

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046931.D
 Acq On : 31 Jan 2022 20:44
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 00:29:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 01 00:23:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	110680	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	121929	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	63835	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	55460	5.913	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.200%
7) Chloroethane-d5	1.919	69	40173	5.437	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.800%
11) 1,1-Dichloroethene-d2	2.575	65	20903	5.603	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.000%
20) 2-Butanone-d5	4.655	46	133109	47.908	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.820%
24) Chloroform-d	5.067	84	81974	4.979	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.707	65	44254	4.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.732	84	163902	4.574	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.694	67	50987	4.739	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.899	98	150403	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.182	79	20701	4.381	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.639	63	119563	42.734	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.460%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	47703	4.416	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	48320	4.036	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	50861	4.885	ug/L	99
3) Chloromethane	1.527	50	50317	5.869	ug/L	100
5) Vinyl chloride	1.607	62	50376	5.644	ug/L	100
6) Bromomethane	1.864	94	30446	5.451	ug/L	100
8) Chloroethane	1.941	64	30521	5.940	ug/L	99
9) Trichlorofluoromethane	2.147	101	61767	5.679	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	34876	5.393	ug/L	98
12) 1,1-Dichloroethene	2.588	96	34143	5.525	ug/L	91
13) Acetone	2.678	43	28069	18.575	ug/L	92
14) Carbon disulfide	2.800	76	103550	5.102	ug/L	98
15) Methyl Acetate	2.970	43	14192	4.300	ug/L	# 86
16) Methylene chloride	3.054	84	39452	5.286	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	80527	4.644	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	33437	4.995	ug/L	97
19) 1,1-Dichloroethane	3.877	63	64326	5.724	ug/L	100
21) 2-Butanone	4.736	43	115076	47.351	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	36539	5.175	ug/L	98
23) Bromochloromethane	4.980	128	17535	5.048	ug/L	98
25) Chloroform	5.092	83	68359	3.832	ug/L	98

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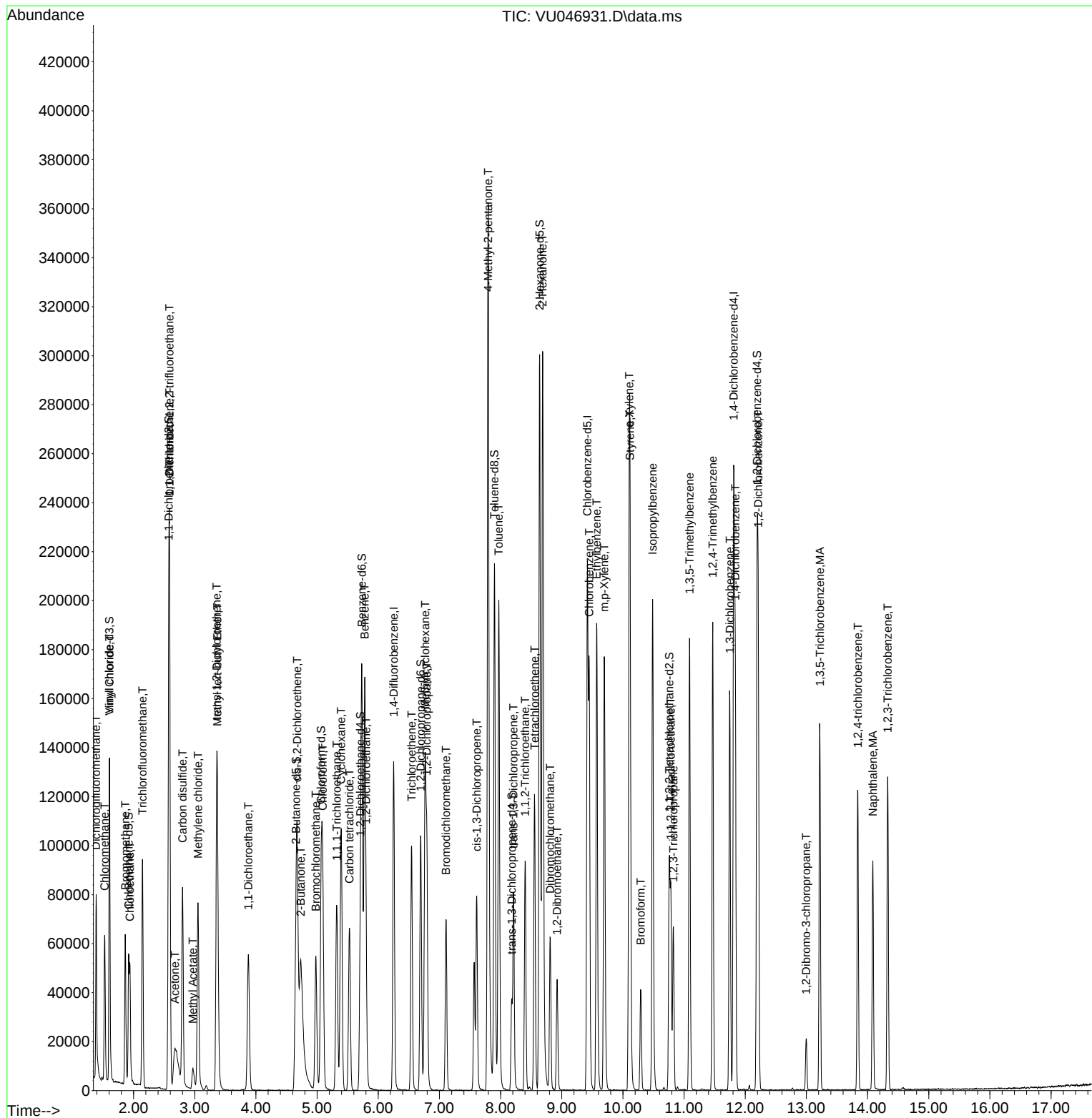
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	44569	5.661	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	55998	5.099	ug/L	99
30) Cyclohexane	5.395	56	50548	4.538	ug/L	100
31) Carbon tetrachloride	5.530	117	46673	4.953	ug/L	99
33) Benzene	5.777	78	147399	5.135	ug/L	100
34) Trichloroethene	6.546	95	35369	4.745	ug/L	98
35) Methylcyclohexane	6.768	83	49486	3.964	ug/L	98
37) 1,2-Dichloropropane	6.793	63	38136	5.415	ug/L	99
38) Bromodichloromethane	7.108	83	47358	4.673	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	48846	4.446	ug/L	98
40) 4-Methyl-2-pentanone	7.797	43	256084	49.603	ug/L	98
42) Toluene	7.970	91	154099	4.491	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	46357	4.736	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	30314	5.060	ug/L	98
47) Tetrachloroethene	8.555	164	27629	4.558	ug/L	96
48) 2-Hexanone	8.687	43	198529	50.945	ug/L	98
49) Dibromochloromethane	8.813	129	33006	4.670	ug/L	93
50) 1,2-Dibromoethane	8.925	107	28202	4.644	ug/L	98
51) Chlorobenzene	9.449	112	91573	4.595	ug/L	100
52) Ethylbenzene	9.571	91	142860	4.379	ug/L	99
53) m,p-Xylene	9.697	106	56389	4.336	ug/L	96
54) o-Xylene	10.102	106	54841	4.351	ug/L	97
55) Styrene	10.118	104	93914	4.554	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.784	83	40196	4.989	ug/L	96
59) Bromoform	10.292	173	18666	4.748	ug/L	99
60) Isopropylbenzene	10.485	105	138807	4.668	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	29013	5.364	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	102917	4.217	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	105610	4.205	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	67480	4.540	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	67483	4.511	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	66631	4.635	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	5740	5.113	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	45548	3.887	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	36074	3.682	ug/L	98
71) Naphthalene	14.086	128	74563	3.738	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	38227	4.131	ug/L	98

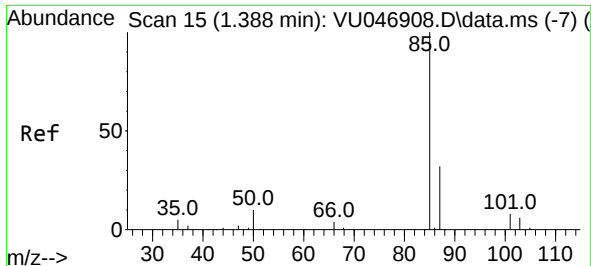
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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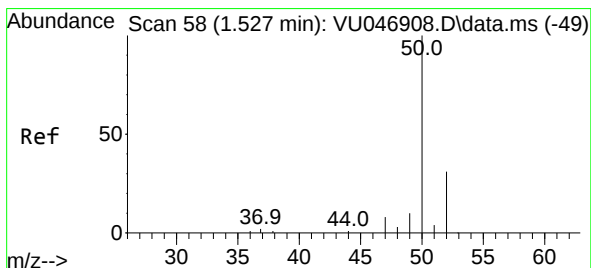
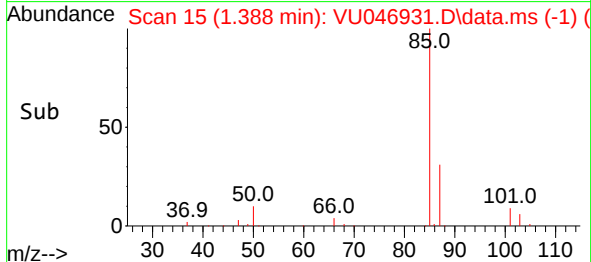
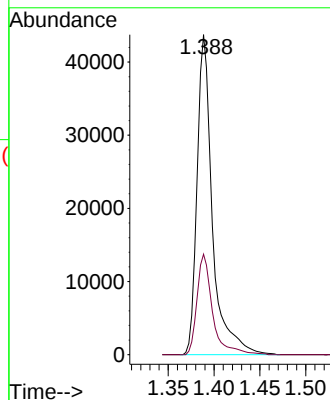
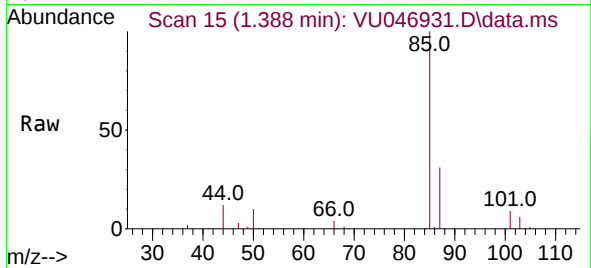




#2
 Dichlorodifluoromethane
 Concen: 4.885 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU046931.D
 Acq: 31 Jan 2022 20:44

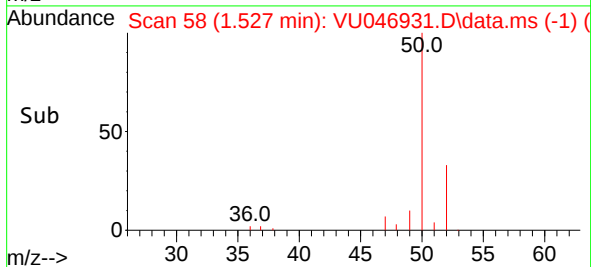
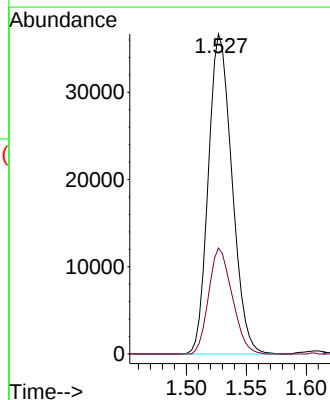
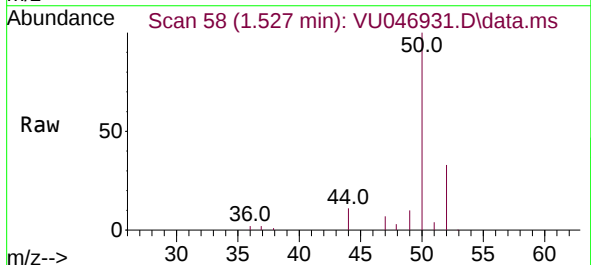
Instrument :
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 ClientSampleId :

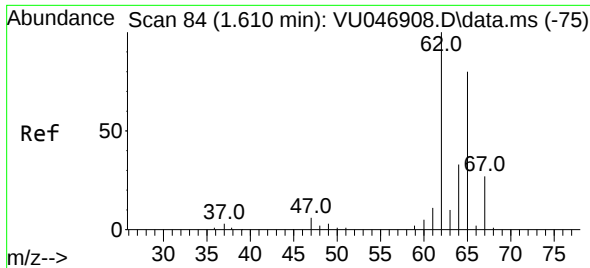
Tgt Ion: 85 Resp: 50861
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.8 38.6



#3
 Chloromethane
 Concen: 5.869 ug/L
 RT: 1.527 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: VU046931.D
 Acq: 31 Jan 2022 20:44

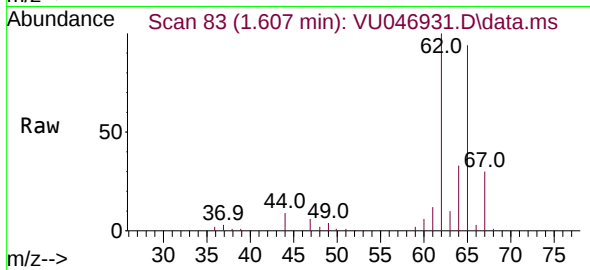
Tgt Ion: 50 Resp: 50317
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.0 42.8



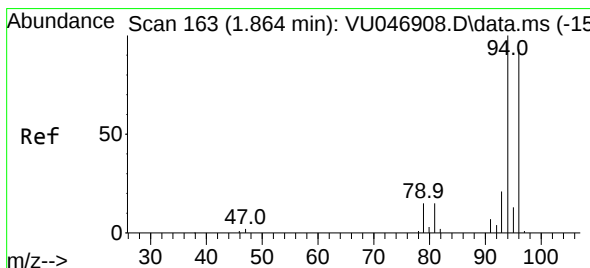
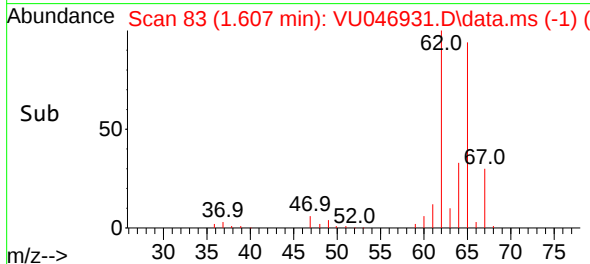
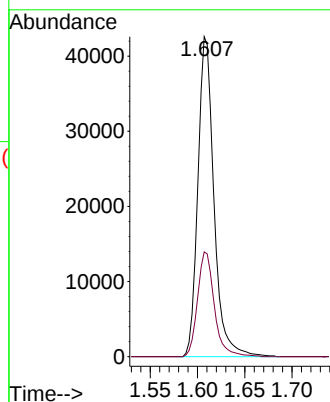


#5
 Vinyl chloride
 Concen: 5.644 ug/L
 RT: 1.607 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VU046931.D
 Acq: 31 Jan 2022 20:44

Instrument :
 MSVOA_U
 ClientSampleId :

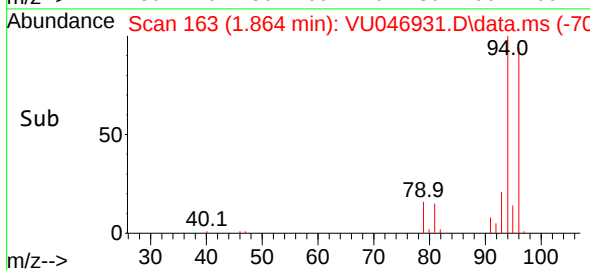
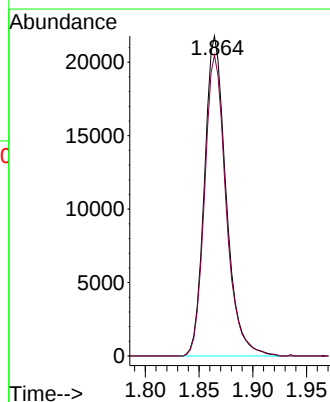
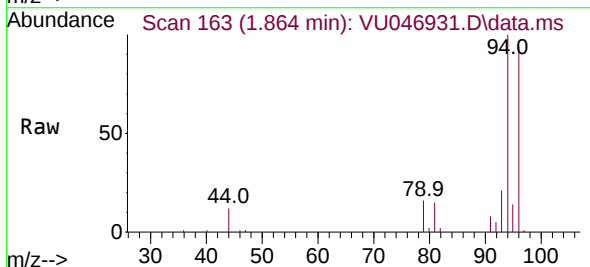


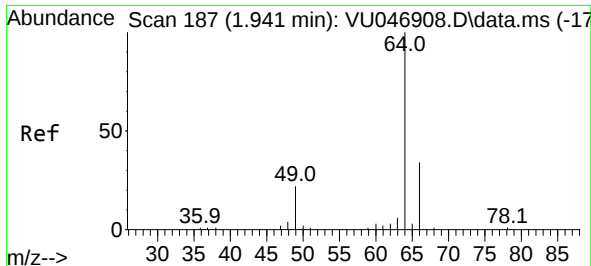
Tgt Ion: 62 Resp: 50376
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.9 42.5



