

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046206.D
 Acq On : 09 Dec 2021 03:04
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 04:38:25 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	6.253	114	212212	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	210059	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	114756	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	65307	37.359	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.720%
7) Chloroethane-d5	1.919	69	49232	36.681	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.360%
11) 1,1-Dichloroethene-d2	2.575	63	129177	41.163	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.320%
21) 2-Butanone-d5	4.636	46	128420	92.412	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.410%
24) Chloroform-d	5.067	84	135755	46.504	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.703	65	85017	43.395	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.800%
32) Benzene-d6	5.732	84	270010	44.847	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.700%
36) 1,2-Dichloropropane-d6	6.694	67	85273	45.701	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.400%
41) Toluene-d8	7.899	98	249561	45.526	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.060%
43) trans-1,3-Dichloroprop...	8.179	79	42557	47.247	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.500%
47) 2-Hexanone-d5	8.632	63	94139	106.408	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.410%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	133822	47.292	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.580%
66) 1,2-Dichlorobenzene-d4	12.192	152	105040	47.530	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	97770	42.346	ug/L	100
3) Chloromethane	1.523	50	83611	40.488	ug/L	99
5) Vinyl chloride	1.607	62	90144	43.292	ug/L	99
6) Bromomethane	1.864	94	54242	45.960	ug/L	98
8) Chloroethane	1.938	64	50463	41.857	ug/L	99
9) Trichlorofluoromethane	2.144	101	122988	45.241	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	75893	49.149	ug/L	96
12) 1,1-Dichloroethene	2.584	96	73541	50.119	ug/L	91
13) Acetone	2.655	43	90365	52.031	ug/L	96
14) Carbon disulfide	2.800	76	200008	43.934	ug/L	99
15) Methyl Acetate	2.957	43	95197	47.020	ug/L	96
16) Methylene chloride	3.051	84	85605	49.036	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	79336	51.092	ug/L	95
18) Methyl tert-butyl Ether	3.366	73	260628	54.462	ug/L	99
19) 1,1-Dichloroethane	3.877	63	141774	50.215	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	90574	53.756	ug/L	96
22) 2-Butanone	4.716	43	140817	74.481	ug/L	95
23) Bromochloromethane	4.977	128	45201	53.117	ug/L	91
25) Chloroform	5.092	83	154631	49.293	ug/L	98

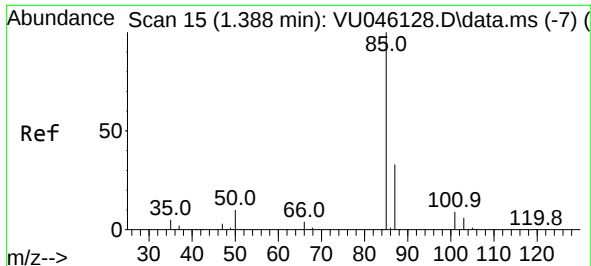
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046206.D
 Acq On : 09 Dec 2021 03:04
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 04:38:25 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

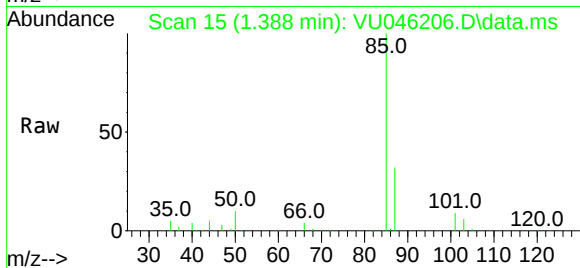
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	113301	48.673	ug/L	98
29) Cyclohexane	5.395	56	122554	50.104	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	134258	52.069	ug/L	98
31) Carbon tetrachloride	5.530	117	113045	51.642	ug/L	98
33) Benzene	5.777	78	326355	51.332	ug/L	100
34) Trichloroethene	6.546	95	87765	52.401	ug/L	98
35) Methylcyclohexane	6.764	83	125932	48.492	ug/L	98
37) 1,2-Dichloropropane	6.793	63	84009	50.443	ug/L	100
38) Bromodichloromethane	7.108	83	113746	51.384	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	136528	53.886	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	254967	104.198	ug/L	97
42) Toluene	7.970	91	360809	52.889	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	130130	52.294	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	87824	52.562	ug/L	100
46) Tetrachloroethene	8.555	164	65988	53.612	ug/L	95
48) 2-Hexanone	8.684	43	204036	93.237	ug/L	97
49) Dibromochloromethane	8.812	129	94706	53.976	ug/L	97
50) 1,2-Dibromoethane	8.925	107	96345	53.185	ug/L	98
51) Chlorobenzene	9.446	112	235170	53.284	ug/L	98
52) Ethylbenzene	9.571	91	399251	54.380	ug/L	99
53) m,p-Xylene	9.693	106	157334	54.950	ug/L	96
54) o-xylene	10.102	106	153813	55.363	ug/L	96
55) Styrene	10.115	104	264663	55.797	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	148727	51.919	ug/L	99
59) Bromoform	10.291	173	70516	52.381	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	122957	48.879	ug/L	99
61) Isopropylbenzene	10.484	105	409145	54.798	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	346852	55.733	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	348386	55.953	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	193233	54.483	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	196548	53.621	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	192847	53.994	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	34682	51.753	ug/L	92
69) 1,3,5-Trichlorobenzene	13.217	180	138431	53.567	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	131351	57.278	ug/L	99
71) Naphthalene	14.085	128	493900	61.892	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	132149	56.510	ug/L	99

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

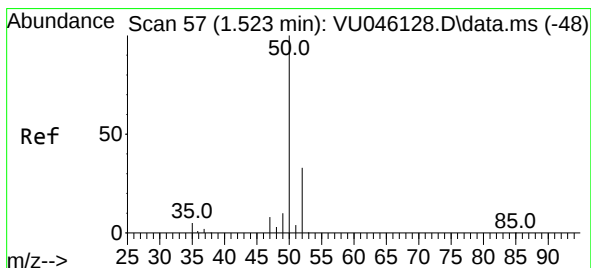
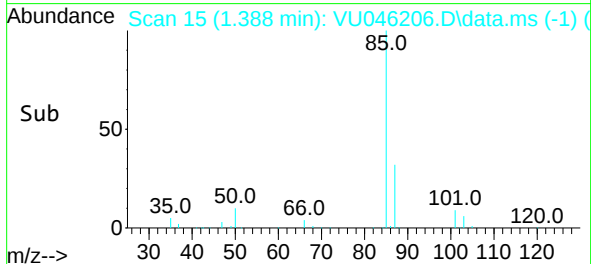
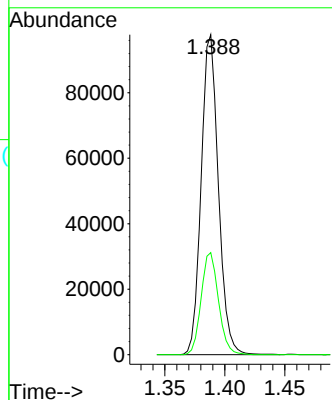


#2
Dichlorodifluoromethane
Concen: 42.346 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU046206.D
Acq: 09 Dec 2021 03:04

Instrument :
MSVOA_U
ClientSampleId :

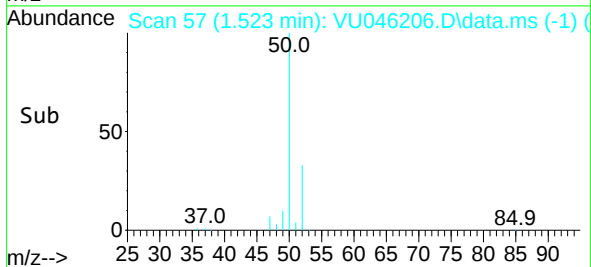
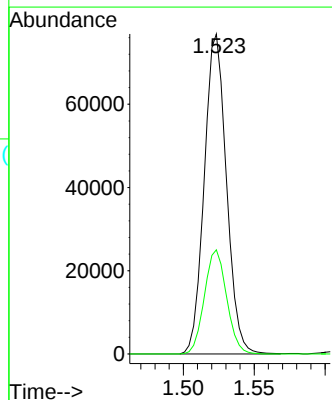
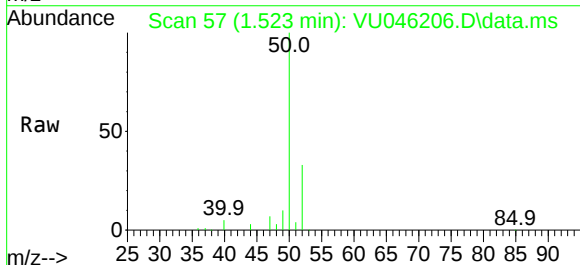


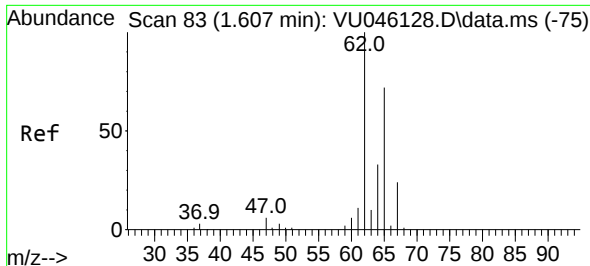
Tgt Ion: 85 Resp: 97770
Ion Ratio Lower Upper
85 100
87 32.1 25.7 38.5



#3
Chloromethane
Concen: 40.488 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU046206.D
Acq: 09 Dec 2021 03:04

Tgt Ion: 50 Resp: 83611
Ion Ratio Lower Upper
50 100
52 32.5 23.2 43.2

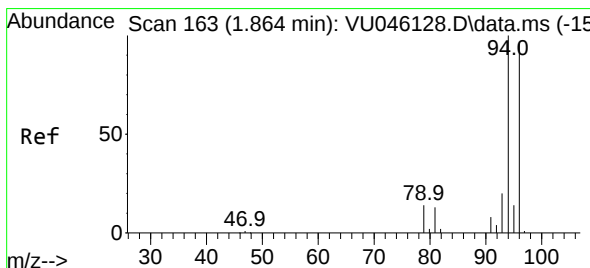
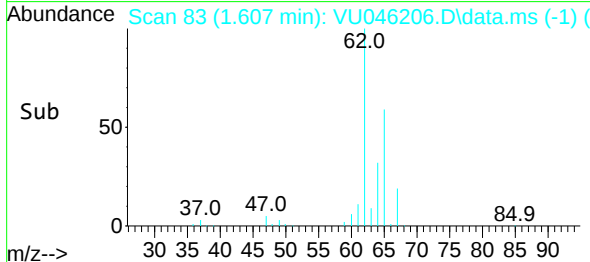
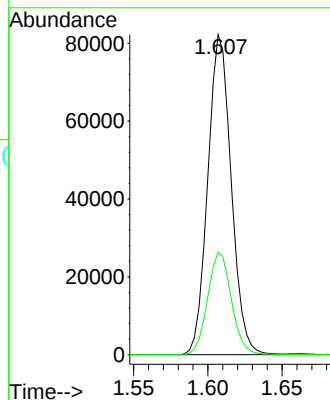
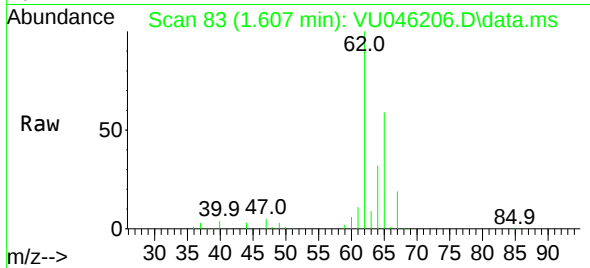




#5
 Vinyl chloride
 Concen: 43.292 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU046206.D
 Acq: 09 Dec 2021 03:04

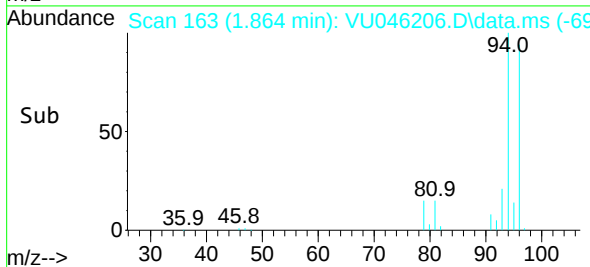
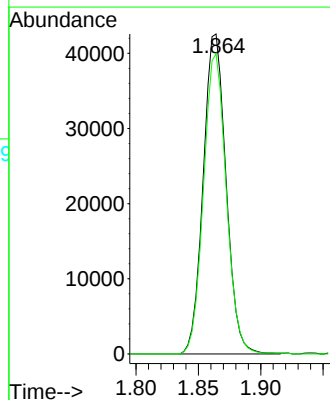
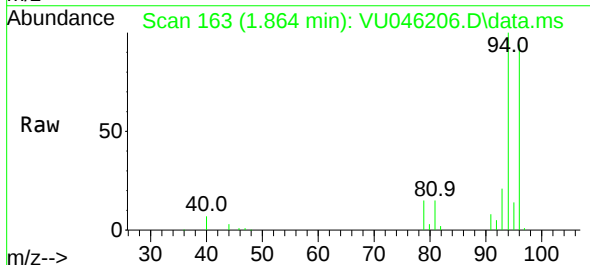
Instrument :
 MSVOA_U
 ClientSampleId :

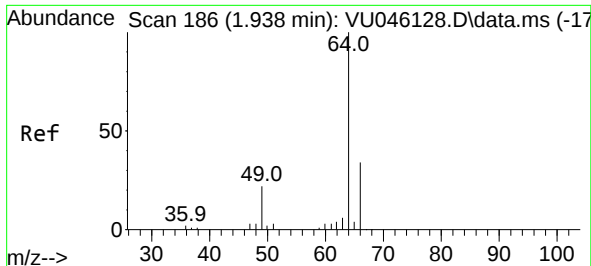
Tgt Ion: 62 Resp: 90144
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.9 42.5



#6
 Bromomethane
 Concen: 45.960 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU046206.D
 Acq: 09 Dec 2021 03:04

Tgt Ion: 94 Resp: 54242
 Ion Ratio Lower Upper
 94 100
 96 93.9 67.4 125.2

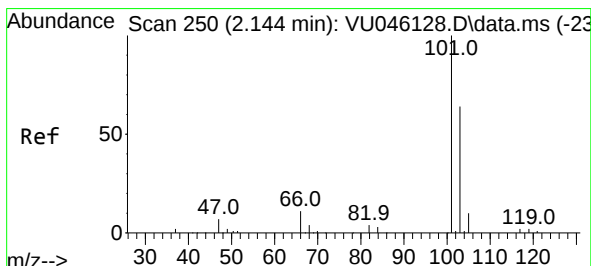
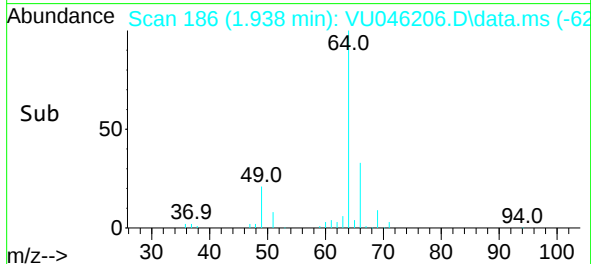
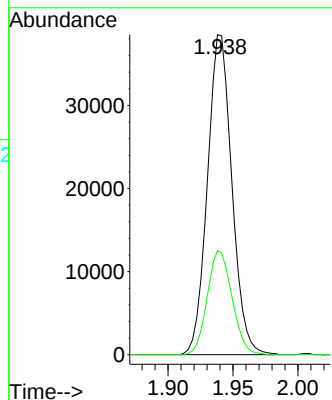
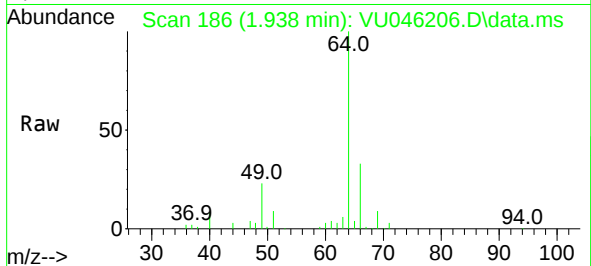




#8
Chloroethane
Concen: 41.857 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046206.D
Acq: 09 Dec 2021 03:04

