

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047428.D
 Acq On : 10 Mar 2022 00:38
 Operator : SY/MD
 Sample : N1861-08MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 10 01:10:06 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	6.253	114	169190	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	161074	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	89706	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	42392	4.620	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.919	69	31592	4.690	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.575	65	19286	4.758	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	4.642	46	81452	49.857	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.720%
24) Chloroform-d	5.067	84	71813	4.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.706	65	35146	4.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.732	84	144863	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.694	67	44098	4.920	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.899	98	142956	4.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.179	79	18415	4.839	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.800%
46) 2-Hexanone-d5	8.636	63	84827	50.601	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.200%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37668	4.822	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	55309	4.863	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	64892	5.123	ug/L	100
3) Chloromethane	1.523	50	62827	4.967	ug/L	97
5) Vinyl chloride	1.607	62	63109	5.072	ug/L	97
6) Bromomethane	1.864	94	34453	4.856	ug/L	97
8) Chloroethane	1.941	64	37389	4.948	ug/L	99
9) Trichlorofluoromethane	2.144	101	82511	5.033	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	52791	5.215	ug/L	99
12) 1,1-Dichloroethene	2.588	96	53823	5.418	ug/L	99
13) Acetone	2.655	43	129529	86.293	ug/L	96
14) Carbon disulfide	2.800	76	150950	4.950	ug/L	99
15) Methyl Acetate	2.961	43	23894	6.024	ug/L	92
16) Methylene chloride	3.051	84	55028	4.641	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	132121	5.158	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	53309	5.013	ug/L	99
19) 1,1-Dichloroethane	3.877	63	93171	5.151	ug/L	100
21) 2-Butanone	4.723	43	143021	52.910	ug/L	100
22) cis-1,2-Dichloroethene	4.671	96	59284	5.031	ug/L	97
23) Bromochloromethane	4.980	128	29364	5.215	ug/L	95
25) Chloroform	5.092	83	105960	5.410	ug/L	98

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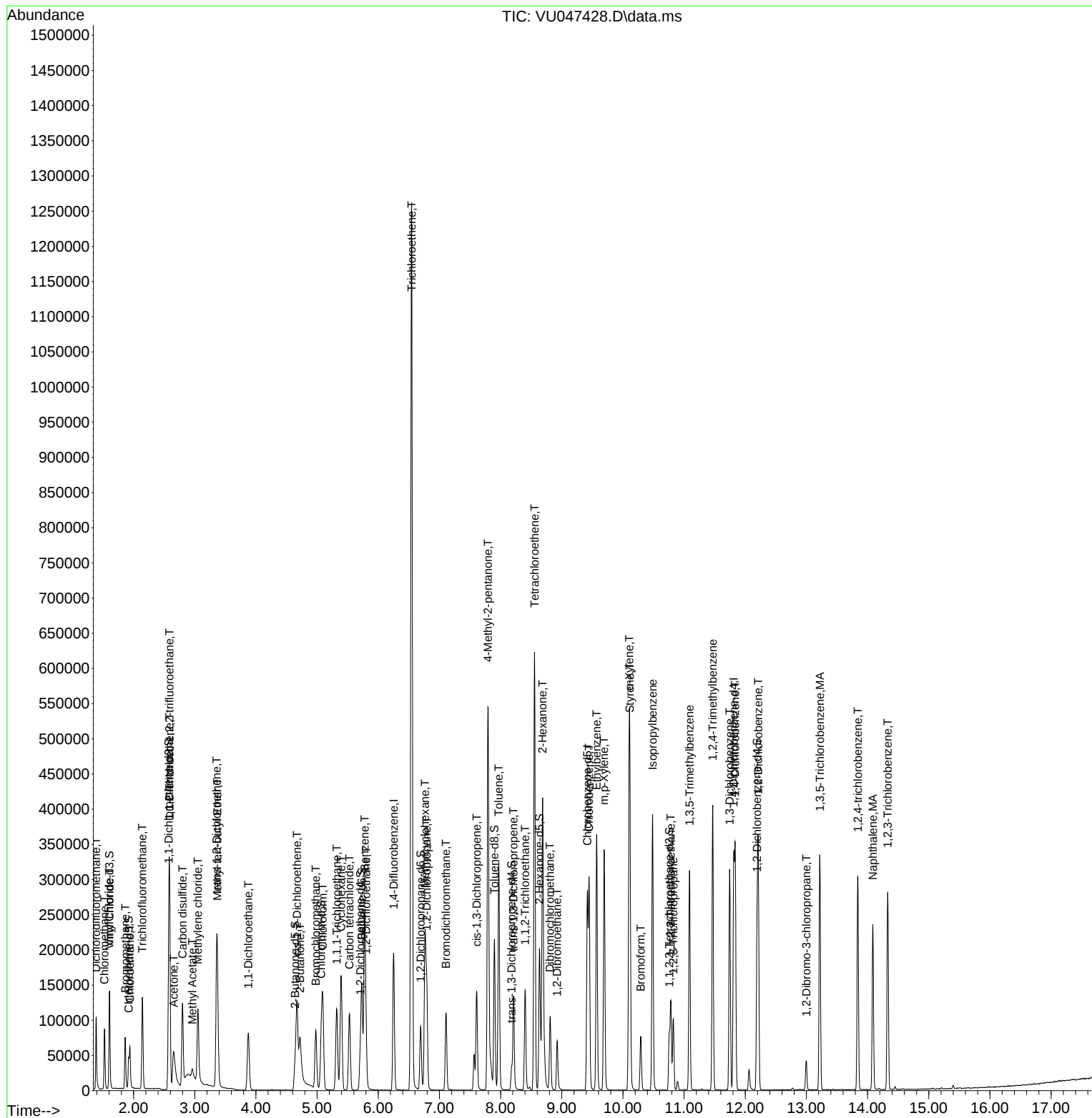
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	64367	5.105	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	84476	5.076	ug/L	99
30) Cyclohexane	5.395	56	82847	5.167	ug/L	99
31) Carbon tetrachloride	5.530	117	74504	5.097	ug/L	99
33) Benzene	5.777	78	219825	5.053	ug/L	100
34) Trichloroethene	6.546	95	426525	36.678	ug/L	99
35) Methylcyclohexane	6.764	83	93243	5.083	ug/L	98
37) 1,2-Dichloropropane	6.793	63	55257	5.100	ug/L	100
38) Bromodichloromethane	7.108	83	73462	5.107	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	84623	5.152	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	391068	52.951	ug/L	99
42) Toluene	7.970	91	242455	5.131	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	74727	5.044	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	46293	5.214	ug/L	97
47) Tetrachloroethene	8.555	164	141650	14.359	ug/L	99
48) 2-Hexanone	8.687	43	282007	52.631	ug/L	98
49) Dibromochloromethane	8.809	129	56397	5.229	ug/L	96
50) 1,2-Dibromoethane	8.925	107	46893	5.190	ug/L	99
51) Chlorobenzene	9.446	112	162479	5.139	ug/L	99
52) Ethylbenzene	9.571	91	260120	5.082	ug/L	100
53) m,p-Xylene	9.693	106	102522	5.106	ug/L	99
54) o-Xylene	10.102	106	98595	5.069	ug/L	99
55) Styrene	10.115	104	168912	5.137	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	62244	5.237	ug/L	96
59) Bromoform	10.291	173	35706	5.287	ug/L	99
60) Isopropylbenzene	10.484	105	261243	5.205	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	43190	5.198	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	169898	5.161	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	221184	5.179	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	135040	5.076	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	135713	5.024	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	131409	5.141	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	10371	5.536	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	111058	5.090	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	99627	5.123	ug/L	100
71) Naphthalene	14.085	128	185424	5.330	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	92703	5.198	ug/L	99

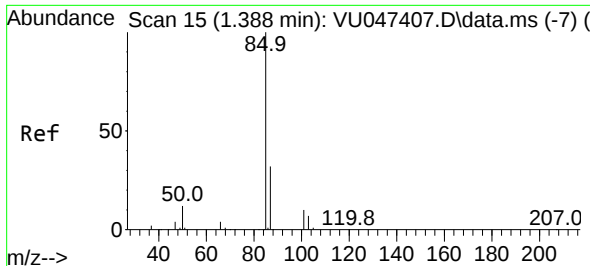
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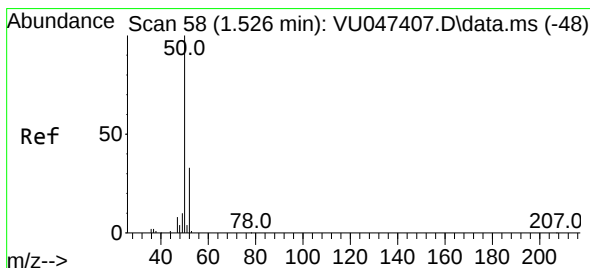
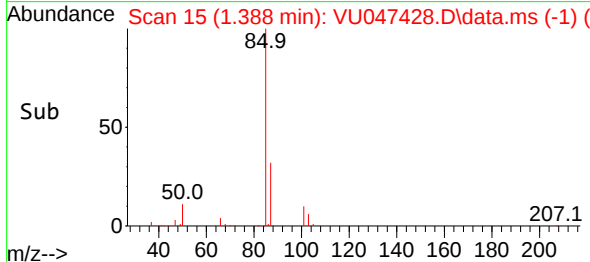
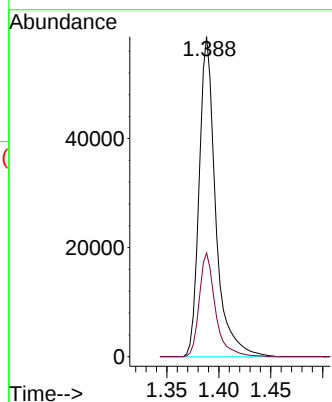
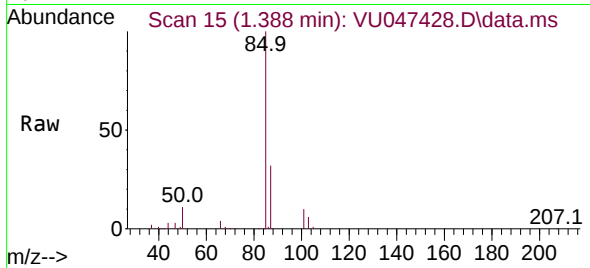




#2
Dichlorodifluoromethane
Concen: 5.123 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047428.D
Acq: 10 Mar 2022 00:38

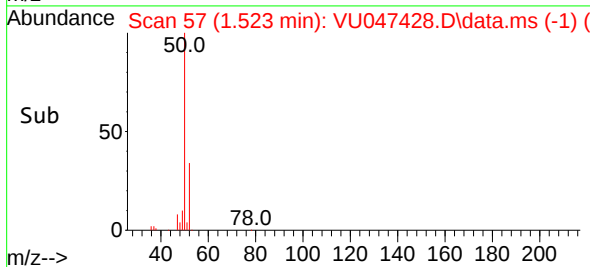
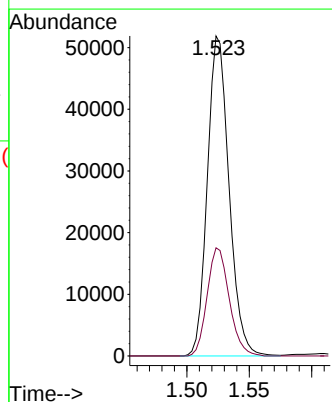
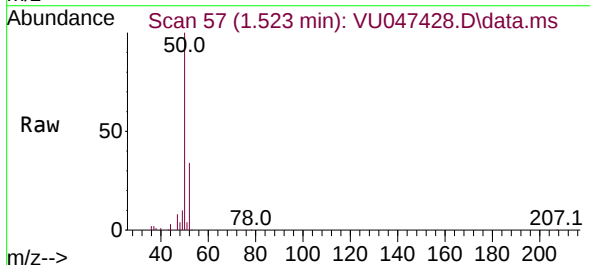
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MSVOA_U
ClientSampleId :

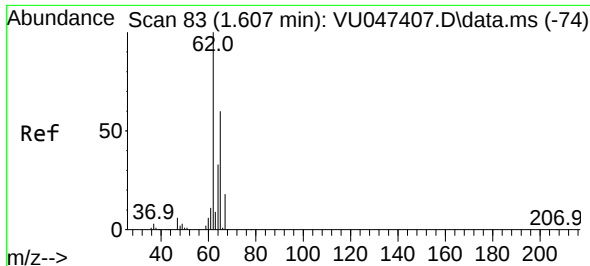
Tgt Ion: 85 Resp: 64892
Ion Ratio Lower Upper
85 100
87 31.7 25.6 38.4



#3
Chloromethane
Concen: 4.967 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.003 min
Lab File: VU047428.D
Acq: 10 Mar 2022 00:38

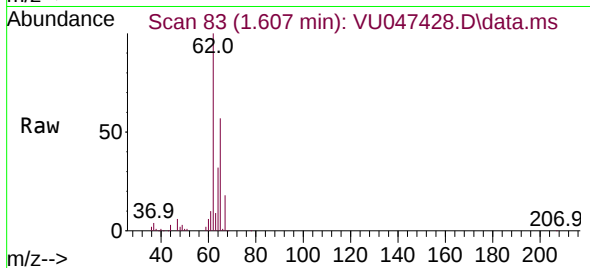
Tgt Ion: 50 Resp: 62827
Ion Ratio Lower Upper
50 100
52 33.8 22.5 41.9



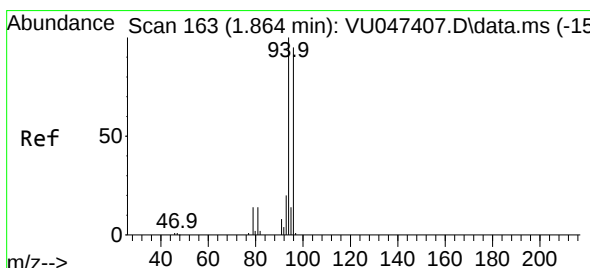
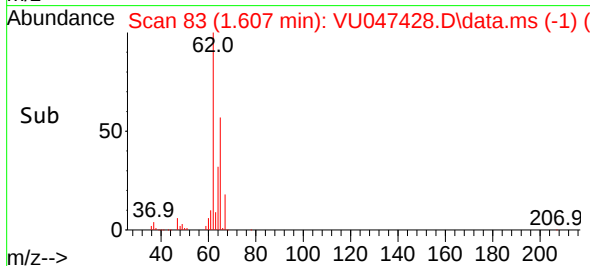
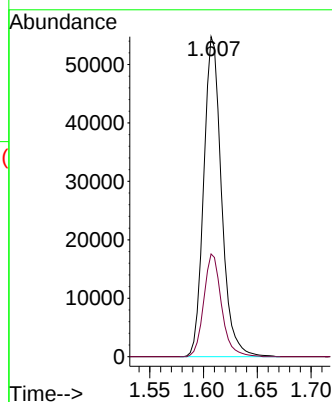


#5
 Vinyl chloride
 Concen: 5.072 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU047428.D
 Acq: 10 Mar 2022 00:38

Instrument :
 MSVOA_U
 ClientSampleId :

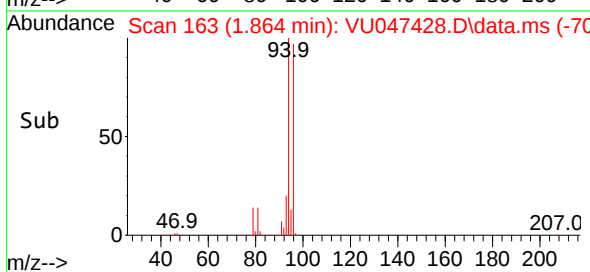
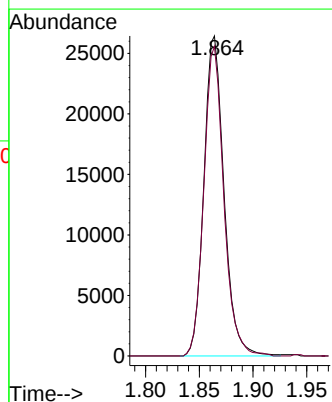
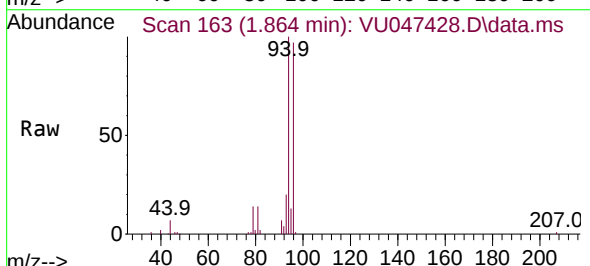


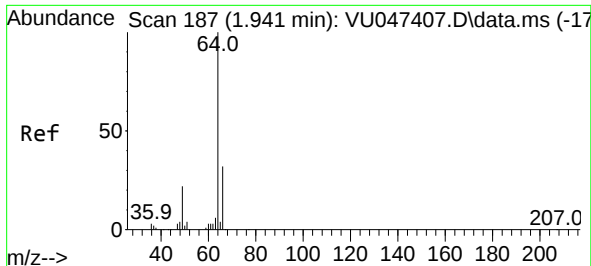
Tgt Ion: 62 Resp: 63109
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.7 43.9



