

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
 Data File : VU046171.D
 Acq On : 07 Dec 2021 23:39
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 08 08:12:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	224724	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	220199	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	121899	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	81339	43.939	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.880%
7) Chloroethane-d5	1.919	69	59037	41.537	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.080%
11) 1,1-Dichloroethene-d2	2.575	63	146760	44.163	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.320%
21) 2-Butanone-d5	4.636	46	132147	89.799	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.800%
24) Chloroform-d	5.067	84	145668	47.121	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.240%
26) 1,2-Dichloroethane-d4	5.703	65	95372	45.970	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.940%
32) Benzene-d6	5.732	84	306187	48.514	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.020%
36) 1,2-Dichloropropane-d6	6.694	67	94100	48.109	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.220%
41) Toluene-d8	7.899	98	285867	49.747	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.500%
43) trans-1,3-Dichloroprop...	8.179	79	47704	50.522	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.040%
47) 2-Hexanone-d5	8.632	63	96635	104.200	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.200%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	141838	47.816	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.640%
66) 1,2-Dichlorobenzene-d4	12.192	152	115363	49.142	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	100030	40.913	ug/L	100
3) Chloromethane	1.523	50	86811	39.697	ug/L	100
5) Vinyl chloride	1.607	62	92548	41.972	ug/L	99
6) Bromomethane	1.864	94	55670	44.544	ug/L	97
8) Chloroethane	1.938	64	52249	40.925	ug/L	97
9) Trichlorofluoromethane	2.144	101	125254	43.510	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	76839	46.991	ug/L	94
12) 1,1-Dichloroethene	2.584	96	73931	47.580	ug/L	97
13) Acetone	2.655	43	99401	54.047	ug/L	97
14) Carbon disulfide	2.800	76	205617	42.652	ug/L	99
15) Methyl Acetate	2.957	43	94771	44.203	ug/L	96
16) Methylene chloride	3.051	84	86464	46.770	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	79373	48.270	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	261854	51.671	ug/L	100
19) 1,1-Dichloroethane	3.874	63	143084	47.857	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	89954	50.416	ug/L	100
22) 2-Butanone	4.716	43	144335	72.092	ug/L	95
23) Bromochloromethane	4.980	128	46104	51.162	ug/L	90
25) Chloroform	5.092	83	156536	47.122	ug/L	99

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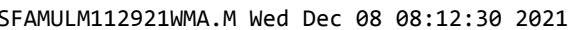
Instrument :
 MSVOA_U
 ClientSampleId :

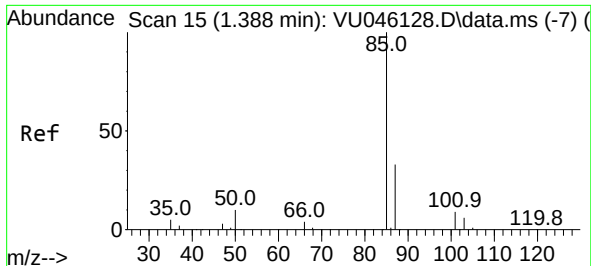
Quant Time: Dec 08 08:12:26 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	116545	47.279	ug/L	99
29) Cyclohexane	5.395	56	127377	49.678	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	133075	49.233	ug/L	99
31) Carbon tetrachloride	5.526	117	111190	48.455	ug/L	97
33) Benzene	5.777	78	331406	49.726	ug/L	100
34) Trichloroethene	6.546	95	89368	50.901	ug/L	98
35) Methylcyclohexane	6.764	83	131308	48.233	ug/L	99
37) 1,2-Dichloropropane	6.793	63	85777	49.132	ug/L	99
38) Bromodichloromethane	7.108	83	112710	48.572	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	135955	51.189	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	250455	97.641	ug/L	98
42) Toluene	7.970	91	369232	51.632	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	131071	50.247	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	88715	50.650	ug/L	98
46) Tetrachloroethene	8.555	164	67381	52.223	ug/L	96
48) 2-Hexanone	8.684	43	201212	87.713	ug/L	98
49) Dibromochloromethane	8.809	129	94792	51.537	ug/L	97
50) 1,2-Dibromoethane	8.925	107	96571	50.855	ug/L	99
51) Chlorobenzene	9.449	112	237769	51.392	ug/L	99
52) Ethylbenzene	9.571	91	404788	52.595	ug/L	99
53) m,p-Xylene	9.693	106	158591	52.838	ug/L	97
54) o-xylene	10.102	106	154893	53.184	ug/L	97
55) Styrene	10.115	104	268760	54.051	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	146853	48.904	ug/L	98
59) Bromoform	10.291	173	69216	48.402	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	120939	45.259	ug/L	99
61) Isopropylbenzene	10.484	105	412116	51.961	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	350136	52.964	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	352376	53.277	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	195476	51.886	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	198082	50.873	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	192605	50.767	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	33516	47.082	ug/L	91
69) 1,3,5-Trichlorobenzene	13.217	180	142330	51.849	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	133172	54.669	ug/L	99
71) Naphthalene	14.086	128	484951	57.209	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	133492	53.739	ug/L	99

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

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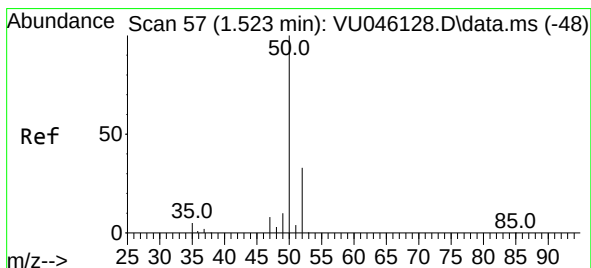
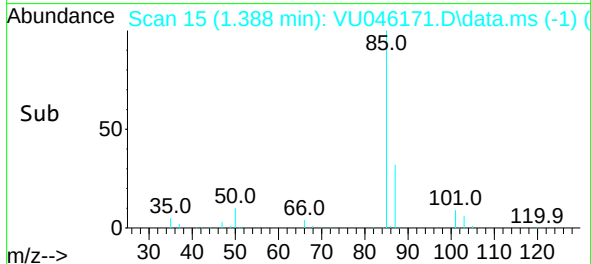
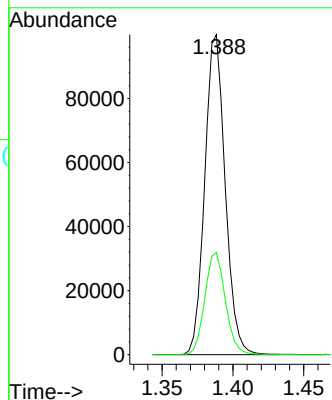
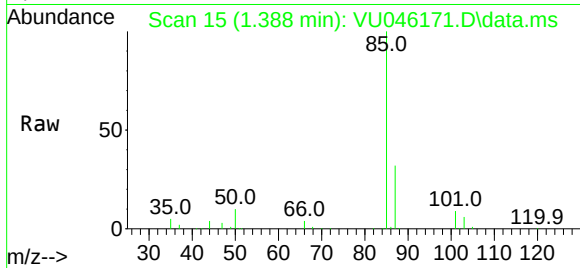




#2
Dichlorodifluoromethane
Concen: 40.913 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

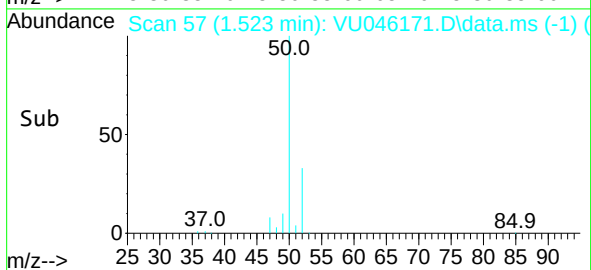
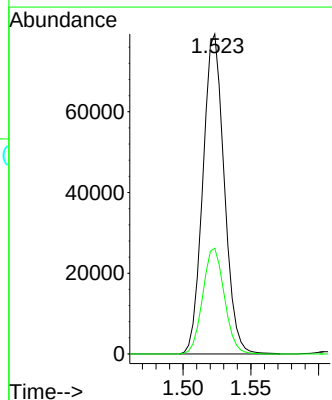
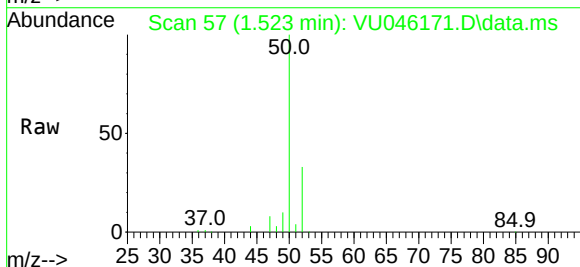
Instrument :
MSVOA_U
ClientSampleId :

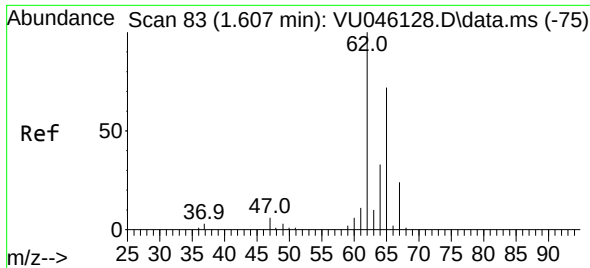
Tgt Ion: 85 Resp: 100030
Ion Ratio Lower Upper
85 100
87 32.1 25.7 38.5



#3
Chloromethane
Concen: 39.697 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

Tgt Ion: 50 Resp: 86811
Ion Ratio Lower Upper
50 100
52 33.1 23.2 43.2

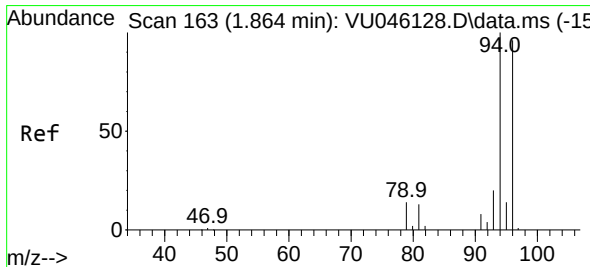
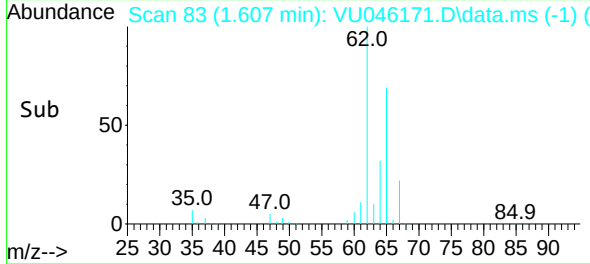
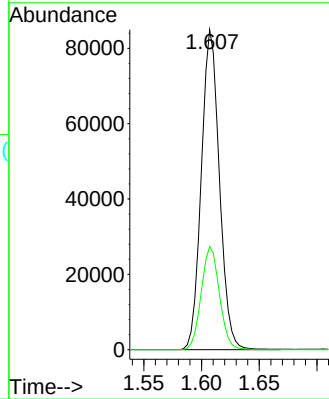
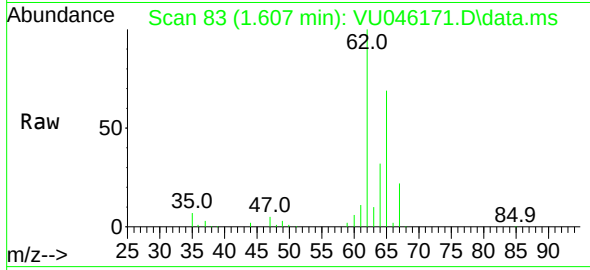




#5
 Vinyl chloride
 Concen: 41.972 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU046171.D
 Acq: 07 Dec 2021 23:39

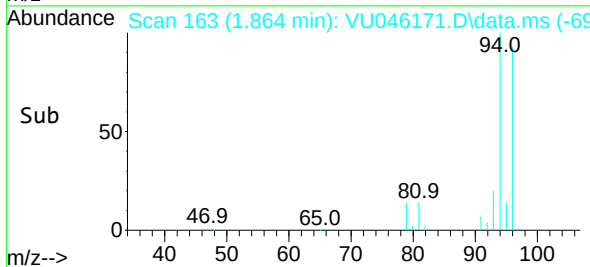
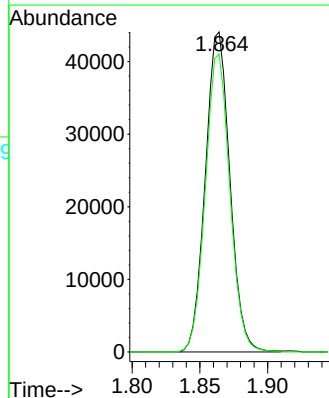
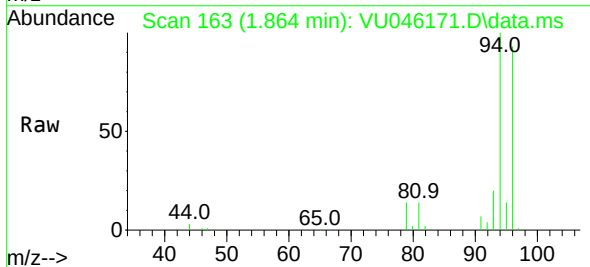
Instrument :
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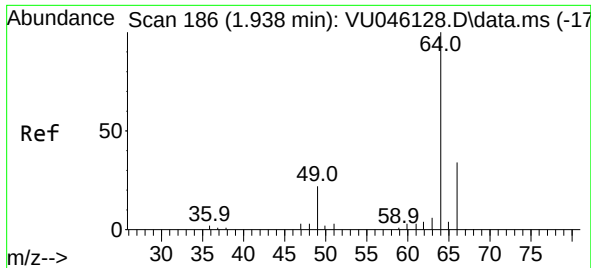
Tgt Ion: 62 Resp: 92548
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.9 42.5



#6
 Bromomethane
 Concen: 44.544 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU046171.D
 Acq: 07 Dec 2021 23:39

Tgt Ion: 94 Resp: 55670
 Ion Ratio Lower Upper
 94 100
 96 93.1 67.4 125.2

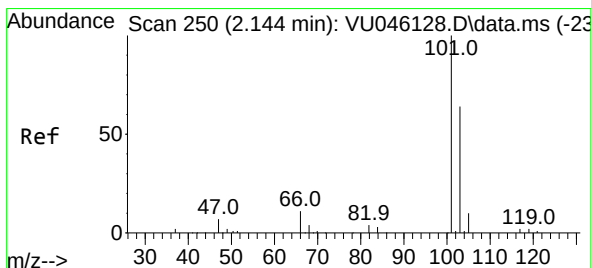
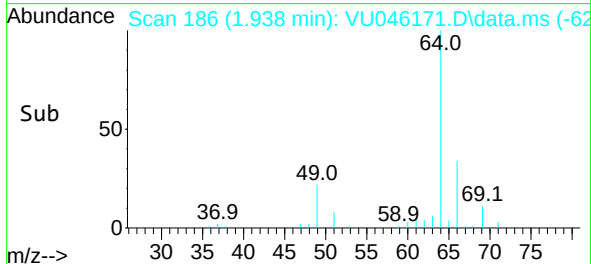
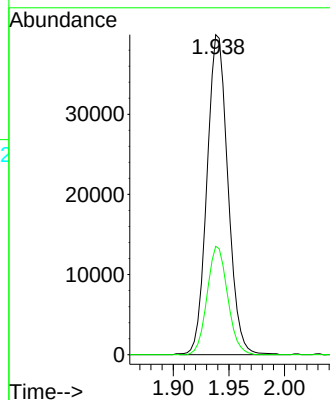
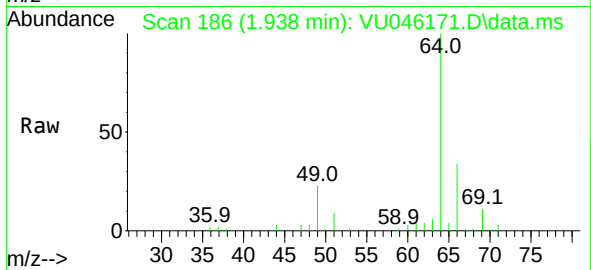




#8
Chloroethane
Concen: 40.925 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

