

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120321\
 Data File : VU046086.D
 Acq On : 03 Dec 2021 19:54
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 04 03:09:24 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	222970	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	218128	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	115450	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	77658	42.281	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.560%
7) Chloroethane-d5	1.919	69	56109	39.788	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.580%
11) 1,1-Dichloroethene-d2	2.575	63	152194	46.158	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.320%
21) 2-Butanone-d5	4.639	46	112044	76.737	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.740%
24) Chloroform-d	5.067	84	140528	45.816	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.640%
26) 1,2-Dichloroethane-d4	5.703	65	86236	41.894	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.780%
32) Benzene-d6	5.729	84	285794	45.713	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.420%
36) 1,2-Dichloropropane-d6	6.694	67	85849	44.307	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.620%
41) Toluene-d8	7.899	98	264728	46.506	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.020%
43) trans-1,3-Dichloroprop...	8.179	79	44206	47.262	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.520%
47) 2-Hexanone-d5	8.633	63	82926	90.267	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.270%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	126185	42.943	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.880%
66) 1,2-Dichlorobenzene-d4	12.195	152	99913	44.938	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	124752	51.426	ug/L	98
3) Chloromethane	1.520	50	103032	47.485	ug/L	99
5) Vinyl chloride	1.607	62	116353	53.183	ug/L	100
6) Bromomethane	1.861	94	42038	33.901	ug/L	99
8) Chloroethane	1.938	64	66934	52.840	ug/L	99
9) Trichlorofluoromethane	2.141	101	152771	53.486	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	92718	57.148	ug/L	97
12) 1,1-Dichloroethene	2.585	96	87888	57.007	ug/L	88
13) Acetone	2.655	43	122050	66.884	ug/L	96
14) Carbon disulfide	2.797	76	265042	55.411	ug/L	100
15) Methyl Acetate	2.958	43	112292	52.787	ug/L	98
16) Methylene chloride	3.051	84	101748	55.471	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	96003	58.842	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	305378	60.734	ug/L	100
19) 1,1-Dichloroethane	3.874	63	172539	58.163	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	104064	58.783	ug/L	100
22) 2-Butanone	4.716	43	173502	87.342	ug/L	97
23) Bromochloromethane	4.977	128	53895	60.278	ug/L	94
25) Chloroform	5.092	83	180200	54.673	ug/L	99

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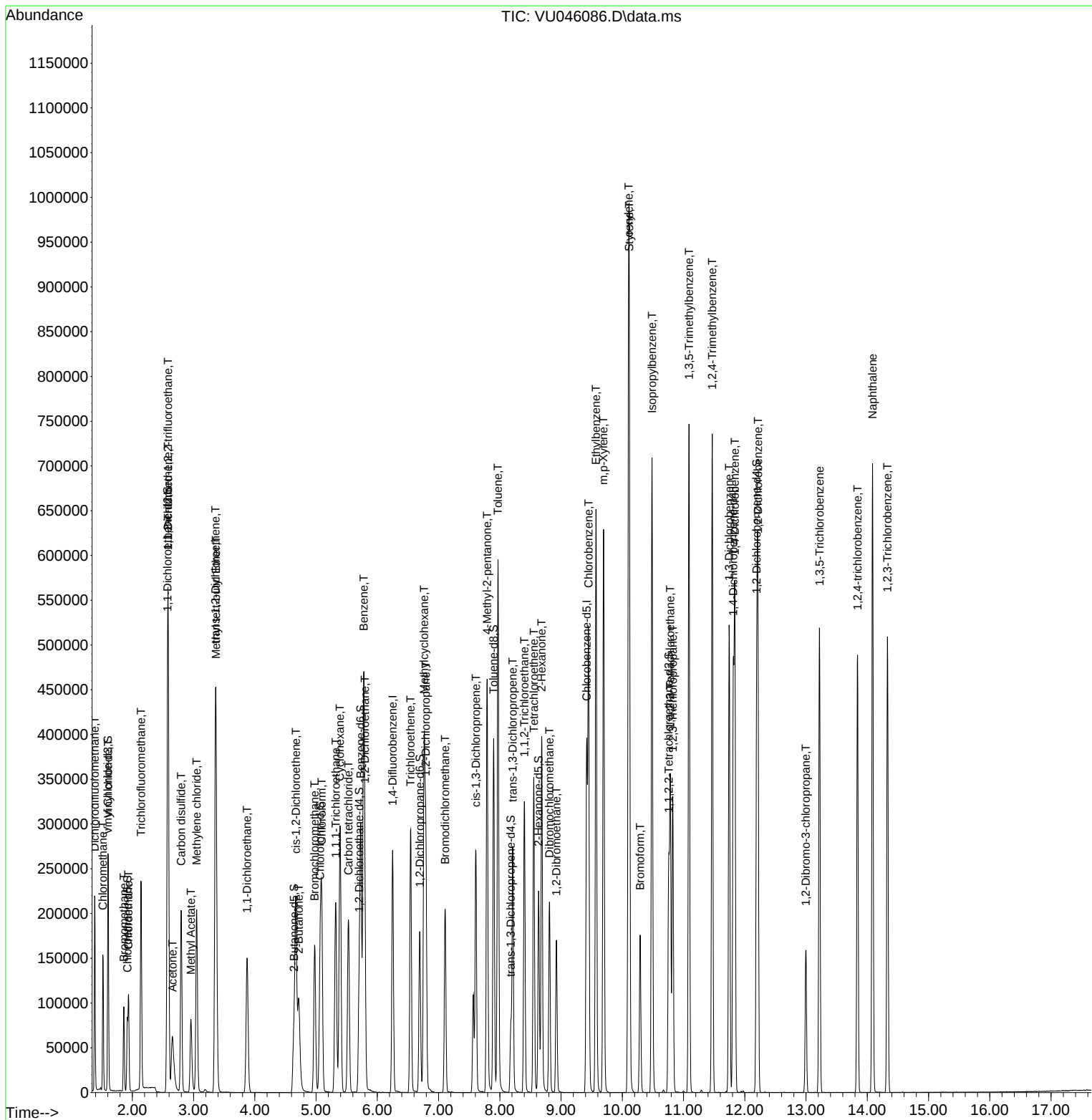
Instrument :
 MSVOA_U
 ClientSampleId :

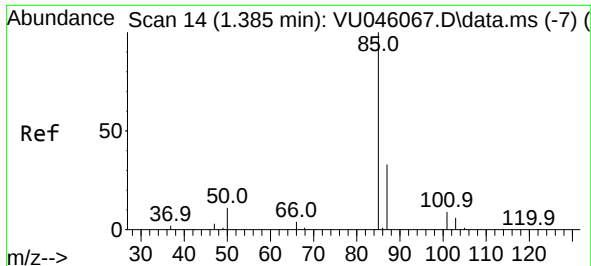
Quant Time: Dec 04 03:09:24 2021
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	137175	56.086	ug/L	99
29) Cyclohexane	5.391	56	156405	61.578	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	159724	59.653	ug/L	98
31) Carbon tetrachloride	5.530	117	135471	59.597	ug/L	97
33) Benzene	5.777	78	396072	59.994	ug/L	100
34) Trichloroethene	6.543	95	101672	58.458	ug/L	99
35) Methylcyclohexane	6.764	83	162194	60.144	ug/L	97
37) 1,2-Dichloropropane	6.793	63	102641	59.350	ug/L	99
38) Bromodichloromethane	7.108	83	135636	59.006	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	164325	62.459	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	295658	116.358	ug/L	99
42) Toluene	7.970	91	435197	61.434	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	155625	60.226	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	102074	58.831	ug/L	99
46) Tetrachloroethene	8.555	164	78581	61.482	ug/L	99
48) 2-Hexanone	8.684	43	234688	103.277	ug/L	98
49) Dibromochloromethane	8.813	129	111932	61.434	ug/L	96
50) 1,2-Dibromoethane	8.925	107	112041	59.562	ug/L	99
51) Chlorobenzene	9.449	112	274514	59.898	ug/L	99
52) Ethylbenzene	9.571	91	470267	61.683	ug/L	99
53) m,p-Xylene	9.694	106	185513	62.395	ug/L	97
54) o-xylene	10.102	106	180455	62.549	ug/L	98
55) Styrene	10.115	104	305969	62.119	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.784	83	172215	57.894	ug/L	100
59) Bromoform	10.292	173	78635	58.061	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	140905	55.677	ug/L	99
61) Isopropylbenzene	10.485	105	474071	63.112	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	404953	64.678	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	405720	64.769	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	215668	60.443	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	218721	59.312	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	214414	59.672	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	39204	58.149	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	159740	61.442	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	147281	63.838	ug/L	100
71) Naphthalene	14.086	128	541682	67.471	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	151405	64.355	ug/L	99

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

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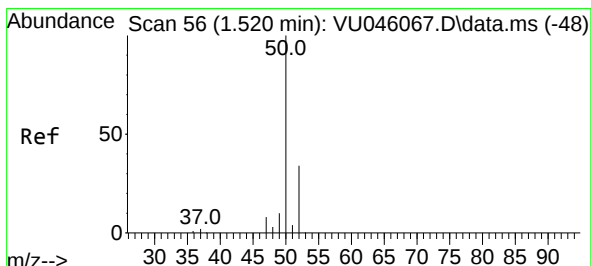
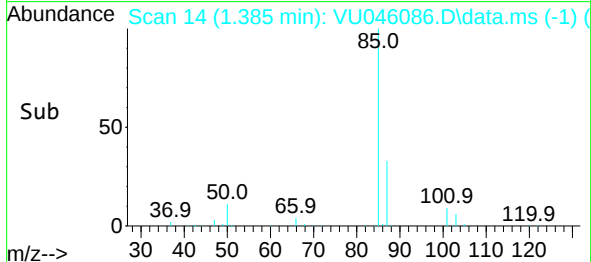
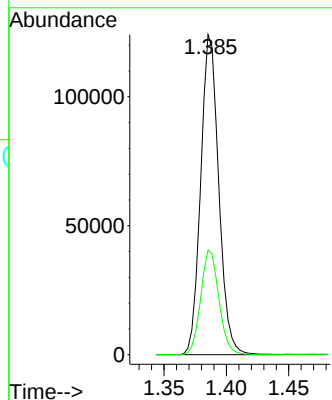
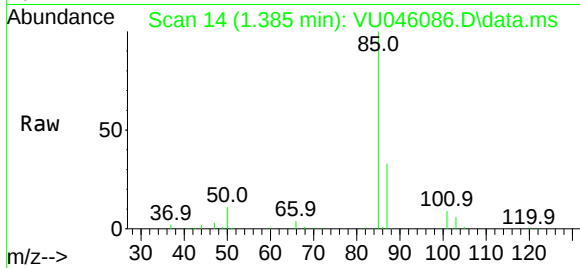




#2
Dichlorodifluoromethane
Concen: 51.426 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU046086.D
Acq: 03 Dec 2021 19:54

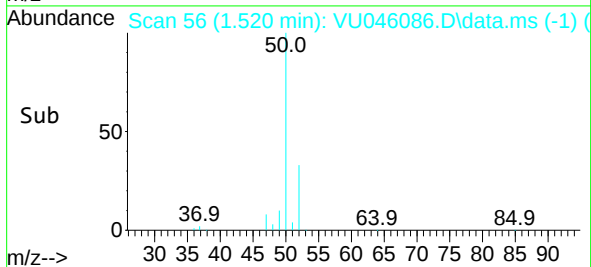
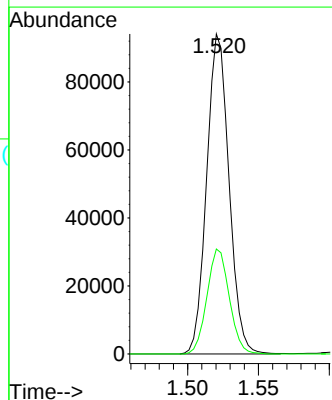
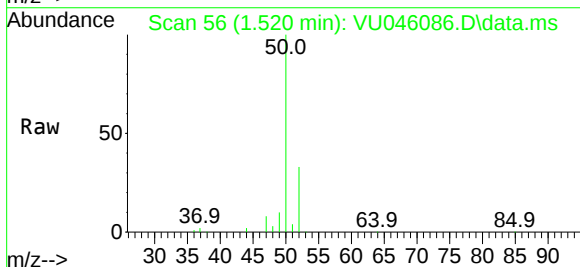
Instrument :
MSVOA_U
ClientSampleId :

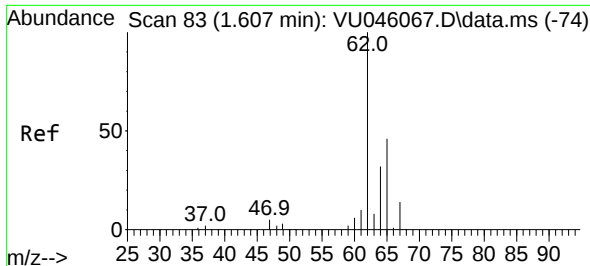
Tgt Ion: 85 Resp: 124752
Ion Ratio Lower Upper
85 100
87 33.0 25.7 38.5



#3
Chloromethane
Concen: 47.485 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU046086.D
Acq: 03 Dec 2021 19:54

