

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047427.D
 Acq On : 10 Mar 2022 00:14
 Operator : SY/MD
 Sample : N1861-07MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 10 01:09:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 00:51:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	168644	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	160224	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	89675	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	44138	4.826	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.919	69	32418	4.828	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.575	65	19420	4.807	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	4.646	46	87210	53.554	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.100%
24) Chloroform-d	5.070	84	73056	5.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.707	65	36391	4.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.732	84	148283	4.920	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.694	67	44635	5.006	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.899	98	144833	4.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	8.182	79	18962	5.009	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.200%
46) 2-Hexanone-d5	8.636	63	87296	52.350	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.700%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38982	5.017	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	56438	4.964	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	64934	5.143	ug/L	99
3) Chloromethane	1.523	50	65607	5.203	ug/L	97
5) Vinyl chloride	1.607	62	64072	5.166	ug/L	98
6) Bromomethane	1.864	94	34979	4.946	ug/L	100
8) Chloroethane	1.941	64	37830	5.022	ug/L	98
9) Trichlorofluoromethane	2.144	101	84641	5.180	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	52810	5.234	ug/L	100
12) 1,1-Dichloroethene	2.585	96	54065	5.460	ug/L	93
13) Acetone	2.658	43	136543	91.260	ug/L	95
14) Carbon disulfide	2.800	76	153790	5.060	ug/L	100
15) Methyl Acetate	2.964	43	18295	4.627	ug/L	95
16) Methylene chloride	3.054	84	55926	4.732	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	134010	5.248	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	54491	5.140	ug/L	99
19) 1,1-Dichloroethane	3.877	63	95583	5.302	ug/L	99
21) 2-Butanone	4.723	43	149073	55.327	ug/L	100
22) cis-1,2-Dichloroethene	4.671	96	60294	5.133	ug/L	97
23) Bromochloromethane	4.980	128	29418	5.242	ug/L	97
25) Chloroform	5.092	83	108581	5.562	ug/L	98

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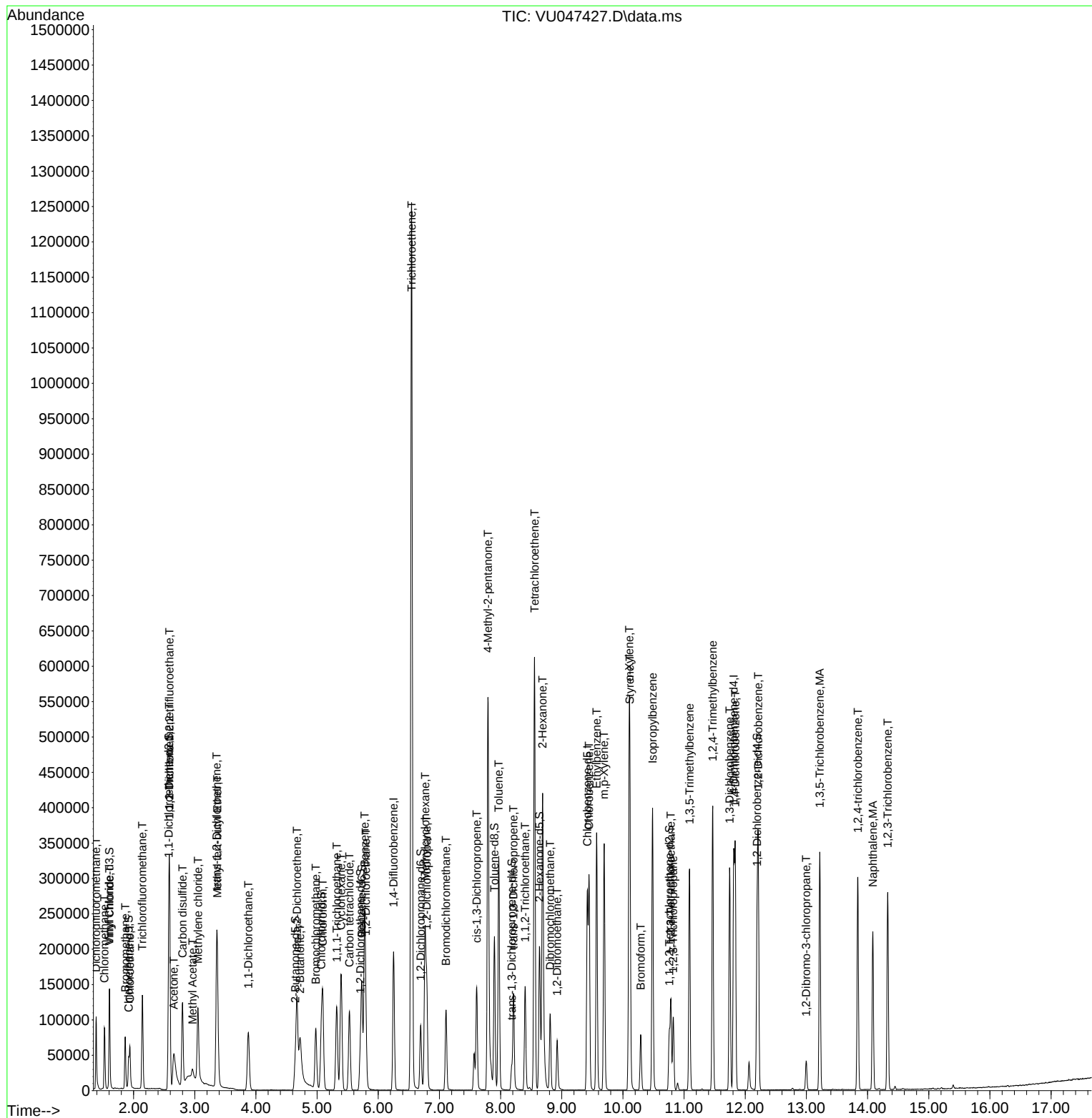
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	64974	5.170	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	87153	5.265	ug/L	98
30) Cyclohexane	5.395	56	84949	5.327	ug/L	97
31) Carbon tetrachloride	5.530	117	76161	5.238	ug/L	99
33) Benzene	5.777	78	223671	5.169	ug/L	100
34) Trichloroethene	6.546	95	422697	36.542	ug/L	99
35) Methylcyclohexane	6.768	83	94414	5.174	ug/L	98
37) 1,2-Dichloropropane	6.793	63	57233	5.311	ug/L	100
38) Bromodichloromethane	7.108	83	74111	5.180	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	85497	5.233	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	393454	53.557	ug/L	99
42) Toluene	7.970	91	245586	5.224	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	76098	5.164	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	46021	5.211	ug/L	94
47) Tetrachloroethene	8.555	164	141051	14.374	ug/L	99
48) 2-Hexanone	8.687	43	289853	54.383	ug/L	99
49) Dibromochloromethane	8.813	129	56423	5.259	ug/L	96
50) 1,2-Dibromoethane	8.925	107	46680	5.194	ug/L	98
51) Chlorobenzene	9.446	112	163411	5.196	ug/L	99
52) Ethylbenzene	9.571	91	261346	5.133	ug/L	99
53) m,p-Xylene	9.694	106	101926	5.104	ug/L	98
54) o-Xylene	10.102	106	100700	5.204	ug/L	98
55) Styrene	10.115	104	169667	5.187	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	62257	5.266	ug/L	99
59) Bromoform	10.292	173	35772	5.298	ug/L	98
60) Isopropylbenzene	10.485	105	261936	5.221	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	44338	5.338	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	170862	5.192	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	220238	5.159	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	133946	5.037	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	136349	5.049	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	131240	5.136	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	9789	5.227	ug/L	93
69) 1,3,5-Trichlorobenzene	13.218	180	112034	5.136	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	98085	5.045	ug/L	99
71) Naphthalene	14.086	128	180615	5.194	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	91431	5.129	ug/L	100

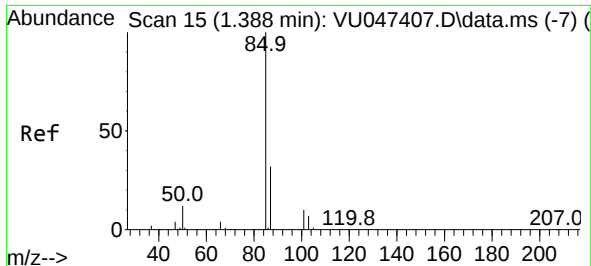
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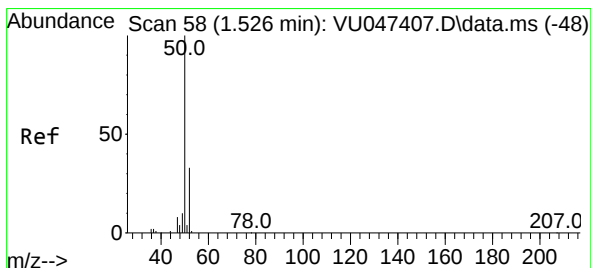
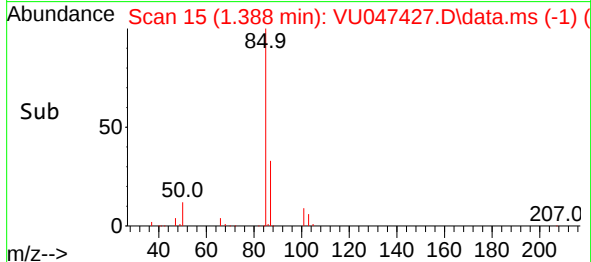
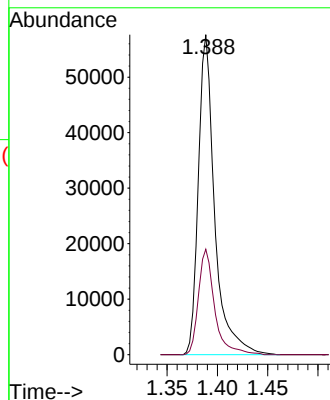
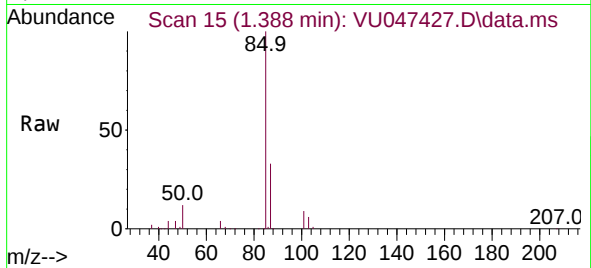




#2
Dichlorodifluoromethane
Concen: 5.143 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047427.D
Acq: 10 Mar 2022 00:14

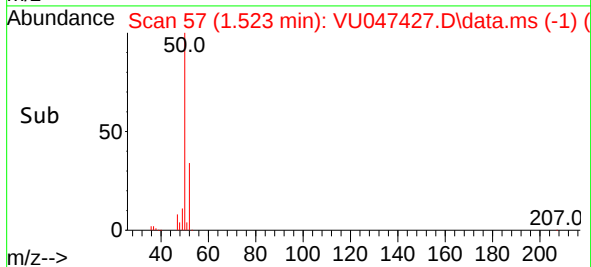
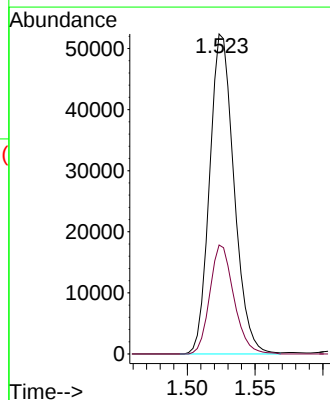
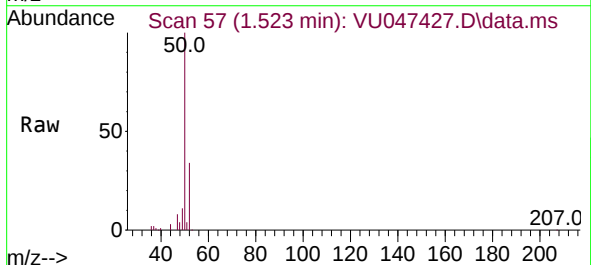
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MSVOA_U
ClientSampleId :

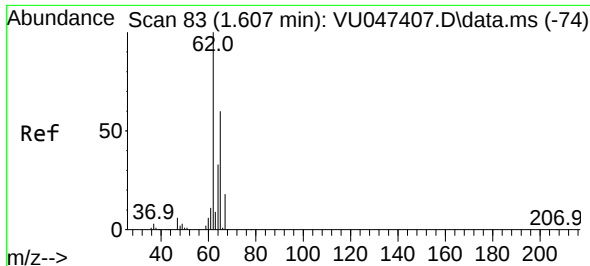
Tgt Ion: 85 Resp: 64934
Ion Ratio Lower Upper
85 100
87 32.8 25.6 38.4



#3
Chloromethane
Concen: 5.203 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.003 min
Lab File: VU047427.D
Acq: 10 Mar 2022 00:14

Tgt Ion: 50 Resp: 65607
Ion Ratio Lower Upper
50 100
52 34.1 22.5 41.9

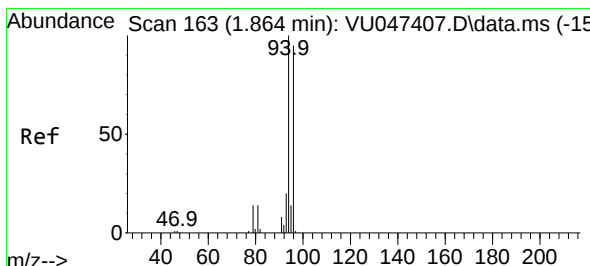
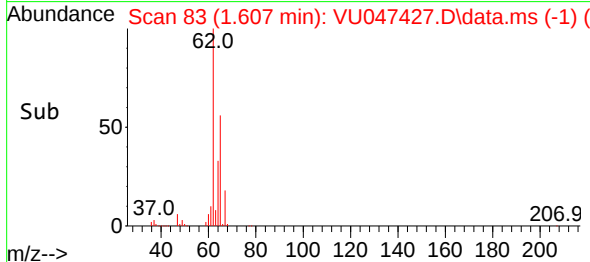
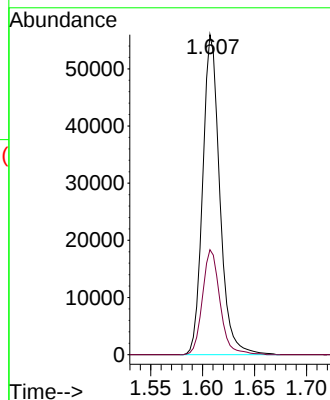
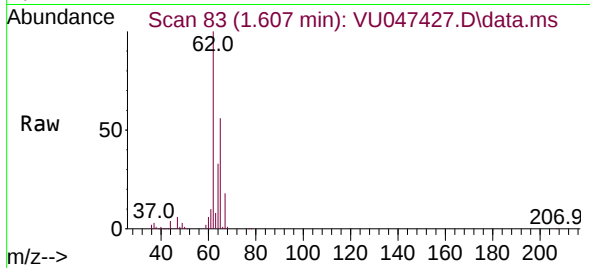




#5
 Vinyl chloride
 Concen: 5.166 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU047427.D
 Acq: 10 Mar 2022 00:14

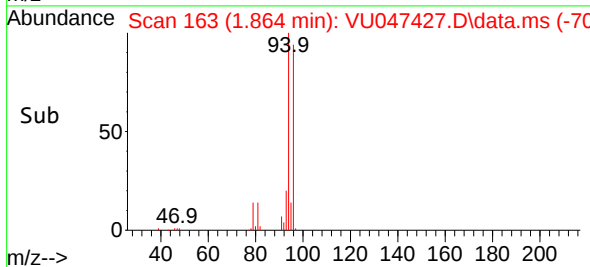
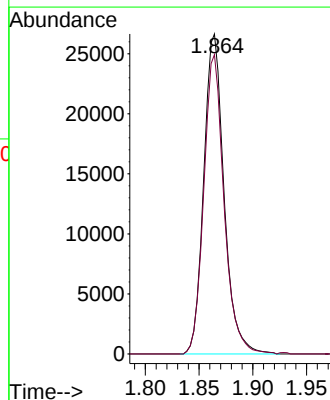
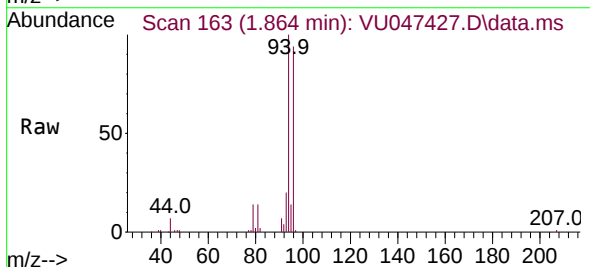
Instrument :
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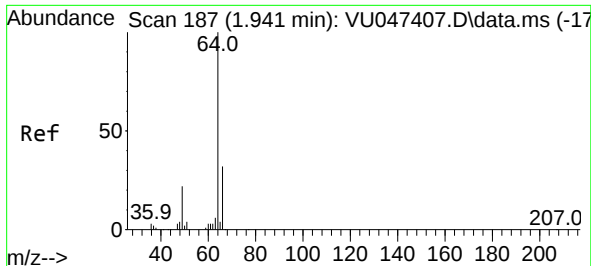
Tgt Ion: 62 Resp: 64072
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.7 43.9