#6
 Bromomethane
 Concen: 4.856 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU047428.D
 Acq: 10 Mar 2022 00:38

Tgt Ion: 94 Resp: 34453
 Ion Ratio Lower Upper
 94 100
 96 96.7 65.6 121.8

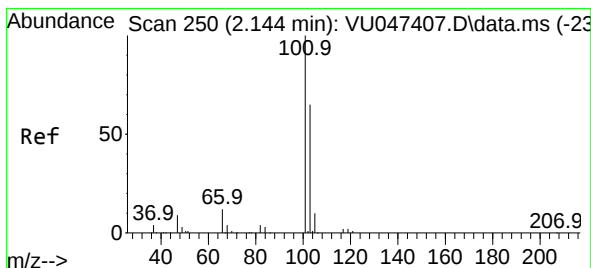
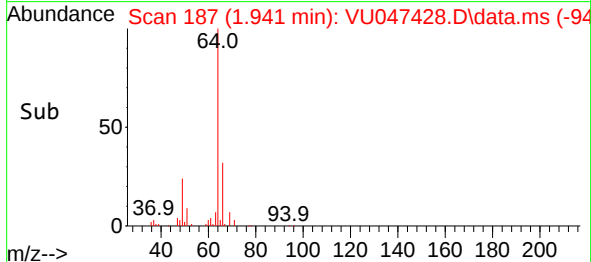
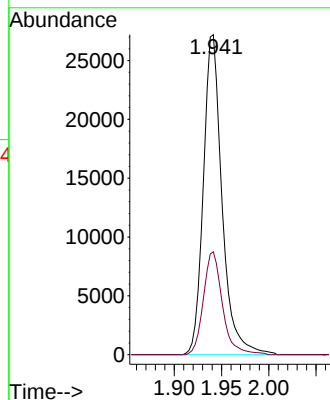
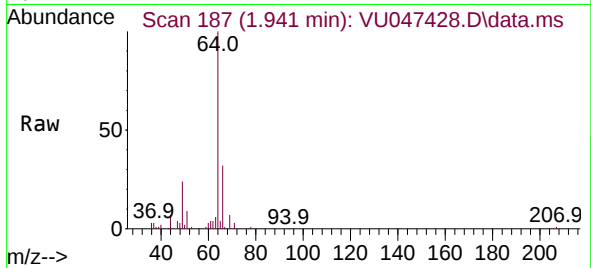




#8
Chloroethane
Concen: 4.948 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047428.D
Acq: 10 Mar 2022 00:38

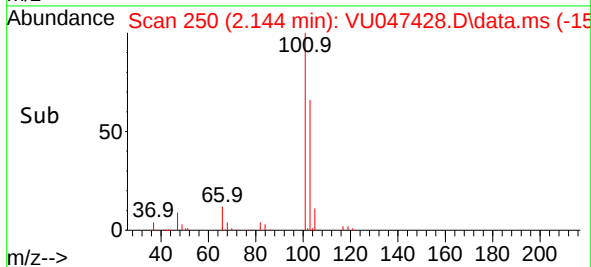
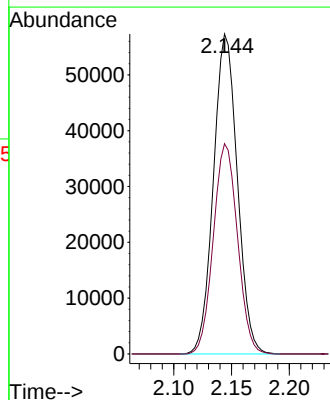
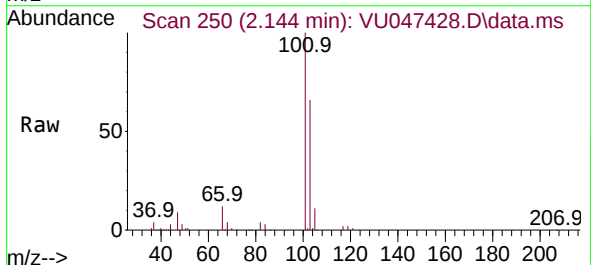
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MSVOA_U
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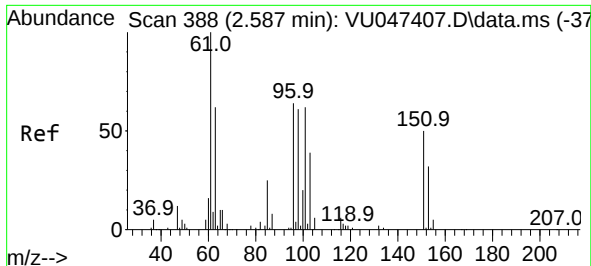
Tgt Ion: 64 Resp: 37389
Ion Ratio Lower Upper
64 100
66 32.2 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.033 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047428.D
Acq: 10 Mar 2022 00:38

Tgt Ion: 101 Resp: 82511
Ion Ratio Lower Upper
101 100
103 66.4 51.8 77.8

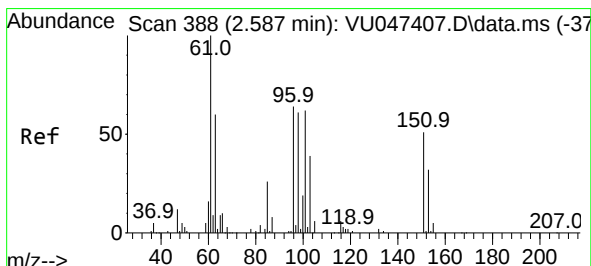
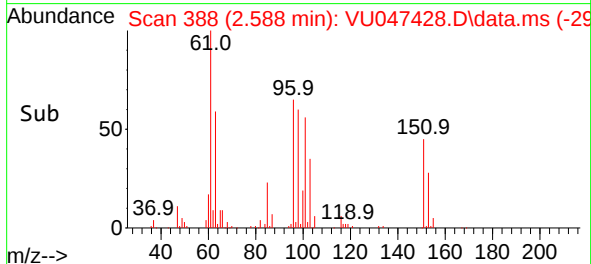
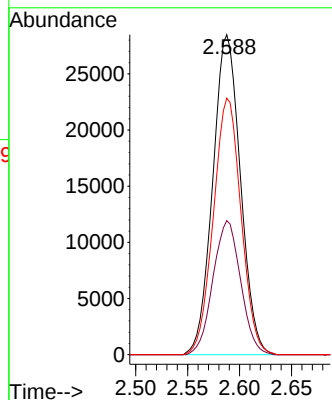
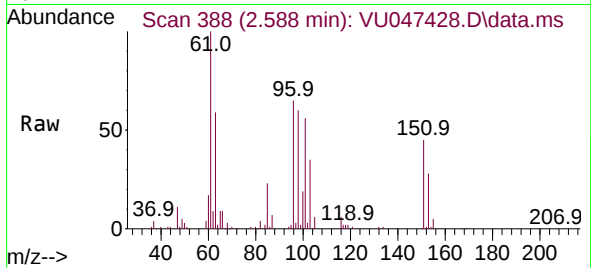




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.215 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU047428.D
 Acq: 10 Mar 2022 00:38

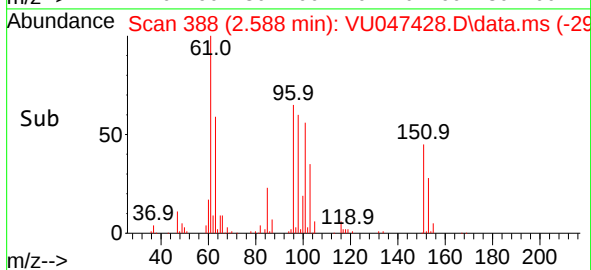
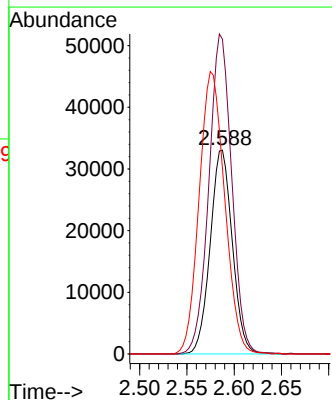
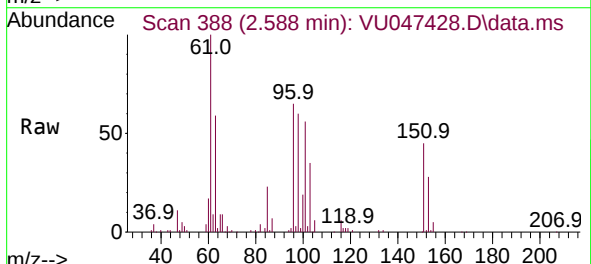
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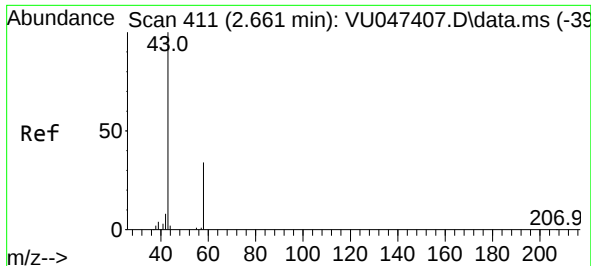
Tgt Ion:101 Resp: 52791
 Ion Ratio Lower Upper
 101 100
 85 41.8 33.8 50.6
 151 80.2 64.8 97.2



#12
 1,1-Dichloroethene
 Concen: 5.418 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU047428.D
 Acq: 10 Mar 2022 00:38

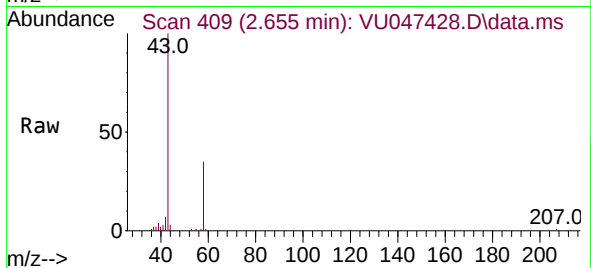
Tgt Ion: 96 Resp: 53823
 Ion Ratio Lower Upper
 96 100
 61 154.4 108.8 202.0
 63 91.2 64.0 119.0



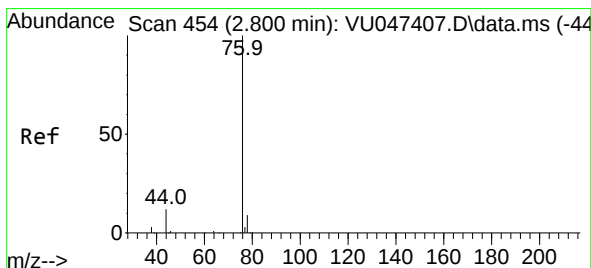
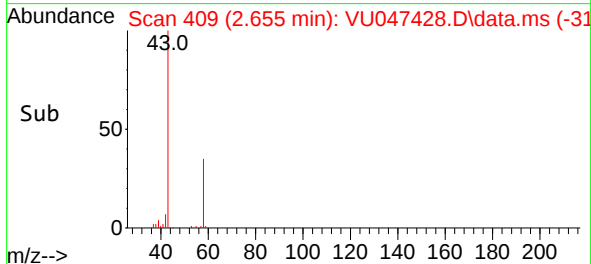
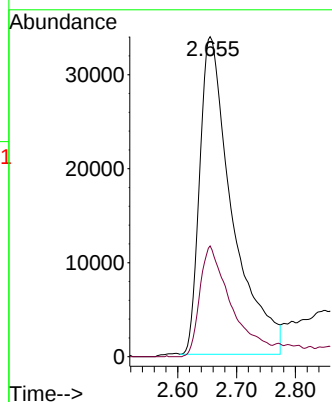


#13
Acetone
Concen: 86.293 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.006 min
Lab File: VU047428.D
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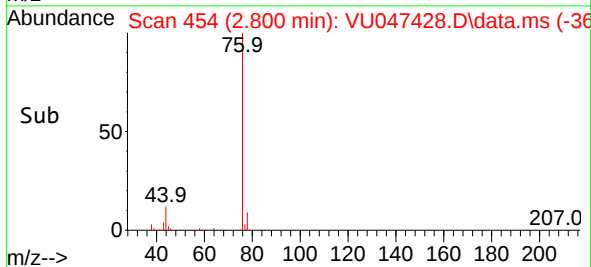
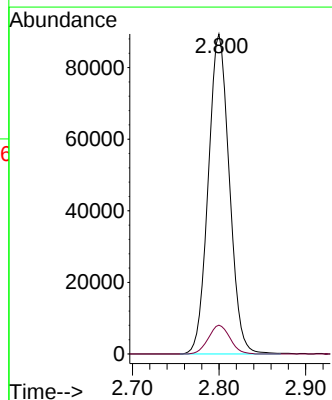
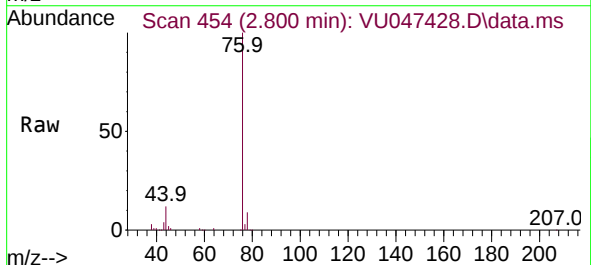


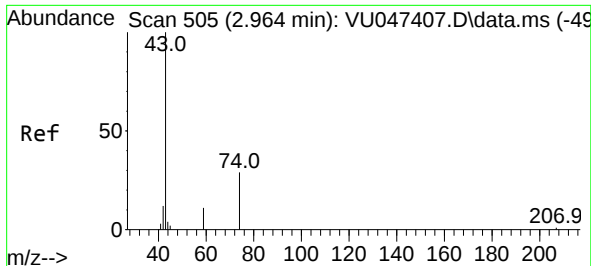
Tgt Ion: 43 Resp: 129529
Ion Ratio Lower Upper
43 100
58 34.0 0.0 72.6



#14
Carbon disulfide
Concen: 4.950 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU047428.D
Acq: 10 Mar 2022 00:38

Tgt Ion: 76 Resp: 150950
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

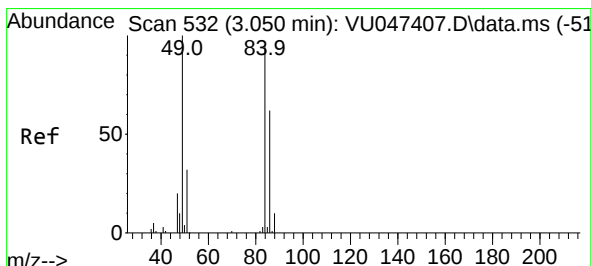
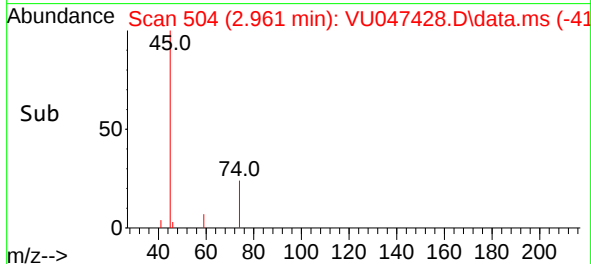
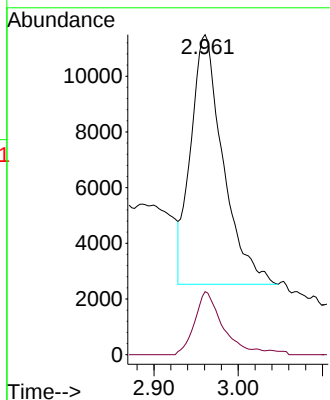
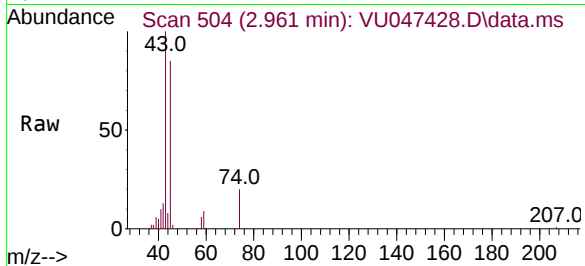




#15
Methyl Acetate
Concen: 6.024 ug/L
RT: 2.961 min Scan# 505
Delta R.T. -0.003 min
Lab File: VU047428.D
Acq: 10 Mar 2022 00:38