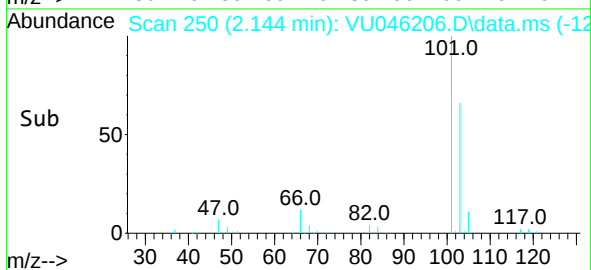
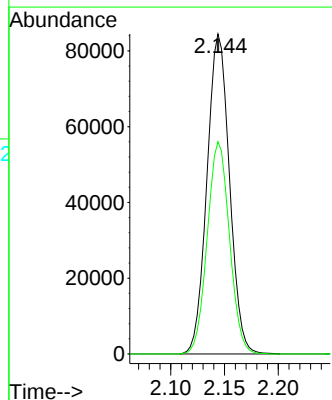
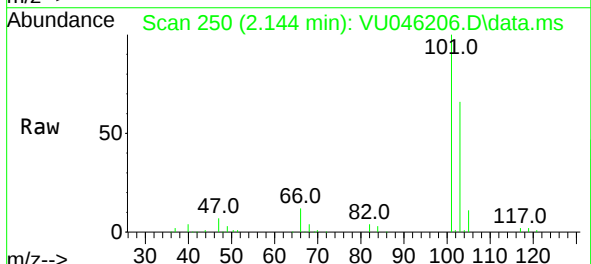
Instrument :
MSVOA_U
ClientSampleId :

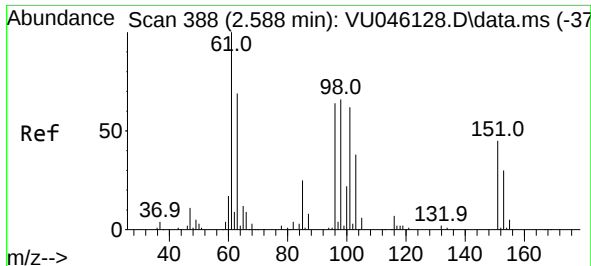
Tgt Ion: 64 Resp: 50463
Ion Ratio Lower Upper
64 100
66 32.6 22.5 41.9



#9
Trichlorofluoromethane
Concen: 45.241 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU046206.D
Acq: 09 Dec 2021 03:04

Tgt Ion:101 Resp: 122988
Ion Ratio Lower Upper
101 100
103 65.5 51.8 77.6

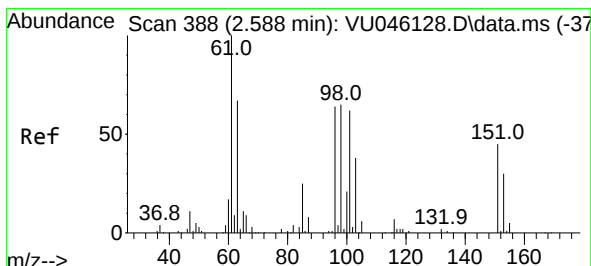
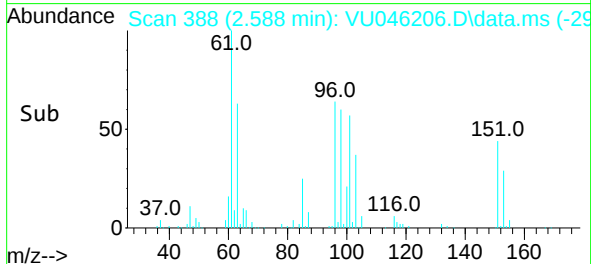
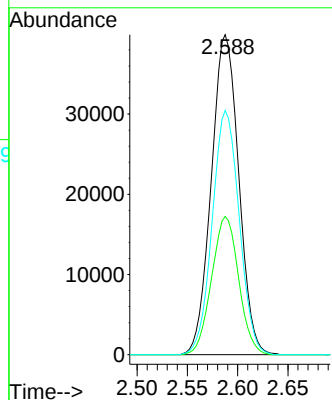
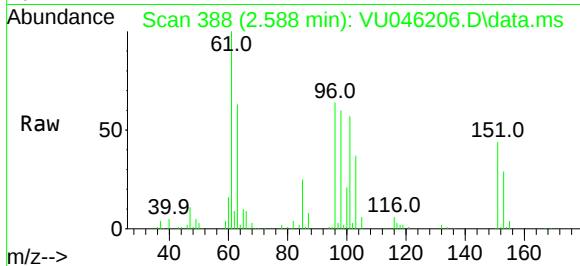




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.149 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU046206.D
 Acq: 09 Dec 2021 03:04

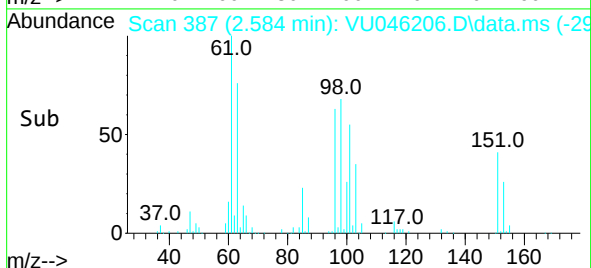
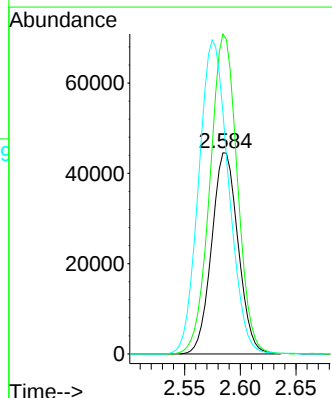
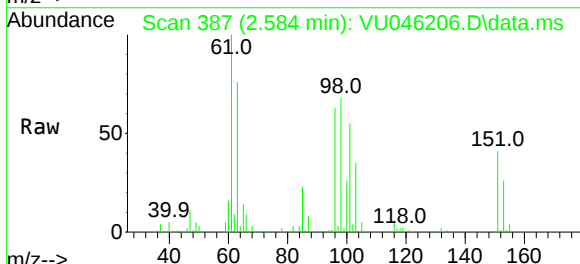
Instrument :
 MSVOA_U
 ClientSampleId :

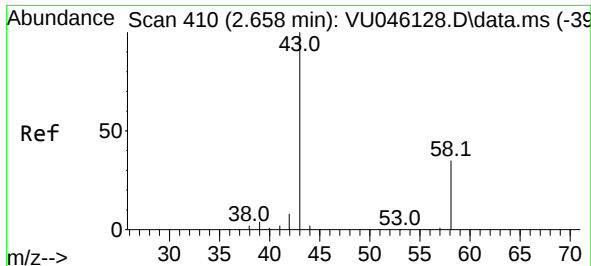
Tgt Ion:101 Resp: 75893
 Ion Ratio Lower Upper
 101 100
 85 42.5 35.1 52.7
 151 75.1 56.7 85.1



#12
 1,1-Dichloroethene
 Concen: 50.119 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU046206.D
 Acq: 09 Dec 2021 03:04

Tgt Ion: 96 Resp: 73541
 Ion Ratio Lower Upper
 96 100
 61 159.1 118.6 220.2
 63 120.4 93.0 172.8





#13

Acetone

Concen: 52.031 ug/L

RT: 2.655 min Scan# 410

Delta R.T. -0.007 min

Lab File: VU046206.D

Acq: 09 Dec 2021 03:04

Instrument :

MSVOA_U

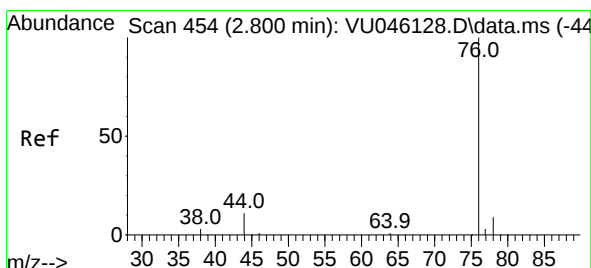
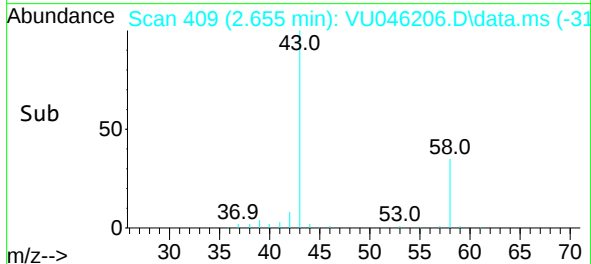
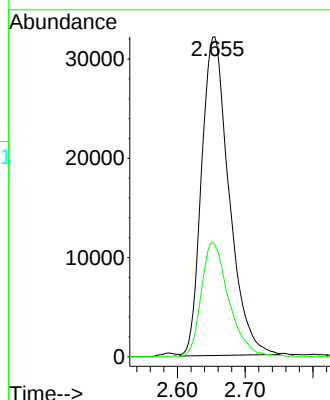
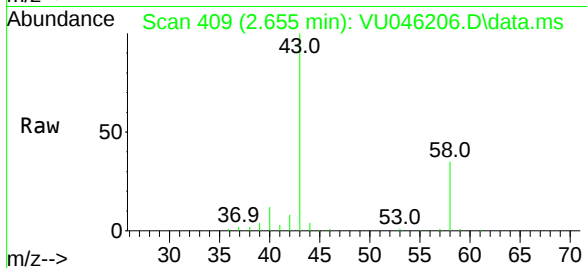
ClientSampleId :

Tgt Ion: 43 Resp: 90365

Ion Ratio Lower Upper

43 100

58 35.9 0.0 66.8



#14

Carbon disulfide

Concen: 43.934 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU046206.D

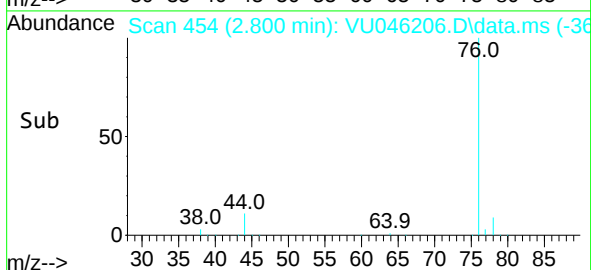
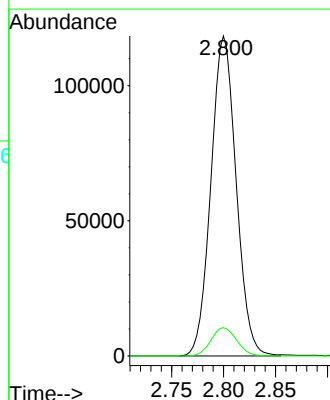
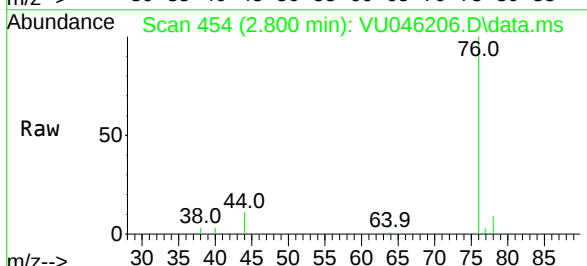
Acq: 09 Dec 2021 03:04

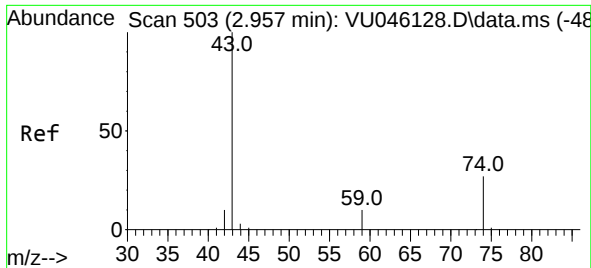
Tgt Ion: 76 Resp: 200008

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

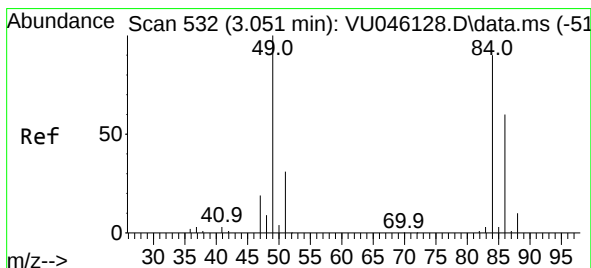
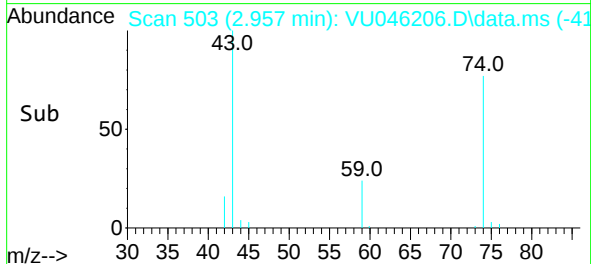
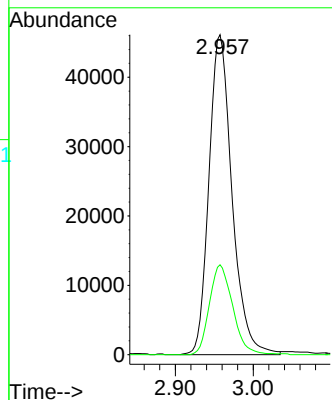
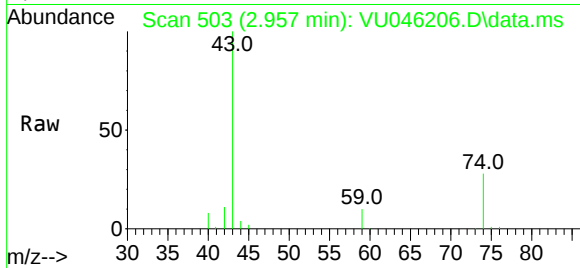




#15
Methyl Acetate
Concen: 47.020 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.003 min
Lab File: VU046206.D
Acq: 09 Dec 2021 03:04

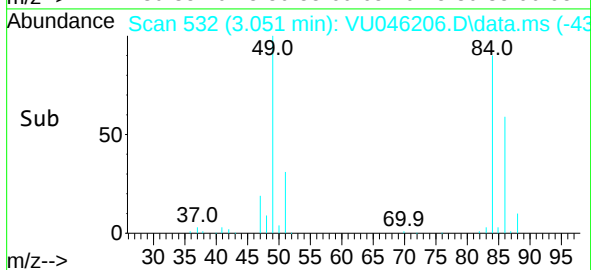
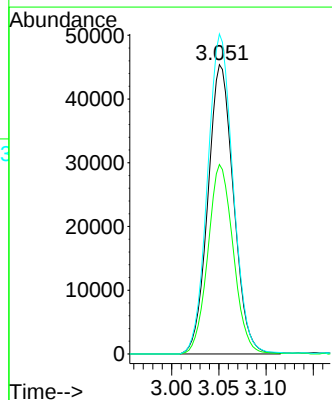
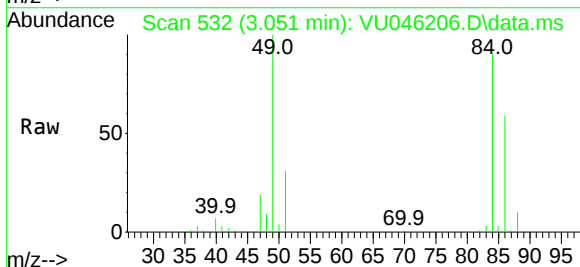
Instrument :
MSVOA_U
ClientSampleId :

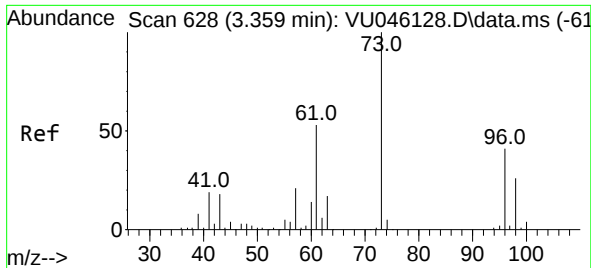
Tgt Ion: 43 Resp: 95197
Ion Ratio Lower Upper
43 100
74 28.3 20.8 31.2



#16
Methylene chloride
Concen: 49.036 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU046206.D
Acq: 09 Dec 2021 03:04

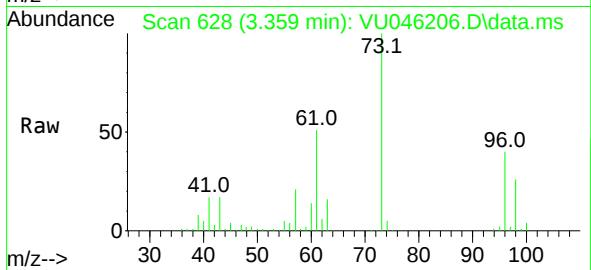
Tgt Ion: 84 Resp: 85605
Ion Ratio Lower Upper
84 100
86 65.5 44.7 83.1
49 110.6 78.4 145.6