#6
 Bromomethane
 Concen: 4.946 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU047427.D
 Acq: 10 Mar 2022 00:14

Tgt Ion: 94 Resp: 34979
 Ion Ratio Lower Upper
 94 100
 96 93.5 65.6 121.8

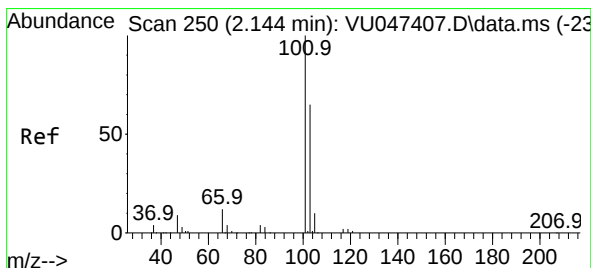
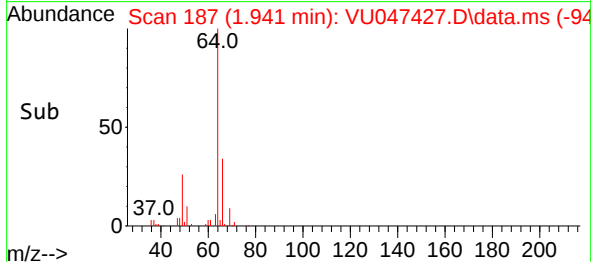
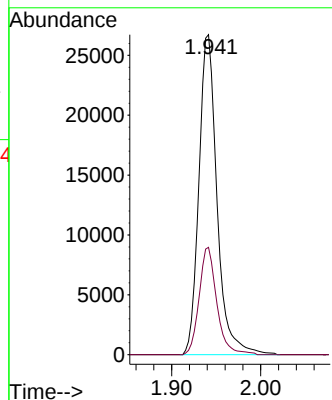
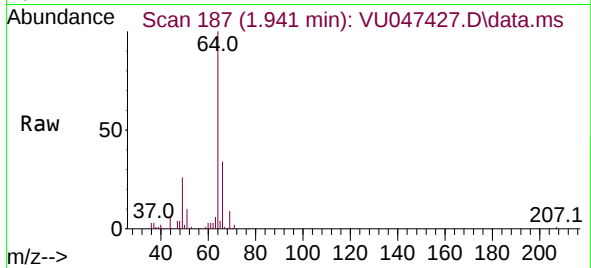




#8
Chloroethane
Concen: 5.022 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047427.D
Acq: 10 Mar 2022 00:14

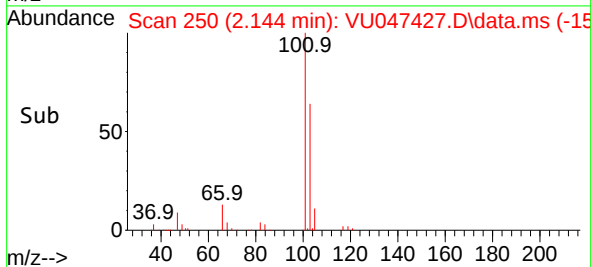
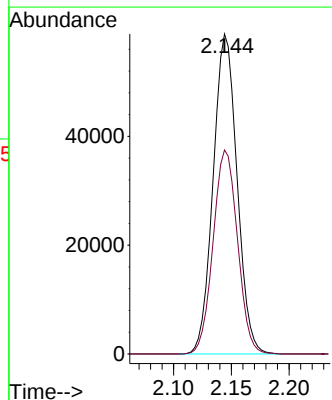
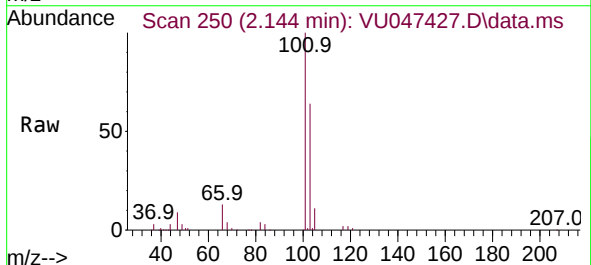
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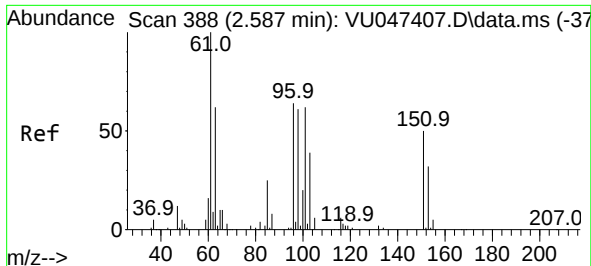
Tgt Ion: 64 Resp: 37830
Ion Ratio Lower Upper
64 100
66 33.6 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.180 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047427.D
Acq: 10 Mar 2022 00:14

Tgt Ion: 101 Resp: 84641
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.8

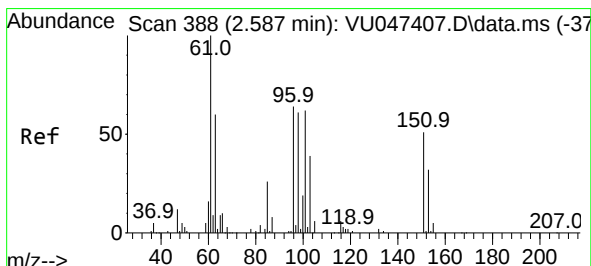
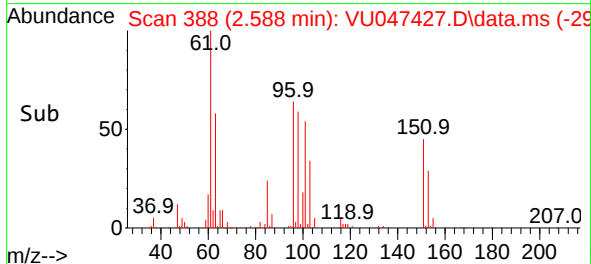
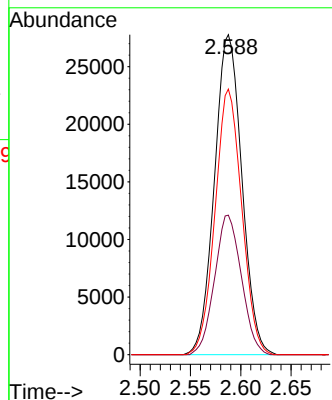
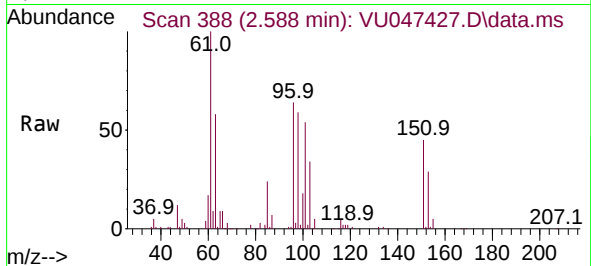




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.234 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU047427.D
 Acq: 10 Mar 2022 00:14

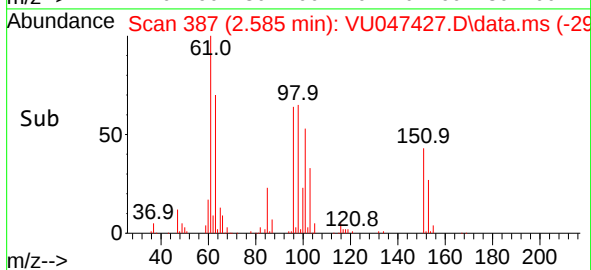
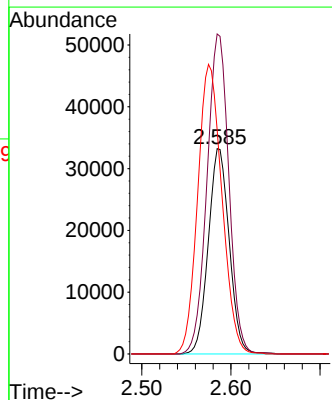
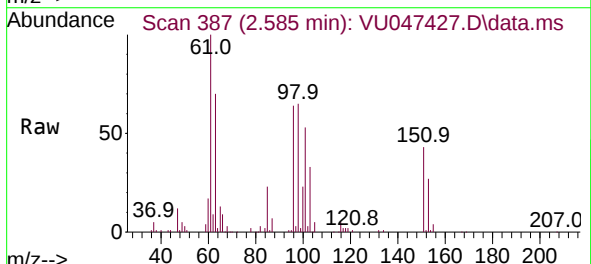
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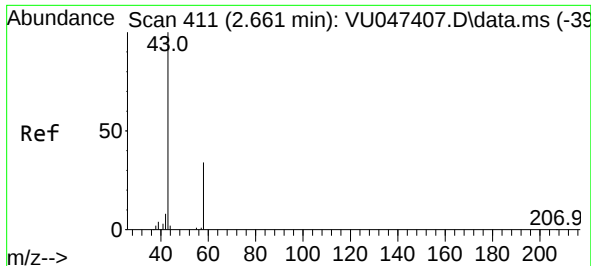
Tgt Ion:101 Resp: 52810
 Ion Ratio Lower Upper
 101 100
 85 42.5 33.8 50.6
 151 80.7 64.8 97.2



#12
 1,1-Dichloroethene
 Concen: 5.460 ug/L
 RT: 2.585 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU047427.D
 Acq: 10 Mar 2022 00:14

Tgt Ion: 96 Resp: 54065
 Ion Ratio Lower Upper
 96 100
 61 155.9 108.8 202.0
 63 109.1 64.0 119.0





#13

Acetone

Concen: 91.260 ug/L

RT: 2.658 min Scan# 411

Delta R.T. -0.003 min

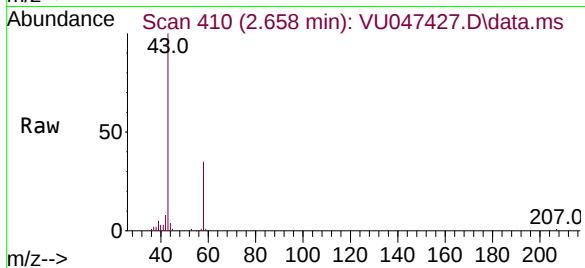
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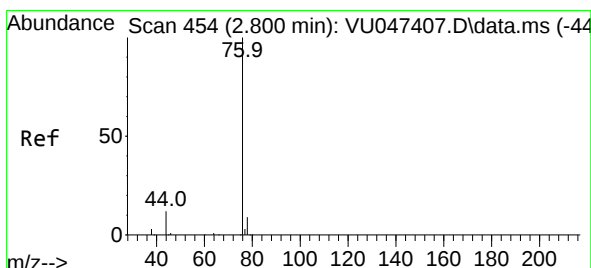
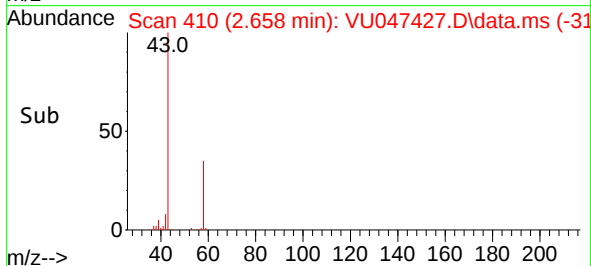
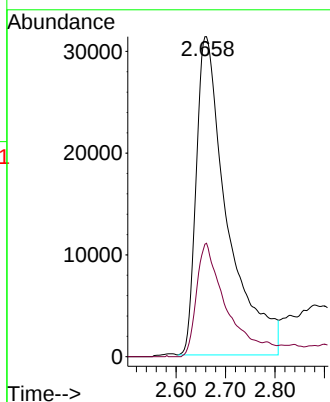


Tgt Ion: 43 Resp: 136543

Ion Ratio Lower Upper

43 100

58 33.1 0.0 72.6



#14

Carbon disulfide

Concen: 5.060 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047427.D

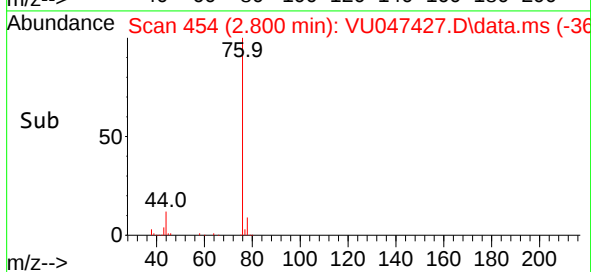
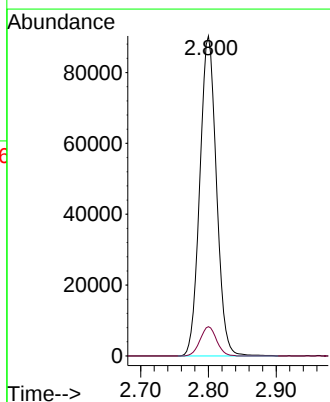
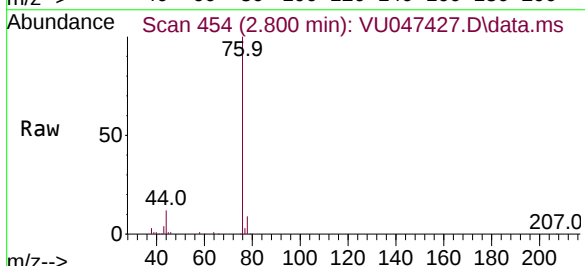
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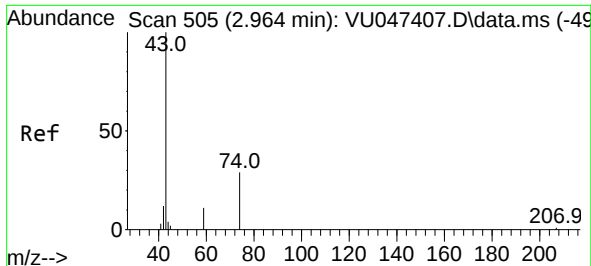
Tgt Ion: 76 Resp: 153790

Ion Ratio Lower Upper

76 100

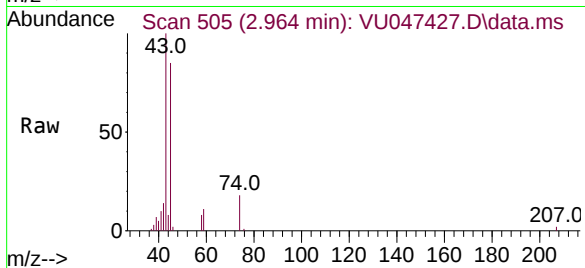
78 9.1 7.4 11.2



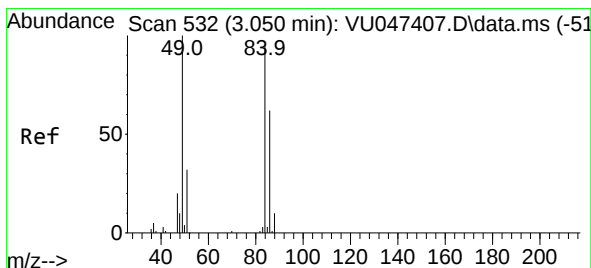
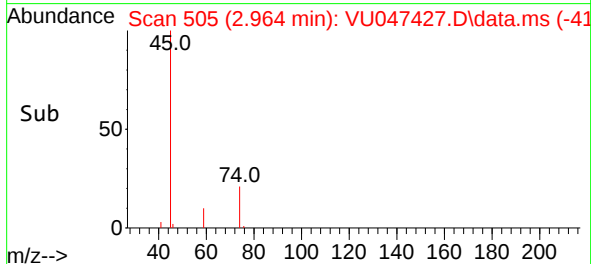
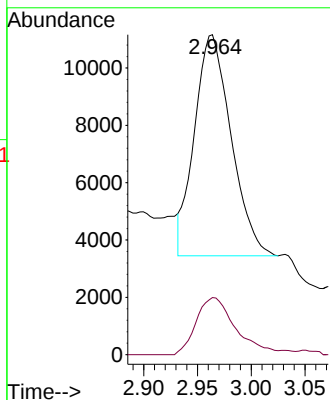


#15
Methyl Acetate
Concen: 4.627 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.000 min
Lab File: VU047427.D
Acq: 10 Mar 2022 00:14

Instrument :
MSVOA_U
ClientSampleId :

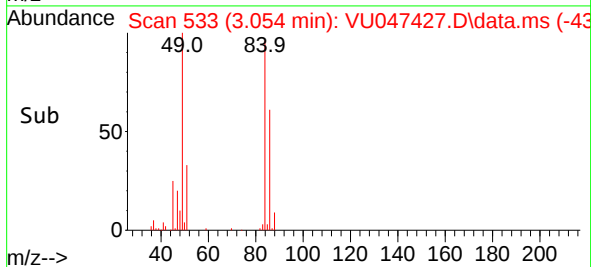
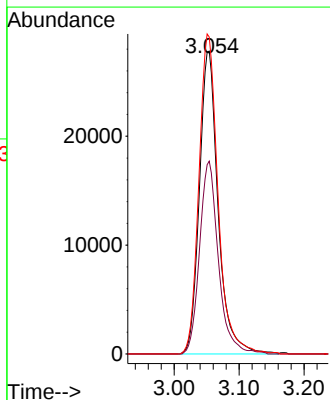
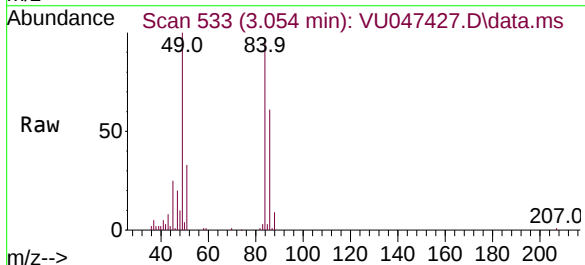