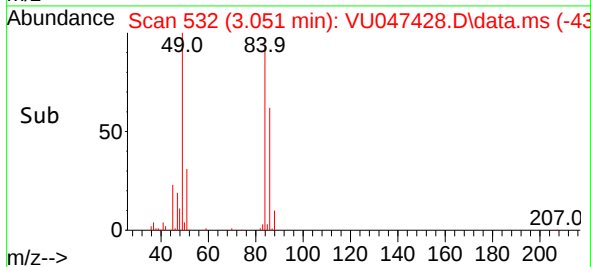
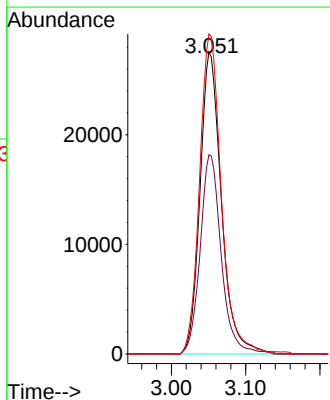
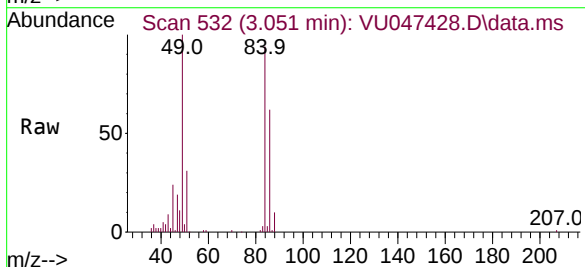
Instrument :
MSVOA_U
ClientSampleId :

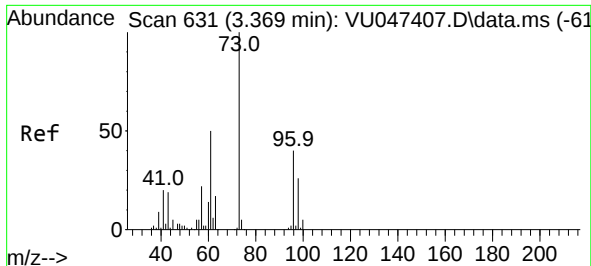
Tgt Ion: 43 Resp: 23894
Ion Ratio Lower Upper
43 100
74 21.2 20.2 30.2



#16
Methylene chloride
Concen: 4.641 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU047428.D
Acq: 10 Mar 2022 00:38

Tgt Ion: 84 Resp: 55028
Ion Ratio Lower Upper
84 100
86 65.9 45.9 85.3
49 105.9 76.4 141.8





#17

Methyl tert-butyl Ether

Concen: 5.158 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU047428.D

Acq: 10 Mar 2022 00:38

Instrument :

MSVOA_U

ClientSampleId :

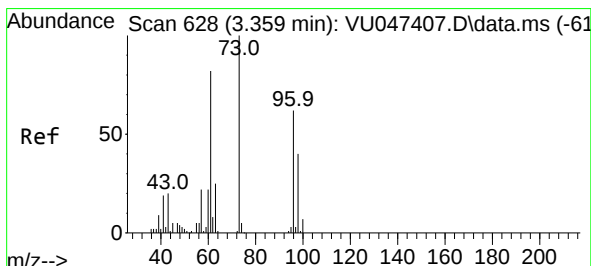
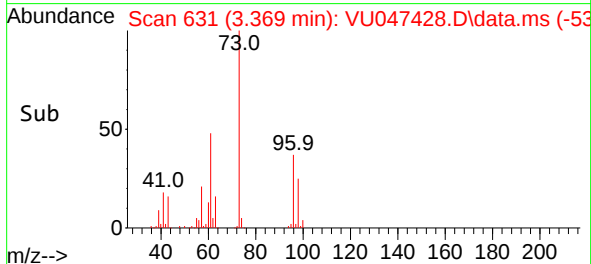
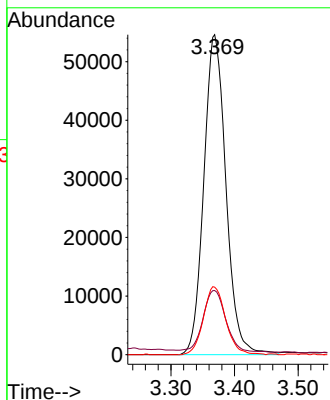
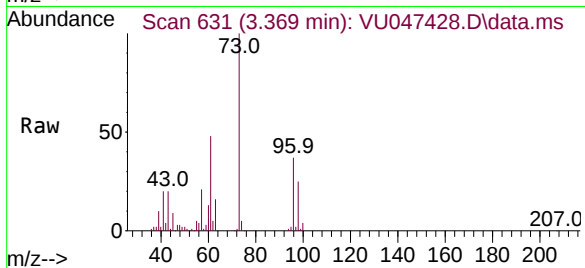
Tgt Ion: 73 Resp: 132121

Ion Ratio Lower Upper

73 100

43 20.1 14.6 22.0

57 21.4 16.5 24.7



#18

trans-1,2-Dichloroethene

Concen: 5.013 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU047428.D

Acq: 10 Mar 2022 00:38

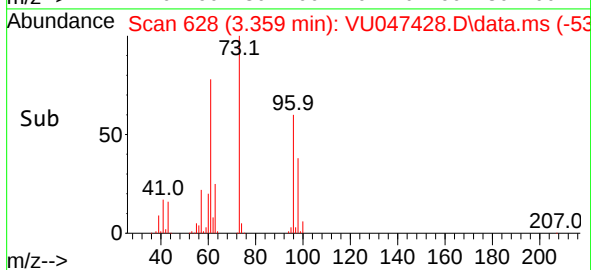
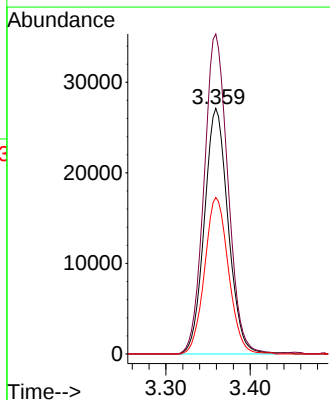
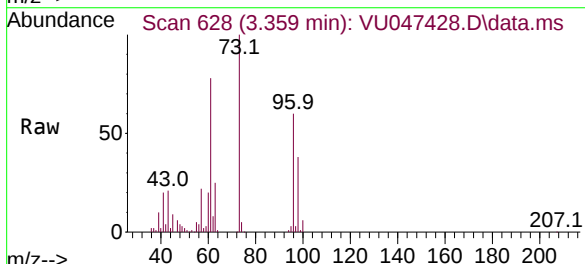
Tgt Ion: 96 Resp: 53309

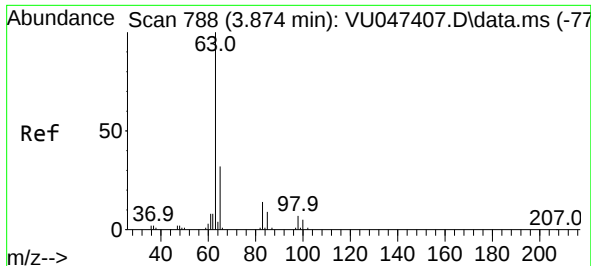
Ion Ratio Lower Upper

96 100

61 130.3 90.4 167.8

98 63.7 45.0 83.6





#19

1,1-Dichloroethane

Concen: 5.151 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU047428.D

Acq: 10 Mar 2022 00:38

Instrument :

MSVOA_U

ClientSampleId :

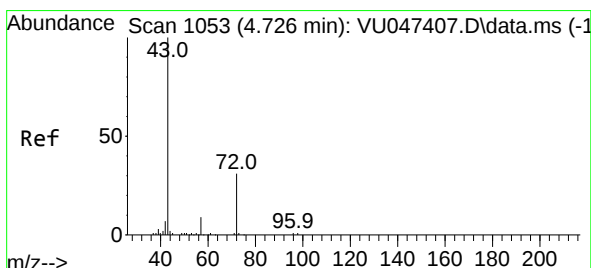
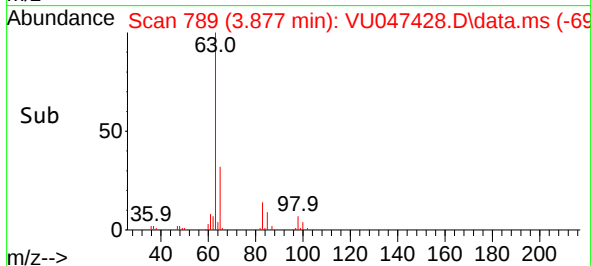
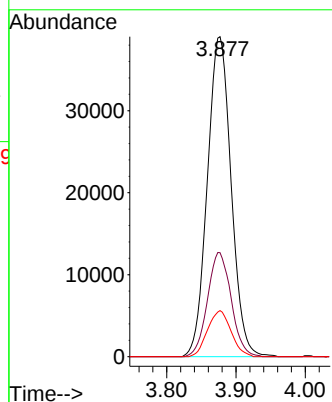
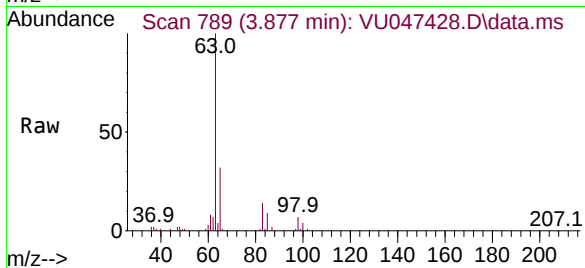
Tgt Ion: 63 Resp: 93171

Ion Ratio Lower Upper

63 100

65 32.5 22.8 42.4

83 14.4 9.9 18.3



#21

2-Butanone

Concen: 52.910 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. -0.003 min

Lab File: VU047428.D

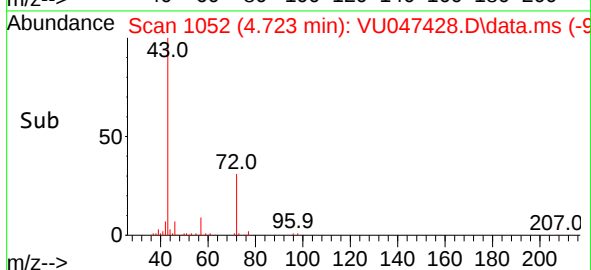
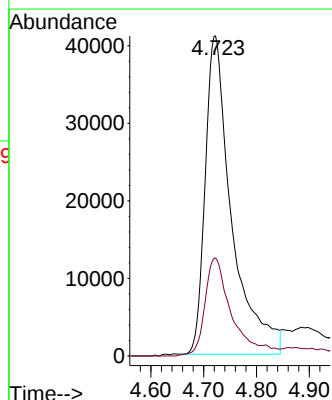
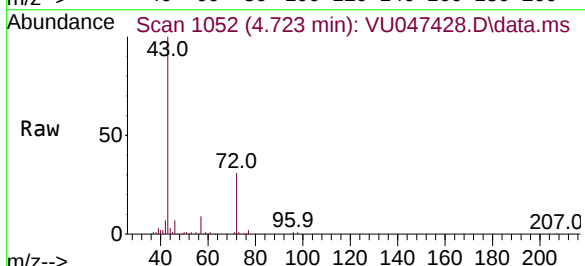
Acq: 10 Mar 2022 00:38

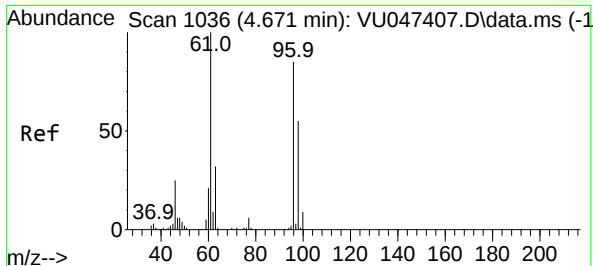
Tgt Ion: 43 Resp: 143021

Ion Ratio Lower Upper

43 100

72 29.6 14.7 44.1





#22

cis-1,2-Dichloroethene

Concen: 5.031 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047428.D

Acq: 10 Mar 2022 00:38

Instrument :

MSVOA_U

ClientSampleId :

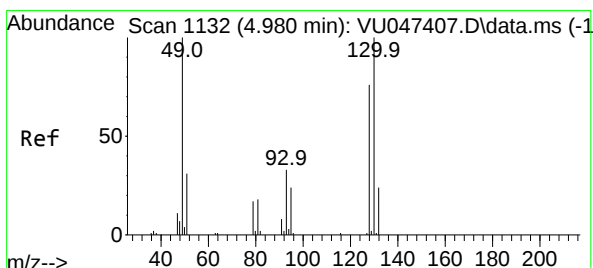
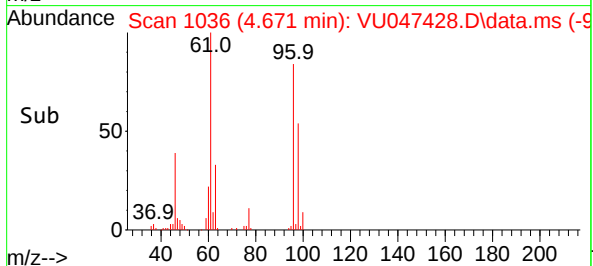
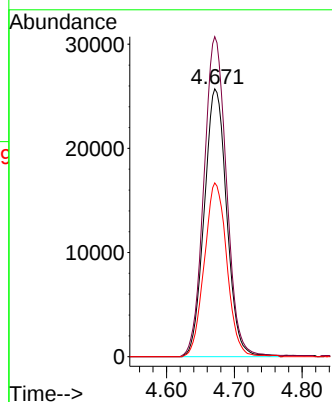
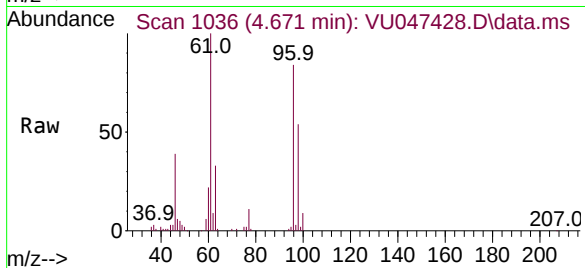
Tgt Ion: 96 Resp: 59284

Ion Ratio Lower Upper

96 100

61 119.5 80.8 150.0

98 64.9 44.7 83.1



#23

Bromochloromethane

Concen: 5.215 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU047428.D

Acq: 10 Mar 2022 00:38

Tgt Ion:128 Resp: 29364

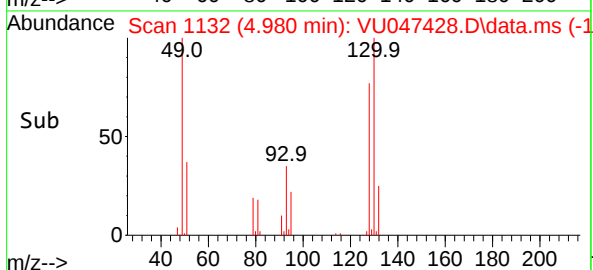
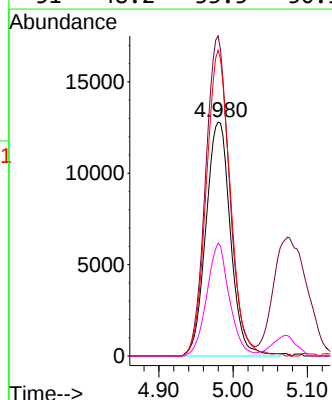
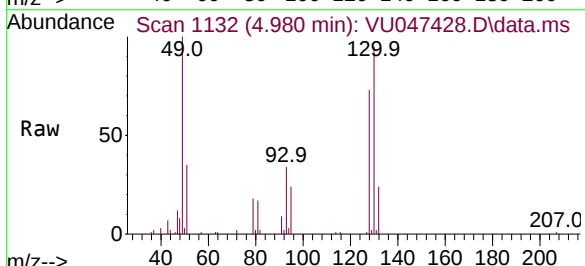
Ion Ratio Lower Upper

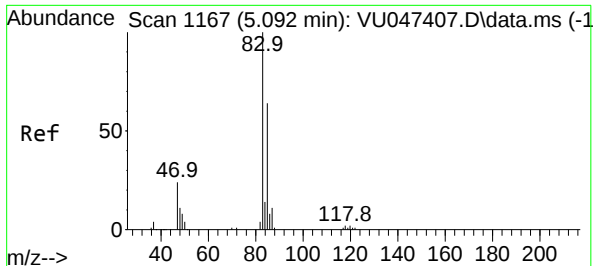
128 100

49 136.8 91.6 170.2

130 130.6 89.6 166.4

51 48.2 33.5 50.3





#25

Chloroform

Concen: 5.410 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047428.D

Acq: 10 Mar 2022 00:38

Instrument :

