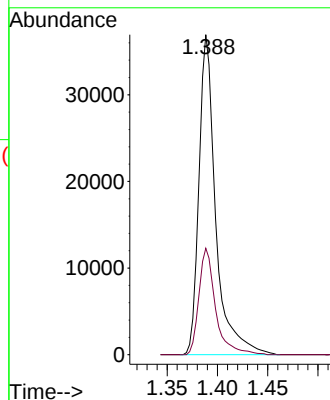
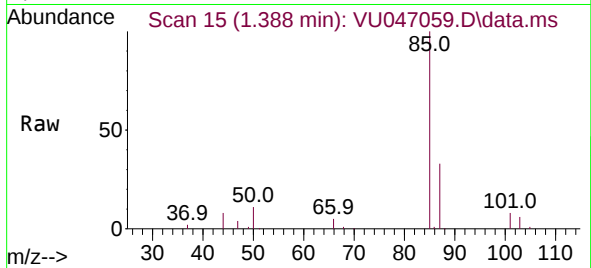




#2
 Dichlorodifluoromethane
 Concen: 4.363 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU047059.D
 Acq: 07 Feb 2022 09:55

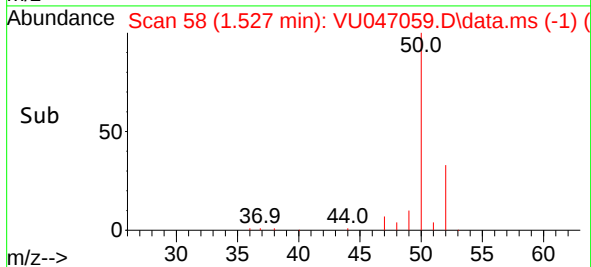
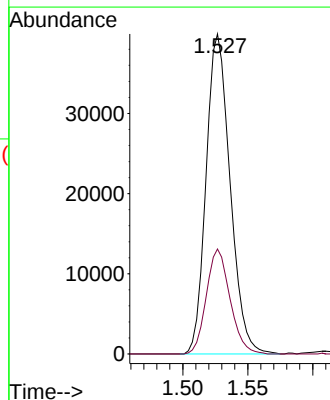
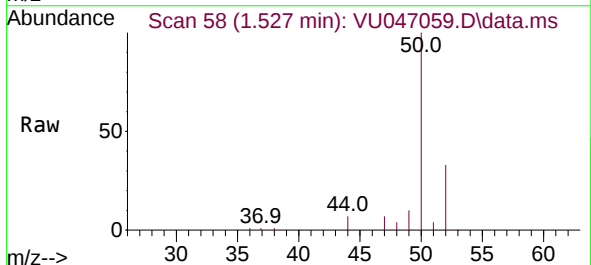
Instrument :
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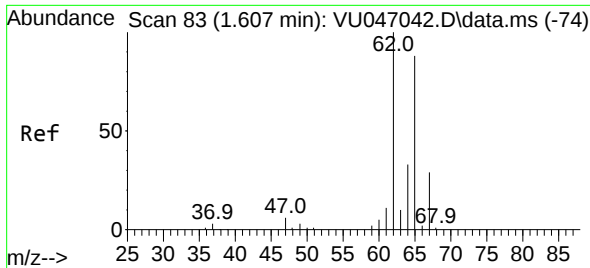
Tgt Ion: 85 Resp: 42837
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.9 38.9



#3
 Chloromethane
 Concen: 4.241 ug/L
 RT: 1.527 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: VU047059.D
 Acq: 07 Feb 2022 09:55

Tgt Ion: 50 Resp: 51302
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.7 42.3

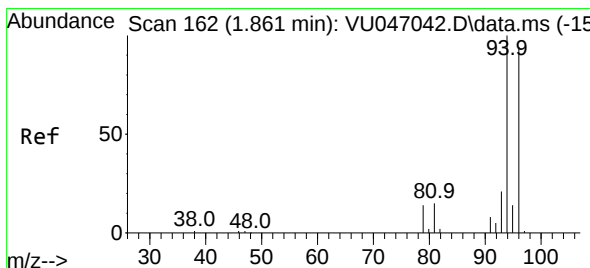
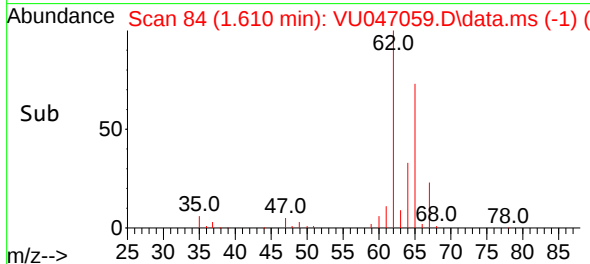
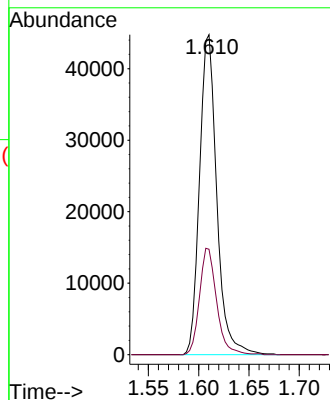
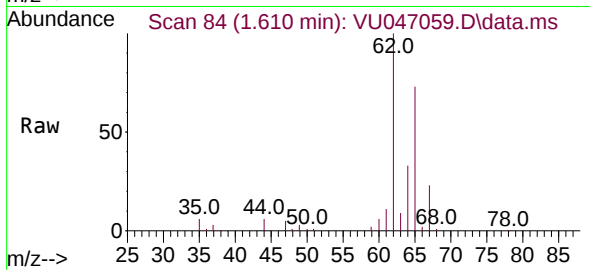




#5
 Vinyl chloride
 Concen: 4.373 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VU047059.D
 Acq: 07 Feb 2022 09:55

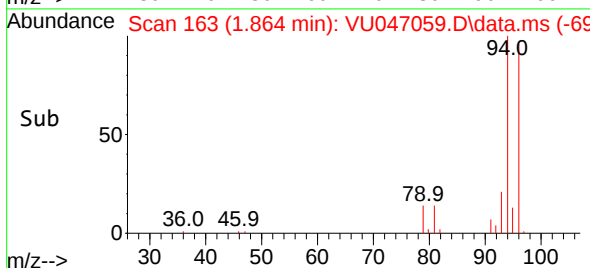
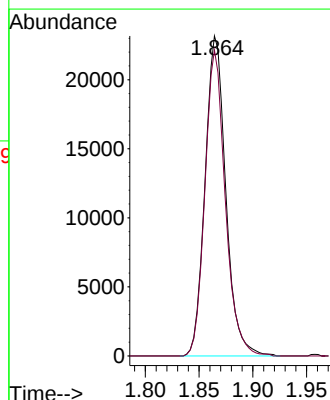
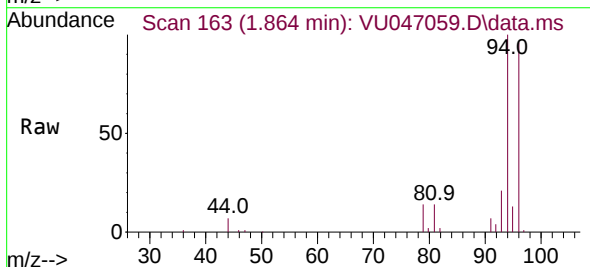
Instrument :
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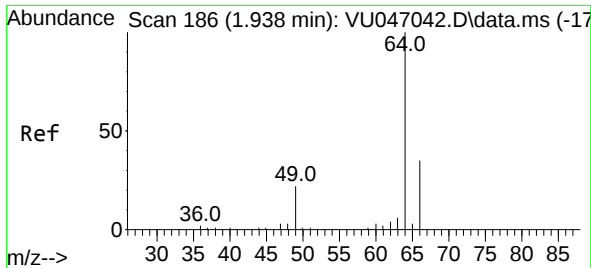
Tgt Ion: 62 Resp: 53249
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.1 42.9



#6
 Bromomethane
 Concen: 4.616 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU047059.D
 Acq: 07 Feb 2022 09:55

Tgt Ion: 94 Resp: 31126
 Ion Ratio Lower Upper
 94 100
 96 95.6 65.6 121.8

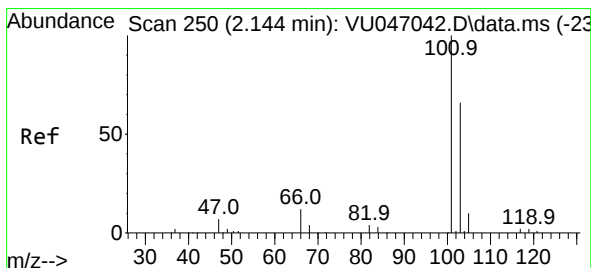
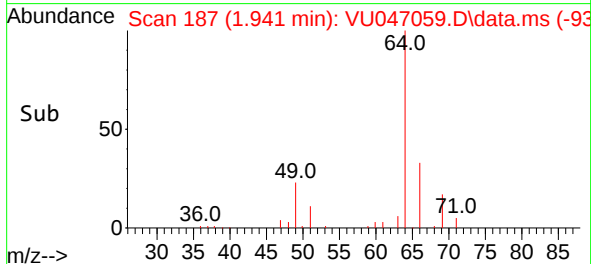
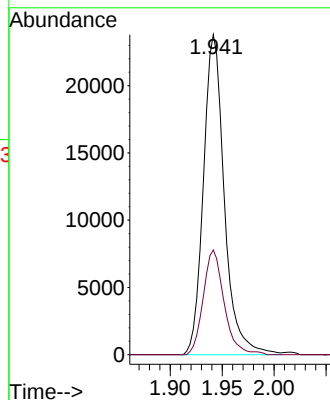
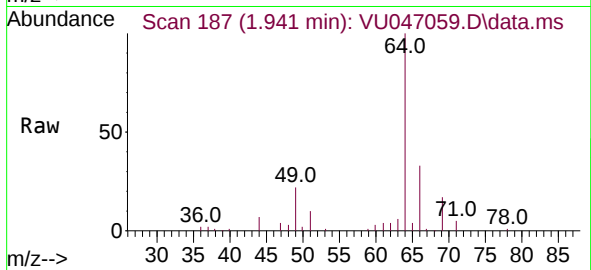




#8
Chloroethane
Concen: 4.608 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU047059.D
Acq: 07 Feb 2022 09:55

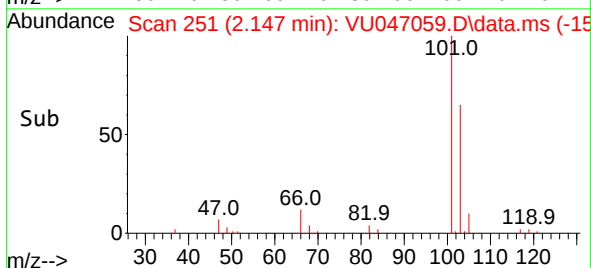
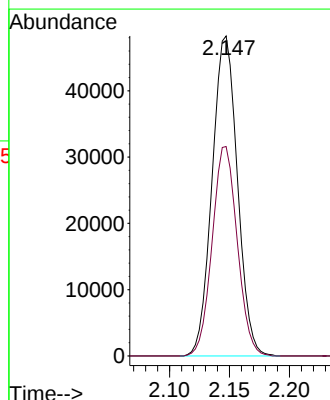
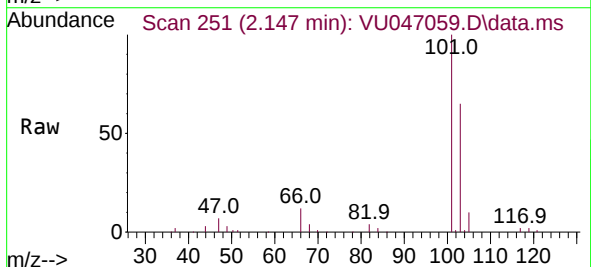
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MSVOA_U
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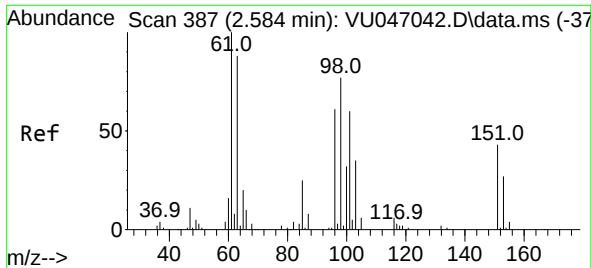
Tgt Ion: 64 Resp: 33297
Ion Ratio Lower Upper
64 100
66 32.8 24.4 45.4



#9
Trichlorofluoromethane
Concen: 4.597 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU047059.D
Acq: 07 Feb 2022 09:55

Tgt Ion:101 Resp: 70772
Ion Ratio Lower Upper
101 100
103 64.8 51.7 77.5

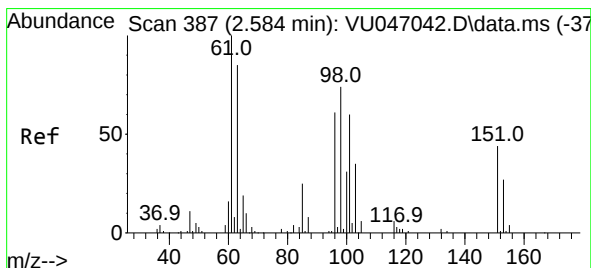
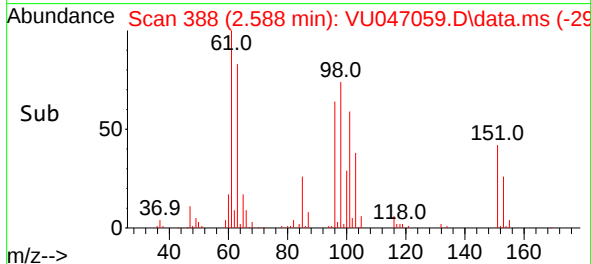
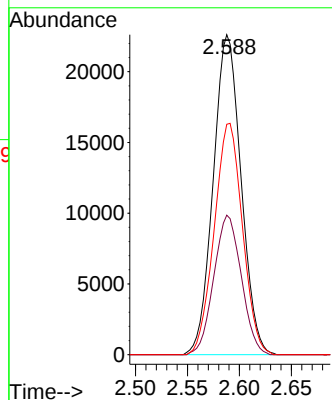
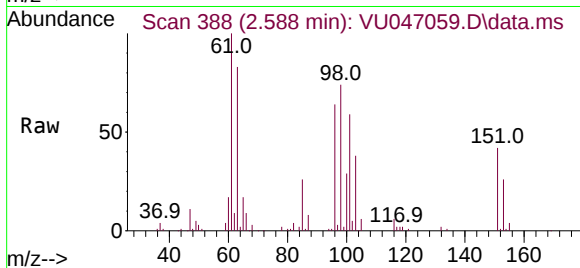




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.651 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU047059.D
Acq: 07 Feb 2022 09:55

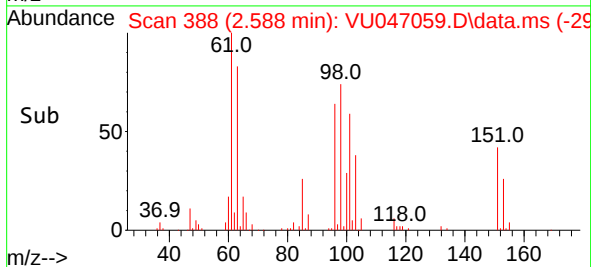
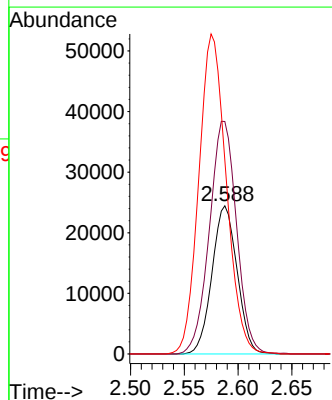
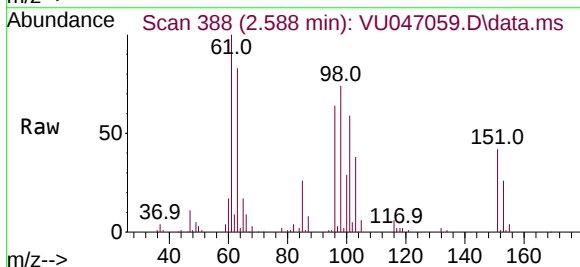
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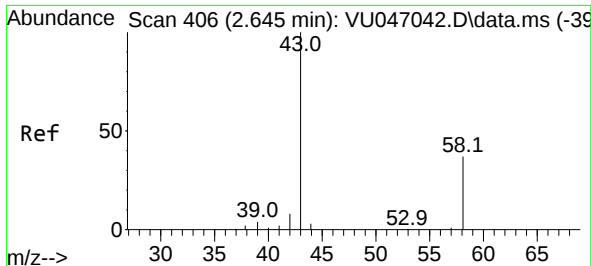
Tgt Ion:101 Resp: 42160
Ion Ratio Lower Upper
101 100
85 43.0 33.8 50.6
151 73.3 57.2 85.8