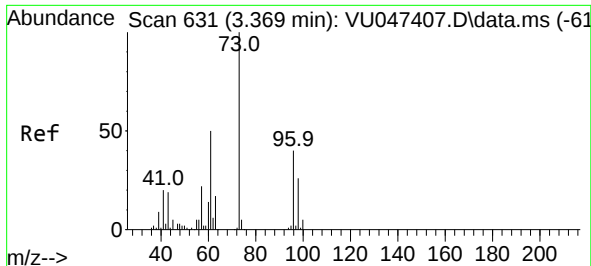
Tgt Ion: 43 Resp: 18295
Ion Ratio Lower Upper
43 100
74 27.7 20.2 30.2



#16
Methylene chloride
Concen: 4.732 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU047427.D
Acq: 10 Mar 2022 00:14

Tgt Ion: 84 Resp: 55926
Ion Ratio Lower Upper
84 100
86 63.7 45.9 85.3
49 104.7 76.4 141.8





#17

Methyl tert-butyl Ether

Concen: 5.248 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU047427.D

Acq: 10 Mar 2022 00:14

Instrument :

MSVOA_U

ClientSampleId :

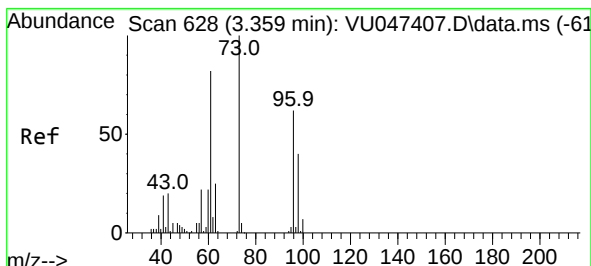
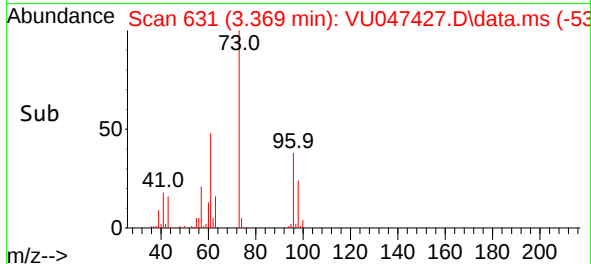
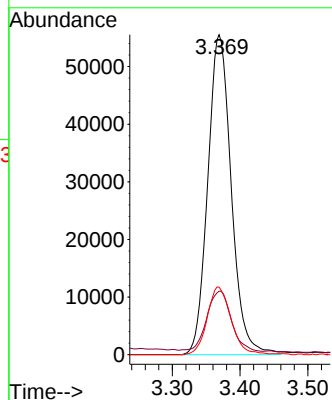
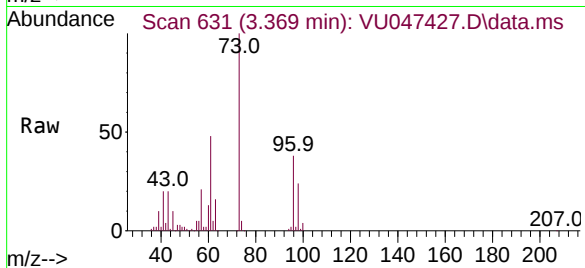
Tgt Ion: 73 Resp: 134010

Ion Ratio Lower Upper

73 100

43 19.5 14.6 22.0

57 21.5 16.5 24.7



#18

trans-1,2-Dichloroethene

Concen: 5.140 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU047427.D

Acq: 10 Mar 2022 00:14

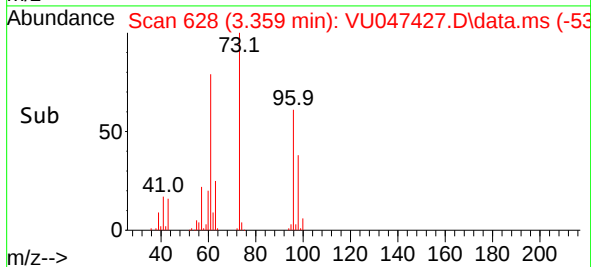
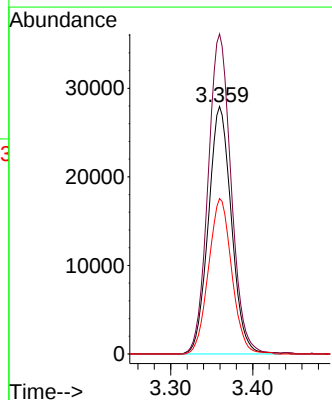
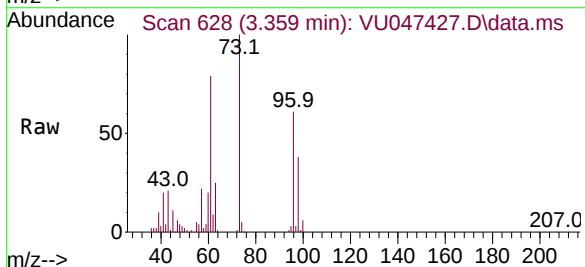
Tgt Ion: 96 Resp: 54491

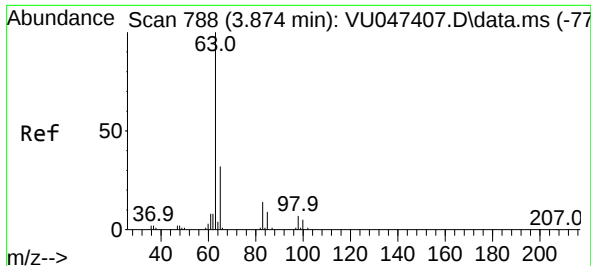
Ion Ratio Lower Upper

96 100

61 129.3 90.4 167.8

98 62.8 45.0 83.6





#19

1,1-Dichloroethane

Concen: 5.302 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.004 min

Lab File: VU047427.D

Acq: 10 Mar 2022 00:14

Instrument :

MSVOA_U

ClientSampleId :

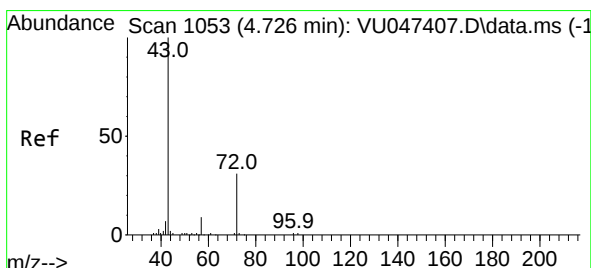
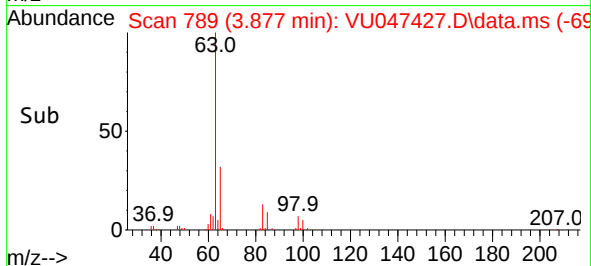
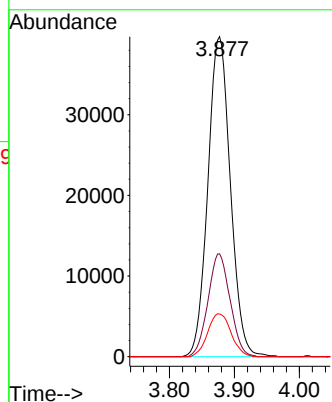
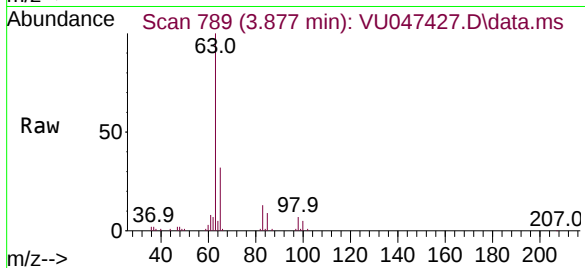
Tgt Ion: 63 Resp: 95583

Ion Ratio Lower Upper

63 100

65 32.2 22.8 42.4

83 13.4 9.9 18.3



#21

2-Butanone

Concen: 55.327 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. -0.003 min

Lab File: VU047427.D

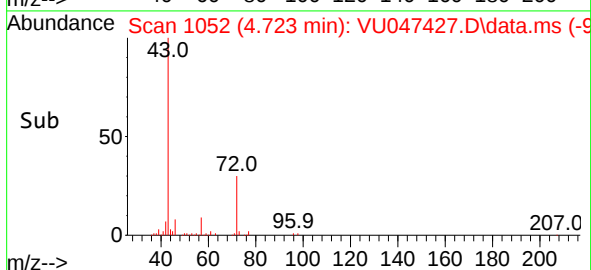
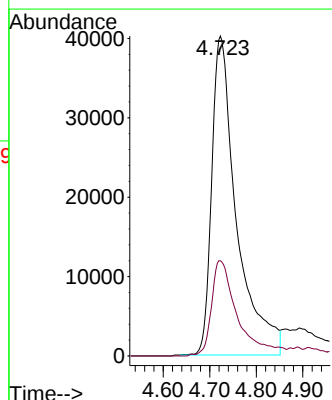
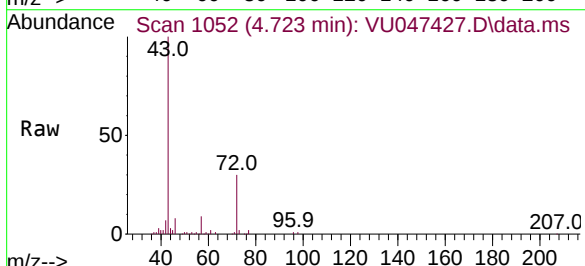
Acq: 10 Mar 2022 00:14

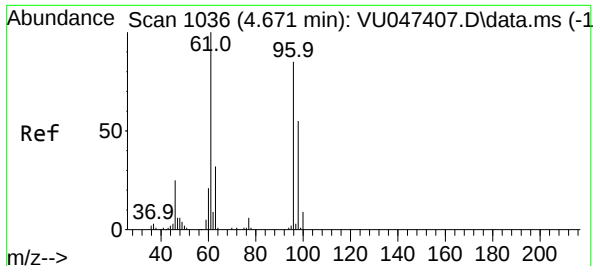
Tgt Ion: 43 Resp: 149073

Ion Ratio Lower Upper

43 100

72 29.2 14.7 44.1





#22

cis-1,2-Dichloroethene

Concen: 5.133 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047427.D

Acq: 10 Mar 2022 00:14

Instrument :

MSVOA_U

ClientSampleId :

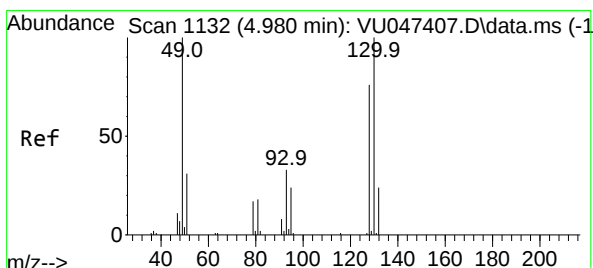
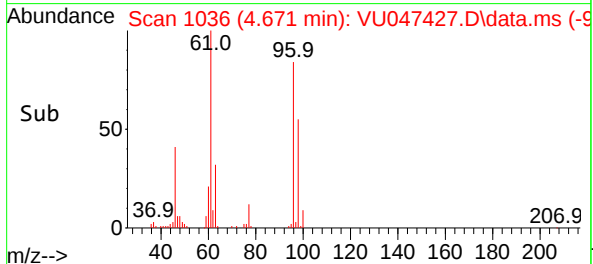
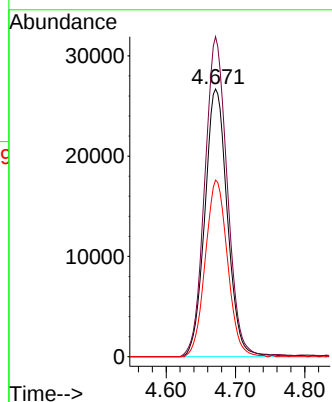
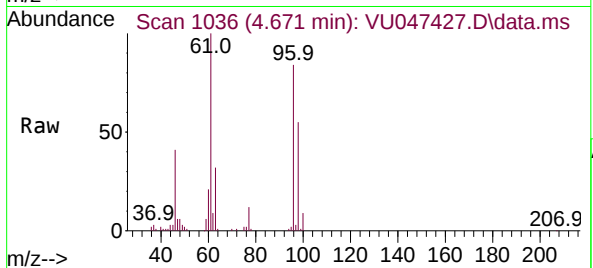
Tgt Ion: 96 Resp: 60294

Ion Ratio Lower Upper

96 100

61 119.6 80.8 150.0

98 66.0 44.7 83.1



#23

Bromochloromethane

Concen: 5.242 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU047427.D

Acq: 10 Mar 2022 00:14

Tgt Ion: 128 Resp: 29418

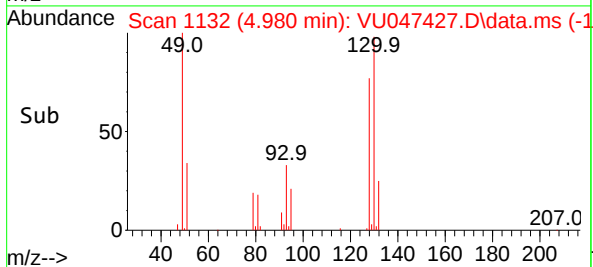
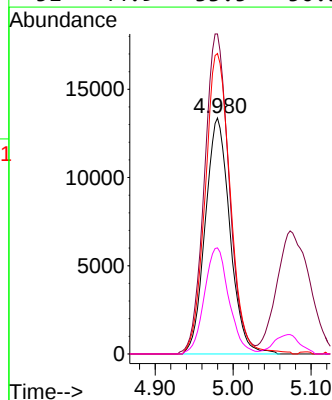
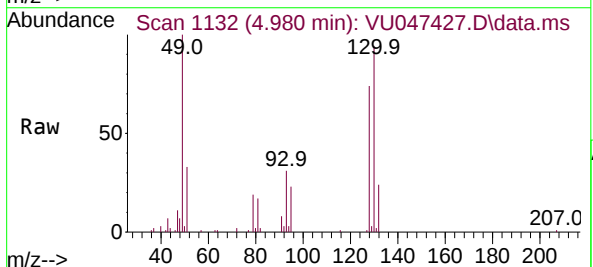
Ion Ratio Lower Upper

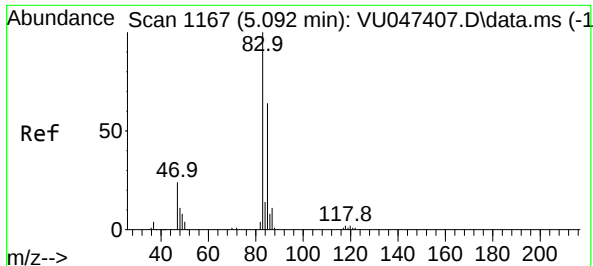
128 100

49 135.6 91.6 170.2

130 127.3 89.6 166.4

51 44.9 33.5 50.3





#25

Chloroform

Concen: 5.562 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047427.D

Acq: 10 Mar 2022 00:14

Instrument :

MSVOA_U

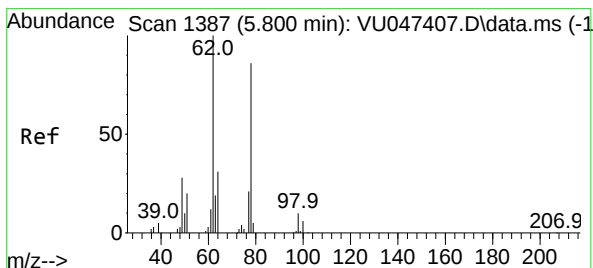
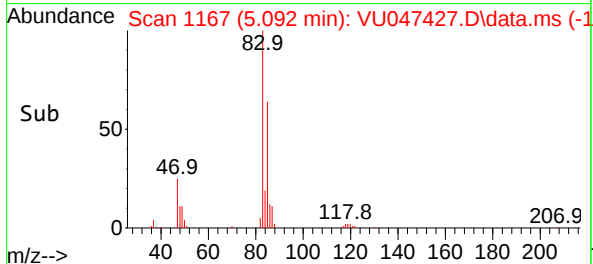
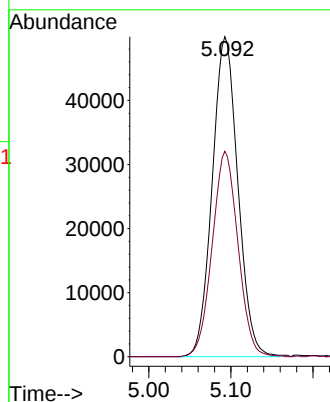
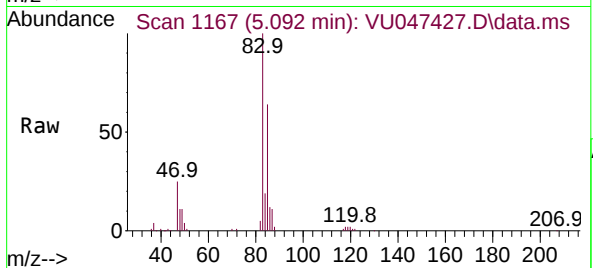
ClientSampleId :