Tgt Ion: 50 Resp: 103032
Ion Ratio Lower Upper
50 100
52 32.8 23.2 43.2

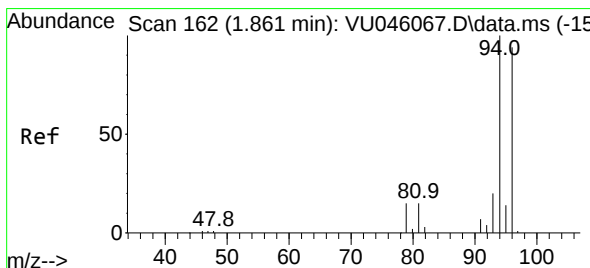
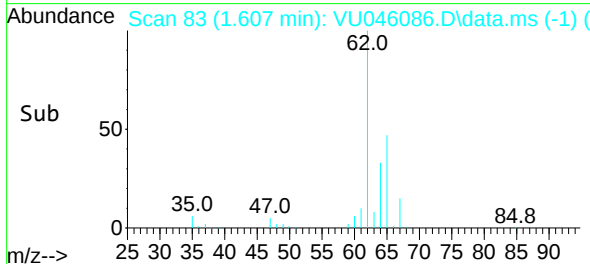
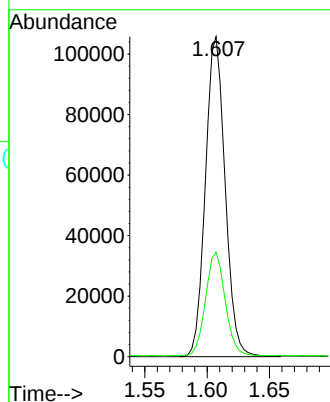
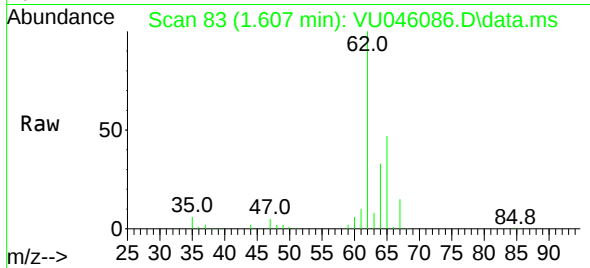




#5
 Vinyl chloride
 Concen: 53.183 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU046086.D
 Acq: 03 Dec 2021 19:54

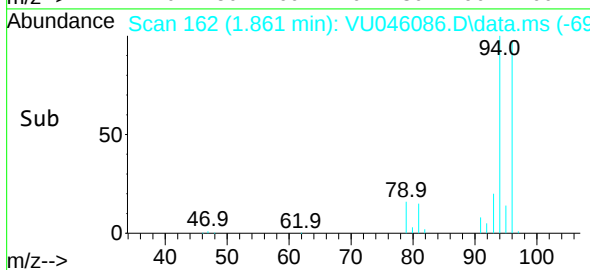
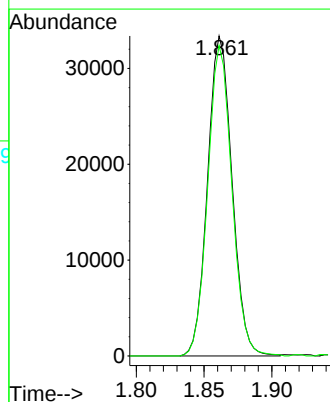
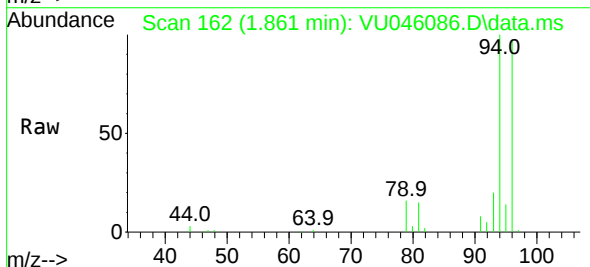
Instrument :
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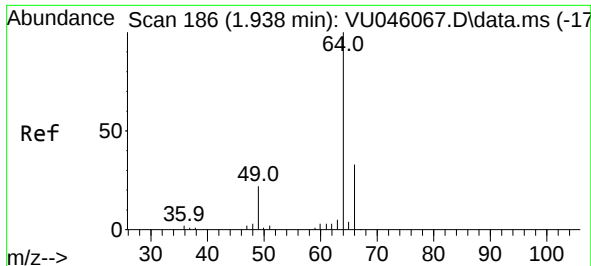
Tgt Ion: 62 Resp: 116353
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.9 42.5



#6
 Bromomethane
 Concen: 33.901 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU046086.D
 Acq: 03 Dec 2021 19:54

Tgt Ion: 94 Resp: 42038
 Ion Ratio Lower Upper
 94 100
 96 97.0 67.4 125.2

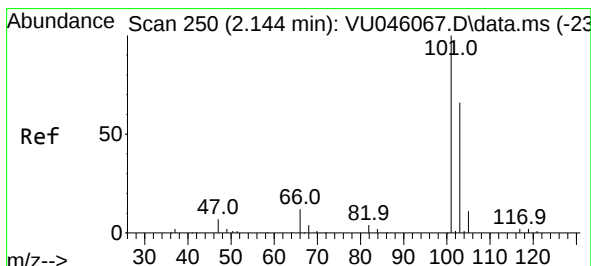
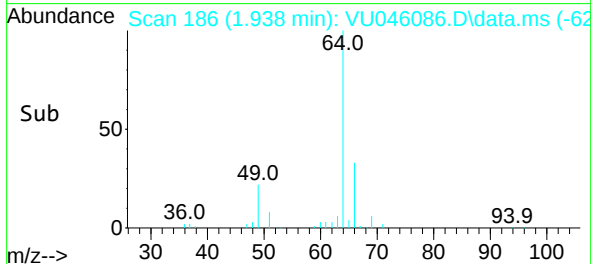
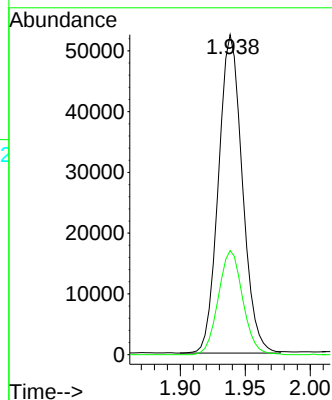
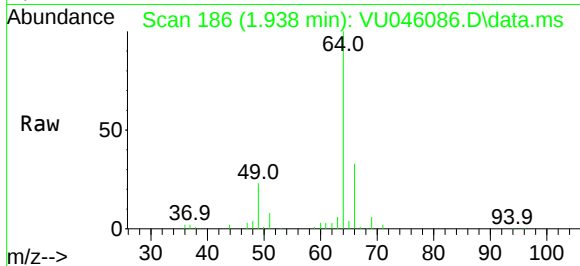




#8
Chloroethane
Concen: 52.840 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046086.D
Acq: 03 Dec 2021 19:54

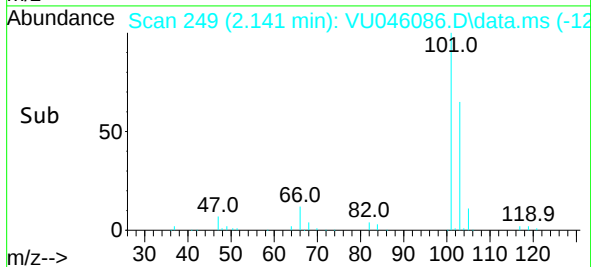
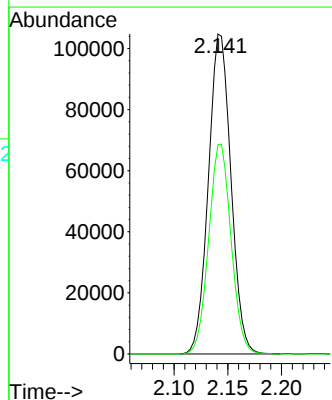
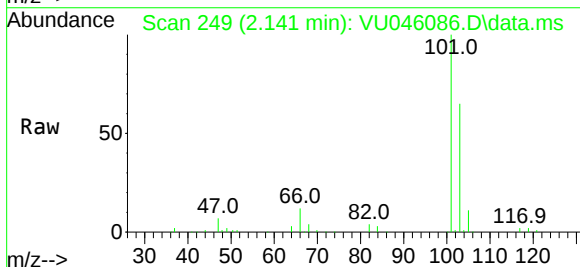
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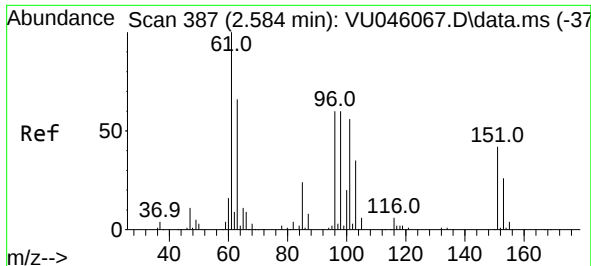
Tgt Ion: 64 Resp: 66934
Ion Ratio Lower Upper
64 100
66 32.5 22.5 41.9



#9
Trichlorofluoromethane
Concen: 53.486 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU046086.D
Acq: 03 Dec 2021 19:54

Tgt Ion:101 Resp: 152771
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.6

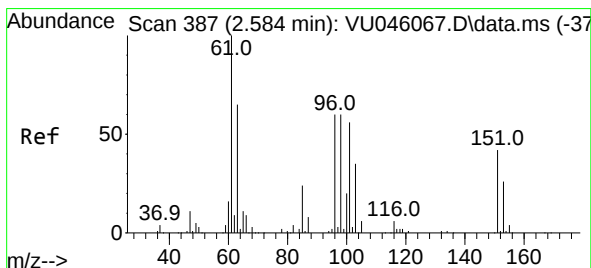
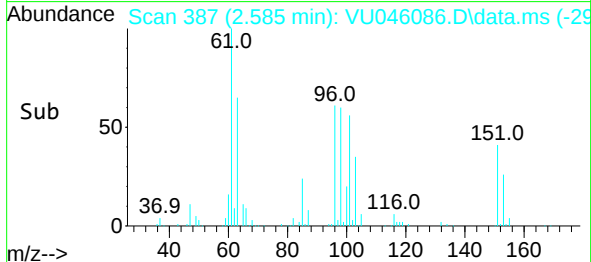
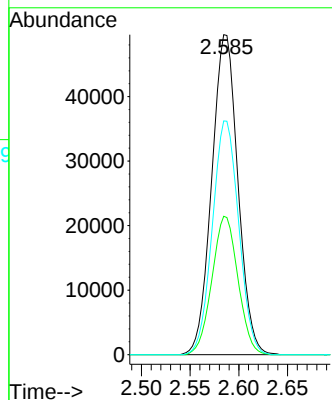
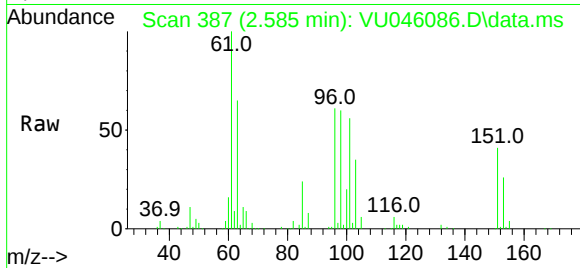




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 57.148 ug/L
 RT: 2.585 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU046086.D
 Acq: 03 Dec 2021 19:54

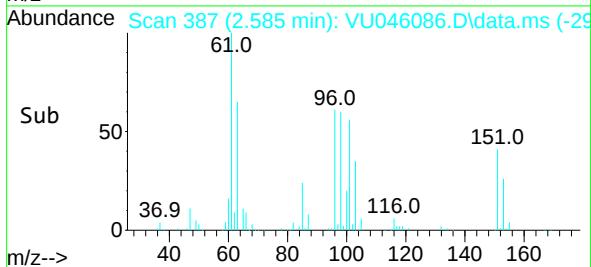
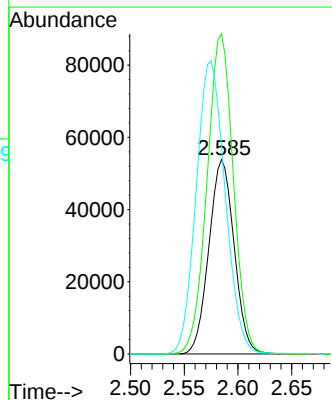
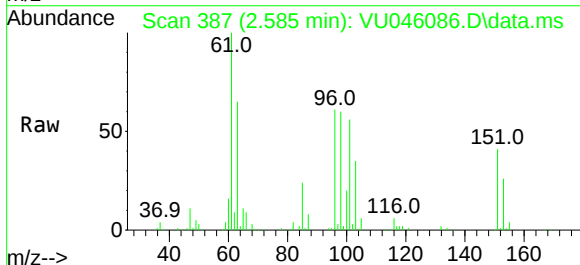
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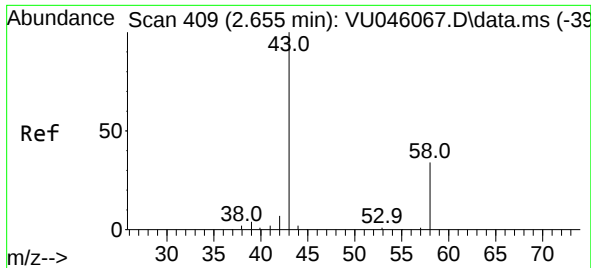
Tgt Ion:101 Resp: 92718
 Ion Ratio Lower Upper
 101 100
 85 42.9 35.1 52.7
 151 73.5 56.7 85.1



#12
 1,1-Dichloroethene
 Concen: 57.007 ug/L
 RT: 2.585 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU046086.D
 Acq: 03 Dec 2021 19:54