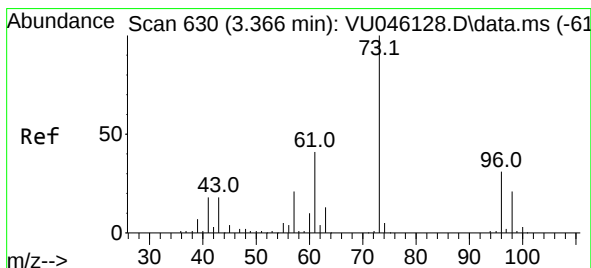
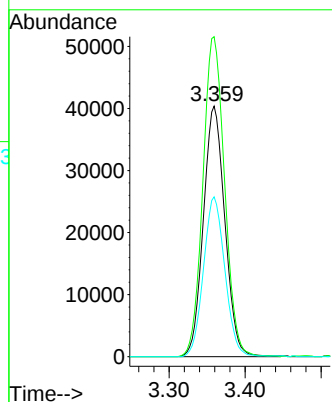
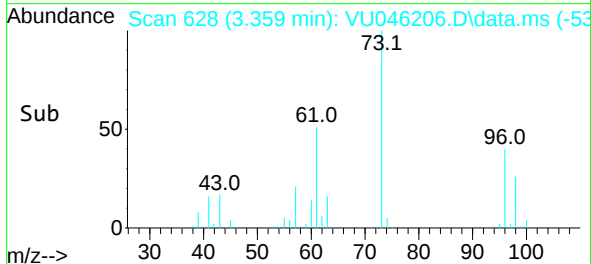


#17
trans-1,2-Dichloroethene
Concen: 51.092 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU046206.D
Acq: 09 Dec 2021 03:04

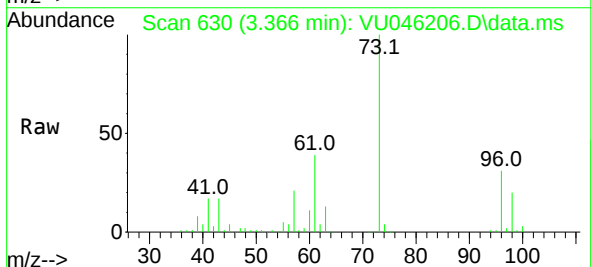
Instrument :
MSVOA_U
ClientSampleId :



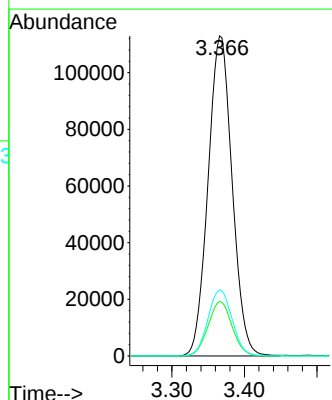
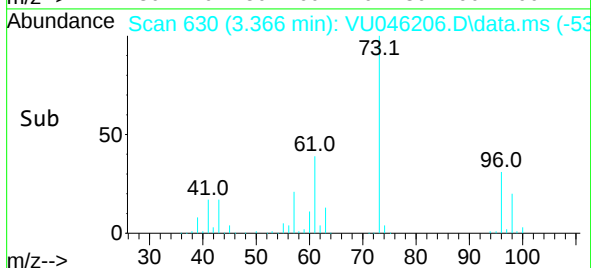
Tgt Ion: 96 Resp: 79336
Ion Ratio Lower Upper
96 100
61 127.7 94.6 175.6
98 63.8 44.0 81.8

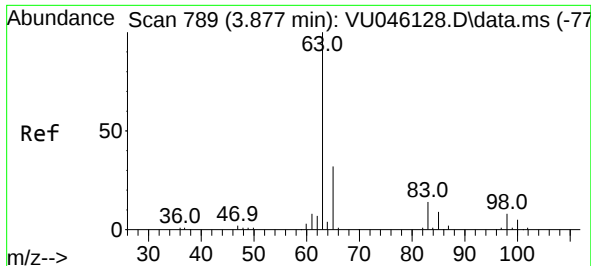


#18
Methyl tert-butyl Ether
Concen: 54.462 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.003 min
Lab File: VU046206.D
Acq: 09 Dec 2021 03:04



Tgt Ion: 73 Resp: 260628
Ion Ratio Lower Upper
73 100
43 17.0 14.0 21.0
57 20.8 17.0 25.4





#19

1,1-Dichloroethane

Concen: 50.215 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU046206.D

Acq: 09 Dec 2021 03:04

Instrument :

MSVOA_U

ClientSampleId :

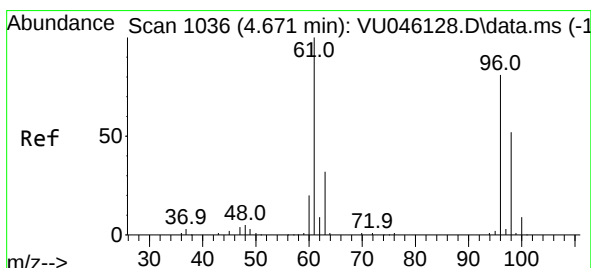
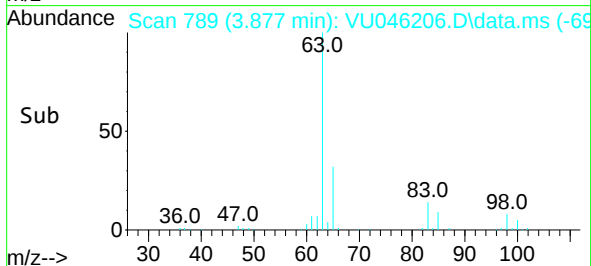
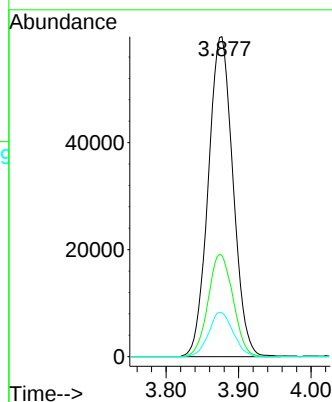
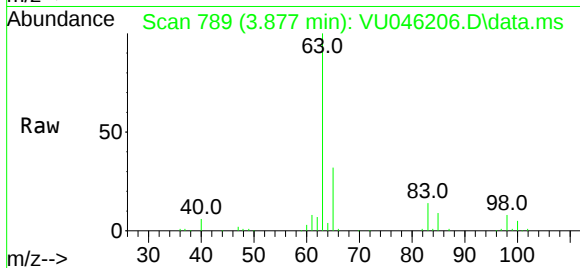
Tgt Ion: 63 Resp: 141774

Ion Ratio Lower Upper

63 100

65 31.6 22.8 42.4

83 13.7 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 53.756 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU046206.D

Acq: 09 Dec 2021 03:04

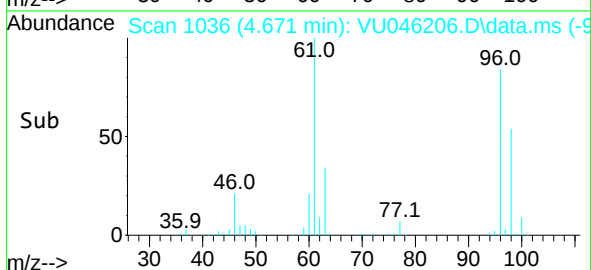
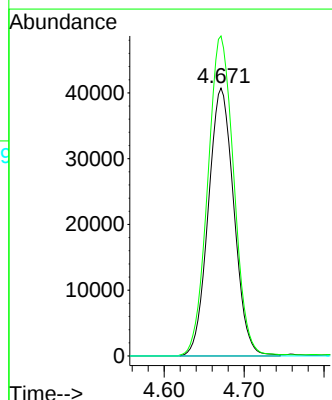
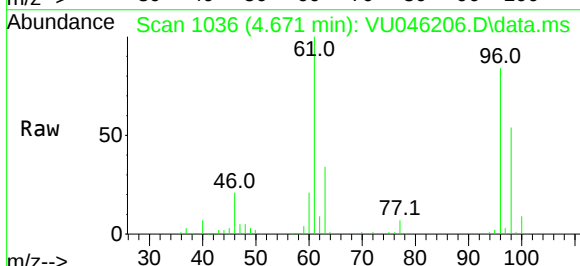
Tgt Ion: 96 Resp: 90574

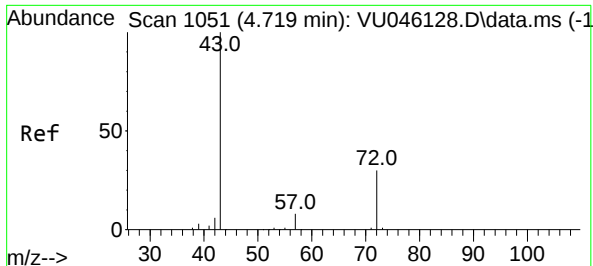
Ion Ratio Lower Upper

96 100

61 119.4 86.8 161.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 74.481 ug/L

RT: 4.716 min Scan# 11050

Delta R.T. -0.007 min

Lab File: VU046206.D

Acq: 09 Dec 2021 03:04

Instrument :

MSVOA_U

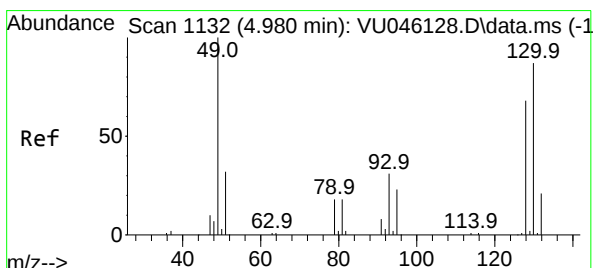
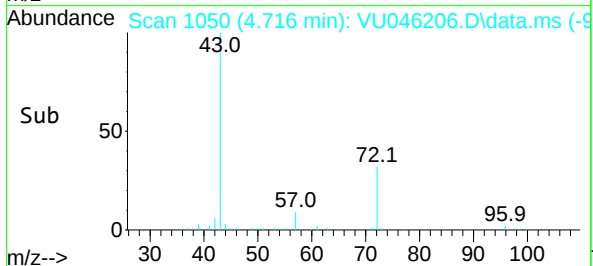
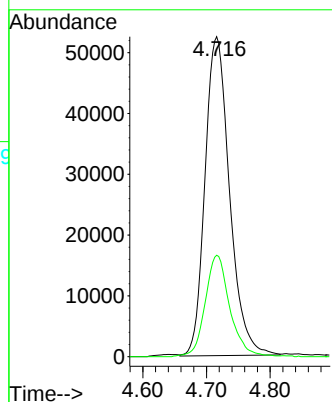
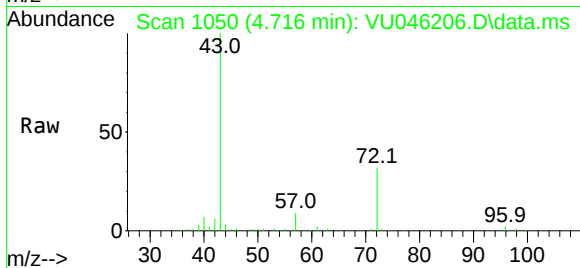
ClientSampleId :

Tgt Ion: 43 Resp: 140817

Ion Ratio Lower Upper

43 100

72 31.7 14.5 43.6



#23

Bromochloromethane

Concen: 53.117 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VU046206.D

Acq: 09 Dec 2021 03:04

Tgt Ion:128 Resp: 45201

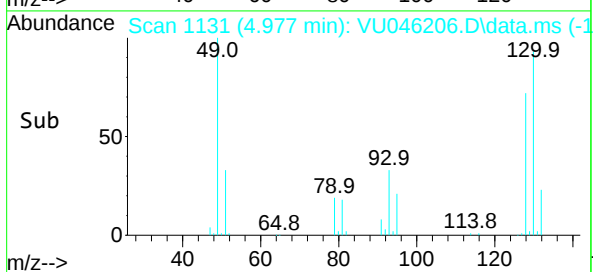
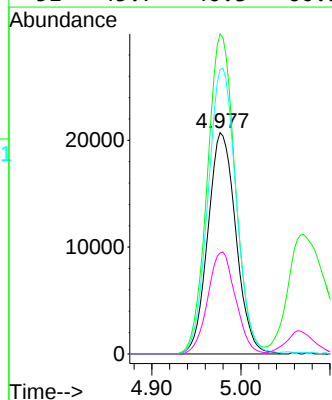
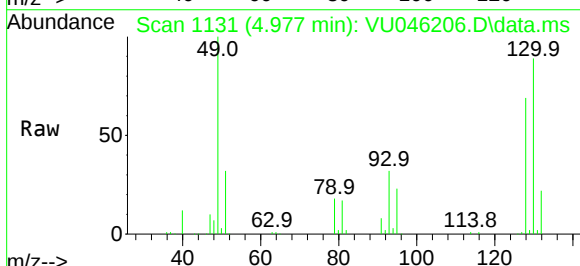
Ion Ratio Lower Upper

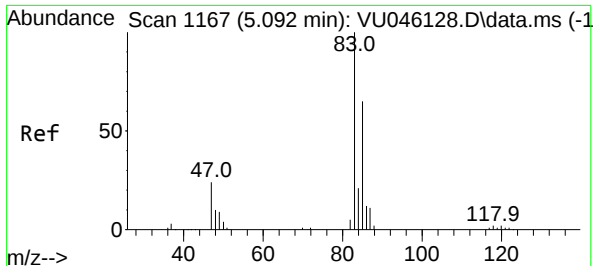
128 100

49 144.7 115.9 215.3

130 128.5 91.8 170.4

51 45.7 40.3 60.5





#25

Chloroform

Concen: 49.293 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU046206.D

Acq: 09 Dec 2021 03:04

Instrument :

MSVOA_U

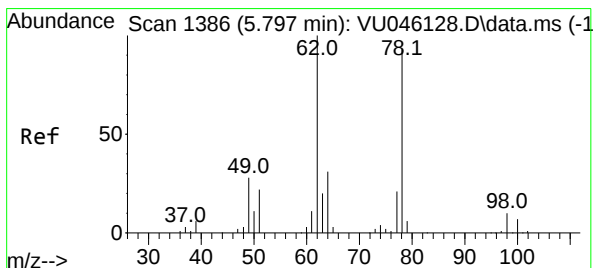
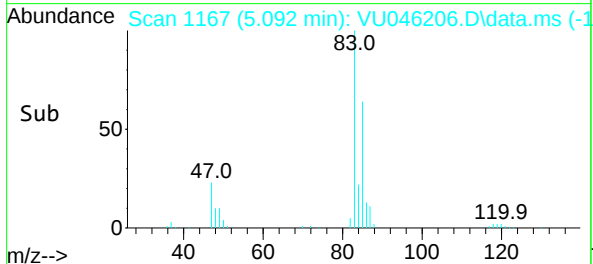
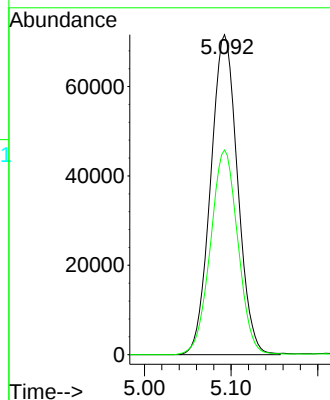
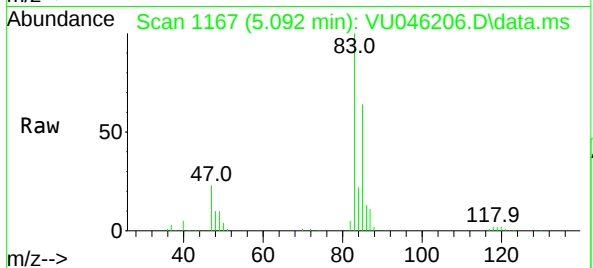
ClientSampleId :

Tgt Ion: 83 Resp: 154631

Ion Ratio Lower Upper

83 100

85 63.9 45.8 85.2



#27

1,2-Dichloroethane

Concen: 48.673 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU046206.D

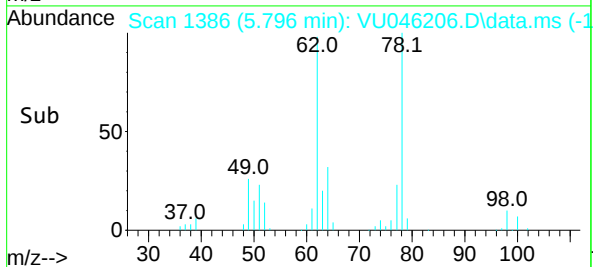
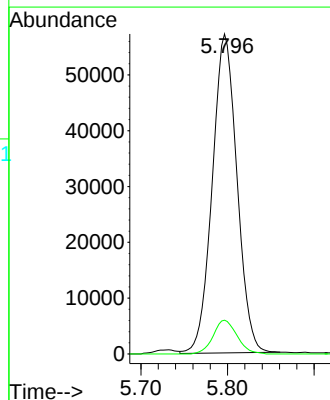
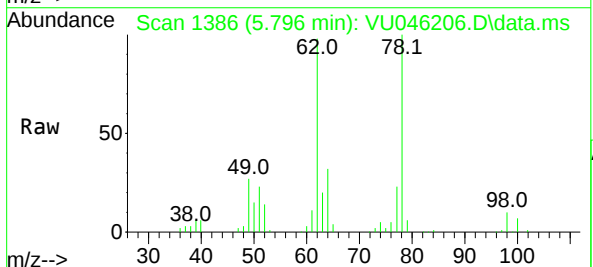
Acq: 09 Dec 2021 03:04