Tgt Ion: 83 Resp: 108581

Ion Ratio Lower Upper

83 100

85 64.2 46.2 85.8



#27

1,2-Dichloroethane

Concen: 5.170 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU047427.D

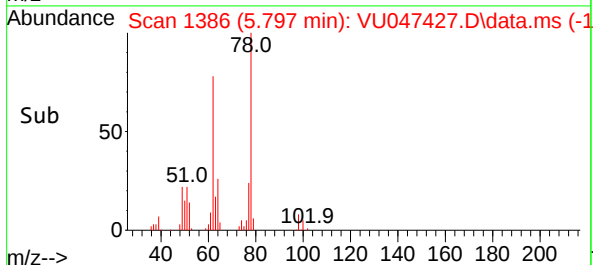
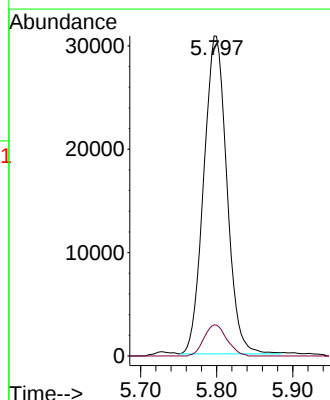
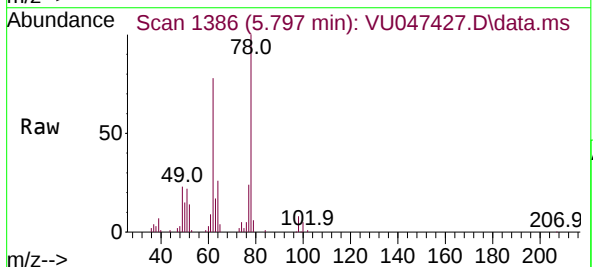
Acq: 10 Mar 2022 00:14

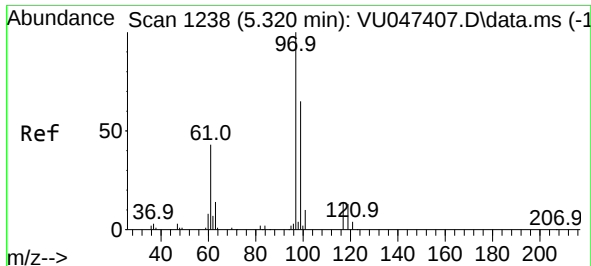
Tgt Ion: 62 Resp: 64974

Ion Ratio Lower Upper

62 100

98 9.7 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.265 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU047427.D

Acq: 10 Mar 2022 00:14

Instrument :

MSVOA_U

ClientSampleId :

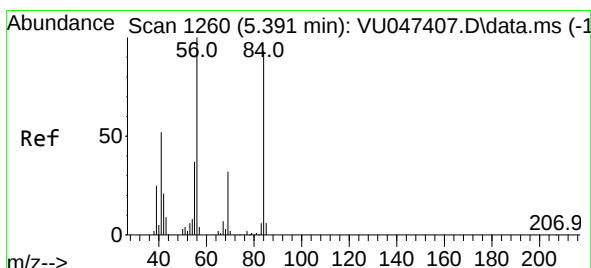
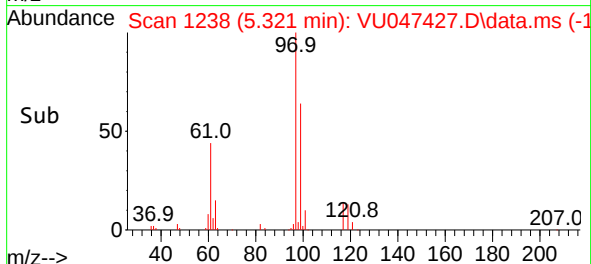
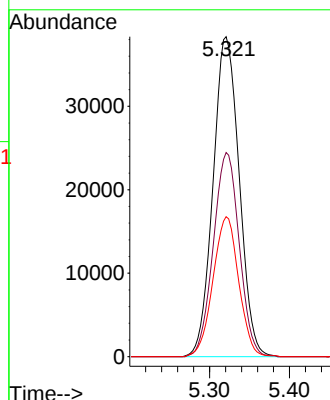
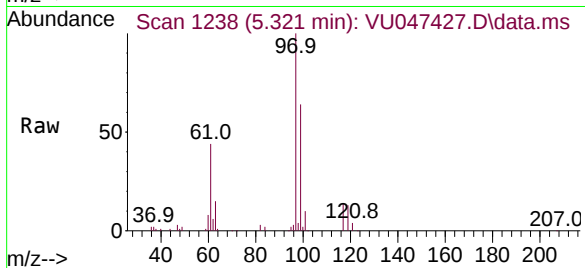
Tgt Ion: 97 Resp: 87153

Ion Ratio Lower Upper

97 100

99 63.2 52.1 78.1

61 43.0 33.8 50.6



#30

Cyclohexane

Concen: 5.327 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.003 min

Lab File: VU047427.D

Acq: 10 Mar 2022 00:14

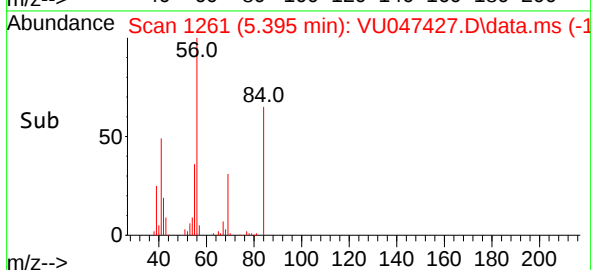
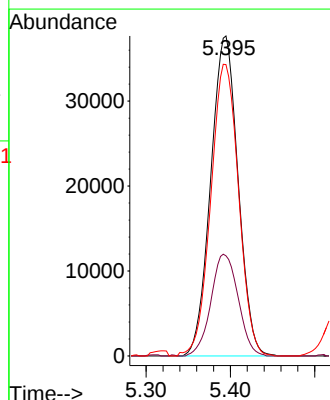
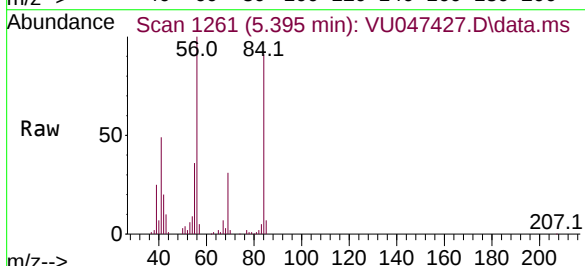
Tgt Ion: 56 Resp: 84949

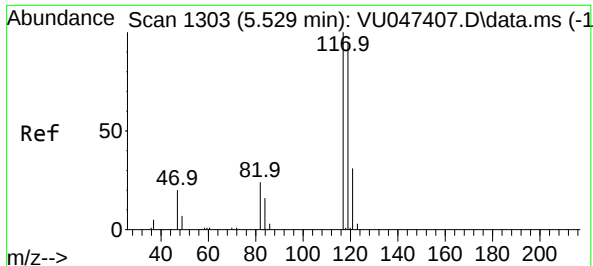
Ion Ratio Lower Upper

56 100

69 31.6 26.0 39.0

84 92.4 76.3 114.5

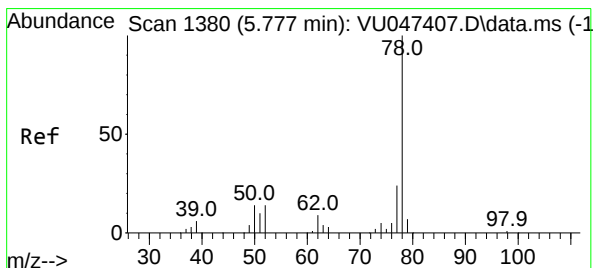
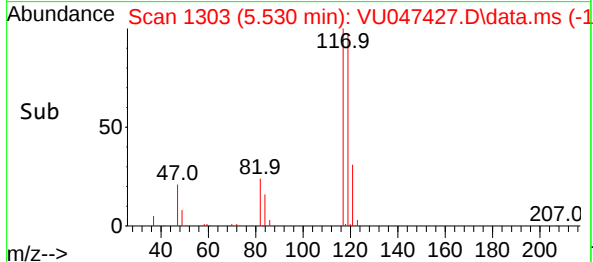
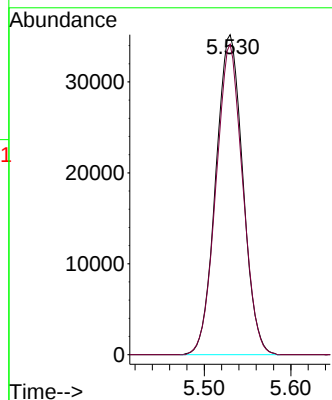
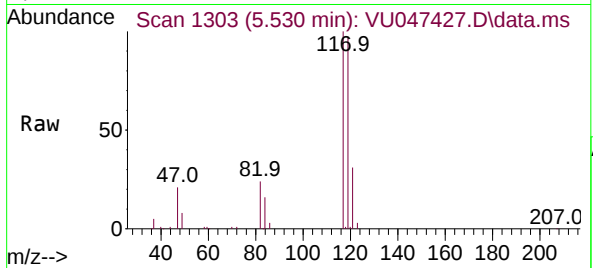




#31
Carbon tetrachloride
Concen: 5.238 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU047427.D
Acq: 10 Mar 2022 00:14

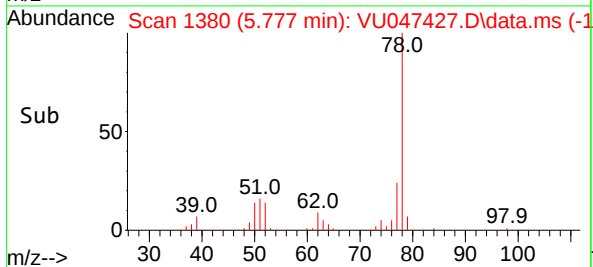
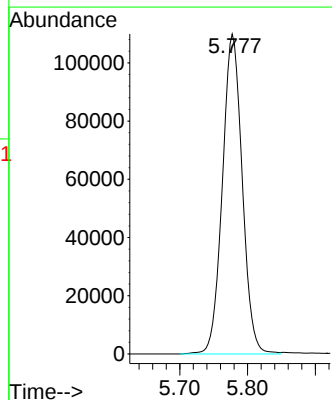
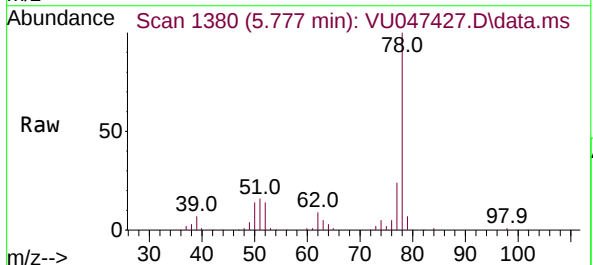
Instrument :
MSVOA_U
ClientSampleId :

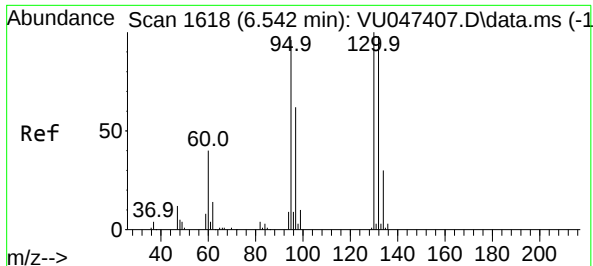
Tgt Ion:117 Resp: 76161
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.8



#33
Benzene
Concen: 5.169 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047427.D
Acq: 10 Mar 2022 00:14

Tgt Ion: 78 Resp: 223671

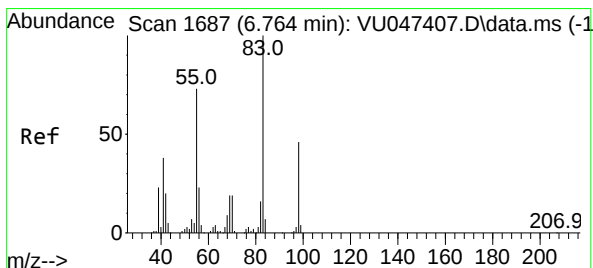
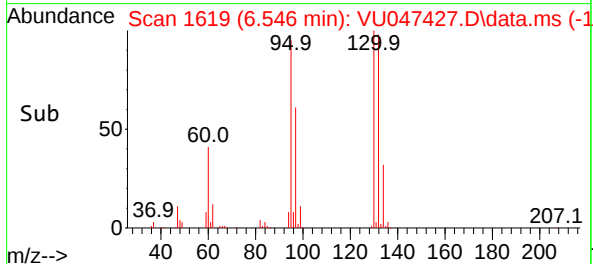
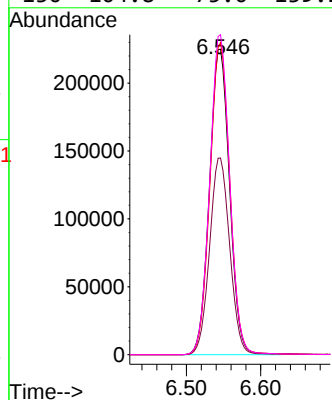
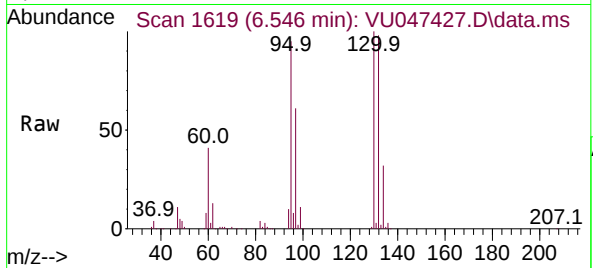




#34
Trichloroethene
Concen: 36.542 ug/L
RT: 6.546 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU047427.D
Acq: 10 Mar 2022 00:14

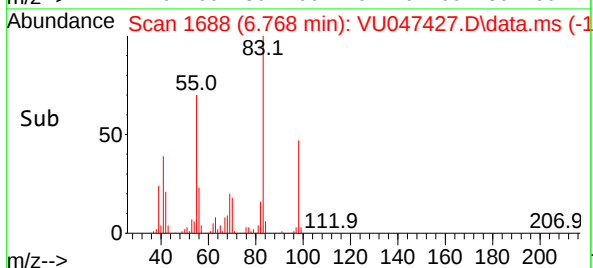
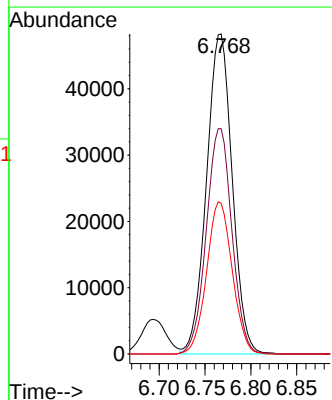
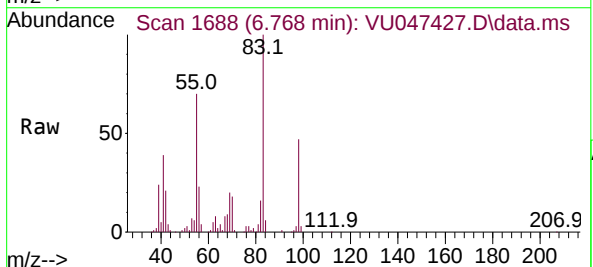
Instrument :
MSVOA_U
ClientSampleId :

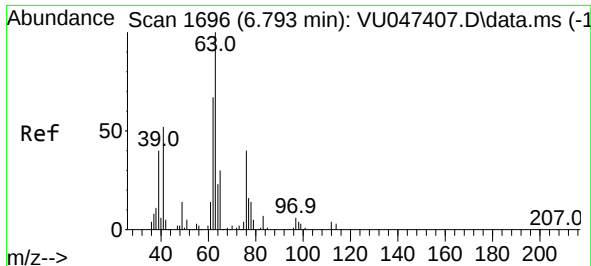
Tgt Ion: 95 Resp: 422697
Ion Ratio Lower Upper
95 100
97 64.4 46.3 85.9
132 102.2 71.7 133.1
130 104.8 75.0 139.2



#35
Methylcyclohexane
Concen: 5.174 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VU047427.D
Acq: 10 Mar 2022 00:14