#6
 Bromomethane
 Concen: 5.451 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU046931.D
 Acq: 31 Jan 2022 20:44

Tgt Ion: 94 Resp: 30446
 Ion Ratio Lower Upper
 94 100
 96 94.0 65.5 121.6

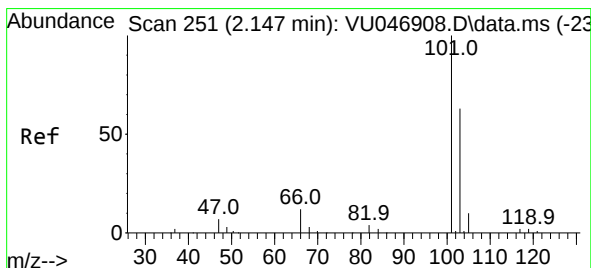
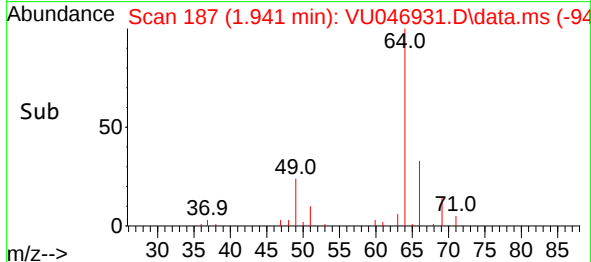
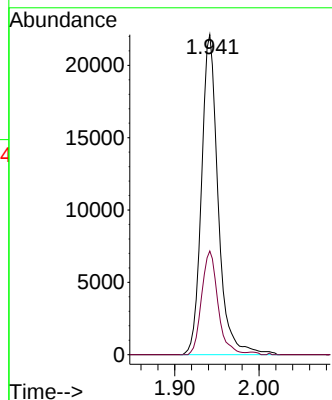
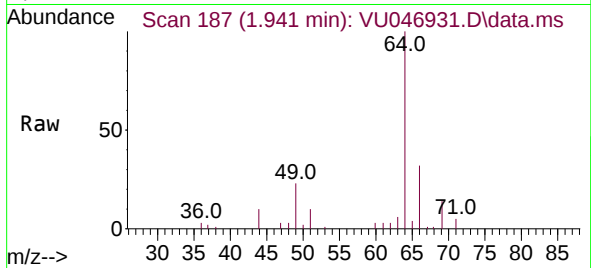




#8
Chloroethane
Concen: 5.940 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.000 min
Lab File: VU046931.D
Acq: 31 Jan 2022 20:44

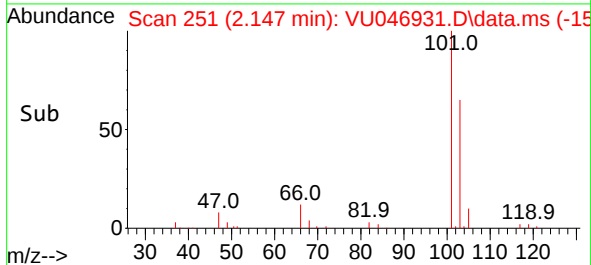
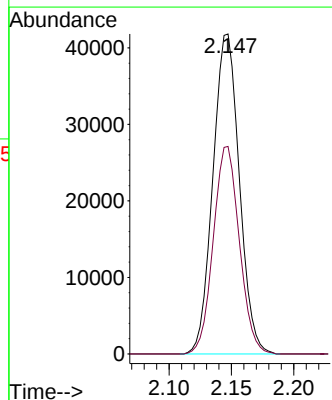
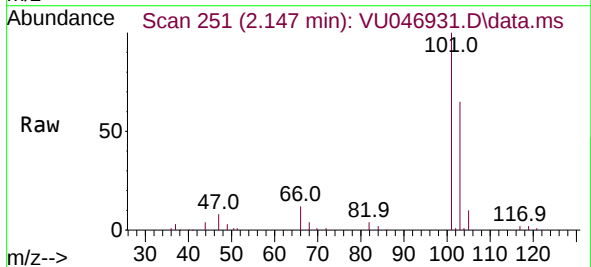
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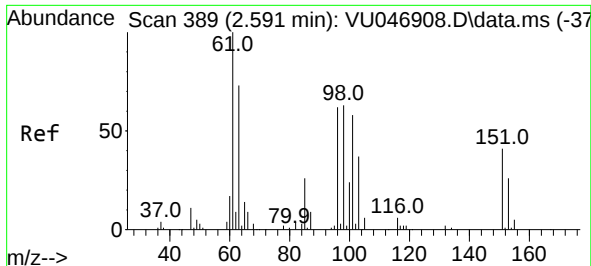
Tgt Ion: 64 Resp: 30521
Ion Ratio Lower Upper
64 100
66 32.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.679 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.000 min
Lab File: VU046931.D
Acq: 31 Jan 2022 20:44

Tgt Ion:101 Resp: 61767
Ion Ratio Lower Upper
101 100
103 63.9 51.5 77.3

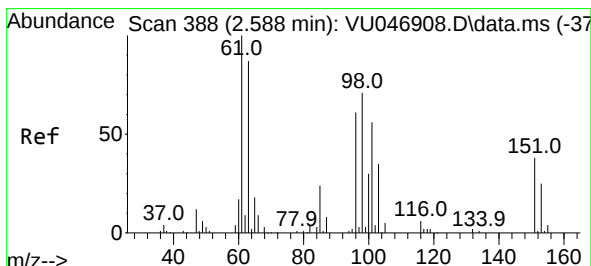
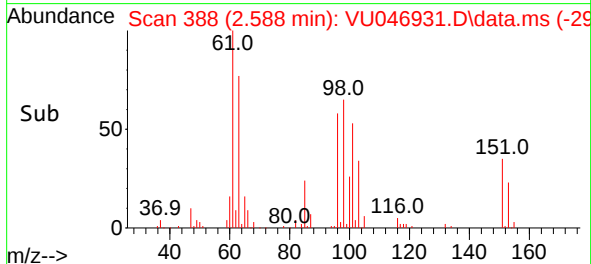
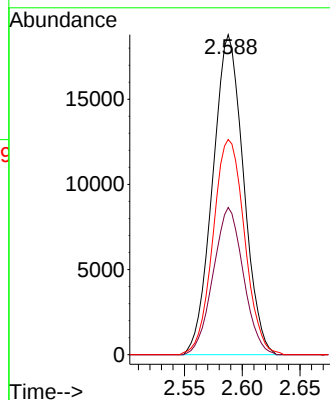
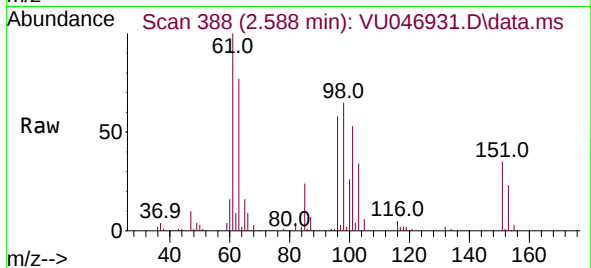




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.393 ug/L
RT: 2.588 min Scan# 389
Delta R.T. -0.003 min
Lab File: VU046931.D
Acq: 31 Jan 2022 20:44

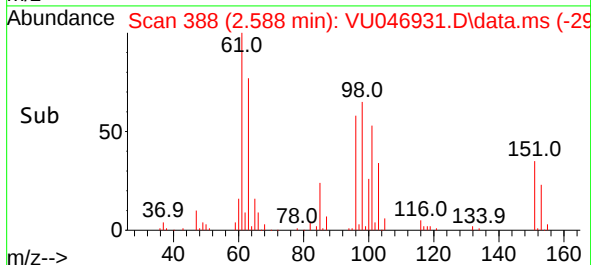
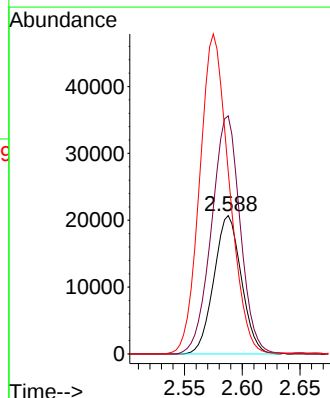
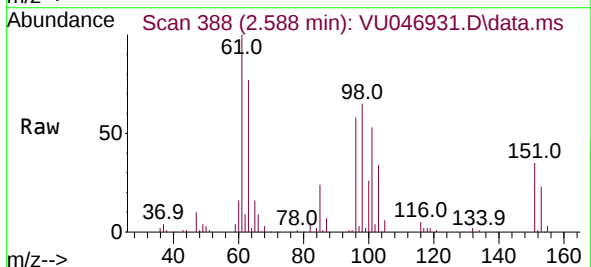
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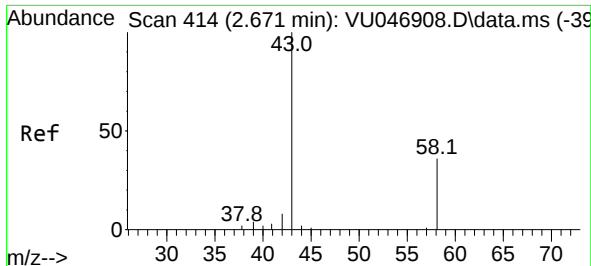
Tgt Ion:101 Resp: 34876
Ion Ratio Lower Upper
101 100
85 45.0 34.6 51.8
151 68.9 56.1 84.1



#12
1,1-Dichloroethene
Concen: 5.525 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU046931.D
Acq: 31 Jan 2022 20:44

Tgt Ion: 96 Resp: 34143
Ion Ratio Lower Upper
96 100
61 171.9 124.7 231.5
63 132.0 105.2 195.4





#13

Acetone

Concen: 18.575 ug/L

RT: 2.678 min Scan# 41

Delta R.T. 0.007 min

Lab File: VU046931.D

Acq: 31 Jan 2022 20:44

Instrument :

MSVOA_U

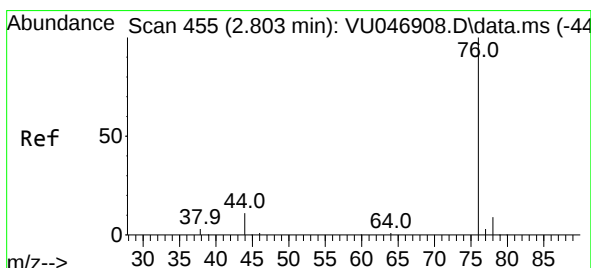
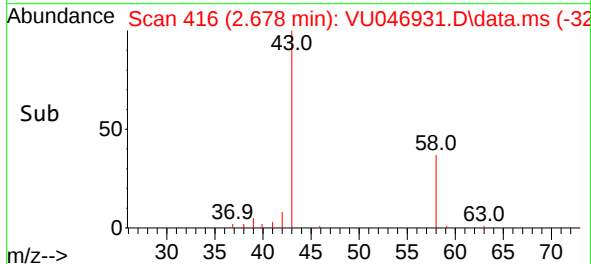
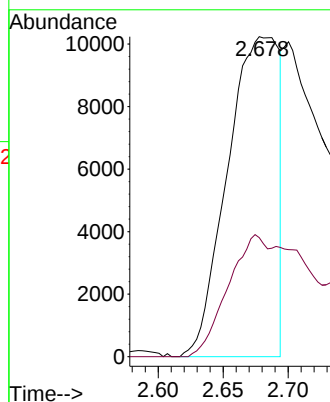
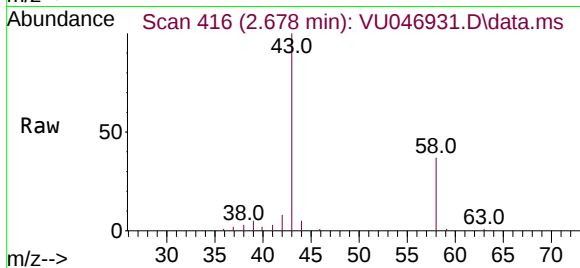
ClientSampleId :

Tgt Ion: 43 Resp: 28069

Ion Ratio Lower Upper

43 100

58 31.0 0.0 71.6



#14

Carbon disulfide

Concen: 5.102 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.003 min

Lab File: VU046931.D

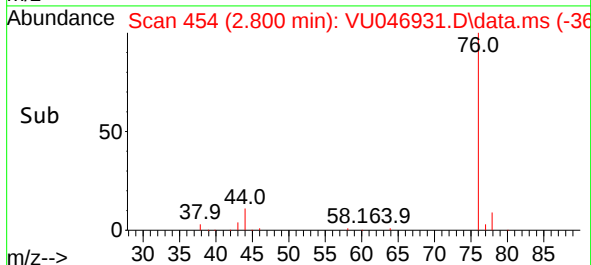
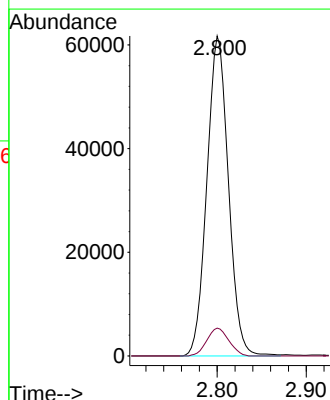
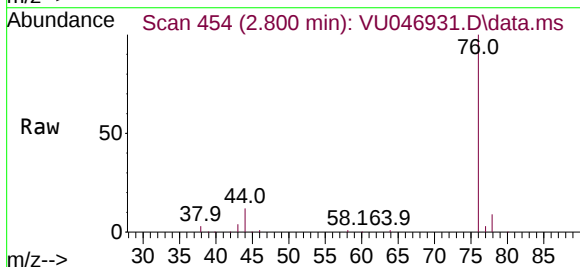
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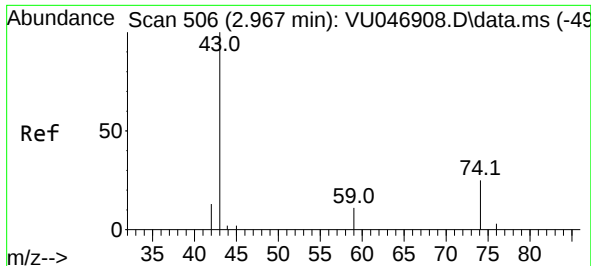
Tgt Ion: 76 Resp: 103550

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3

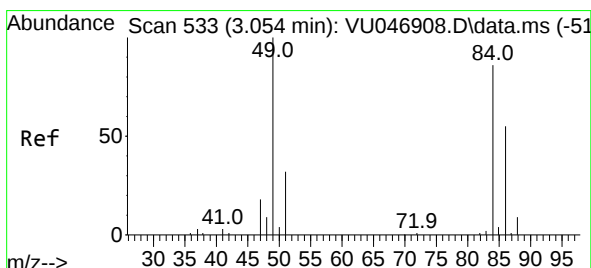
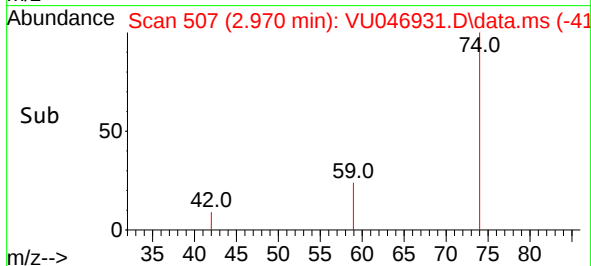
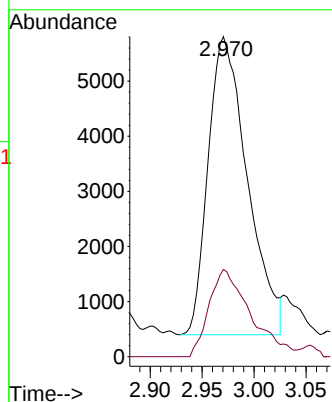
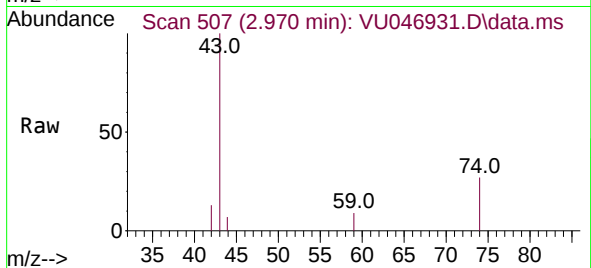




#15
Methyl Acetate
Concen: 4.300 ug/L
RT: 2.970 min Scan# 506
Delta R.T. 0.003 min
Lab File: VU046931.D
Acq: 31 Jan 2022 20:44