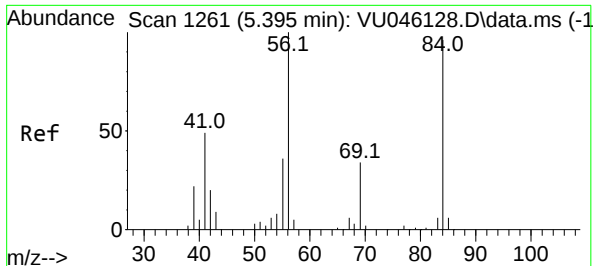
Tgt Ion: 62 Resp: 113301

Ion Ratio Lower Upper

62 100

98 10.6 7.9 11.9





#29

Cyclohexane

Concen: 50.104 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU046206.D

Acq: 09 Dec 2021 03:04

Instrument :

MSVOA_U

ClientSampleId :

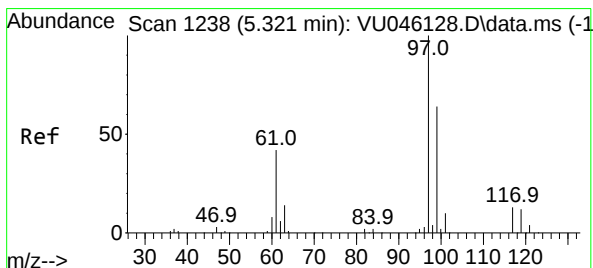
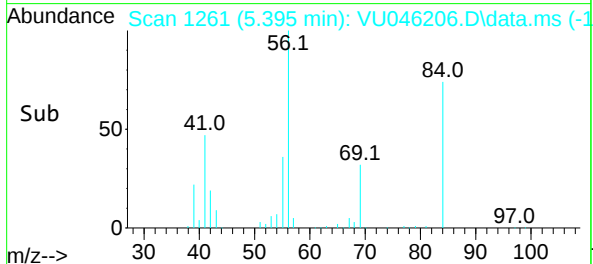
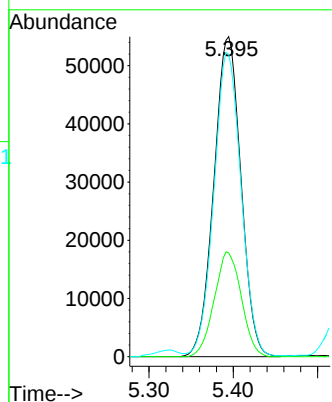
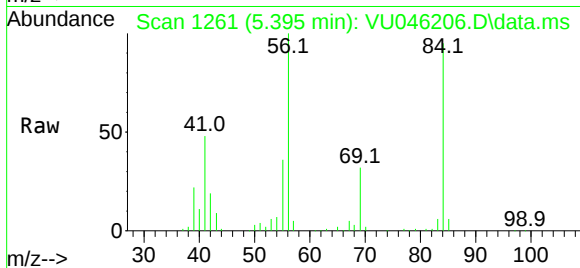
Tgt Ion: 56 Resp: 122554

Ion Ratio Lower Upper

56 100

69 32.7 25.2 37.8

84 95.6 73.3 109.9



#30

1,1,1-Trichloroethane

Concen: 52.069 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU046206.D

Acq: 09 Dec 2021 03:04

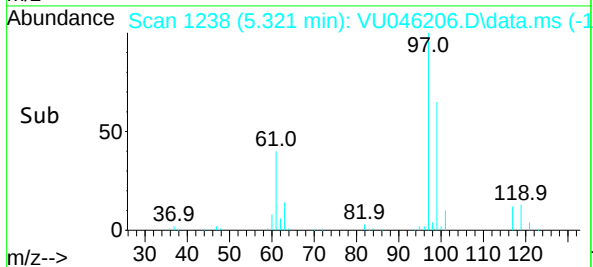
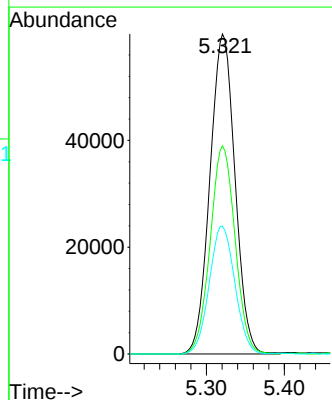
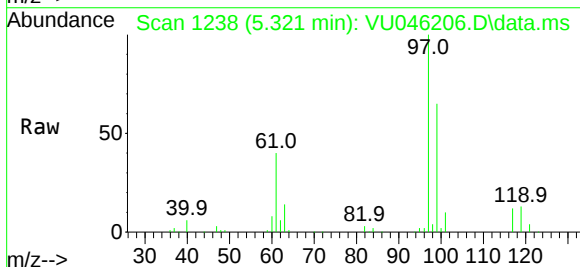
Tgt Ion: 97 Resp: 134258

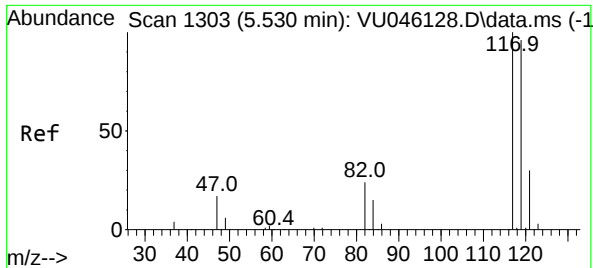
Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.6

61 40.8 34.4 51.6

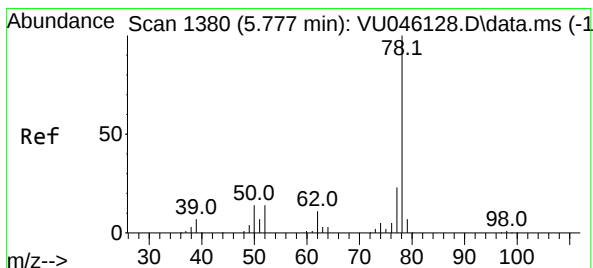
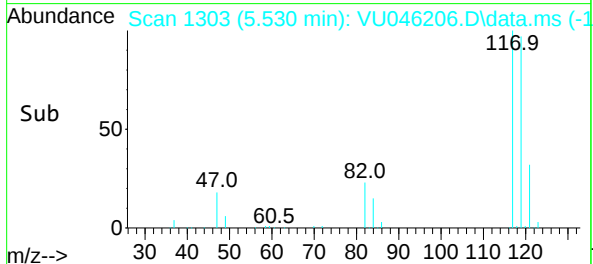
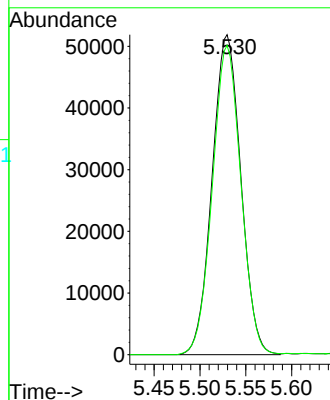
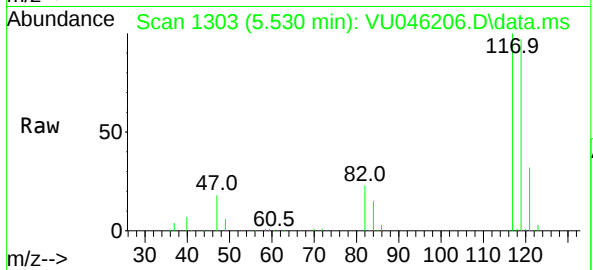




#31
Carbon tetrachloride
Concen: 51.642 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU046206.D
Acq: 09 Dec 2021 03:04

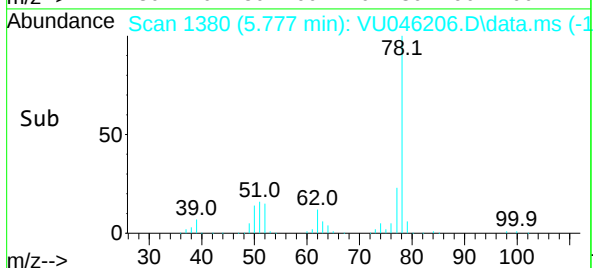
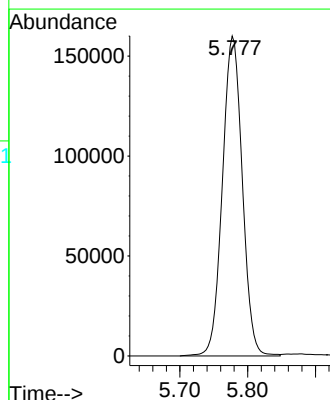
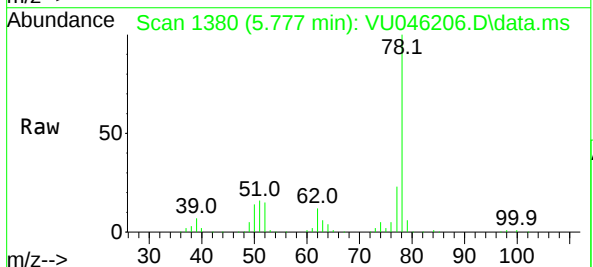
Instrument :
MSVOA_U
ClientSampleId :

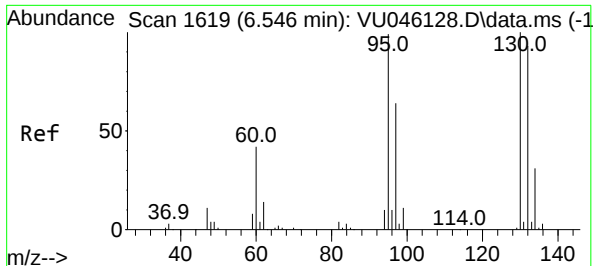
Tgt Ion:117 Resp: 113045
Ion Ratio Lower Upper
117 100
119 96.1 75.7 113.5



#33
Benzene
Concen: 51.332 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU046206.D
Acq: 09 Dec 2021 03:04

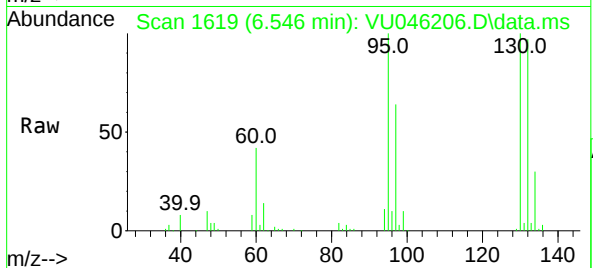
Tgt Ion: 78 Resp: 326355



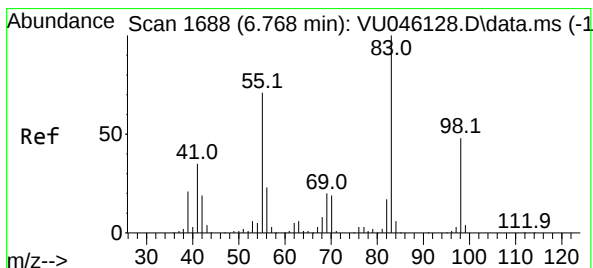
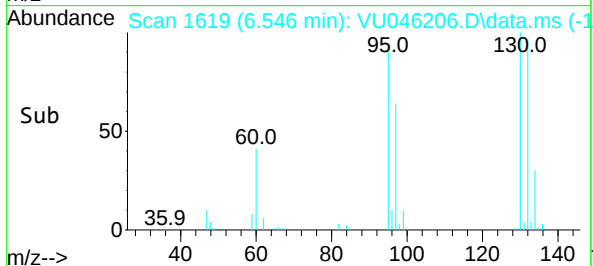
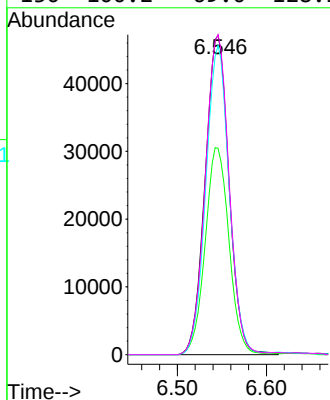


#34
Trichloroethene
Concen: 52.401 ug/L
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU046206.D
Acq: 09 Dec 2021 03:04

Instrument :
MSVOA_U
ClientSampleId :

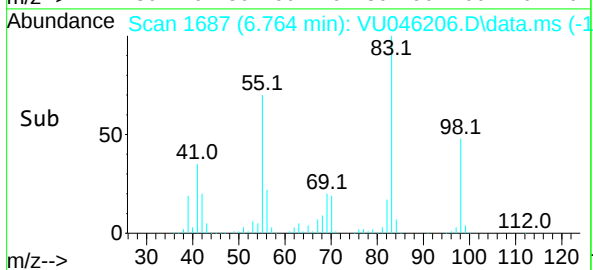
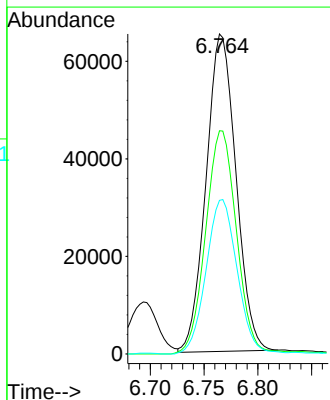
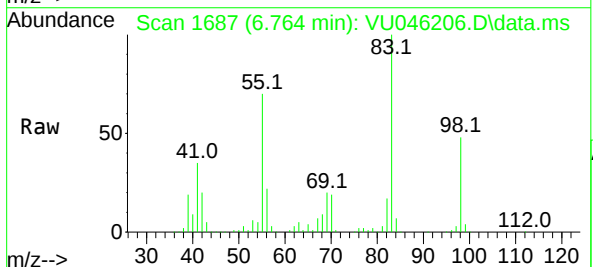


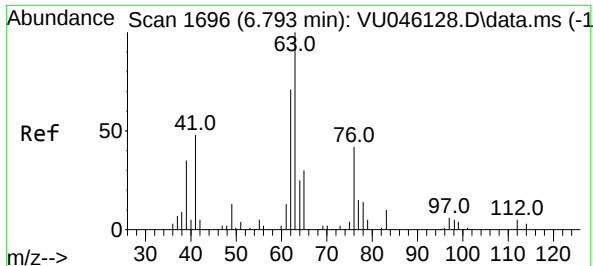
Tgt Ion: 95 Resp: 87765
Ion Ratio Lower Upper
95 100
97 64.6 44.1 81.9
132 96.8 66.8 124.0
130 100.2 69.0 128.1



#35
Methylcyclohexane
Concen: 48.492 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU046206.D
Acq: 09 Dec 2021 03:04

Tgt Ion: 83 Resp: 125932
Ion Ratio Lower Upper
83 100
55 72.6 57.8 86.6
98 50.5 38.4 57.6

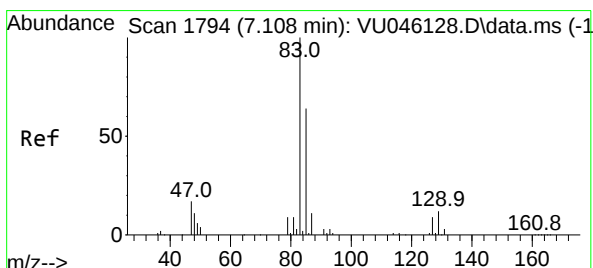
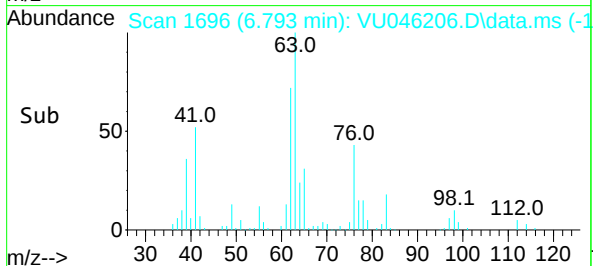
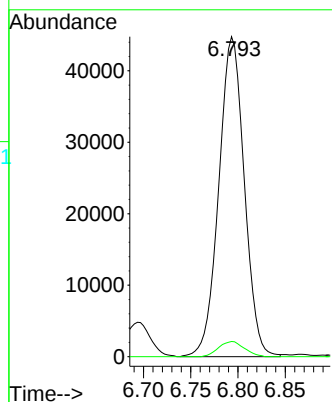
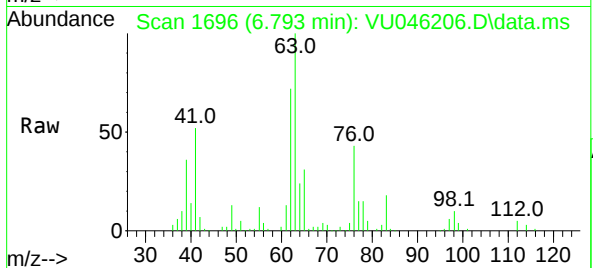