Tgt Ion: 83 Resp: 94414
Ion Ratio Lower Upper
83 100
55 70.2 57.8 86.8
98 47.2 38.0 57.0





#37

1,2-Dichloropropane

Concen: 5.311 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047427.D

Acq: 10 Mar 2022 00:14

Instrument :

MSVOA_U

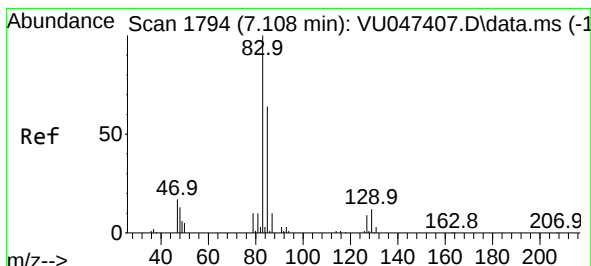
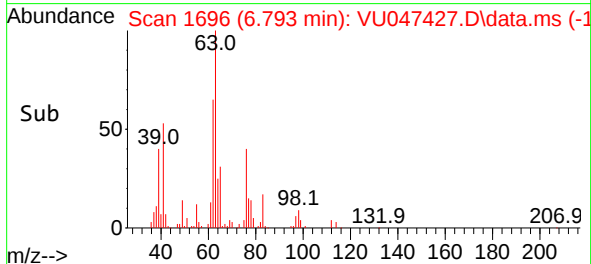
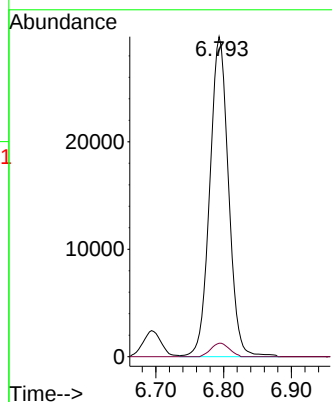
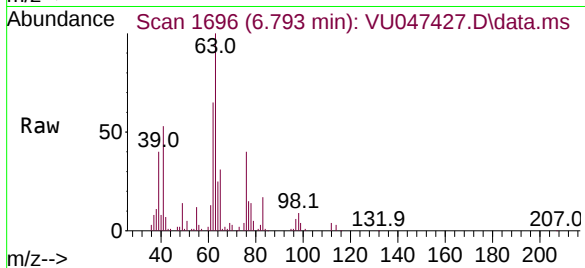
ClientSampleId :

Tgt Ion: 63 Resp: 57233

Ion Ratio Lower Upper

63 100

112 4.2 3.3 4.9



#38

Bromodichloromethane

Concen: 5.180 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047427.D

Acq: 10 Mar 2022 00:14

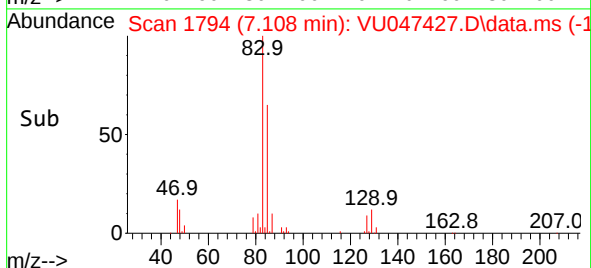
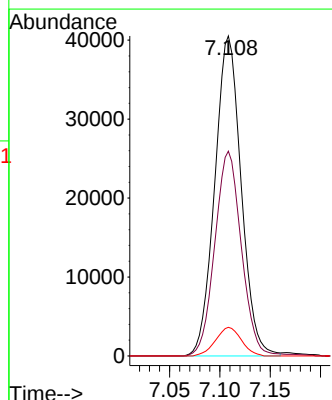
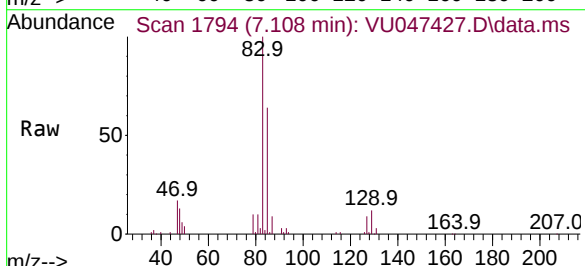
Tgt Ion: 83 Resp: 74111

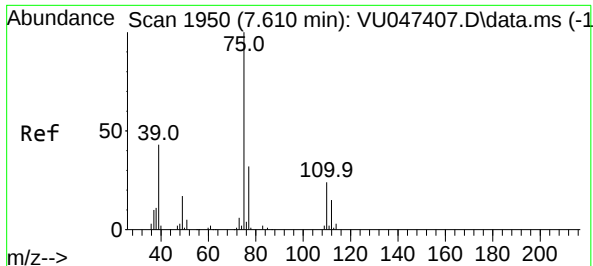
Ion Ratio Lower Upper

83 100

85 64.0 45.0 83.6

127 9.0 7.4 11.0

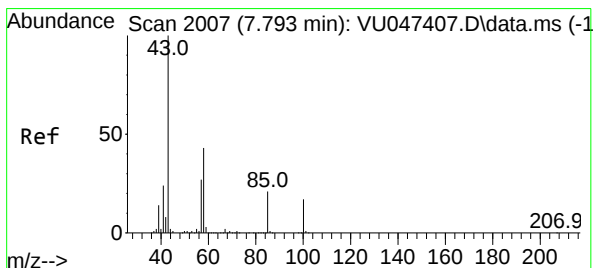
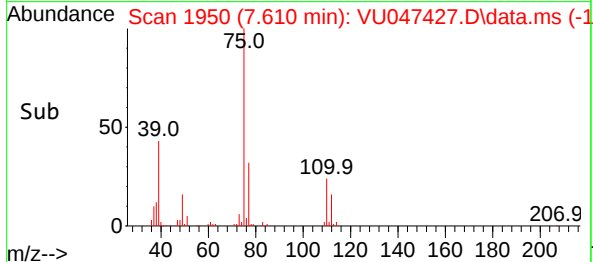
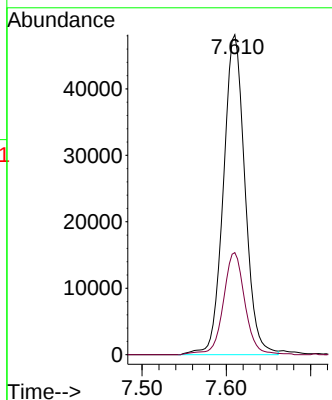
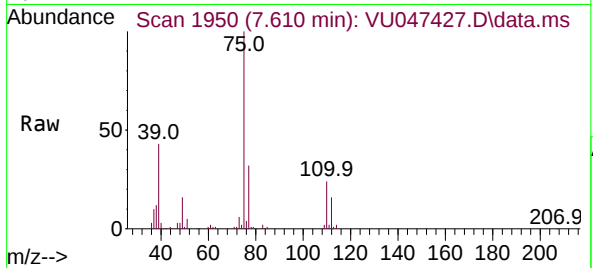




#39
 cis-1,3-Dichloropropene
 Concen: 5.233 ug/L
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU047427.D
 Acq: 10 Mar 2022 00:14

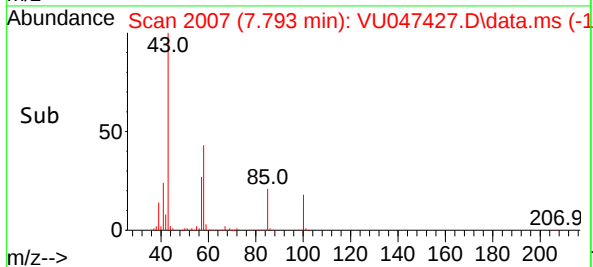
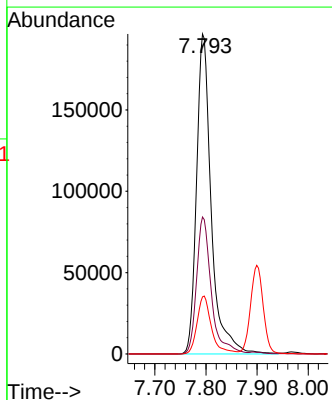
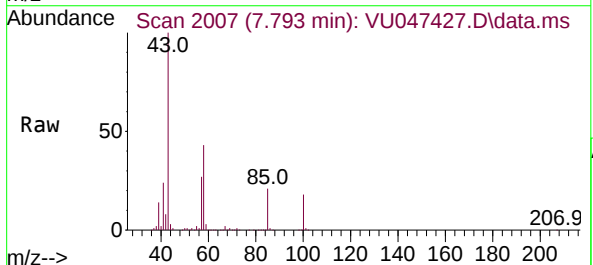
Instrument :
 MSVOA_U
 ClientSampleId :

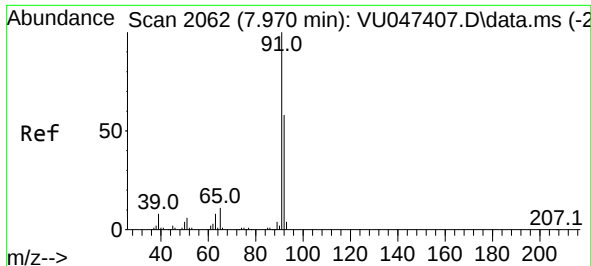
Tgt Ion: 75 Resp: 85497
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.6 42.0



#40
 4-Methyl-2-pentanone
 Concen: 53.557 ug/L
 RT: 7.793 min Scan# 2007
 Delta R.T. 0.000 min
 Lab File: VU047427.D
 Acq: 10 Mar 2022 00:14

Tgt Ion: 43 Resp: 393454
 Ion Ratio Lower Upper
 43 100
 58 42.8 34.8 52.2
 100 17.7 14.2 21.4





#42

Toluene

Concen: 5.224 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047427.D

Acq: 10 Mar 2022 00:14

Instrument :

MSVOA_U

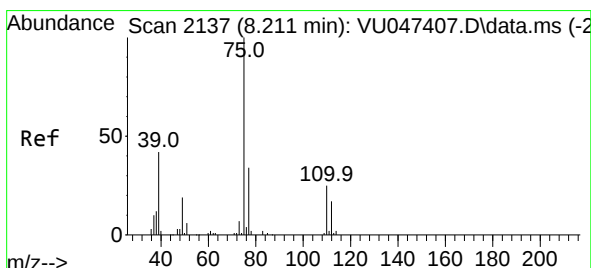
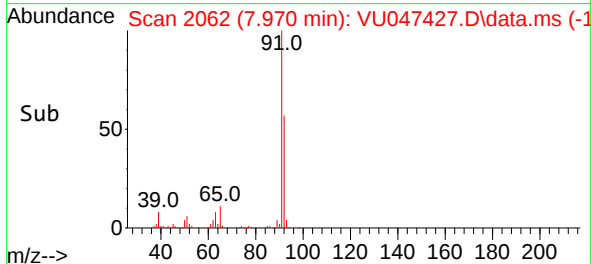
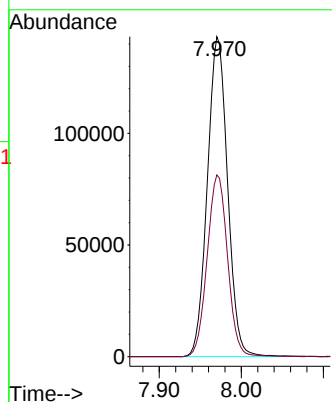
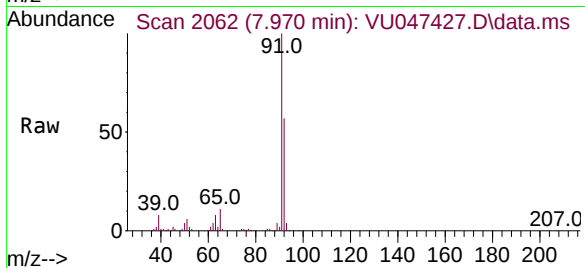
ClientSampleId :

Tgt Ion: 91 Resp: 245586

Ion Ratio Lower Upper

91 100

92 56.8 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.164 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047427.D

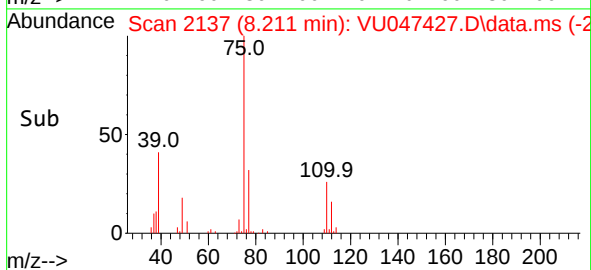
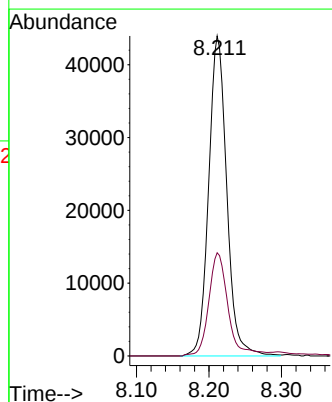
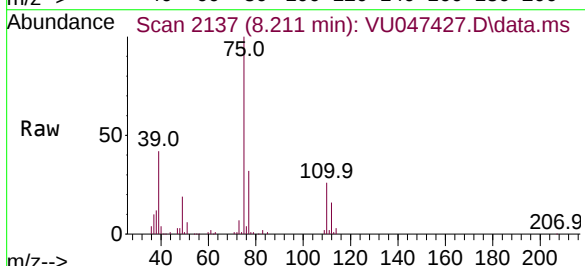
Acq: 10 Mar 2022 00:14

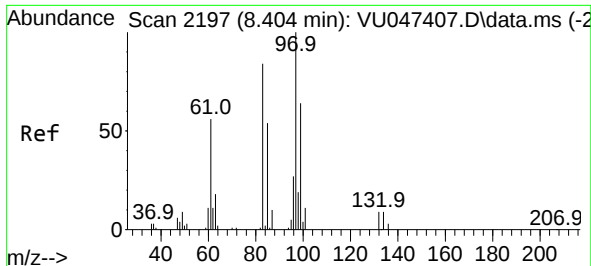
Tgt Ion: 75 Resp: 76098

Ion Ratio Lower Upper

75 100

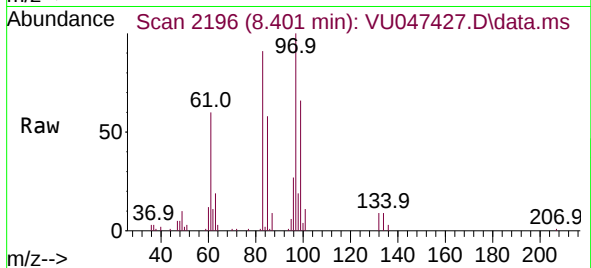
77 32.2 23.6 43.8



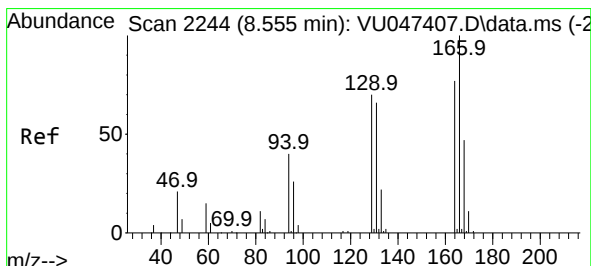
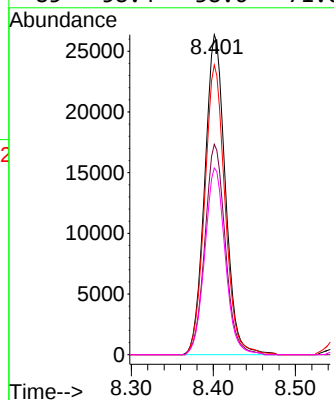
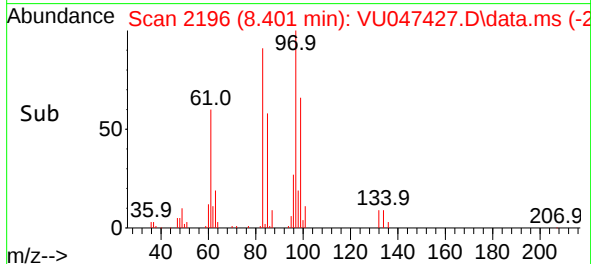


#45
1,1,2-Trichloroethane
Concen: 5.211 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU047427.D
Acq: 10 Mar 2022 00:14

Instrument :
MSVOA_U
ClientSampleId :