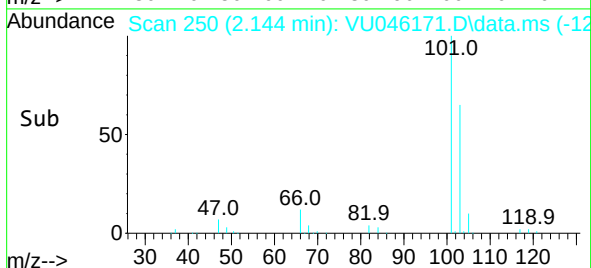
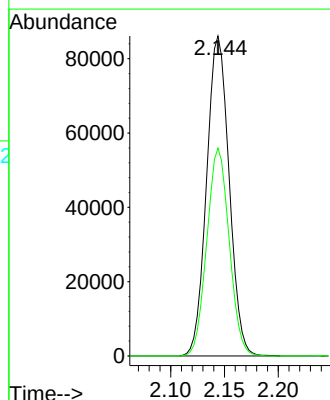
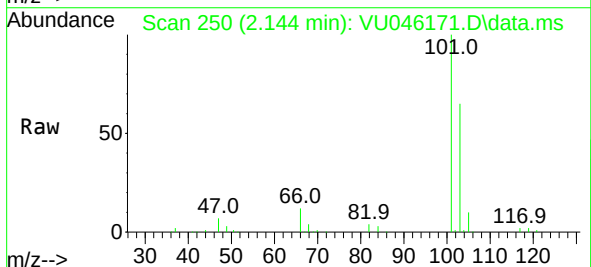
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ClientSampleId :

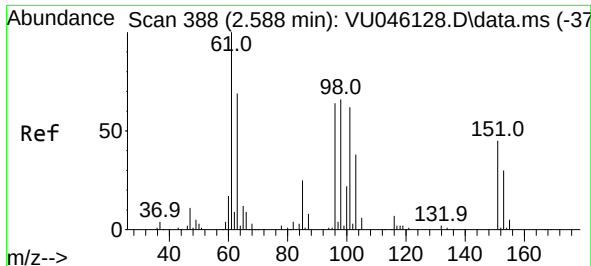
Tgt Ion: 64 Resp: 52249
Ion Ratio Lower Upper
64 100
66 33.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 43.510 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

Tgt Ion:101 Resp: 125254
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.6

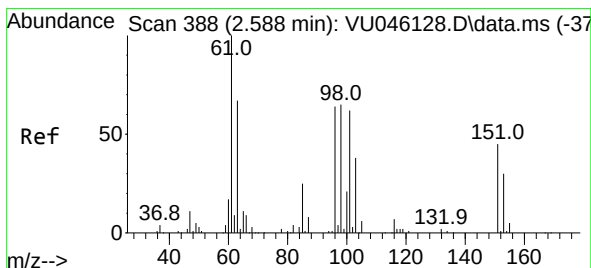
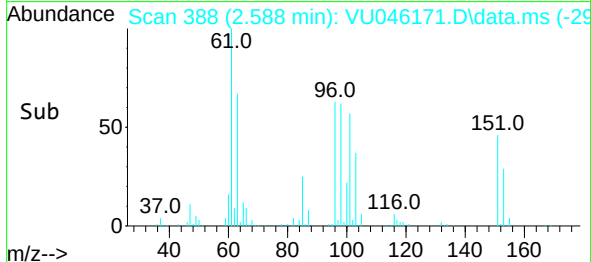
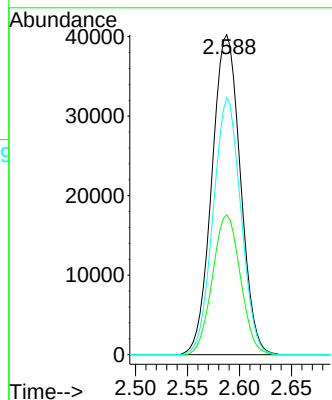
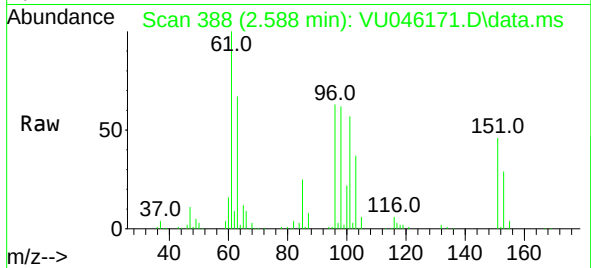




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.991 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU046171.D
 Acq: 07 Dec 2021 23:39

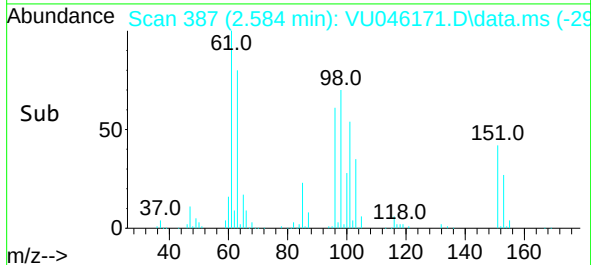
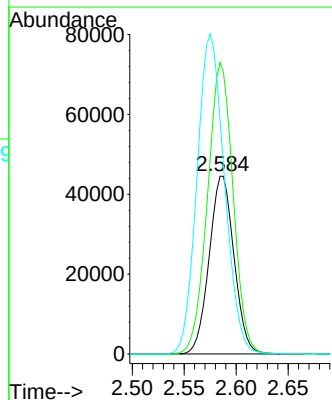
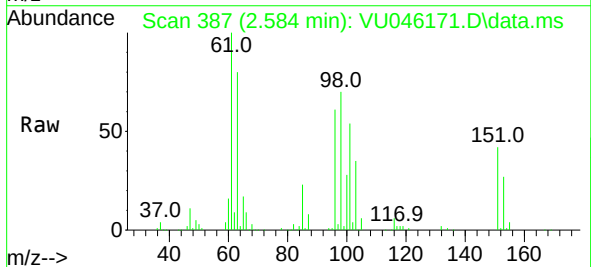
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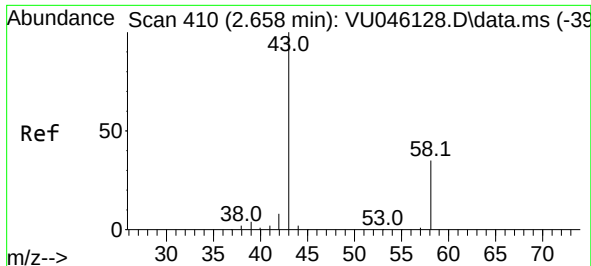
Tgt Ion:101 Resp: 76839
 Ion Ratio Lower Upper
 101 100
 85 42.8 35.1 52.7
 151 78.1 56.7 85.1



#12
 1,1-Dichloroethene
 Concen: 47.580 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU046171.D
 Acq: 07 Dec 2021 23:39

Tgt Ion: 96 Resp: 73931
 Ion Ratio Lower Upper
 96 100
 61 164.0 118.6 220.2
 63 131.9 93.0 172.8





#13

Acetone

Concen: 54.047 ug/L

RT: 2.655 min Scan# 410

Delta R.T. -0.006 min

Lab File: VU046171.D

Acq: 07 Dec 2021 23:39

Instrument :

MSVOA_U

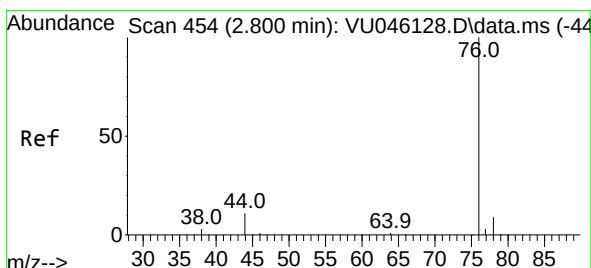
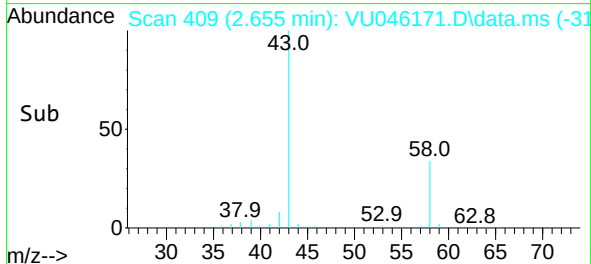
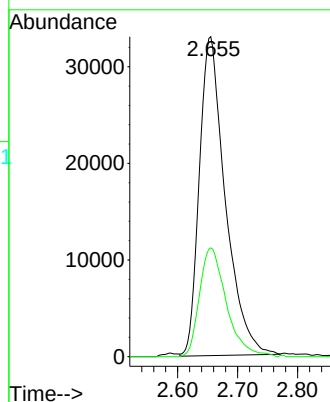
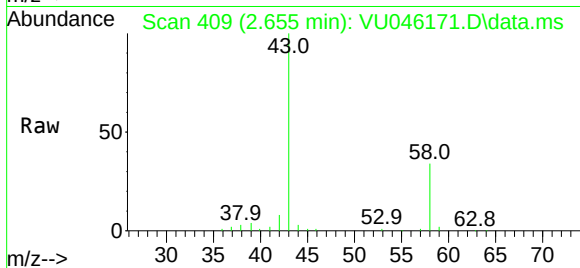
ClientSampleId :

Tgt Ion: 43 Resp: 99401

Ion Ratio Lower Upper

43 100

58 35.0 0.0 66.8



#14

Carbon disulfide

Concen: 42.652 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU046171.D

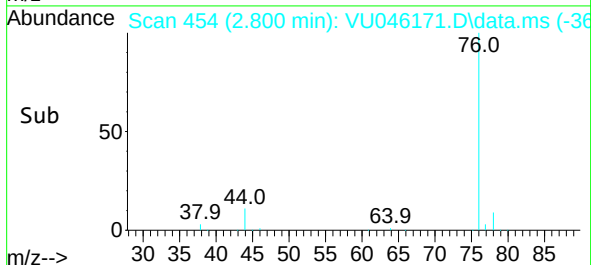
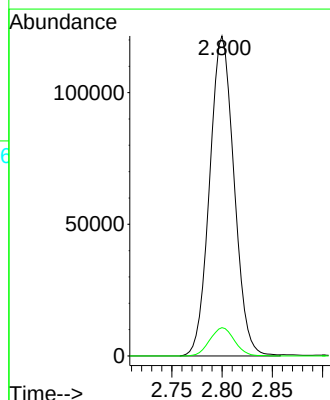
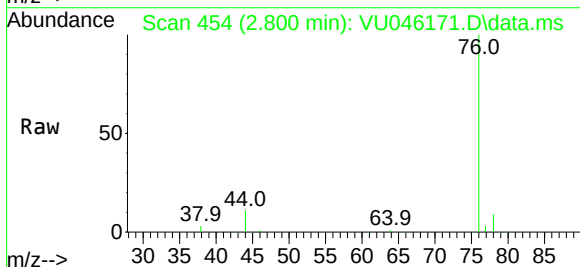
Acq: 07 Dec 2021 23:39

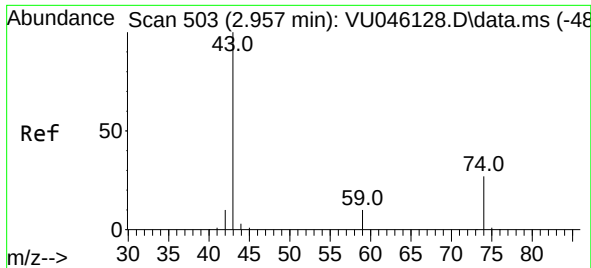
Tgt Ion: 76 Resp: 205617

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

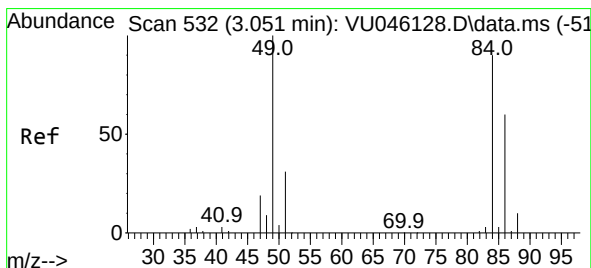
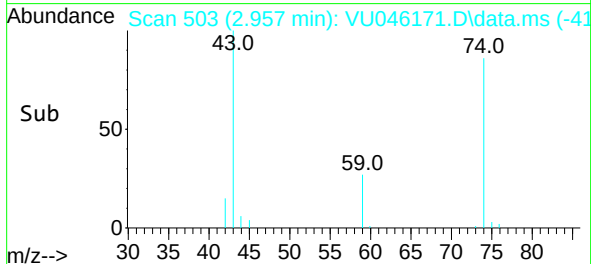
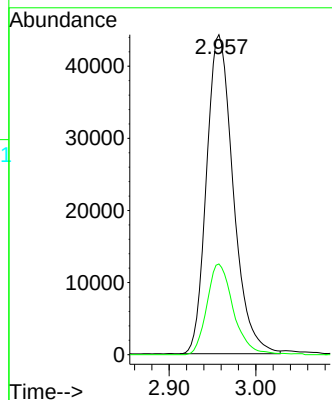
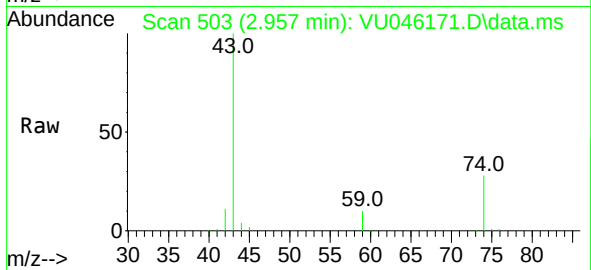




#15
Methyl Acetate
Concen: 44.203 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.003 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

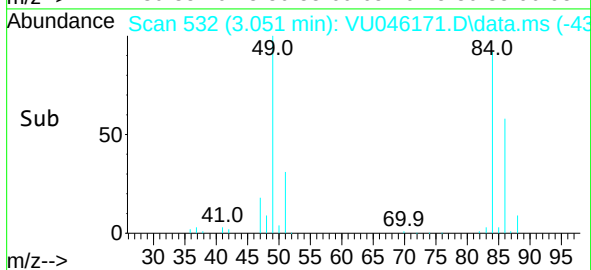
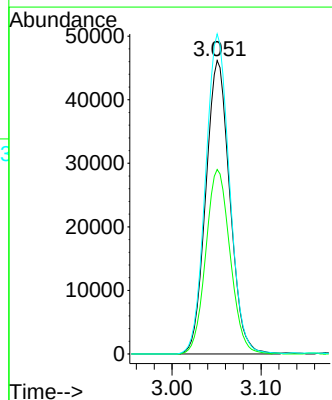
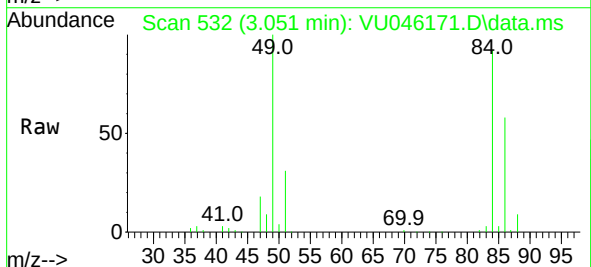
Instrument :
MSVOA_U
ClientSampleId :

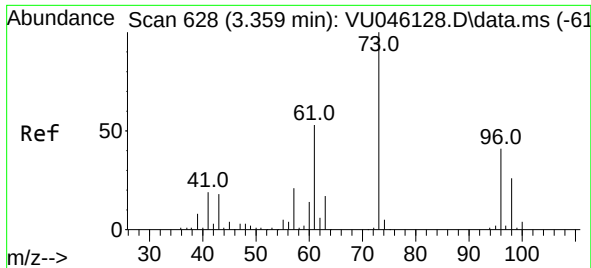
Tgt Ion: 43 Resp: 94771
Ion Ratio Lower Upper
43 100
74 28.2 20.8 31.2



#16
Methylene chloride
Concen: 46.770 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

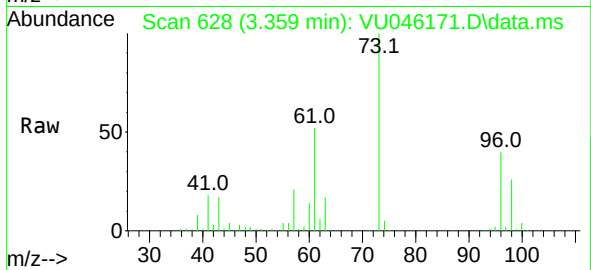
Tgt Ion: 84 Resp: 86464
Ion Ratio Lower Upper
84 100
86 62.9 44.7 83.1
49 109.1 78.4 145.6