Tgt Ion: 96 Resp: 87888
 Ion Ratio Lower Upper
 96 100
 61 164.8 118.6 220.2
 63 106.8 93.0 172.8





#13

Acetone

Concen: 66.884 ug/L

RT: 2.655 min Scan# 409

Delta R.T. -0.006 min

Lab File: VU046086.D

Acq: 03 Dec 2021 19:54

Instrument :

MSVOA_U

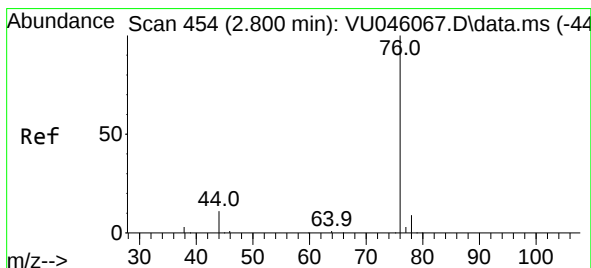
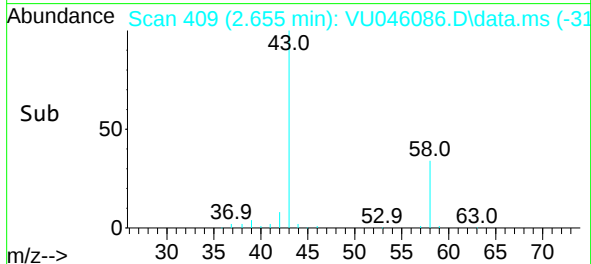
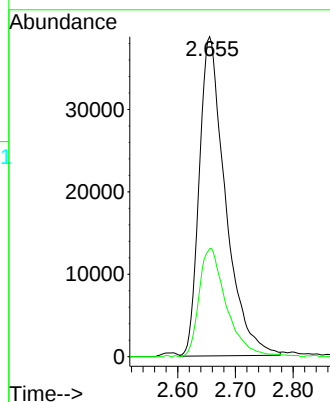
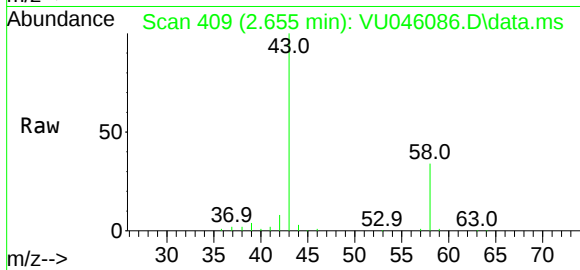
ClientSampleId :

Tgt Ion: 43 Resp: 122050

Ion Ratio Lower Upper

43 100

58 35.4 0.0 66.8



#14

Carbon disulfide

Concen: 55.411 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.003 min

Lab File: VU046086.D

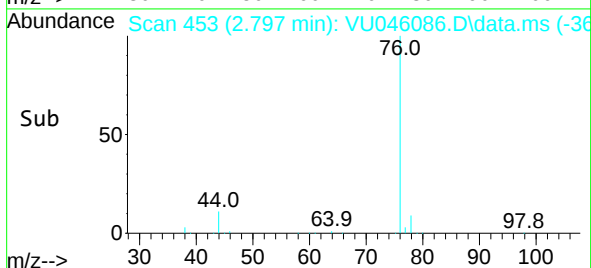
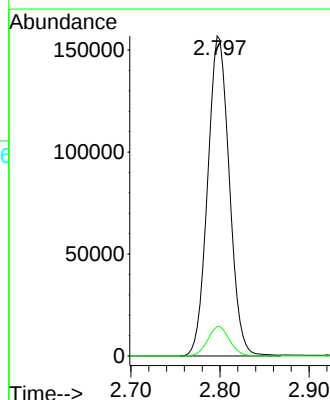
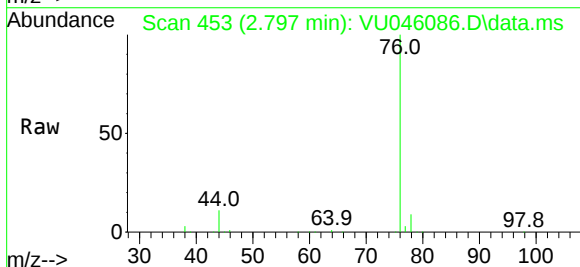
Acq: 03 Dec 2021 19:54

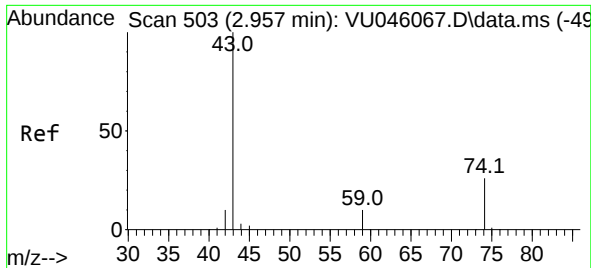
Tgt Ion: 76 Resp: 265042

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

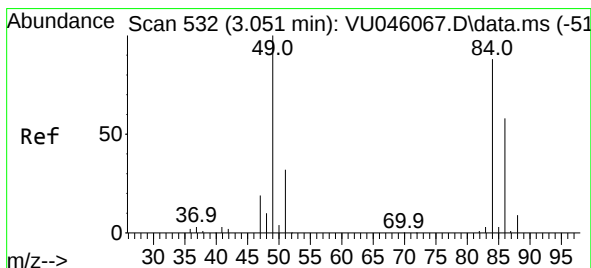
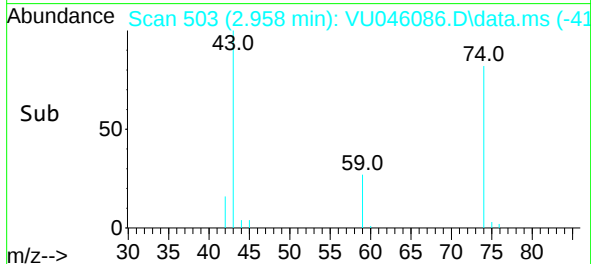
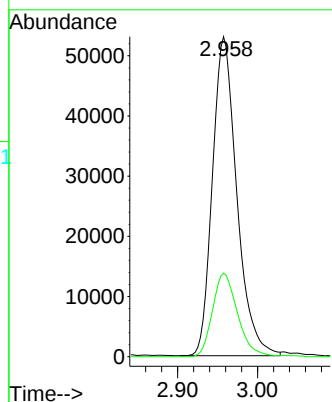
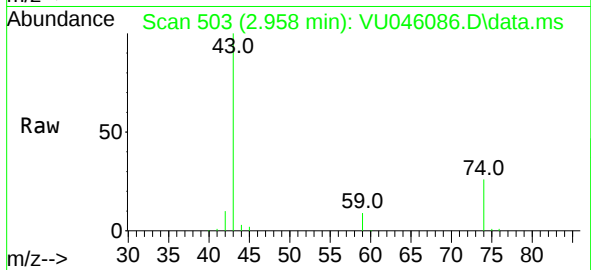




#15
Methyl Acetate
Concen: 52.787 ug/L
RT: 2.958 min Scan# 503
Delta R.T. -0.003 min
Lab File: VU046086.D
Acq: 03 Dec 2021 19:54

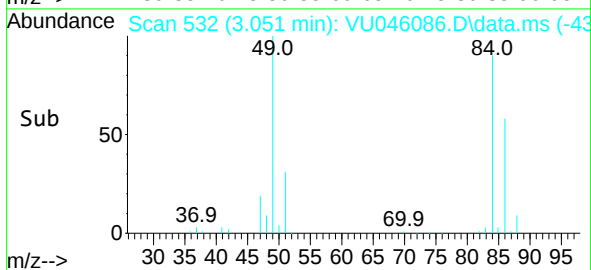
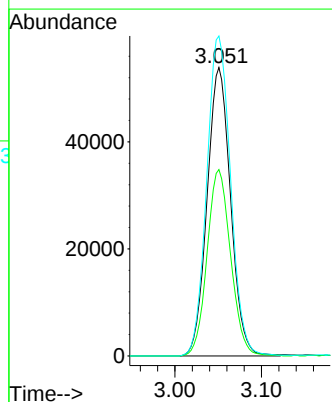
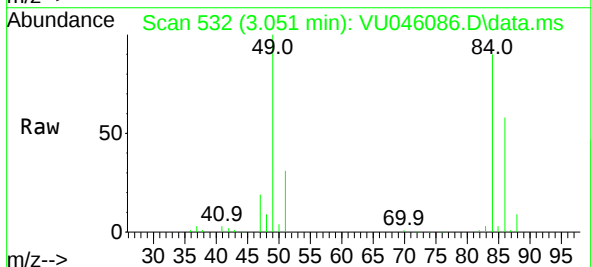
Instrument :
MSVOA_U
ClientSampleId :

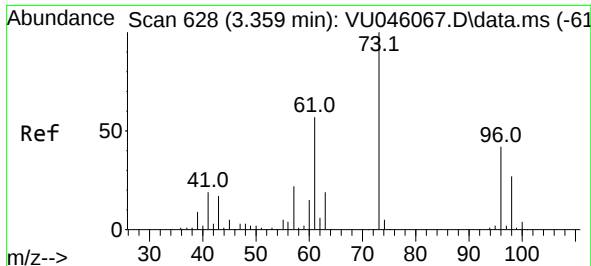
Tgt Ion: 43 Resp: 112292
Ion Ratio Lower Upper
43 100
74 26.8 20.8 31.2



#16
Methylene chloride
Concen: 55.471 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU046086.D
Acq: 03 Dec 2021 19:54

Tgt Ion: 84 Resp: 101748
Ion Ratio Lower Upper
84 100
86 64.6 44.7 83.1
49 110.9 78.4 145.6





#17

trans-1,2-Dichloroethene

Concen: 58.842 ug/L

RT: 3.359 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU046086.D

Acq: 03 Dec 2021 19:54

Instrument :

MSVOA_U

ClientSampleId :

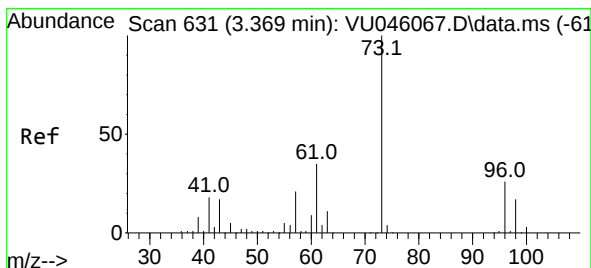
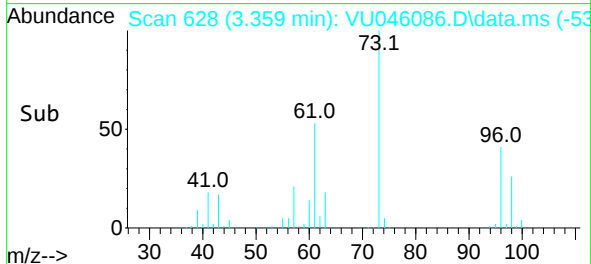
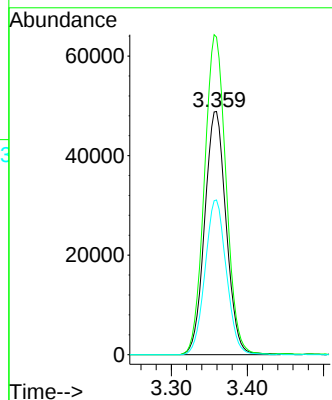
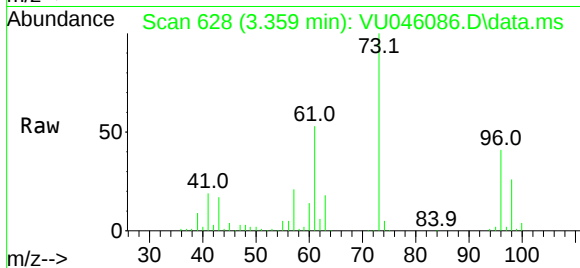
Tgt Ion: 96 Resp: 96003

Ion Ratio Lower Upper

96 100

61 130.6 94.6 175.6

98 63.6 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 60.734 ug/L

RT: 3.366 min Scan# 630

Delta R.T. -0.003 min

Lab File: VU046086.D

Acq: 03 Dec 2021 19:54

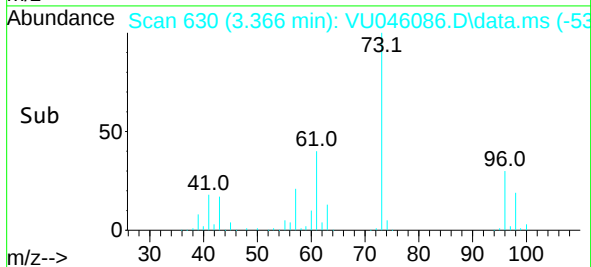
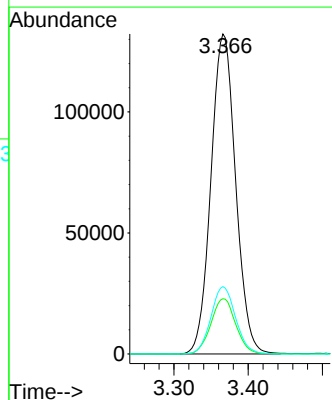
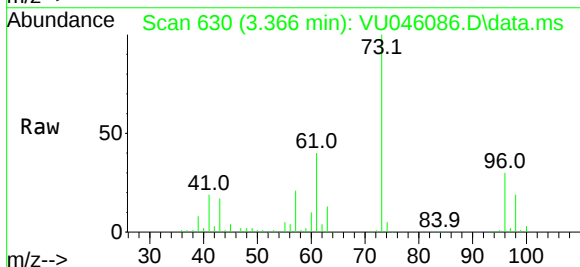
Tgt Ion: 73 Resp: 305378