#37
1,2-Dichloropropane
Concen: 50.443 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. -0.000 min
Lab File: VU046206.D
Acq: 09 Dec 2021 03:04

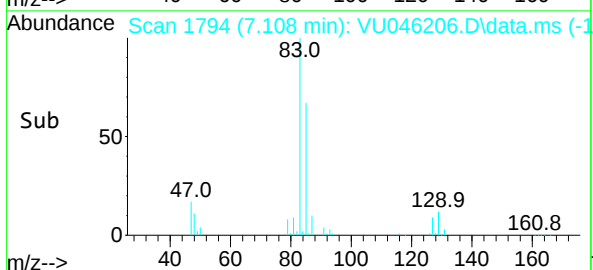
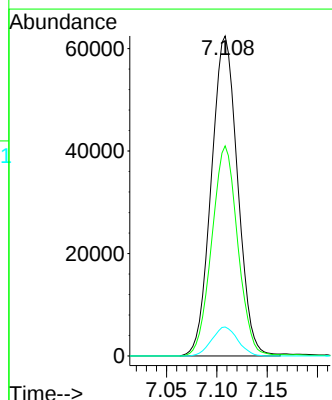
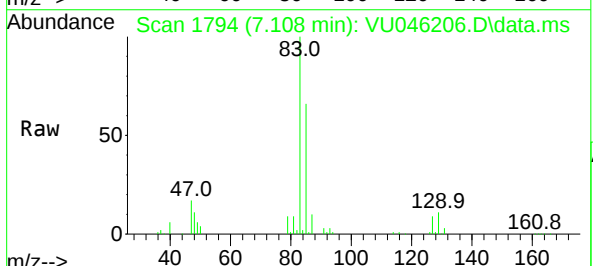
Instrument :
MSVOA_U
ClientSampleId :

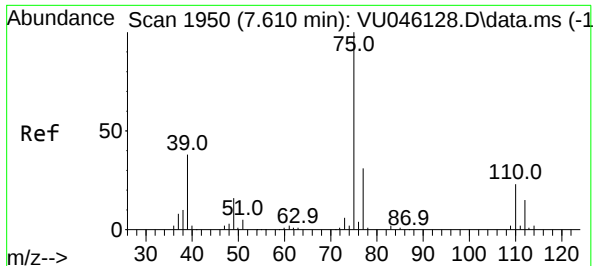
Tgt Ion: 63 Resp: 84009
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.6



#38
Bromodichloromethane
Concen: 51.384 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU046206.D
Acq: 09 Dec 2021 03:04

Tgt Ion: 83 Resp: 113746
Ion Ratio Lower Upper
83 100
85 65.7 44.4 82.5
127 9.1 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 53.886 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU046206.D

Acq: 09 Dec 2021 03:04

Instrument :

MSVOA_U

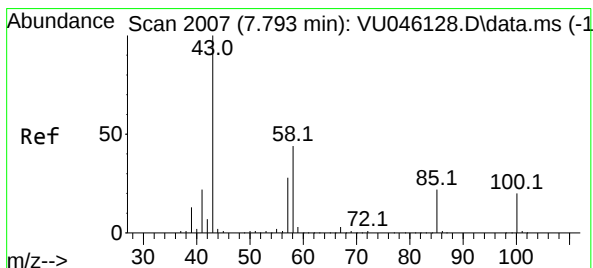
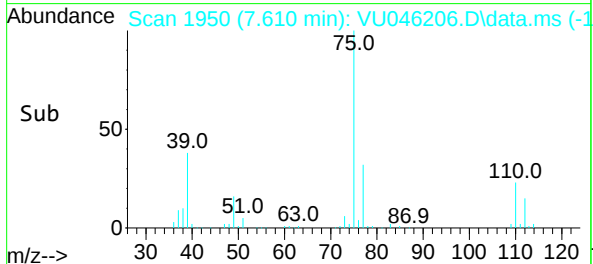
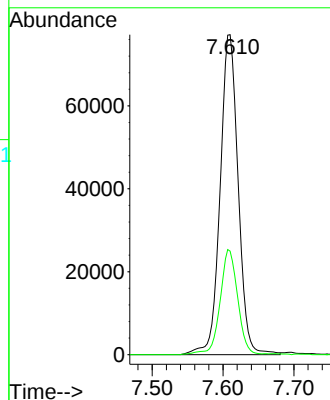
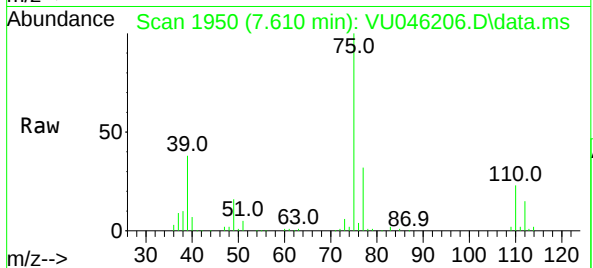
ClientSampleId :

Tgt Ion: 75 Resp: 136528

Ion Ratio Lower Upper

75 100

77 32.4 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 104.198 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU046206.D

Acq: 09 Dec 2021 03:04

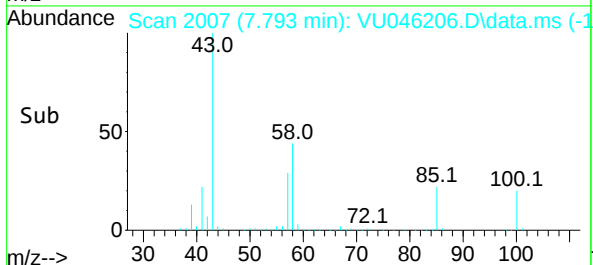
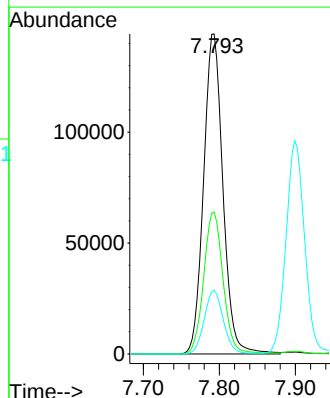
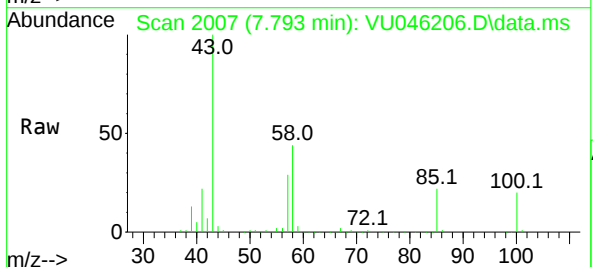
Tgt Ion: 43 Resp: 254967

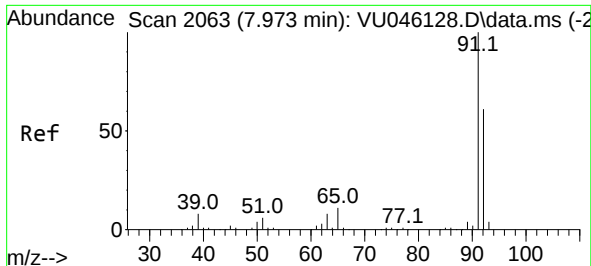
Ion Ratio Lower Upper

43 100

58 44.4 34.2 51.4

100 19.7 14.5 21.7





#42

Toluene

Concen: 52.889 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU046206.D

Acq: 09 Dec 2021 03:04

Instrument :

MSVOA_U

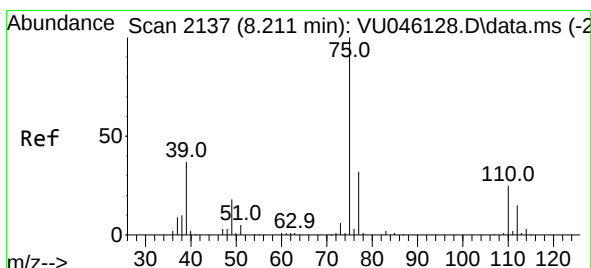
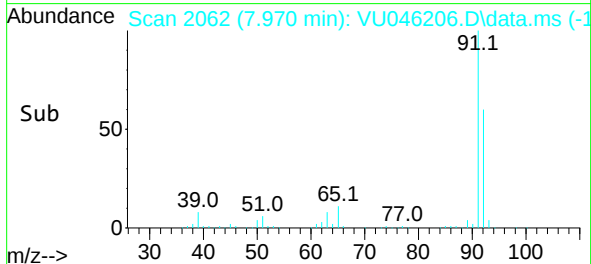
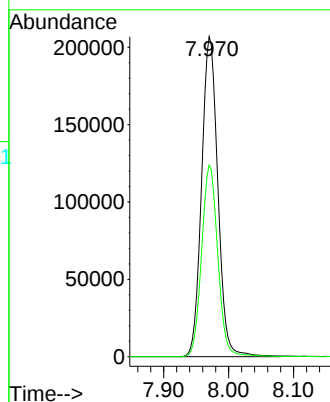
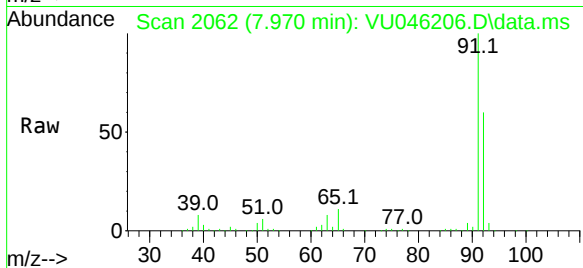
ClientSampleId :

Tgt Ion: 91 Resp: 360809

Ion Ratio Lower Upper

91 100

92 59.9 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 52.294 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU046206.D

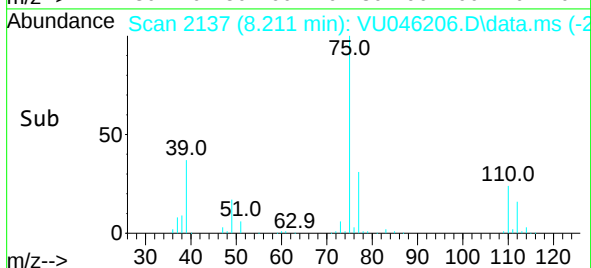
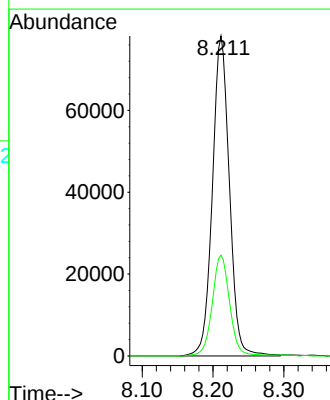
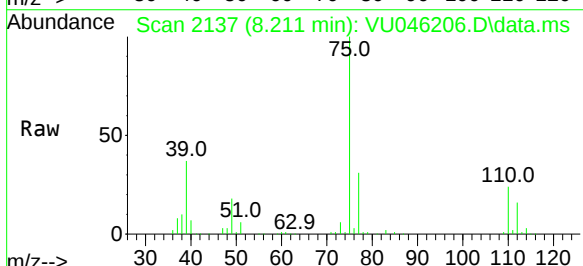
Acq: 09 Dec 2021 03:04

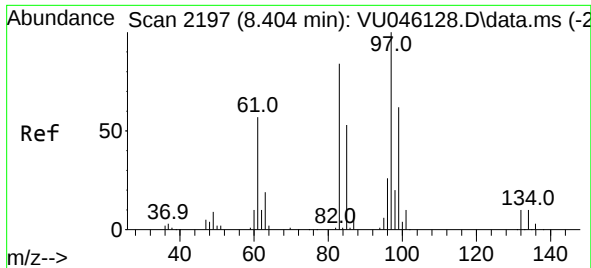
Tgt Ion: 75 Resp: 130130

Ion Ratio Lower Upper

75 100

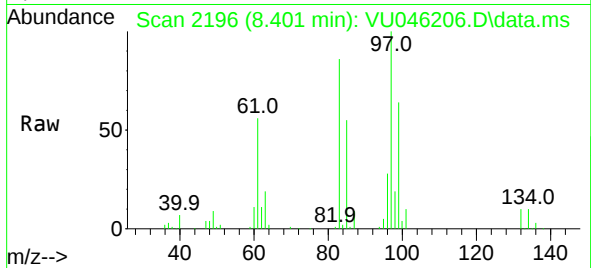
77 31.5 21.7 40.3



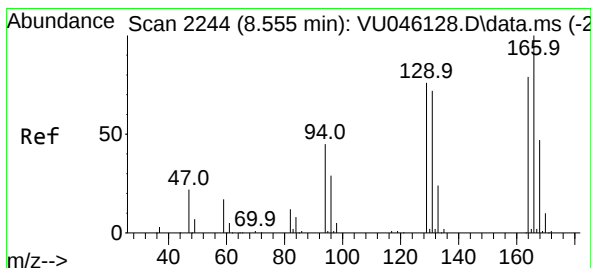
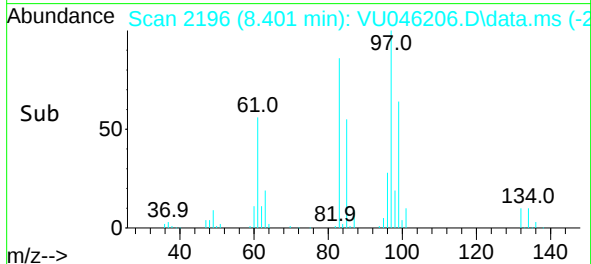
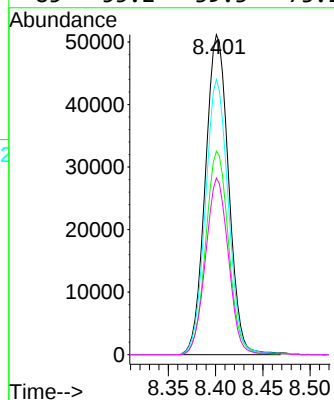


#45
1,1,2-Trichloroethane
Concen: 52.562 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU046206.D
Acq: 09 Dec 2021 03:04

Instrument :
MSVOA_U
ClientSampleId :

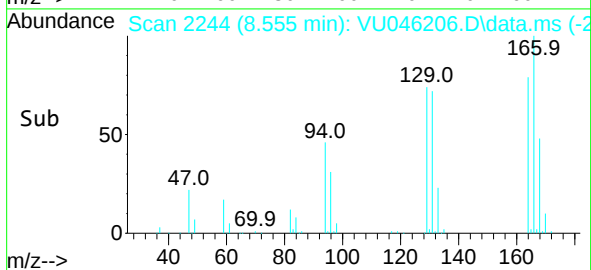
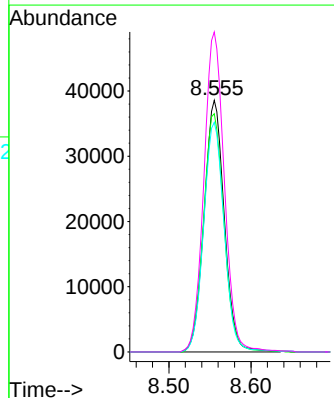
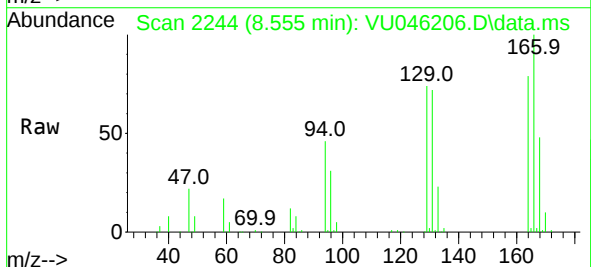


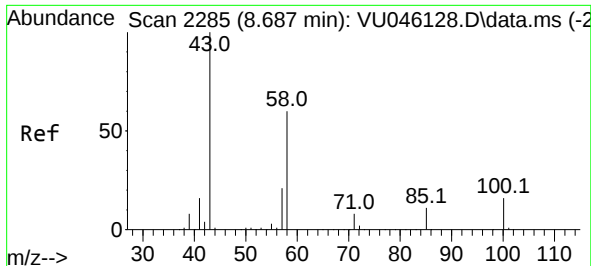
Tgt Ion:	97	Resp:	87824
Ion	Ratio	Lower	Upper
97	100		
99	63.6	44.7	82.9
83	86.0	60.2	111.8
85	55.2	39.3	73.1