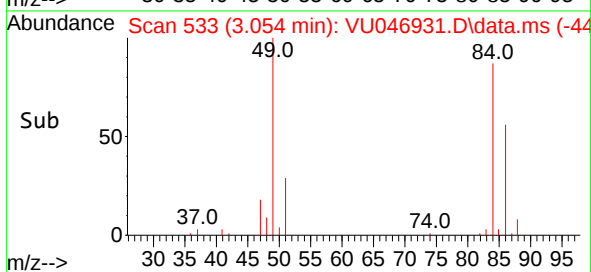
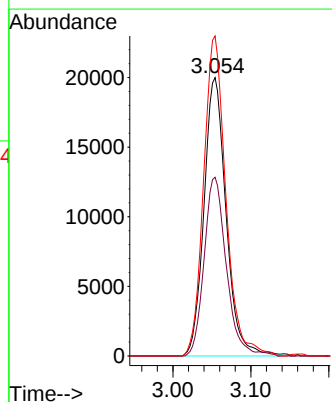
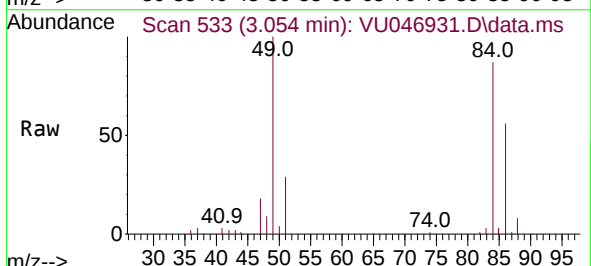
Instrument :
MSVOA_U
ClientSampleId :

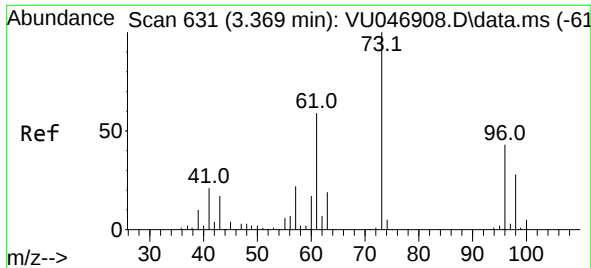
Tgt Ion: 43 Resp: 14192
Ion Ratio Lower Upper
43 100
74 31.0 19.1 28.7#



#16
Methylene chloride
Concen: 5.286 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU046931.D
Acq: 31 Jan 2022 20:44

Tgt Ion: 84 Resp: 39452
Ion Ratio Lower Upper
84 100
86 64.2 45.8 85.0
49 114.9 84.5 156.9

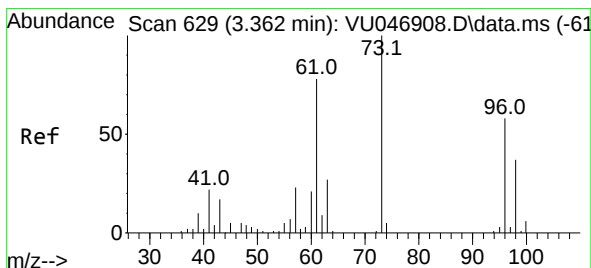
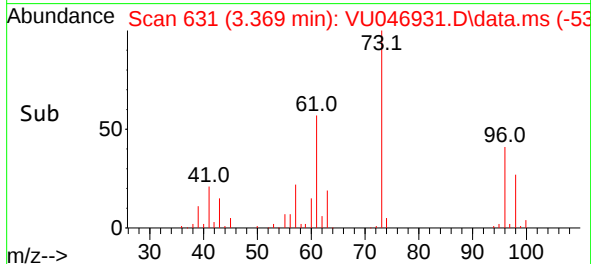
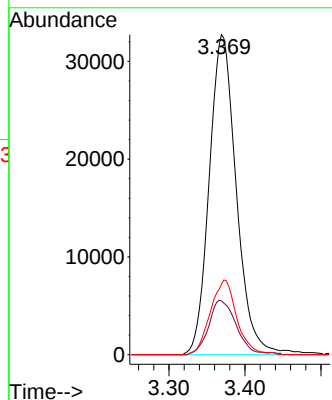
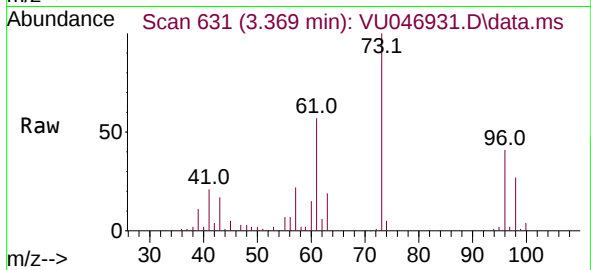




#17
Methyl tert-butyl Ether
Concen: 4.644 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU046931.D
Acq: 31 Jan 2022 20:44

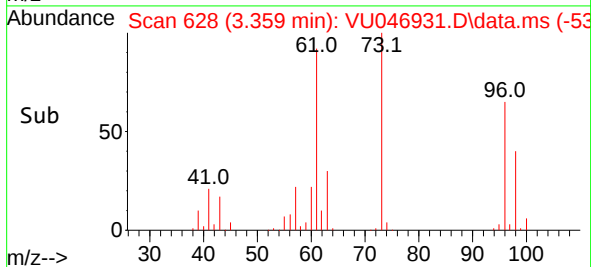
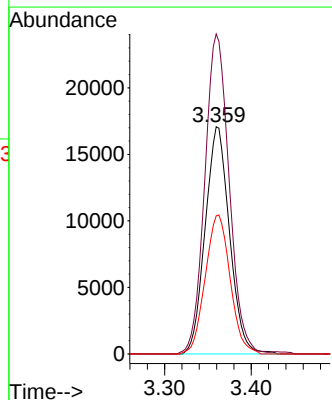
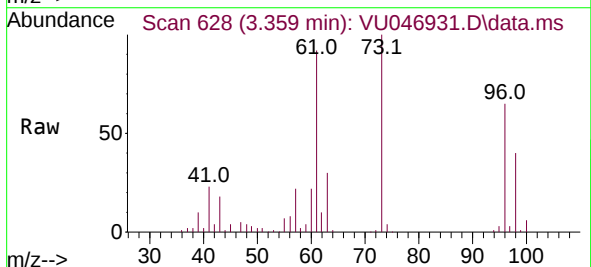
Instrument :
MSVOA_U
ClientSampleId :

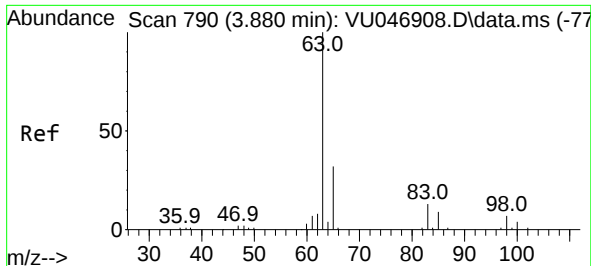
Tgt Ion: 73 Resp: 80527
Ion Ratio Lower Upper
73 100
43 17.5 14.8 22.2
57 22.8 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 4.995 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU046931.D
Acq: 31 Jan 2022 20:44

Tgt Ion: 96 Resp: 33437
Ion Ratio Lower Upper
96 100
61 140.8 100.8 187.2
98 60.8 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.724 ug/L

RT: 3.877 min Scan# 790

Delta R.T. -0.003 min

Lab File: VU046931.D

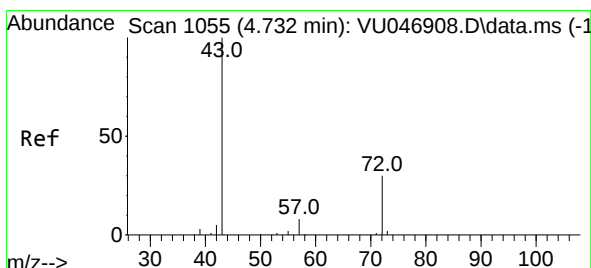
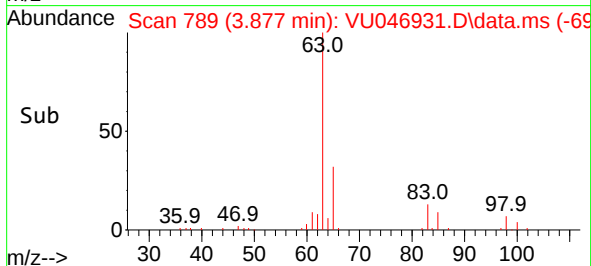
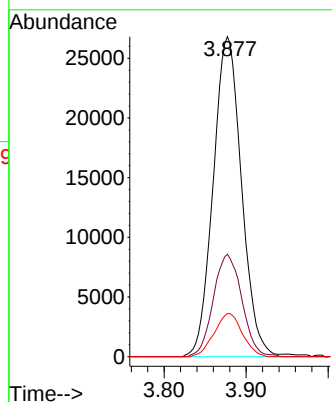
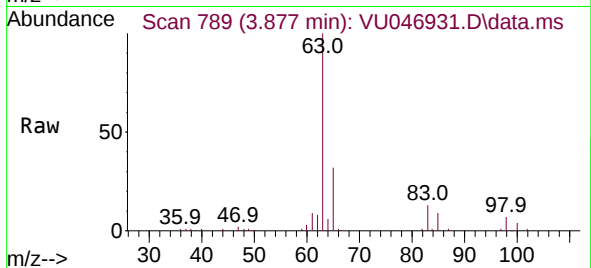
Acq: 31 Jan 2022 20:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	64326
Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.3	41.5
83	13.5	9.6	17.8



#21

2-Butanone

Concen: 47.351 ug/L

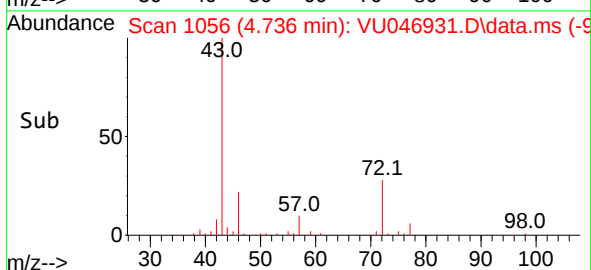
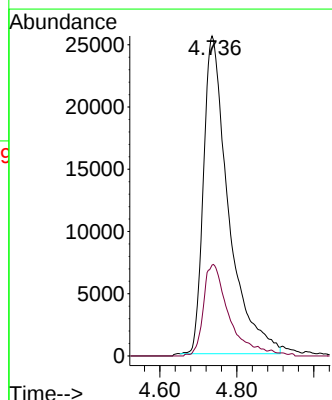
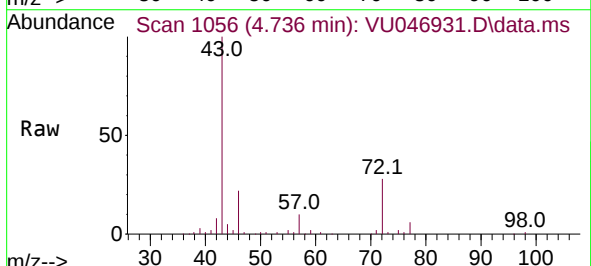
RT: 4.736 min Scan# 1056

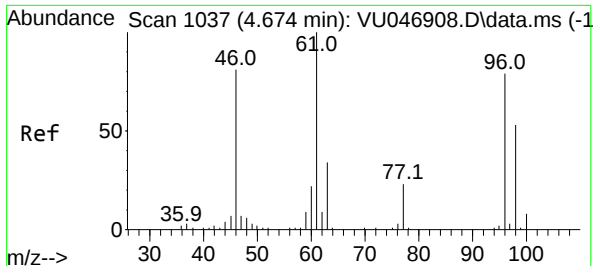
Delta R.T. 0.003 min

Lab File: VU046931.D

Acq: 31 Jan 2022 20:44

Tgt Ion:	43	Resp:	115076
Ion	Ratio	Lower	Upper
43	100		
72	26.9	14.1	42.3





#22

cis-1,2-Dichloroethene

Concen: 5.175 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VU046931.D

Acq: 31 Jan 2022 20:44

Instrument :

MSVOA_U

ClientSampleId :

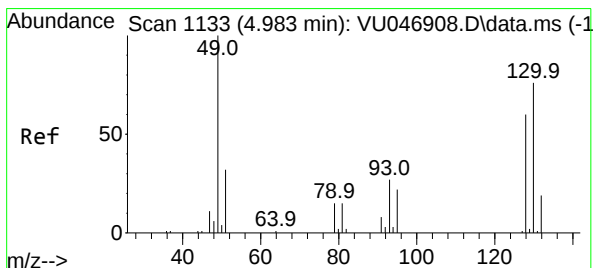
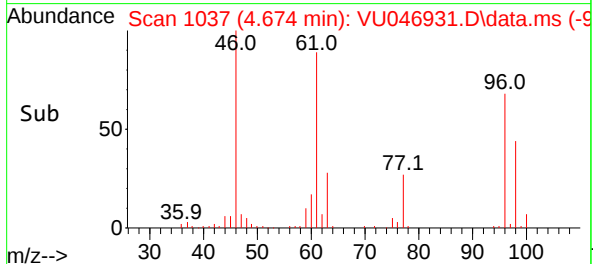
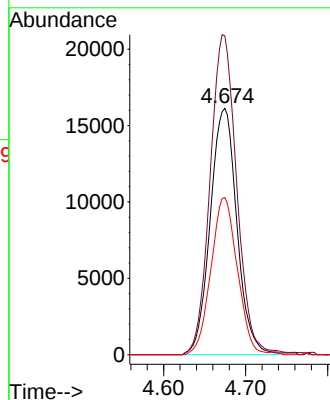
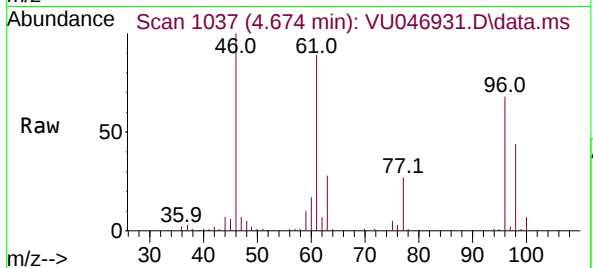
Tgt Ion: 96 Resp: 36539

Ion Ratio Lower Upper

96 100

61 129.4 88.5 164.3

98 63.8 44.4 82.5



#23

Bromochloromethane

Concen: 5.048 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.003 min

Lab File: VU046931.D

Acq: 31 Jan 2022 20:44

Tgt Ion: 128 Resp: 17535

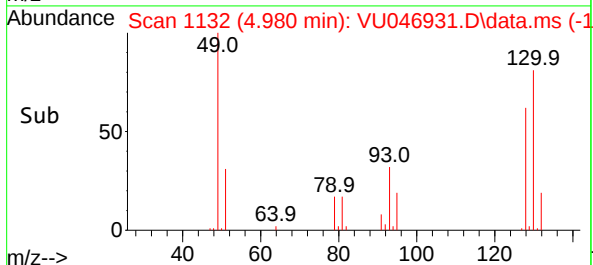
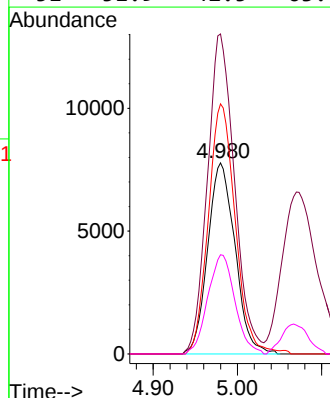
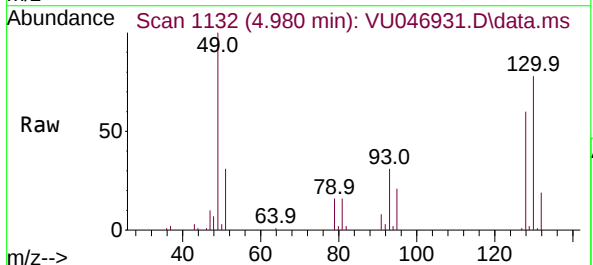
Ion Ratio Lower Upper

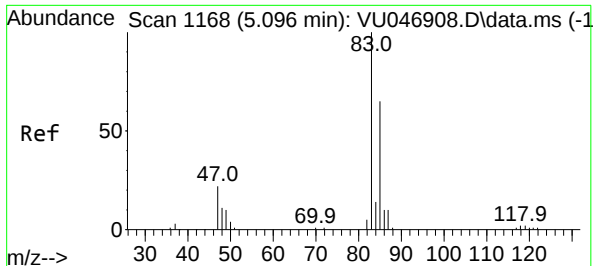
128 100

49 167.5 117.0 217.2

130 130.9 88.2 163.8

51 51.9 42.5 63.7





#25

Chloroform

Concen: 3.832 ug/L

RT: 5.092 min Scan# 1168

Delta R.T. -0.003 min

Lab File: VU046931.D

Acq: 31 Jan 2022 20:44

Instrument :