MSVOA_U

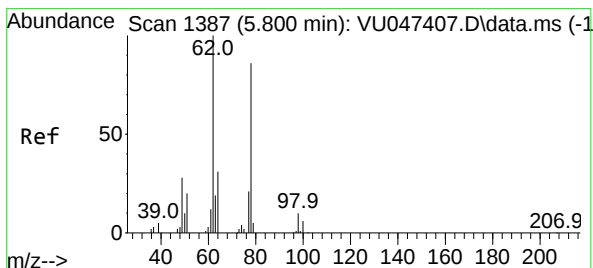
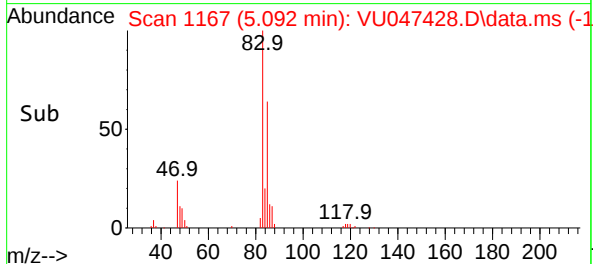
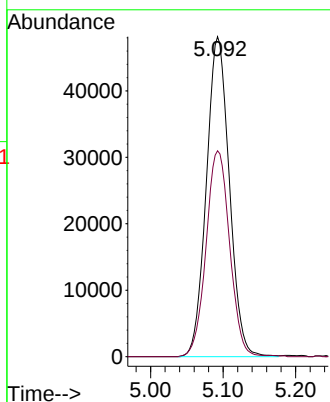
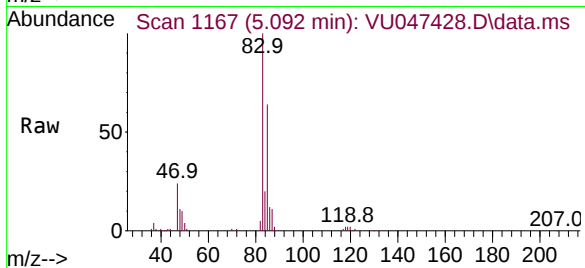
ClientSampleId :

Tgt Ion: 83 Resp: 105960

Ion Ratio Lower Upper

83 100

85 64.3 46.2 85.8



#27

1,2-Dichloroethane

Concen: 5.105 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU047428.D

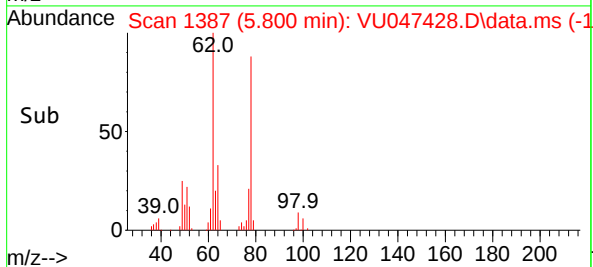
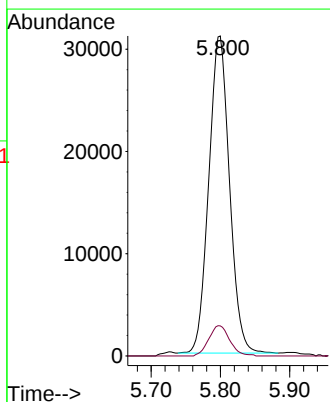
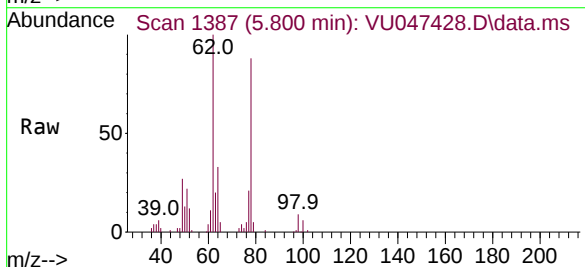
Acq: 10 Mar 2022 00:38

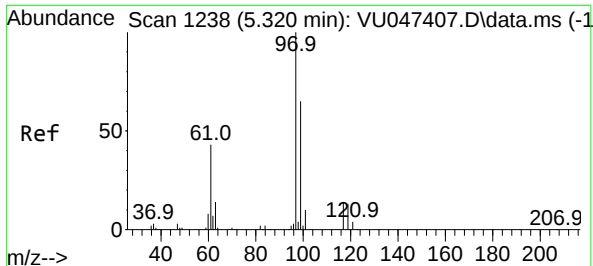
Tgt Ion: 62 Resp: 64367

Ion Ratio Lower Upper

62 100

98 9.4 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.076 ug/L

RT: 5.321 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047428.D

Acq: 10 Mar 2022 00:38

Instrument :

MSVOA_U

ClientSampleId :

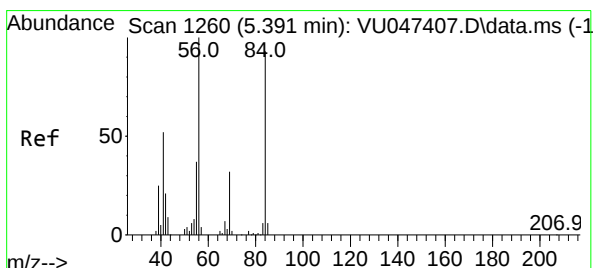
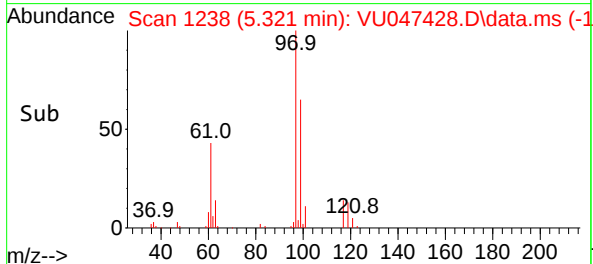
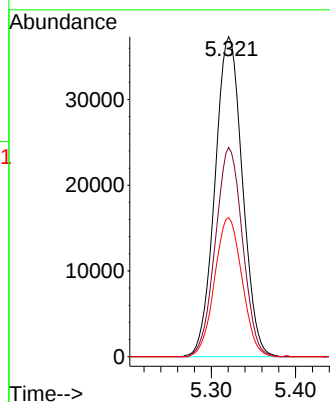
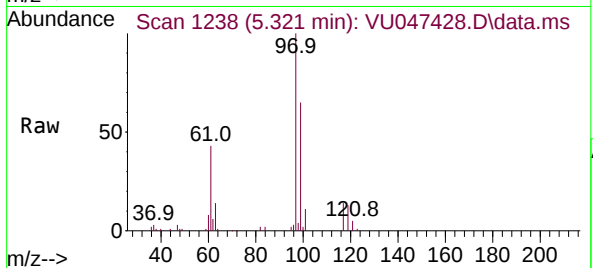
Tgt Ion: 97 Resp: 84476

Ion Ratio Lower Upper

97 100

99 64.8 52.1 78.1

61 43.5 33.8 50.6



#30

Cyclohexane

Concen: 5.167 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.003 min

Lab File: VU047428.D

Acq: 10 Mar 2022 00:38

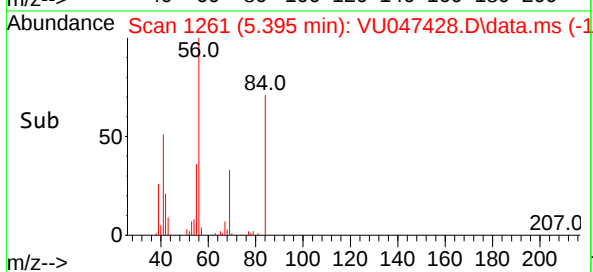
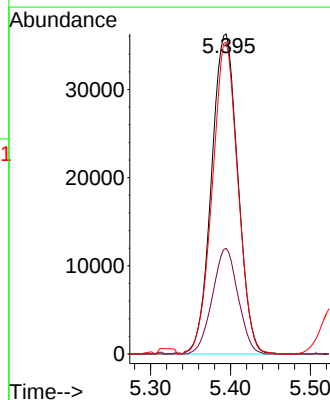
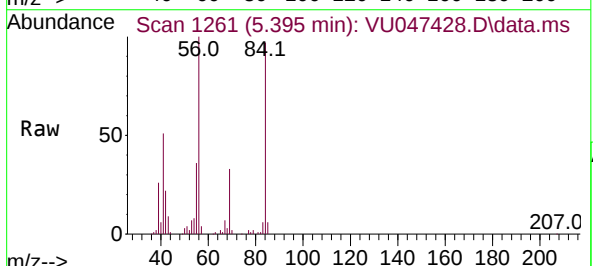
Tgt Ion: 56 Resp: 82847

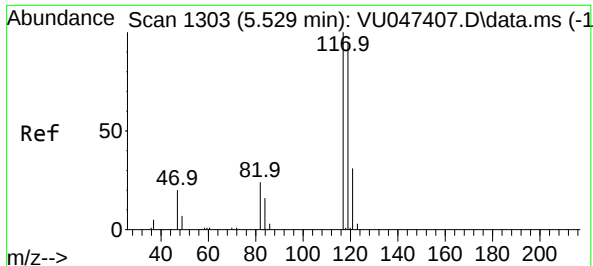
Ion Ratio Lower Upper

56 100

69 32.1 26.0 39.0

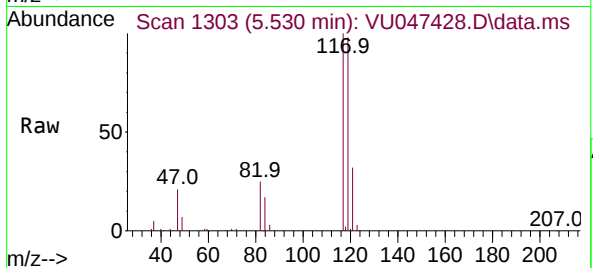
84 94.9 76.3 114.5



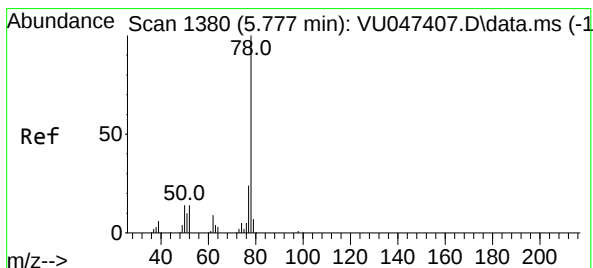
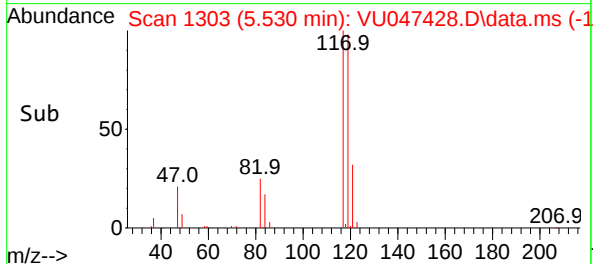
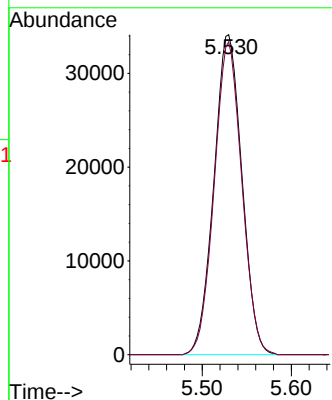


#31
Carbon tetrachloride
Concen: 5.097 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU047428.D
Acq: 10 Mar 2022 00:38

Instrument :
MSVOA_U
ClientSampleId :

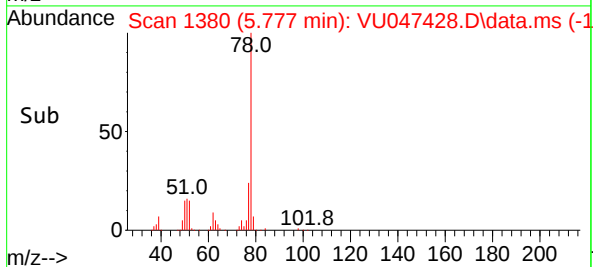
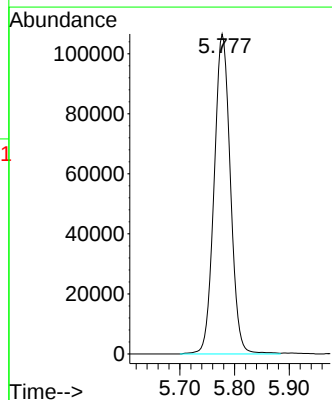
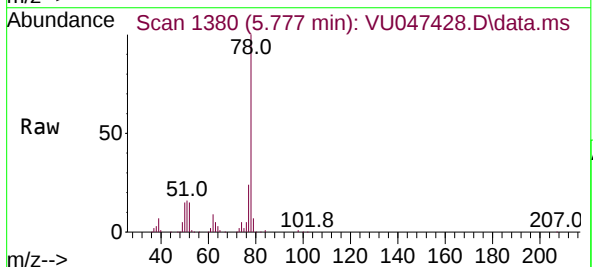


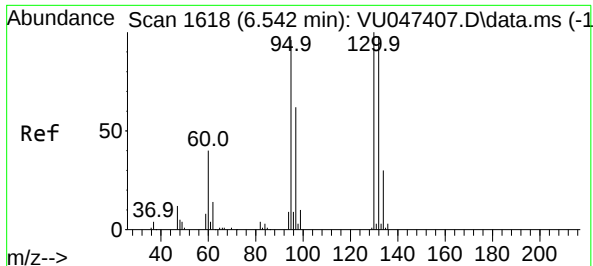
Tgt Ion:117 Resp: 74504
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.8



#33
Benzene
Concen: 5.053 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047428.D
Acq: 10 Mar 2022 00:38

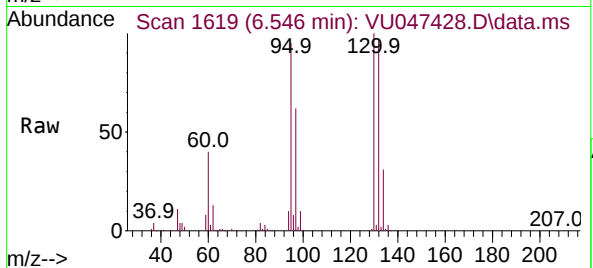
Tgt Ion: 78 Resp: 219825



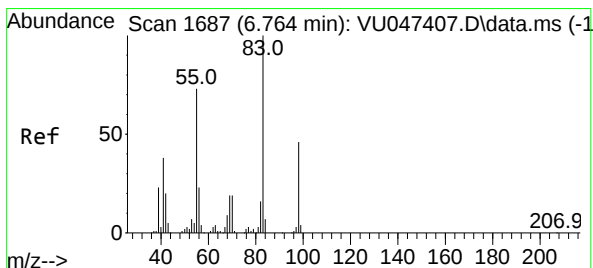
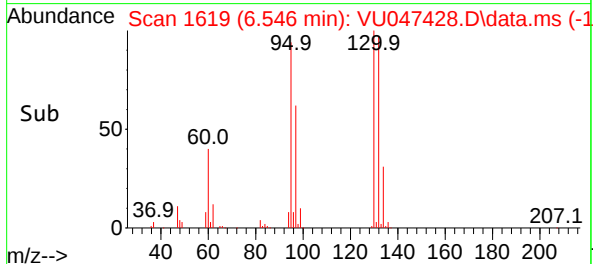
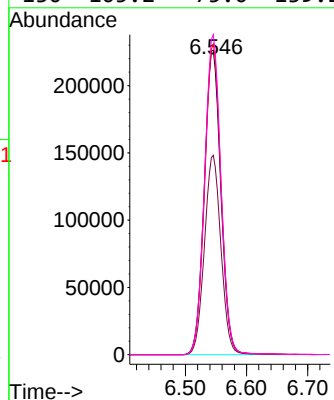


#34
Trichloroethene
Concen: 36.678 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU047428.D
Acq: 10 Mar 2022 00:38

Instrument :
MSVOA_U
ClientSampleId :

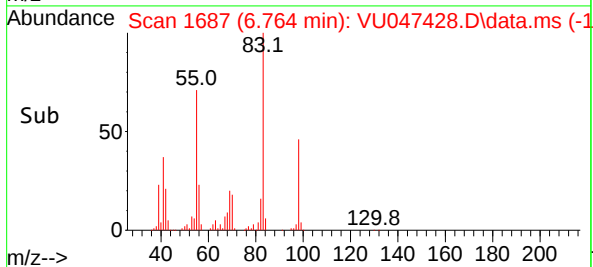
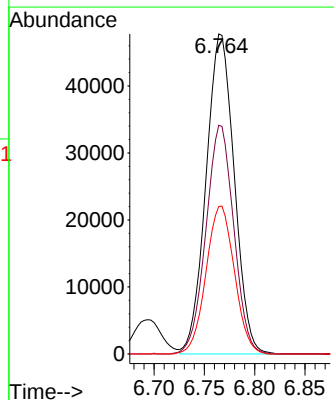
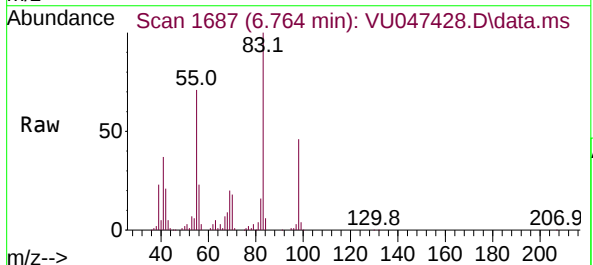


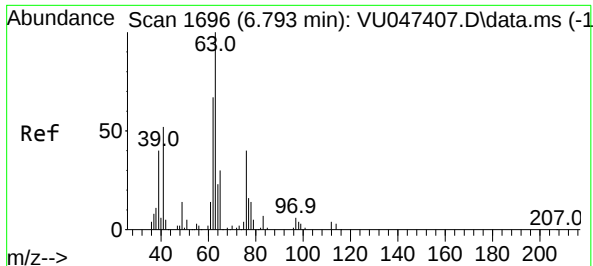
Tgt Ion: 95 Resp: 426525
Ion Ratio Lower Upper
95 100
97 65.5 46.3 85.9
132 102.1 71.7 133.1
130 105.2 75.0 139.2