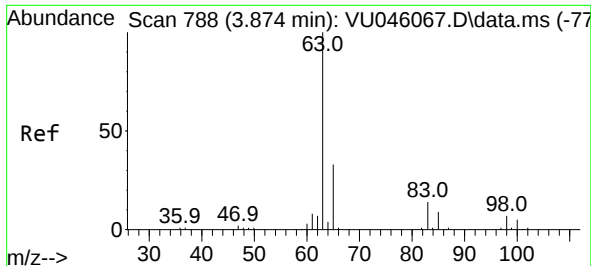
Ion Ratio Lower Upper

73 100

43 17.4 14.0 21.0

57 21.0 17.0 25.4





#19

1,1-Dichloroethane

Concen: 58.163 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU046086.D

Acq: 03 Dec 2021 19:54

Instrument :

MSVOA_U

ClientSampleId :

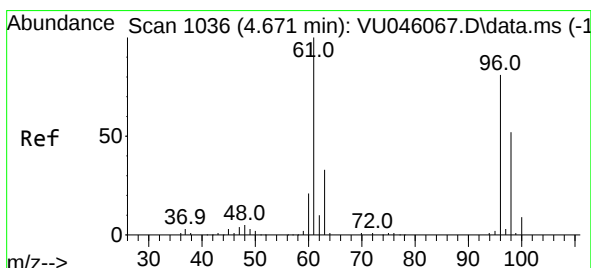
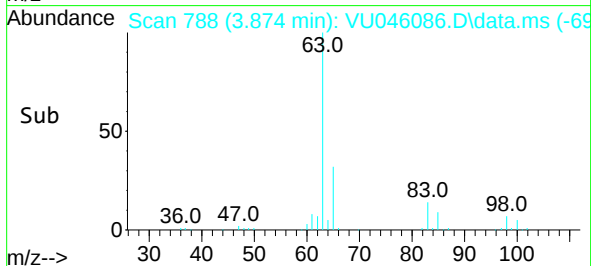
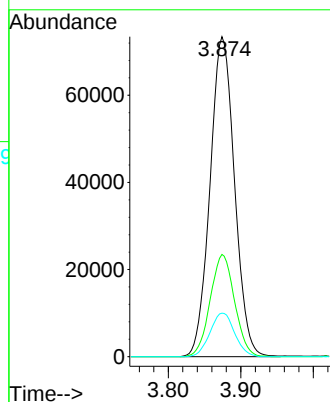
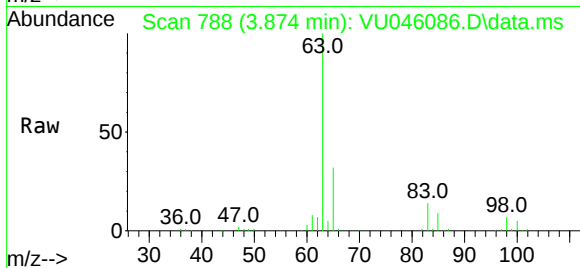
Tgt Ion: 63 Resp: 172539

Ion Ratio Lower Upper

63 100

65 31.9 22.8 42.4

83 13.6 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 58.783 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU046086.D

Acq: 03 Dec 2021 19:54

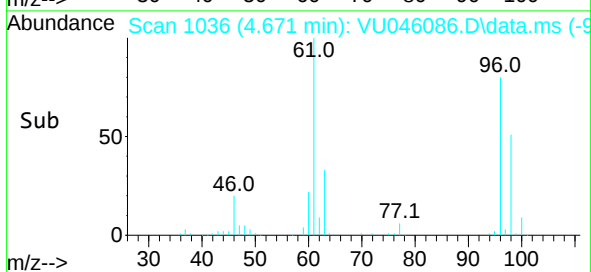
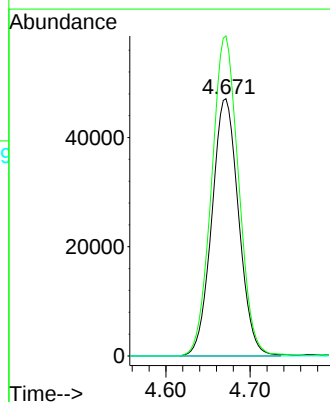
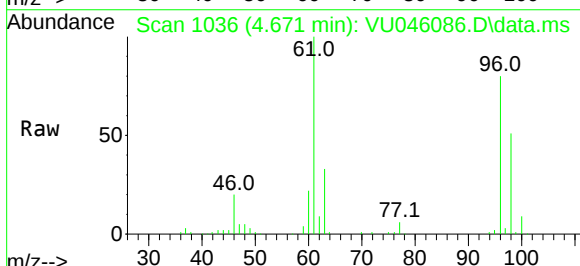
Tgt Ion: 96 Resp: 104064

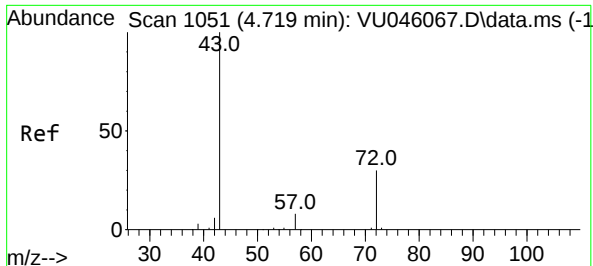
Ion Ratio Lower Upper

96 100

61 124.4 86.8 161.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 87.342 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. -0.006 min

Lab File: VU046086.D

Acq: 03 Dec 2021 19:54

Instrument :

MSVOA_U

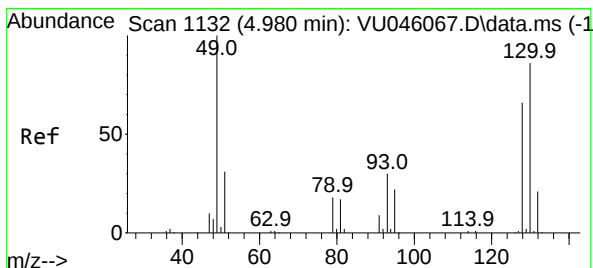
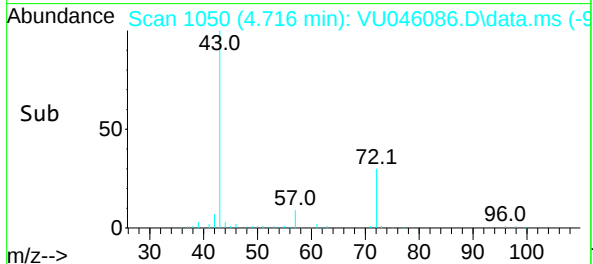
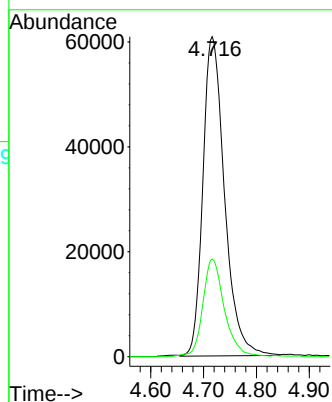
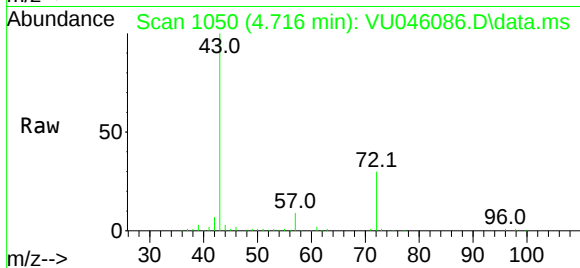
ClientSampleId :

Tgt Ion: 43 Resp: 173502

Ion Ratio Lower Upper

43 100

72 30.5 14.5 43.6



#23

Bromochloromethane

Concen: 60.278 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VU046086.D

Acq: 03 Dec 2021 19:54

Tgt Ion:128 Resp: 53895

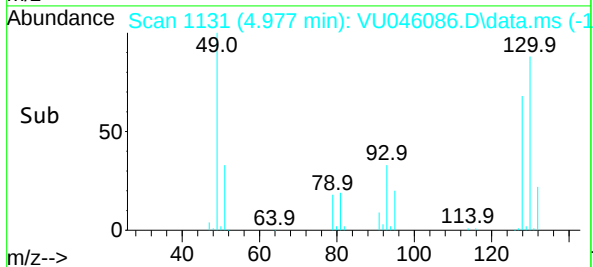
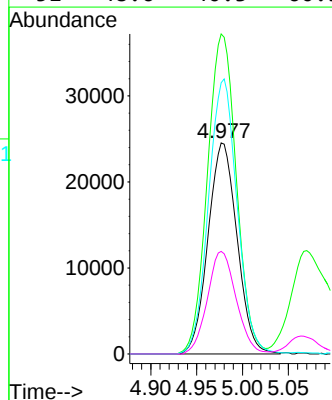
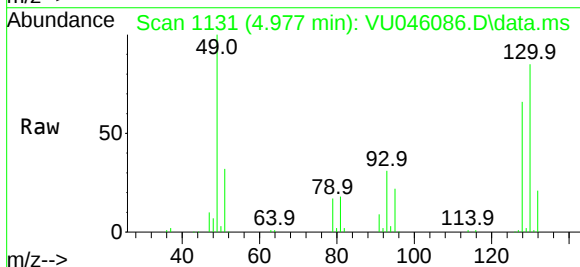
Ion Ratio Lower Upper

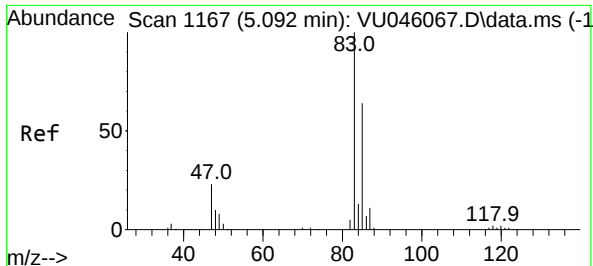
128 100

49 151.6 115.9 215.3

130 128.5 91.8 170.4

51 48.6 40.3 60.5





#25

Chloroform

Concen: 54.673 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046086.D

Acq: 03 Dec 2021 19:54

Instrument :

MSVOA_U

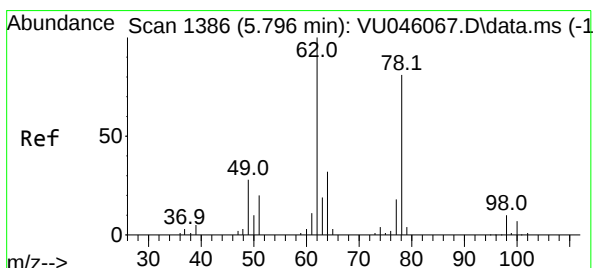
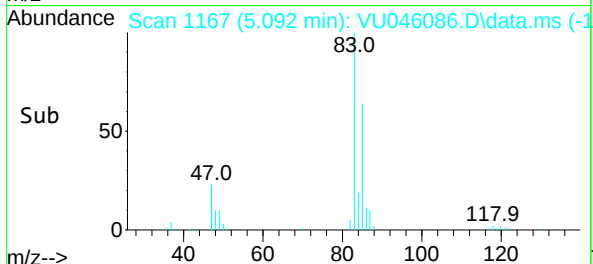
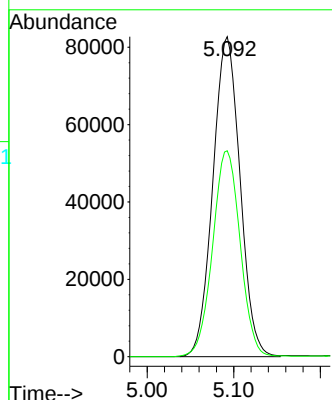
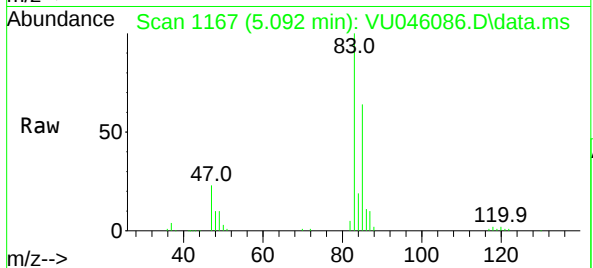
ClientSampleId :

Tgt Ion: 83 Resp: 180200

Ion Ratio Lower Upper

83 100

85 64.4 45.8 85.2



#27

1,2-Dichloroethane

Concen: 56.086 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU046086.D

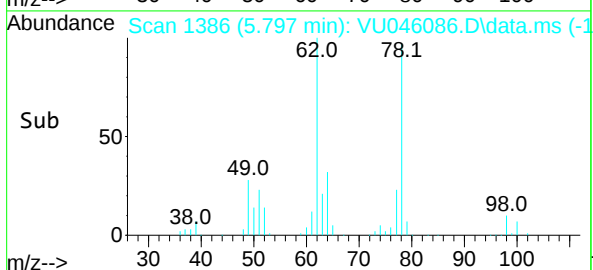
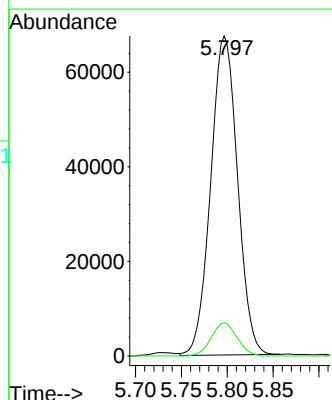
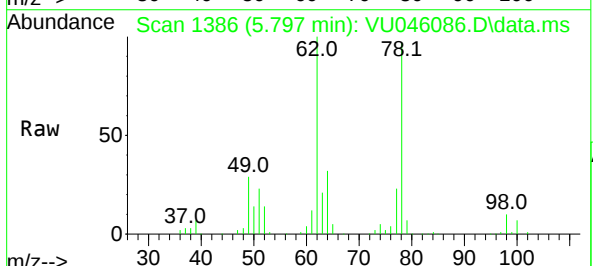
Acq: 03 Dec 2021 19:54