MSVOA_U

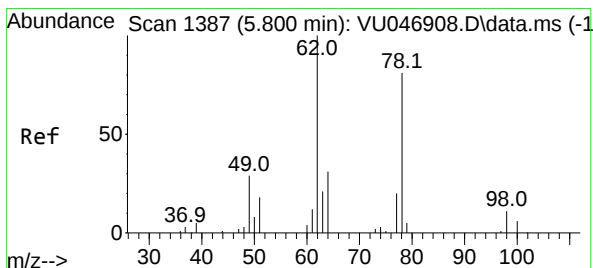
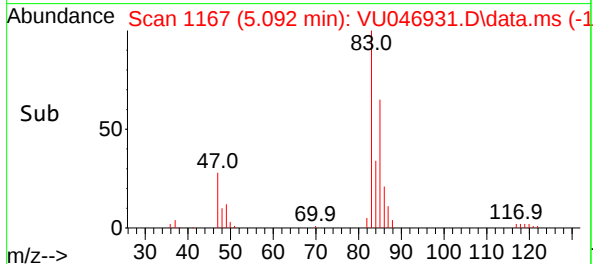
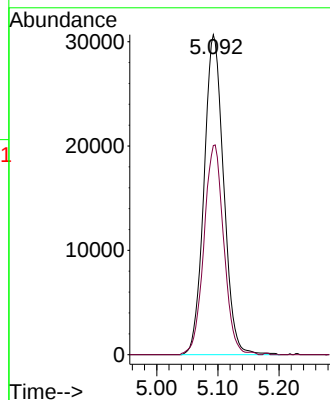
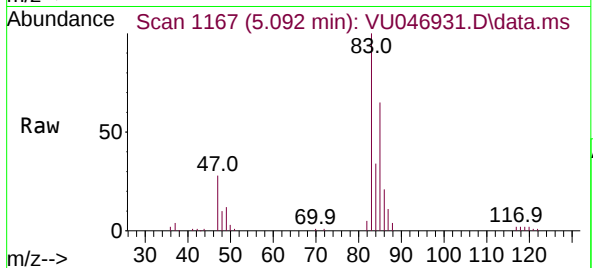
ClientSampleId :

Tgt Ion: 83 Resp: 68359

Ion Ratio Lower Upper

83 100

85 65.4 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.661 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU046931.D

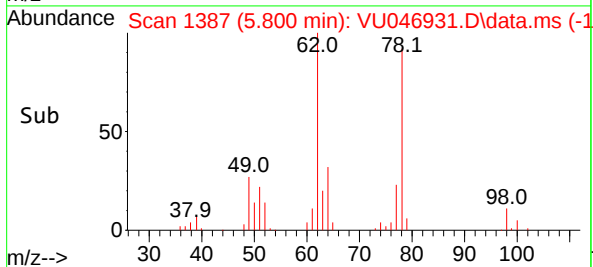
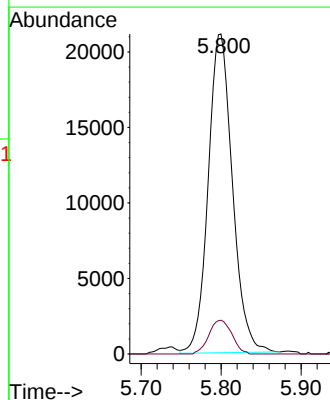
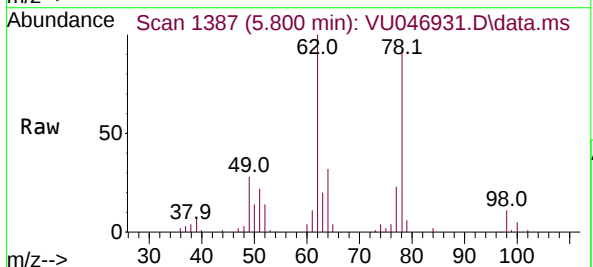
Acq: 31 Jan 2022 20:44

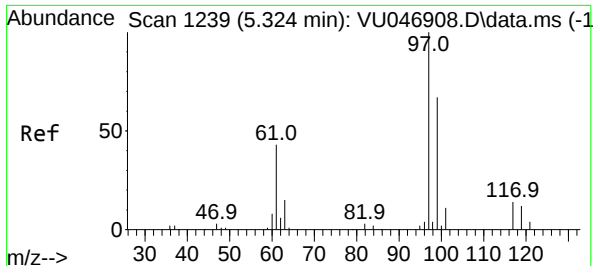
Tgt Ion: 62 Resp: 44569

Ion Ratio Lower Upper

62 100

98 10.6 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.099 ug/L

RT: 5.321 min Scan# 1239

Delta R.T. -0.003 min

Lab File: VU046931.D

Acq: 31 Jan 2022 20:44

Instrument :

MSVOA_U

ClientSampleId :

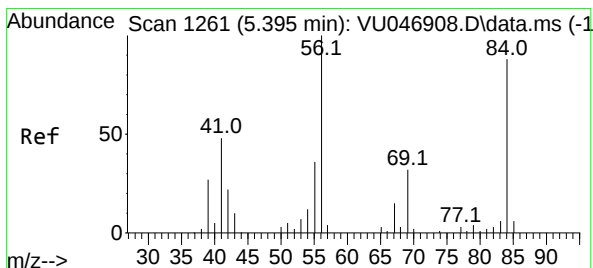
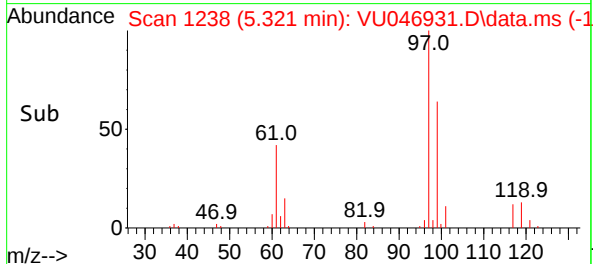
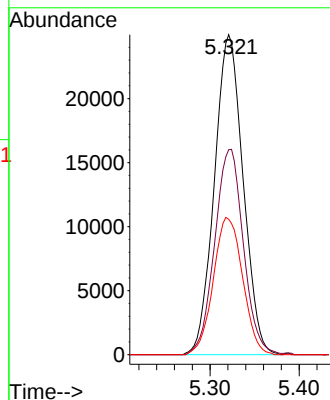
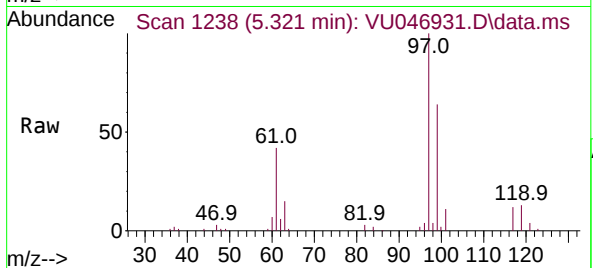
Tgt Ion: 97 Resp: 55998

Ion Ratio Lower Upper

97 100

99 64.3 51.3 76.9

61 43.7 36.1 54.1



#30

Cyclohexane

Concen: 4.538 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU046931.D

Acq: 31 Jan 2022 20:44

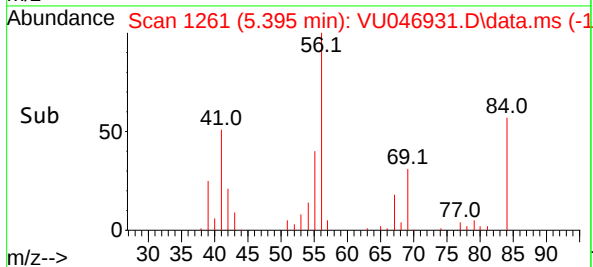
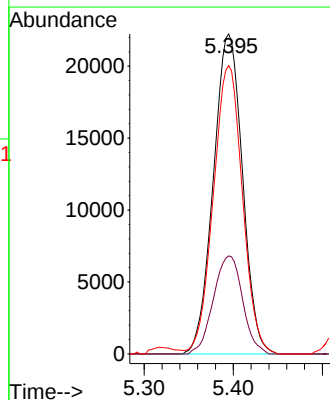
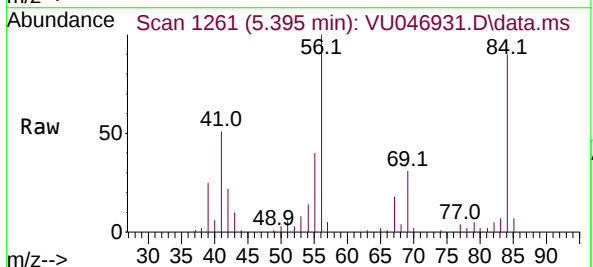
Tgt Ion: 56 Resp: 50548

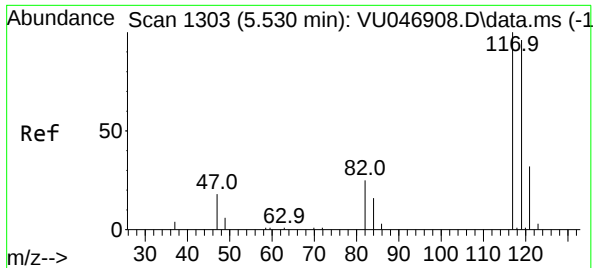
Ion Ratio Lower Upper

56 100

69 30.6 24.7 37.1

84 90.1 71.8 107.6

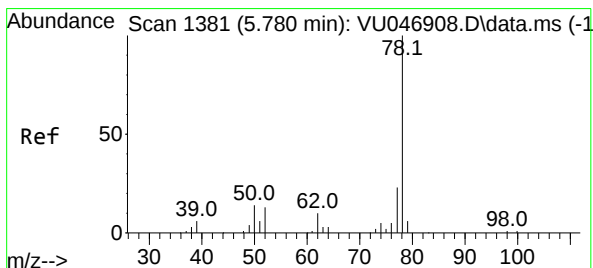
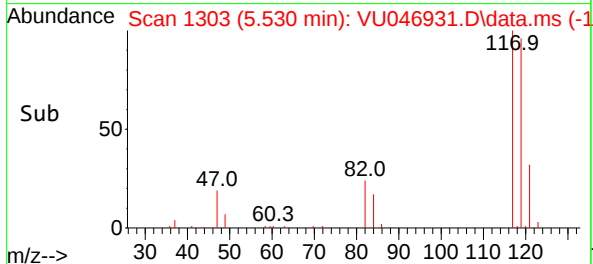
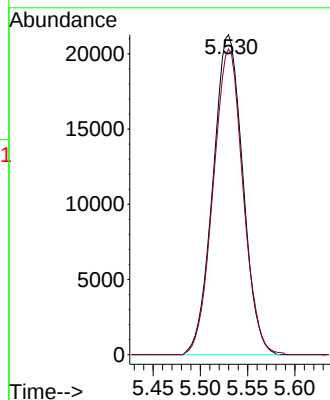
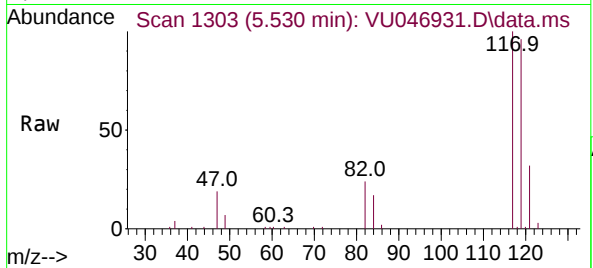




#31
Carbon tetrachloride
Concen: 4.953 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU046931.D
Acq: 31 Jan 2022 20:44

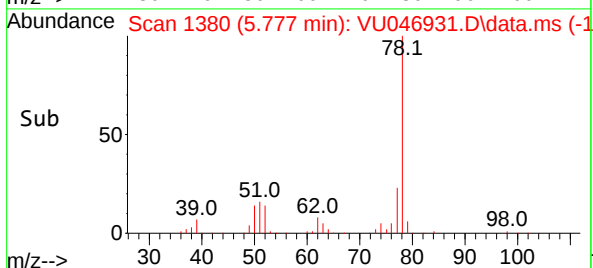
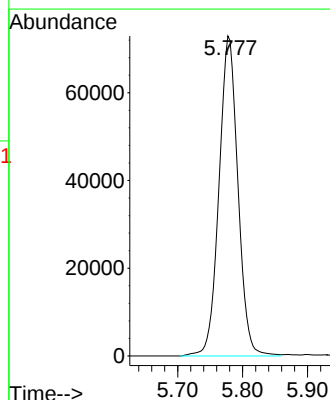
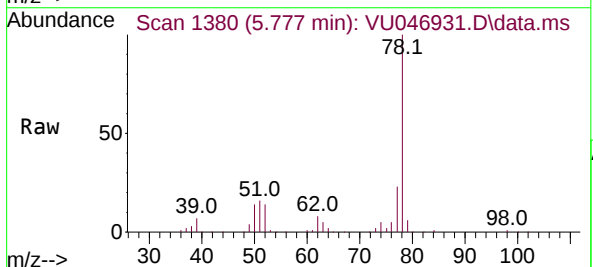
Instrument :
MSVOA_U
ClientSampleId :

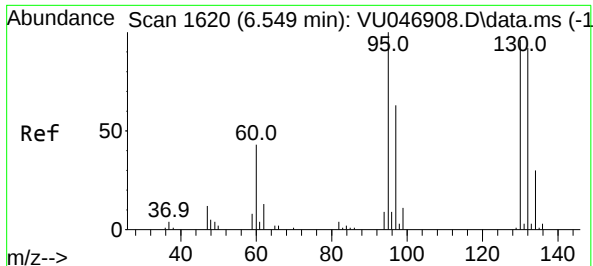
Tgt Ion:117 Resp: 46673
Ion Ratio Lower Upper
117 100
119 95.5 77.5 116.3



#33
Benzene
Concen: 5.135 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU046931.D
Acq: 31 Jan 2022 20:44

Tgt Ion: 78 Resp: 147399

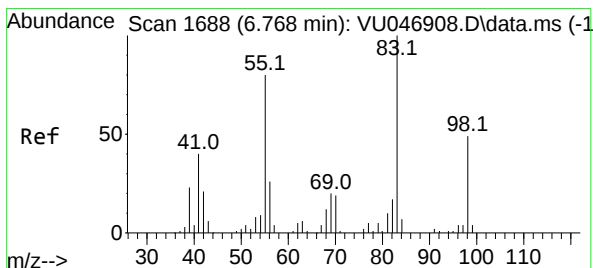
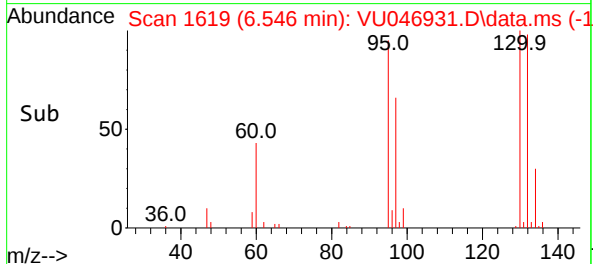
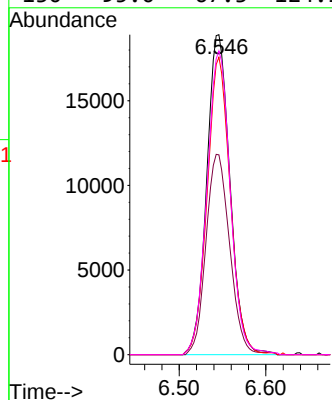
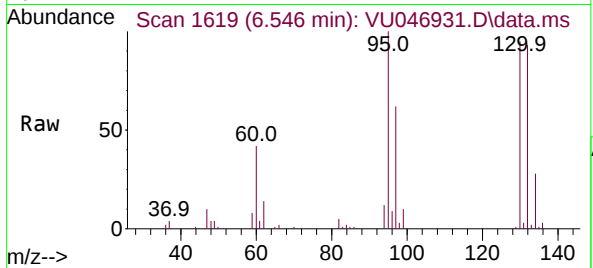




#34
Trichloroethene
Concen: 4.745 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU046931.D
Acq: 31 Jan 2022 20:44

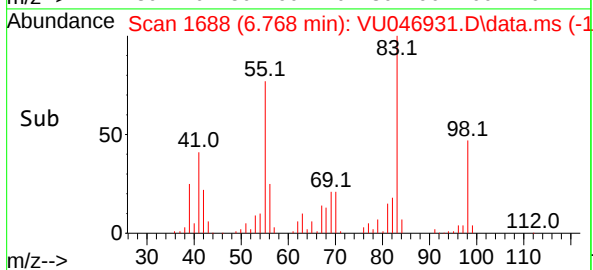
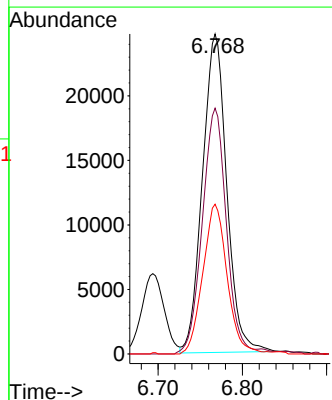
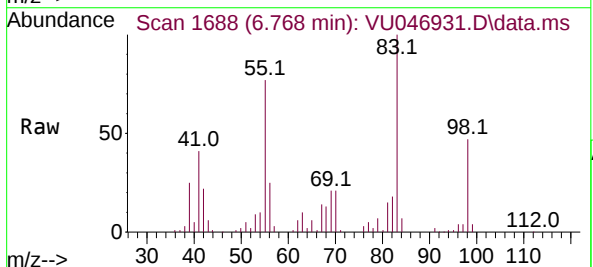
Instrument :
MSVOA_U
ClientSampleId :

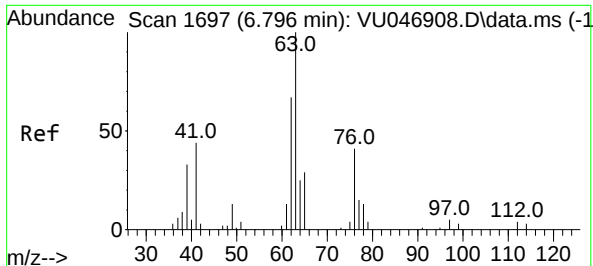
Tgt Ion: 95 Resp: 35369
Ion Ratio Lower Upper
95 100
97 62.5 46.5 86.5
132 93.0 65.1 120.9
130 95.0 67.3 124.9