#35
Methylcyclohexane
Concen: 5.083 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU047428.D
Acq: 10 Mar 2022 00:38

Tgt Ion: 83 Resp: 93243
Ion Ratio Lower Upper
83 100
55 70.5 57.8 86.8
98 46.6 38.0 57.0





#37

1,2-Dichloropropane

Concen: 5.100 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047428.D

Acq: 10 Mar 2022 00:38

Instrument :

MSVOA_U

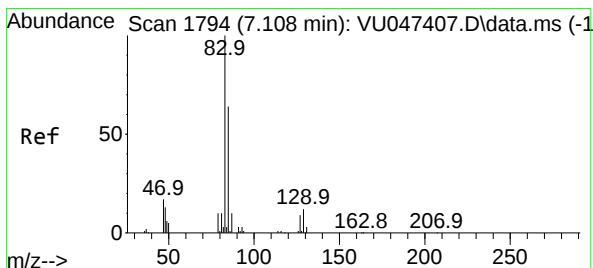
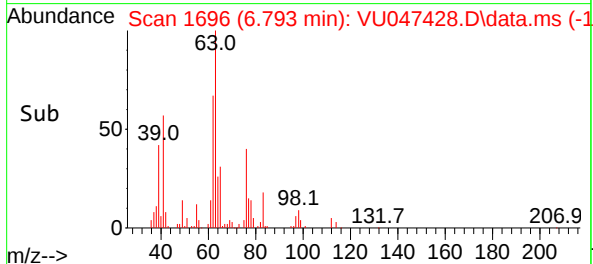
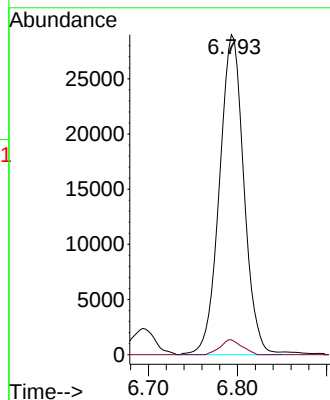
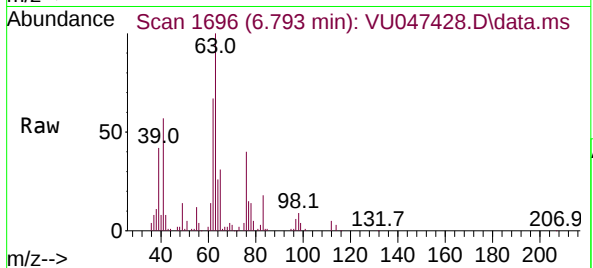
ClientSampleId :

Tgt Ion: 63 Resp: 55257

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 5.107 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047428.D

Acq: 10 Mar 2022 00:38

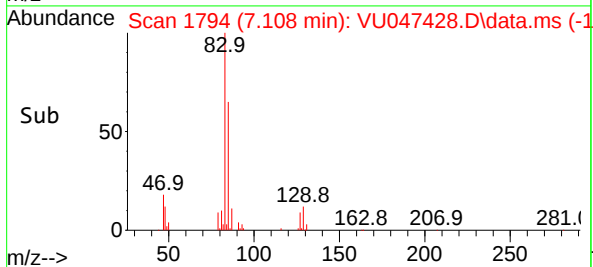
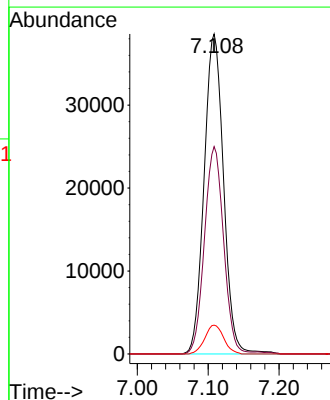
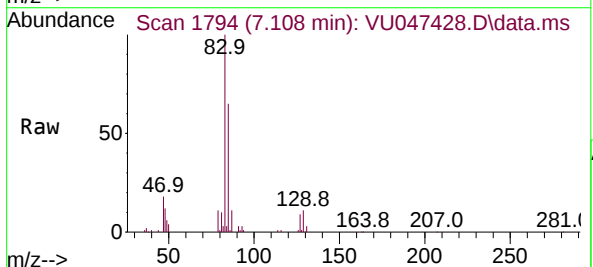
Tgt Ion: 83 Resp: 73462

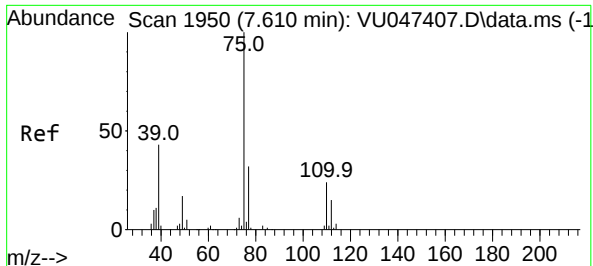
Ion Ratio Lower Upper

83 100

85 64.8 45.0 83.6

127 9.0 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 5.152 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047428.D

Acq: 10 Mar 2022 00:38

Instrument :

MSVOA_U

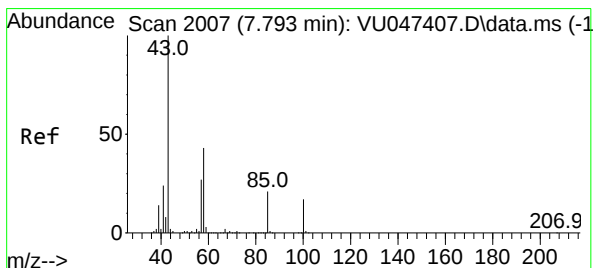
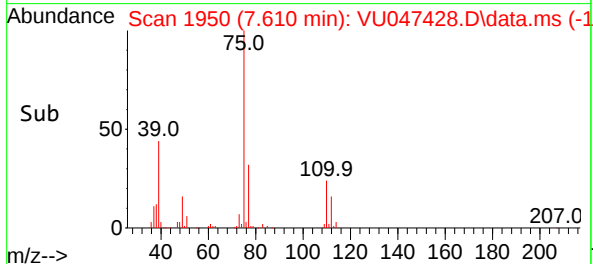
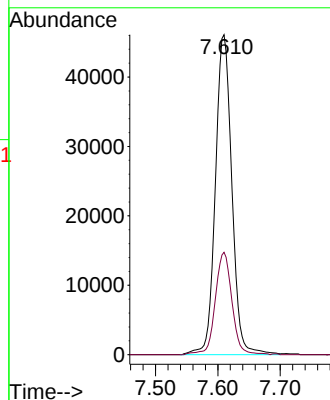
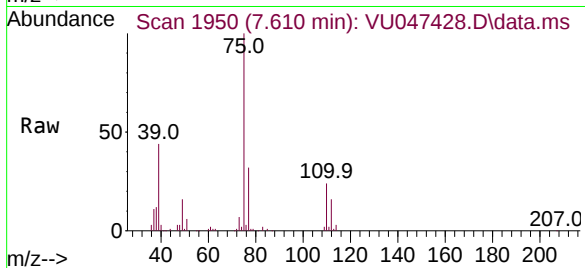
ClientSampleId :

Tgt Ion: 75 Resp: 84623

Ion Ratio Lower Upper

75 100

77 32.0 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 52.951 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU047428.D

Acq: 10 Mar 2022 00:38

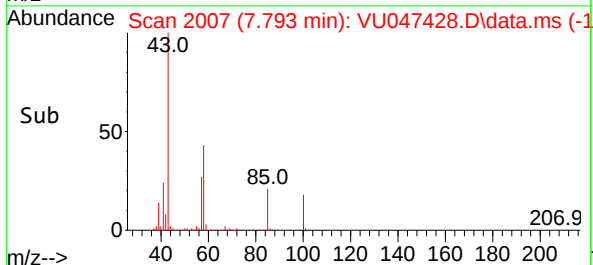
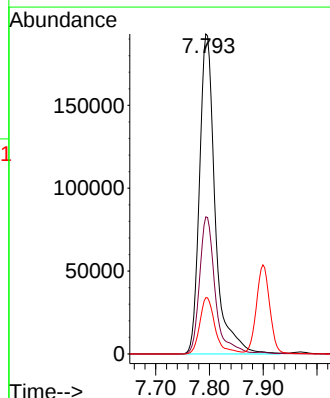
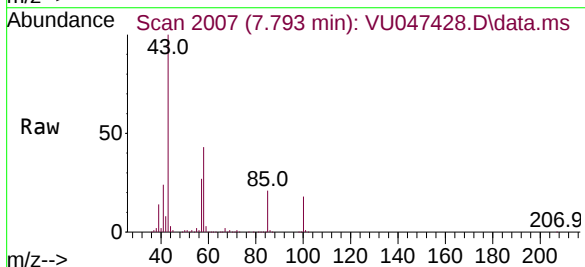
Tgt Ion: 43 Resp: 391068

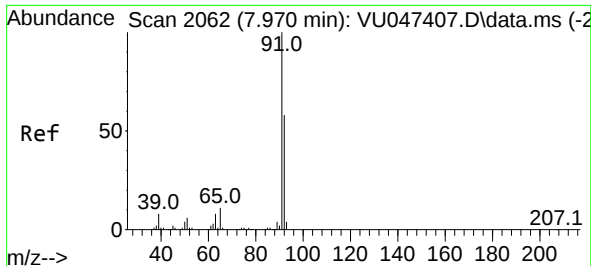
Ion Ratio Lower Upper

43 100

58 42.7 34.8 52.2

100 17.4 14.2 21.4





#42

Toluene

Concen: 5.131 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047428.D

Acq: 10 Mar 2022 00:38

Instrument :

MSVOA_U

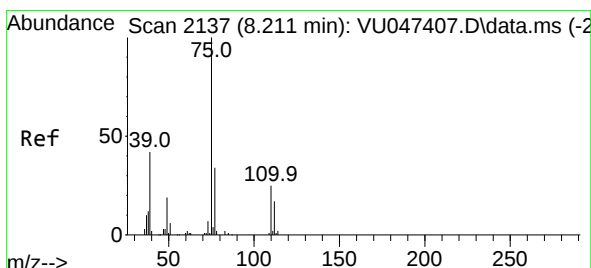
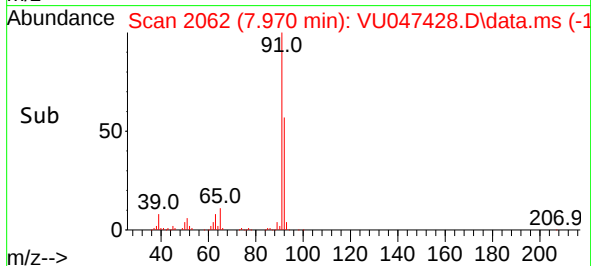
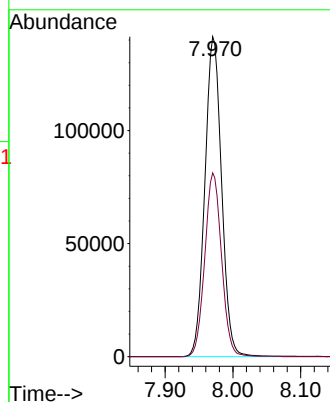
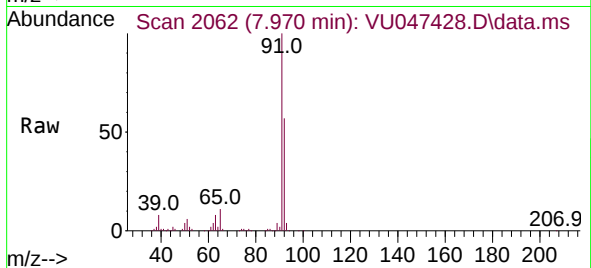
ClientSampleId :

Tgt Ion: 91 Resp: 242455

Ion Ratio Lower Upper

91 100

92 57.4 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.044 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047428.D

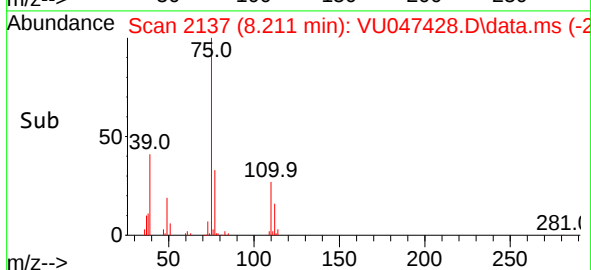
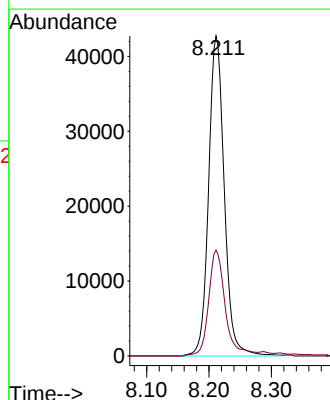
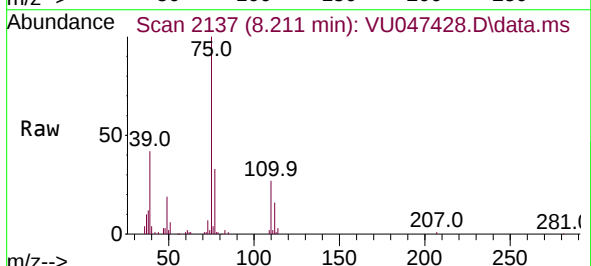
Acq: 10 Mar 2022 00:38

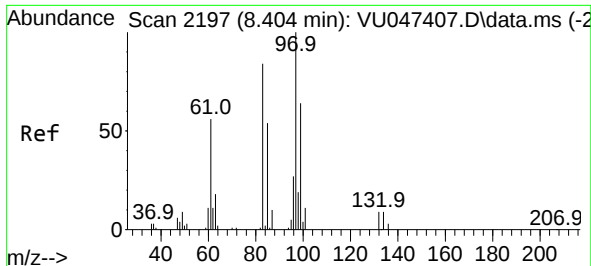
Tgt Ion: 75 Resp: 74727

Ion Ratio Lower Upper

75 100

77 33.1 23.6 43.8

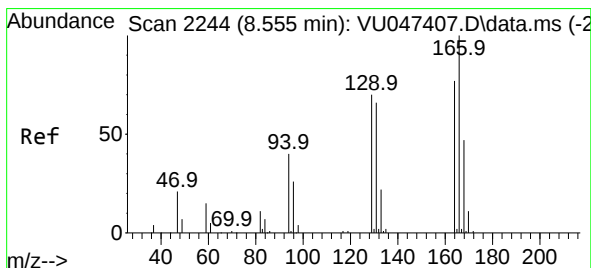
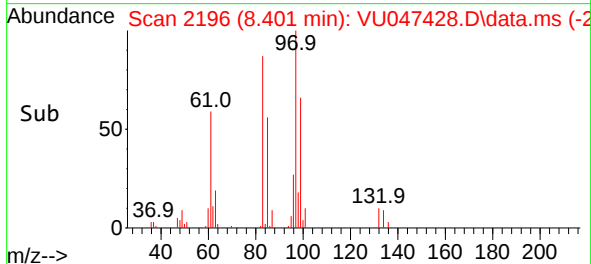
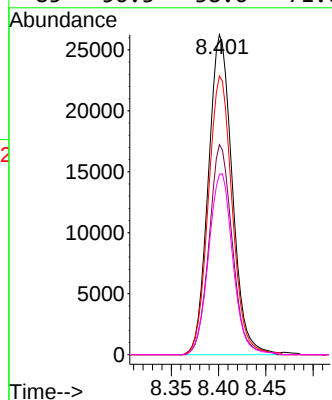
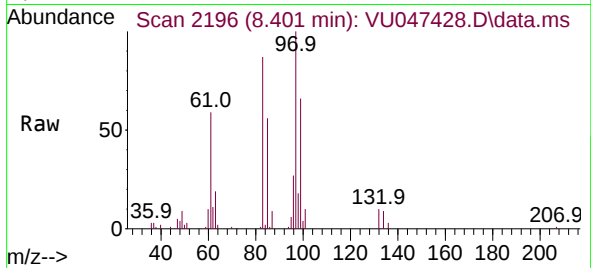




#45
1,1,2-Trichloroethane
Concen: 5.214 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU047428.D
Acq: 10 Mar 2022 00:38