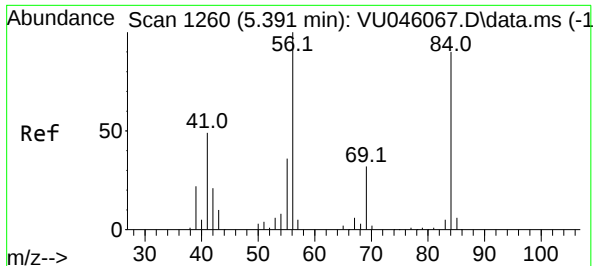
Tgt Ion: 62 Resp: 137175

Ion Ratio Lower Upper

62 100

98 10.4 7.9 11.9





#29

Cyclohexane

Concen: 61.578 ug/L

RT: 5.391 min Scan# 11

Delta R.T. -0.003 min

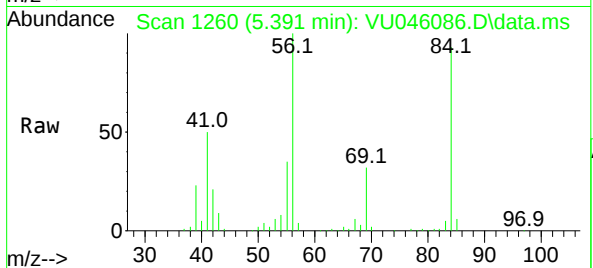
Lab File: VU046086.D

Acq: 03 Dec 2021 19:54

Instrument :

MSVOA_U

ClientSampleId :



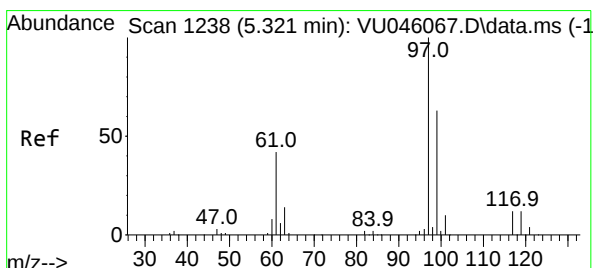
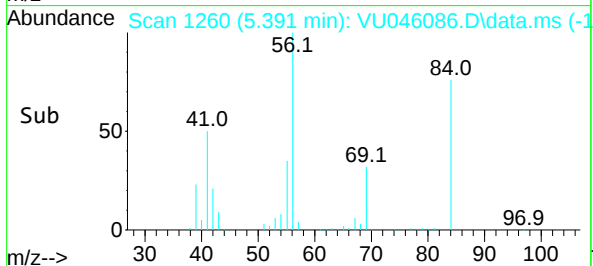
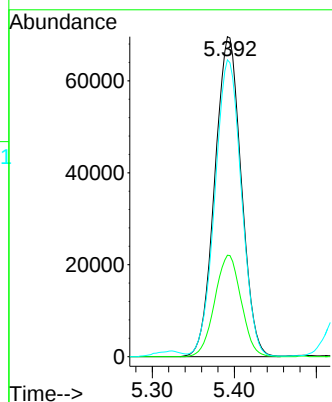
Tgt Ion: 56 Resp: 156405

Ion Ratio Lower Upper

56 100

69 31.6 25.2 37.8

84 92.8 73.3 109.9



#30

1,1,1-Trichloroethane

Concen: 59.653 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU046086.D

Acq: 03 Dec 2021 19:54

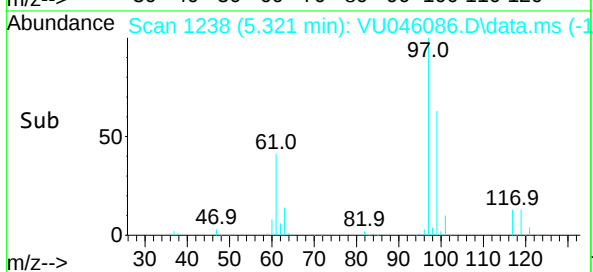
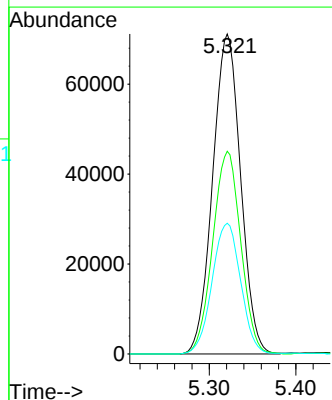
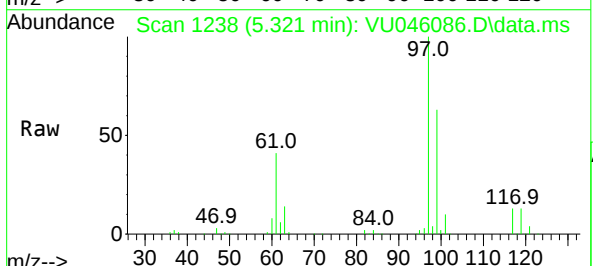
Tgt Ion: 97 Resp: 159724

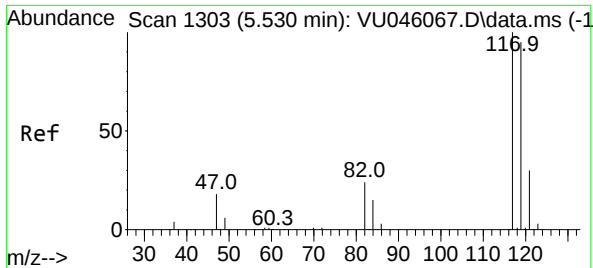
Ion Ratio Lower Upper

97 100

99 63.5 51.8 77.6

61 41.8 34.4 51.6

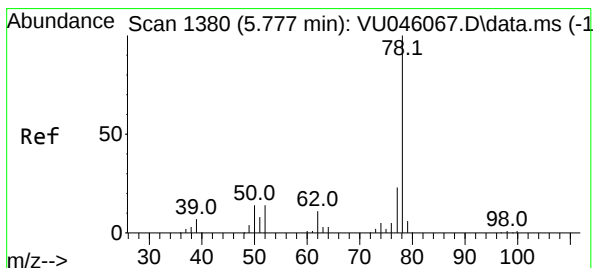
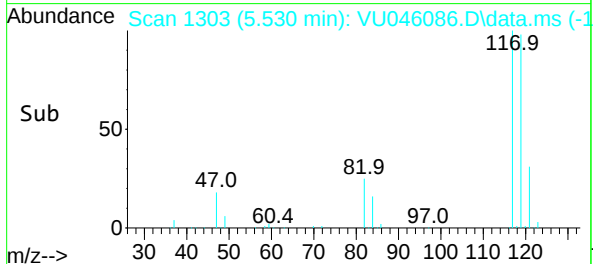
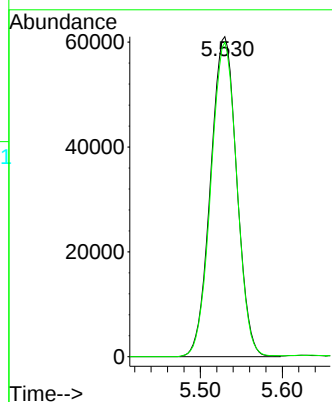
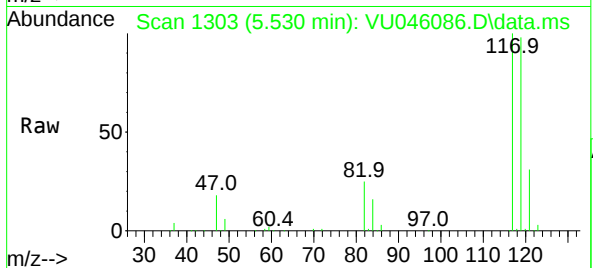




#31
Carbon tetrachloride
Concen: 59.597 ug/L
RT: 5.530 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046086.D
Acq: 03 Dec 2021 19:54

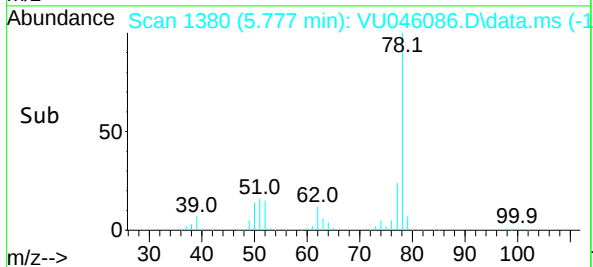
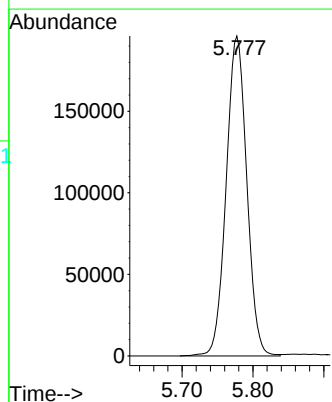
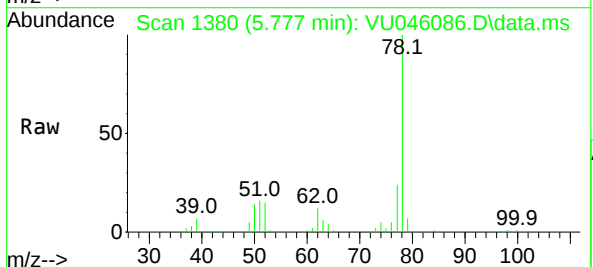
Instrument :
MSVOA_U
ClientSampleId :

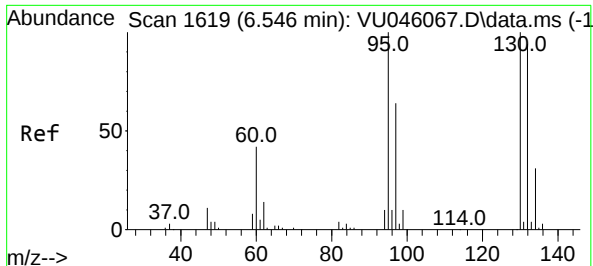
Tgt Ion:117 Resp: 135471
Ion Ratio Lower Upper
117 100
119 97.1 75.7 113.5



#33
Benzene
Concen: 59.994 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU046086.D
Acq: 03 Dec 2021 19:54

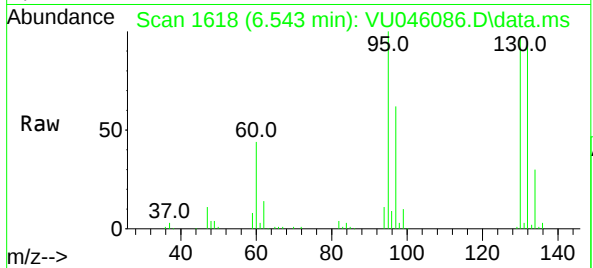
Tgt Ion: 78 Resp: 396072



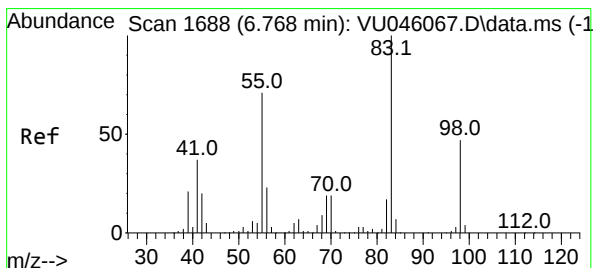
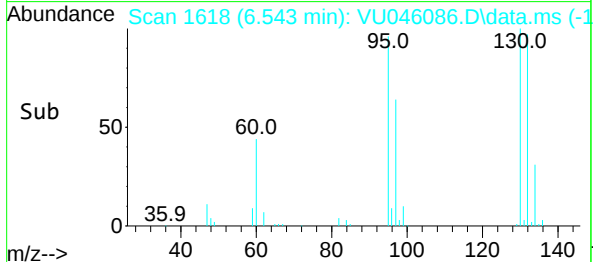
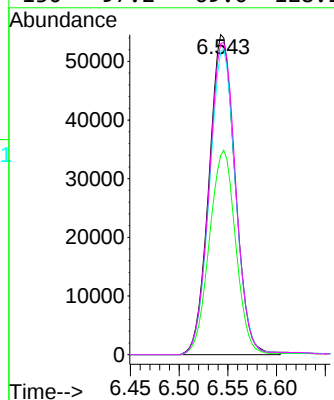


#34
Trichloroethene
Concen: 58.458 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046086.D
Acq: 03 Dec 2021 19:54

Instrument :
MSVOA_U
ClientSampleId :