#35
Methylcyclohexane
Concen: 3.964 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU046931.D
Acq: 31 Jan 2022 20:44

Tgt Ion: 83 Resp: 49486
Ion Ratio Lower Upper
83 100
55 76.1 61.9 92.9
98 47.1 39.0 58.6





#37

1,2-Dichloropropane

Concen: 5.415 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU046931.D

Acq: 31 Jan 2022 20:44

Instrument :

MSVOA_U

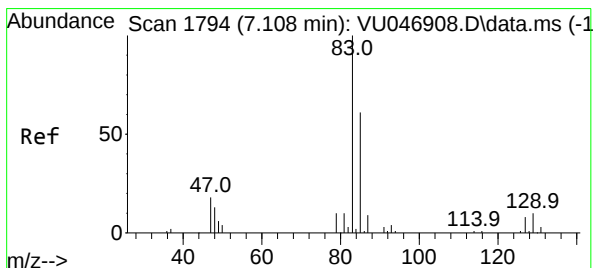
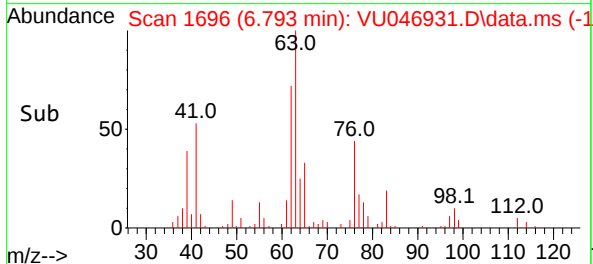
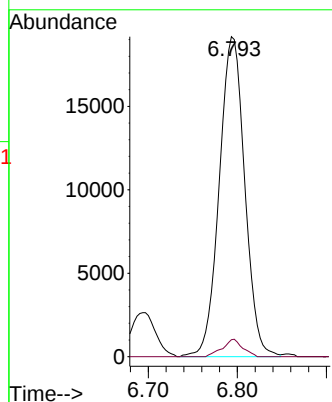
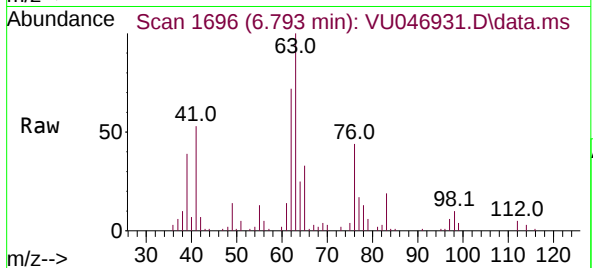
ClientSampleId :

Tgt Ion: 63 Resp: 38136

Ion Ratio Lower Upper

63 100

112 4.3 3.2 4.8



#38

Bromodichloromethane

Concen: 4.673 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU046931.D

Acq: 31 Jan 2022 20:44

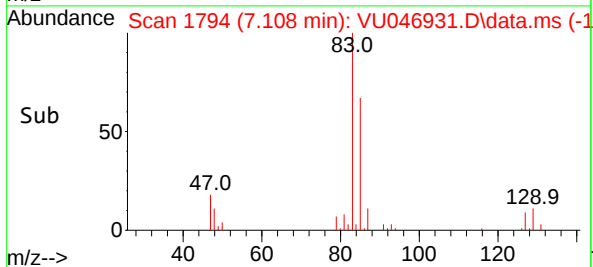
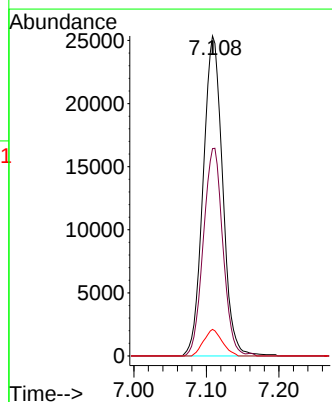
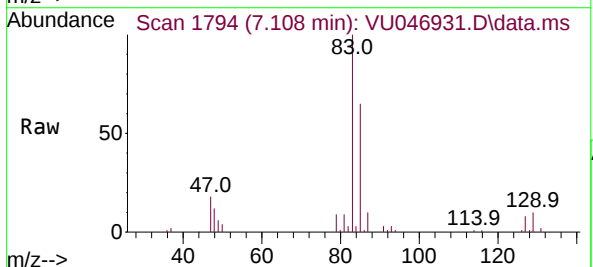
Tgt Ion: 83 Resp: 47358

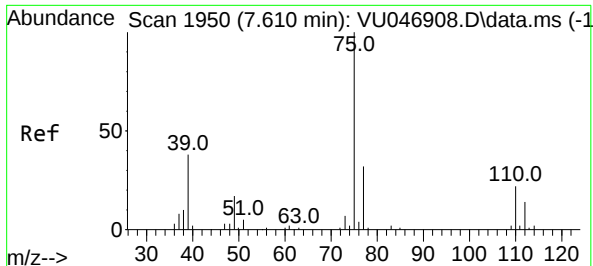
Ion Ratio Lower Upper

83 100

85 64.8 44.0 81.8

127 8.3 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.446 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU046931.D

Acq: 31 Jan 2022 20:44

Instrument :

MSVOA_U

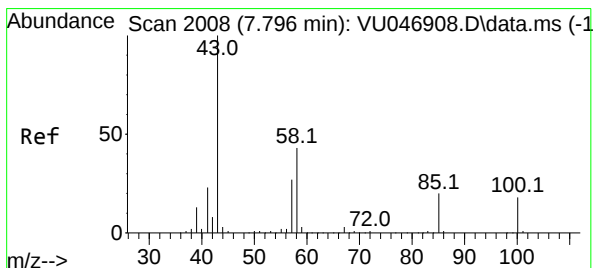
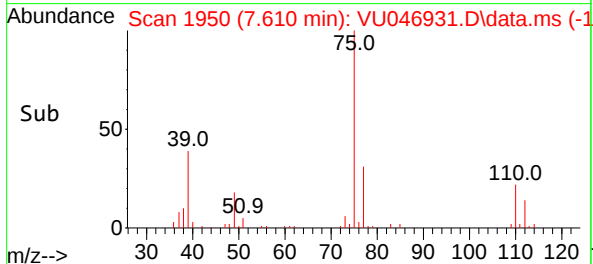
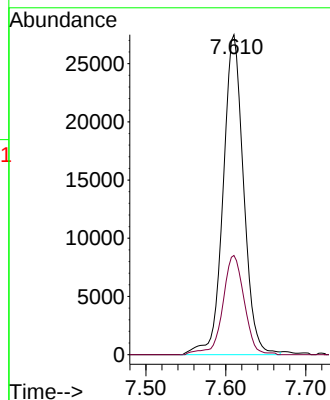
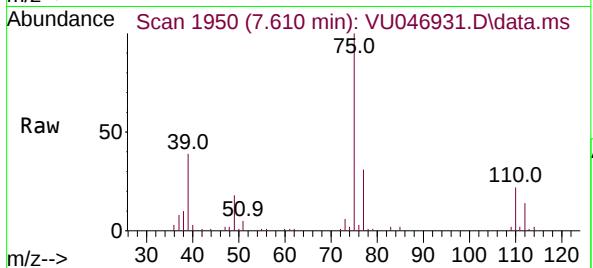
ClientSampleId :

Tgt Ion: 75 Resp: 48846

Ion Ratio Lower Upper

75 100

77 31.0 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 49.603 ug/L

RT: 7.797 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU046931.D

Acq: 31 Jan 2022 20:44

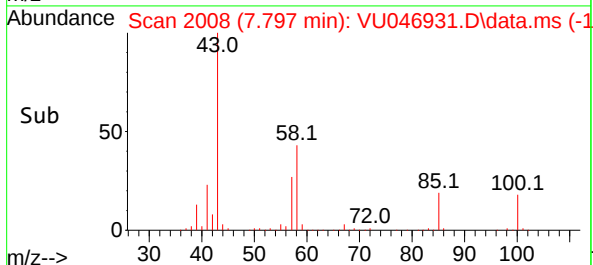
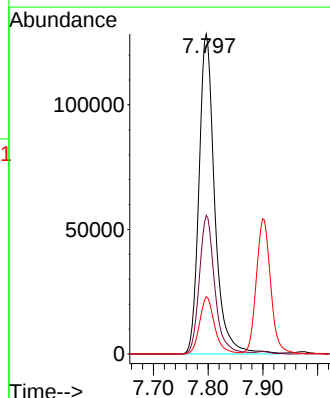
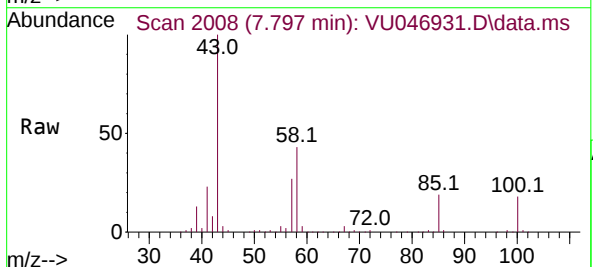
Tgt Ion: 43 Resp: 256084

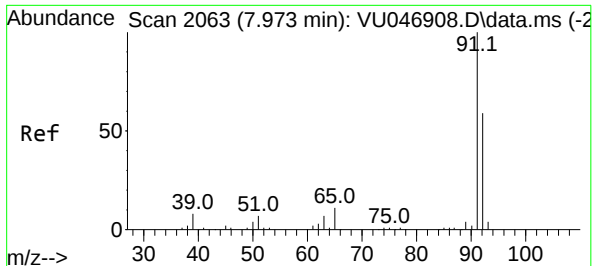
Ion Ratio Lower Upper

43 100

58 42.6 33.1 49.7

100 17.2 13.2 19.8





#42

Toluene

Concen: 4.491 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU046931.D

Acq: 31 Jan 2022 20:44

Instrument :

MSVOA_U

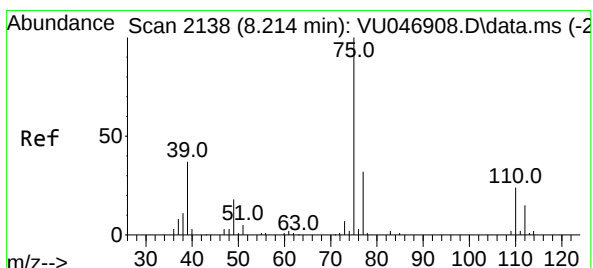
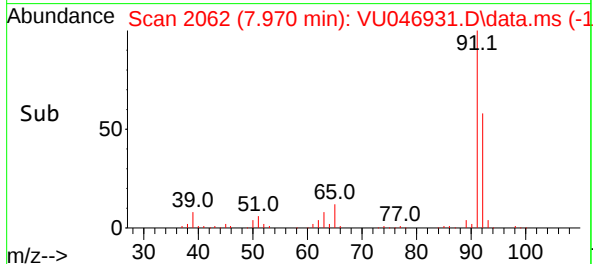
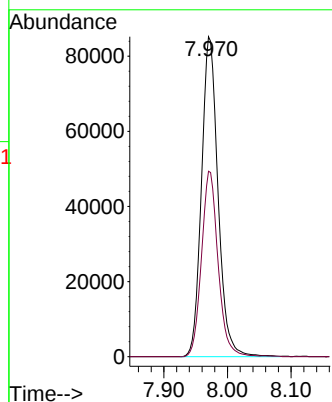
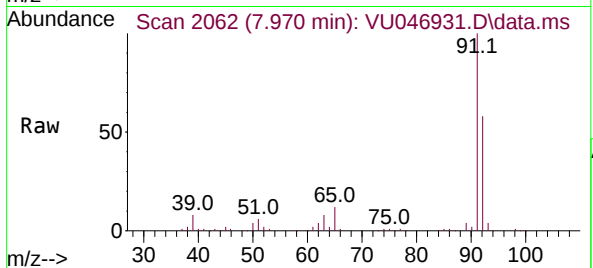
ClientSampleId :

Tgt Ion: 91 Resp: 154099

Ion Ratio Lower Upper

91 100

92 57.9 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 4.736 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU046931.D

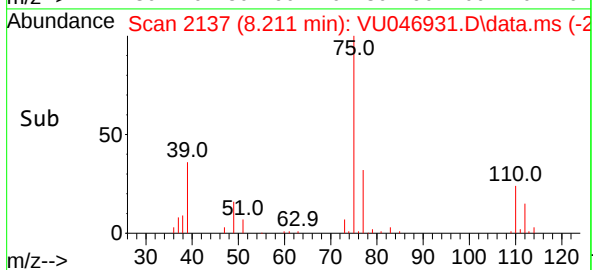
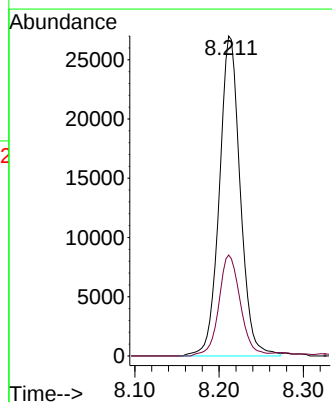
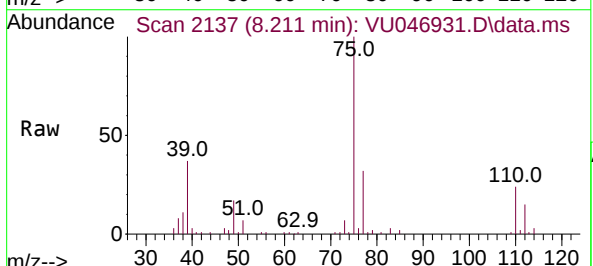
Acq: 31 Jan 2022 20:44

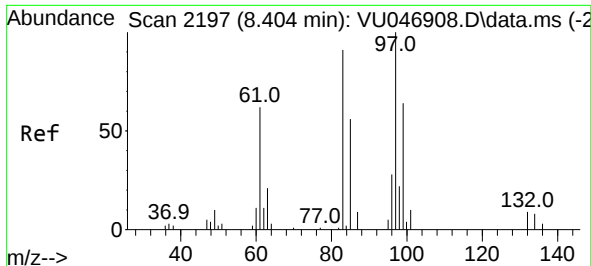
Tgt Ion: 75 Resp: 46357

Ion Ratio Lower Upper

75 100

77 31.6 22.7 42.3

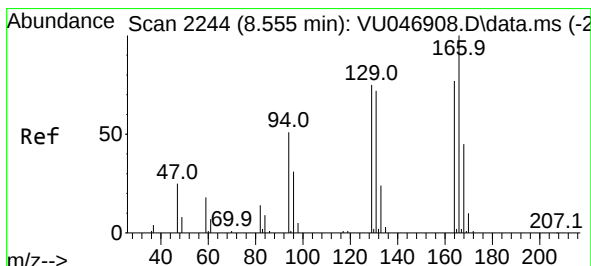
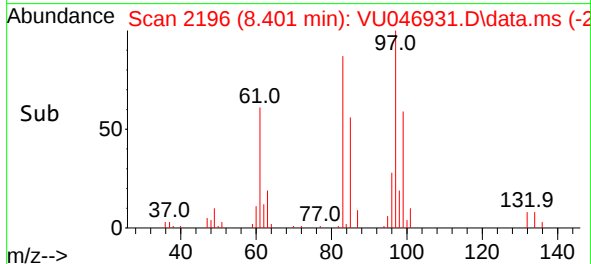
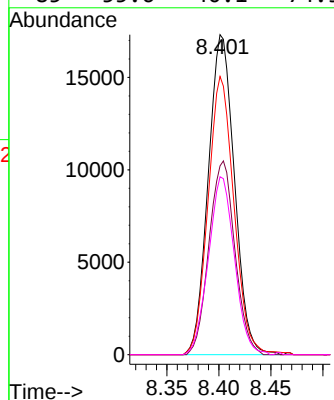
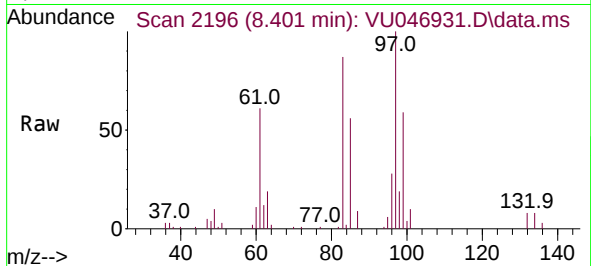




#45
1,1,2-Trichloroethane
Concen: 5.060 ug/L
RT: 8.401 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VU046931.D
Acq: 31 Jan 2022 20:44