#46
Tetrachloroethene
Concen: 53.612 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046206.D
Acq: 09 Dec 2021 03:04

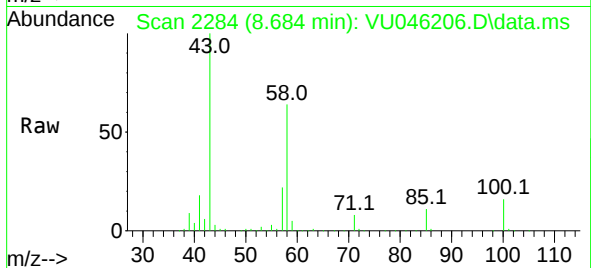
Tgt Ion:	164	Resp:	65988
Ion	Ratio	Lower	Upper
164	100		
129	94.6	71.1	132.1
131	91.2	67.8	126.0
166	127.1	90.6	168.2



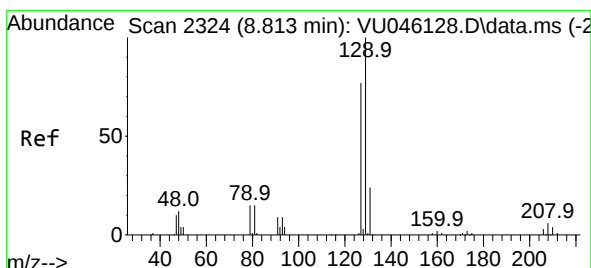
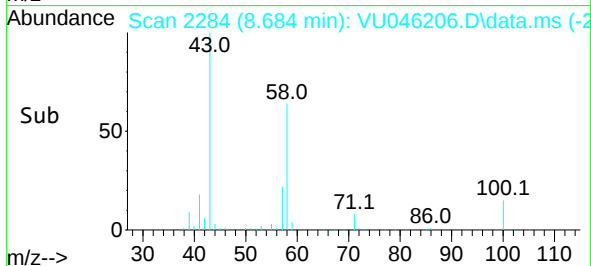
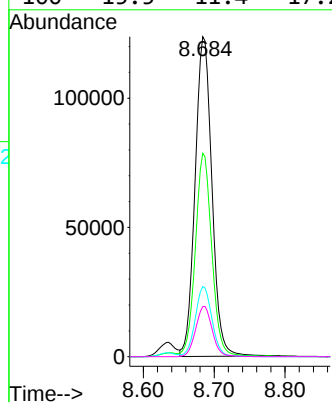


#48
2-Hexanone
Concen: 93.237 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046206.D
Acq: 09 Dec 2021 03:04

Instrument :
MSVOA_U
ClientSampleId :

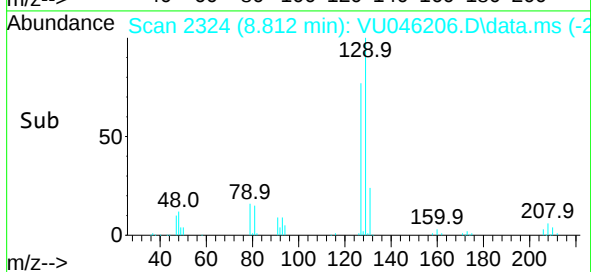
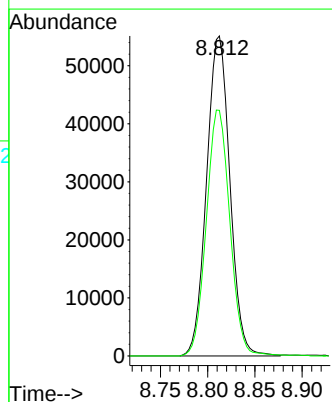
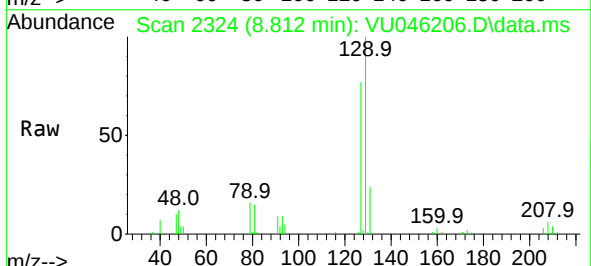


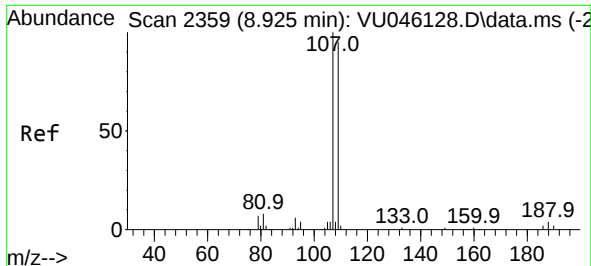
Tgt Ion: 43	Resp: 204036
Ion Ratio	Lower Upper
43 100	
58 62.2	47.4 71.2
57 21.6	16.6 25.0
100 15.5	11.4 17.2



#49
Dibromochloromethane
Concen: 53.976 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046206.D
Acq: 09 Dec 2021 03:04

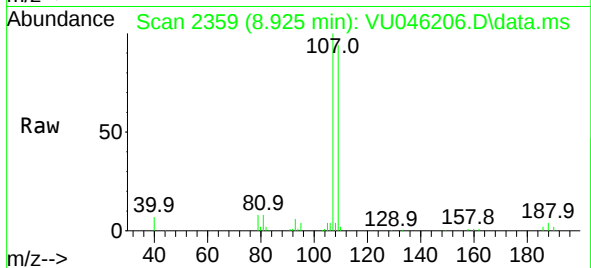
Tgt Ion:129	Resp:	94706	
Ion	Ratio	Lower	Upper
129	100		
127	76.7	55.6	103.4



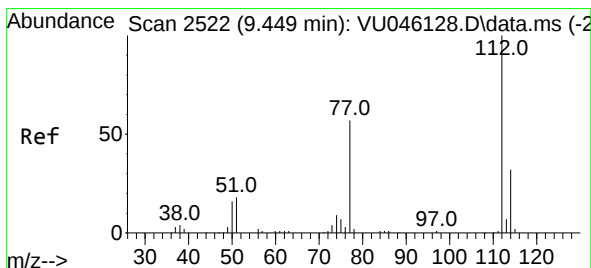
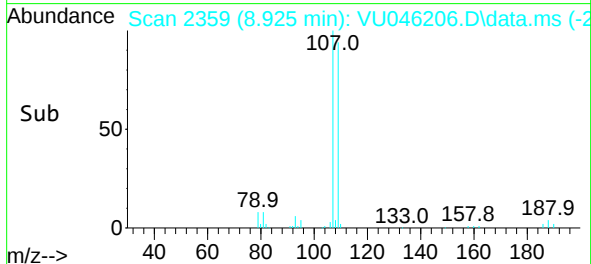
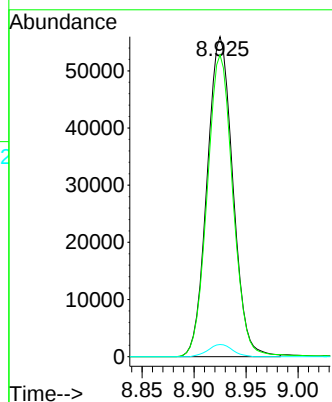


#50
1,2-Dibromoethane
Concen: 53.185 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046206.D
Acq: 09 Dec 2021 03:04

Instrument :
MSVOA_U
ClientSampleId :

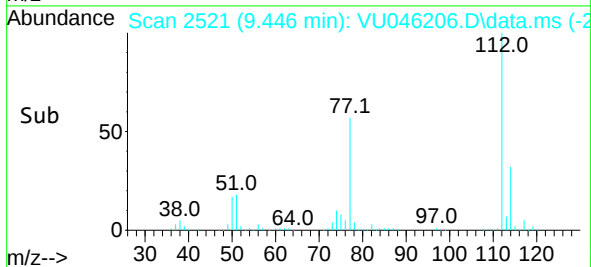
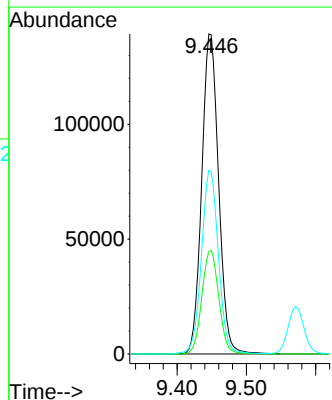
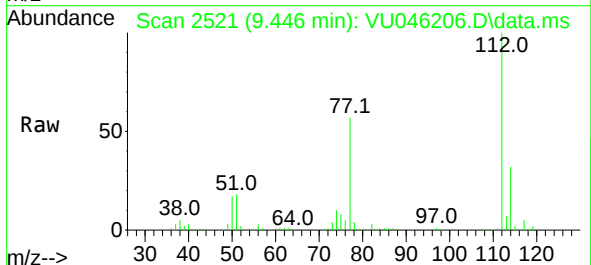


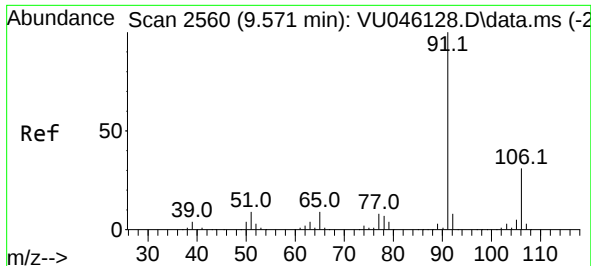
Tgt Ion:107 Resp: 96345
Ion Ratio Lower Upper
107 100
109 94.3 64.9 120.5
188 3.8 2.6 3.8



#51
Chlorobenzene
Concen: 53.284 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU046206.D
Acq: 09 Dec 2021 03:04

Tgt Ion:112 Resp: 235170
Ion Ratio Lower Upper
112 100
114 32.0 22.2 41.2
77 57.4 47.4 71.0





#52

Ethylbenzene

Concen: 54.380 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. -0.003 min

Lab File: VU046206.D

Acq: 09 Dec 2021 03:04

Instrument :

MSVOA_U

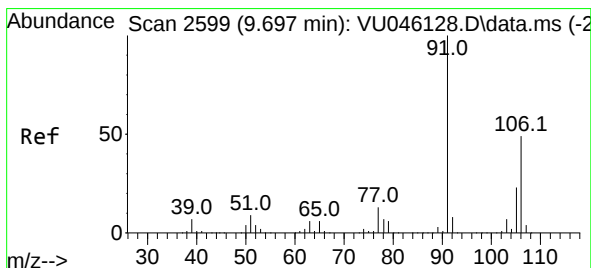
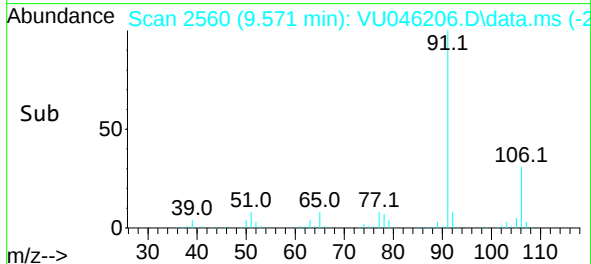
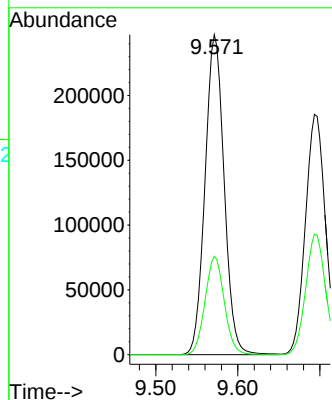
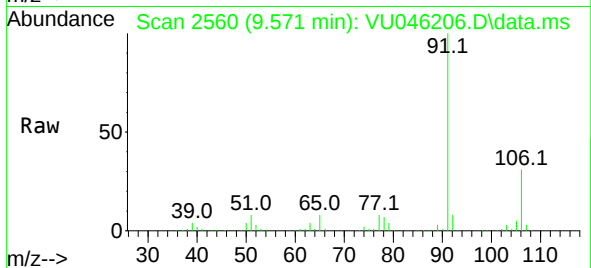
ClientSampleId :

Tgt Ion: 91 Resp: 399251

Ion Ratio Lower Upper

91 100

106 30.7 21.1 39.3



#53

m,p-Xylene

Concen: 54.950 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. -0.003 min

Lab File: VU046206.D

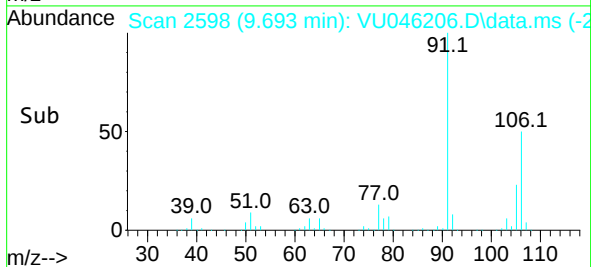
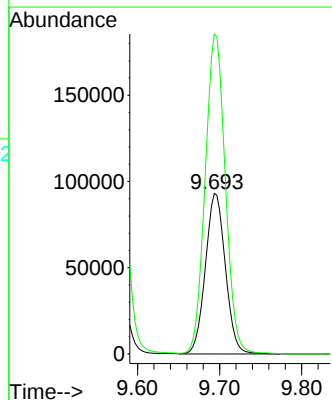
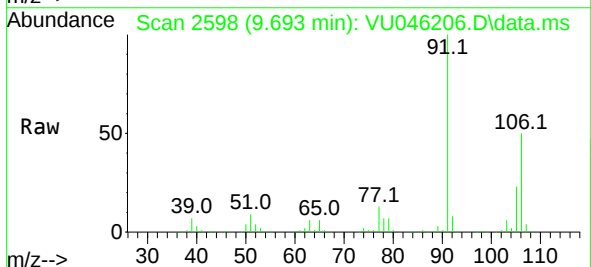
Acq: 09 Dec 2021 03:04

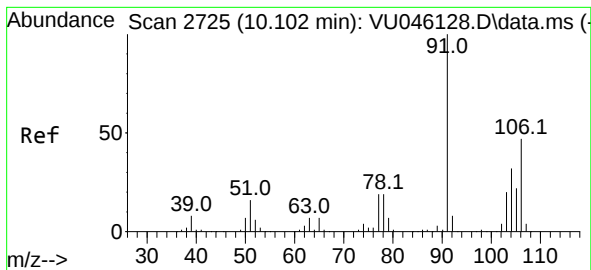
Tgt Ion:106 Resp: 157334

Ion Ratio Lower Upper

106 100

91 199.4 144.3 268.1





#54

o-xylene

Concen: 55.363 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. -0.003 min

Lab File: VU046206.D

Acq: 09 Dec 2021 03:04

Instrument :

MSVOA_U

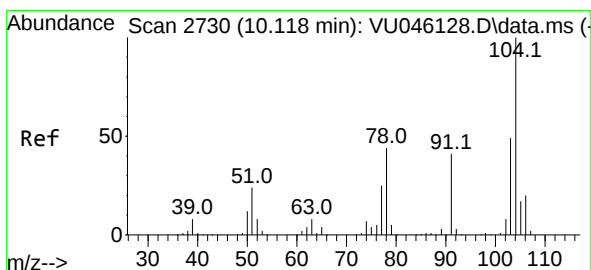
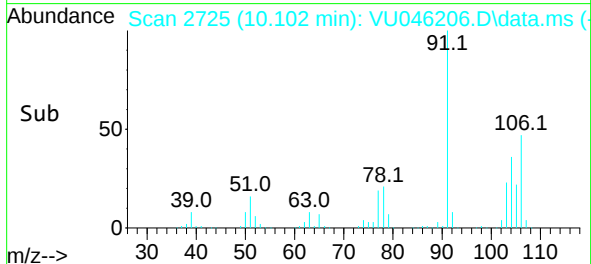
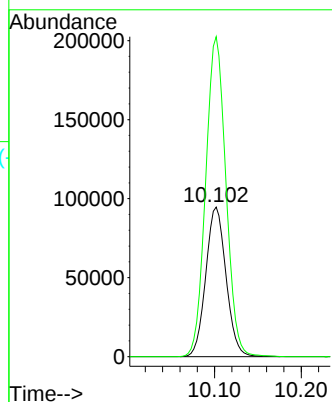
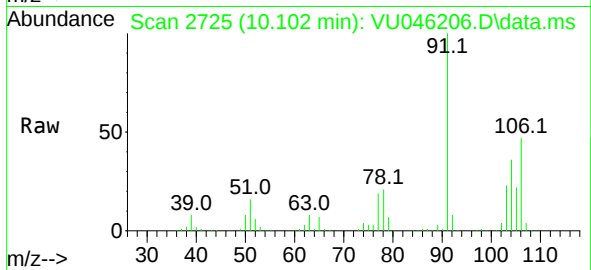
ClientSampleId :