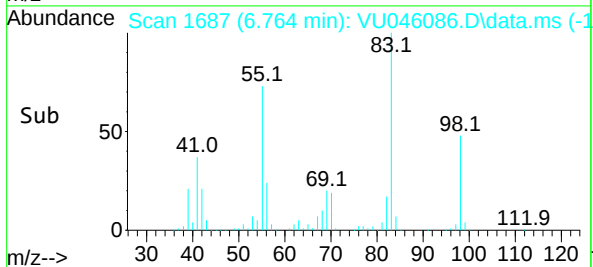
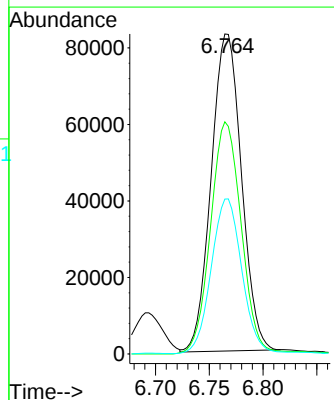
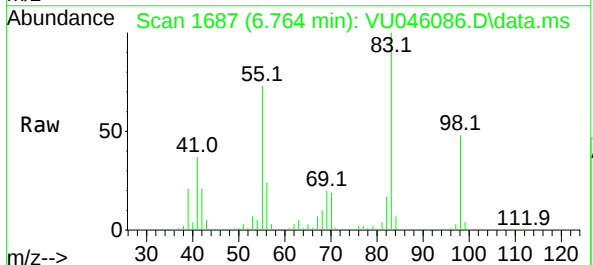


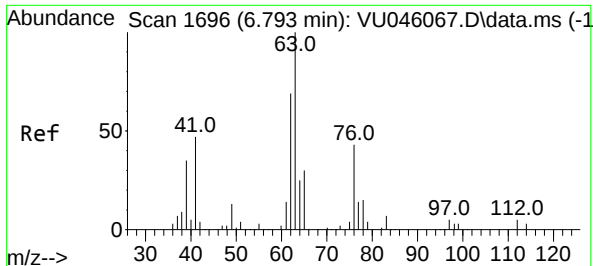
Tgt Ion: 95 Resp: 101672
Ion Ratio Lower Upper
95 100
97 62.2 44.1 81.9
132 94.6 66.8 124.0
130 97.2 69.0 128.1



#35
Methylcyclohexane
Concen: 60.144 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU046086.D
Acq: 03 Dec 2021 19:54

Tgt Ion: 83 Resp: 162194
Ion Ratio Lower Upper
83 100
55 75.2 57.8 86.6
98 49.5 38.4 57.6





#37

1,2-Dichloropropane

Concen: 59.350 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU046086.D

Acq: 03 Dec 2021 19:54

Instrument :

MSVOA_U

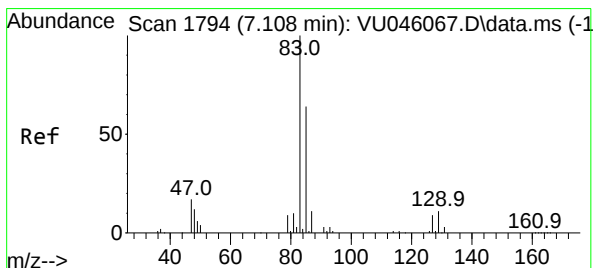
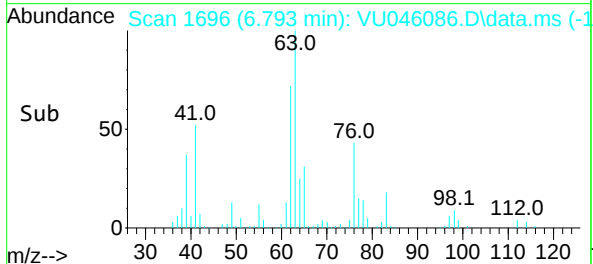
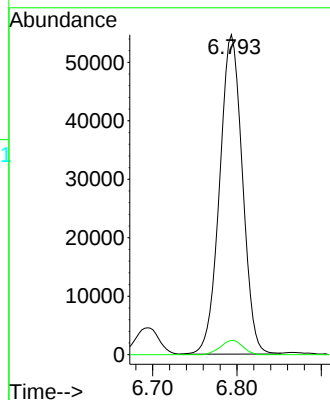
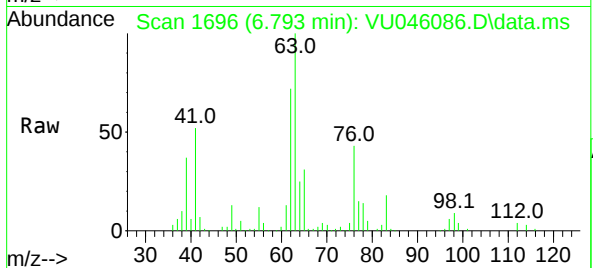
ClientSampleId :

Tgt Ion: 63 Resp: 102641

Ion Ratio Lower Upper

63 100

112 4.4 3.8 5.6



#38

Bromodichloromethane

Concen: 59.006 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU046086.D

Acq: 03 Dec 2021 19:54

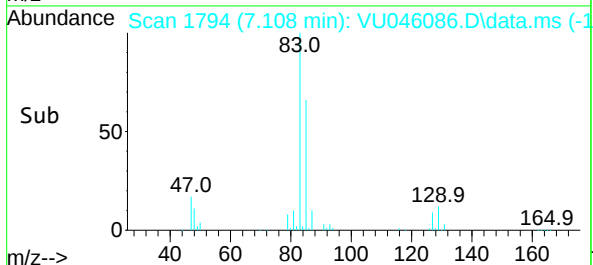
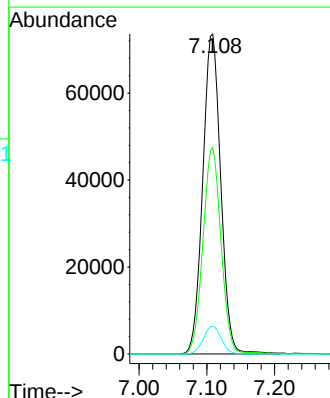
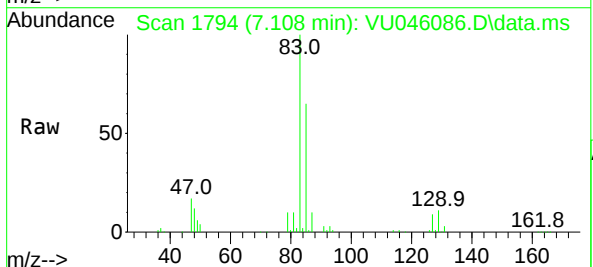
Tgt Ion: 83 Resp: 135636

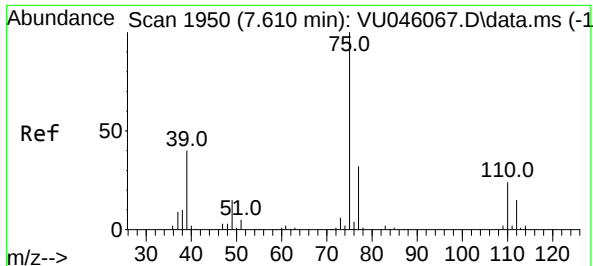
Ion Ratio Lower Upper

83 100

85 64.6 44.4 82.5

127 8.7 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 62.459 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU046086.D

Acq: 03 Dec 2021 19:54

Instrument :

MSVOA_U

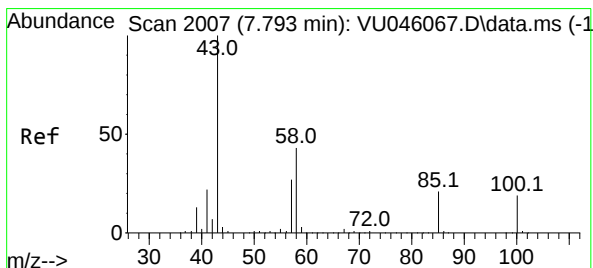
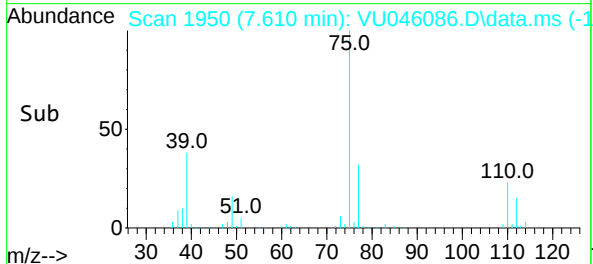
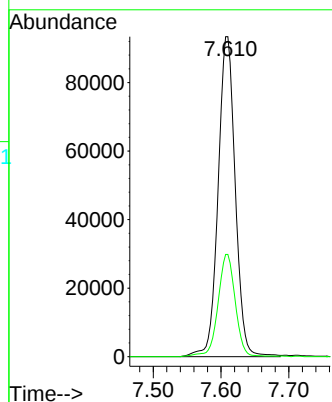
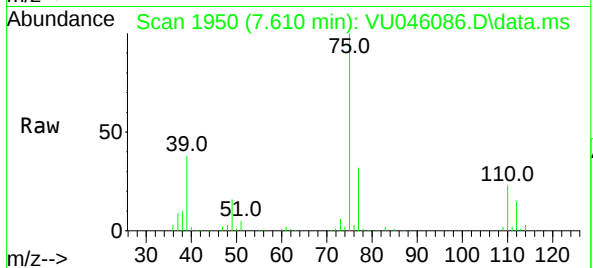
ClientSampleId :

Tgt Ion: 75 Resp: 164325

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 116.358 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU046086.D

Acq: 03 Dec 2021 19:54

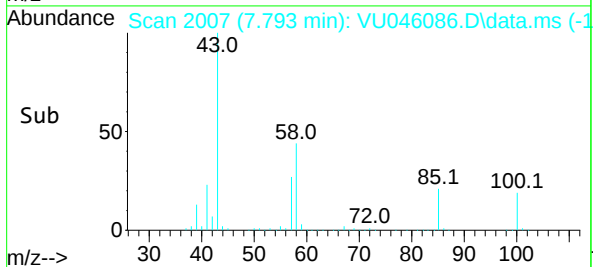
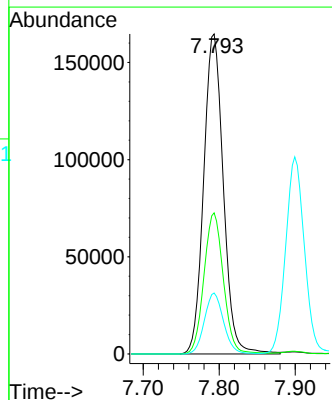
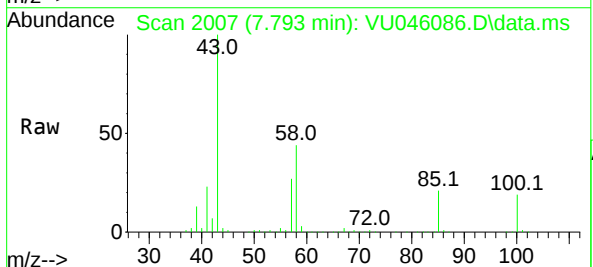
Tgt Ion: 43 Resp: 295658

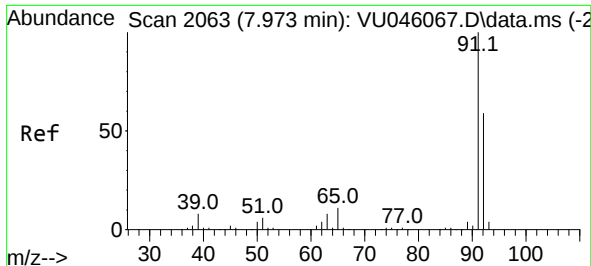
Ion Ratio Lower Upper

43 100

58 43.6 34.2 51.4

100 18.6 14.5 21.7





#42

Toluene

Concen: 61.434 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU046086.D

Acq: 03 Dec 2021 19:54

Instrument :

MSVOA_U

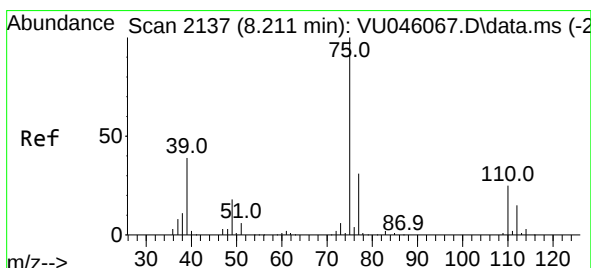
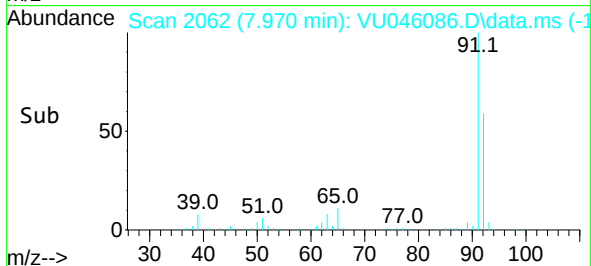
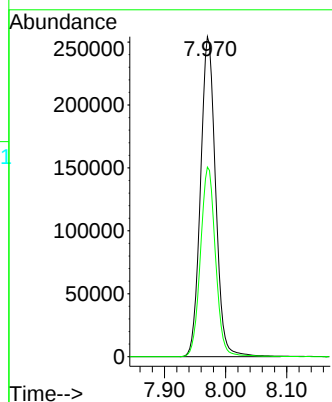
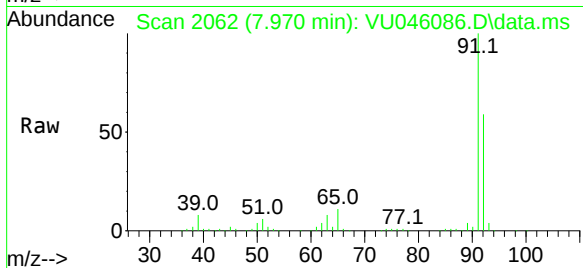
ClientSampleId :