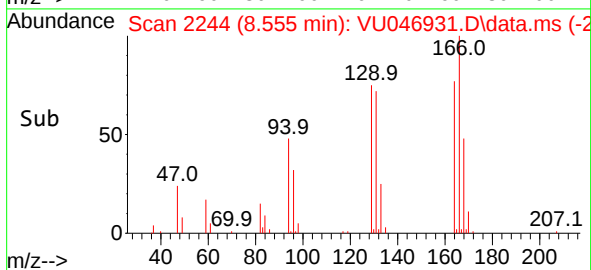
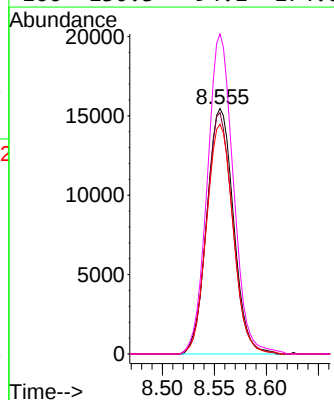
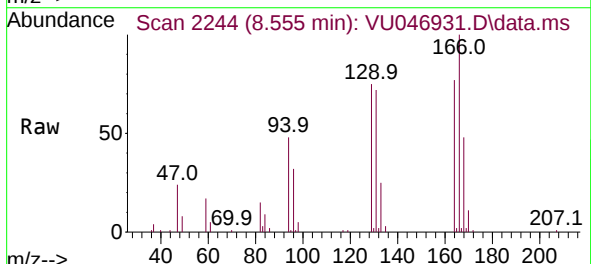
Instrument :
MSVOA_U
ClientSampleId :

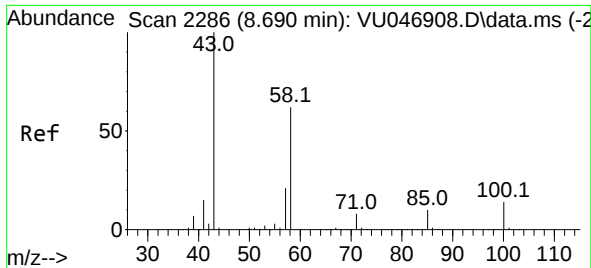
Tgt Ion: 97	Resp: 30314
Ion Ratio	Lower Upper
97 100	
99 59.0	42.3 78.5
83 87.0	62.0 115.2
85 55.6	40.1 74.5



#47
Tetrachloroethene
Concen: 4.558 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046931.D
Acq: 31 Jan 2022 20:44

Tgt	Ion:164	Resp:	27629
Ion	Ratio	Lower	Upper
164	100		
129	98.3	71.8	133.4
131	93.6	68.5	127.3
166	130.3	94.1	174.8



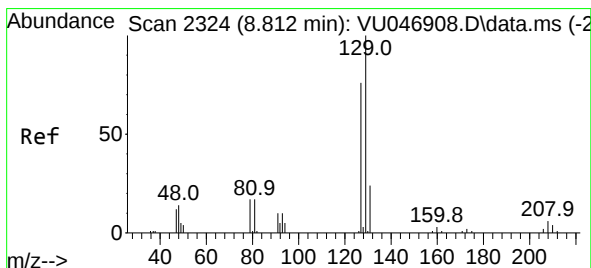
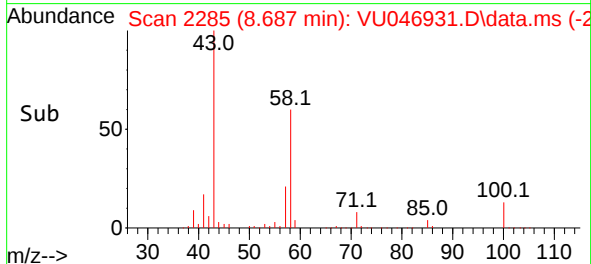
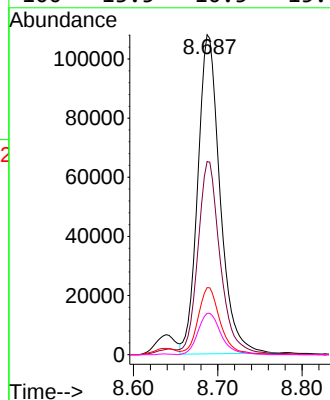
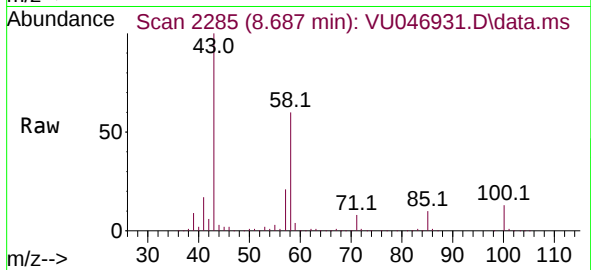


#48
2-Hexanone
Concen: 50.945 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046931.D
Acq: 31 Jan 2022 20:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 198529

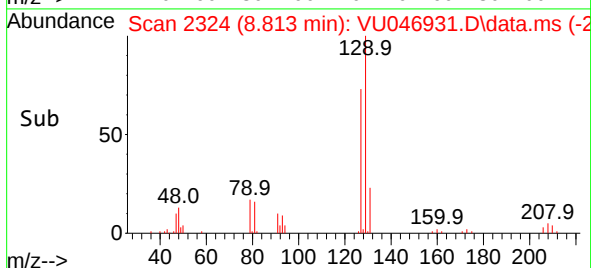
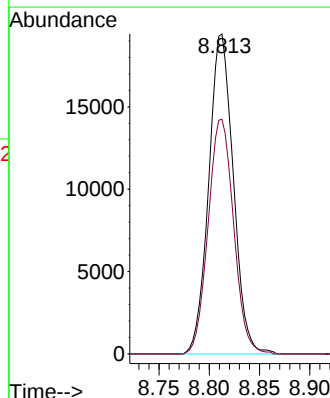
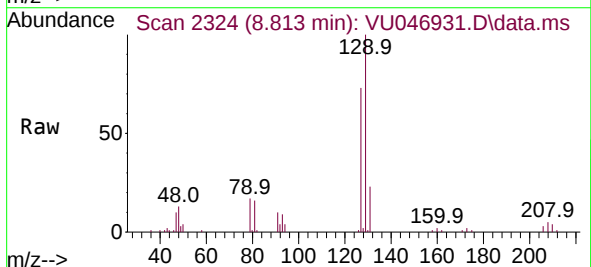
Ion	Ratio	Lower	Upper
43	100		
58	60.2	46.7	70.1
57	21.0	16.3	24.5
100	13.5	10.5	15.7

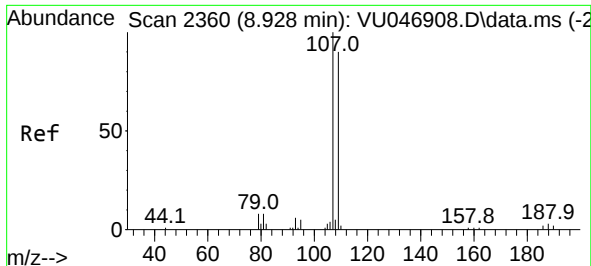


#49
Dibromochloromethane
Concen: 4.670 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046931.D
Acq: 31 Jan 2022 20:44

Tgt Ion: 129 Resp: 33006

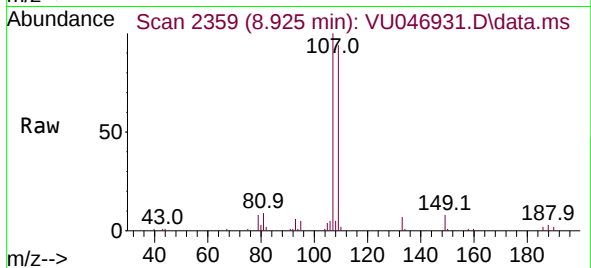
Ion	Ratio	Lower	Upper
129	100		
127	73.4	55.4	102.8



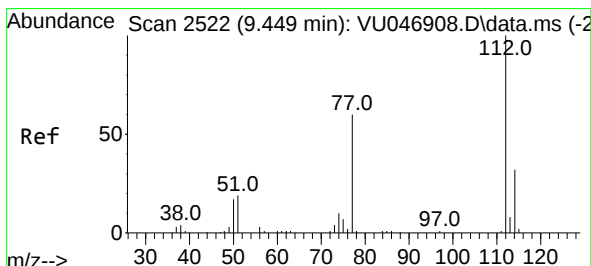
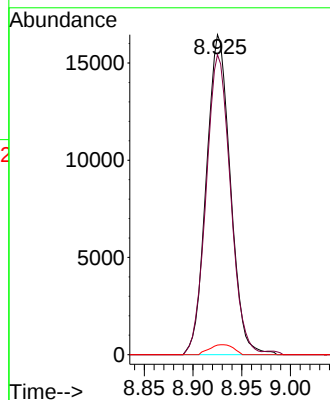
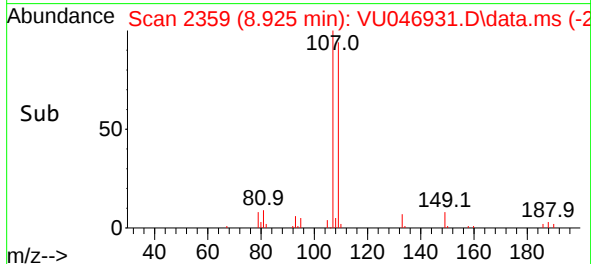


#50
1,2-Dibromoethane
Concen: 4.644 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046931.D
Acq: 31 Jan 2022 20:44

Instrument :
MSVOA_U
ClientSampleId :

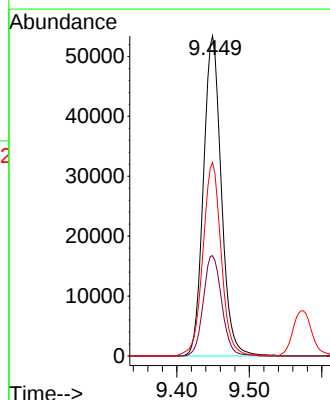
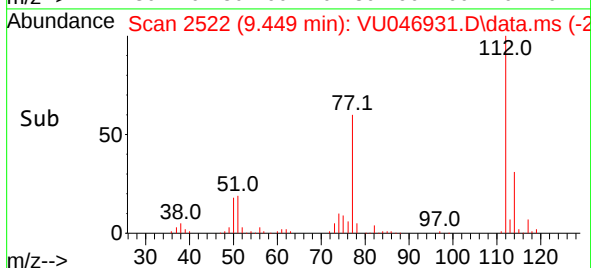
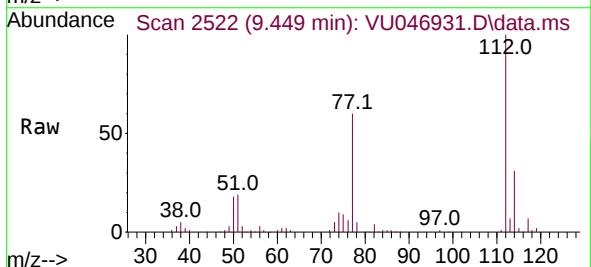


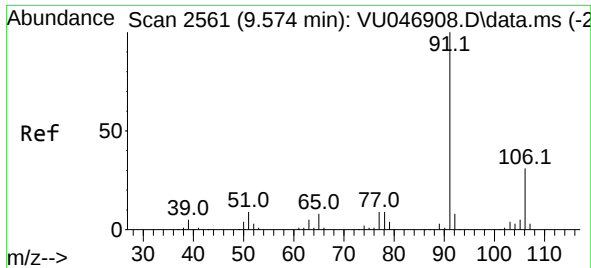
Tgt Ion:107 Resp: 28202
Ion Ratio Lower Upper
107 100
109 93.7 64.0 119.0
188 3.0 2.4 3.6



#51
Chlorobenzene
Concen: 4.595 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU046931.D
Acq: 31 Jan 2022 20:44

Tgt Ion:112 Resp: 91573
Ion Ratio Lower Upper
112 100
114 31.3 22.1 41.1
77 60.5 48.3 72.5

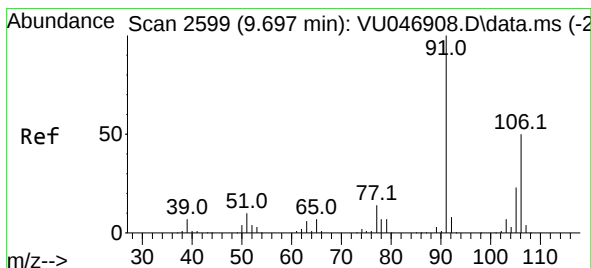
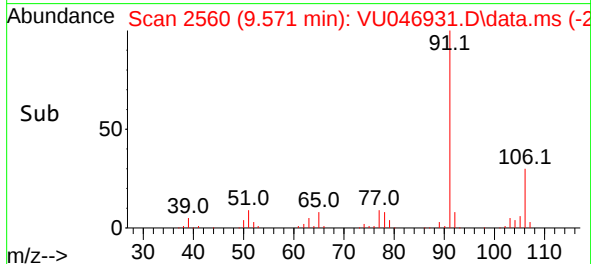
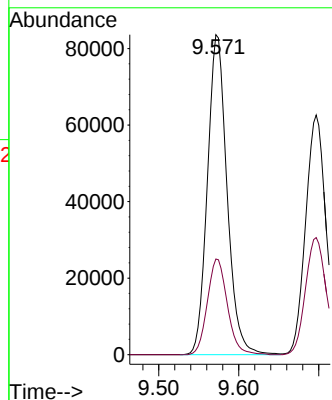
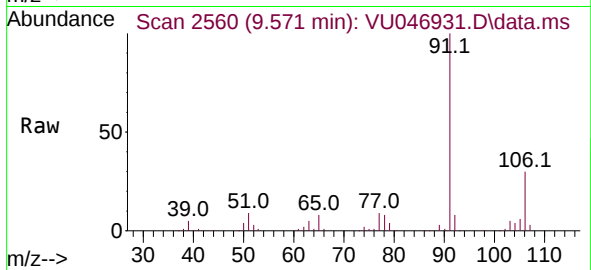




#52
Ethylbenzene
Concen: 4.379 ug/L
RT: 9.571 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU046931.D
Acq: 31 Jan 2022 20:44

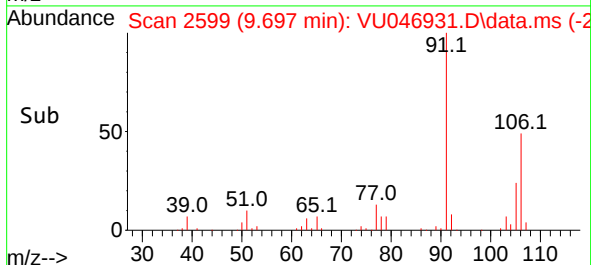
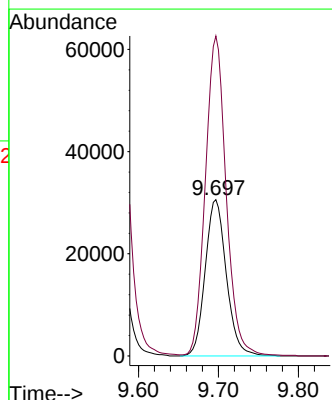
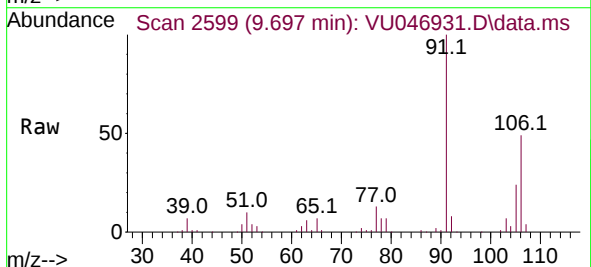
Instrument :
MSVOA_U
ClientSampleId :

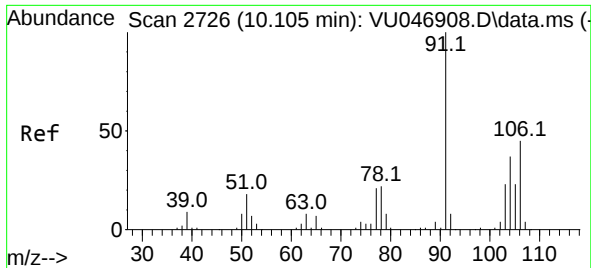
Tgt Ion: 91 Resp: 142860
Ion Ratio Lower Upper
91 100
106 29.9 21.5 39.9



#53
m,p-Xylene
Concen: 4.336 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU046931.D
Acq: 31 Jan 2022 20:44