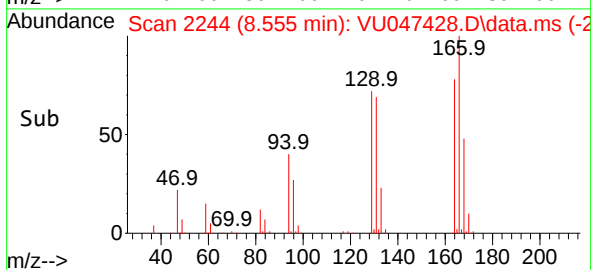
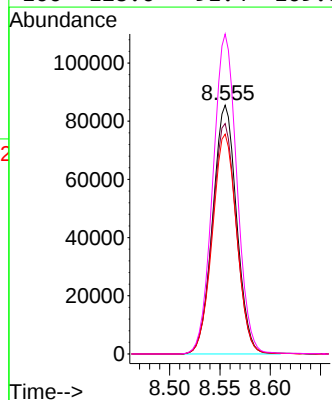
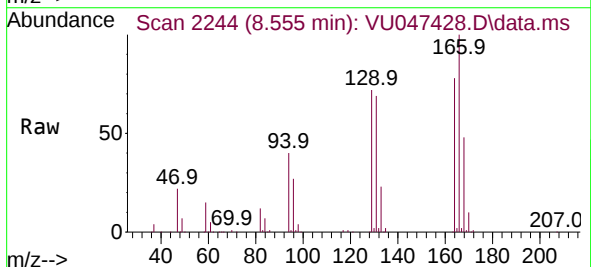
Instrument :
MSVOA_U
ClientSampleId :

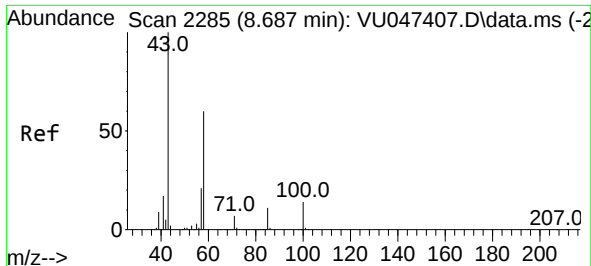
Tgt Ion:	97	Resp:	46293
Ion	Ratio	Lower	Upper
97	100		
99	65.7	43.3	80.5
83	87.1	59.1	109.9
85	56.3	38.6	71.6



#47
Tetrachloroethene
Concen: 14.359 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047428.D
Acq: 10 Mar 2022 00:38

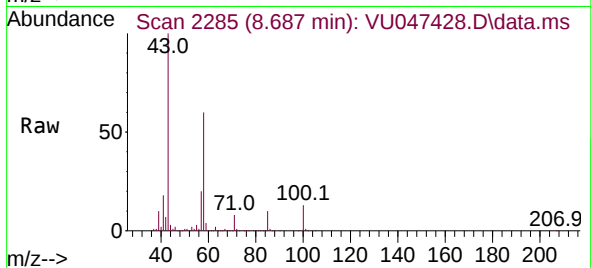
Tgt Ion:	164	Resp:	141650
Ion	Ratio	Lower	Upper
164	100		
129	92.6	64.9	120.5
131	88.4	63.6	118.2
166	128.6	91.4	169.8



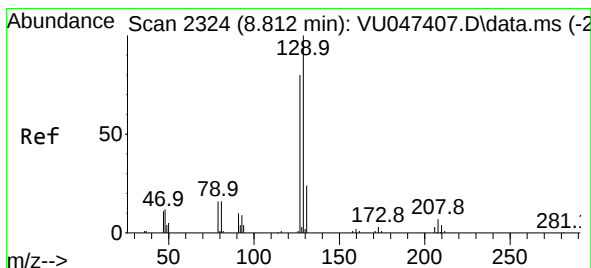
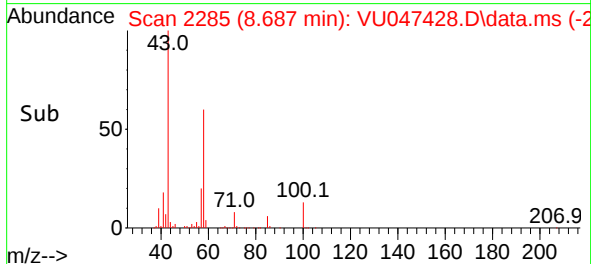
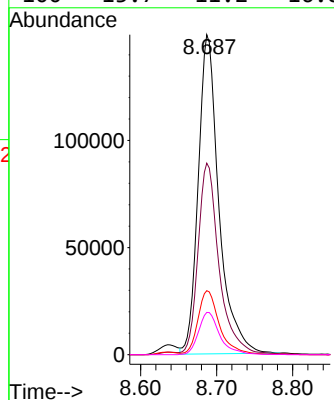


#48
2-Hexanone
Concen: 52.631 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047428.D
Acq: 10 Mar 2022 00:38

Instrument :
MSVOA_U
ClientSampleId :

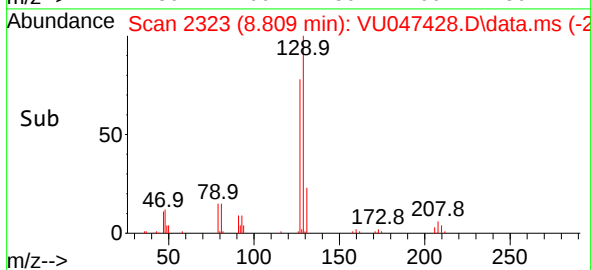
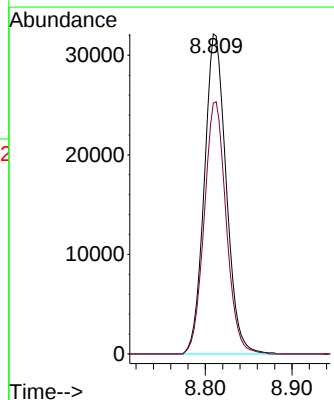
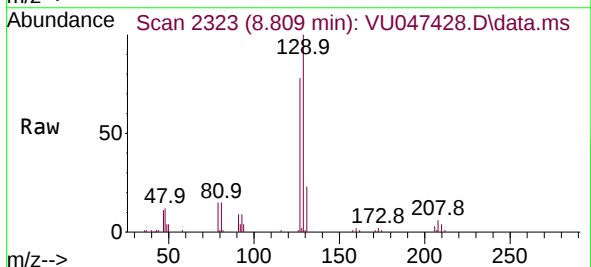


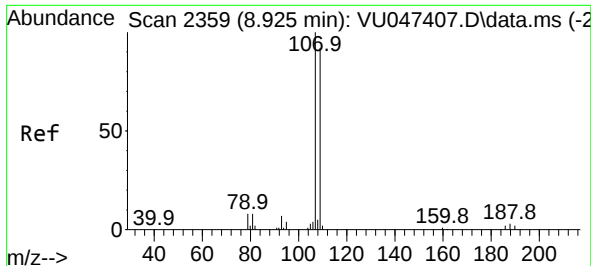
Tgt Ion: 43 Resp: 282007
Ion Ratio Lower Upper
43 100
58 61.4 47.7 71.5
57 21.1 16.6 25.0
100 13.7 11.2 16.8



#49
Dibromochloromethane
Concen: 5.229 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU047428.D
Acq: 10 Mar 2022 00:38

Tgt Ion: 129 Resp: 56397
Ion Ratio Lower Upper
129 100
127 78.4 52.6 97.8

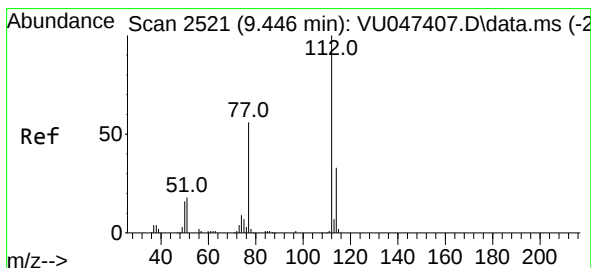
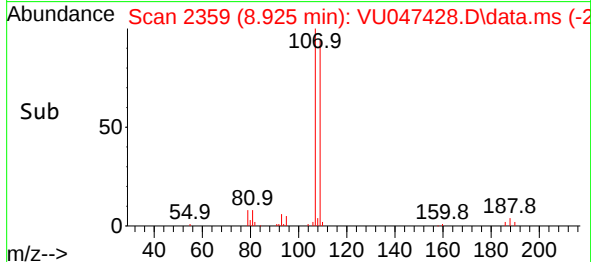
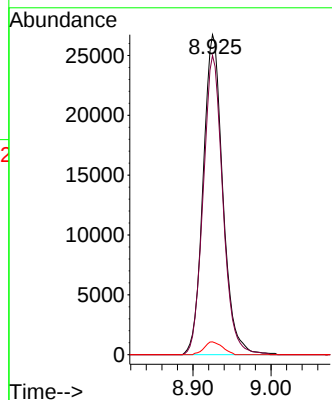
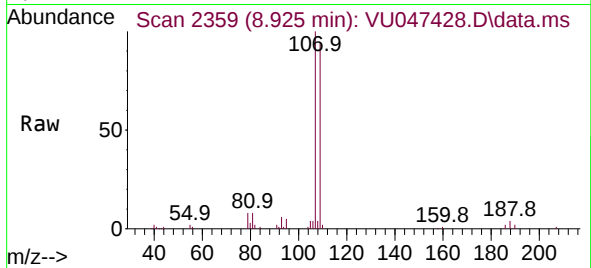




#50
1,2-Dibromoethane
Concen: 5.190 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047428.D
Acq: 10 Mar 2022 00:38

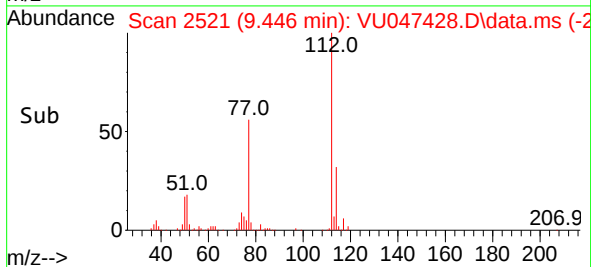
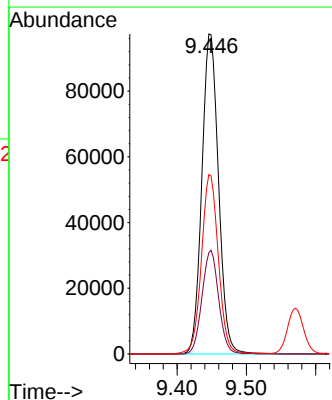
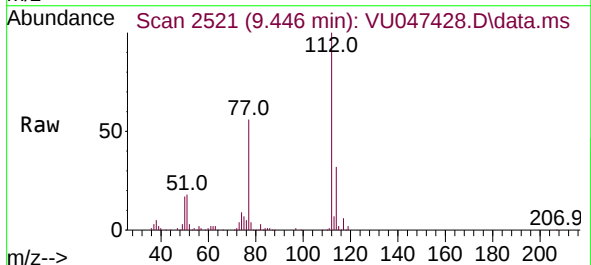
Instrument :
MSVOA_U
ClientSampleId :

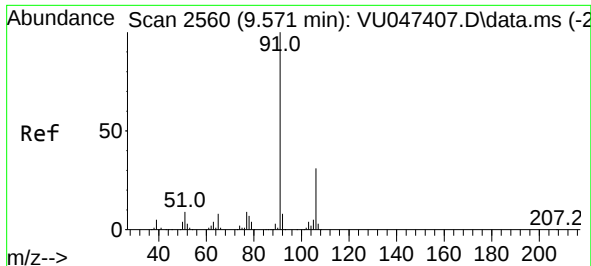
Tgt Ion:107 Resp: 46893
Ion Ratio Lower Upper
107 100
109 93.5 65.8 122.2
188 4.0 3.3 4.9



#51
Chlorobenzene
Concen: 5.139 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU047428.D
Acq: 10 Mar 2022 00:38

Tgt Ion:112 Resp: 162479
Ion Ratio Lower Upper
112 100
114 31.7 22.8 42.4
77 56.1 45.0 67.6

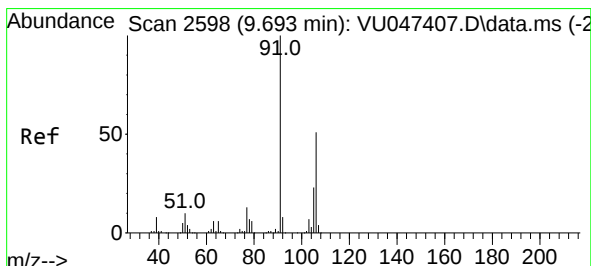
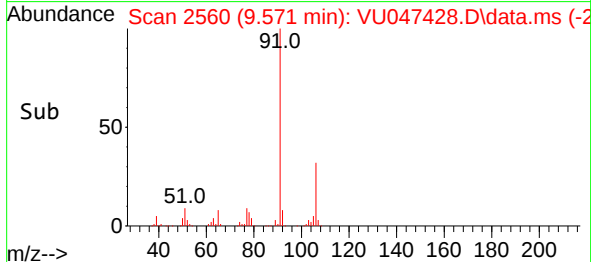
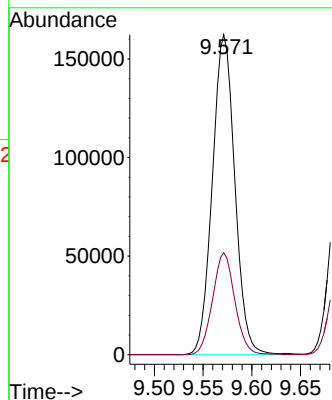
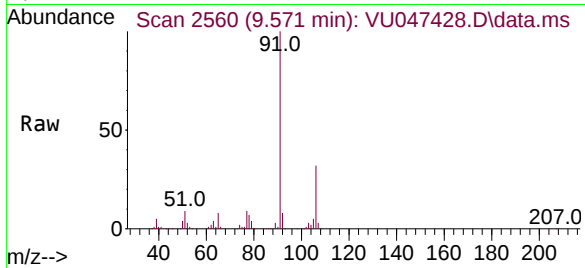




#52
Ethylbenzene
Concen: 5.082 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047428.D
Acq: 10 Mar 2022 00:38

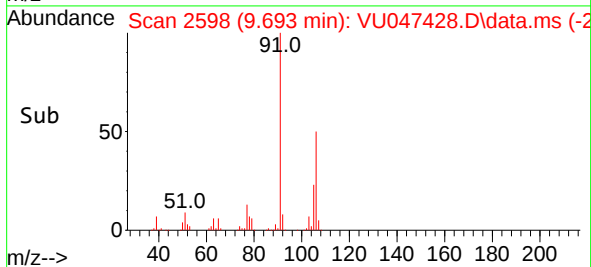
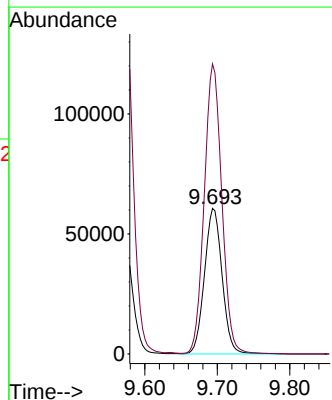
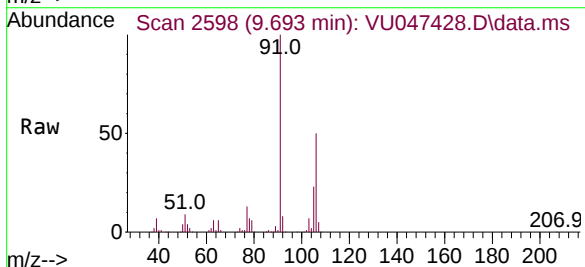
Instrument :
MSVOA_U
ClientSampleId :

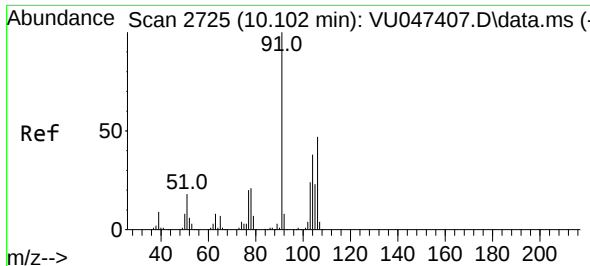
Tgt Ion: 91 Resp: 260120
Ion Ratio Lower Upper
91 100
106 31.9 22.4 41.6



#53
m,p-Xylene
Concen: 5.106 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU047428.D
Acq: 10 Mar 2022 00:38