#12
1,1-Dichloroethene
Concen: 4.966 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU047059.D
Acq: 07 Feb 2022 09:55

Tgt Ion: 96 Resp: 39710
Ion Ratio Lower Upper
96 100
61 156.9 115.5 214.5
63 130.8 103.6 192.4





#13

Acetone

Concen: 50.032 ug/L

RT: 2.671 min Scan# 41

Delta R.T. 0.026 min

Lab File: VU047059.D

Acq: 07 Feb 2022 09:55

Instrument :

MSVOA_U

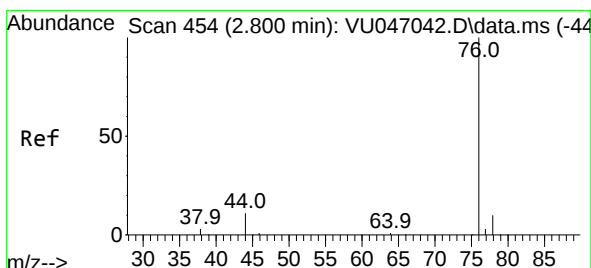
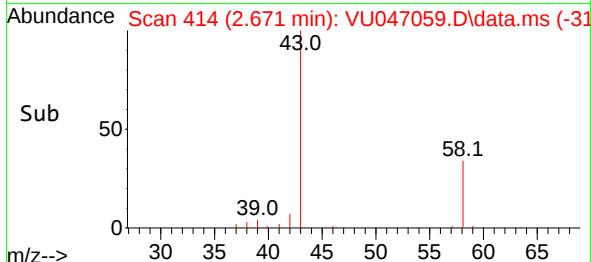
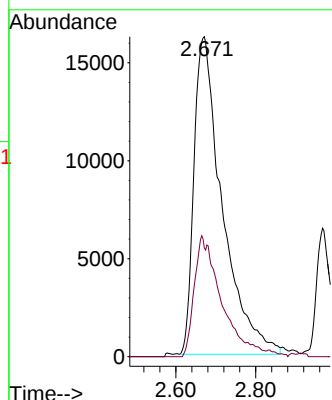
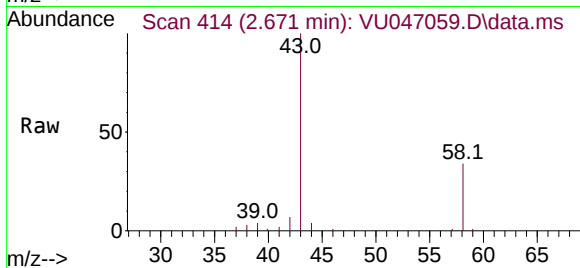
ClientSampleId :

Tgt Ion: 43 Resp: 79779

Ion Ratio Lower Upper

43 100

58 15.0 0.0 74.0



#14

Carbon disulfide

Concen: 4.523 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047059.D

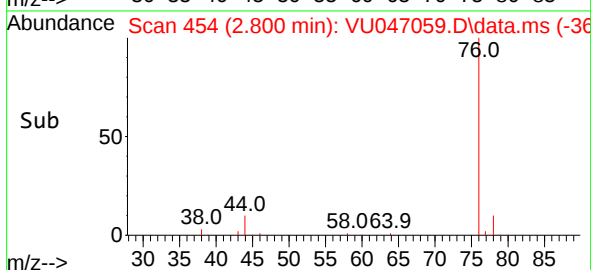
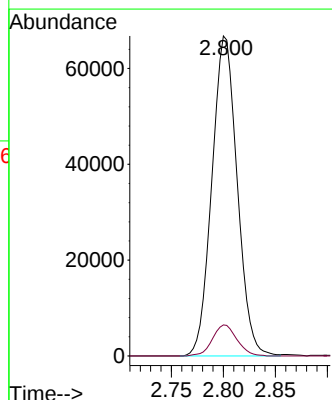
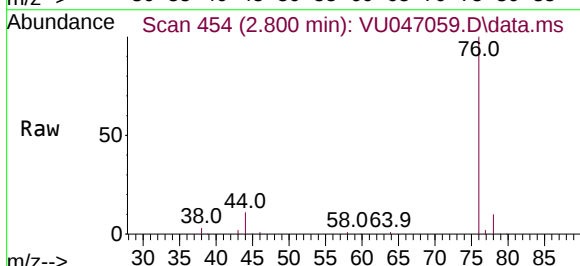
Acq: 07 Feb 2022 09:55

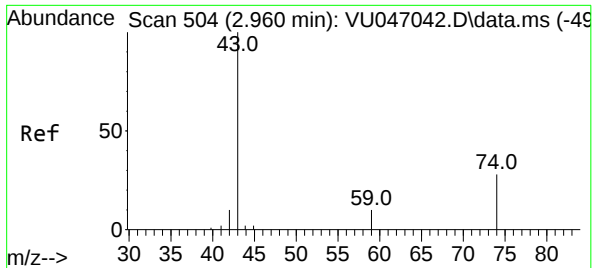
Tgt Ion: 76 Resp: 113266

Ion Ratio Lower Upper

76 100

78 9.7 7.8 11.6

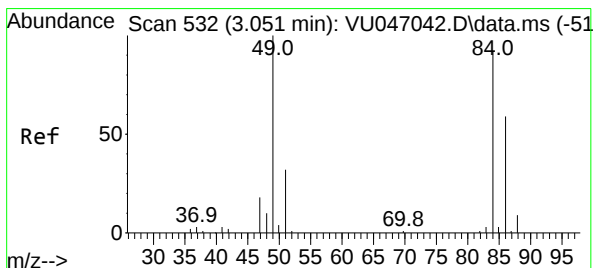
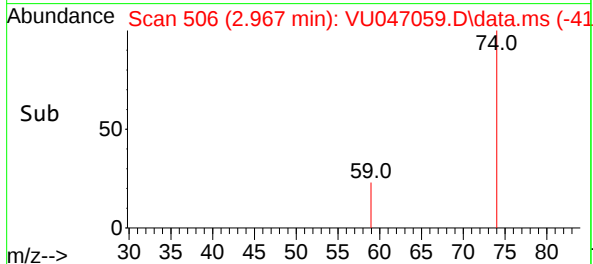
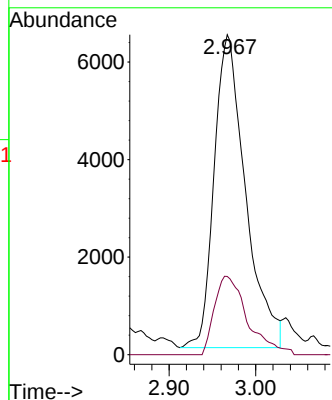
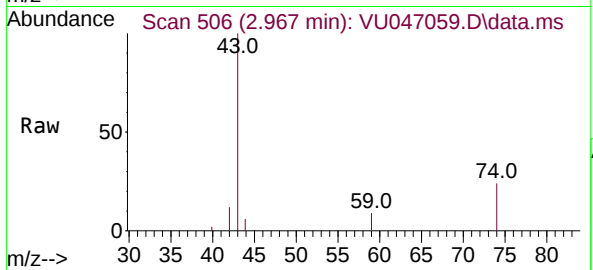




#15
Methyl Acetate
Concen: 4.871 ug/L
RT: 2.967 min Scan# 504
Delta R.T. 0.007 min
Lab File: VU047059.D
Acq: 07 Feb 2022 09:55

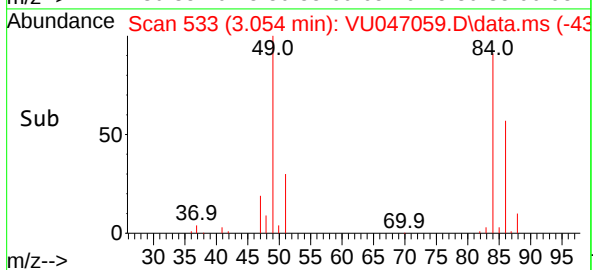
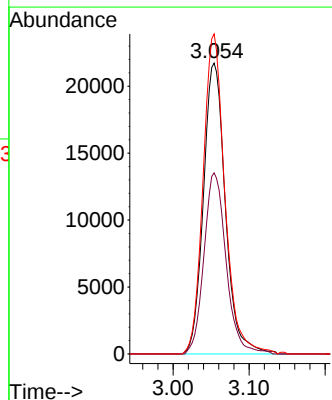
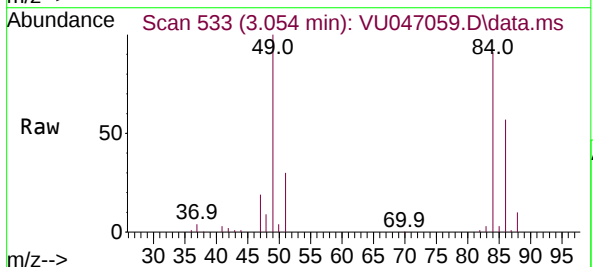
Instrument :
MSVOA_U
ClientSampleId :

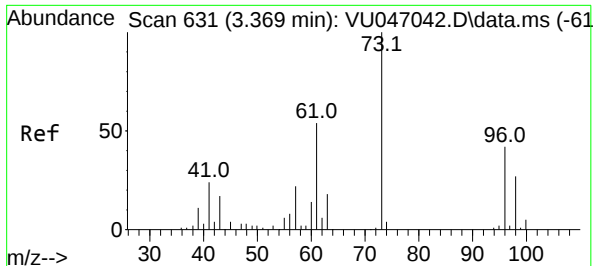
Tgt Ion: 43 Resp: 16128
Ion Ratio Lower Upper
43 100
74 26.4 21.0 31.4



#16
Methylene chloride
Concen: 4.318 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU047059.D
Acq: 07 Feb 2022 09:55

Tgt Ion: 84 Resp: 43657
Ion Ratio Lower Upper
84 100
86 62.3 45.1 83.7
49 110.0 76.4 141.8





#17

Methyl tert-butyl Ether

Concen: 4.576 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU047059.D

Acq: 07 Feb 2022 09:55

Instrument :

MSVOA_U

ClientSampleId :

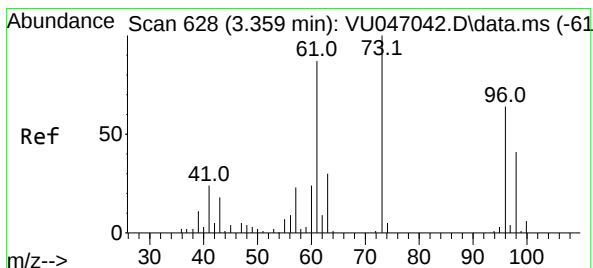
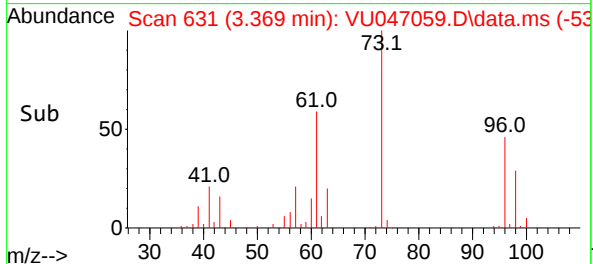
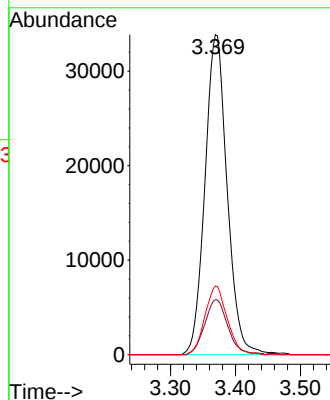
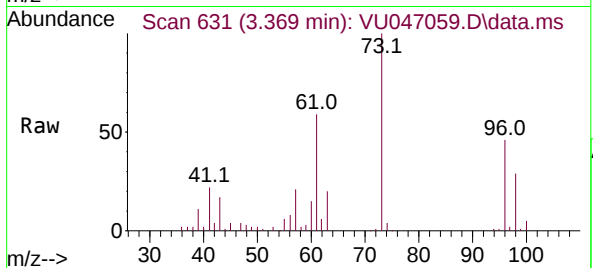
Tgt Ion: 73 Resp: 80491

Ion Ratio Lower Upper

73 100

43 18.0 13.9 20.9

57 21.5 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 4.498 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.003 min

Lab File: VU047059.D

Acq: 07 Feb 2022 09:55

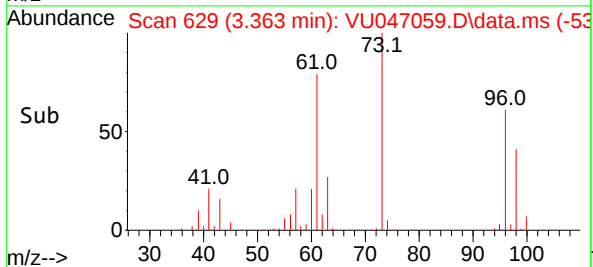
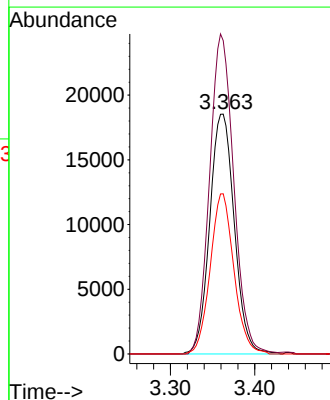
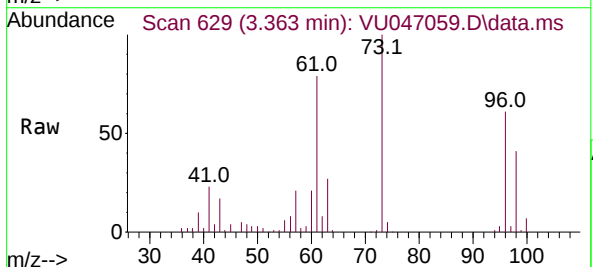
Tgt Ion: 96 Resp: 37562

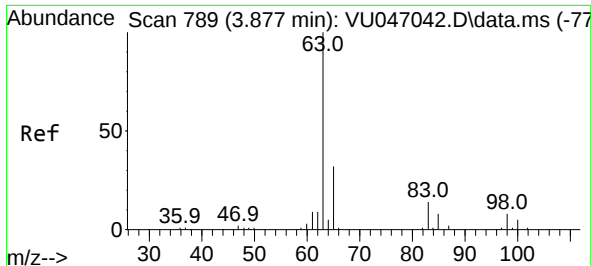
Ion Ratio Lower Upper

96 100

61 130.7 95.1 176.7

98 66.8 44.8 83.2





#19

1,1-Dichloroethane

Concen: 4.556 ug/L

RT: 3.877 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU047059.D

Acq: 07 Feb 2022 09:55

Instrument :

MSVOA_U

ClientSampleId :