Tgt Ion:106 Resp: 153813

Ion Ratio Lower Upper

106 100

91 213.9 154.2 286.4



#55

Styrene

Concen: 55.797 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.003 min

Lab File: VU046206.D

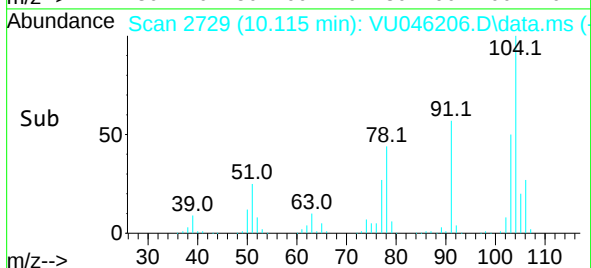
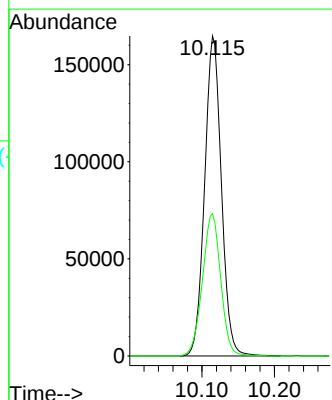
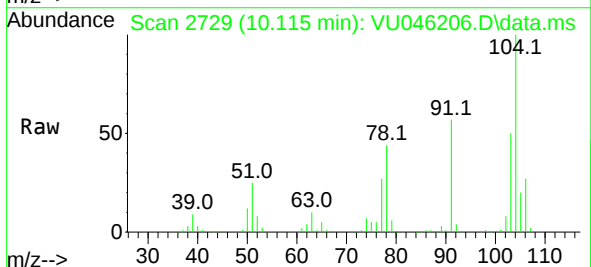
Acq: 09 Dec 2021 03:04

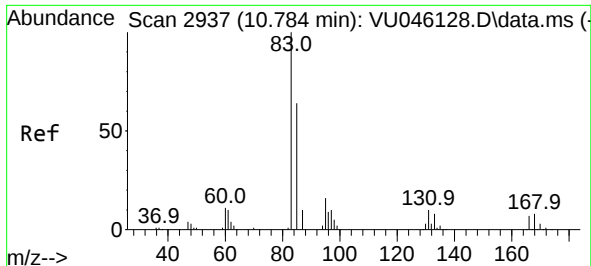
Tgt Ion:104 Resp: 264663

Ion Ratio Lower Upper

104 100

78 44.4 32.6 60.5





#57

1,1,2-Tetrachloroethane

Concen: 51.919 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU046206.D

Acq: 09 Dec 2021 03:04

Instrument :

MSVOA_U

ClientSampleId :

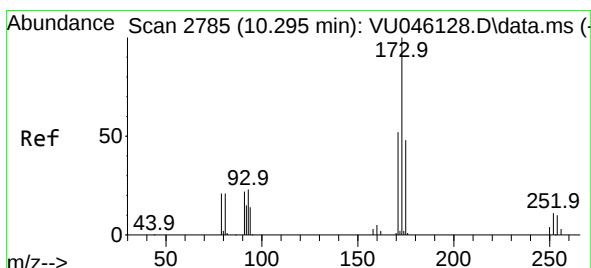
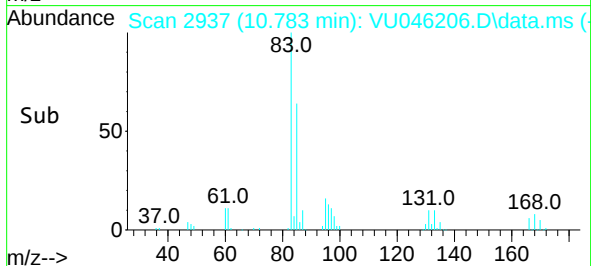
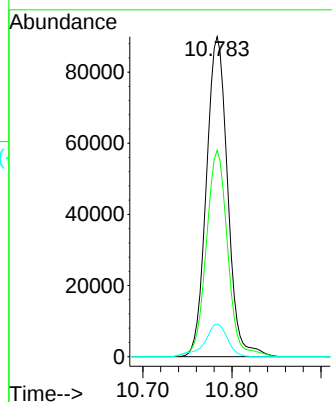
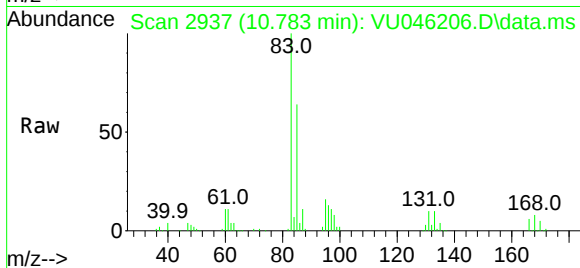
Tgt Ion: 83 Resp: 148727

Ion Ratio Lower Upper

83 100

85 64.4 45.6 84.6

131 10.2 7.8 11.6



#59

Bromoform

Concen: 52.381 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.003 min

Lab File: VU046206.D

Acq: 09 Dec 2021 03:04

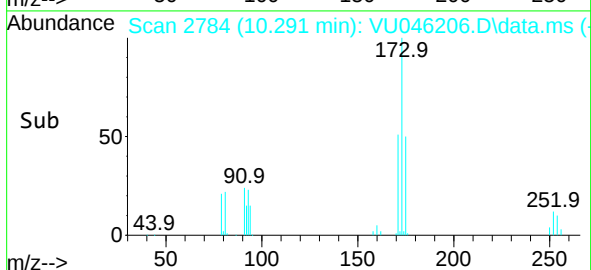
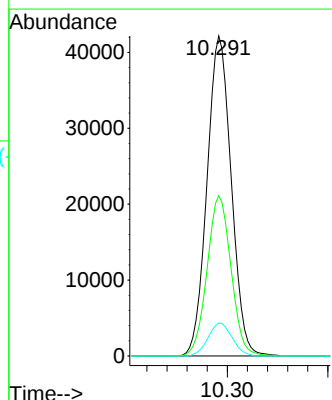
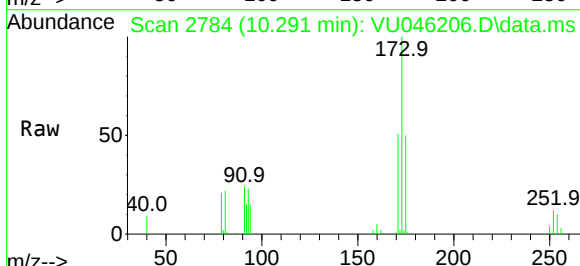
Tgt Ion:173 Resp: 70516

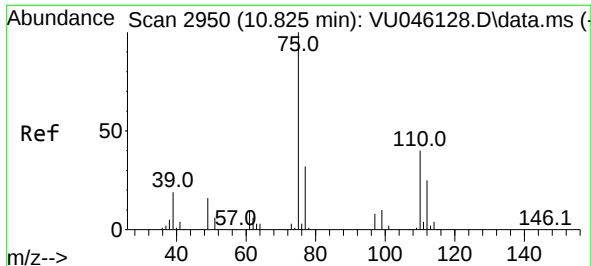
Ion Ratio Lower Upper

173 100

175 49.4 39.2 58.8

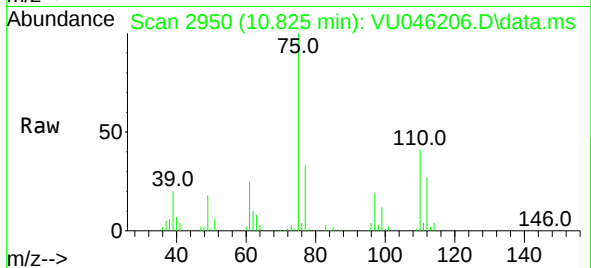
254 10.2 7.4 11.2



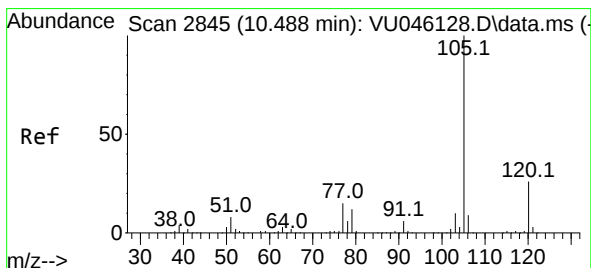
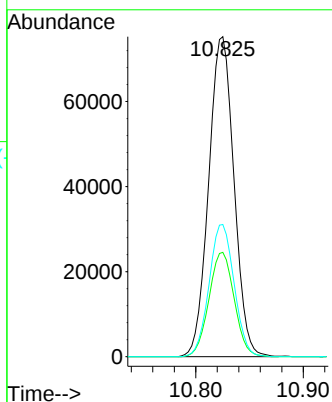
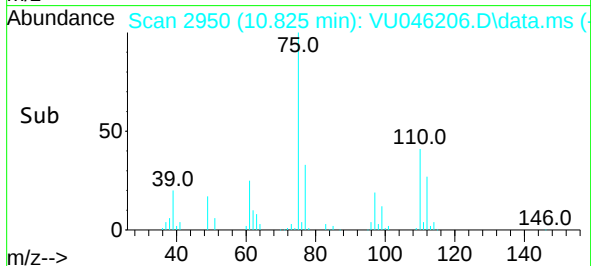


#60
1,2,3-Trichloropropane
Concen: 48.879 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046206.D
Acq: 09 Dec 2021 03:04

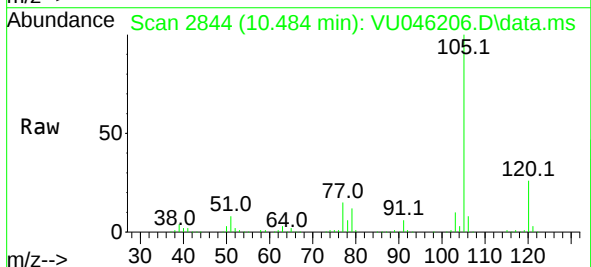
Instrument :
MSVOA_U
ClientSampleId :



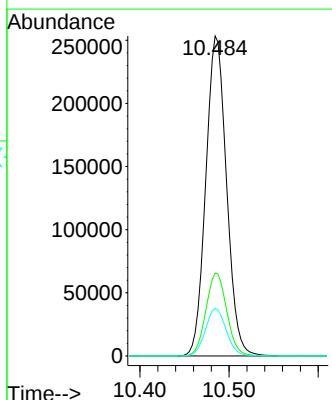
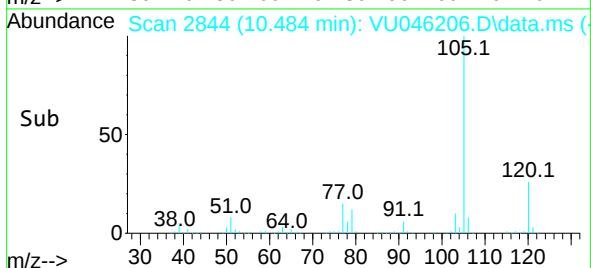
Tgt Ion: 75 Resp: 122957
Ion Ratio Lower Upper
75 100
77 32.6 26.4 39.6
110 40.9 32.4 48.6

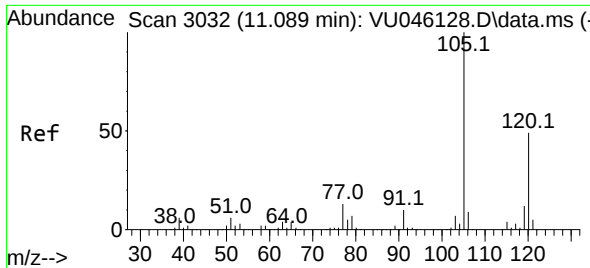


#61
Isopropylbenzene
Concen: 54.798 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU046206.D
Acq: 09 Dec 2021 03:04



Tgt Ion: 105 Resp: 409145
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1
77 14.9 12.2 18.4

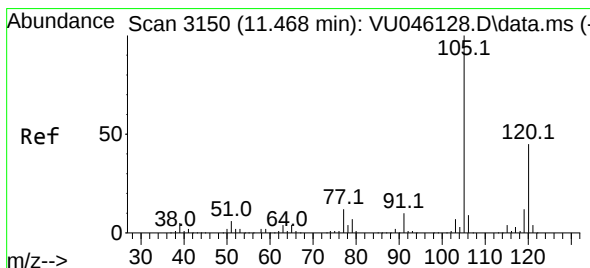
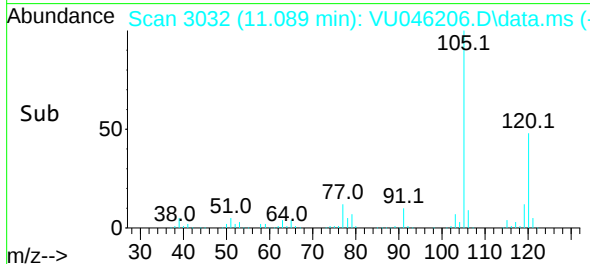
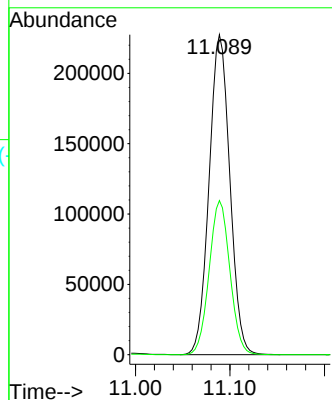
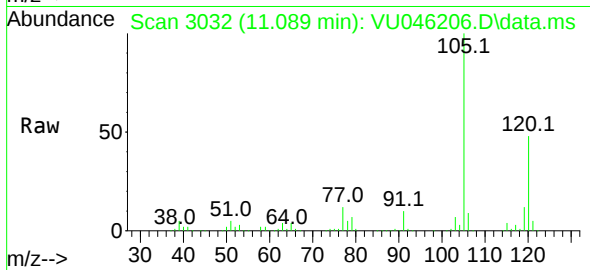




#62
1,3,5-Trimethylbenzene
Concen: 55.733 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU046206.D
Acq: 09 Dec 2021 03:04

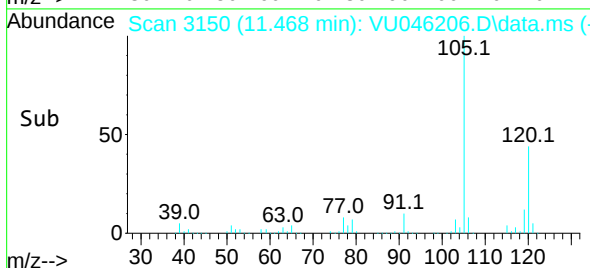
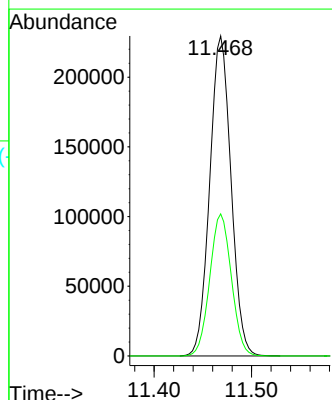
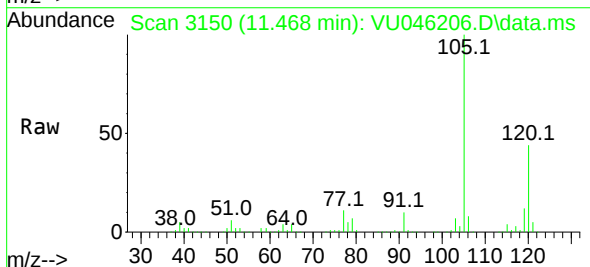
Instrument :
MSVOA_U
ClientSampleId :

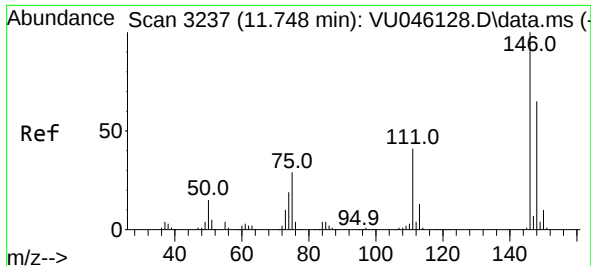
Tgt Ion:105 Resp: 346852
Ion Ratio Lower Upper
105 100
120 48.1 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 55.953 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU046206.D
Acq: 09 Dec 2021 03:04