Tgt Ion:106 Resp: 102522
Ion Ratio Lower Upper
106 100
91 199.2 138.8 257.8

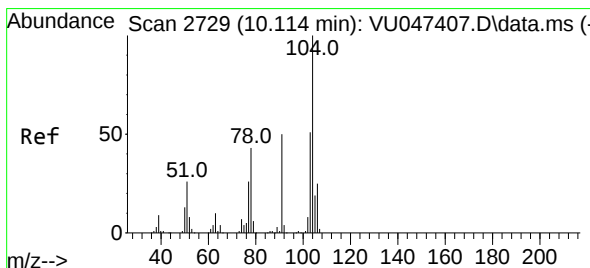
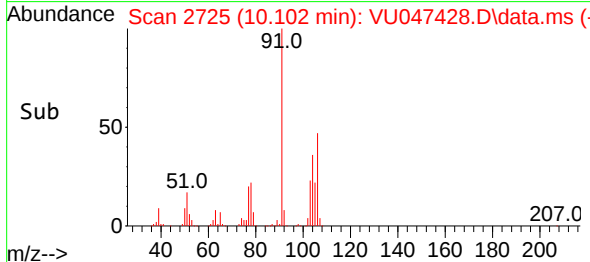
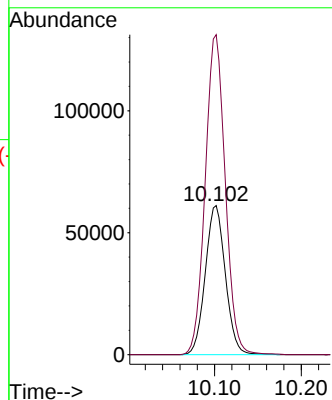
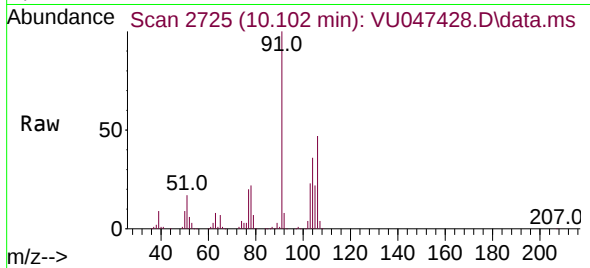




#54
o-Xylene
Concen: 5.069 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047428.D
Acq: 10 Mar 2022 00:38

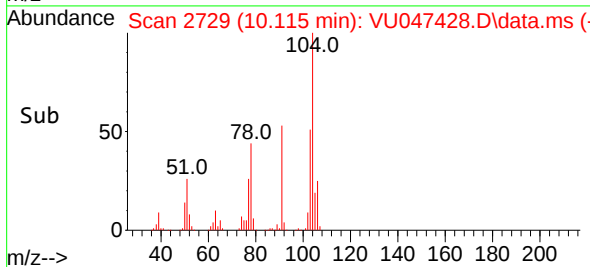
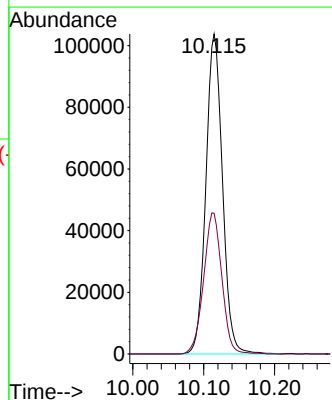
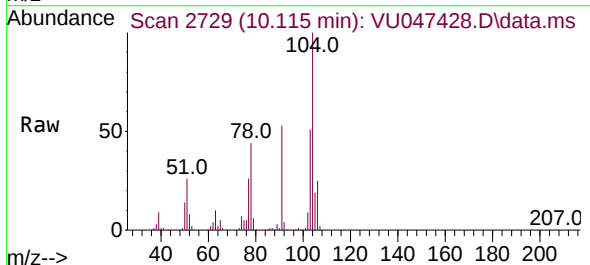
Instrument :
MSVOA_U
ClientSampleId :

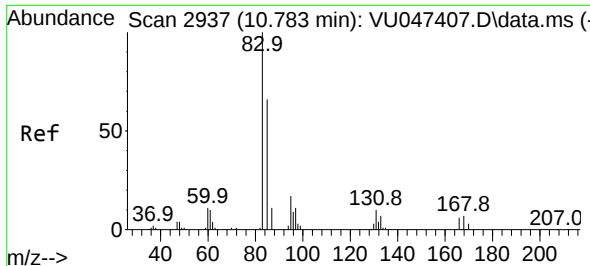
Tgt Ion:106 Resp: 98595
Ion Ratio Lower Upper
106 100
91 214.7 149.2 277.0



#55
Styrene
Concen: 5.137 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU047428.D
Acq: 10 Mar 2022 00:38

Tgt Ion:104 Resp: 168912
Ion Ratio Lower Upper
104 100
78 43.9 30.4 56.4

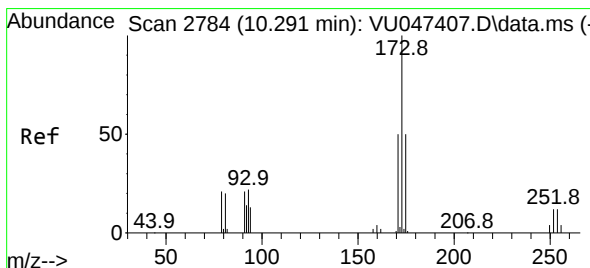
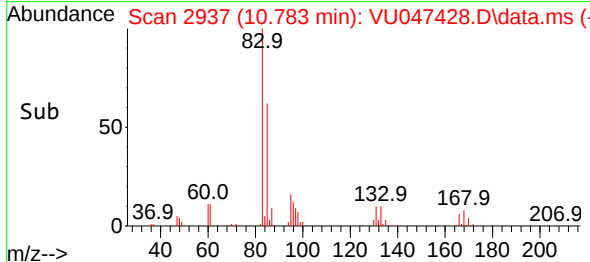
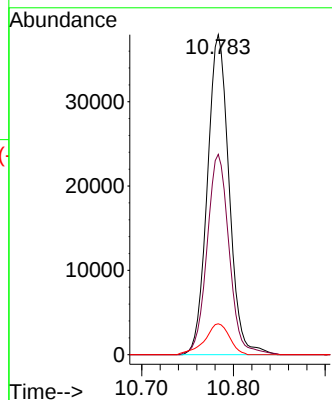
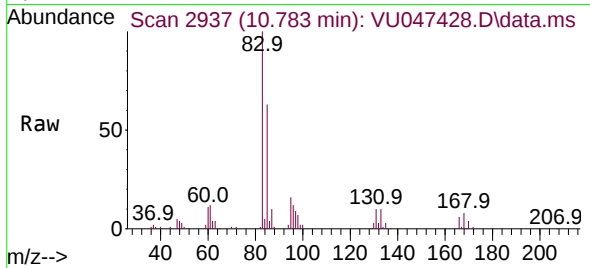




#57
1,1,2-Tetrachloroethane
Concen: 5.237 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047428.D
Acq: 10 Mar 2022 00:38

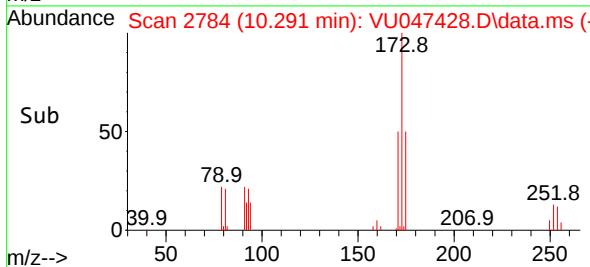
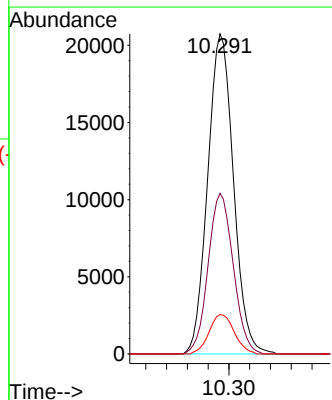
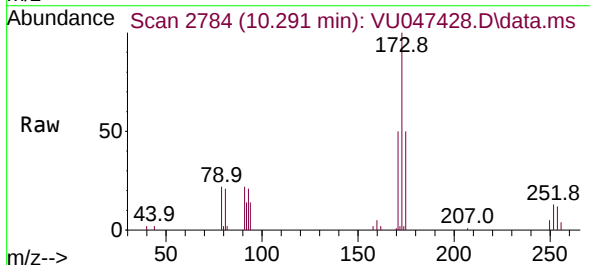
Instrument :
MSVOA_U
ClientSampleId :

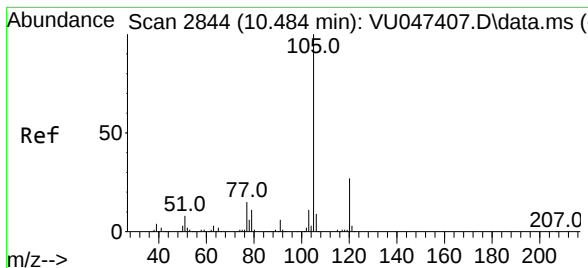
Tgt Ion: 83 Resp: 62244
Ion Ratio Lower Upper
83 100
85 62.6 46.0 85.4
131 9.7 8.2 12.4



#59
Bromoform
Concen: 5.287 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU047428.D
Acq: 10 Mar 2022 00:38

Tgt Ion: 173 Resp: 35706
Ion Ratio Lower Upper
173 100
175 48.9 38.7 58.1
254 12.1 9.0 13.4





#60

Isopropylbenzene

Concen: 5.205 ug/L

RT: 10.484 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU047428.D

Acq: 10 Mar 2022 00:38

Instrument :

MSVOA_U

ClientSampleId :

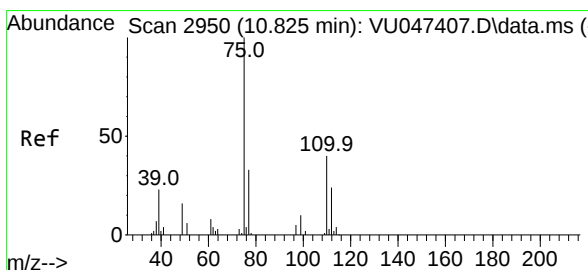
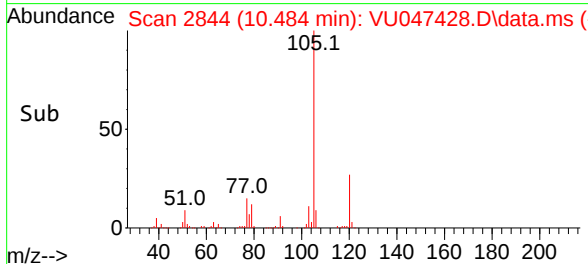
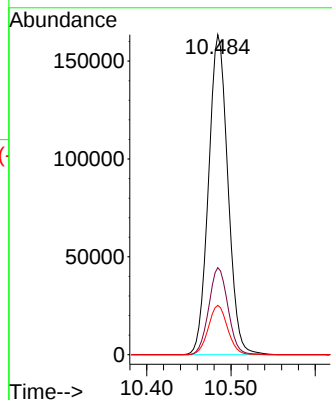
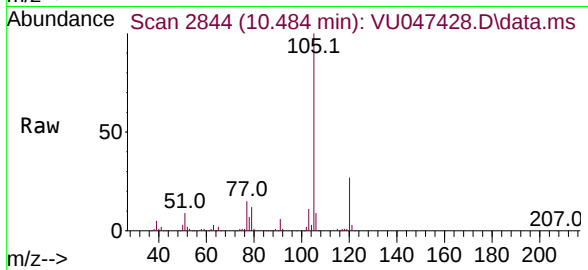
Tgt Ion:105 Resp: 261243

Ion Ratio Lower Upper

105 100

120 27.0 21.8 32.6

77 15.3 12.2 18.2



#61

1,2,3-Trichloropropane

Concen: 5.198 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU047428.D

Acq: 10 Mar 2022 00:38

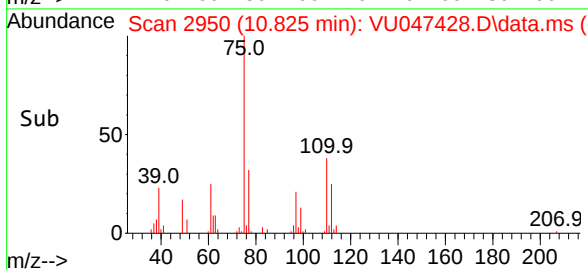
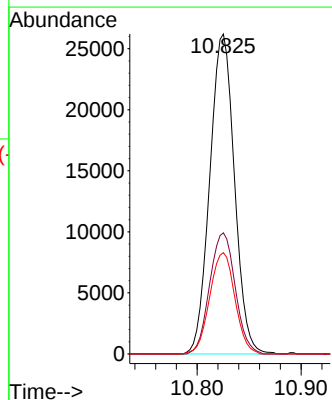
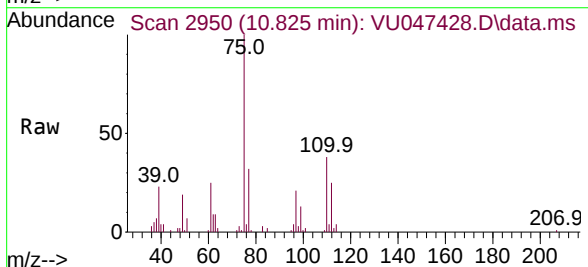
Tgt Ion: 75 Resp: 43190

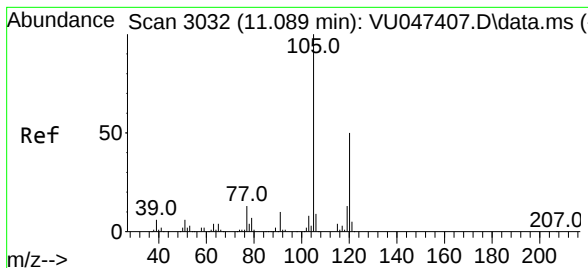
Ion Ratio Lower Upper

75 100

110 39.2 31.0 46.4

77 32.3 26.2 39.4





#62

1,3,5-Trimethylbenzene

Concen: 5.161 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU047428.D

Acq: 10 Mar 2022 00:38

Instrument :

MSVOA_U

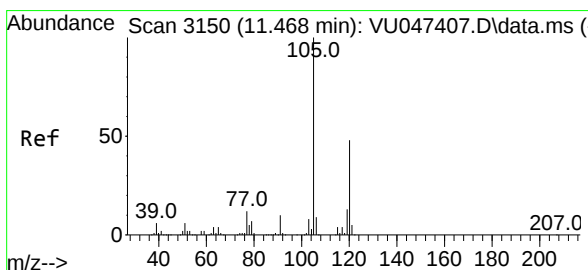
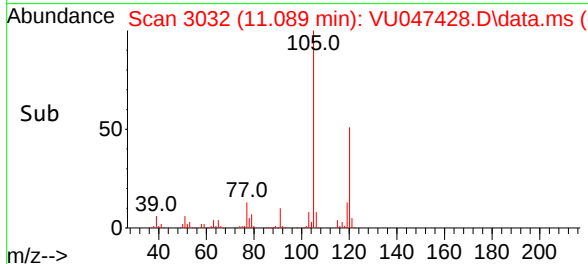
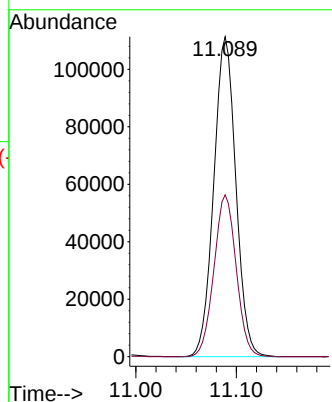
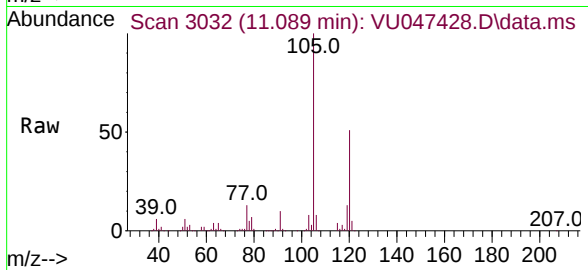
ClientSampleId :

Tgt Ion:105 Resp: 169898

Ion Ratio Lower Upper

105 100

120 50.9 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.179 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU047428.D

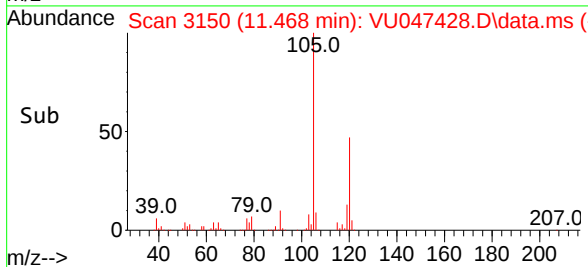
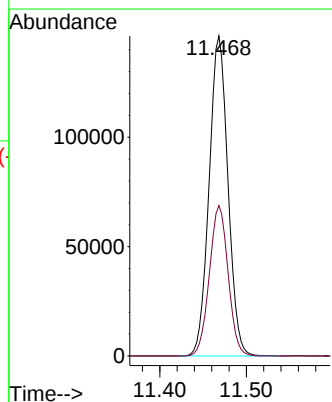
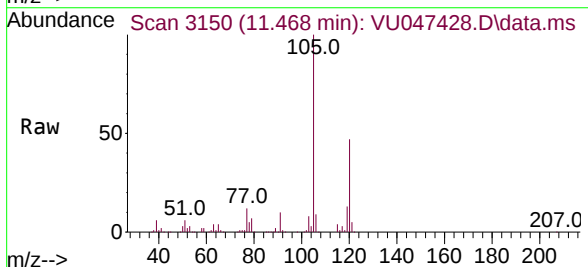
Acq: 10 Mar 2022 00:38