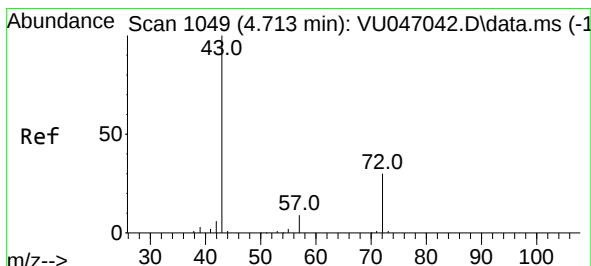
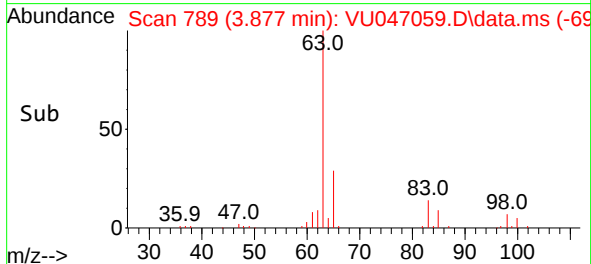
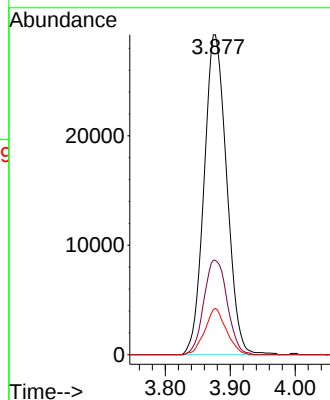
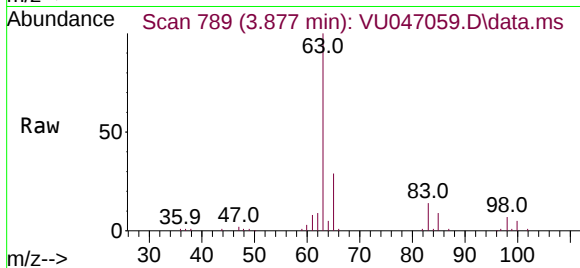
Tgt Ion: 63 Resp: 70744

Ion Ratio Lower Upper

63 100

65 29.5 22.7 42.1

83 14.5 9.7 17.9



#21

2-Butanone

Concen: 48.488 ug/L

RT: 4.729 min Scan# 1054

Delta R.T. 0.016 min

Lab File: VU047059.D

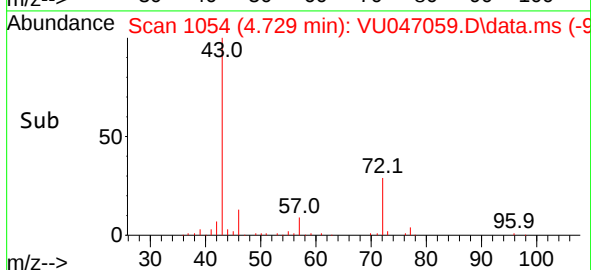
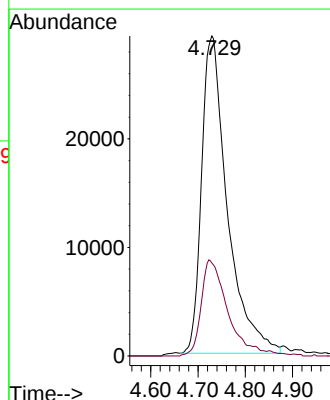
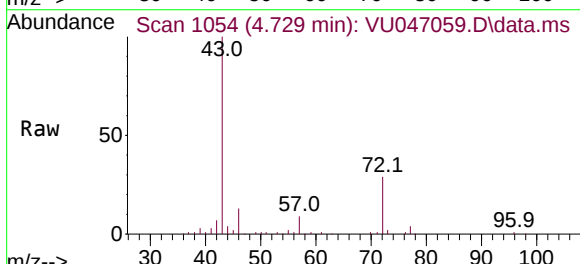
Acq: 07 Feb 2022 09:55

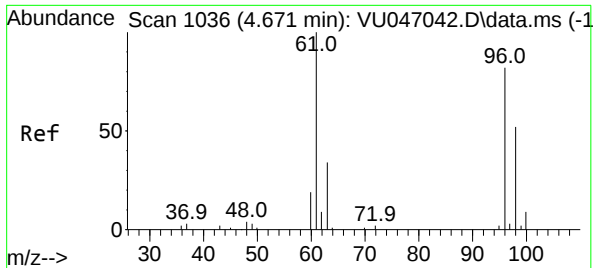
Tgt Ion: 43 Resp: 110802

Ion Ratio Lower Upper

43 100

72 30.8 15.0 45.0





#22

cis-1,2-Dichloroethene

Concen: 4.542 ug/L

RT: 4.674 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU047059.D

Acq: 07 Feb 2022 09:55

Instrument :

MSVOA_U

ClientSampleId :

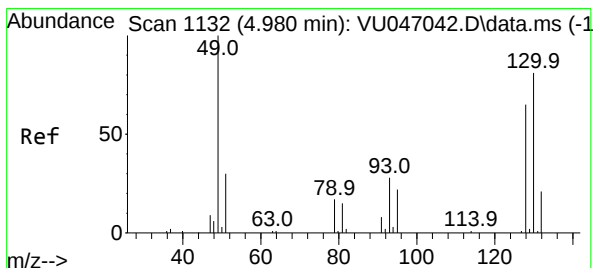
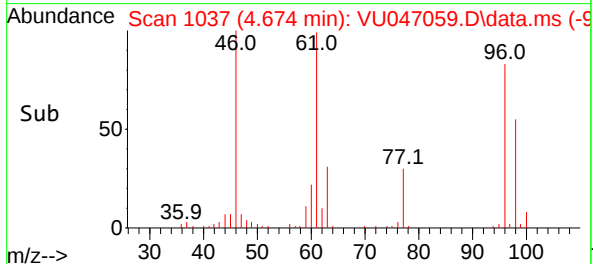
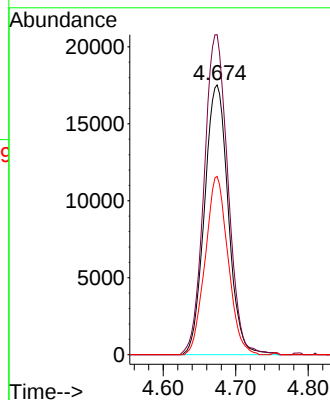
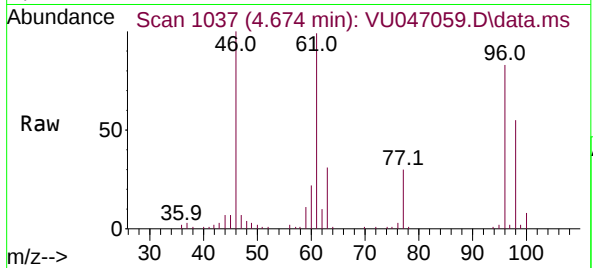
Tgt Ion: 96 Resp: 39840

Ion Ratio Lower Upper

96 100

61 118.6 85.6 159.0

98 66.1 44.7 83.1



#23

Bromochloromethane

Concen: 4.838 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU047059.D

Acq: 07 Feb 2022 09:55

Tgt Ion: 128 Resp: 20470

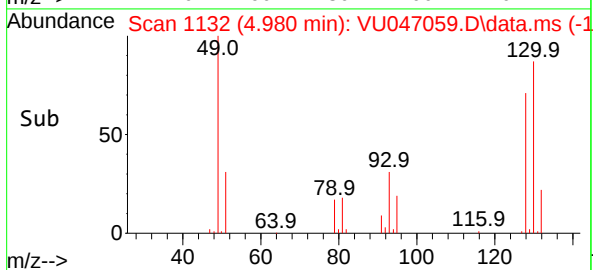
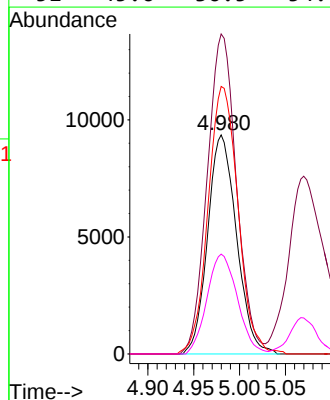
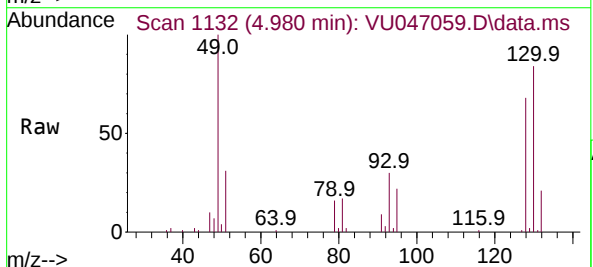
Ion Ratio Lower Upper

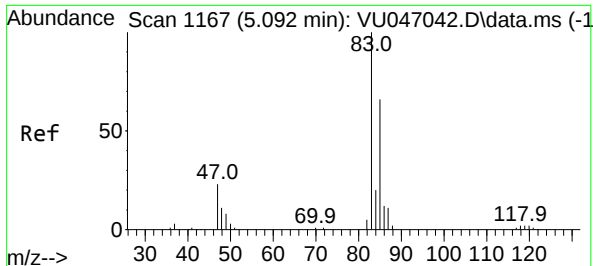
128 100

49 146.1 107.4 199.6

130 122.2 87.3 162.1

51 45.6 36.5 54.7





#25

Chloroform

Concen: 4.292 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047059.D

Acq: 07 Feb 2022 09:55

Instrument :

MSVOA_U

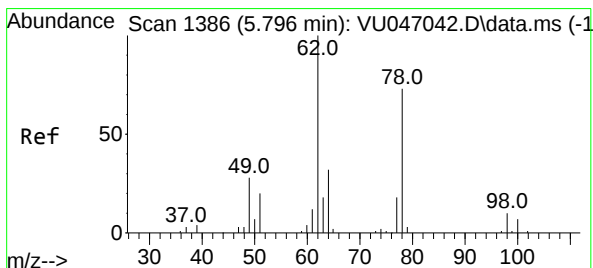
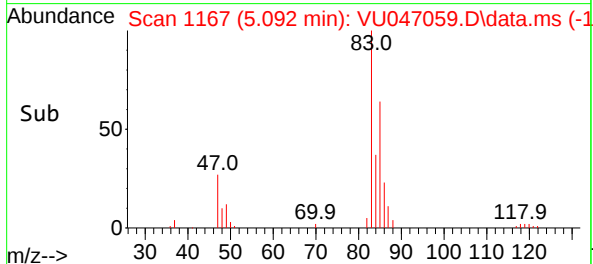
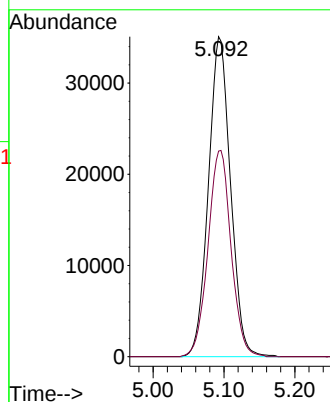
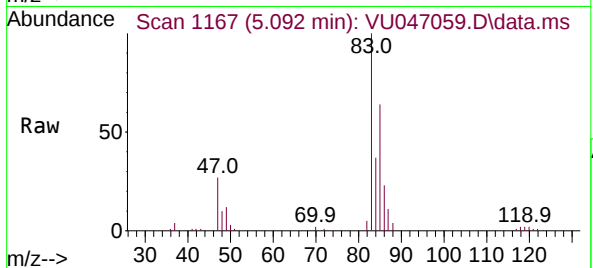
ClientSampleId :

Tgt Ion: 83 Resp: 75867

Ion Ratio Lower Upper

83 100

85 64.2 46.2 85.8



#27

1,2-Dichloroethane

Concen: 4.672 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.003 min

Lab File: VU047059.D

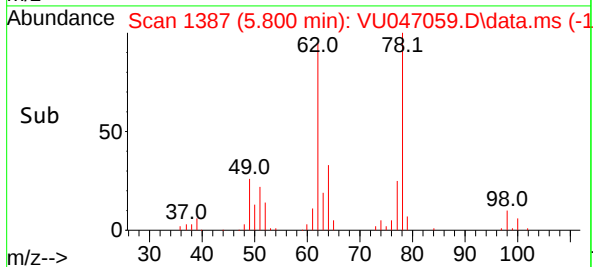
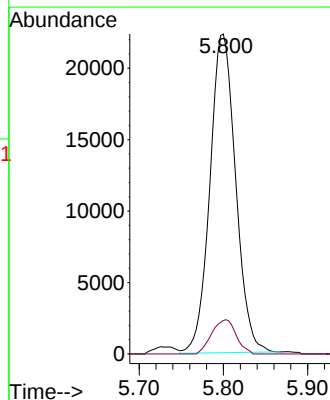
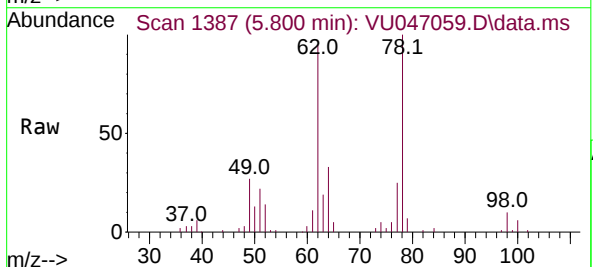
Acq: 07 Feb 2022 09:55

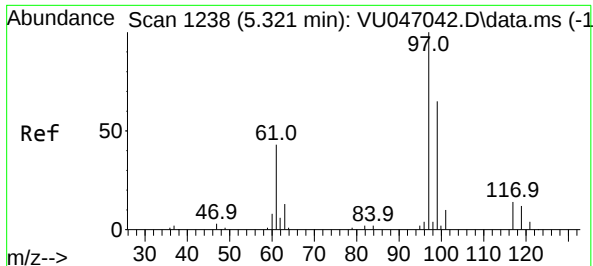
Tgt Ion: 62 Resp: 47373

Ion Ratio Lower Upper

62 100

98 10.4 8.0 12.0





#29

1,1,1-Trichloroethane

Concen: 4.412 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU047059.D

Acq: 07 Feb 2022 09:55

Instrument :

MSVOA_U

ClientSampleId :

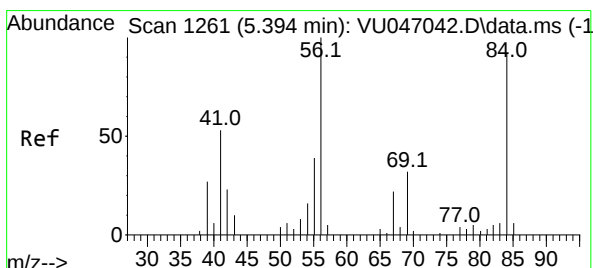
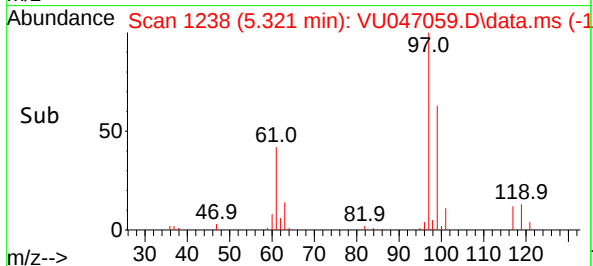
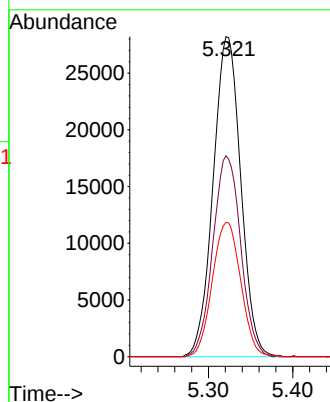
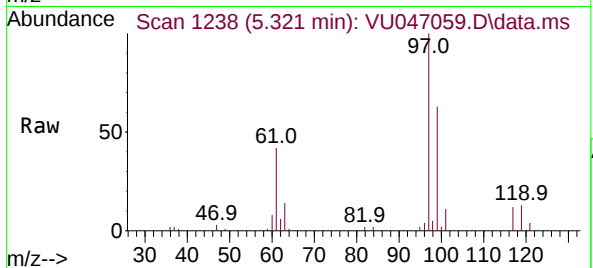
Tgt Ion: 97 Resp: 64207