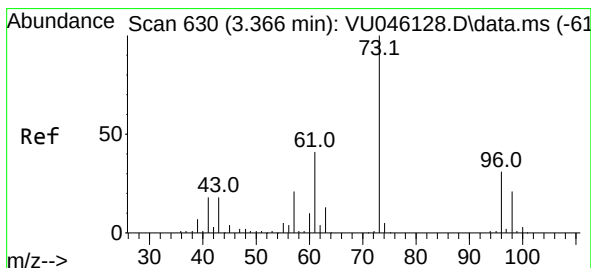
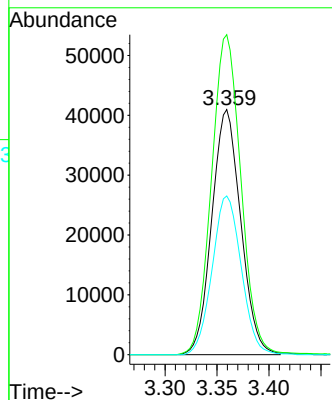
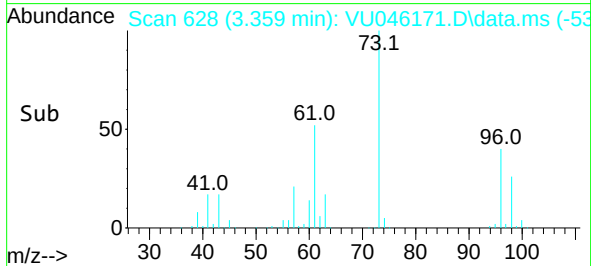


#17
trans-1,2-Dichloroethene
Concen: 48.270 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

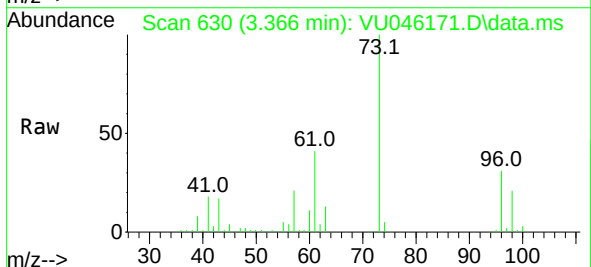
Instrument :
MSVOA_U
ClientSampleId :



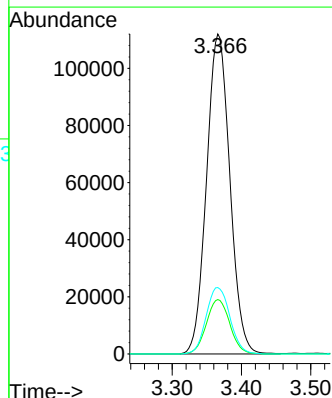
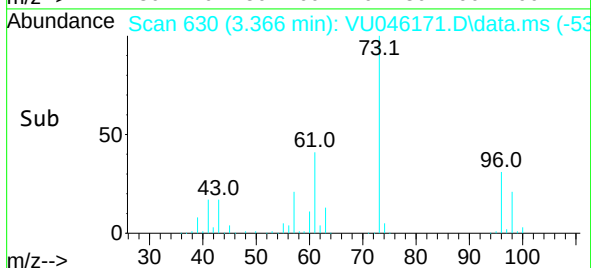
Tgt Ion: 96 Resp: 79373
Ion Ratio Lower Upper
96 100
61 130.5 94.6 175.6
98 64.8 44.0 81.8

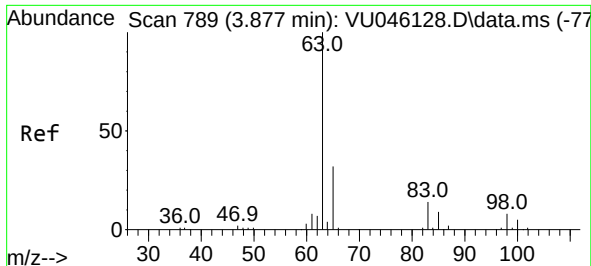


#18
Methyl tert-butyl Ether
Concen: 51.671 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.003 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39



Tgt Ion: 73 Resp: 261854
Ion Ratio Lower Upper
73 100
43 17.1 14.0 21.0
57 21.2 17.0 25.4





#19

1,1-Dichloroethane

Concen: 47.857 ug/L

RT: 3.874 min Scan# 789

Delta R.T. -0.003 min

Lab File: VU046171.D

Acq: 07 Dec 2021 23:39

Instrument :

MSVOA_U

ClientSampleId :

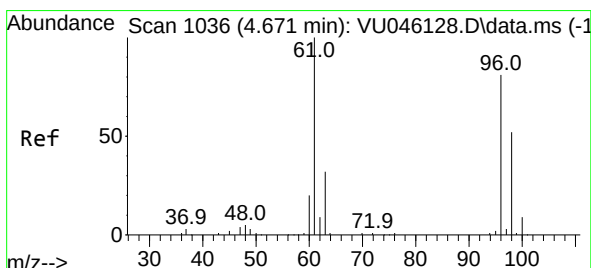
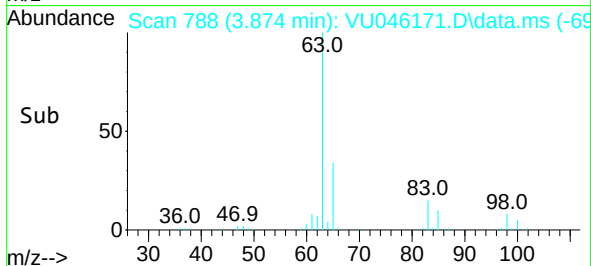
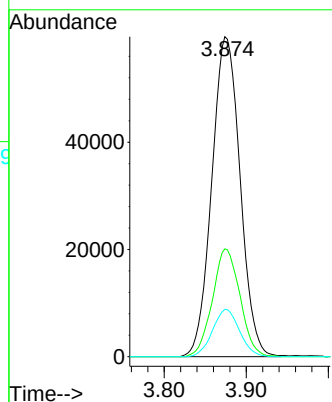
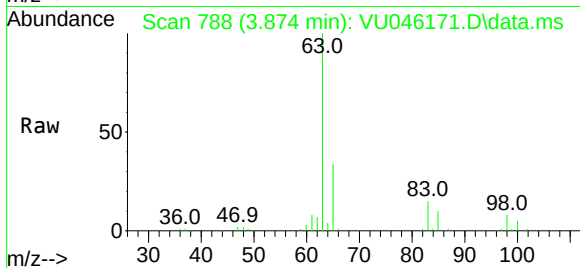
Tgt Ion: 63 Resp: 143084

Ion Ratio Lower Upper

63 100

65 33.7 22.8 42.4

83 14.7 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 50.416 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU046171.D

Acq: 07 Dec 2021 23:39

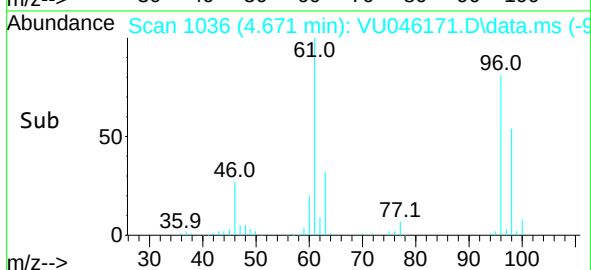
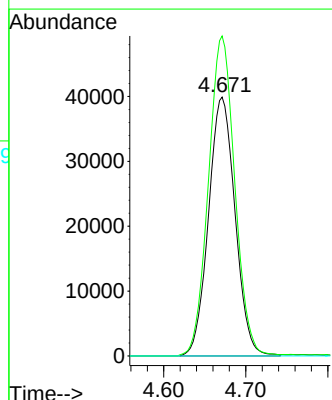
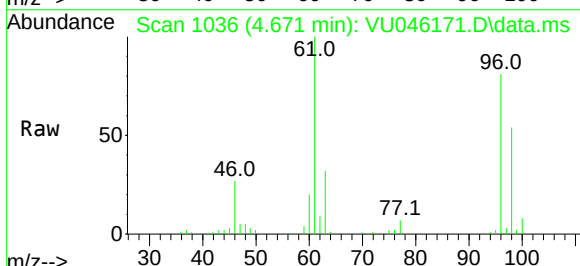
Tgt Ion: 96 Resp: 89954

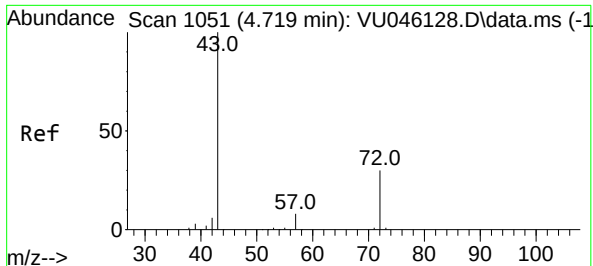
Ion Ratio Lower Upper

96 100

61 123.6 86.8 161.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 72.092 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. -0.006 min

Lab File: VU046171.D

Acq: 07 Dec 2021 23:39

Instrument :

MSVOA_U

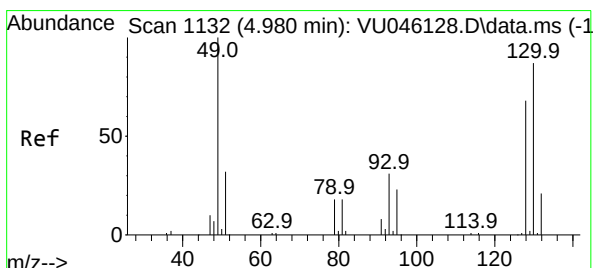
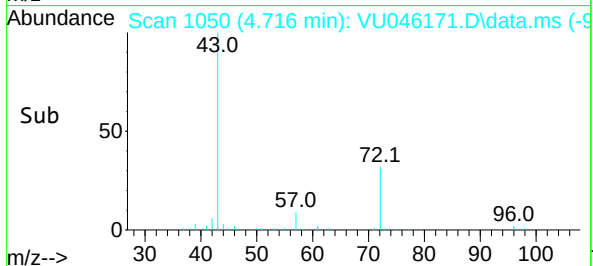
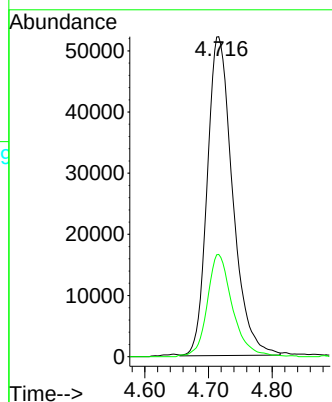
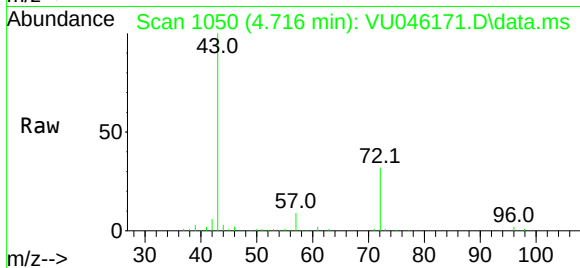
ClientSampleId :

Tgt Ion: 43 Resp: 144335

Ion Ratio Lower Upper

43 100

72 31.7 14.5 43.6



#23

Bromochloromethane

Concen: 51.162 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU046171.D

Acq: 07 Dec 2021 23:39

Tgt Ion:128 Resp: 46104

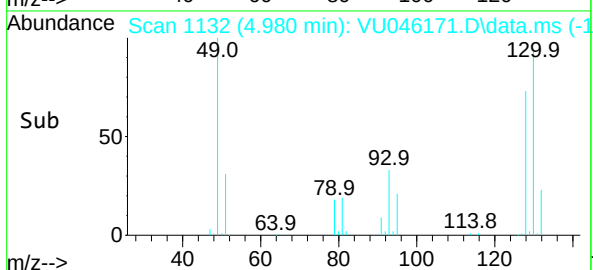
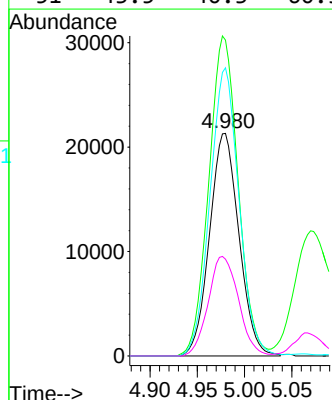
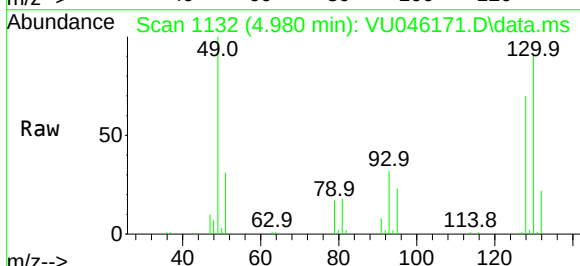
Ion Ratio Lower Upper

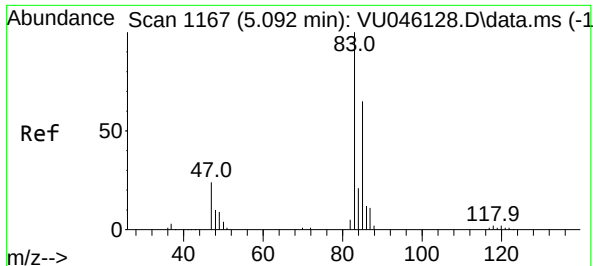
128 100

49 141.9 115.9 215.3

130 129.5 91.8 170.4

51 43.5 40.3 60.5





#25

Chloroform

Concen: 47.122 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046171.D

Acq: 07 Dec 2021 23:39

Instrument :

MSVOA_U

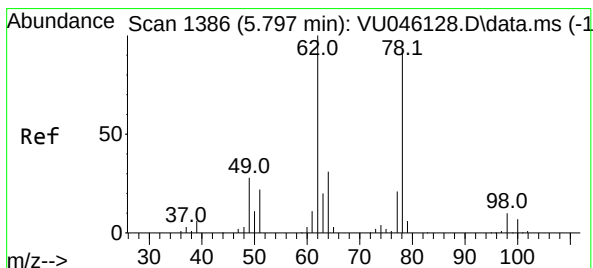
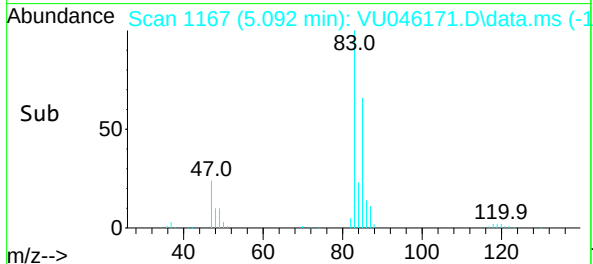
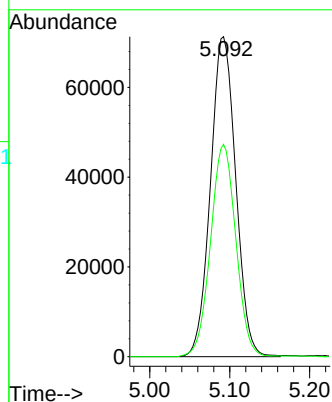
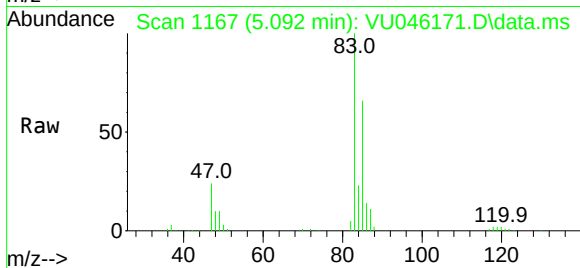
ClientSampleId :

Tgt Ion: 83 Resp: 156536

Ion Ratio Lower Upper

83 100

85 66.4 45.8 85.2



#27

1,2-Dichloroethane

Concen: 47.279 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU046171.D

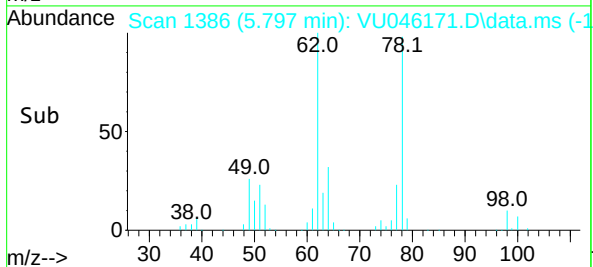
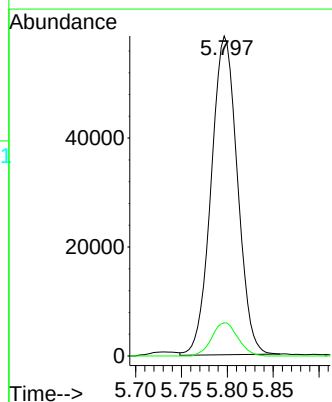
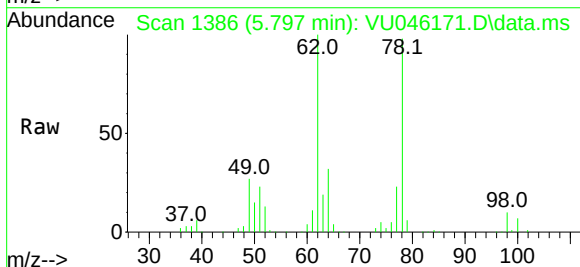
Acq: 07 Dec 2021 23:39