Tgt Ion: 106 Resp: 56389
Ion Ratio Lower Upper
106 100
91 204.7 139.4 259.0

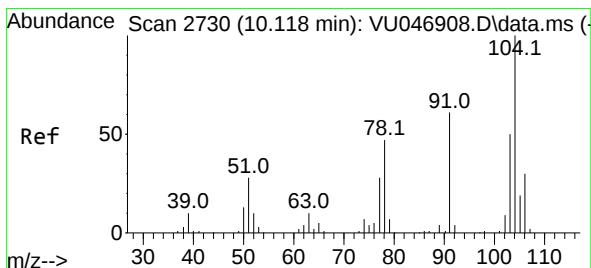
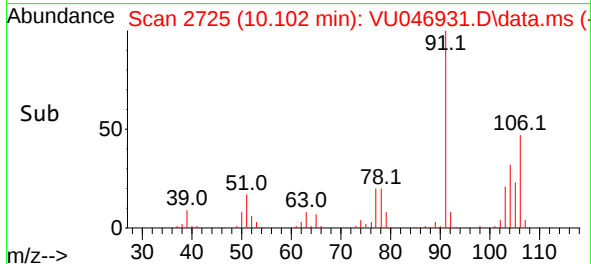
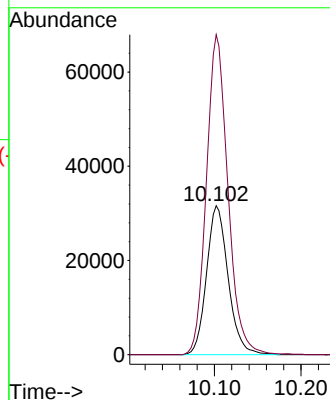
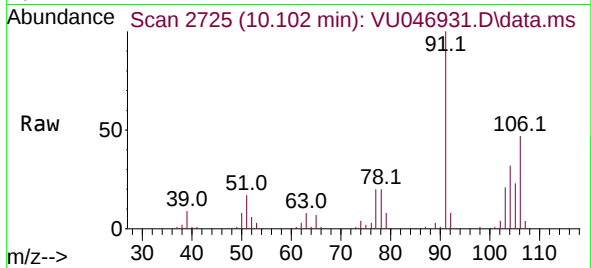




#54
o-Xylene
Concen: 4.351 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU046931.D
Acq: 31 Jan 2022 20:44

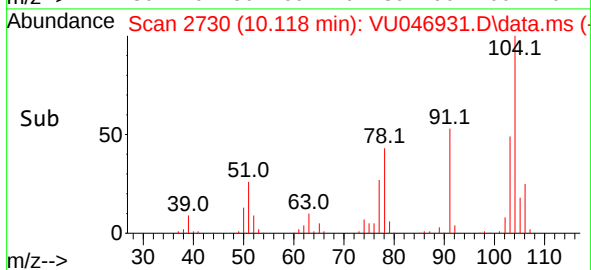
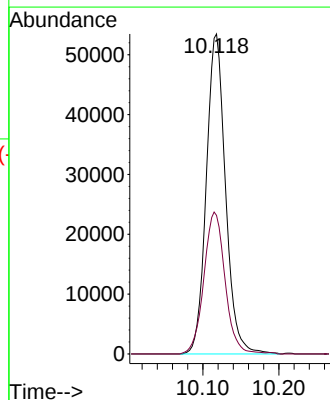
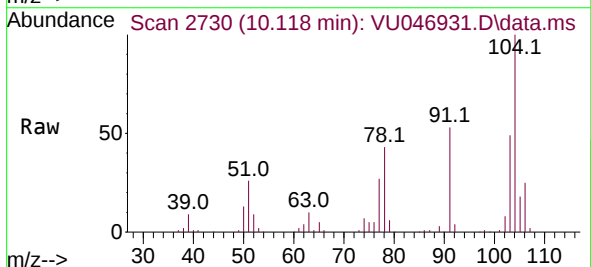
Instrument :
MSVOA_U
ClientSampleId :

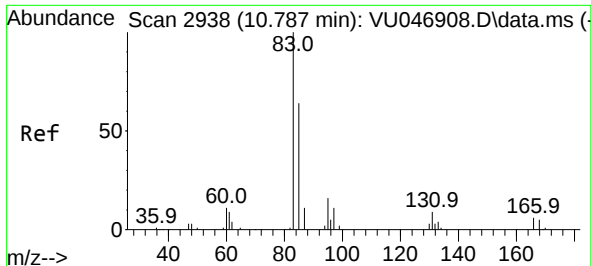
Tgt Ion:106 Resp: 54841
Ion Ratio Lower Upper
106 100
91 214.7 147.5 273.9



#55
Styrene
Concen: 4.554 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU046931.D
Acq: 31 Jan 2022 20:44

Tgt Ion:104 Resp: 93914
Ion Ratio Lower Upper
104 100
78 43.3 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 4.989 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU046931.D

Acq: 31 Jan 2022 20:44

Instrument :

MSVOA_U

ClientSampleId :

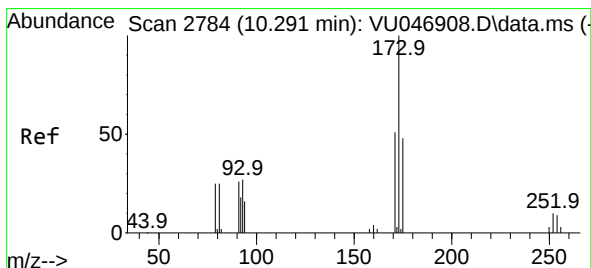
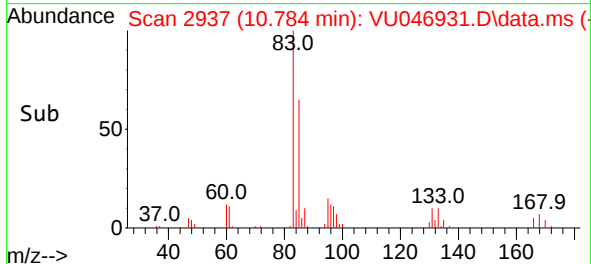
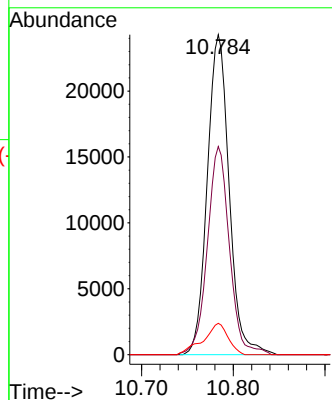
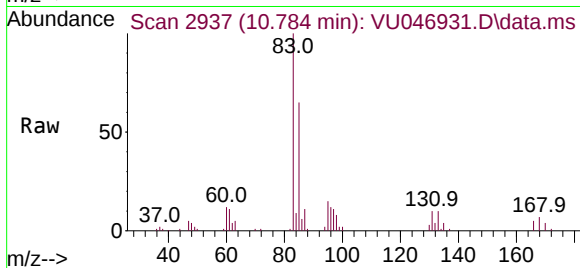
Tgt Ion: 83 Resp: 40196

Ion Ratio Lower Upper

83 100

85 65.1 47.9 89.1

131 9.8 8.1 12.1



#59

Bromoform

Concen: 4.748 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU046931.D

Acq: 31 Jan 2022 20:44

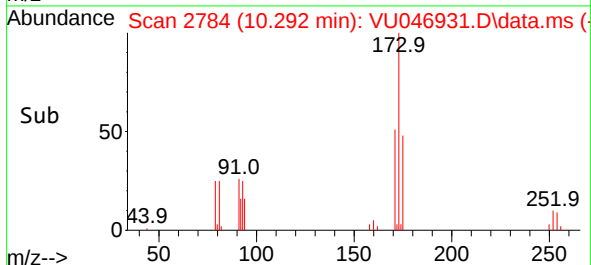
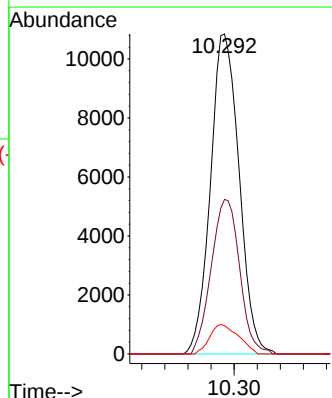
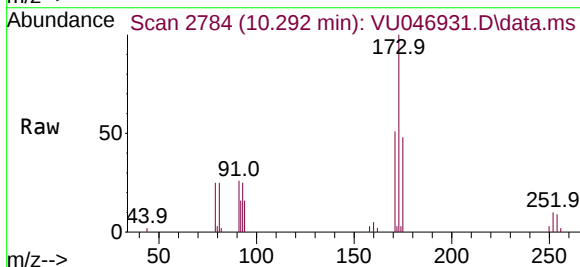
Tgt Ion:173 Resp: 18666

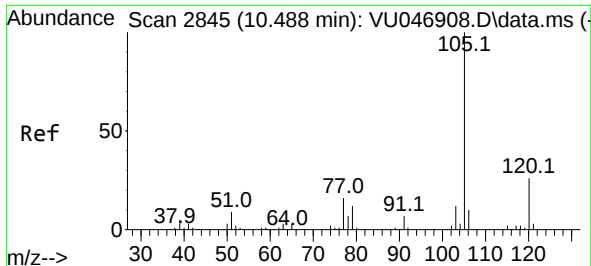
Ion Ratio Lower Upper

173 100

175 47.8 37.8 56.6

254 9.3 7.3 10.9

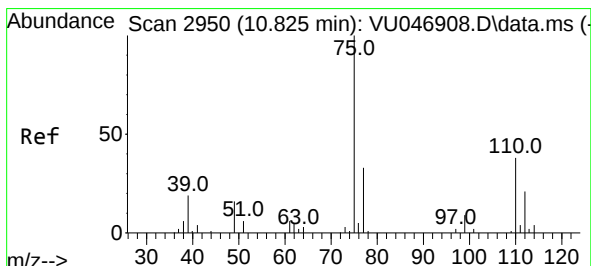
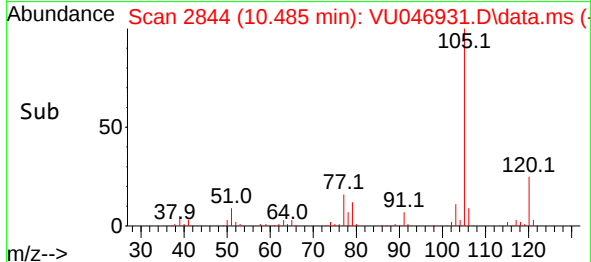
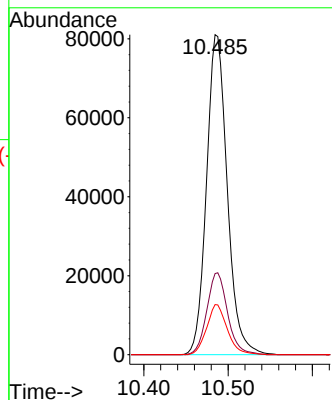
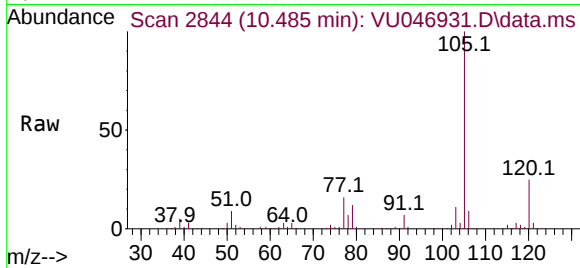




#60
Isopropylbenzene
Concen: 4.668 ug/L
RT: 10.485 min Scan# 2845
Delta R.T. -0.003 min
Lab File: VU046931.D
Acq: 31 Jan 2022 20:44

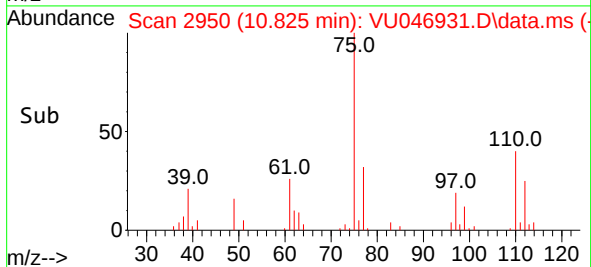
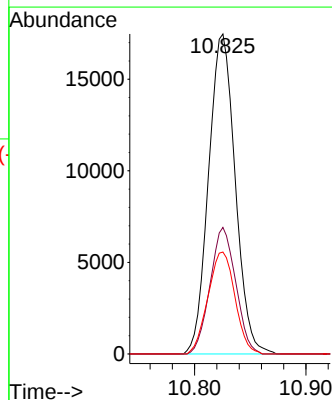
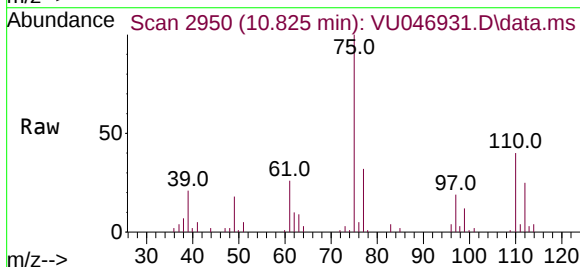
Instrument :
MSVOA_U
ClientSampleId :

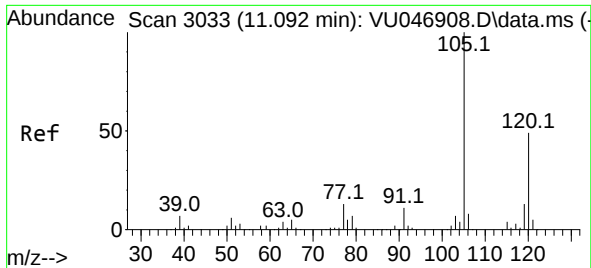
Tgt Ion:105 Resp: 138807
Ion Ratio Lower Upper
105 100
120 25.6 20.7 31.1
77 15.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.364 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU046931.D
Acq: 31 Jan 2022 20:44

Tgt Ion: 75 Resp: 29013
Ion Ratio Lower Upper
75 100
110 38.1 29.9 44.9
77 32.2 25.5 38.3

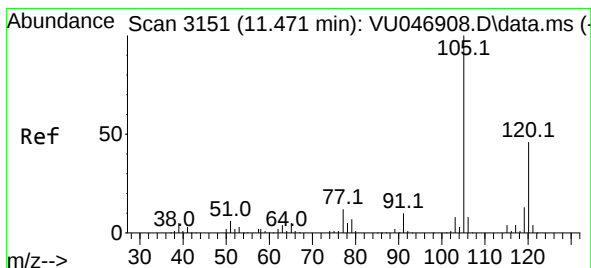
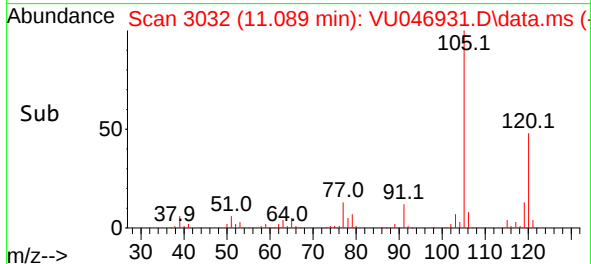
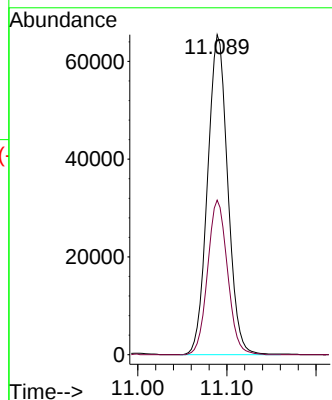
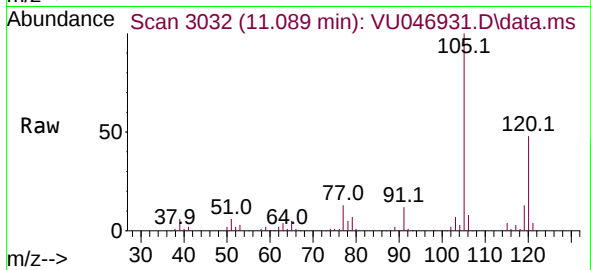




#62
1,3,5-Trimethylbenzene
Concen: 4.217 ug/L
RT: 11.089 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU046931.D
Acq: 31 Jan 2022 20:44

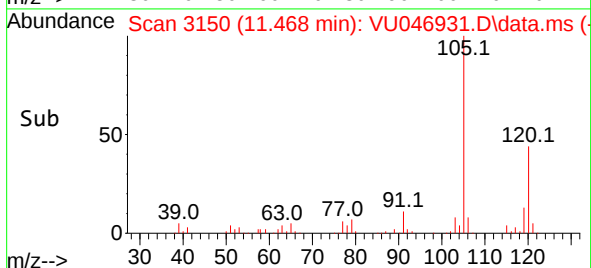
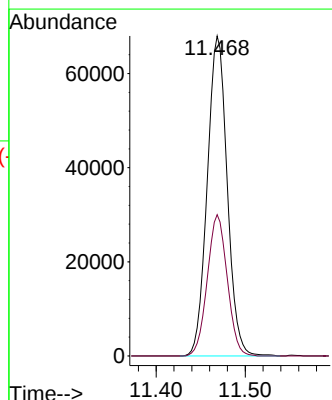
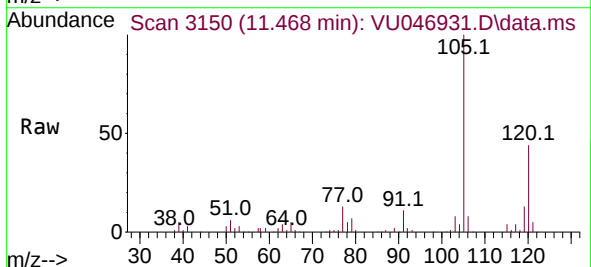
Instrument :
MSVOA_U
ClientSampleId :