Ion Ratio Lower Upper

97 100

99 63.4 51.5 77.3

61 43.1 34.6 52.0



#30

Cyclohexane

Concen: 4.176 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU047059.D

Acq: 07 Feb 2022 09:55

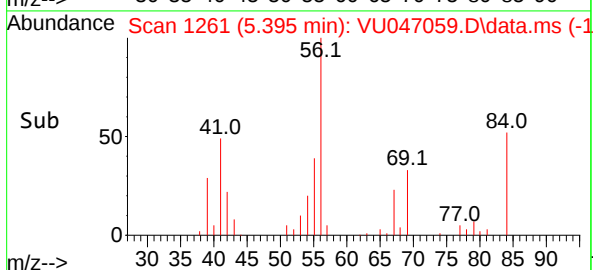
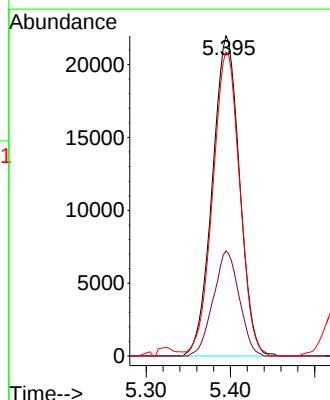
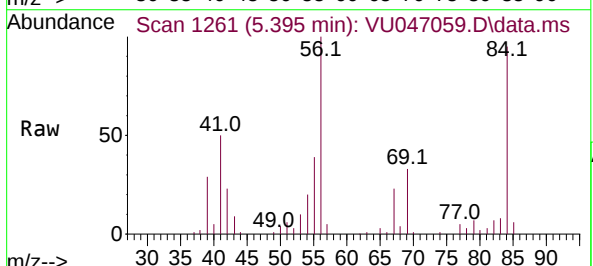
Tgt Ion: 56 Resp: 49052

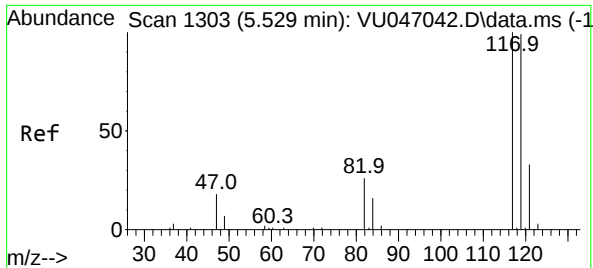
Ion Ratio Lower Upper

56 100

69 31.4 24.7 37.1

84 94.9 73.0 109.6

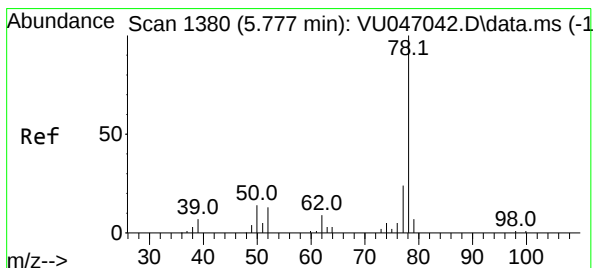
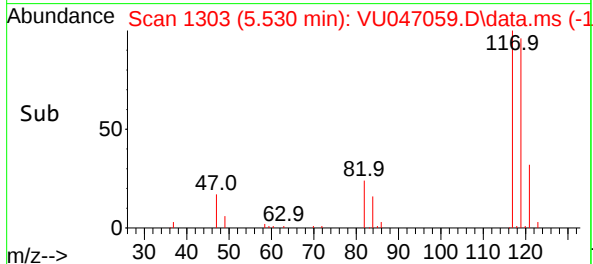
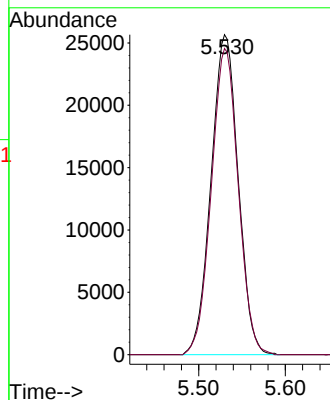
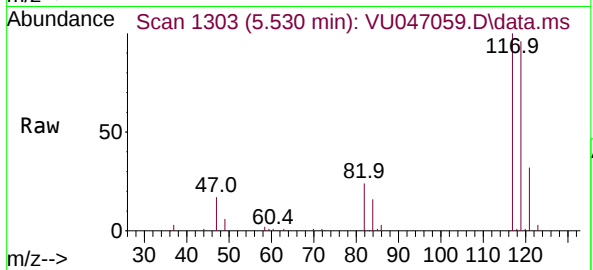




#31
Carbon tetrachloride
Concen: 4.494 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU047059.D
Acq: 07 Feb 2022 09:55

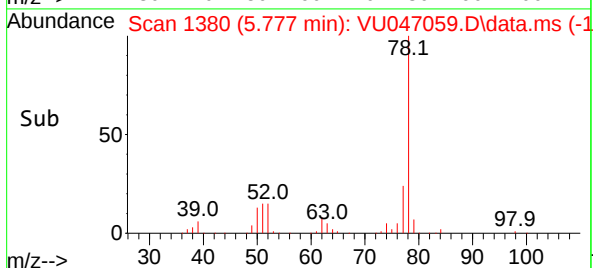
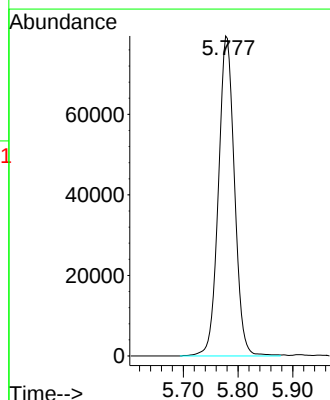
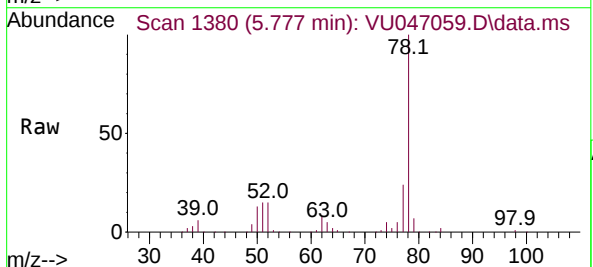
Instrument :
MSVOA_U
ClientSampleId :

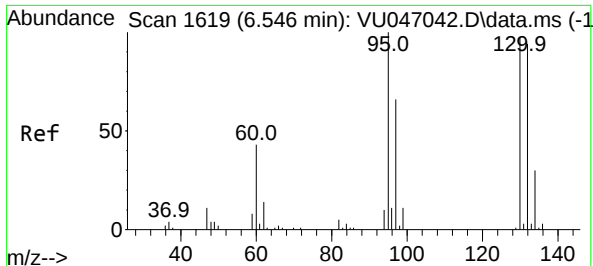
Tgt Ion:117 Resp: 55850
Ion Ratio Lower Upper
117 100
119 95.0 79.8 119.8



#33
Benzene
Concen: 4.535 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047059.D
Acq: 07 Feb 2022 09:55

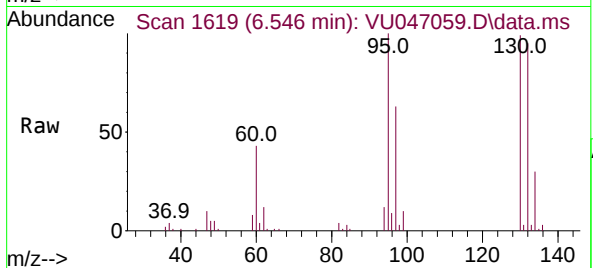
Tgt Ion: 78 Resp: 162146



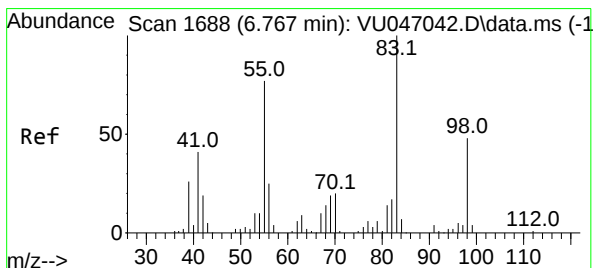
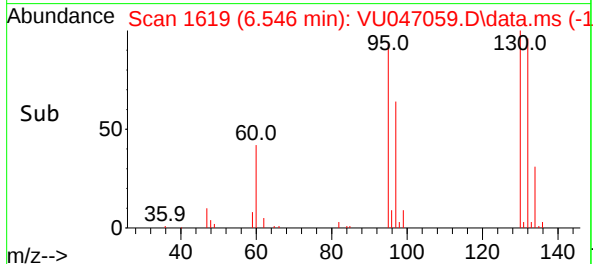
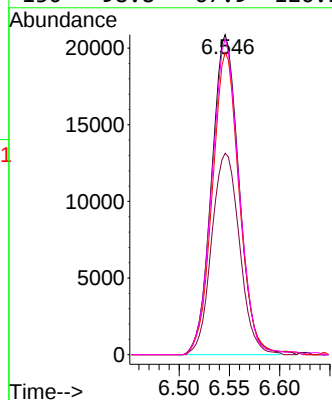


#34
Trichloroethene
Concen: 4.356 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047059.D
Acq: 07 Feb 2022 09:55

Instrument :
MSVOA_U
ClientSampleId :

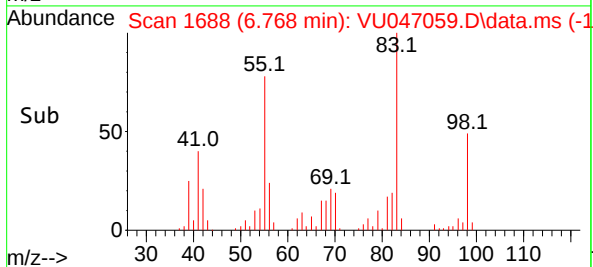
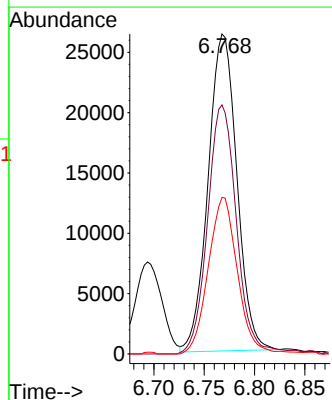
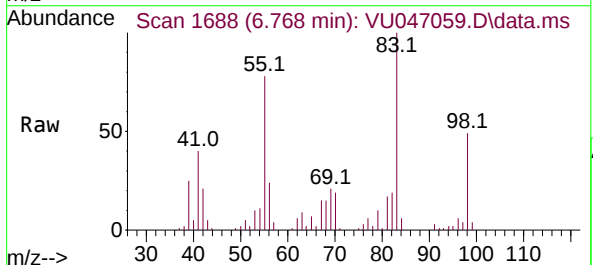


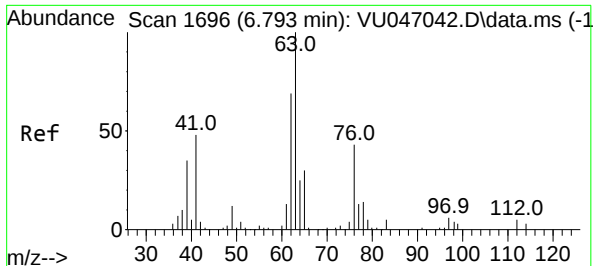
Tgt Ion:	95	Resp:	39375
Ion Ratio	100	Lower	Upper
95	100		
97	63.0	46.1	85.5
132	94.5	65.9	122.5
130	98.8	67.9	126.1



#35
Methylcyclohexane
Concen: 4.175 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU047059.D
Acq: 07 Feb 2022 09:55

Tgt Ion:	83	Resp:	52309
Ion Ratio	100	Lower	Upper
83	100		
55	79.3	61.2	91.8
98	50.3	39.3	58.9





#37

1,2-Dichloropropane

Concen: 4.397 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047059.D

Acq: 07 Feb 2022 09:55

Instrument :

MSVOA_U

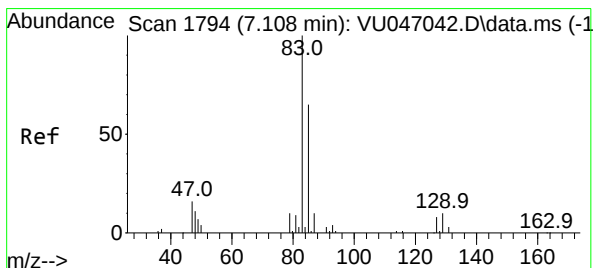
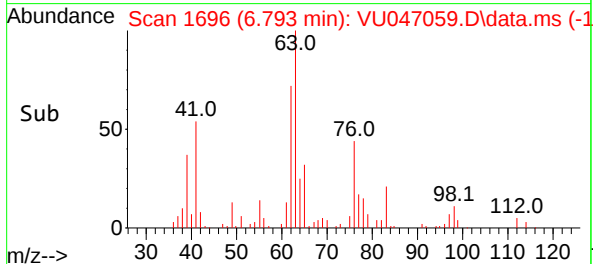
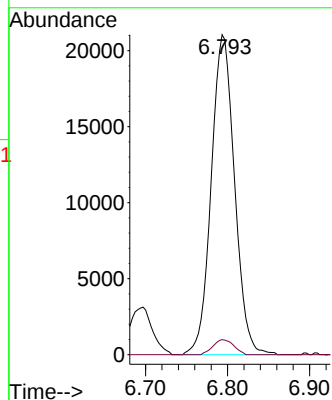
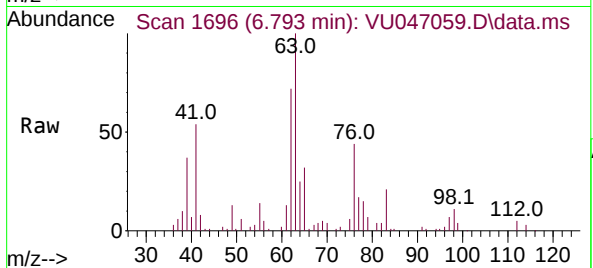
ClientSampleId :

Tgt Ion: 63 Resp: 41571

Ion Ratio Lower Upper

63 100

112 4.2 4.0 6.0



#38

Bromodichloromethane

Concen: 4.403 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047059.D

Acq: 07 Feb 2022 09:55

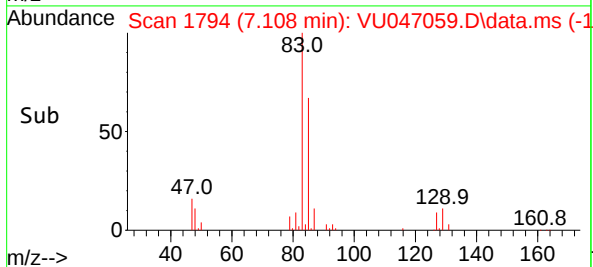
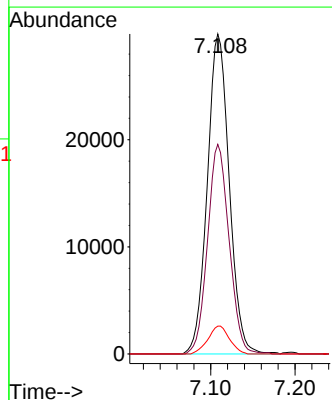
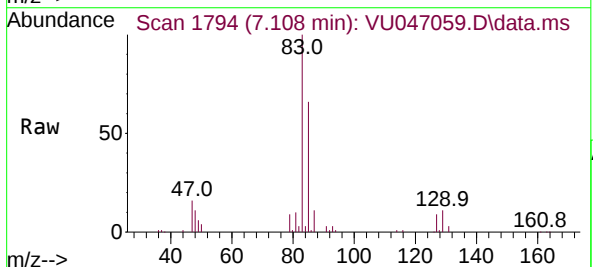
Tgt Ion: 83 Resp: 54075