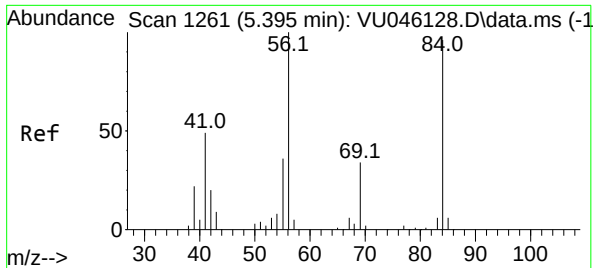
Tgt Ion: 62 Resp: 116545

Ion Ratio Lower Upper

62 100

98 10.3 7.9 11.9





#29

Cyclohexane

Concen: 49.678 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU046171.D

Acq: 07 Dec 2021 23:39

Instrument :

MSVOA_U

ClientSampleId :

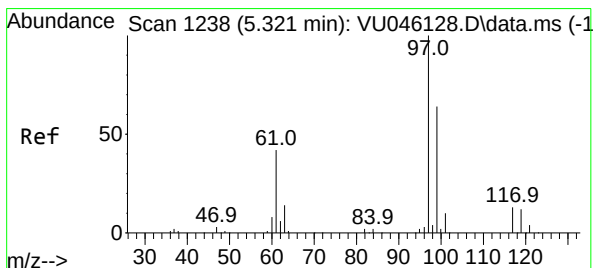
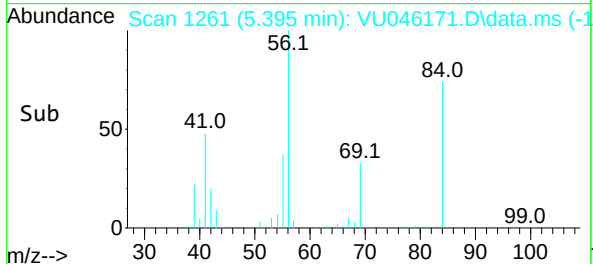
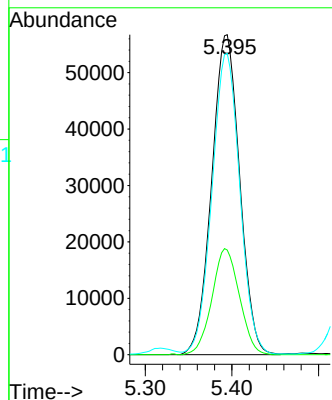
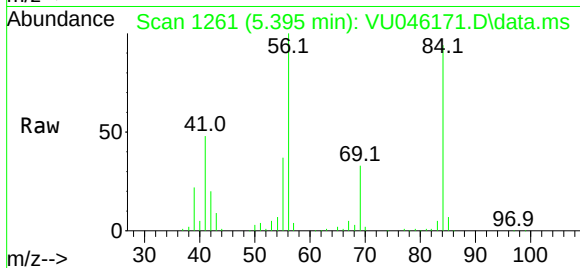
Tgt Ion: 56 Resp: 127377

Ion Ratio Lower Upper

56 100

69 32.5 25.2 37.8

84 93.3 73.3 109.9



#30

1,1,1-Trichloroethane

Concen: 49.233 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU046171.D

Acq: 07 Dec 2021 23:39

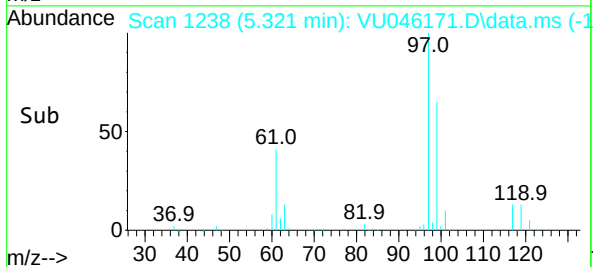
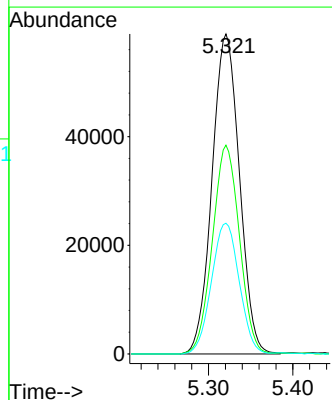
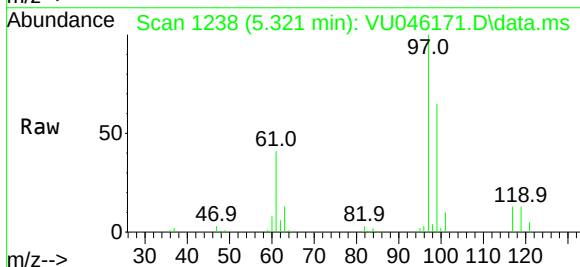
Tgt Ion: 97 Resp: 133075

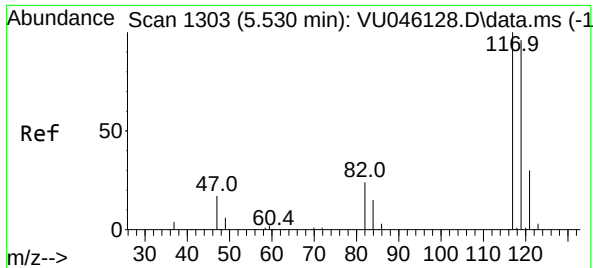
Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.6

61 41.4 34.4 51.6

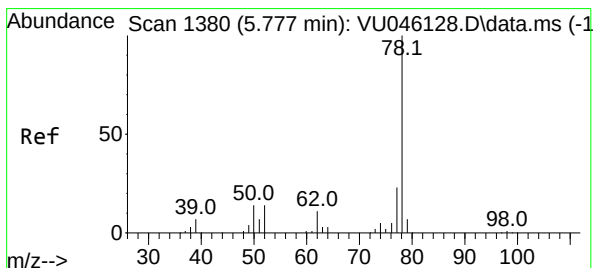
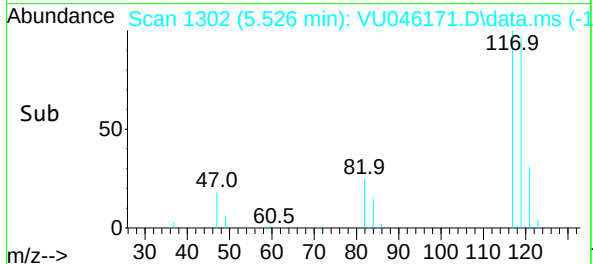
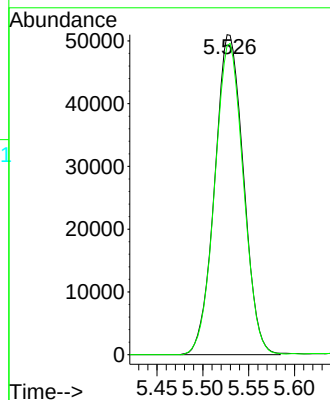
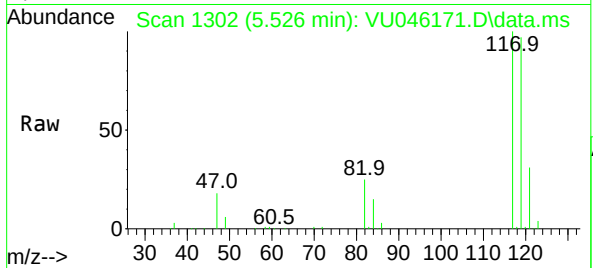




#31
Carbon tetrachloride
Concen: 48.455 ug/L
RT: 5.526 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

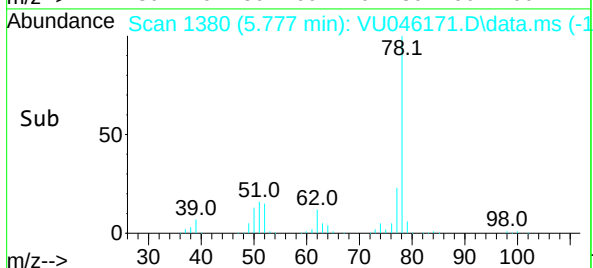
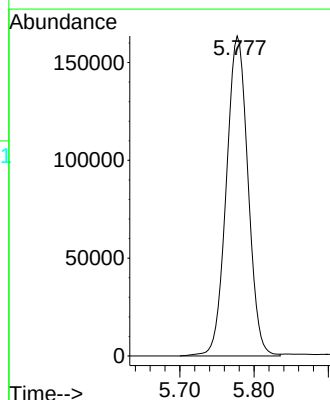
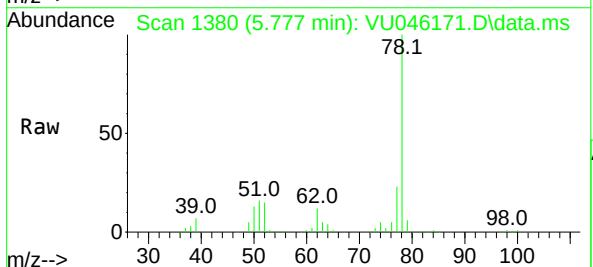
Instrument :
MSVOA_U
ClientSampleId :

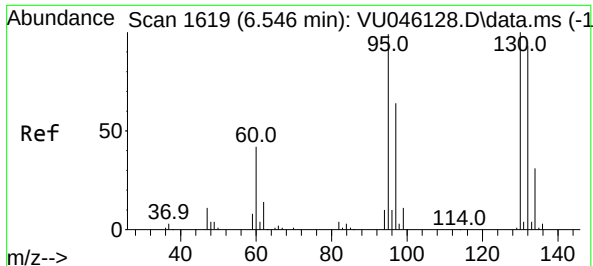
Tgt Ion:117 Resp: 111190
Ion Ratio Lower Upper
117 100
119 97.1 75.7 113.5



#33
Benzene
Concen: 49.726 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

Tgt Ion: 78 Resp: 331406

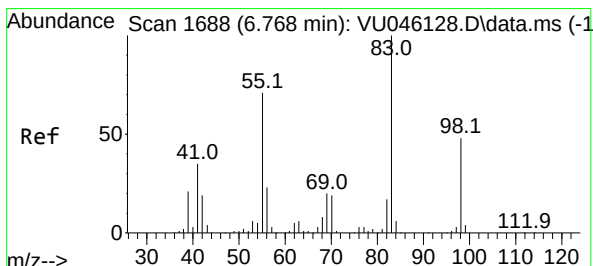
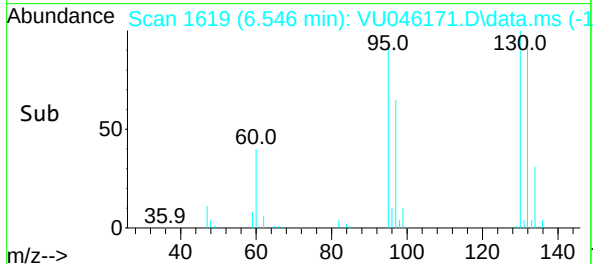
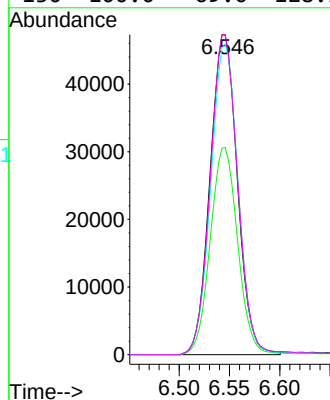
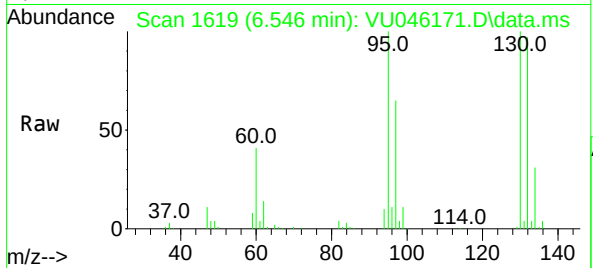




#34
Trichloroethene
Concen: 50.901 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

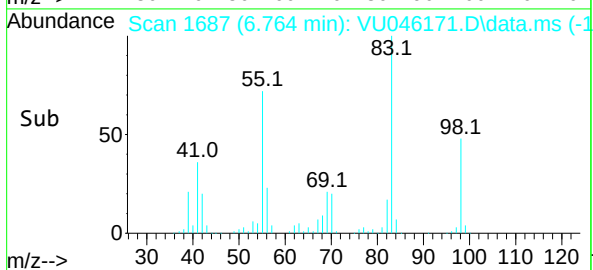
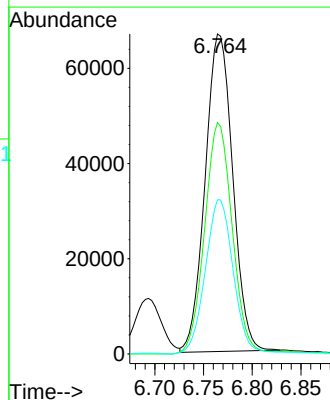
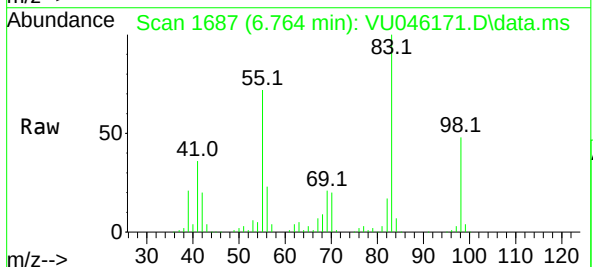
Instrument :
MSVOA_U
ClientSampleId :

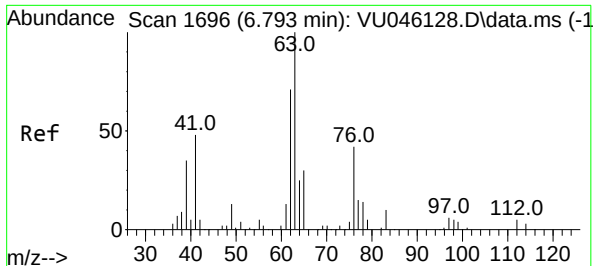
Tgt Ion: 95 Resp: 89368
Ion Ratio Lower Upper
95 100
97 64.8 44.1 81.9
132 97.2 66.8 124.0
130 100.0 69.0 128.1



#35
Methylcyclohexane
Concen: 48.233 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

Tgt Ion: 83 Resp: 131308
Ion Ratio Lower Upper
83 100
55 73.0 57.8 86.6
98 49.3 38.4 57.6





#37

1,2-Dichloropropane

Concen: 49.132 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU046171.D

Acq: 07 Dec 2021 23:39

Instrument :