Tgt Ion: 91 Resp: 435197

Ion Ratio Lower Upper

91 100

92 59.2 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 60.226 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU046086.D

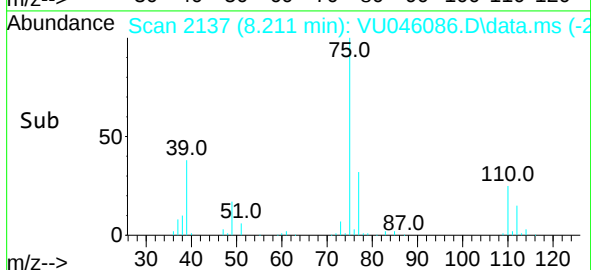
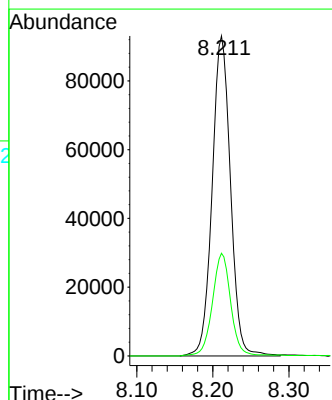
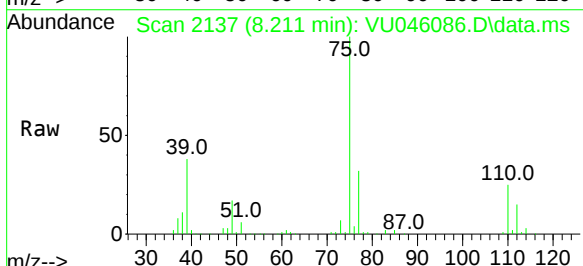
Acq: 03 Dec 2021 19:54

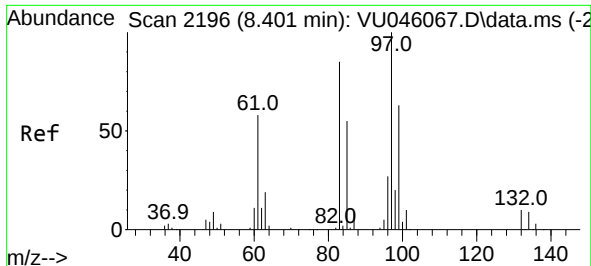
Tgt Ion: 75 Resp: 155625

Ion Ratio Lower Upper

75 100

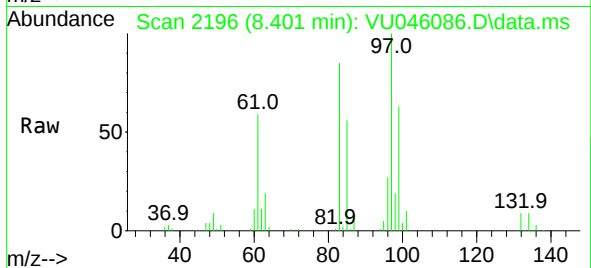
77 32.1 21.7 40.3





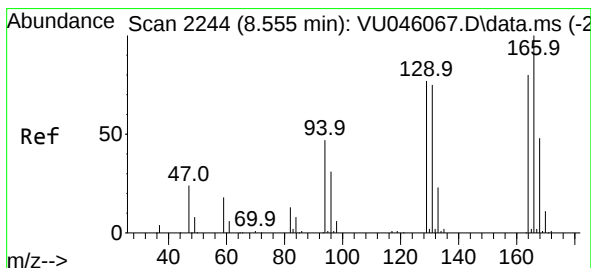
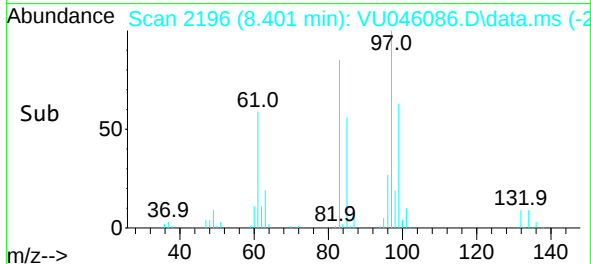
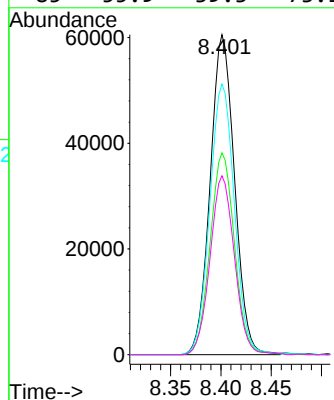
#45
1,1,2-Trichloroethane
Concen: 58.831 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU046086.D
Acq: 03 Dec 2021 19:54

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 102074

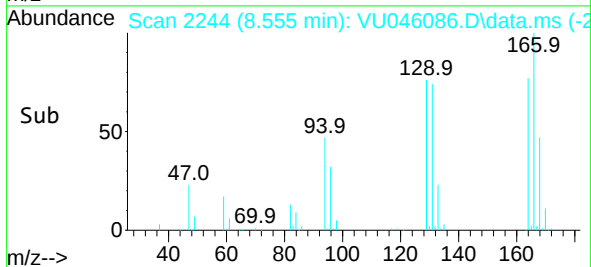
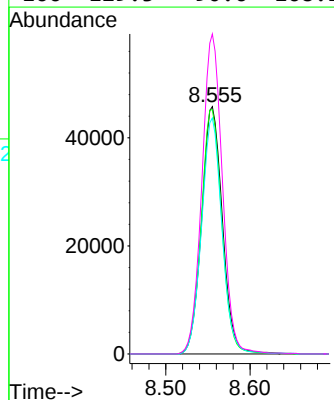
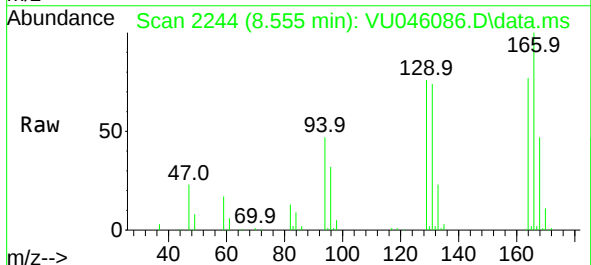
Ion	Ratio	Lower	Upper
97	100		
99	63.1	44.7	82.9
83	84.6	60.2	111.8
85	55.9	39.3	73.1

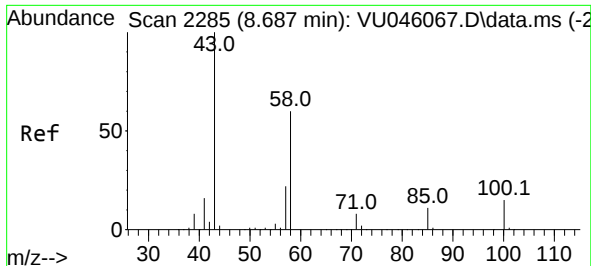


#46
Tetrachloroethene
Concen: 61.482 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046086.D
Acq: 03 Dec 2021 19:54

Tgt Ion: 164 Resp: 78581

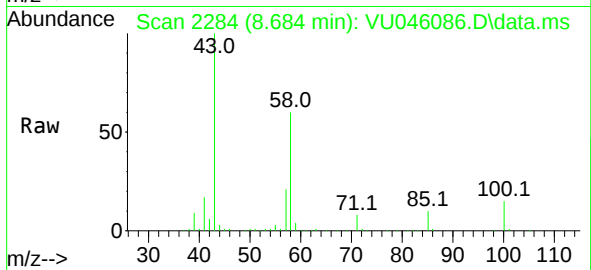
Ion	Ratio	Lower	Upper
164	100		
129	98.8	71.1	132.1
131	95.4	67.8	126.0
166	129.3	90.6	168.2



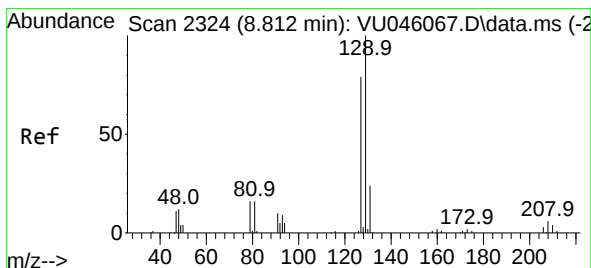
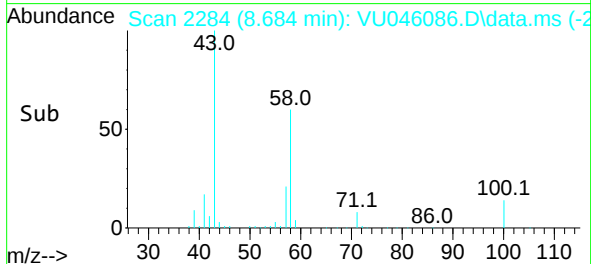
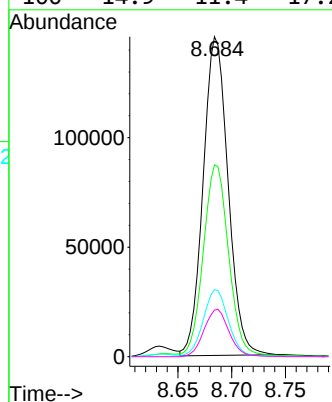


#48
2-Hexanone
Concen: 103.277 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046086.D
Acq: 03 Dec 2021 19:54

Instrument :
MSVOA_U
ClientSampleId :

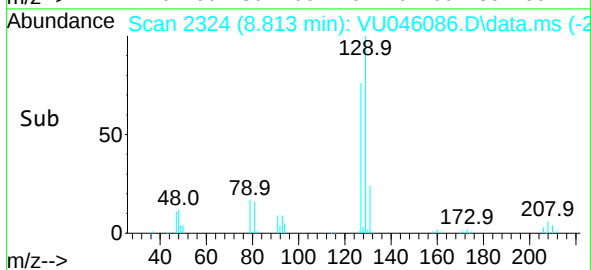
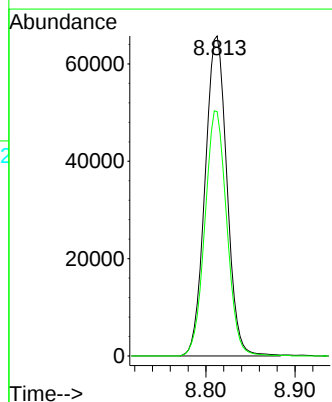
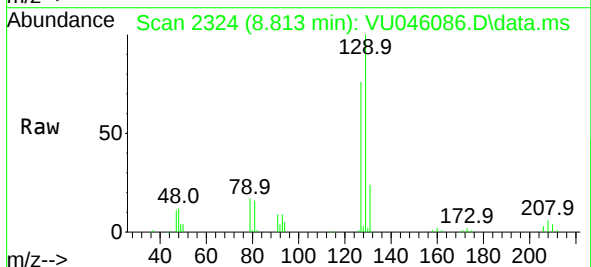


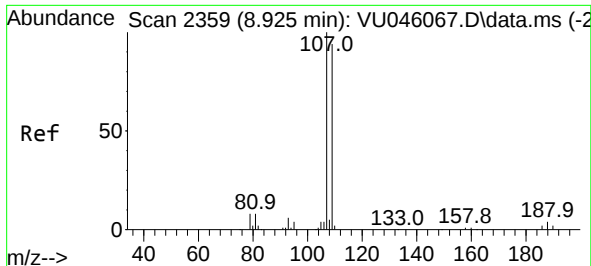
Tgt Ion: 43 Resp: 234688
Ion Ratio Lower Upper
43 100
58 61.2 47.4 71.2
57 21.1 16.6 25.0
100 14.9 11.4 17.2



#49
Dibromochloromethane
Concen: 61.434 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046086.D
Acq: 03 Dec 2021 19:54

Tgt Ion: 129 Resp: 111932
Ion Ratio Lower Upper
129 100
127 76.3 55.6 103.4





#50

1,2-Dibromoethane

Concen: 59.562 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

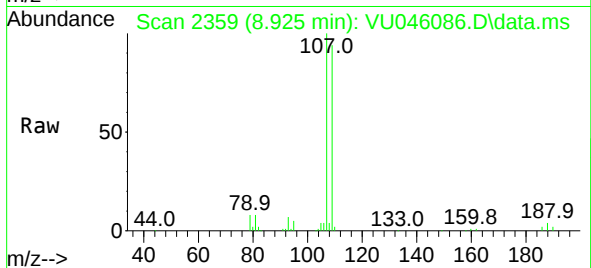
Lab File: VU046086.D

Acq: 03 Dec 2021 19:54

Instrument :

MSVOA_U

ClientSampleId :