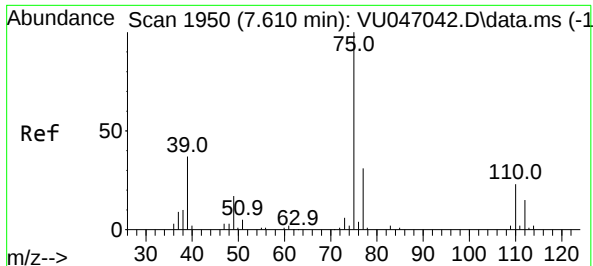
Ion Ratio Lower Upper

83 100

85 65.5 45.3 84.1

127 8.7 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 4.254 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047059.D

Acq: 07 Feb 2022 09:55

Instrument :

MSVOA_U

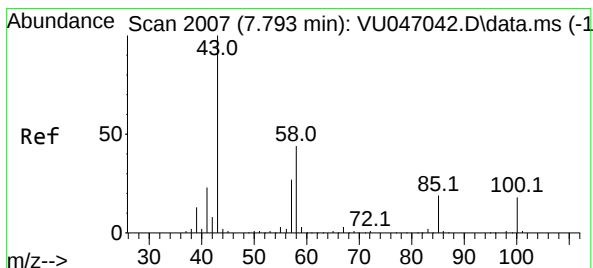
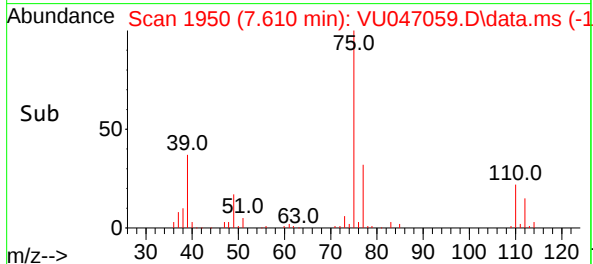
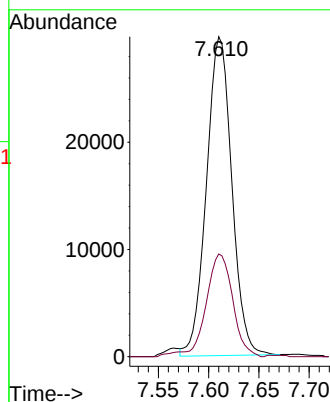
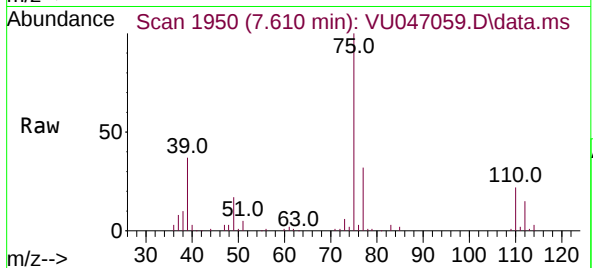
ClientSampleId :

Tgt Ion: 75 Resp: 52229

Ion Ratio Lower Upper

75 100

77 32.1 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 48.419 ug/L

RT: 7.797 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU047059.D

Acq: 07 Feb 2022 09:55

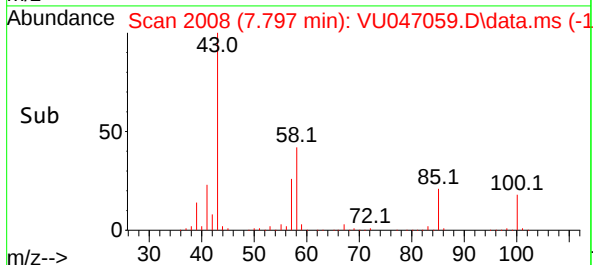
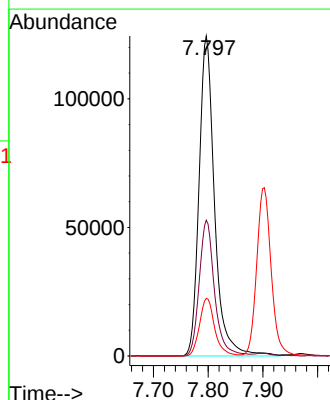
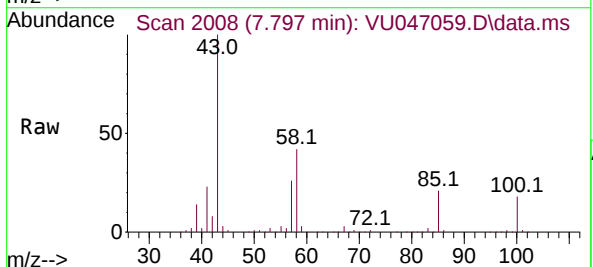
Tgt Ion: 43 Resp: 244505

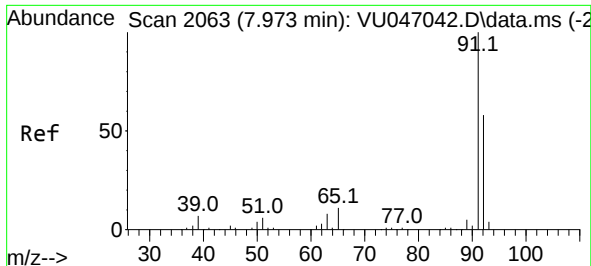
Ion Ratio Lower Upper

43 100

58 42.1 34.0 51.0

100 17.7 14.1 21.1





#42

Toluene

Concen: 4.729 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU047059.D

Acq: 07 Feb 2022 09:55

Instrument :

MSVOA_U

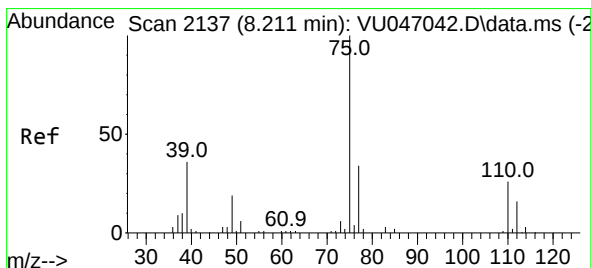
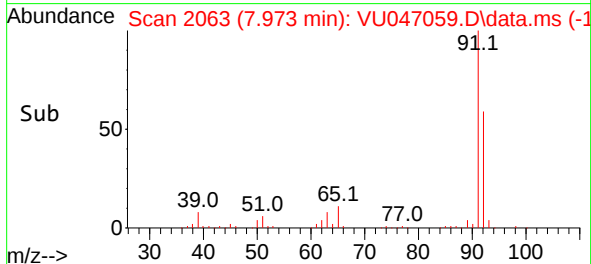
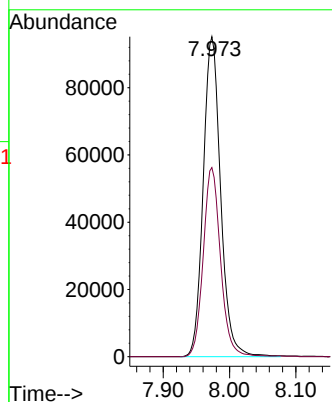
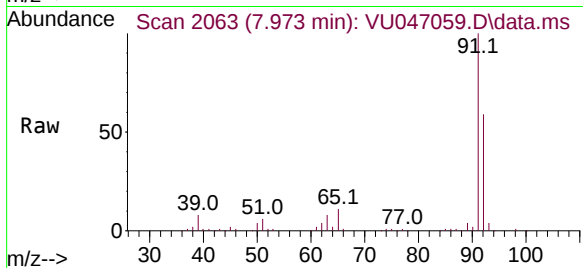
ClientSampleId :

Tgt Ion: 91 Resp: 173713

Ion Ratio Lower Upper

91 100

92 59.1 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 4.668 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047059.D

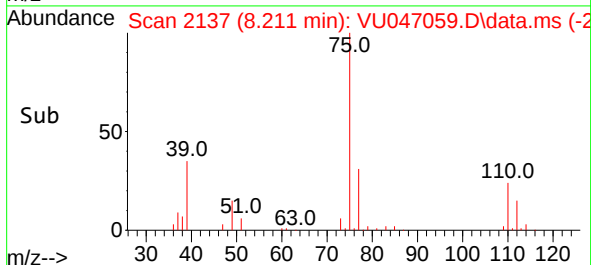
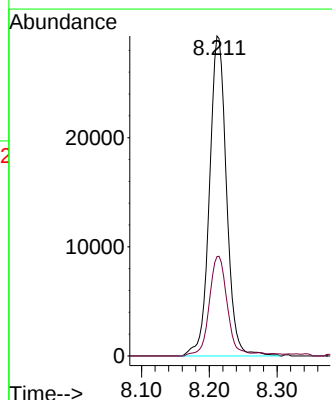
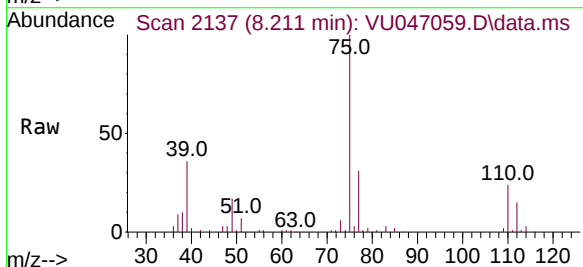
Acq: 07 Feb 2022 09:55

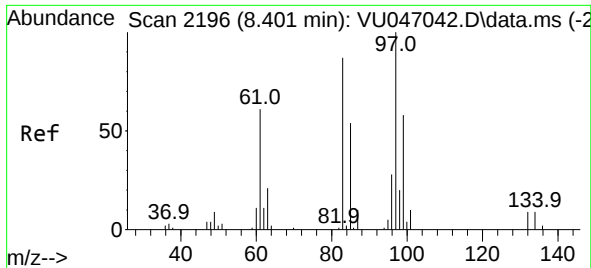
Tgt Ion: 75 Resp: 51206

Ion Ratio Lower Upper

75 100

77 31.0 23.7 43.9

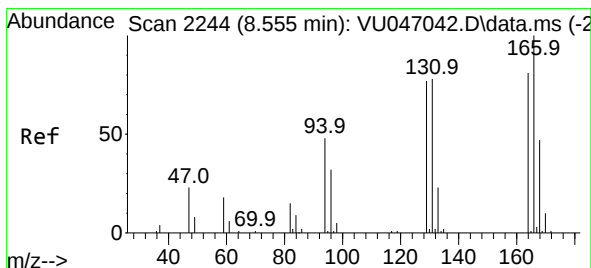
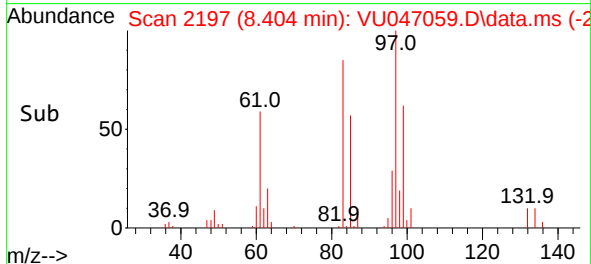
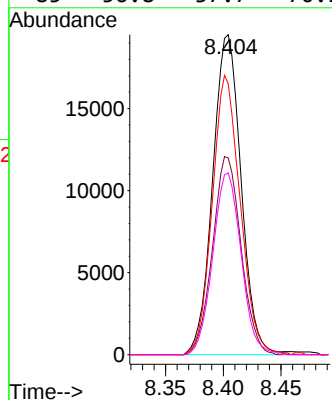
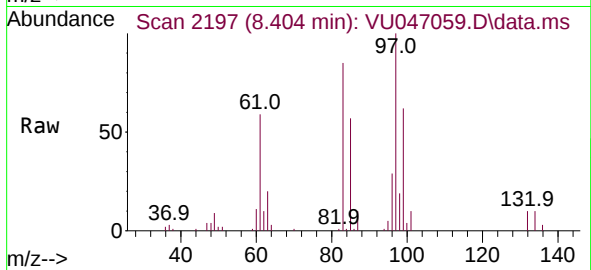




#45
1,1,2-Trichloroethane
Concen: 4.739 ug/L
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU047059.D
Acq: 07 Feb 2022 09:55

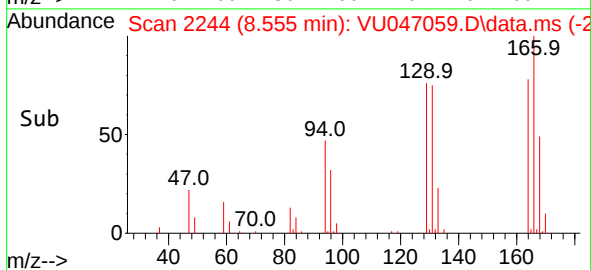
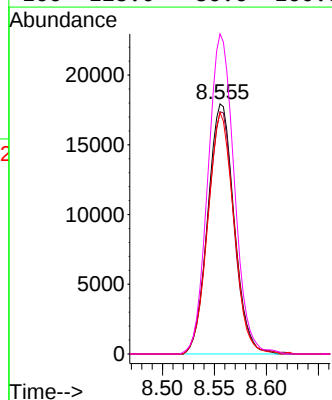
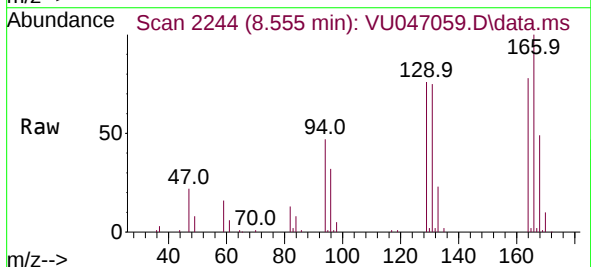
Instrument :
MSVOA_U
ClientSampleId :

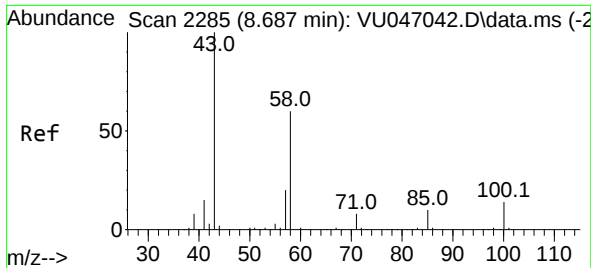
Tgt Ion: 97	Resp: 33331
Ion Ratio	Lower Upper
97 100	
99 61.5	40.4 75.0
83 84.7	60.6 112.6
85 56.8	37.7 70.1



#47
Tetrachloroethene
Concen: 4.504 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047059.D
Acq: 07 Feb 2022 09:55

Tgt	Ion:164	Resp:	31591
Ion	Ratio	Lower	Upper
164	100		
129	96.9	66.5	123.5
131	96.5	67.5	125.4
166	128.0	86.6	160.8



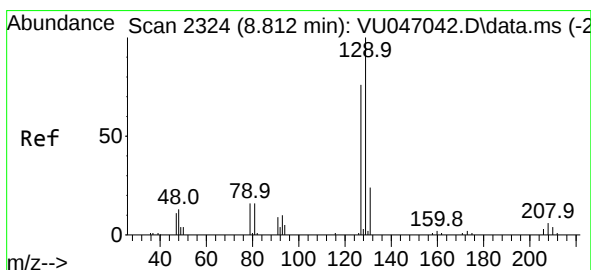
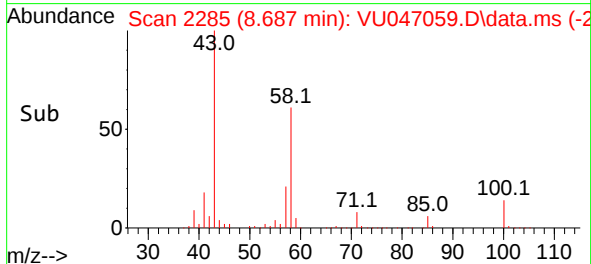
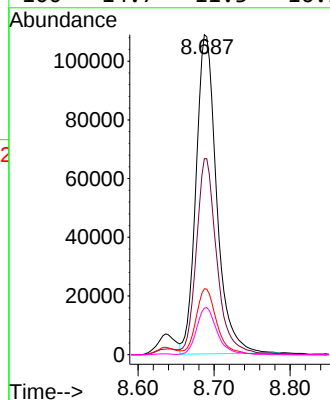
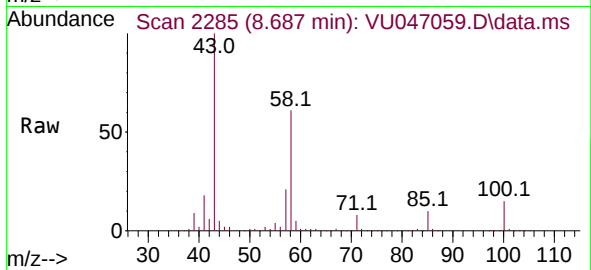