MSVOA_U

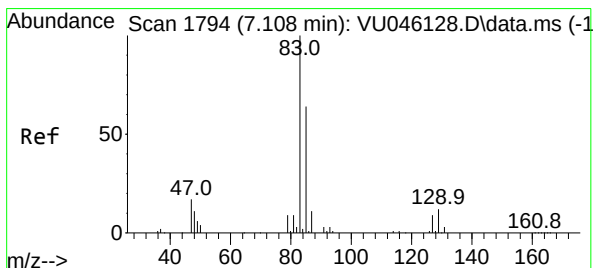
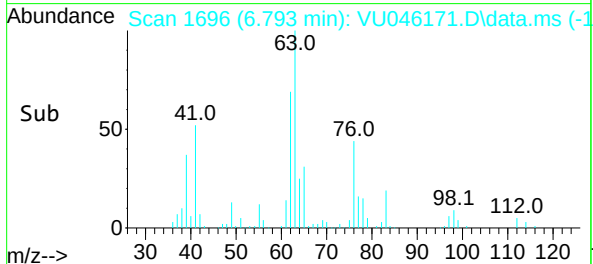
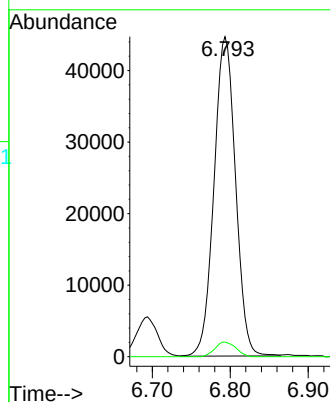
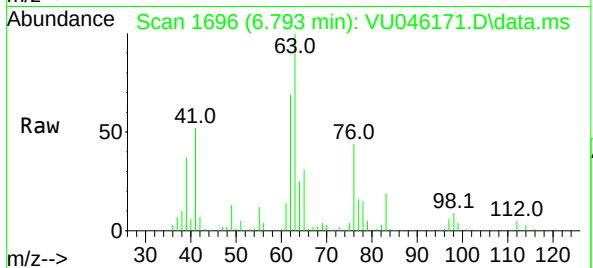
ClientSampleId :

Tgt Ion: 63 Resp: 85777

Ion Ratio Lower Upper

63 100

112 4.4 3.8 5.6



#38

Bromodichloromethane

Concen: 48.572 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU046171.D

Acq: 07 Dec 2021 23:39

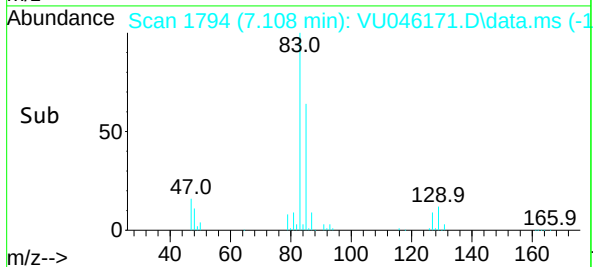
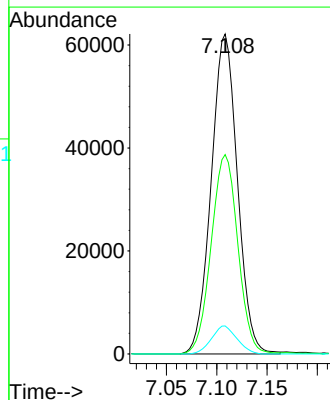
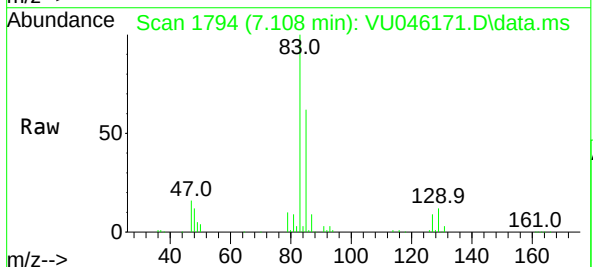
Tgt Ion: 83 Resp: 112710

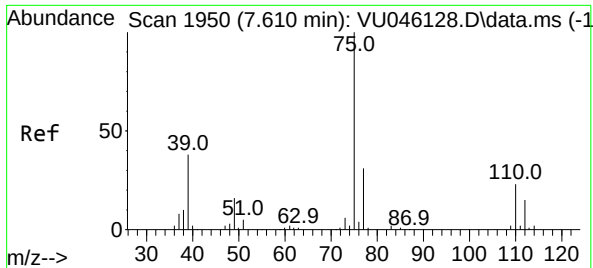
Ion Ratio Lower Upper

83 100

85 62.3 44.4 82.5

127 8.7 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 51.189 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VU046171.D

Acq: 07 Dec 2021 23:39

Instrument :

MSVOA_U

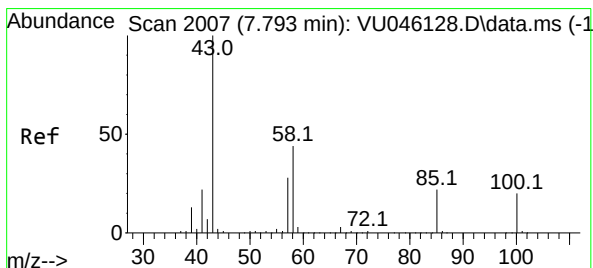
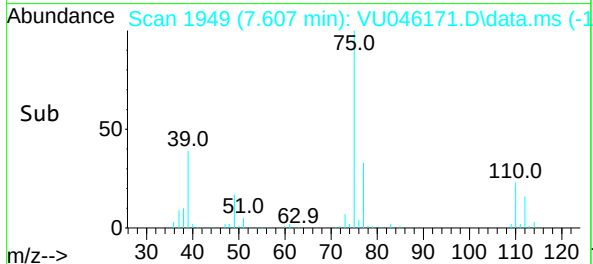
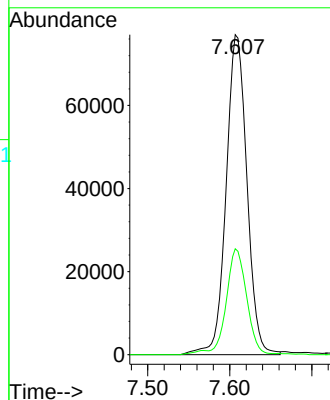
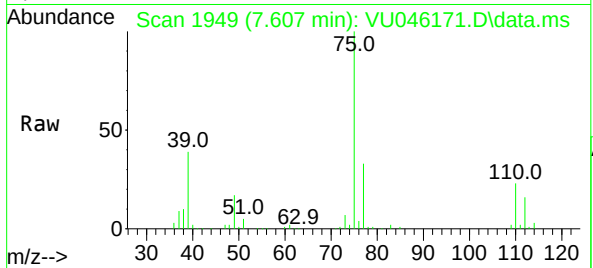
ClientSampleId :

Tgt Ion: 75 Resp: 135955

Ion Ratio Lower Upper

75 100

77 33.1 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 97.641 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU046171.D

Acq: 07 Dec 2021 23:39

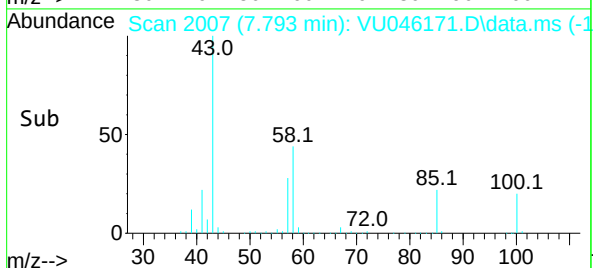
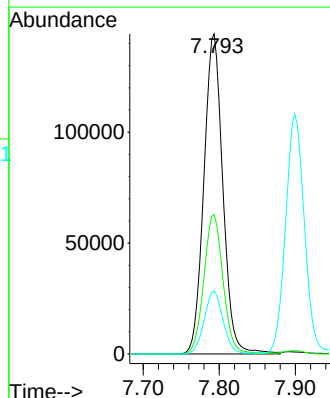
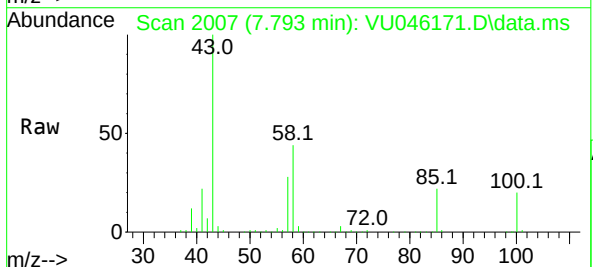
Tgt Ion: 43 Resp: 250455

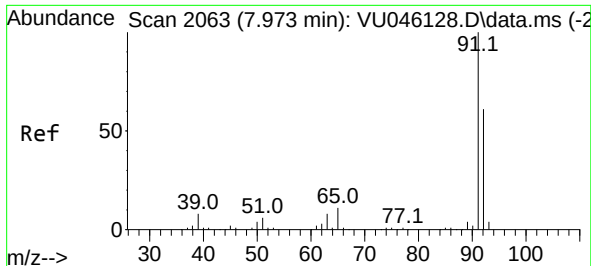
Ion Ratio Lower Upper

43 100

58 43.9 34.2 51.4

100 19.5 14.5 21.7

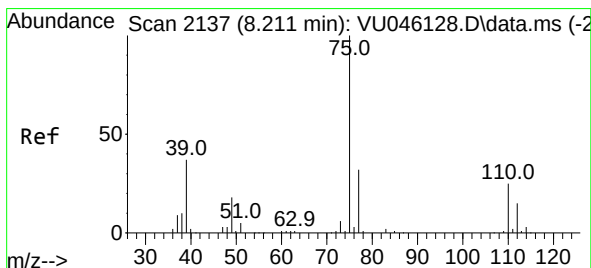
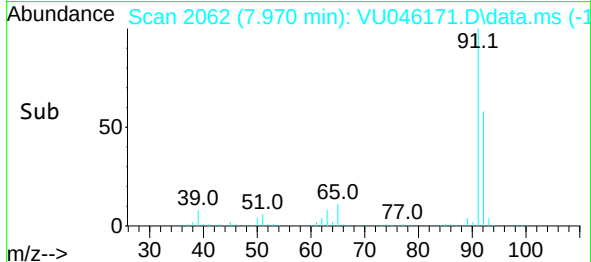
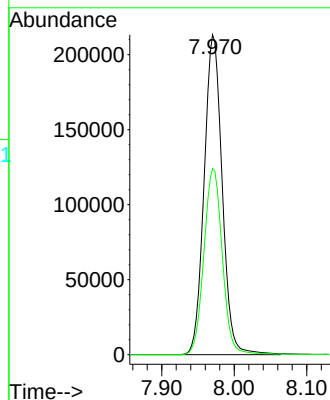
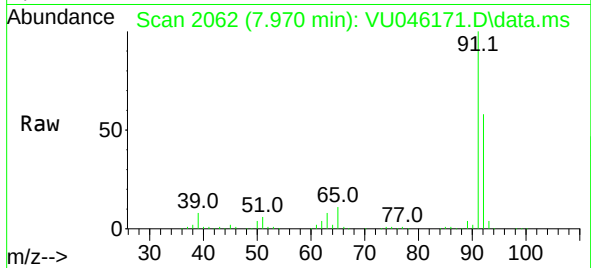




#42
Toluene
Concen: 51.632 ug/L
RT: 7.970 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

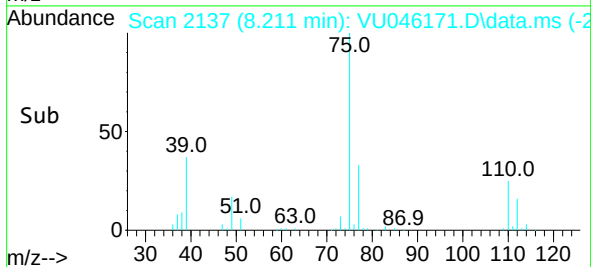
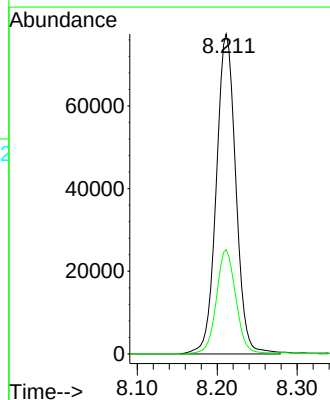
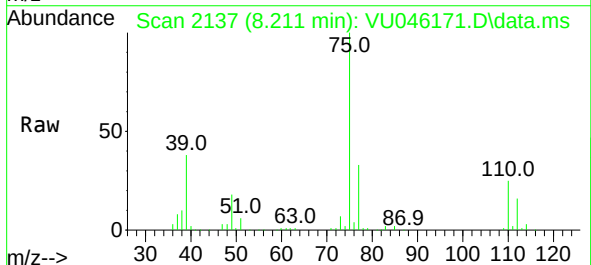
Instrument :
MSVOA_U
ClientSampleId :

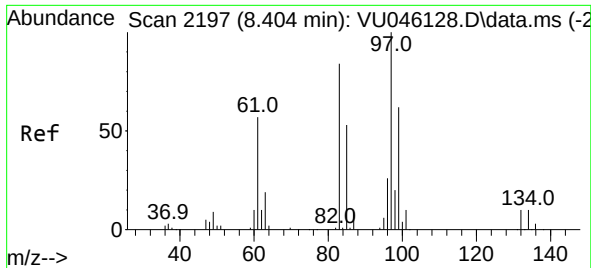
Tgt Ion: 91 Resp: 369232
Ion Ratio Lower Upper
91 100
92 58.1 41.9 77.7



#44
trans-1,3-Dichloropropene
Concen: 50.247 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

Tgt Ion: 75 Resp: 131071
Ion Ratio Lower Upper
75 100
77 32.6 21.7 40.3



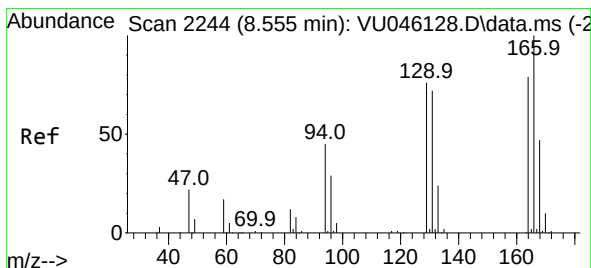
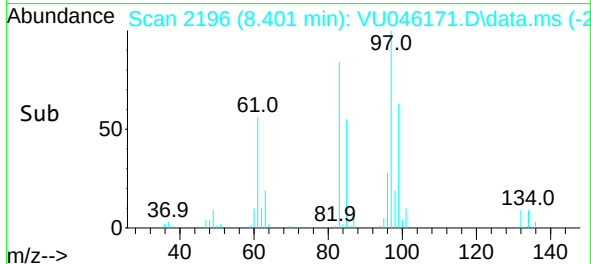
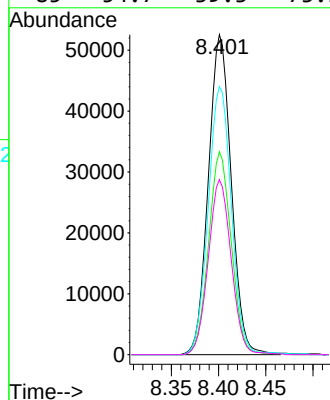
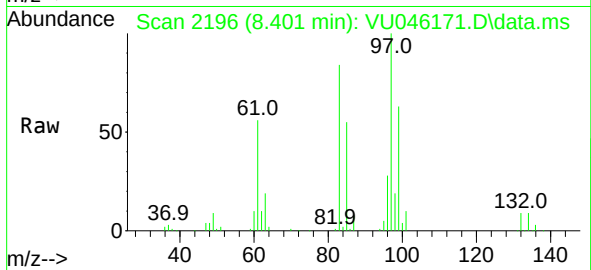


#45
1,1,2-Trichloroethane
Concen: 50.650 ug/L
RT: 8.401 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 88715

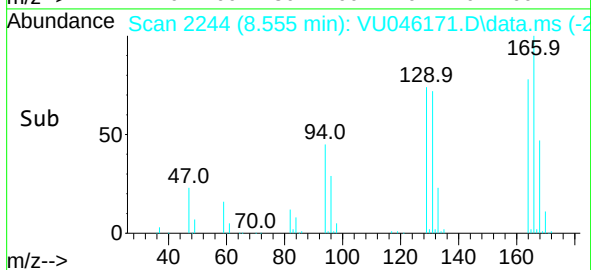
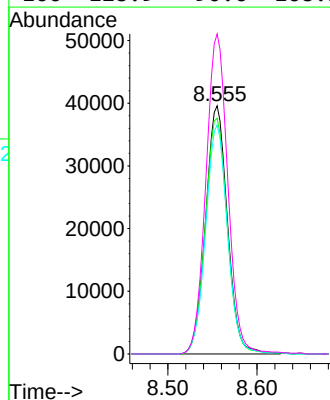
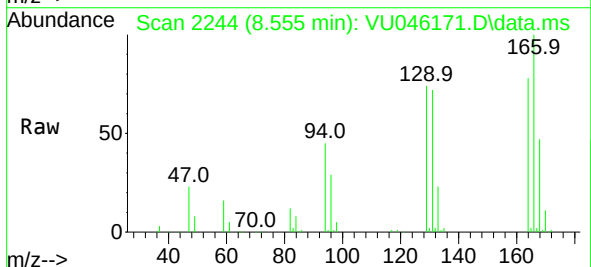
Ion	Ratio	Lower	Upper
97	100		
99	63.4	44.7	82.9
83	83.7	60.2	111.8
85	54.7	39.3	73.1