Tgt Ion:105 Resp: 348386
Ion Ratio Lower Upper
105 100
120 45.0 35.2 52.8

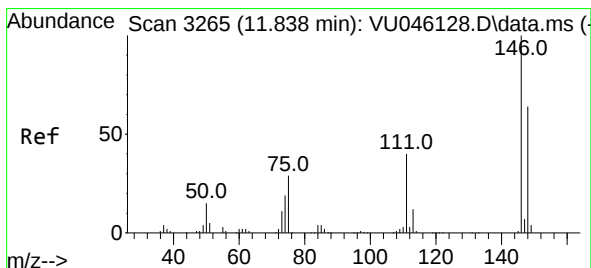
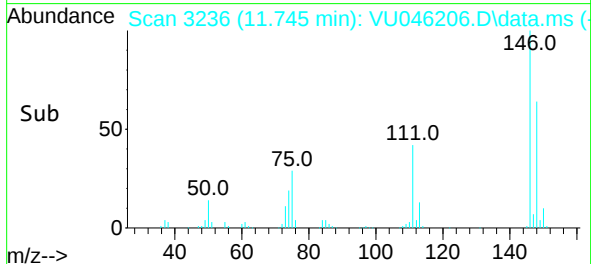
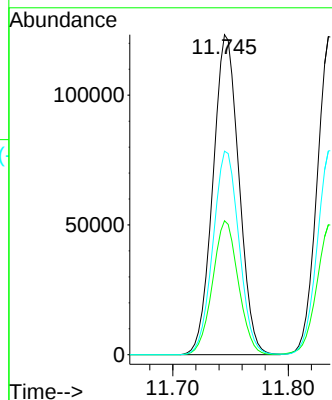
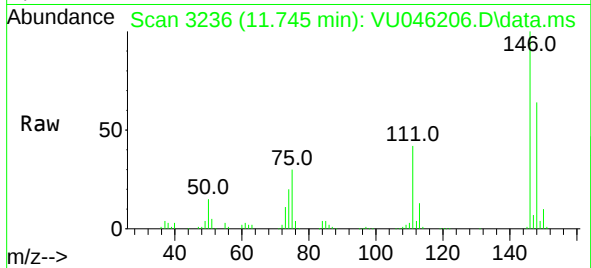




#64
1,3-Dichlorobenzene
Concen: 54.483 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU046206.D
Acq: 09 Dec 2021 03:04

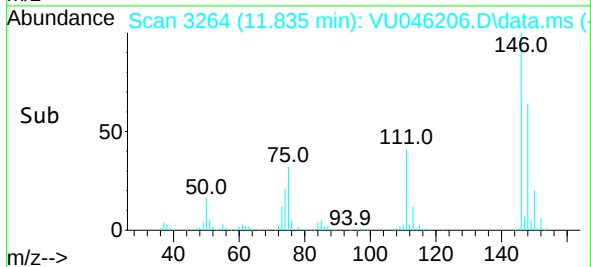
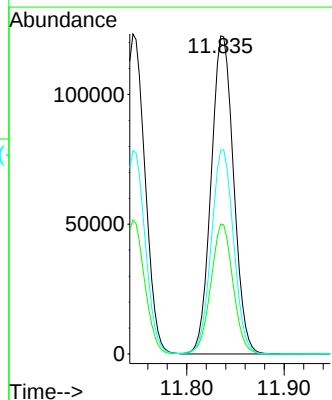
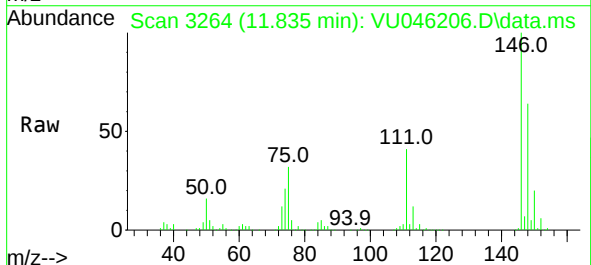
Instrument :
MSVOA_U
ClientSampleId :

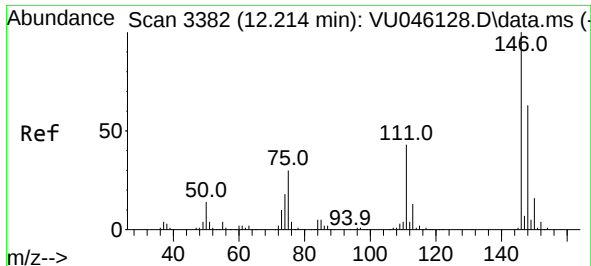
Tgt Ion:146 Resp: 193233
Ion Ratio Lower Upper
146 100
111 41.9 29.5 54.9
148 63.6 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 53.621 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU046206.D
Acq: 09 Dec 2021 03:04

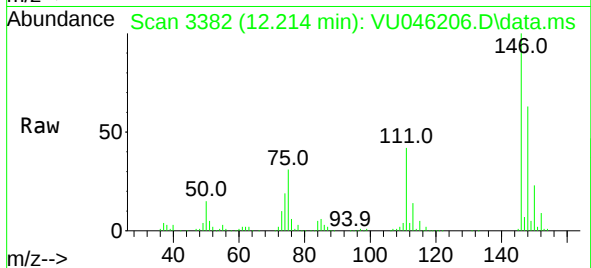
Tgt Ion:146 Resp: 196548
Ion Ratio Lower Upper
146 100
111 40.9 28.3 52.7
148 64.1 43.8 81.3



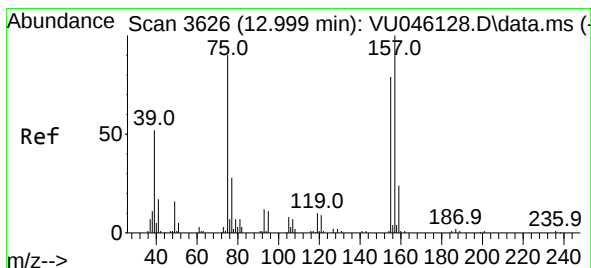
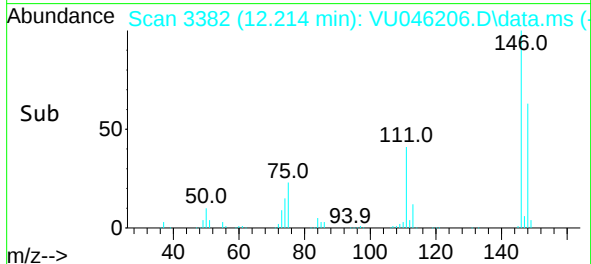
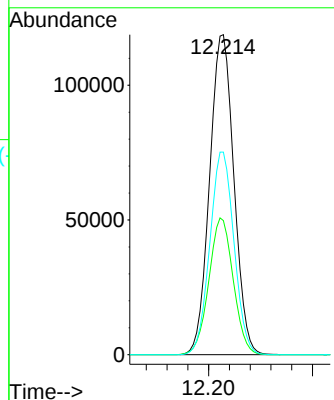


#67
1,2-Dichlorobenzene
Concen: 53.994 ug/L
RT: 12.214 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU046206.D
Acq: 09 Dec 2021 03:04

Instrument :
MSVOA_U
ClientSampleId :

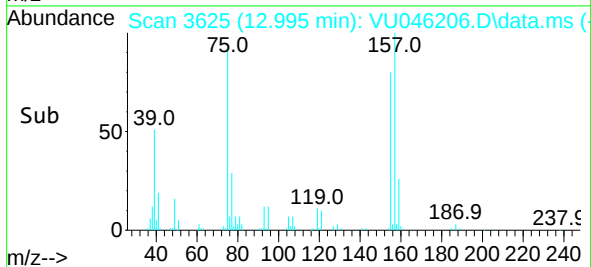
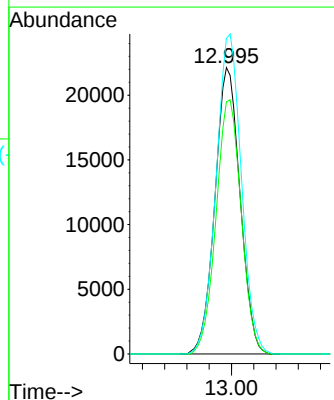
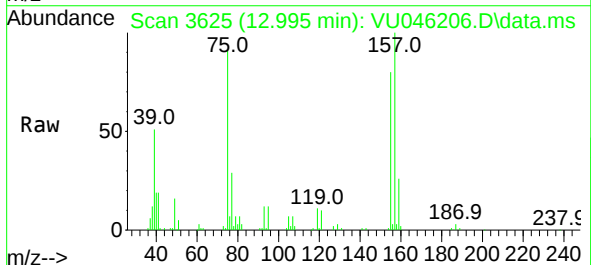


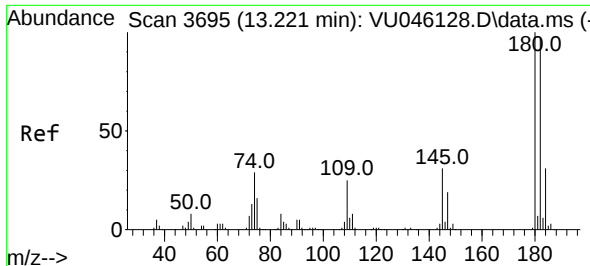
Tgt Ion:146 Resp: 192847
Ion Ratio Lower Upper
146 100
111 41.9 35.7 53.5
148 63.3 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 51.753 ug/L
RT: 12.995 min Scan# 3625
Delta R.T. -0.003 min
Lab File: VU046206.D
Acq: 09 Dec 2021 03:04

Tgt Ion: 75 Resp: 34682
Ion Ratio Lower Upper
75 100
155 88.0 64.9 97.3
157 110.2 81.9 122.9





#69

1,3,5-Trichlorobenzene

Concen: 53.567 ug/L

RT: 13.217 min Scan# 3695

Delta R.T. -0.003 min

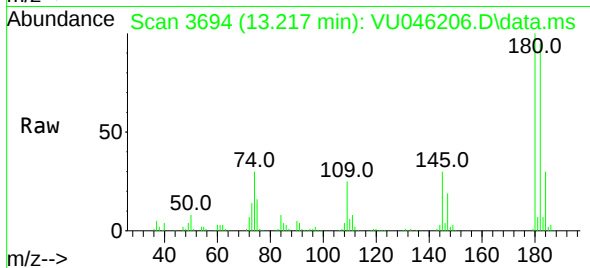
Lab File: VU046206.D

Acq: 09 Dec 2021 03:04

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 138431

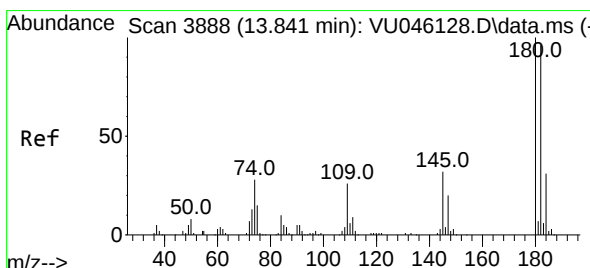
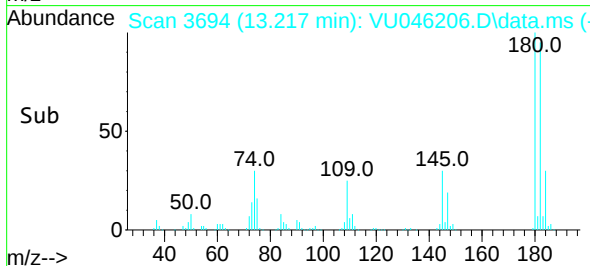
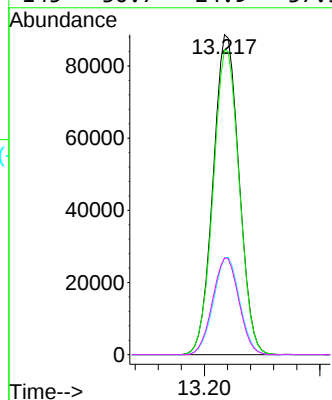
Ion Ratio Lower Upper

180 100

182 95.9 75.9 113.9

184 30.7 24.2 36.4

145 30.7 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 57.278 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU046206.D

Acq: 09 Dec 2021 03:04

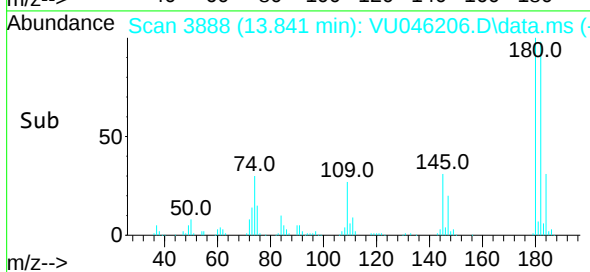
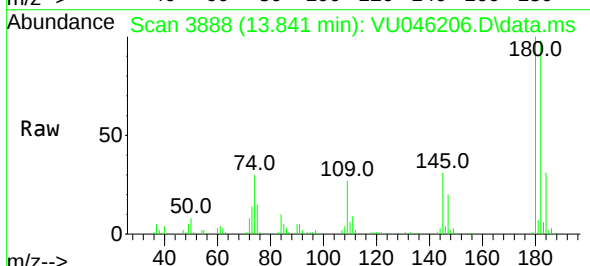
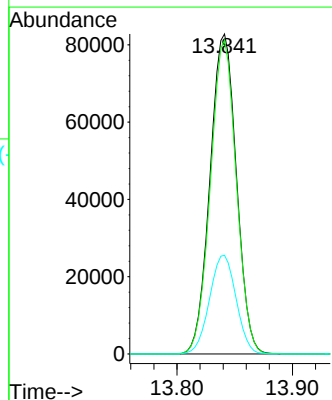
Tgt Ion:180 Resp: 131351

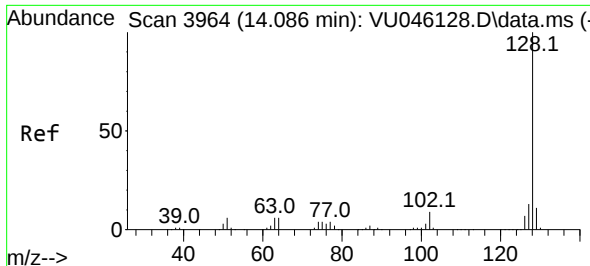
Ion Ratio Lower Upper

180 100

182 96.2 76.7 115.1

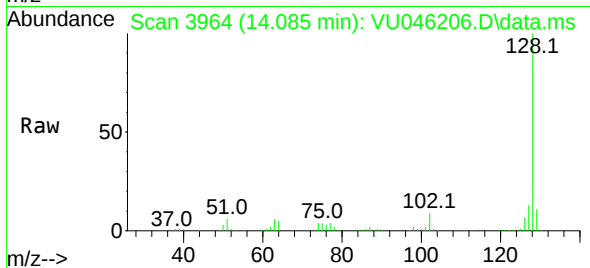
145 31.1 26.0 39.0



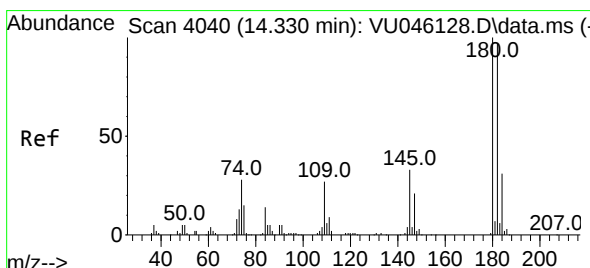
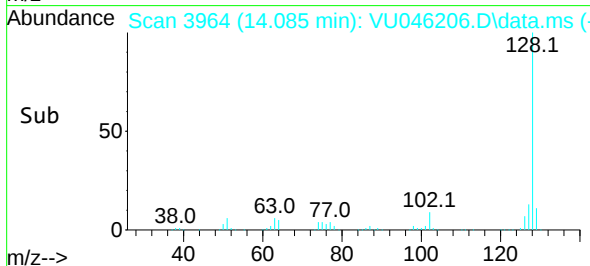
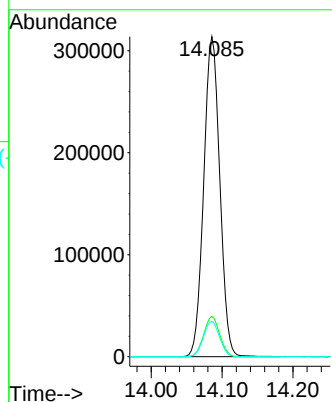


#71
Naphthalene
Concen: 61.892 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU046206.D
Acq: 09 Dec 2021 03:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 493900
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 56.510 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU046206.D
Acq: 09 Dec 2021 03:04

Tgt Ion:180 Resp: 132149
Ion Ratio Lower Upper
180 100
182 95.9 76.0 114.0
145 33.2 27.3 40.9