#48
2-Hexanone
Concen: 52.807 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047059.D
Acq: 07 Feb 2022 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 205351

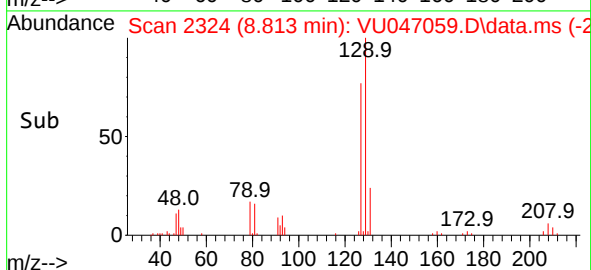
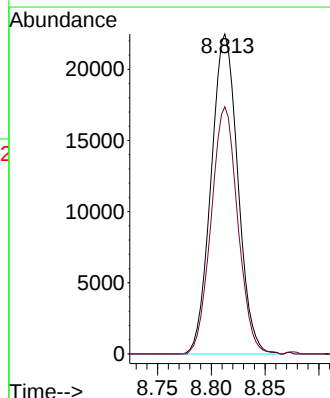
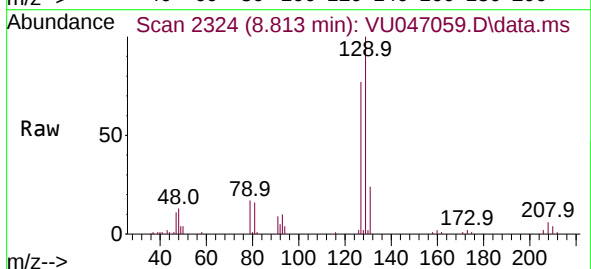
Ion	Ratio	Lower	Upper
43	100		
58	61.6	47.8	71.6
57	20.5	16.2	24.4
100	14.7	11.3	16.9

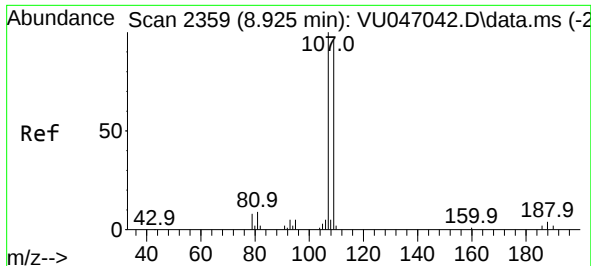


#49
Dibromochloromethane
Concen: 4.736 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047059.D
Acq: 07 Feb 2022 09:55

Tgt Ion: 129 Resp: 38917

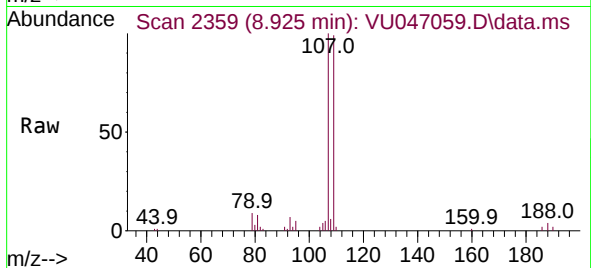
Ion	Ratio	Lower	Upper
129	100		
127	77.3	53.4	99.2



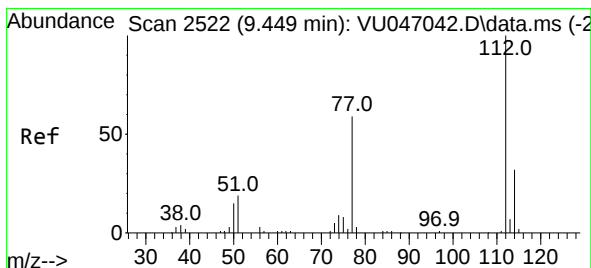
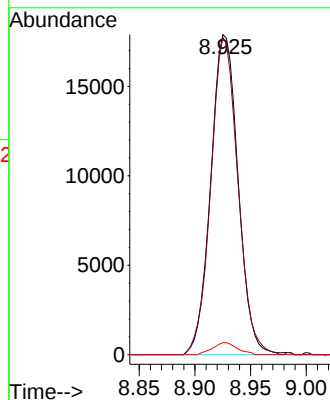
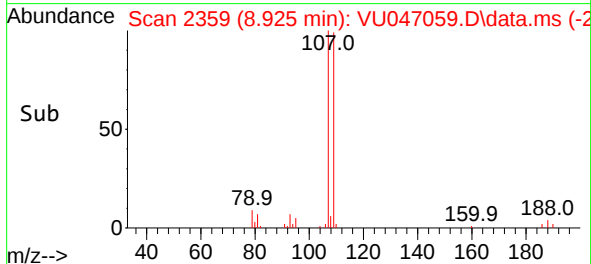


#50
1,2-Dibromoethane
Concen: 4.703 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047059.D
Acq: 07 Feb 2022 09:55

Instrument :
MSVOA_U
ClientSampleId :

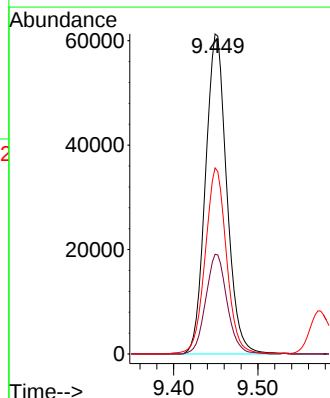
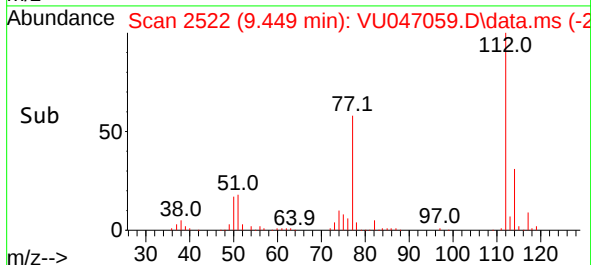
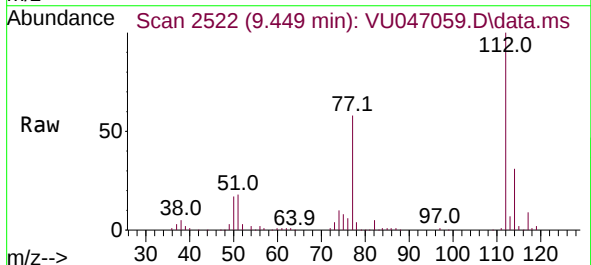


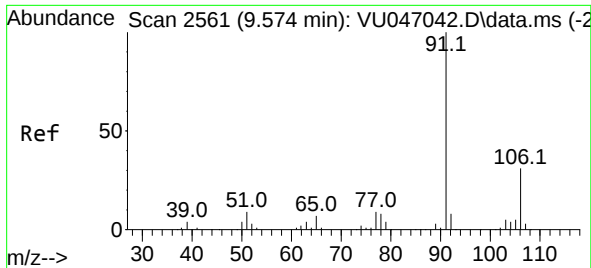
Tgt Ion:107 Resp: 30557
Ion Ratio Lower Upper
107 100
109 99.1 67.4 125.2
188 3.7 3.0 4.6



#51
Chlorobenzene
Concen: 4.464 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047059.D
Acq: 07 Feb 2022 09:55

Tgt Ion:112 Resp: 107623
Ion Ratio Lower Upper
112 100
114 31.1 22.6 42.0
77 58.2 47.3 70.9

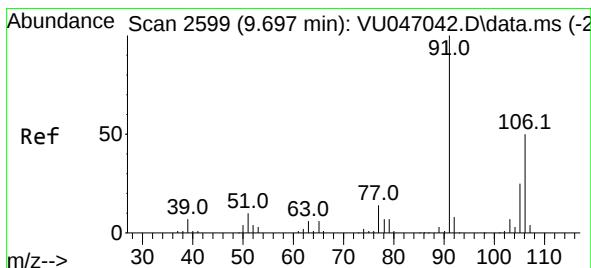
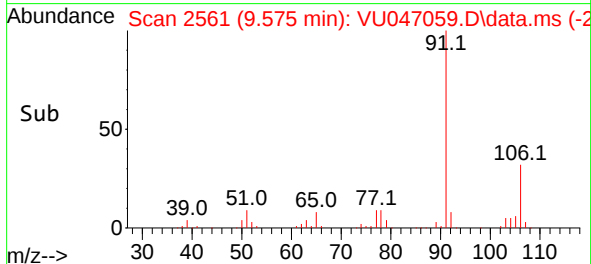
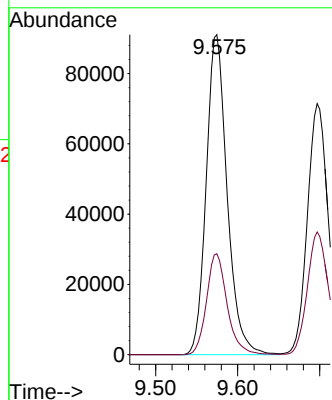
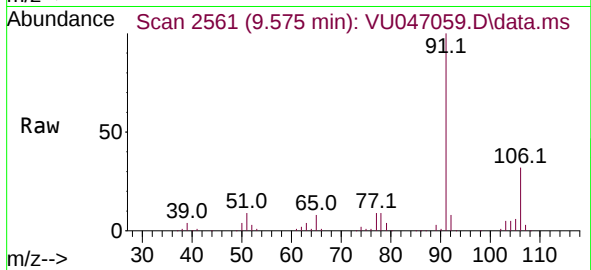




#52
Ethylbenzene
Concen: 4.371 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU047059.D
Acq: 07 Feb 2022 09:55

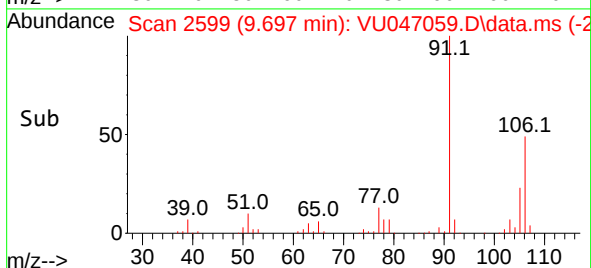
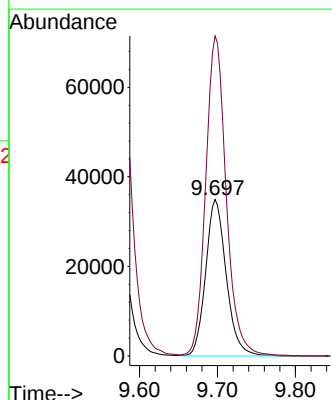
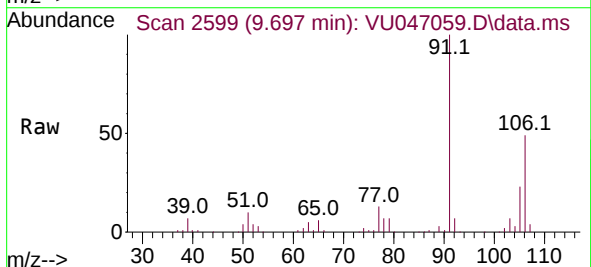
Instrument :
MSVOA_U
ClientSampleId :

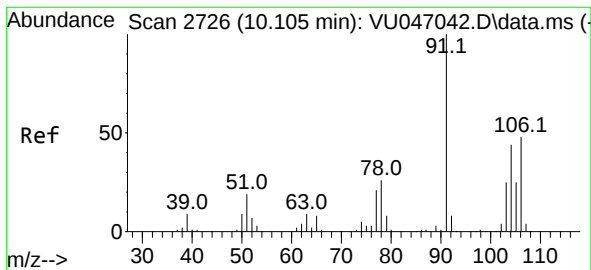
Tgt Ion: 91 Resp: 161363
Ion Ratio Lower Upper
91 100
106 31.6 22.0 40.8



#53
m,p-Xylene
Concen: 4.466 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047059.D
Acq: 07 Feb 2022 09:55

Tgt Ion: 106 Resp: 64094
Ion Ratio Lower Upper
106 100
91 204.6 140.3 260.5





#54

o-Xylene

Concen: 4.512 ug/L

RT: 10.105 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047059.D

Acq: 07 Feb 2022 09:55

Instrument :

MSVOA_U

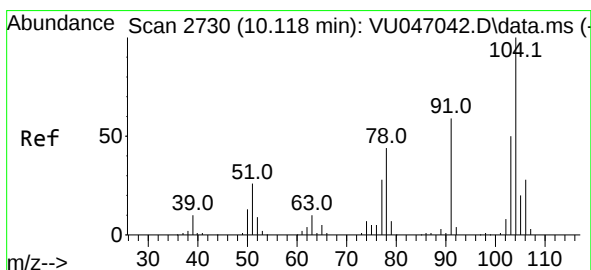
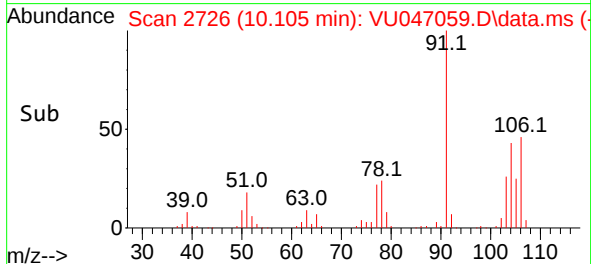
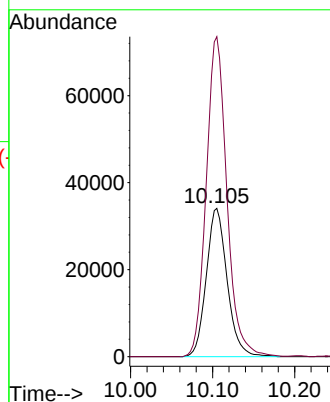
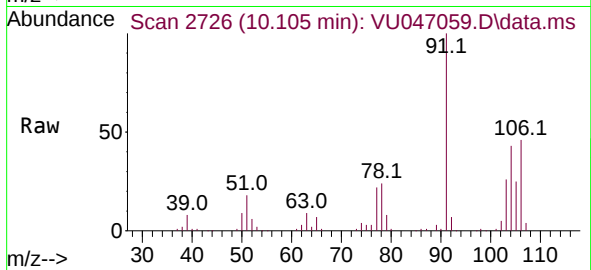
ClientSampleId :

Tgt Ion:106 Resp: 60203

Ion Ratio Lower Upper

106 100

91 215.7 146.5 272.1



#55

Styrene

Concen: 4.638 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. 0.000 min

Lab File: VU047059.D

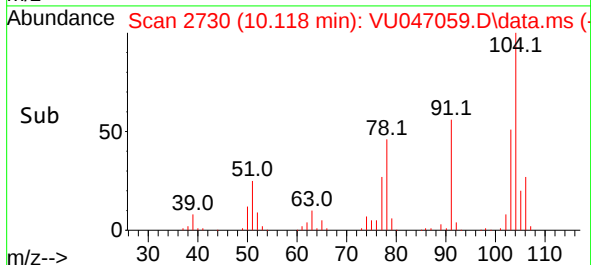
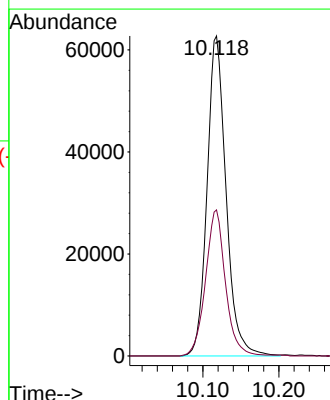
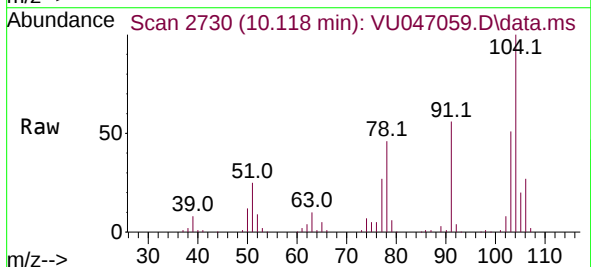
Acq: 07 Feb 2022 09:55