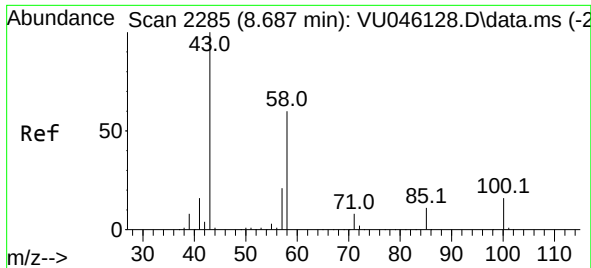


#46
Tetrachloroethene
Concen: 52.223 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

Tgt Ion: 164 Resp: 67381

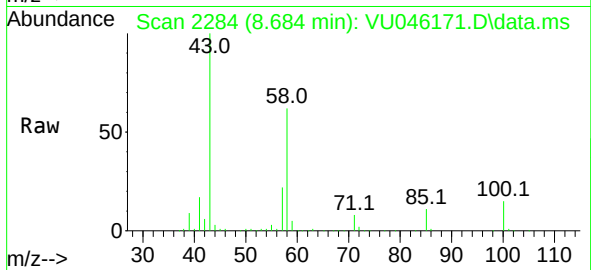
Ion	Ratio	Lower	Upper
164	100		
129	94.9	71.1	132.1
131	92.2	67.8	126.0
166	128.9	90.6	168.2



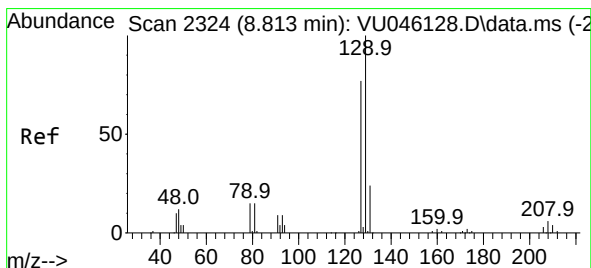
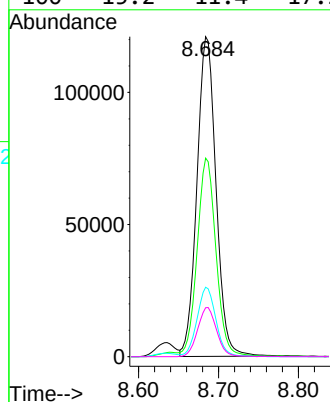
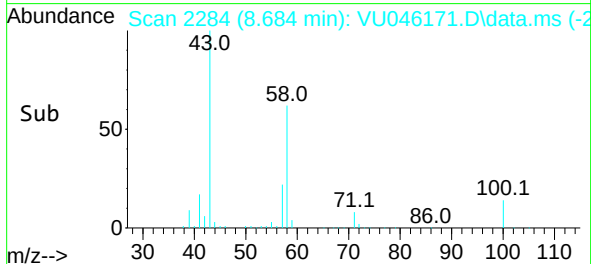


#48
2-Hexanone
Concen: 87.713 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

Instrument :
MSVOA_U
ClientSampleId :

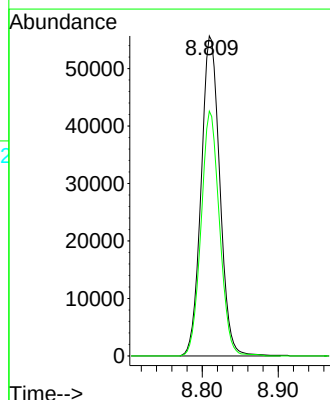
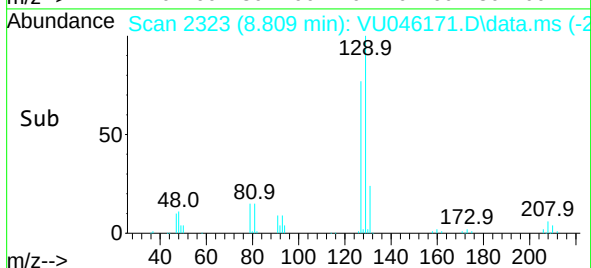
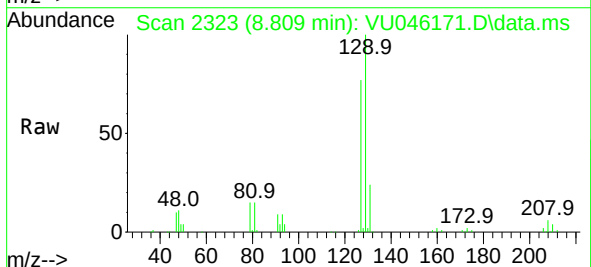


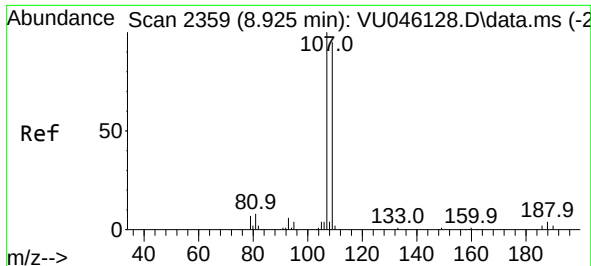
Tgt Ion: 43	Resp: 201212
Ion Ratio	Lower Upper
43 100	
58 61.1	47.4 71.2
57 21.6	16.6 25.0
100 15.2	11.4 17.2



#49
Dibromochloromethane
Concen: 51.537 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

Tgt Ion:129	Resp:	94792	
Ion	Ratio	Lower	Upper
129	100		
127	76.5	55.6	103.4

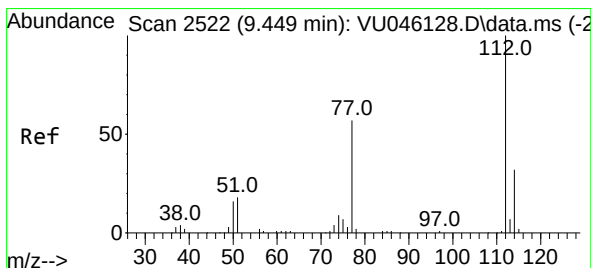
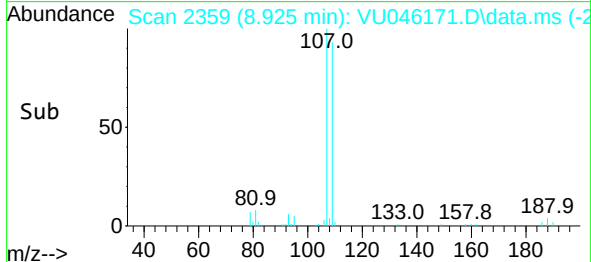
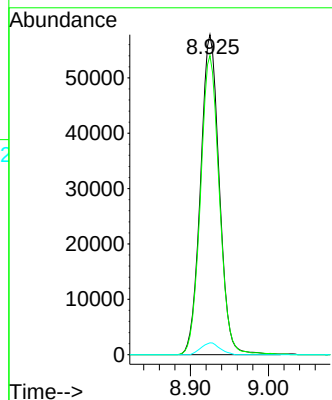
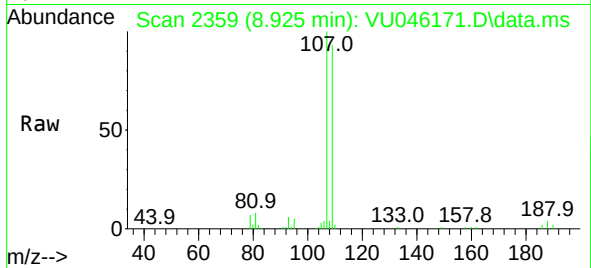




#50
1,2-Dibromoethane
Concen: 50.855 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

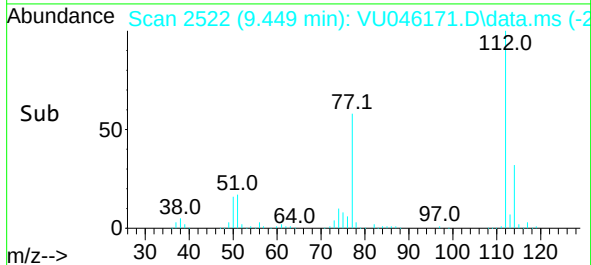
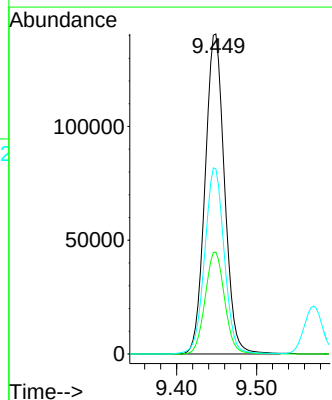
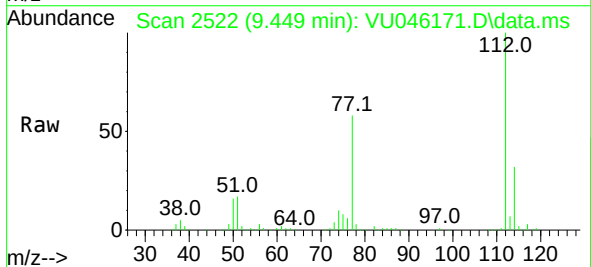
Instrument :
MSVOA_U
ClientSampleId :

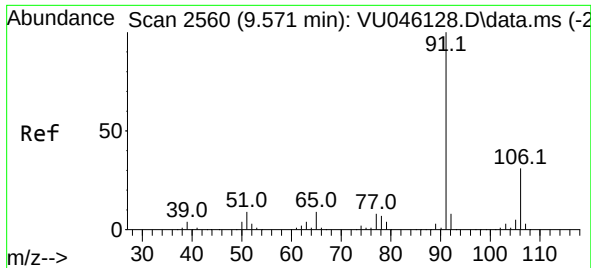
Tgt Ion:107 Resp: 96571
Ion Ratio Lower Upper
107 100
109 93.4 64.9 120.5
188 3.7 2.6 3.8



#51
Chlorobenzene
Concen: 51.392 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

Tgt Ion:112 Resp: 237769
Ion Ratio Lower Upper
112 100
114 31.9 22.2 41.2
77 57.9 47.4 71.0

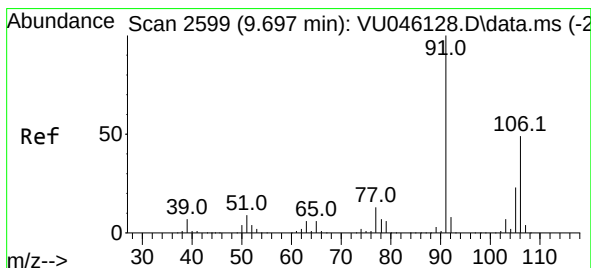
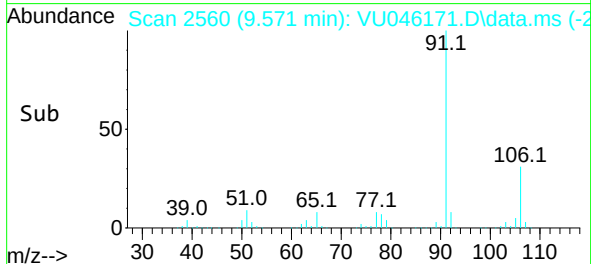
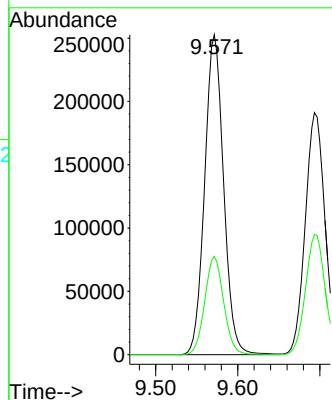
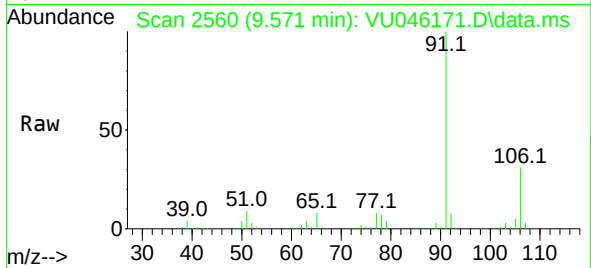




#52
Ethylbenzene
Concen: 52.595 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

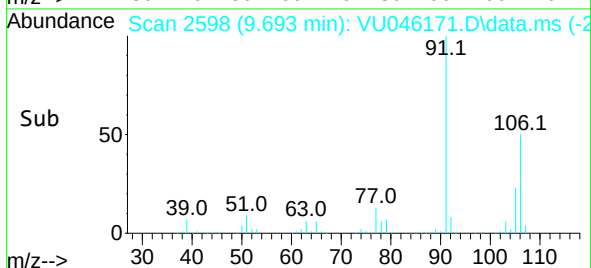
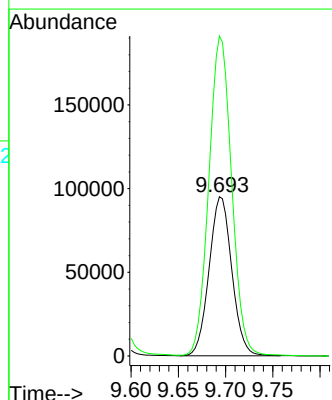
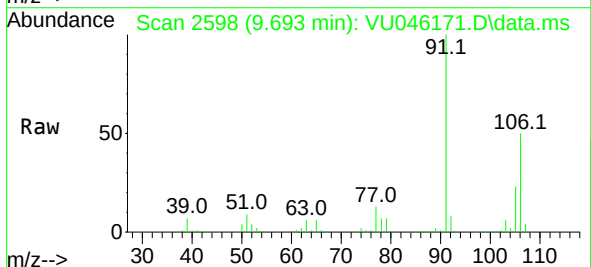
Instrument :
MSVOA_U
ClientSampleId :

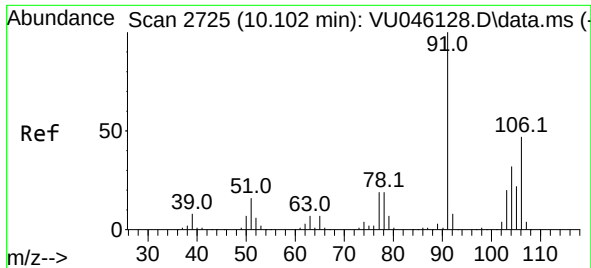
Tgt Ion: 91 Resp: 404788
Ion Ratio Lower Upper
91 100
106 30.7 21.1 39.3



#53
m,p-Xylene
Concen: 52.838 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

Tgt Ion: 106 Resp: 158591
Ion Ratio Lower Upper
106 100
91 201.1 144.3 268.1

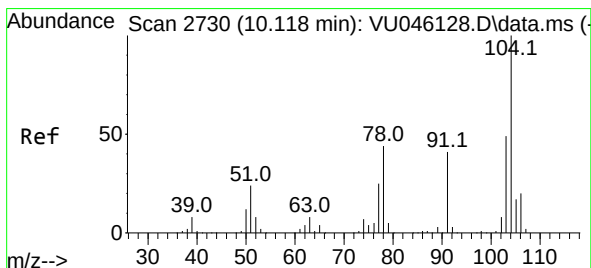
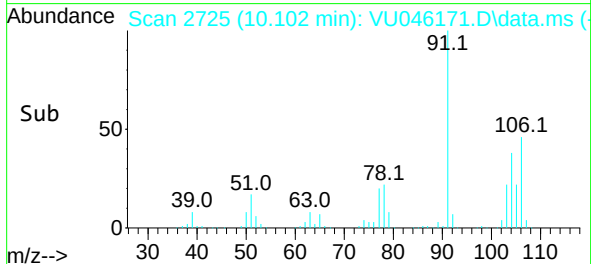
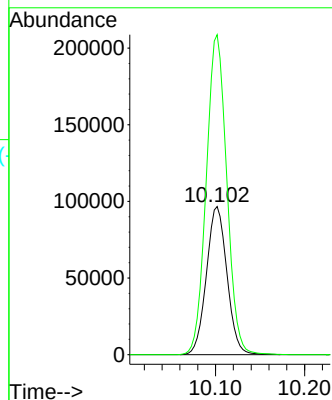
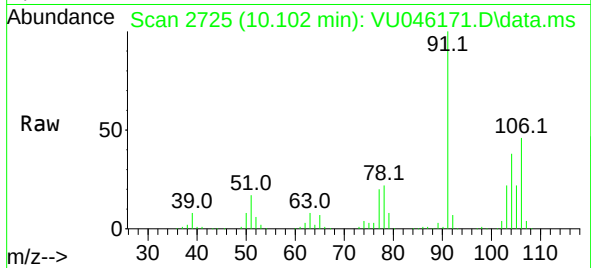