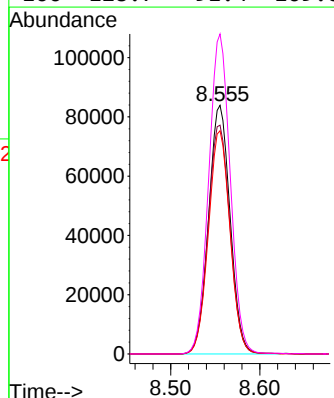
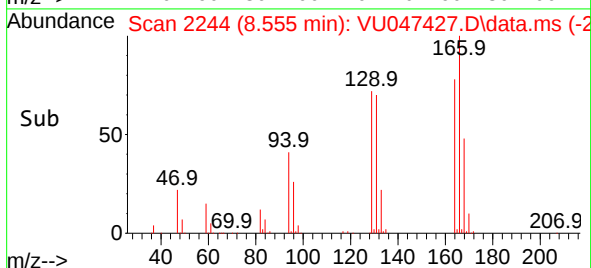
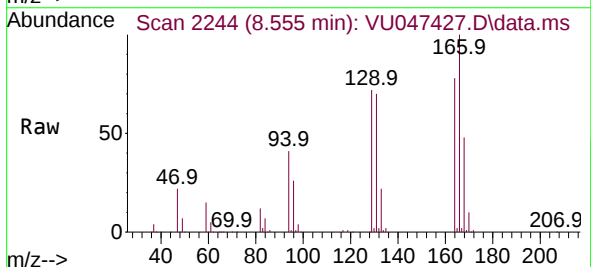


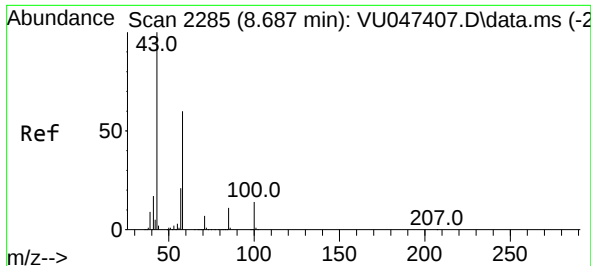
Tgt Ion:	97	Resp:	46021
Ion	Ratio	Lower	Upper
97	100		
99	65.7	43.3	80.5
83	90.5	59.1	109.9
85	58.4	38.6	71.6



#47
Tetrachloroethene
Concen: 14.374 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047427.D
Acq: 10 Mar 2022 00:14

Tgt Ion:	164	Resp:	141051
Ion	Ratio	Lower	Upper
164	100		
129	92.1	64.9	120.5
131	89.8	63.6	118.2
166	128.7	91.4	169.8





#48

2-Hexanone

Concen: 54.383 ug/L

RT: 8.687 min Scan# 21

Delta R.T. 0.000 min

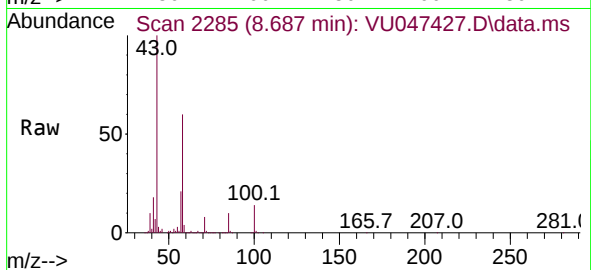
Lab File: VU047427.D

Acq: 10 Mar 2022 00:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 289853

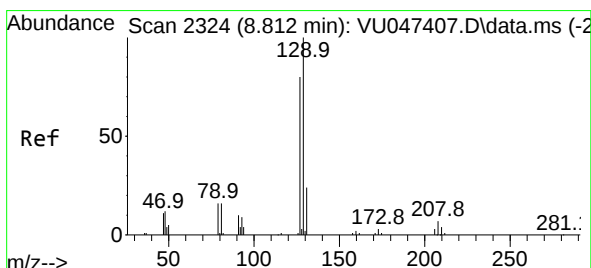
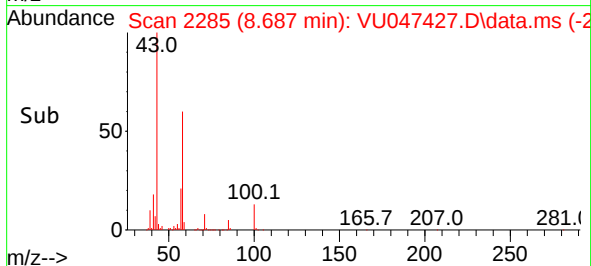
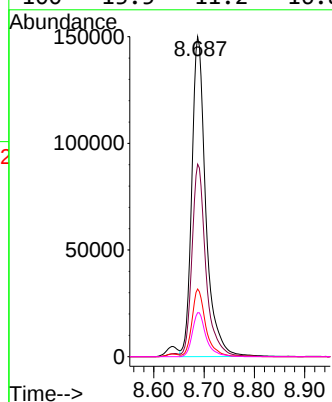
Ion Ratio Lower Upper

43 100

58 58.5 47.7 71.5

57 20.4 16.6 25.0

100 13.5 11.2 16.8



#49

Dibromochloromethane

Concen: 5.259 ug/L

RT: 8.813 min Scan# 2324

Delta R.T. 0.000 min

Lab File: VU047427.D

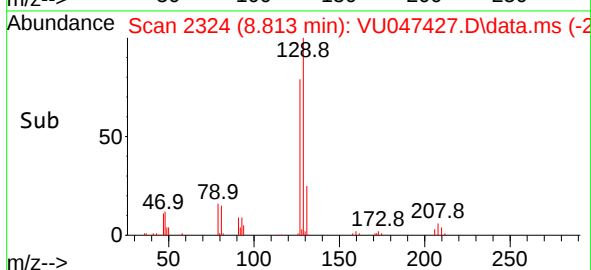
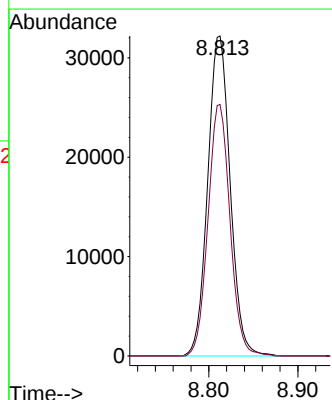
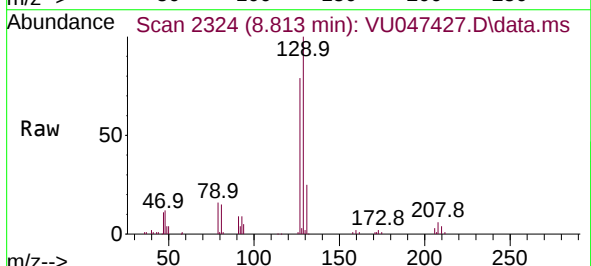
Acq: 10 Mar 2022 00:14

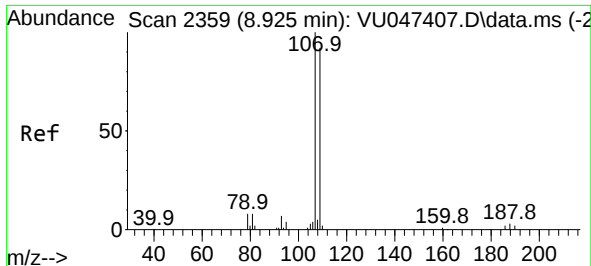
Tgt Ion:129 Resp: 56423

Ion Ratio Lower Upper

129 100

127 78.6 52.6 97.8





#50

1,2-Dibromoethane

Concen: 5.194 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047427.D

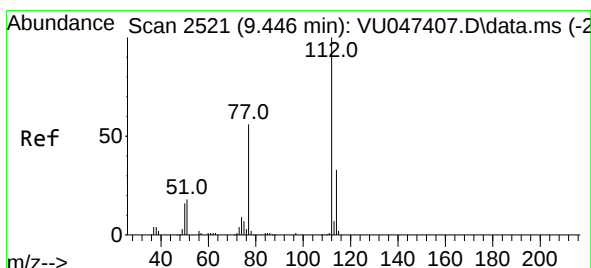
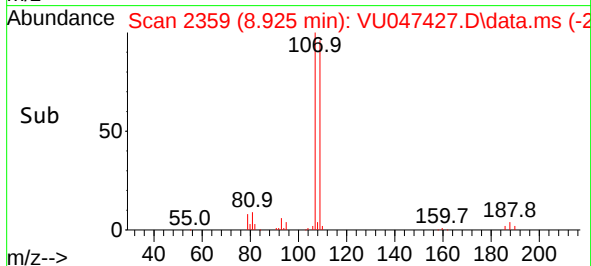
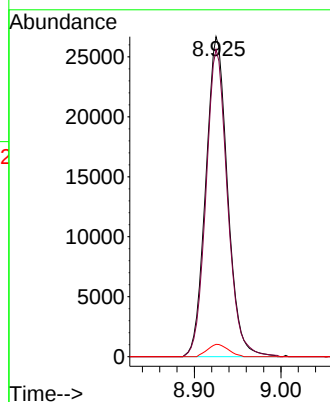
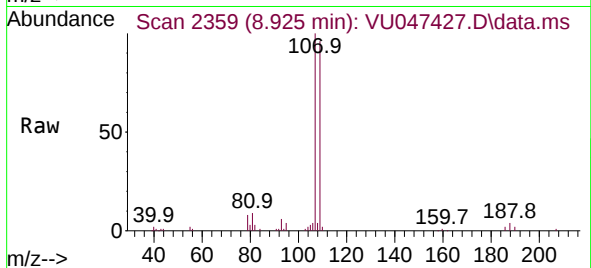
Acq: 10 Mar 2022 00:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	46680
Ion Ratio	Lower	Upper
107	100	
109	96.0	65.8 122.2
188	3.8	3.3 4.9



#51

Chlorobenzene

Concen: 5.196 ug/L

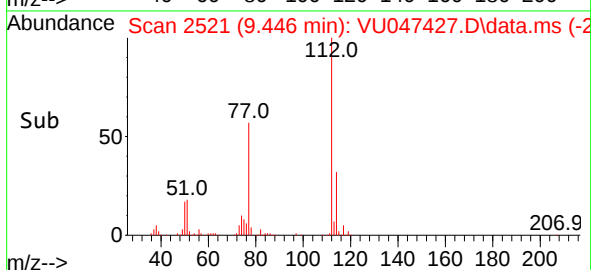
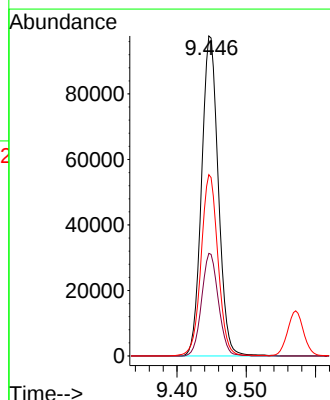
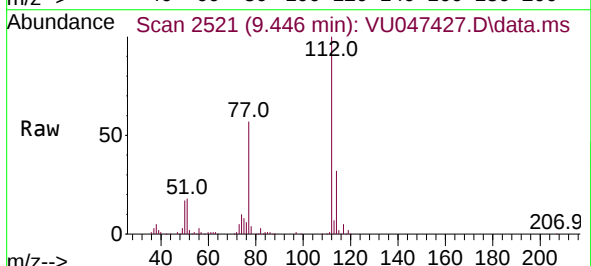
RT: 9.446 min Scan# 2521

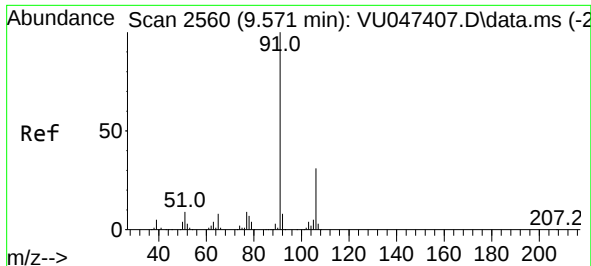
Delta R.T. 0.000 min

Lab File: VU047427.D

Acq: 10 Mar 2022 00:14

Tgt Ion:112	Resp:	163411
Ion Ratio	Lower	Upper
112	100	
114	32.1	22.8 42.4
77	56.7	45.0 67.6

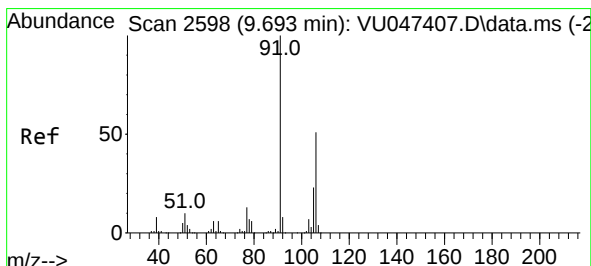
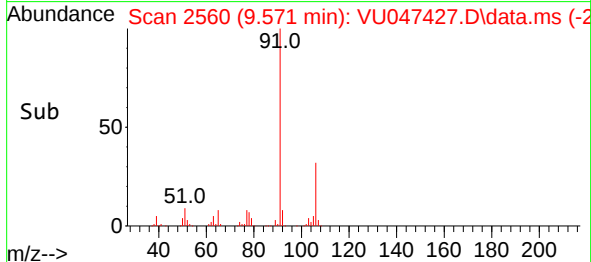
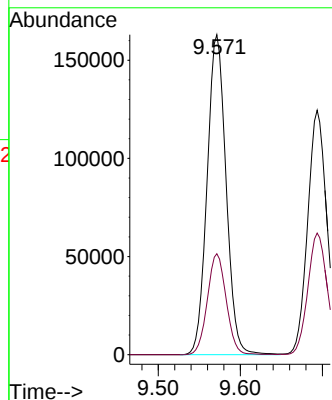
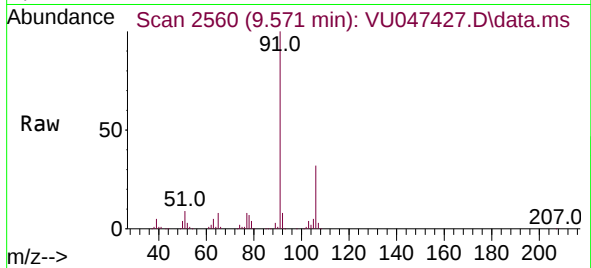




#52
Ethylbenzene
Concen: 5.133 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047427.D
Acq: 10 Mar 2022 00:14

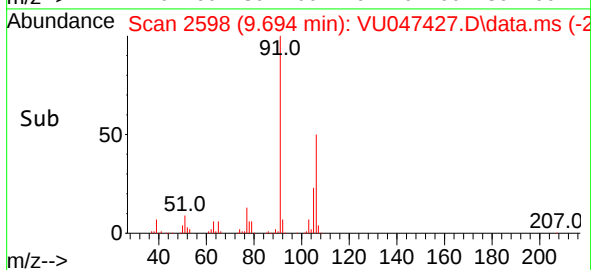
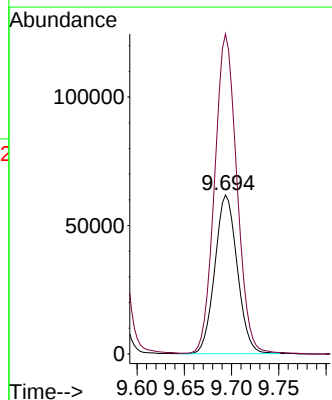
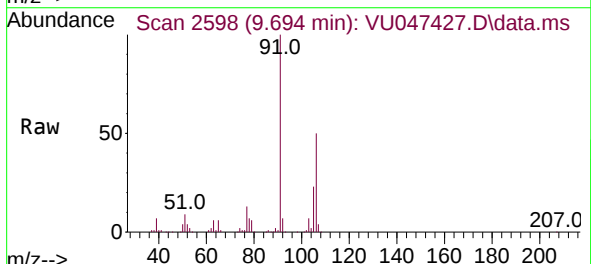
Instrument :
MSVOA_U
ClientSampleId :

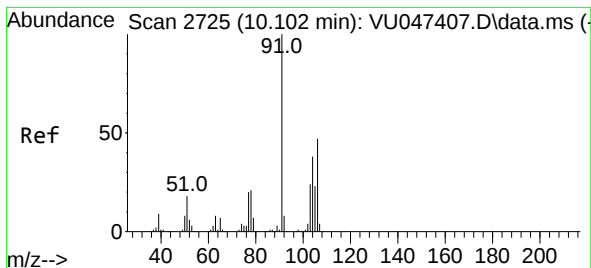
Tgt Ion: 91 Resp: 261346
Ion Ratio Lower Upper
91 100
106 31.6 22.4 41.6



#53
m,p-Xylene
Concen: 5.104 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU047427.D
Acq: 10 Mar 2022 00:14

Tgt Ion:106 Resp: 101926
Ion Ratio Lower Upper
106 100
91 201.2 138.8 257.8





#54

o-Xylene

Concen: 5.204 ug/L

RT: 10.102 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047427.D

Acq: 10 Mar 2022 00:14

Instrument :