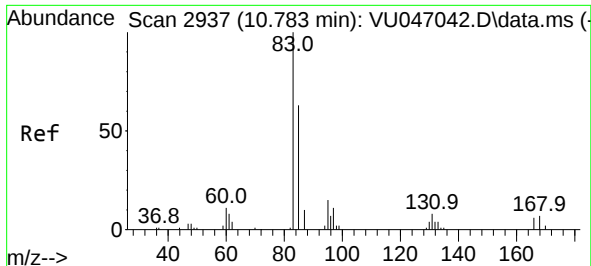
Tgt Ion:104 Resp: 108892

Ion Ratio Lower Upper

104 100

78 45.6 30.7 57.1





#57

1,1,2,2-Tetrachloroethane

Concen: 4.689 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU047059.D

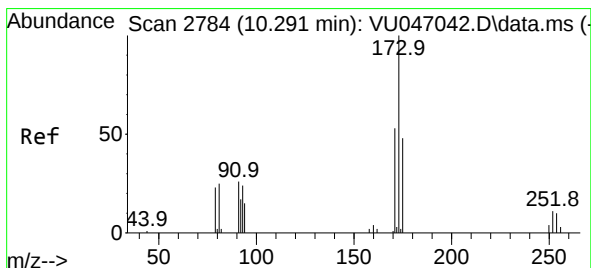
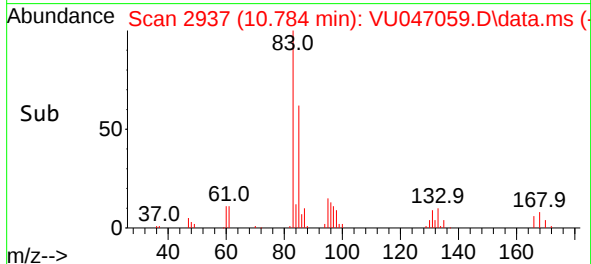
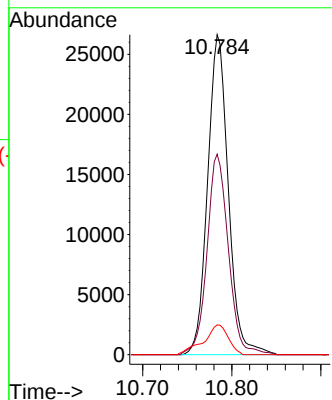
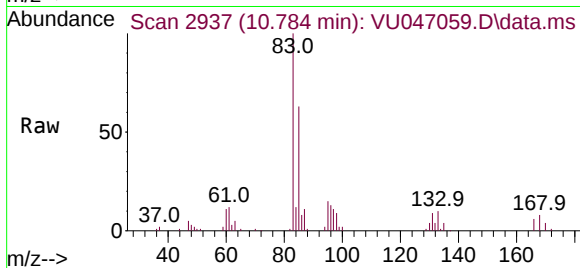
Acq: 07 Feb 2022 09:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 42917
Ion Ratio	Lower Upper
83 100	
85 62.6	44.6 82.8
131 9.3	7.4 11.0



#59

Bromoform

Concen: 4.789 ug/L

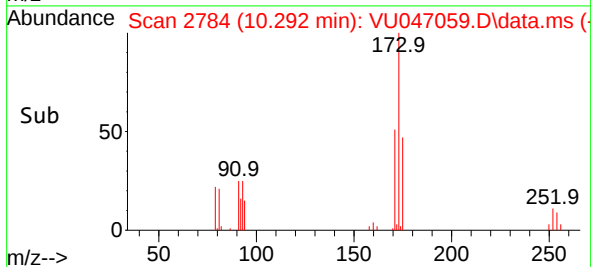
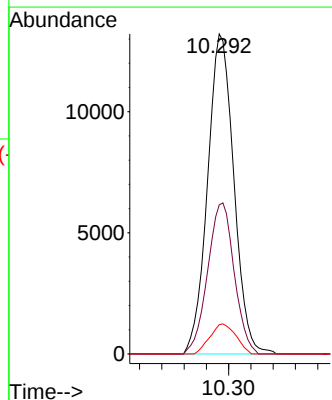
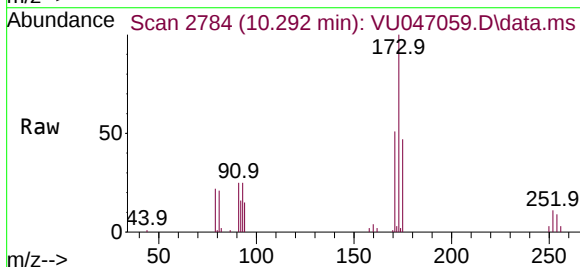
RT: 10.292 min Scan# 2784

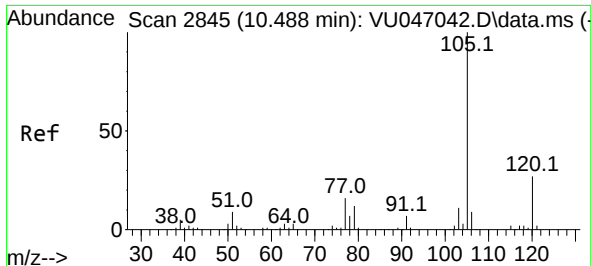
Delta R.T. 0.000 min

Lab File: VU047059.D

Acq: 07 Feb 2022 09:55

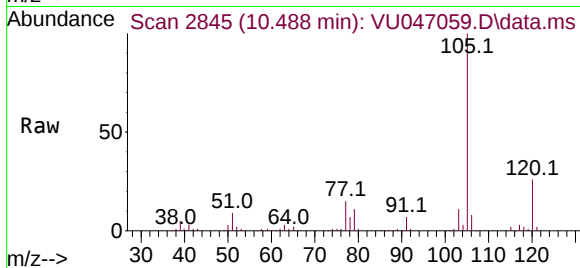
Tgt Ion: 173	Resp: 21641
Ion Ratio	Lower Upper
173 100	
175 47.7	38.8 58.2
254 9.3	7.2 10.8



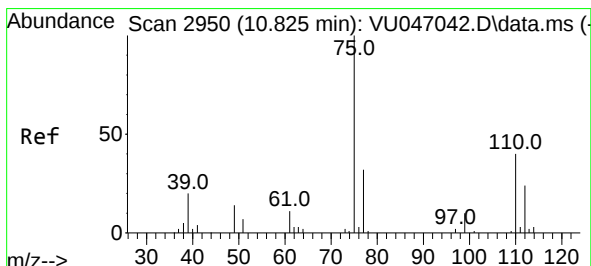
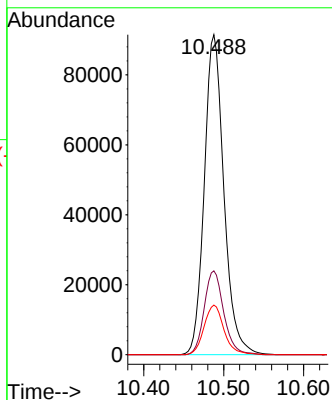
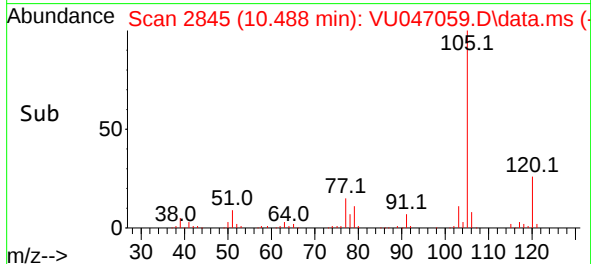


#60
Isopropylbenzene
Concen: 4.430 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU047059.D
Acq: 07 Feb 2022 09:55

Instrument :
MSVOA_U
ClientSampleId :

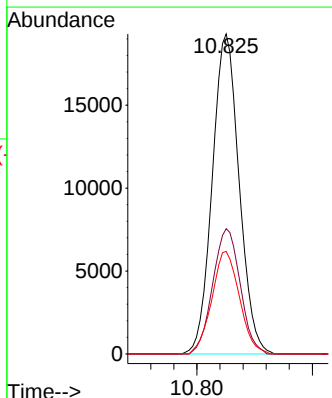
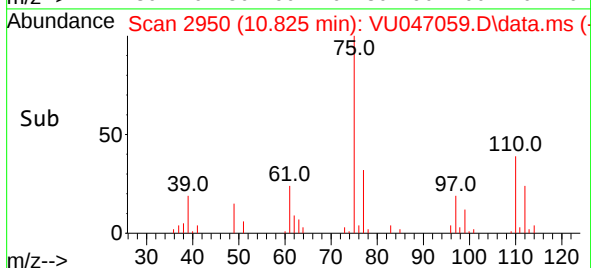
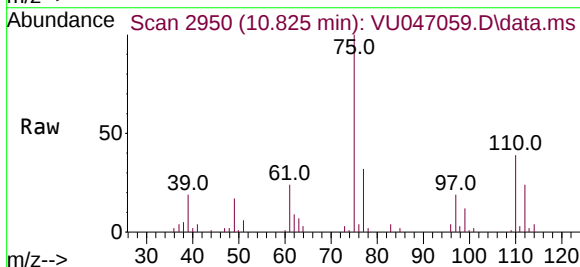


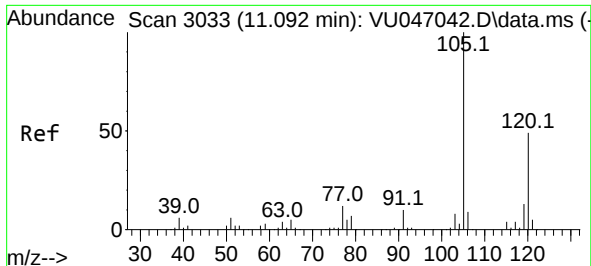
Tgt Ion:105 Resp: 155939
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.6
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.678 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU047059.D
Acq: 07 Feb 2022 09:55

Tgt Ion: 75 Resp: 31148
Ion Ratio Lower Upper
75 100
110 40.0 31.7 47.5
77 32.9 26.1 39.1





#62

1,3,5-Trimethylbenzene

Concen: 4.180 ug/L

RT: 11.089 min Scan# 3033

Delta R.T. -0.003 min

Lab File: VU047059.D

Acq: 07 Feb 2022 09:55

Instrument :

MSVOA_U

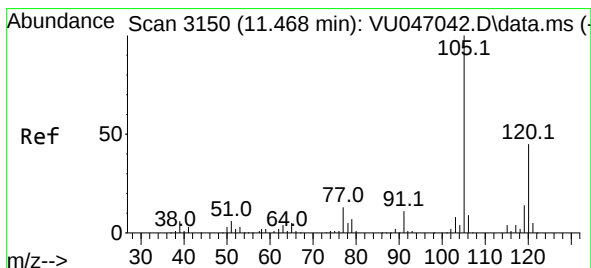
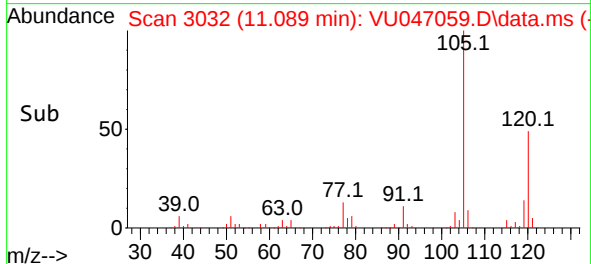
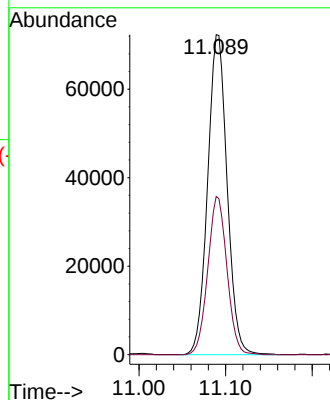
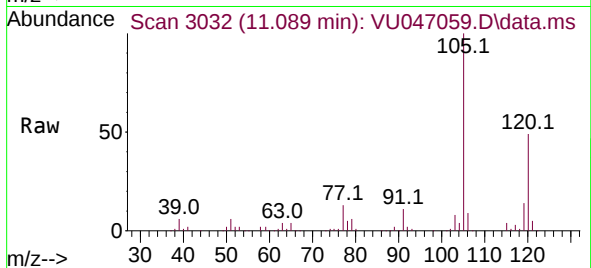
ClientSampleId :

Tgt Ion:105 Resp: 112906

Ion Ratio Lower Upper

105 100

120 48.6 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 4.243 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU047059.D

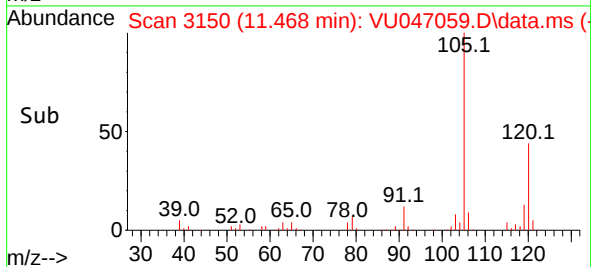
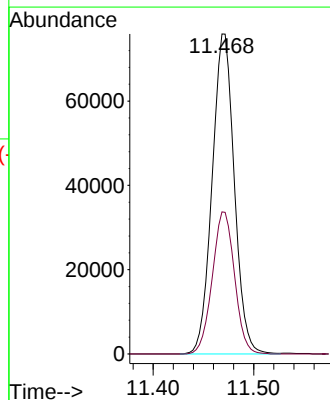
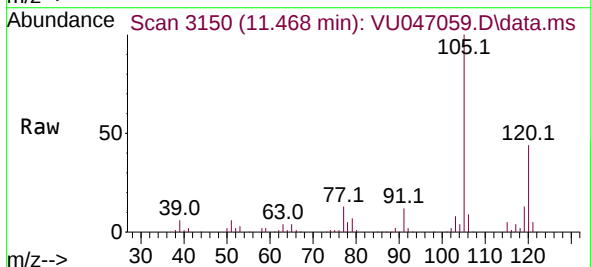
Acq: 07 Feb 2022 09:55