#54
o-xylene
Concen: 53.184 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

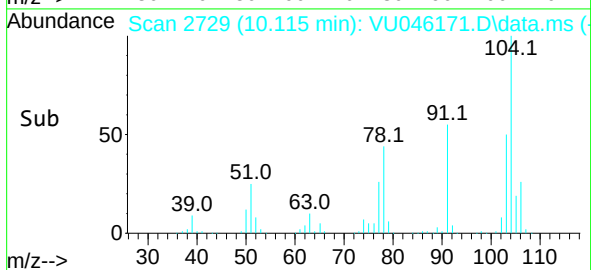
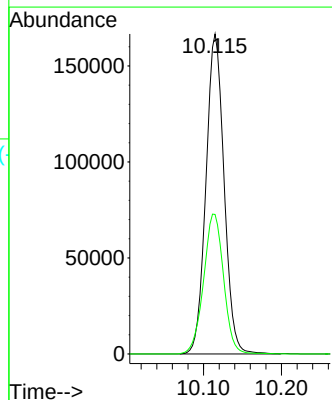
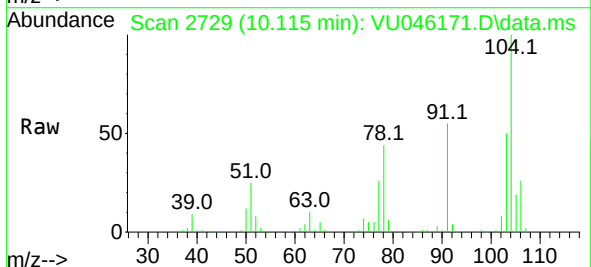
Instrument :
MSVOA_U
ClientSampleId :

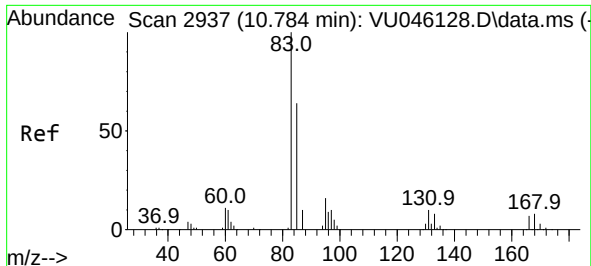
Tgt Ion:106 Resp: 154893
Ion Ratio Lower Upper
106 100
91 216.0 154.2 286.4



#55
Styrene
Concen: 54.051 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

Tgt Ion:104 Resp: 268760
Ion Ratio Lower Upper
104 100
78 43.6 32.6 60.5

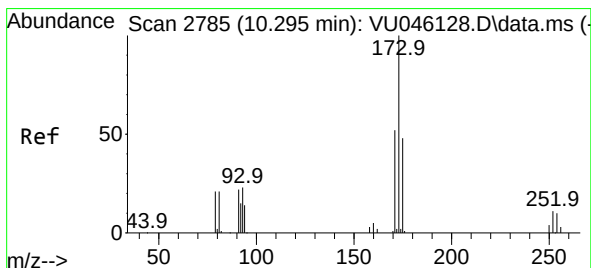
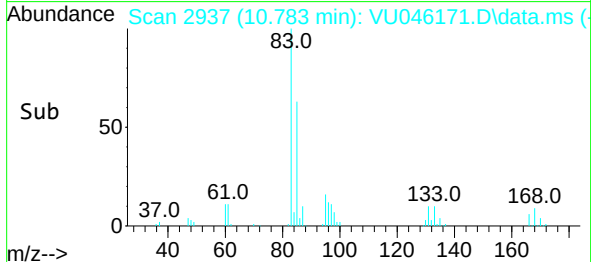
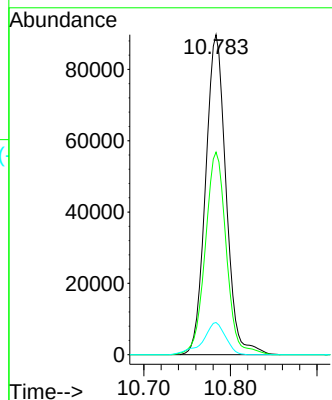
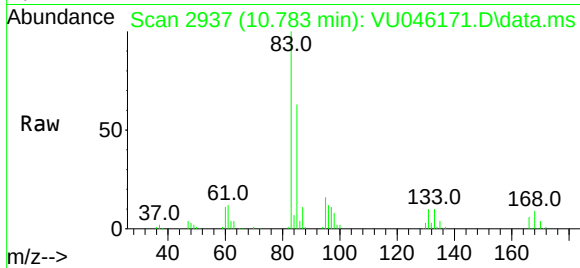




#57
1,1,2,2-Tetrachloroethane
Concen: 48.904 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

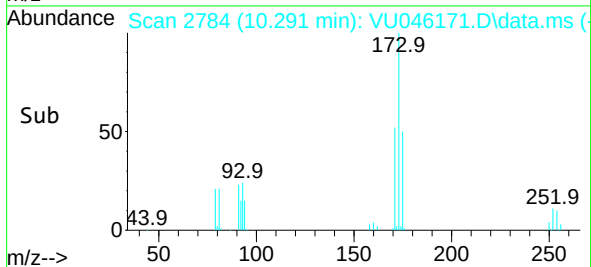
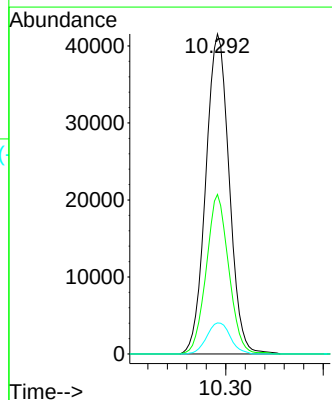
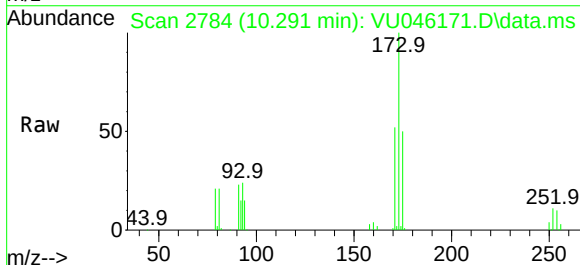
Instrument :
MSVOA_U
ClientSampleId :

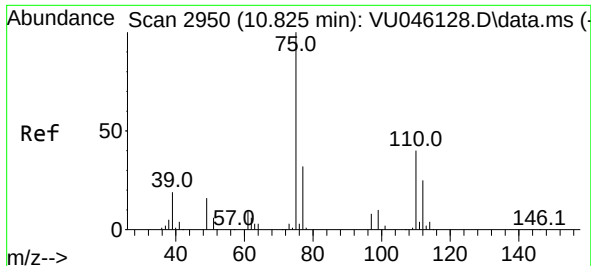
Tgt Ion: 83 Resp: 146853
Ion Ratio Lower Upper
83 100
85 63.3 45.6 84.6
131 10.0 7.8 11.6



#59
Bromoform
Concen: 48.402 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

Tgt Ion:173 Resp: 69216
Ion Ratio Lower Upper
173 100
175 47.7 39.2 58.8
254 9.8 7.4 11.2

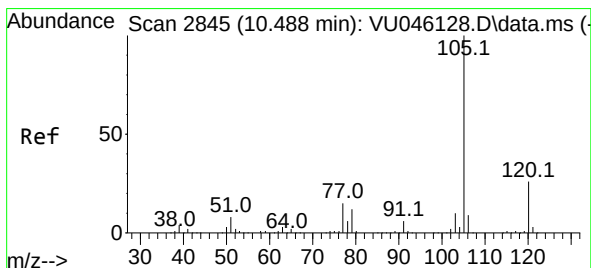
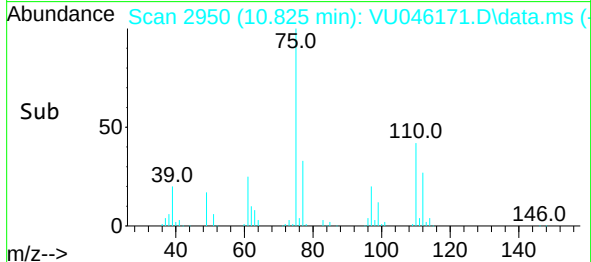
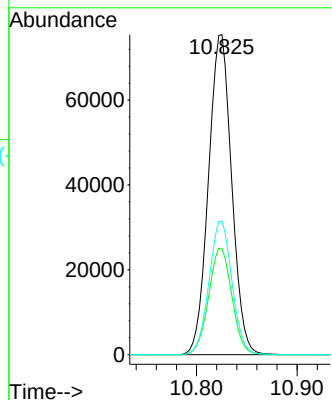
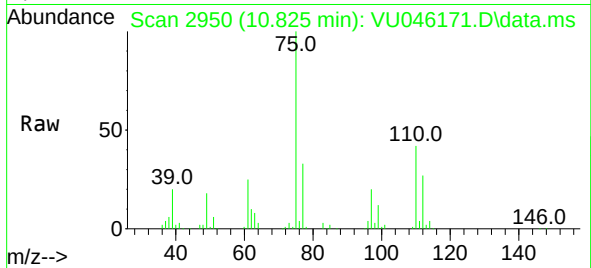




#60
1,2,3-Trichloropropane
Concen: 45.259 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

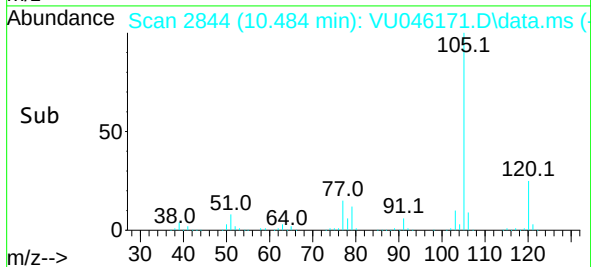
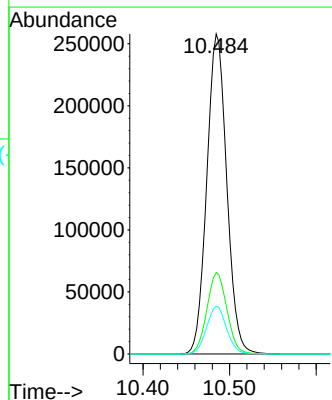
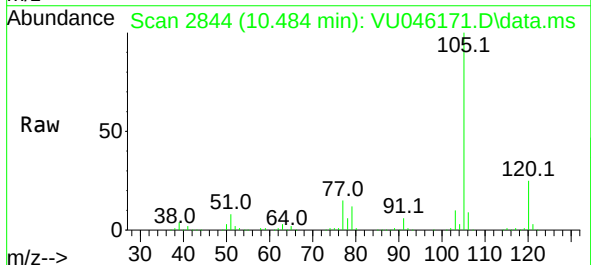
Instrument :
MSVOA_U
ClientSampleId :

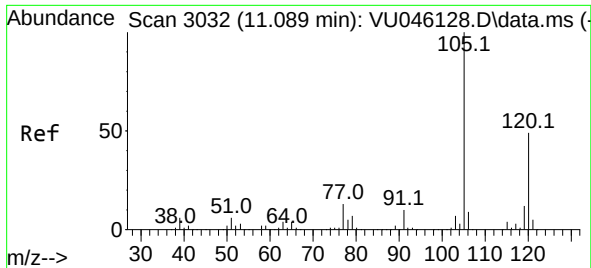
Tgt Ion: 75 Resp: 120939
Ion Ratio Lower Upper
75 100
77 33.4 26.4 39.6
110 41.3 32.4 48.6



#61
Isopropylbenzene
Concen: 51.961 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

Tgt Ion: 105 Resp: 412116
Ion Ratio Lower Upper
105 100
120 25.5 20.7 31.1
77 15.0 12.2 18.4





#62

1,3,5-Trimethylbenzene

Concen: 52.964 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.003 min

Lab File: VU046171.D

Acq: 07 Dec 2021 23:39

Instrument :

MSVOA_U

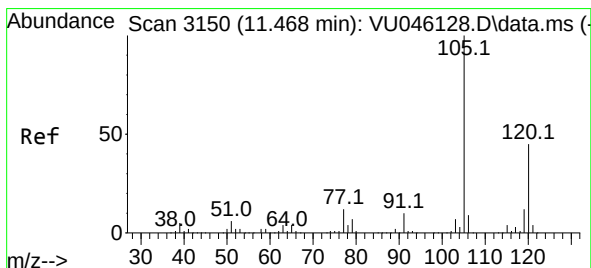
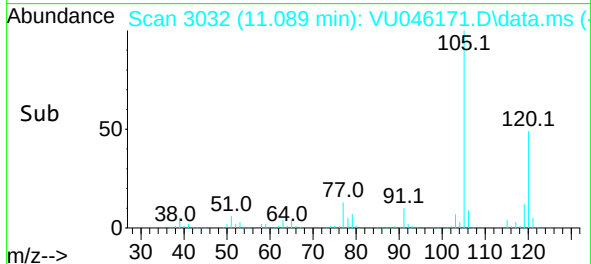
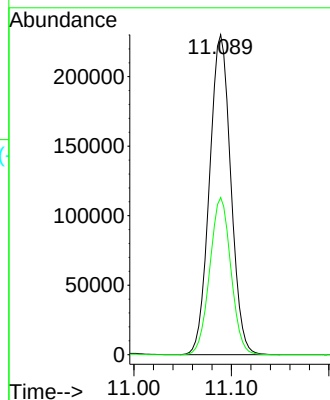
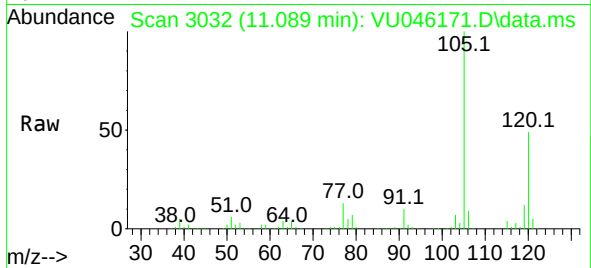
ClientSampleId :

Tgt Ion:105 Resp: 350136

Ion Ratio Lower Upper

105 100

120 48.5 37.8 56.6



#63

1,2,4-Trimethylbenzene

Concen: 53.277 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.003 min

Lab File: VU046171.D

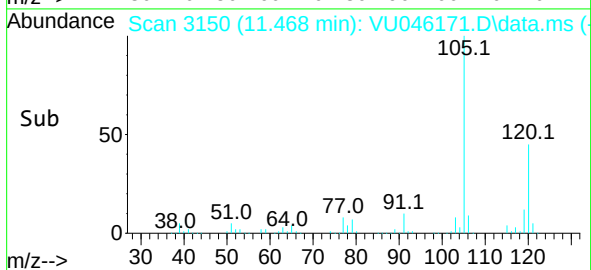
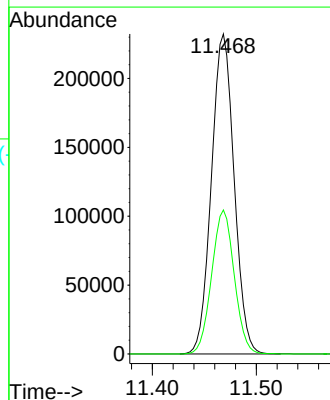
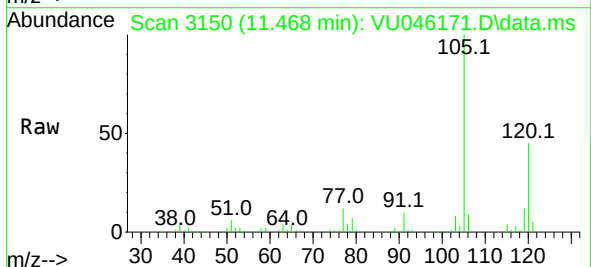
Acq: 07 Dec 2021 23:39