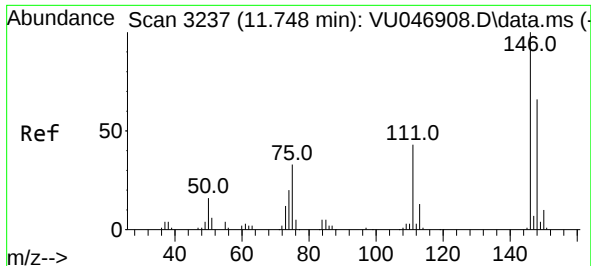
Tgt Ion:105 Resp: 102917
Ion Ratio Lower Upper
105 100
120 47.6 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 4.205 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU046931.D
Acq: 31 Jan 2022 20:44

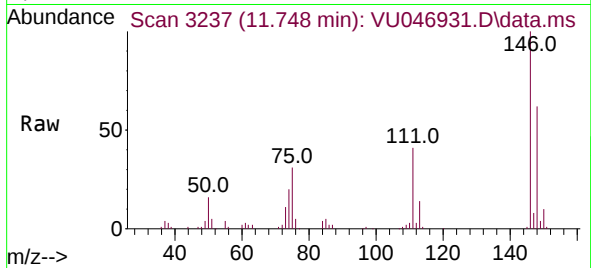
Tgt Ion:105 Resp: 105610
Ion Ratio Lower Upper
105 100
120 44.1 35.8 53.8



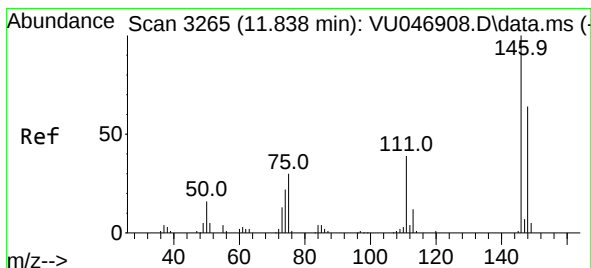
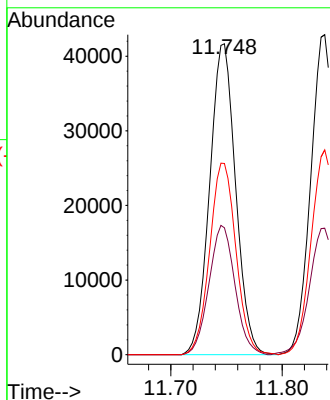
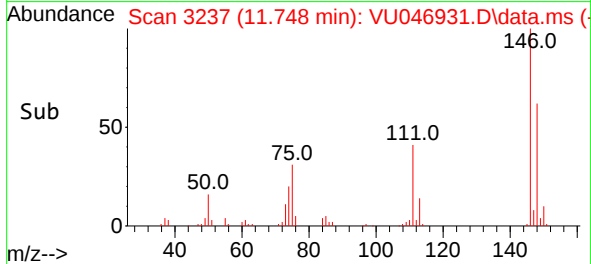


#64
1,3-Dichlorobenzene
Concen: 4.540 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU046931.D
Acq: 31 Jan 2022 20:44

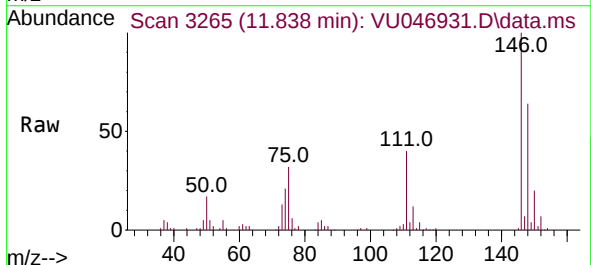
Instrument :
MSVOA_U
ClientSampleId :



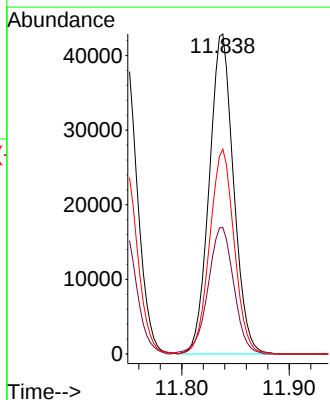
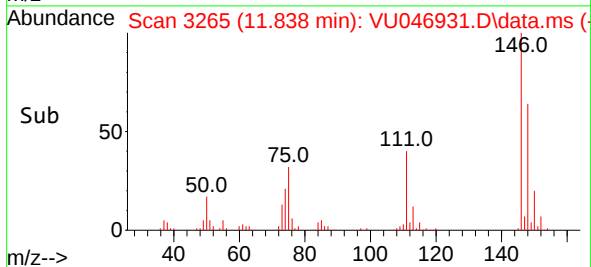
Tgt Ion:146 Resp: 67480
Ion Ratio Lower Upper
146 100
111 40.8 29.9 55.5
148 61.5 44.3 82.3

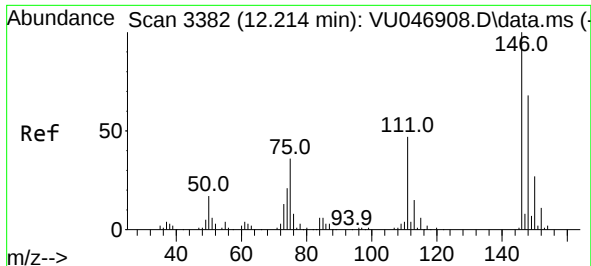


#65
1,4-Dichlorobenzene
Concen: 4.511 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU046931.D
Acq: 31 Jan 2022 20:44



Tgt Ion:146 Resp: 67483
Ion Ratio Lower Upper
146 100
111 39.5 28.7 53.3
148 64.0 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 4.635 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU046931.D

Acq: 31 Jan 2022 20:44

Instrument :

MSVOA_U

ClientSampleId :

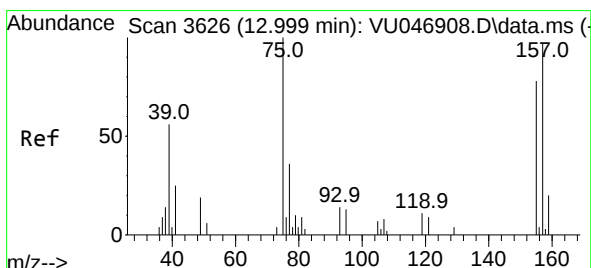
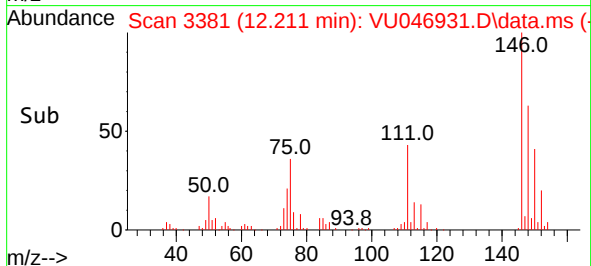
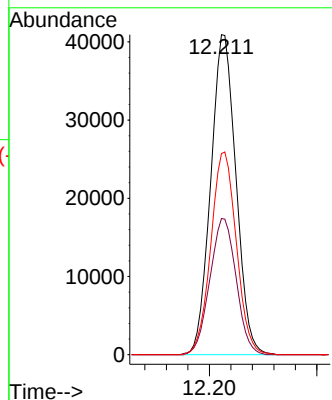
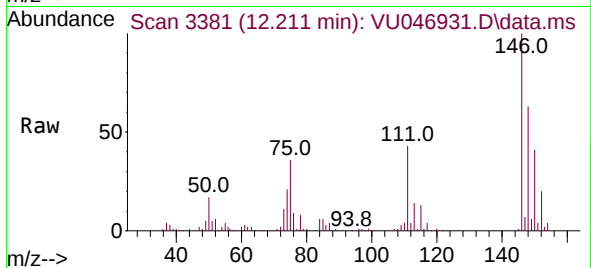
Tgt Ion:146 Resp: 66631

Ion Ratio Lower Upper

146 100

111 42.5 35.4 53.0

148 62.9 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.113 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU046931.D

Acq: 31 Jan 2022 20:44

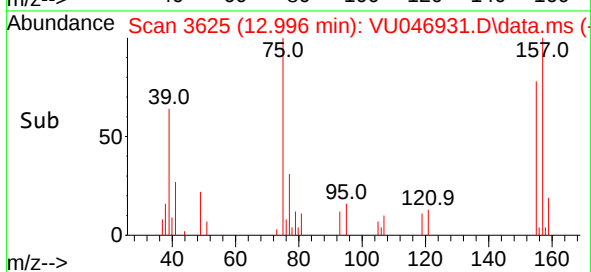
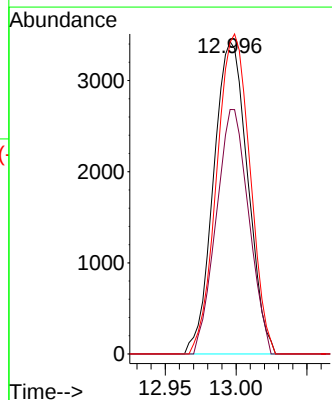
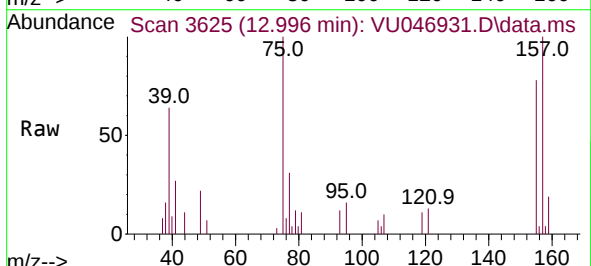
Tgt Ion: 75 Resp: 5740

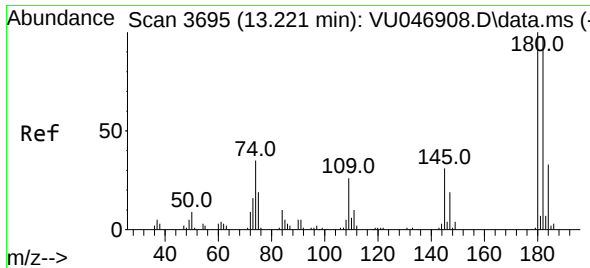
Ion Ratio Lower Upper

75 100

155 78.3 59.2 88.8

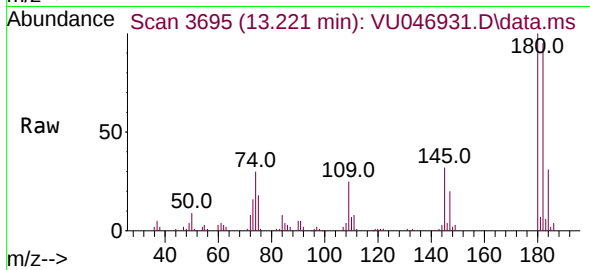
157 99.8 76.5 114.7





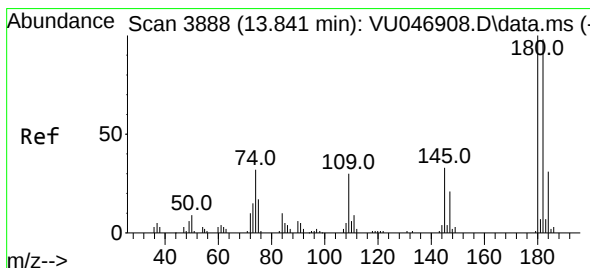
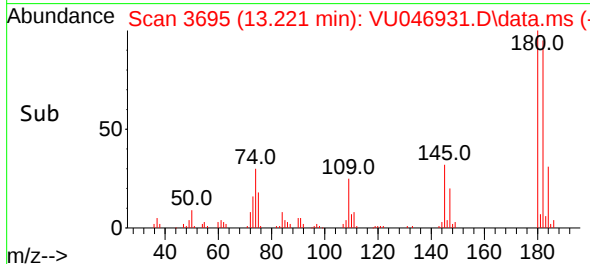
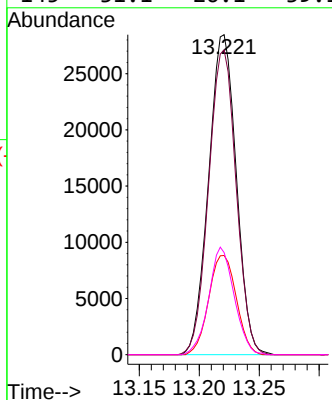
#69
 1,3,5-Trichlorobenzene
 Concen: 3.887 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU046931.D
 Acq: 31 Jan 2022 20:44

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 45548

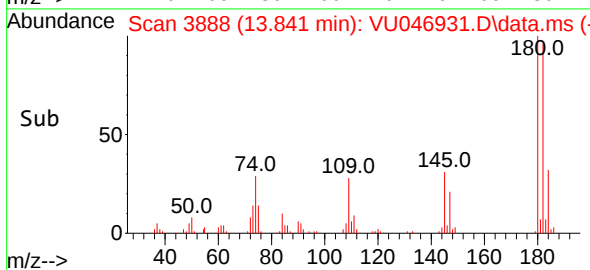
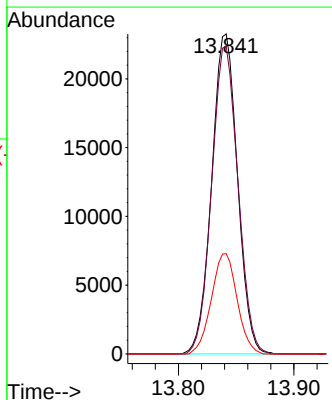
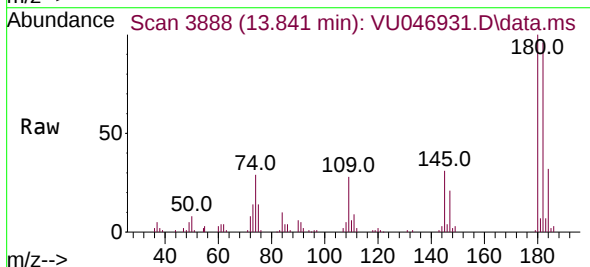
Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.1	114.1
184	31.0	25.0	37.4
145	31.1	26.1	39.1

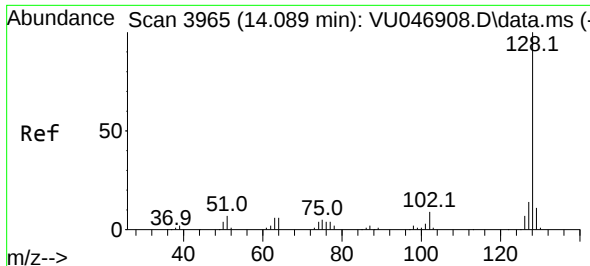


#70
 1,2,4-trichlorobenzene
 Concen: 3.682 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU046931.D
 Acq: 31 Jan 2022 20:44

Tgt Ion:180 Resp: 36074

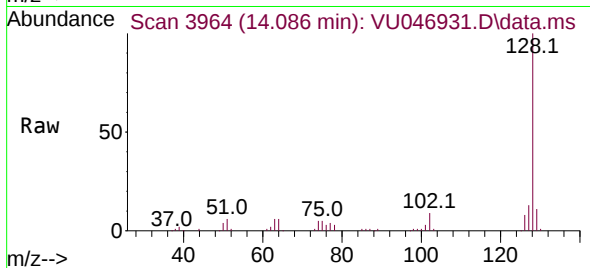
Ion	Ratio	Lower	Upper
180	100		
182	97.7	76.4	114.6
145	31.3	25.6	38.4



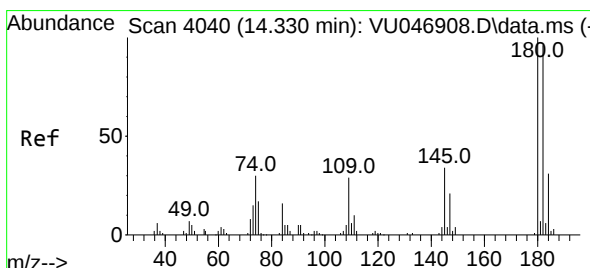
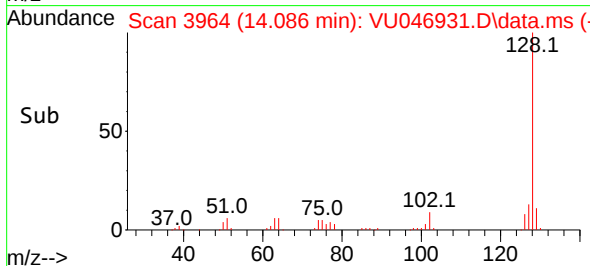
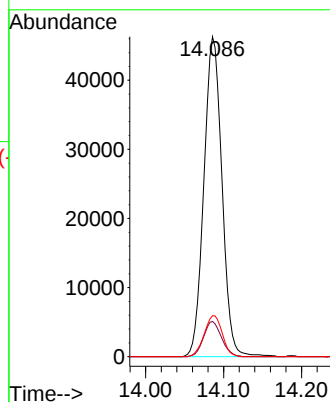


#71
Naphthalene
Concen: 3.738 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU046931.D
Acq: 31 Jan 2022 20:44

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 74563
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 12.8 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.131 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU046931.D
Acq: 31 Jan 2022 20:44

Tgt Ion:180 Resp: 38227
Ion Ratio Lower Upper
180 100
182 94.2 76.2 114.4
145 33.2 28.4 42.6