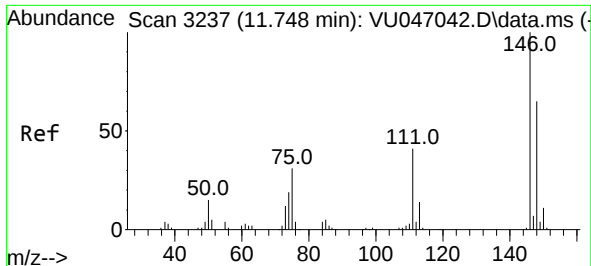
Tgt Ion:105 Resp: 116374

Ion Ratio Lower Upper

105 100

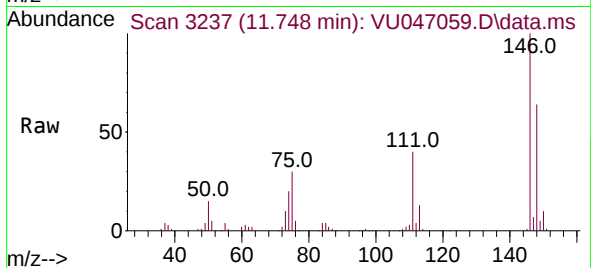
120 44.5 36.1 54.1



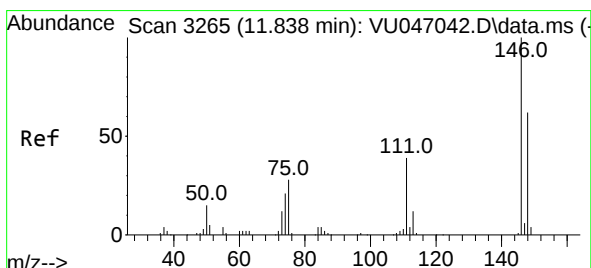
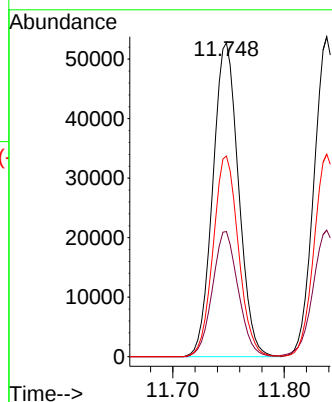
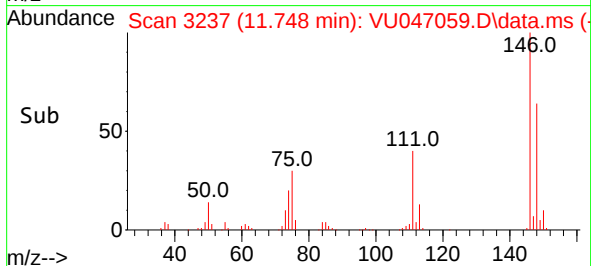


#64
1,3-Dichlorobenzene
Concen: 4.506 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU047059.D
Acq: 07 Feb 2022 09:55

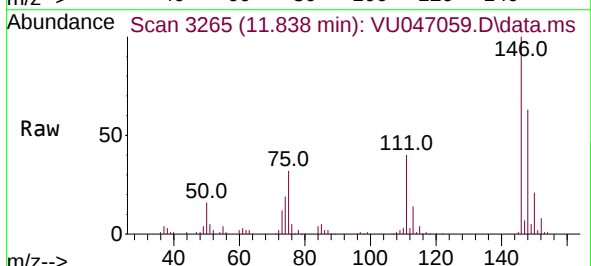
Instrument :
MSVOA_U
ClientSampleId :



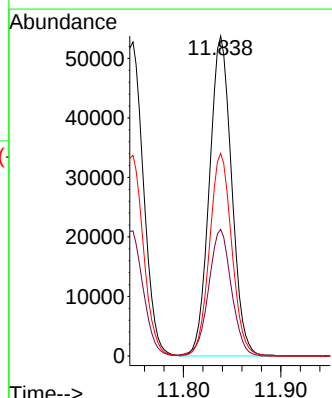
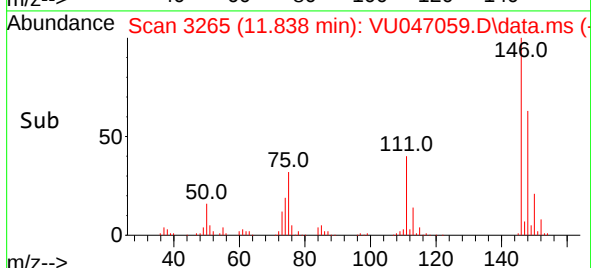
Tgt Ion:146 Resp: 84753
Ion Ratio Lower Upper
146 100
111 39.8 28.6 53.0
148 63.9 45.5 84.5

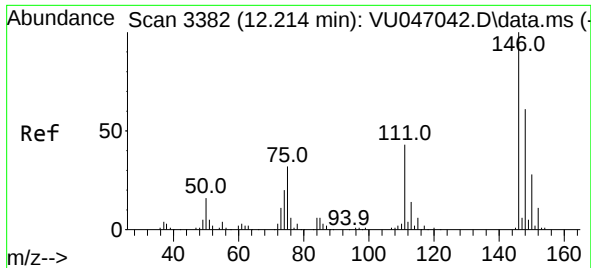


#65
1,4-Dichlorobenzene
Concen: 4.381 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047059.D
Acq: 07 Feb 2022 09:55



Tgt Ion:146 Resp: 85119
Ion Ratio Lower Upper
146 100
111 39.5 27.5 51.1
148 63.3 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 4.465 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU047059.D

Acq: 07 Feb 2022 09:55

Instrument :

MSVOA_U

ClientSampleId :

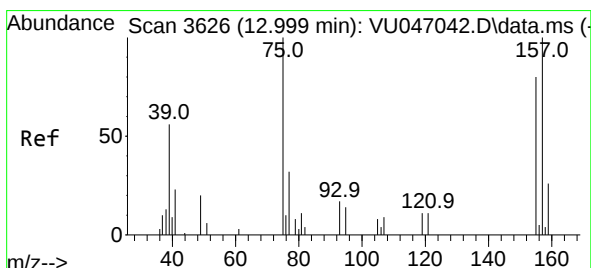
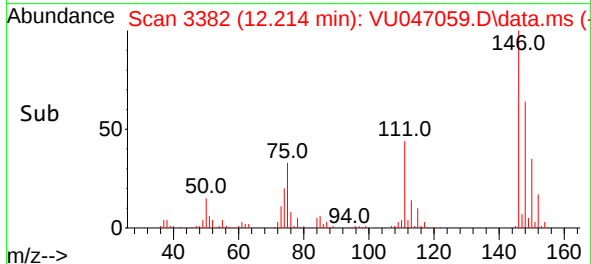
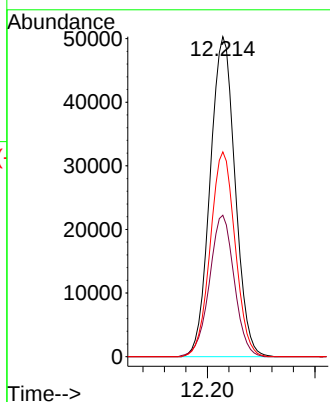
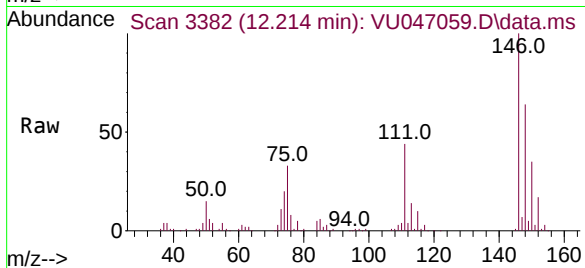
Tgt Ion:146 Resp: 81040

Ion Ratio Lower Upper

146 100

111 44.2 34.1 51.1

148 64.0 49.1 73.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.586 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU047059.D

Acq: 07 Feb 2022 09:55

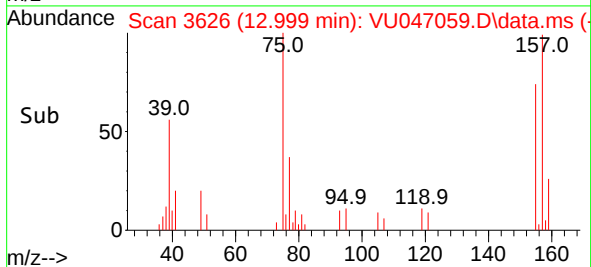
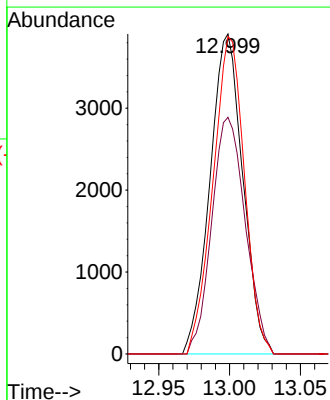
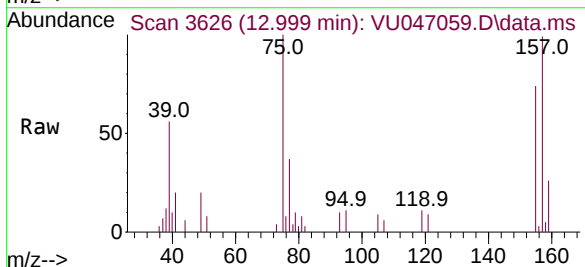
Tgt Ion: 75 Resp: 6301

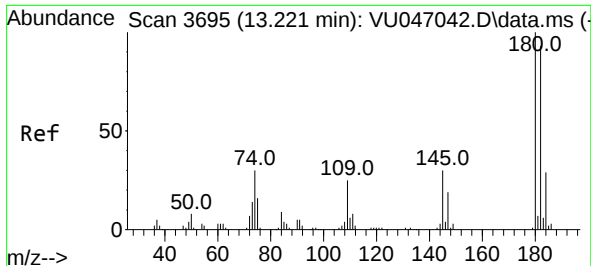
Ion Ratio Lower Upper

75 100

155 73.9 63.9 95.9

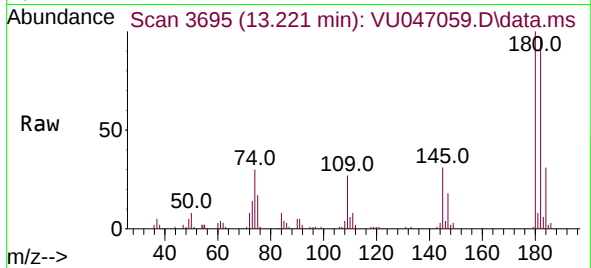
157 99.2 79.9 119.9



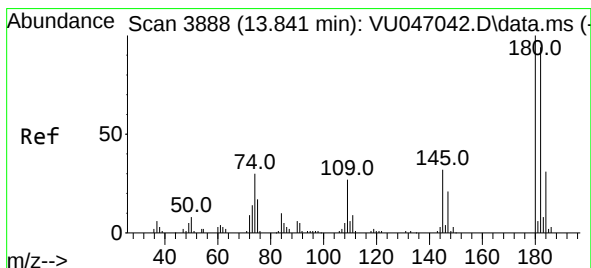
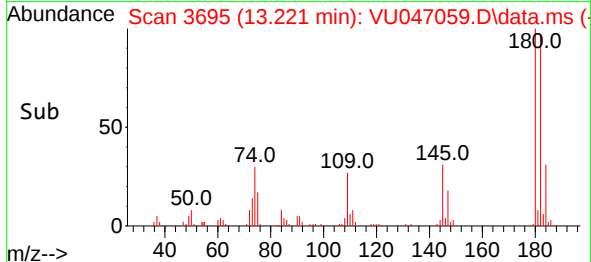
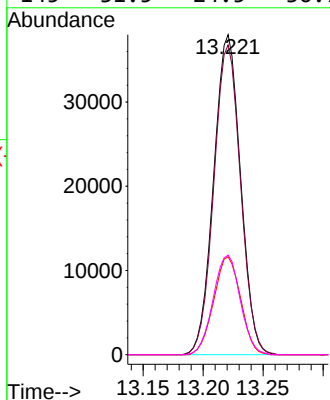


#69
 1,3,5-Trichlorobenzene
 Concen: 4.180 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU047059.D
 Acq: 07 Feb 2022 09:55

Instrument :
 MSVOA_U
 ClientSampleId :

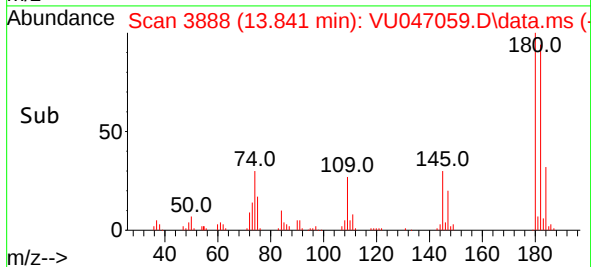
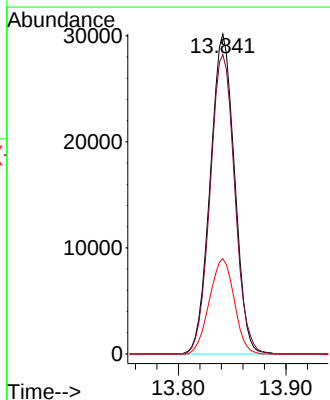
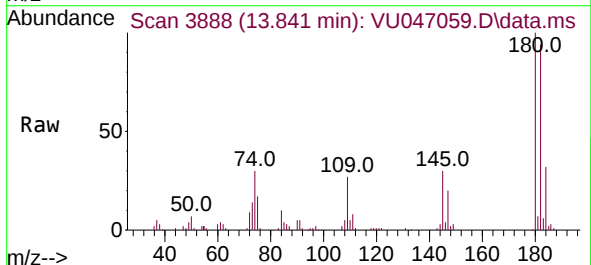


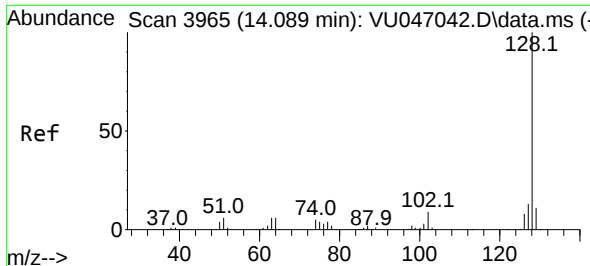
Tgt Ion:180 Resp: 59025
 Ion Ratio Lower Upper
 180 100
 182 96.2 75.1 112.7
 184 30.7 23.3 34.9
 145 31.5 24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 4.117 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047059.D
 Acq: 07 Feb 2022 09:55

Tgt Ion:180 Resp: 47350
 Ion Ratio Lower Upper
 180 100
 182 94.8 74.2 111.4
 145 30.4 24.6 36.8

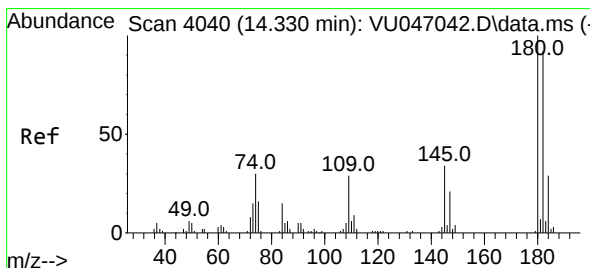
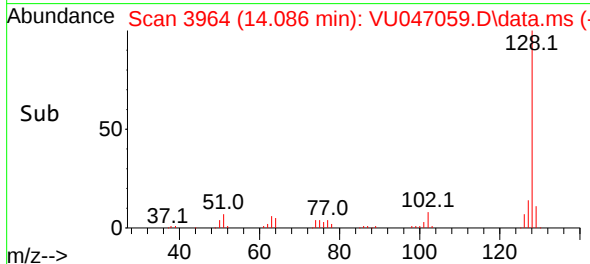
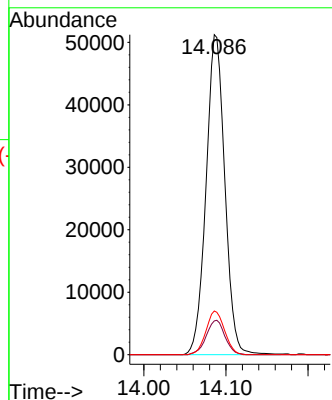
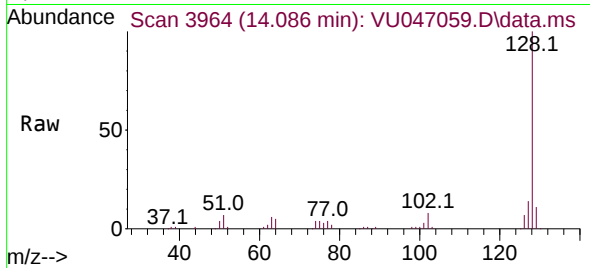




#71
Naphthalene
Concen: 4.095 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU047059.D
Acq: 07 Feb 2022 09:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 81503
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.5 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 4.269 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047059.D
Acq: 07 Feb 2022 09:55

Tgt Ion:180 Resp: 46856
Ion Ratio Lower Upper
180 100
182 95.9 74.0 111.0
145 33.0 27.1 40.7