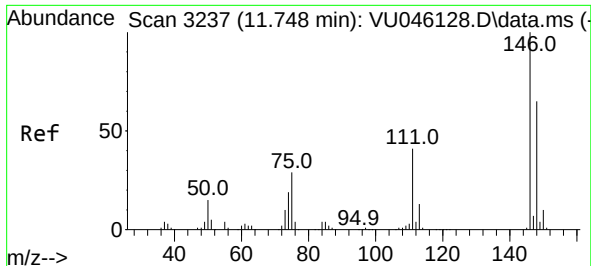
Tgt Ion:105 Resp: 352376

Ion Ratio Lower Upper

105 100

120 44.7 35.2 52.8

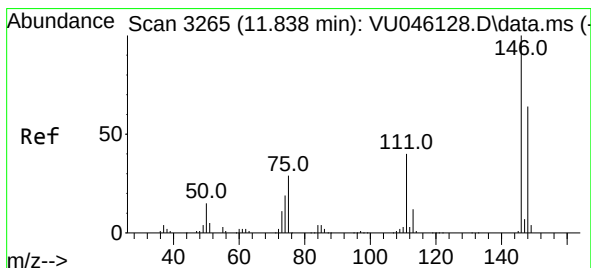
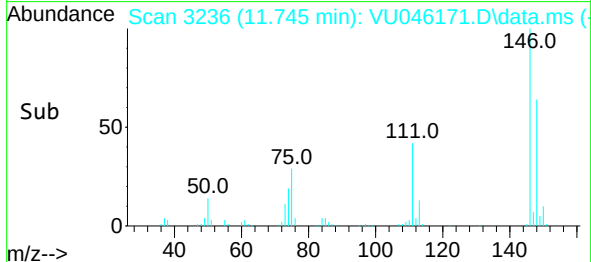
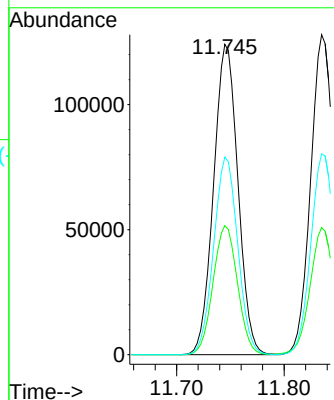
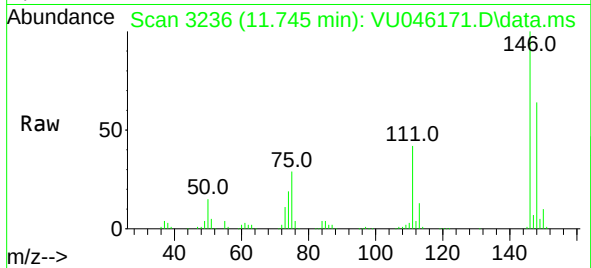




#64
1,3-Dichlorobenzene
Concen: 51.886 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

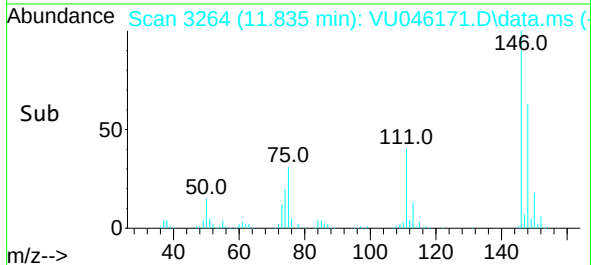
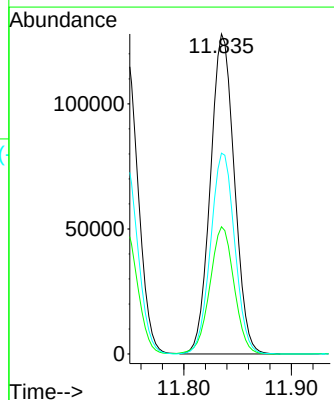
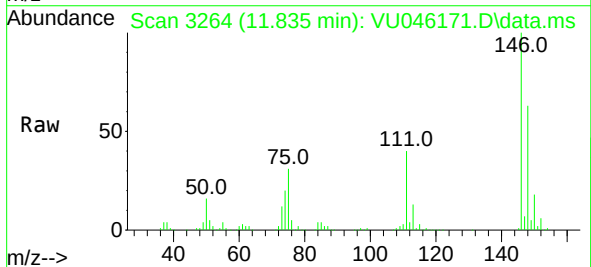
Instrument :
MSVOA_U
ClientSampleId :

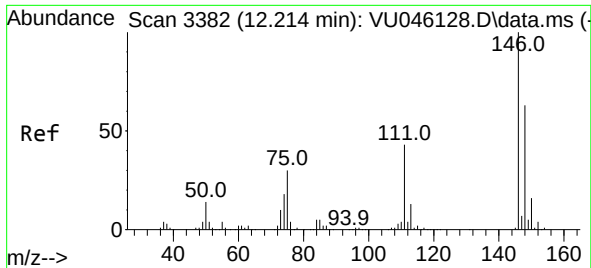
Tgt Ion:146 Resp: 195476
Ion Ratio Lower Upper
146 100
111 41.6 29.5 54.9
148 63.7 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 50.873 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

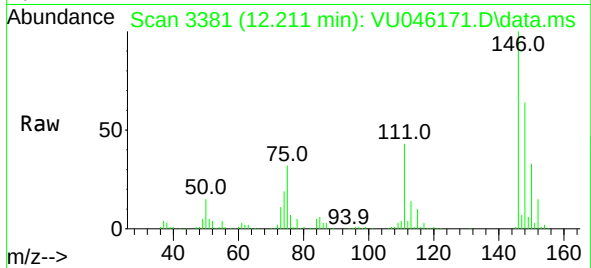
Tgt Ion:146 Resp: 198082
Ion Ratio Lower Upper
146 100
111 39.7 28.3 52.7
148 62.7 43.8 81.3



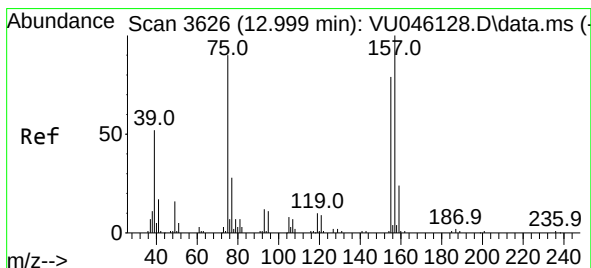
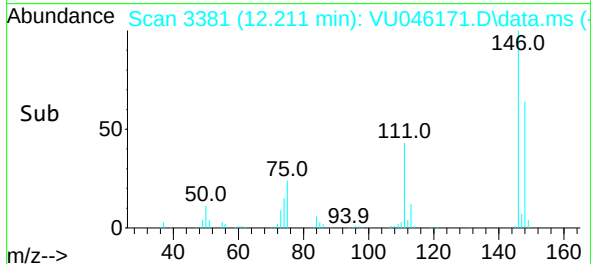
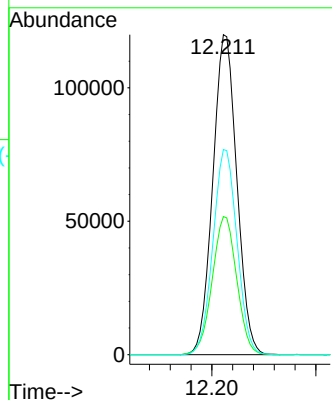


#67
1,2-Dichlorobenzene
Concen: 50.767 ug/L
RT: 12.211 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

Instrument :
MSVOA_U
ClientSampleId :

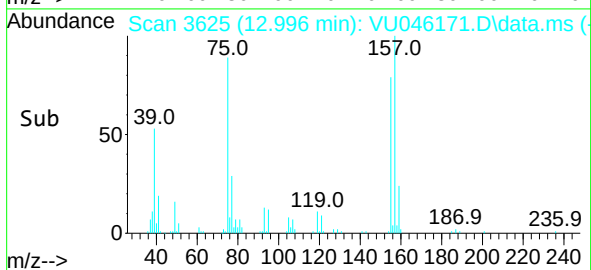
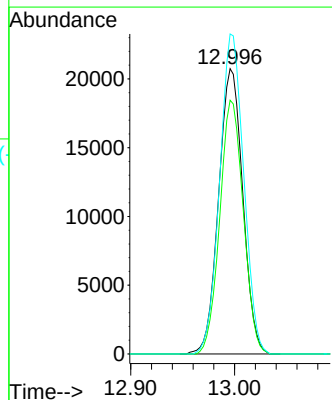
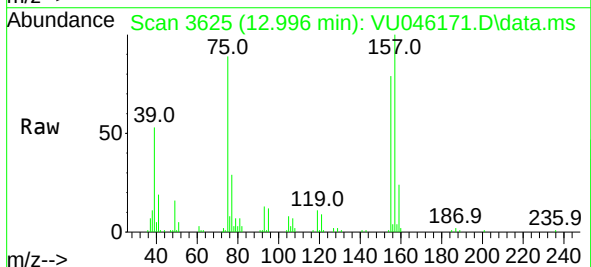


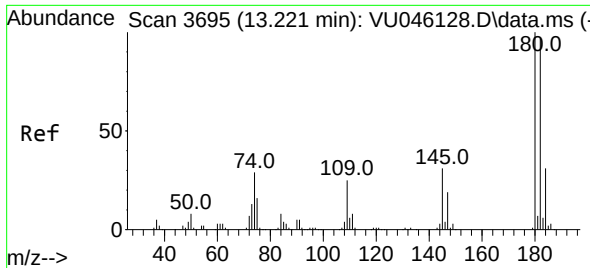
Tgt Ion:146 Resp: 192605
Ion Ratio Lower Upper
146 100
111 43.2 35.7 53.5
148 64.1 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 47.082 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. -0.003 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

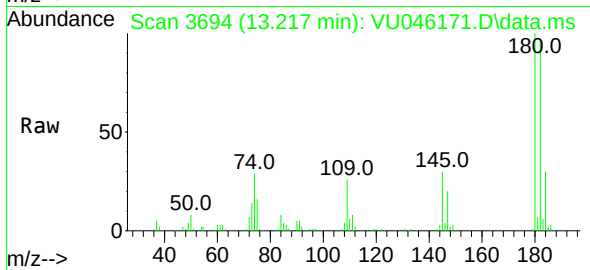
Tgt Ion: 75 Resp: 33516
Ion Ratio Lower Upper
75 100
155 88.9 64.9 97.3
157 112.1 81.9 122.9



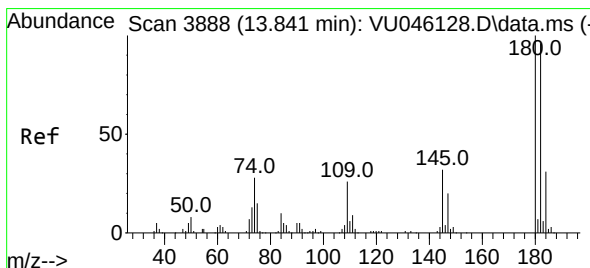
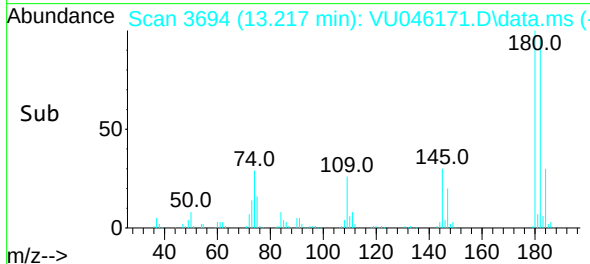
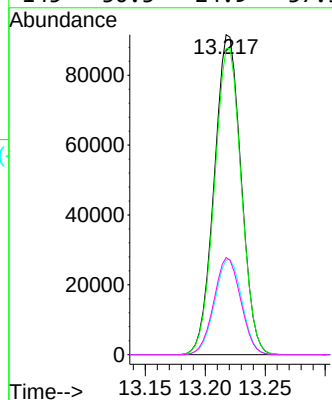


#69
1,3,5-Trichlorobenzene
Concen: 51.849 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. -0.003 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

Instrument :
MSVOA_U
ClientSampleId :

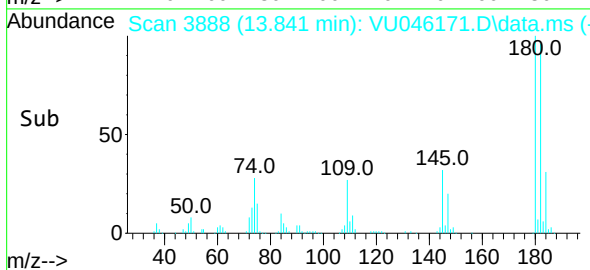
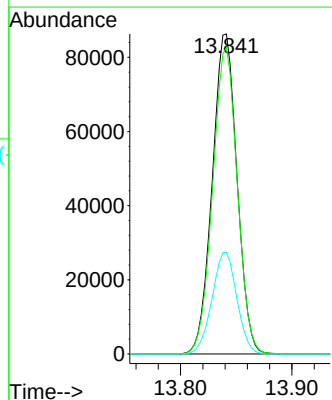
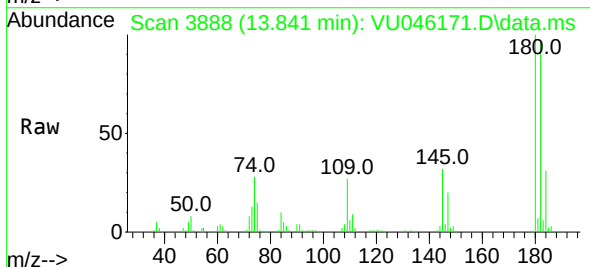


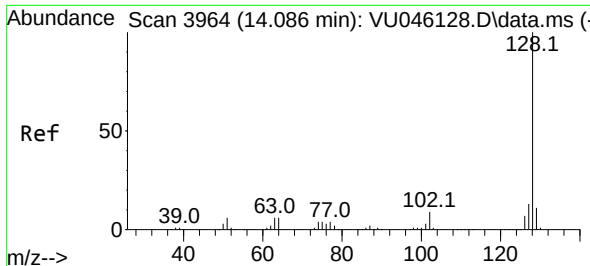
Tgt Ion:180 Resp: 142330
Ion Ratio Lower Upper
180 100
182 96.1 75.9 113.9
184 30.3 24.2 36.4
145 30.3 24.9 37.3



#70
1,2,4-trichlorobenzene
Concen: 54.669 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

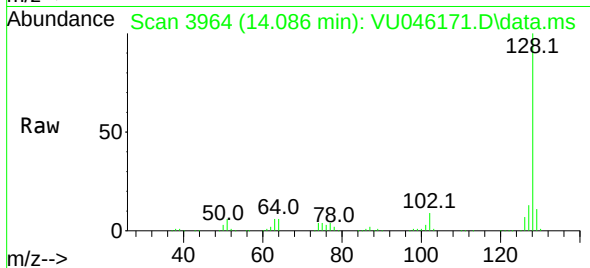
Tgt Ion:180 Resp: 133172
Ion Ratio Lower Upper
180 100
182 95.3 76.7 115.1
145 31.8 26.0 39.0



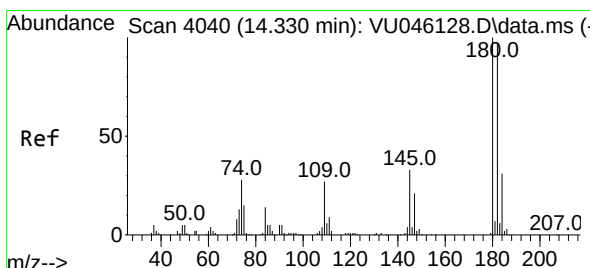
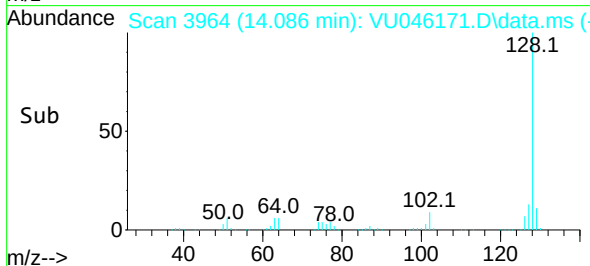
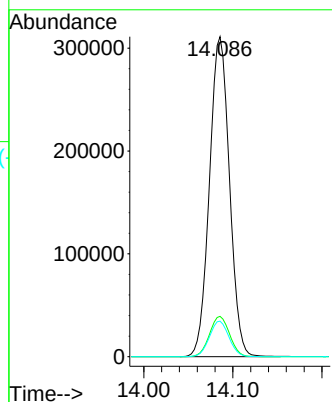


#71
Naphthalene
Concen: 57.209 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 484951
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 53.739 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU046171.D
Acq: 07 Dec 2021 23:39

Tgt Ion:180 Resp: 133492
Ion Ratio Lower Upper
180 100
182 94.6 76.0 114.0
145 33.2 27.3 40.9