MSVOA_U

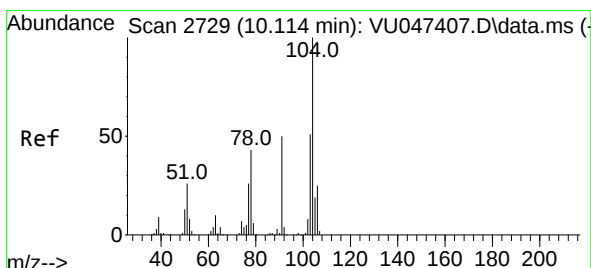
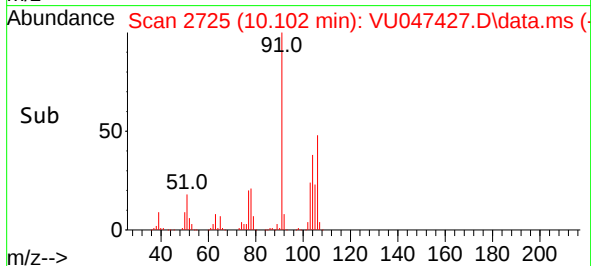
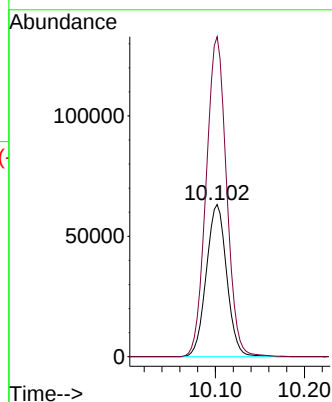
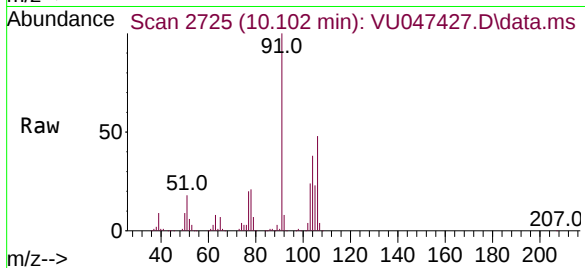
ClientSampleId :

Tgt Ion:106 Resp: 100700

Ion Ratio Lower Upper

106 100

91 210.2 149.2 277.0



#55

Styrene

Concen: 5.187 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU047427.D

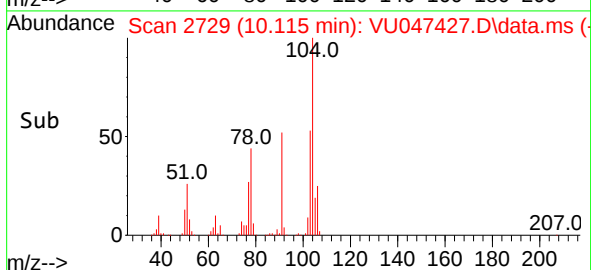
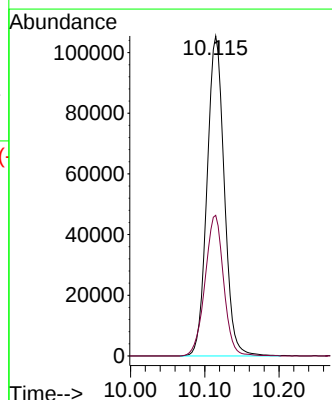
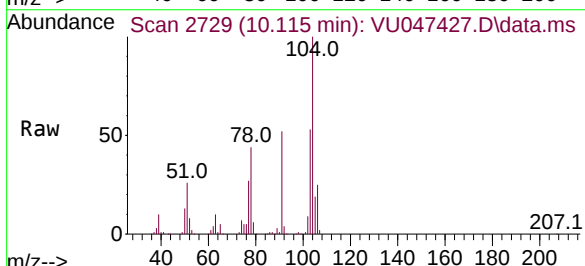
Acq: 10 Mar 2022 00:14

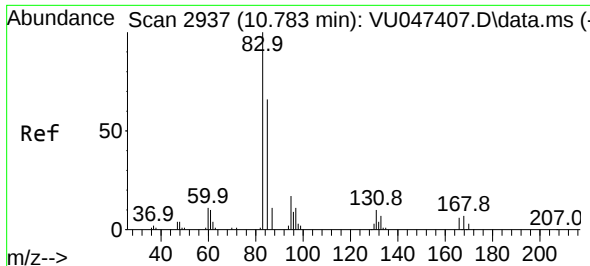
Tgt Ion:104 Resp: 169667

Ion Ratio Lower Upper

104 100

78 44.0 30.4 56.4

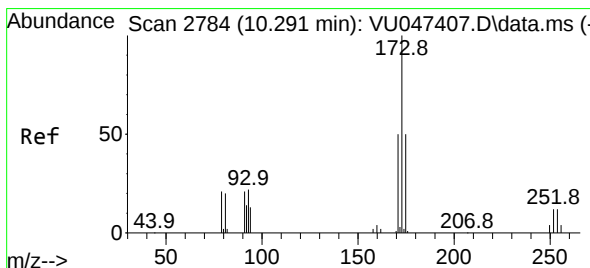
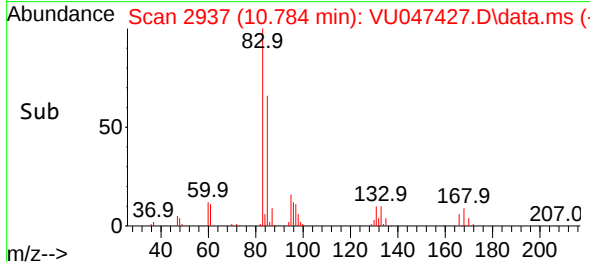
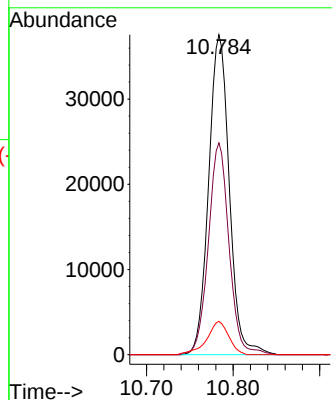
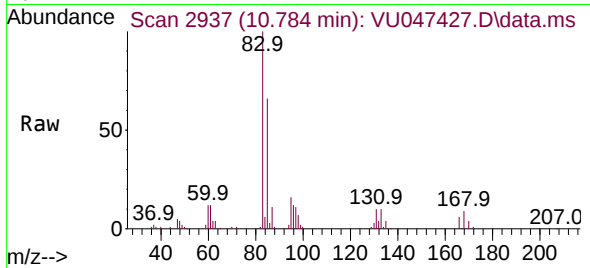




#57
1,1,2,2-Tetrachloroethane
Concen: 5.266 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047427.D
Acq: 10 Mar 2022 00:14

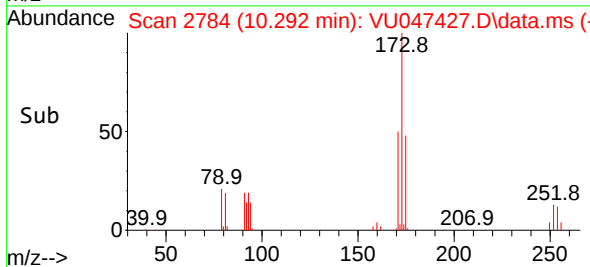
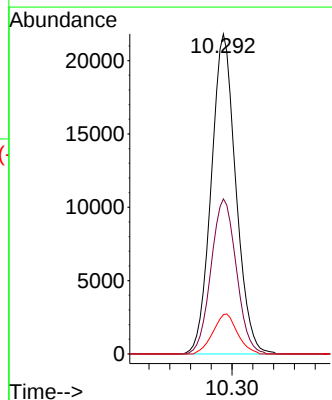
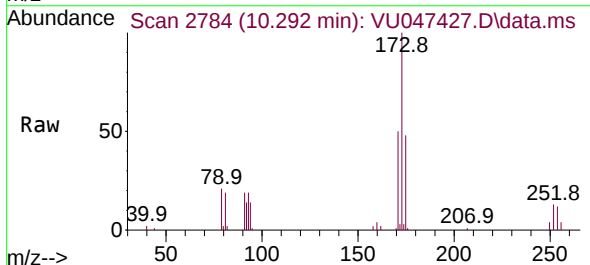
Instrument :
MSVOA_U
ClientSampleId :

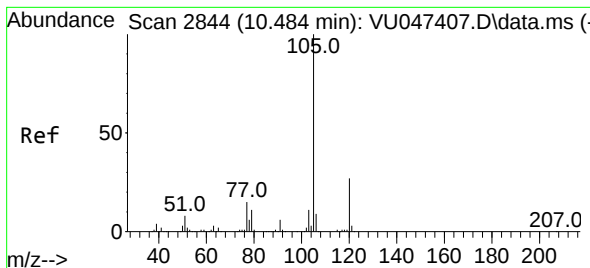
Tgt Ion: 83 Resp: 62257
Ion Ratio Lower Upper
83 100
85 66.2 46.0 85.4
131 10.4 8.2 12.4



#59
Bromoform
Concen: 5.298 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU047427.D
Acq: 10 Mar 2022 00:14

Tgt Ion: 173 Resp: 35772
Ion Ratio Lower Upper
173 100
175 49.8 38.7 58.1
254 12.5 9.0 13.4





#60

Isopropylbenzene

Concen: 5.221 ug/L

RT: 10.485 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU047427.D

Acq: 10 Mar 2022 00:14

Instrument :

MSVOA_U

ClientSampleId :

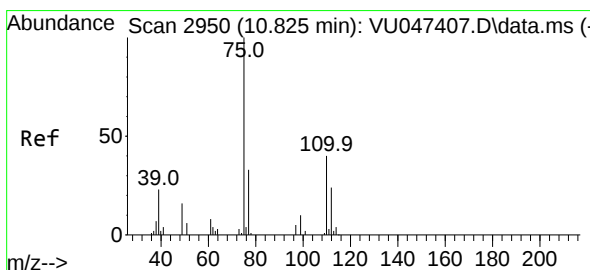
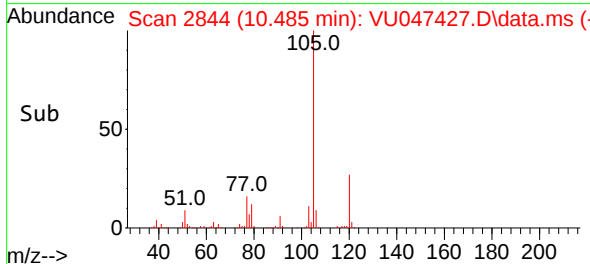
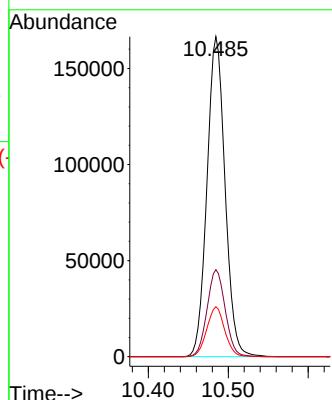
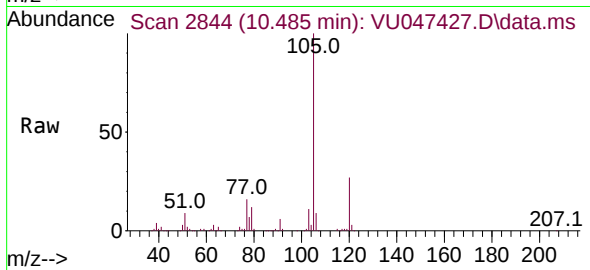
Tgt Ion:105 Resp: 261936

Ion Ratio Lower Upper

105 100

120 27.3 21.8 32.6

77 15.5 12.2 18.2



#61

1,2,3-Trichloropropane

Concen: 5.338 ug/L

RT: 10.822 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU047427.D

Acq: 10 Mar 2022 00:14

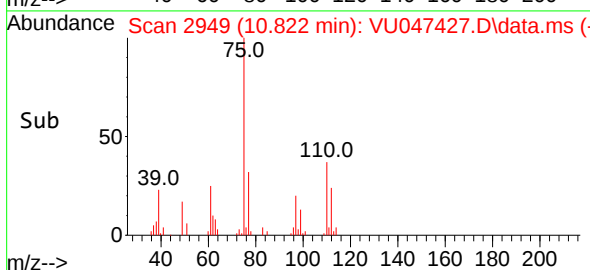
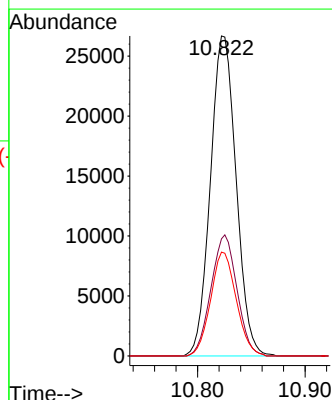
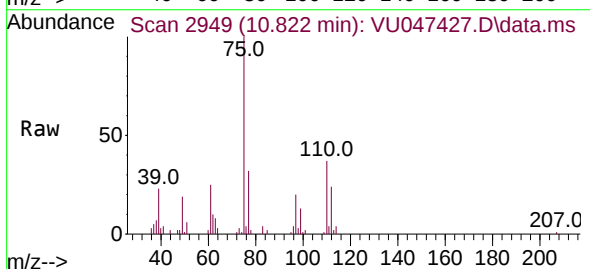
Tgt Ion: 75 Resp: 44338

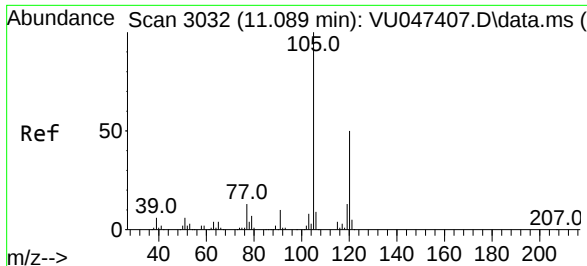
Ion Ratio Lower Upper

75 100

110 38.2 31.0 46.4

77 32.4 26.2 39.4

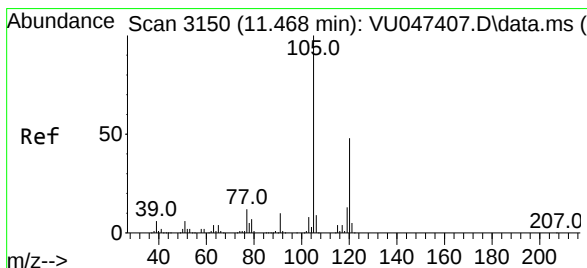
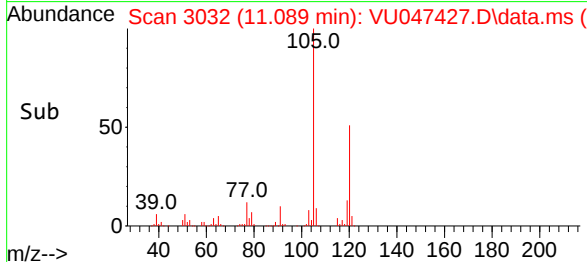
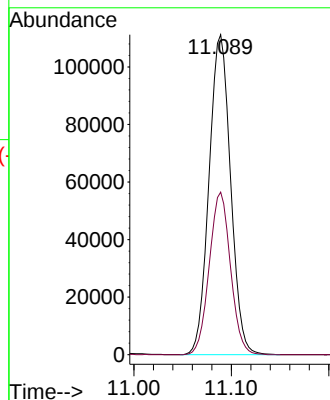
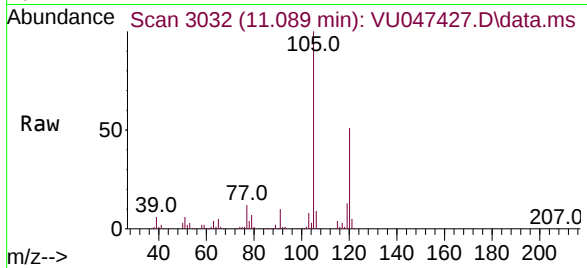




#62
 1,3,5-Trimethylbenzene
 Concen: 5.192 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU047427.D
 Acq: 10 Mar 2022 00:14

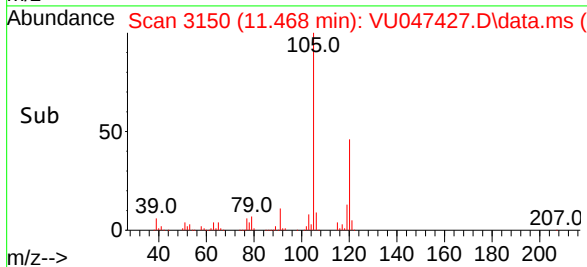
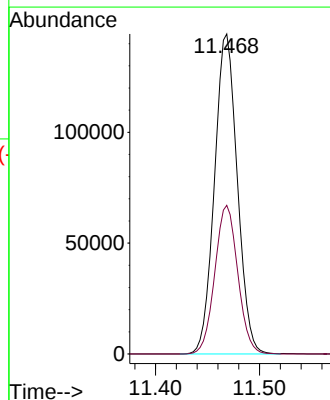
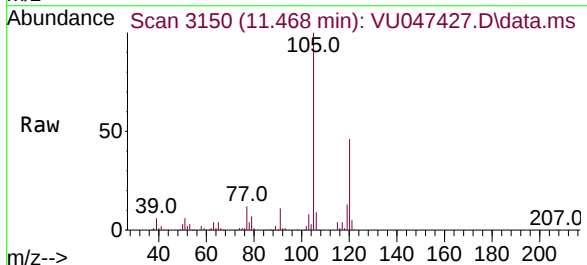
Instrument :
 MSVOA_U
 ClientSampleId :

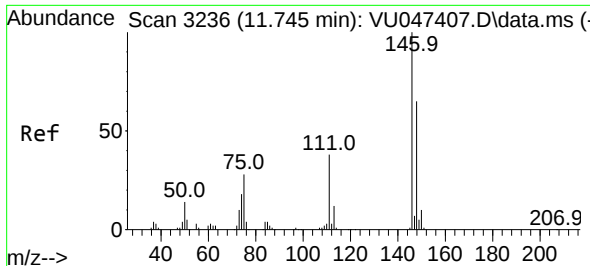
Tgt Ion:105 Resp: 170862
 Ion Ratio Lower Upper
 105 100
 120 50.0 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 5.159 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU047427.D
 Acq: 10 Mar 2022 00:14