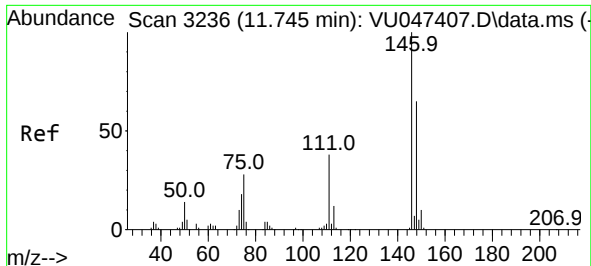
Tgt Ion:105 Resp: 221184

Ion Ratio Lower Upper

105 100

120 46.7 37.2 55.8

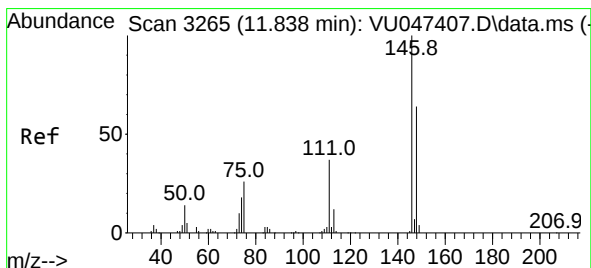
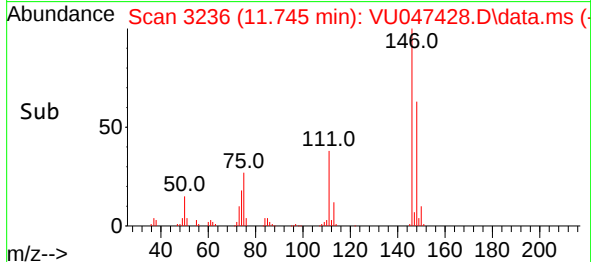
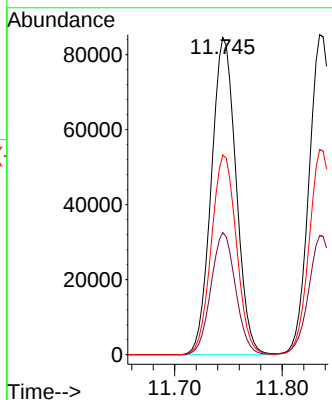
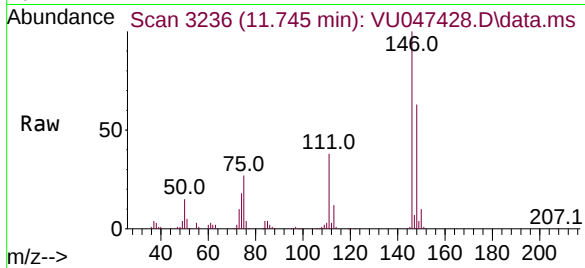




#64
1,3-Dichlorobenzene
Concen: 5.076 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047428.D
Acq: 10 Mar 2022 00:38

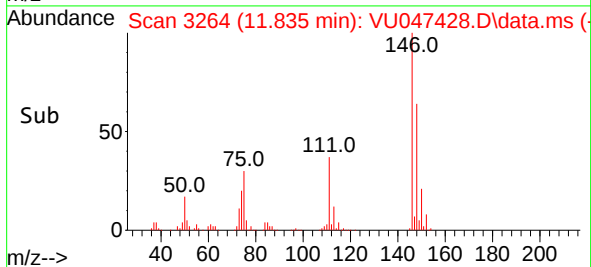
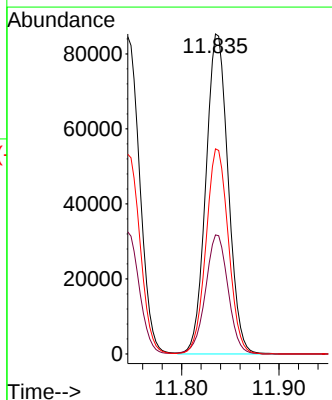
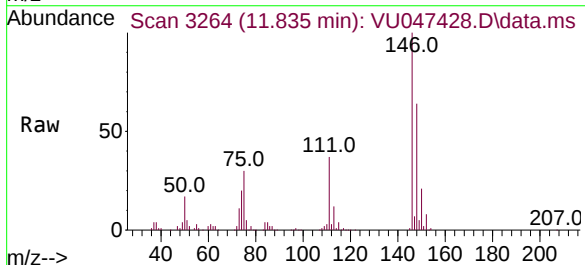
Instrument :
MSVOA_U
ClientSampleId :

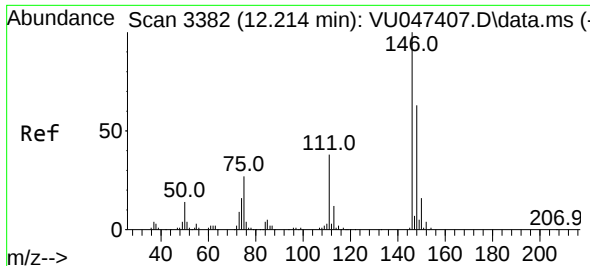
Tgt Ion:146 Resp: 135040
Ion Ratio Lower Upper
146 100
111 38.5 27.0 50.2
148 62.9 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.024 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU047428.D
Acq: 10 Mar 2022 00:38

Tgt Ion:146 Resp: 135713
Ion Ratio Lower Upper
146 100
111 37.2 26.1 48.5
148 64.1 45.6 84.6





#67

1,2-Dichlorobenzene

Concen: 5.141 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU047428.D

Acq: 10 Mar 2022 00:38

Instrument :

MSVOA_U

ClientSampleId :

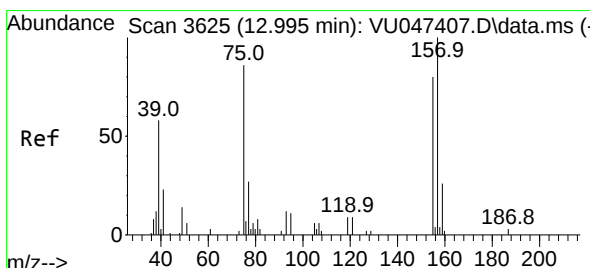
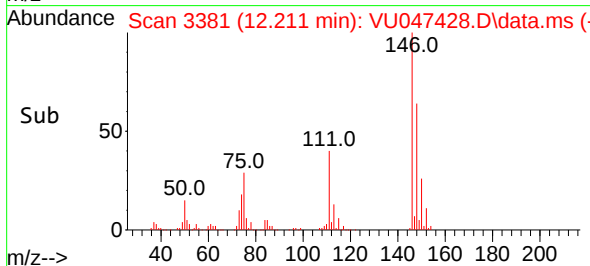
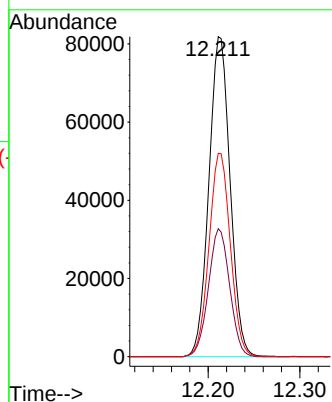
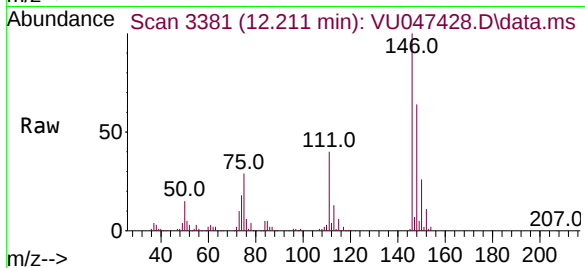
Tgt Ion:146 Resp: 131409

Ion Ratio Lower Upper

146 100

111 40.0 31.9 47.9

148 63.6 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.536 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU047428.D

Acq: 10 Mar 2022 00:38

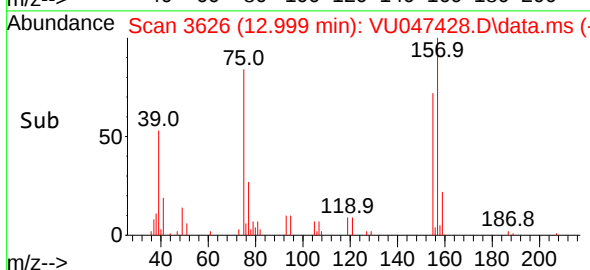
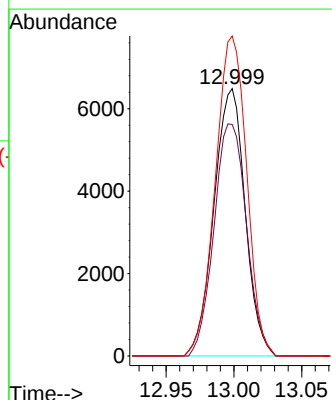
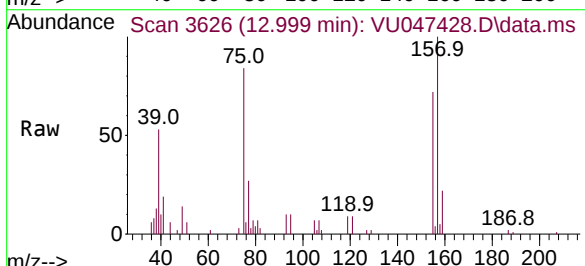
Tgt Ion: 75 Resp: 10371

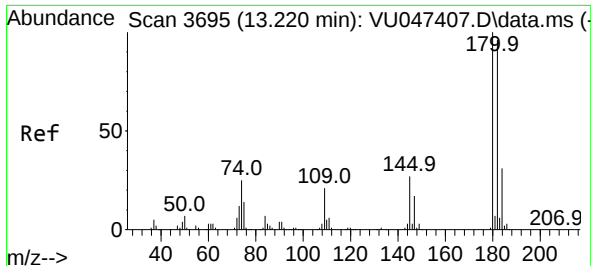
Ion Ratio Lower Upper

75 100

155 86.6 71.3 106.9

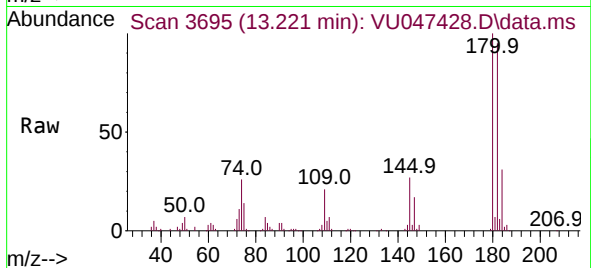
157 119.7 88.6 132.8



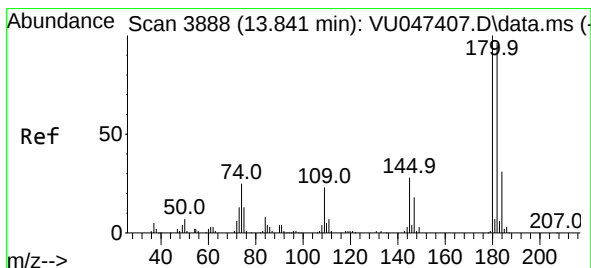
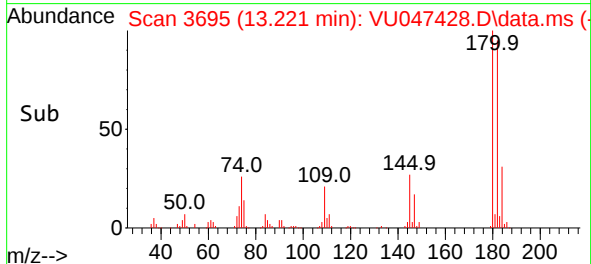
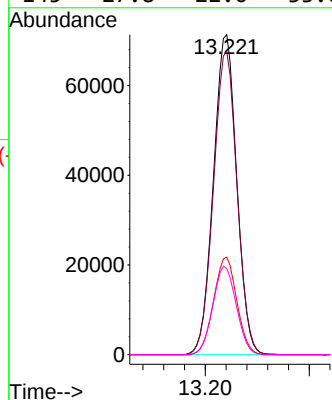


#69
 1,3,5-Trichlorobenzene
 Concen: 5.090 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU047428.D
 Acq: 10 Mar 2022 00:38

Instrument :
 MSVOA_U
 ClientSampleId :

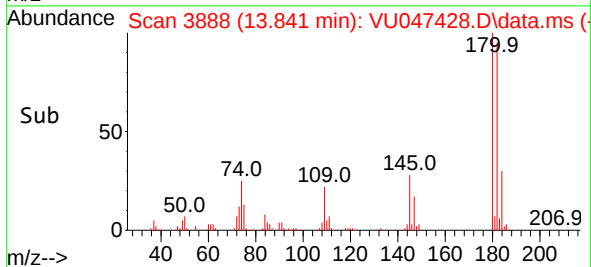
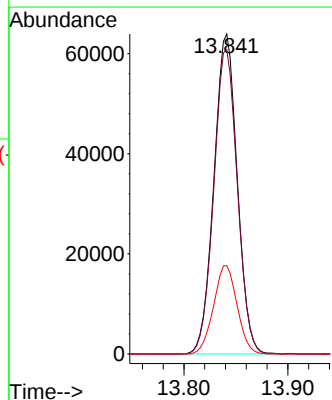
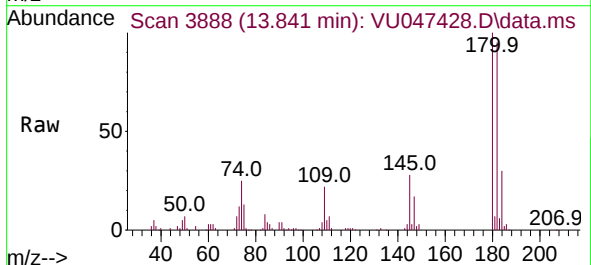


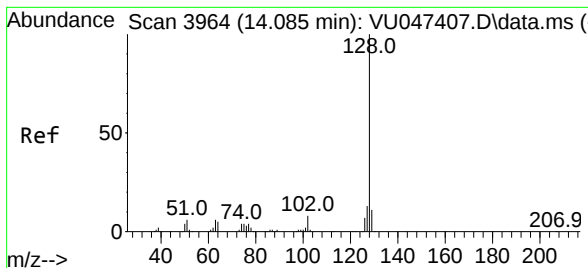
Tgt Ion:180 Resp: 111058
 Ion Ratio Lower Upper
 180 100
 182 95.9 77.1 115.7
 184 30.4 25.0 37.4
 145 27.8 22.0 33.0



#70
 1,2,4-trichlorobenzene
 Concen: 5.123 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047428.D
 Acq: 10 Mar 2022 00:38

Tgt Ion:180 Resp: 99627
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.6 114.8
 145 27.9 22.4 33.6





#71

Naphthalene

Concen: 5.330 ug/L

RT: 14.085 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU047428.D

Acq: 10 Mar 2022 00:38

Instrument :

MSVOA_U

ClientSampleId :

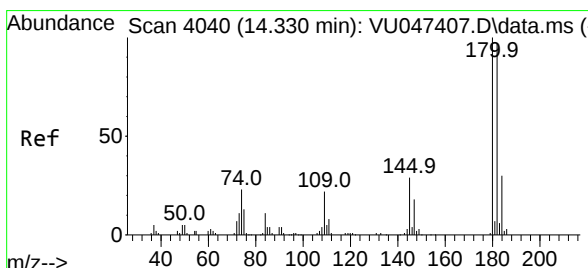
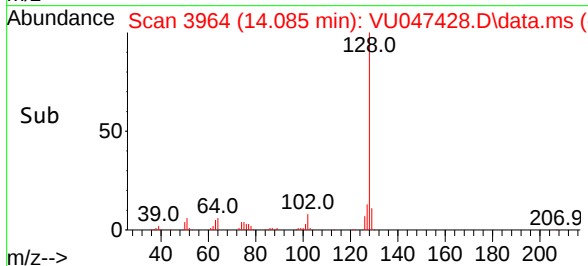
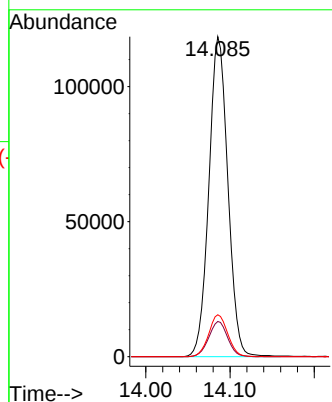
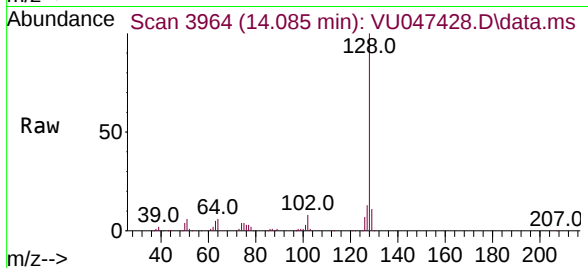
Tgt Ion:128 Resp: 185424

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

127 13.1 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.198 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU047428.D

Acq: 10 Mar 2022 00:38

Tgt Ion:180 Resp: 92703

Ion Ratio Lower Upper

180 100

182 95.9 77.0 115.6

145 29.8 23.4 35.2