Tgt Ion:105 Resp: 220238
 Ion Ratio Lower Upper
 105 100
 120 46.7 37.2 55.8

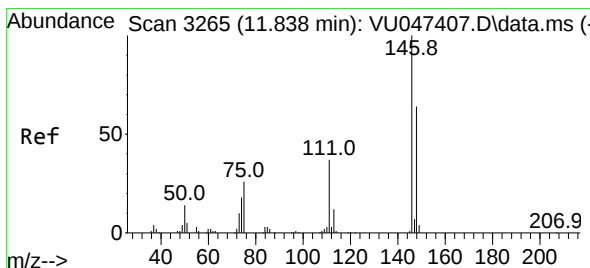
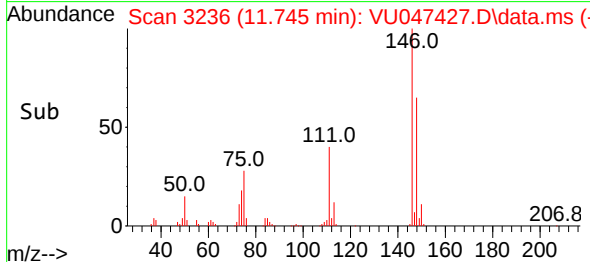
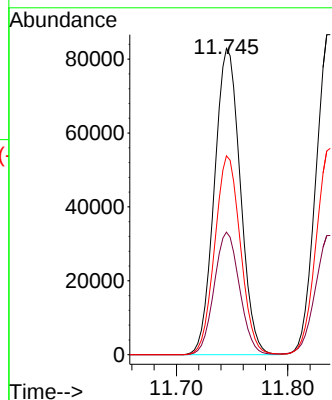
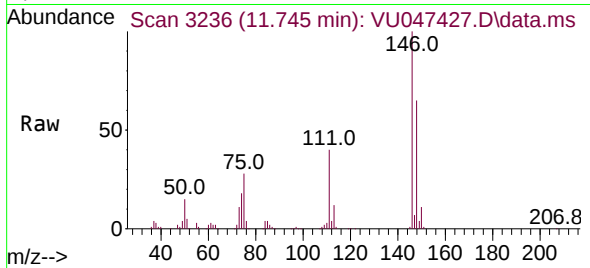




#64
1,3-Dichlorobenzene
Concen: 5.037 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU047427.D
Acq: 10 Mar 2022 00:14

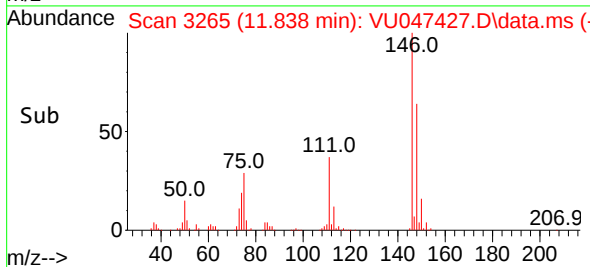
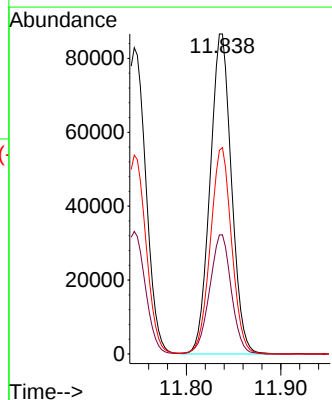
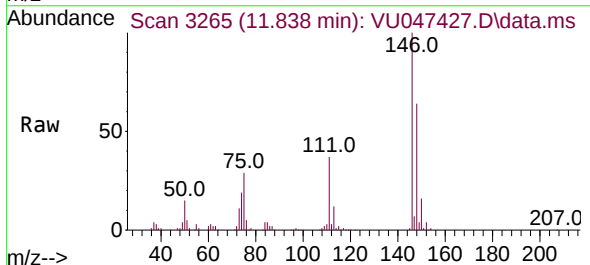
Instrument :
MSVOA_U
ClientSampleId :

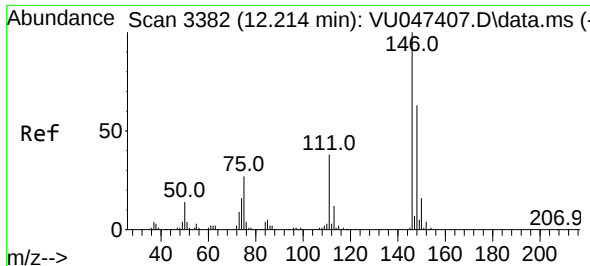
Tgt Ion:146 Resp: 133946
Ion Ratio Lower Upper
146 100
111 40.0 27.0 50.2
148 64.9 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.049 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047427.D
Acq: 10 Mar 2022 00:14

Tgt Ion:146 Resp: 136349
Ion Ratio Lower Upper
146 100
111 37.3 26.1 48.5
148 64.5 45.6 84.6





#67

1,2-Dichlorobenzene

Concen: 5.136 ug/L

RT: 12.211 min Scan# 3382

Delta R.T. -0.003 min

Lab File: VU047427.D

Acq: 10 Mar 2022 00:14

Instrument :

MSVOA_U

ClientSampleId :

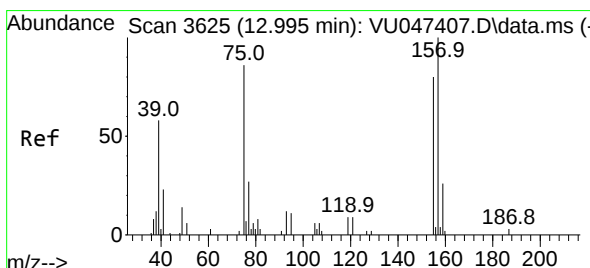
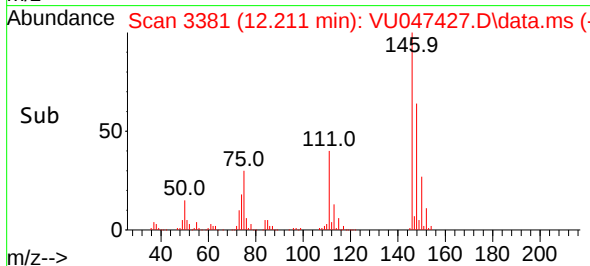
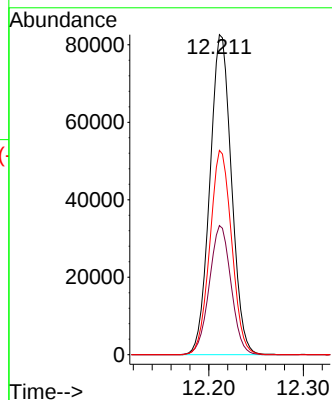
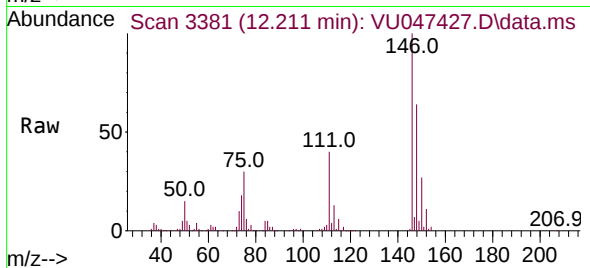
Tgt Ion:146 Resp: 131240

Ion Ratio Lower Upper

146 100

111 40.4 31.9 47.9

148 63.8 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.227 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU047427.D

Acq: 10 Mar 2022 00:14

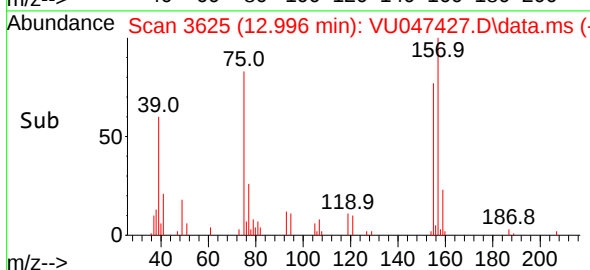
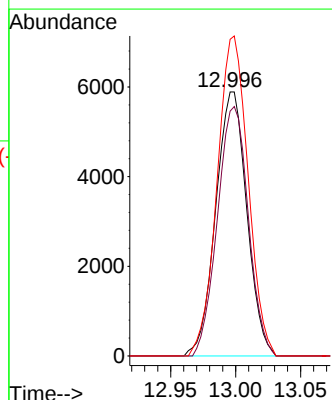
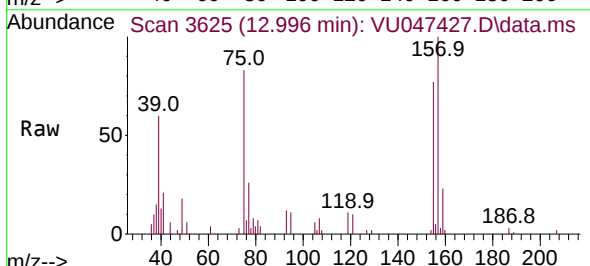
Tgt Ion: 75 Resp: 9789

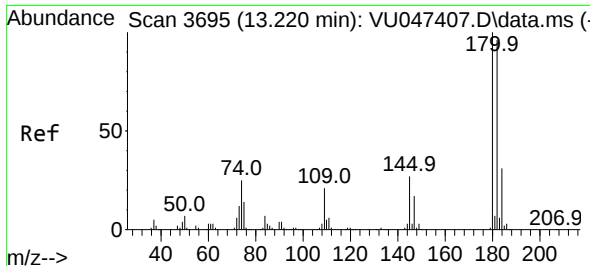
Ion Ratio Lower Upper

75 100

155 92.7 71.3 106.9

157 119.9 88.6 132.8





#69

1,3,5-Trichlorobenzene

Concen: 5.136 ug/L

RT: 13.218 min Scan# 3694

Delta R.T. -0.003 min

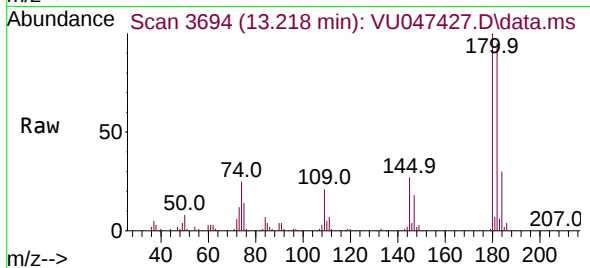
Lab File: VU047427.D

Acq: 10 Mar 2022 00:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 112034

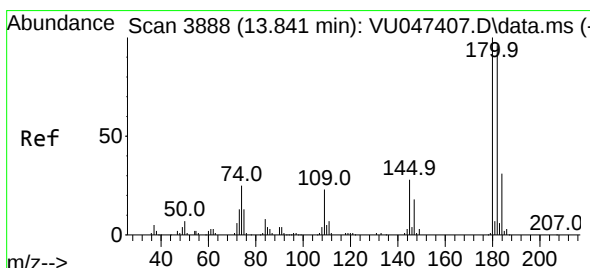
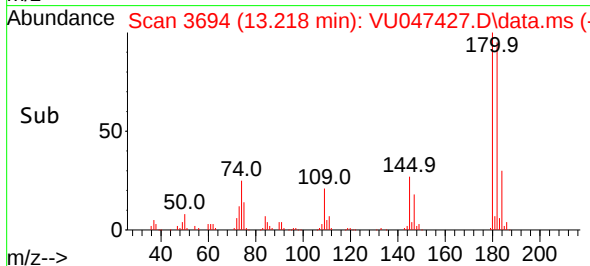
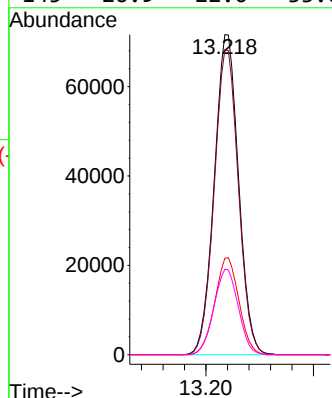
Ion Ratio Lower Upper

180 100

182 94.9 77.1 115.7

184 30.2 25.0 37.4

145 26.9 22.0 33.0



#70

1,2,4-trichlorobenzene

Concen: 5.045 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU047427.D

Acq: 10 Mar 2022 00:14

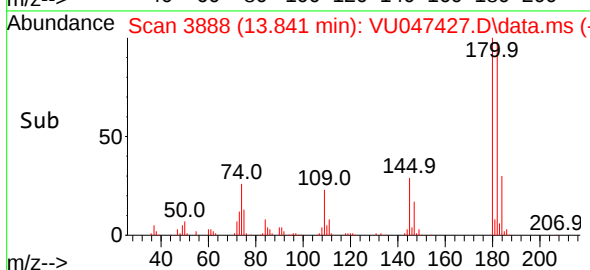
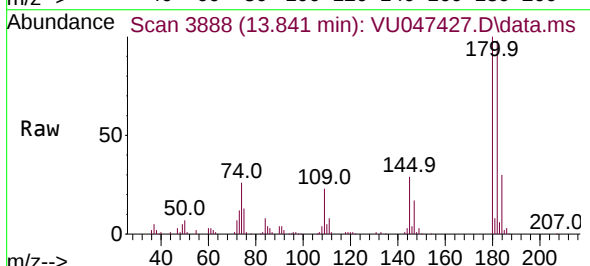
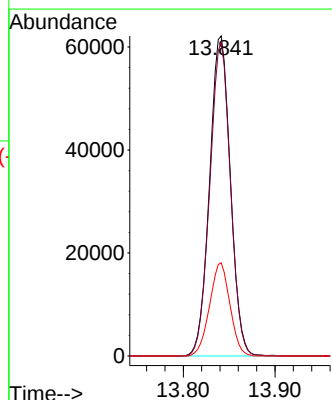
Tgt Ion:180 Resp: 98085

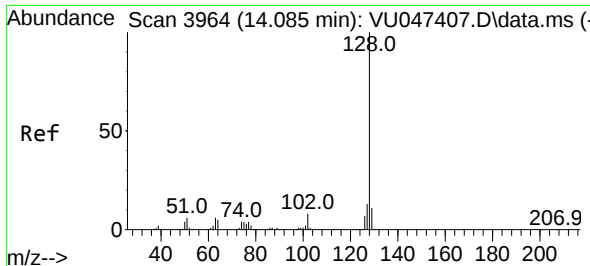
Ion Ratio Lower Upper

180 100

182 96.7 76.6 114.8

145 28.4 22.4 33.6

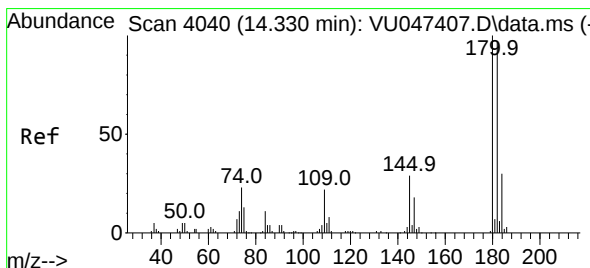
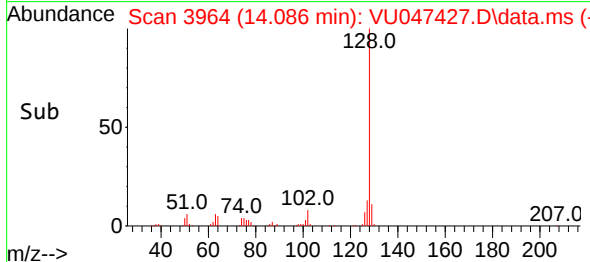
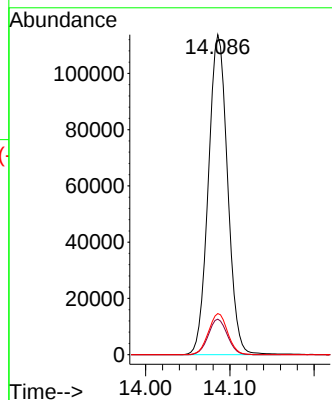
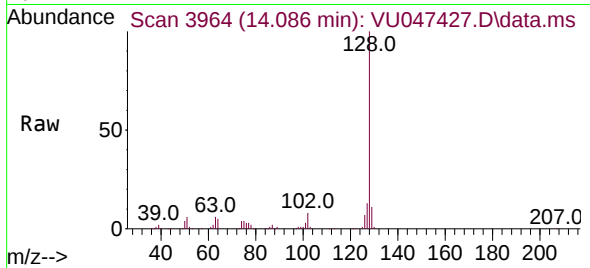




#71
Naphthalene
Concen: 5.194 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU047427.D
Acq: 10 Mar 2022 00:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 180615
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.129 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047427.D
Acq: 10 Mar 2022 00:14

Tgt Ion:180 Resp: 91431
Ion Ratio Lower Upper
180 100
182 96.3 77.0 115.6
145 29.2 23.4 35.2