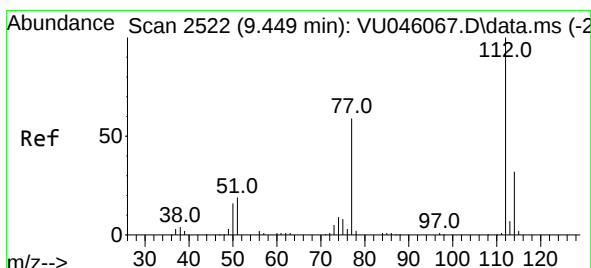
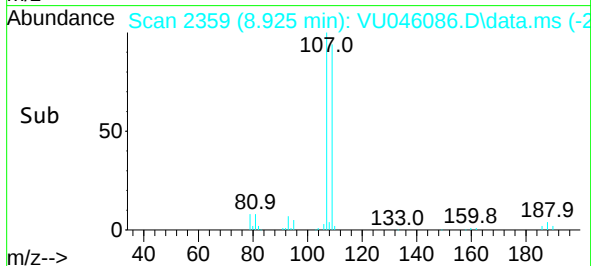
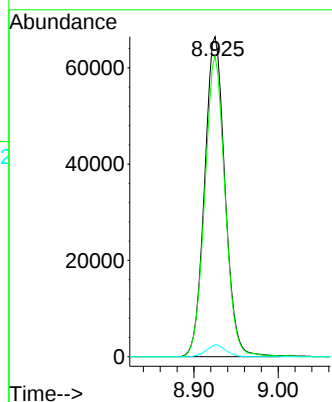
Tgt Ion:107 Resp: 112041

Ion Ratio Lower Upper

107 100

109 93.8 64.9 120.5

188 3.7 2.6 3.8



#51

Chlorobenzene

Concen: 59.898 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU046086.D

Acq: 03 Dec 2021 19:54

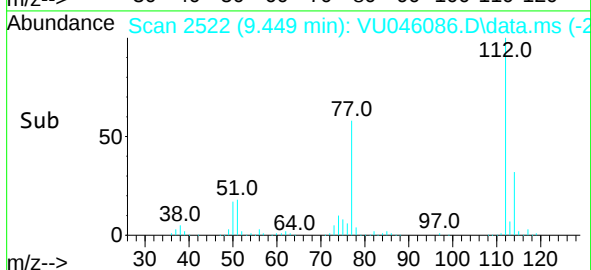
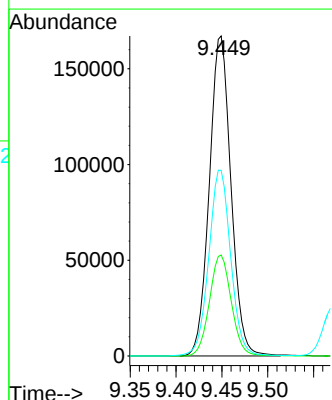
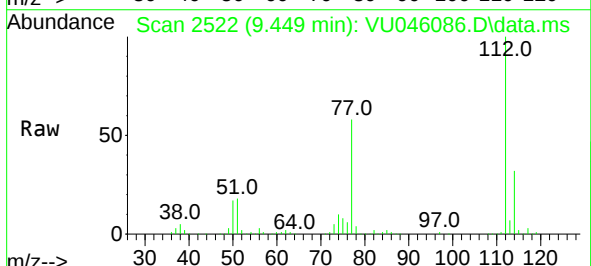
Tgt Ion:112 Resp: 274514

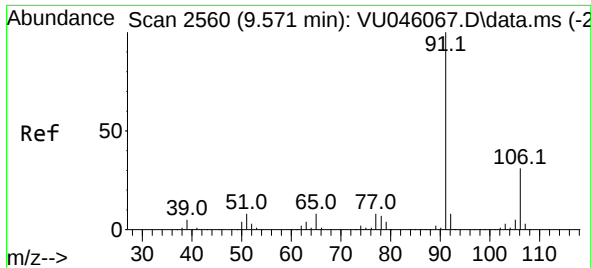
Ion Ratio Lower Upper

112 100

114 31.6 22.2 41.2

77 58.0 47.4 71.0

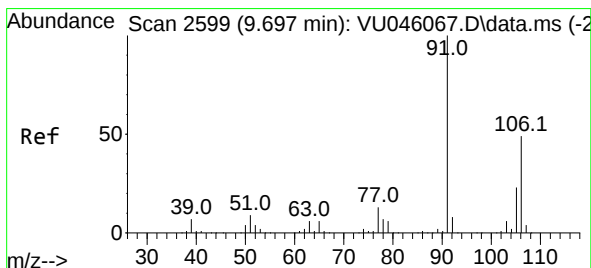
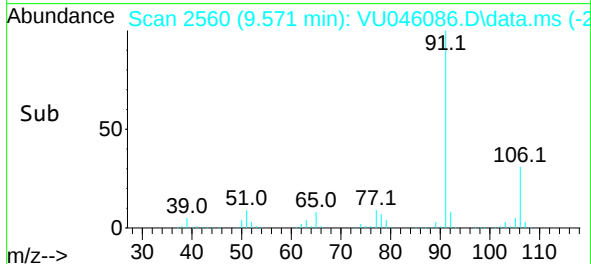
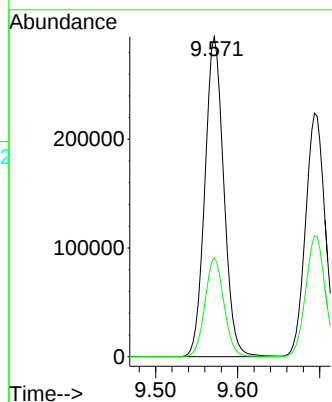
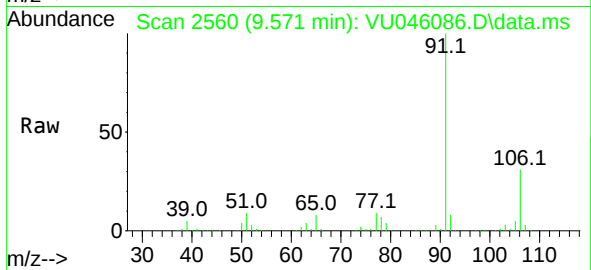




#52
Ethylbenzene
Concen: 61.683 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU046086.D
Acq: 03 Dec 2021 19:54

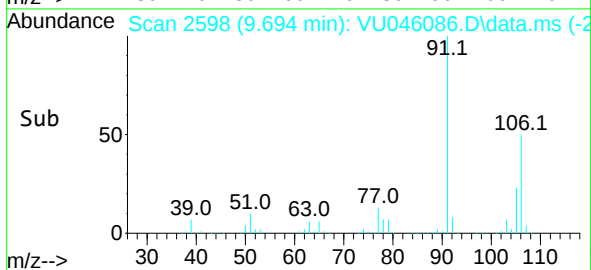
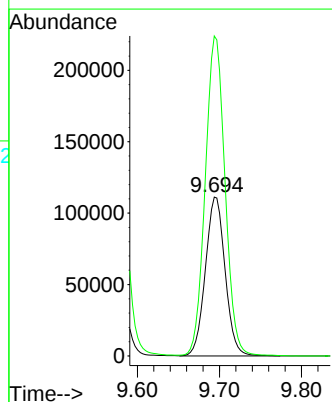
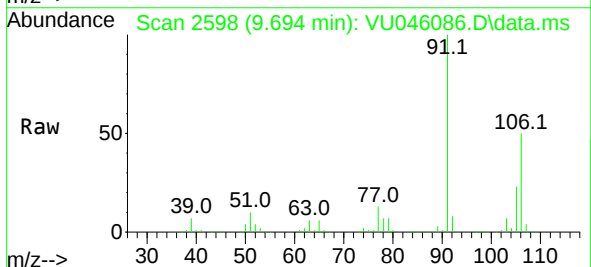
Instrument :
MSVOA_U
ClientSampleId :

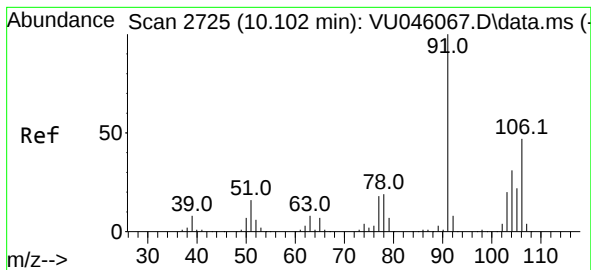
Tgt Ion: 91 Resp: 470267
Ion Ratio Lower Upper
91 100
106 30.9 21.1 39.3



#53
m,p-Xylene
Concen: 62.395 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU046086.D
Acq: 03 Dec 2021 19:54

Tgt Ion: 106 Resp: 185513
Ion Ratio Lower Upper
106 100
91 201.4 144.3 268.1





#54

o-xylene

Concen: 62.549 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. -0.003 min

Lab File: VU046086.D

Acq: 03 Dec 2021 19:54

Instrument :

MSVOA_U

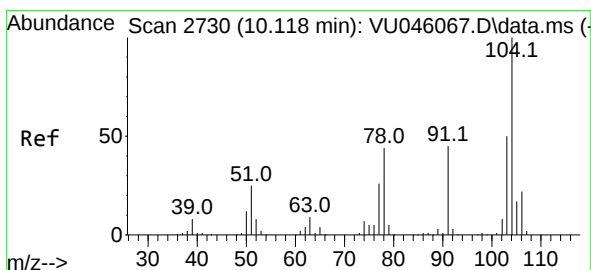
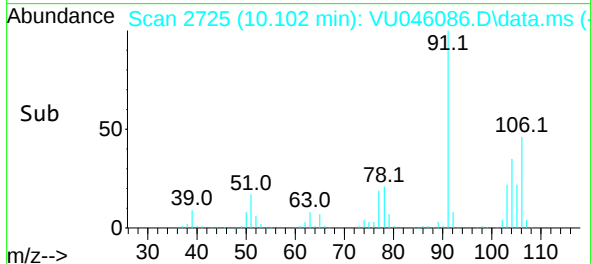
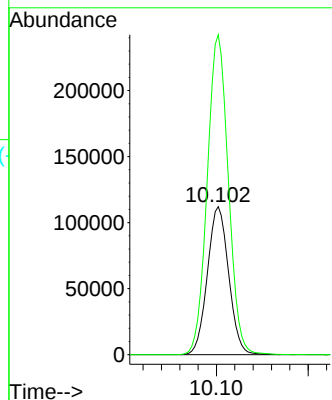
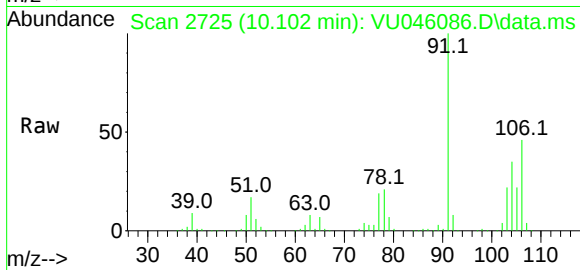
ClientSampleId :

Tgt Ion:106 Resp: 180455

Ion Ratio Lower Upper

106 100

91 216.3 154.2 286.4



#55

Styrene

Concen: 62.119 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.003 min

Lab File: VU046086.D

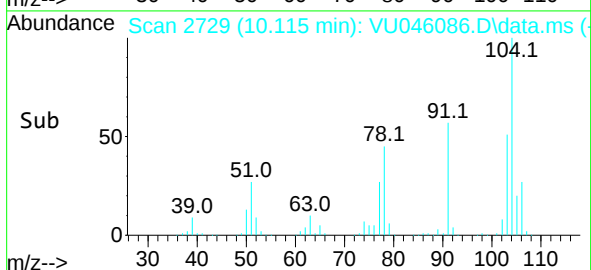
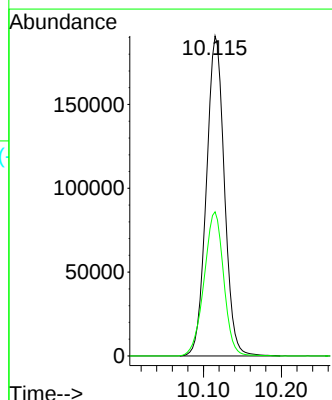
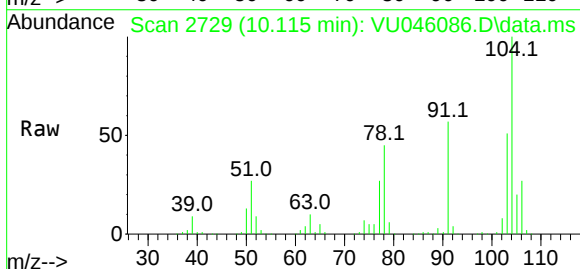
Acq: 03 Dec 2021 19:54

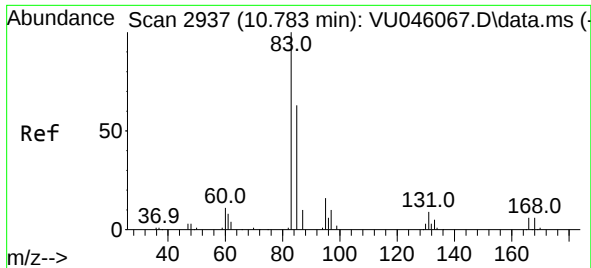
Tgt Ion:104 Resp: 305969

Ion Ratio Lower Upper

104 100

78 45.1 32.6 60.5

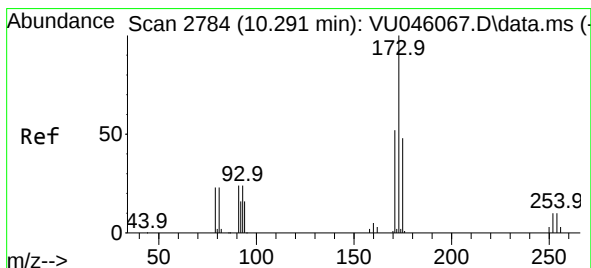
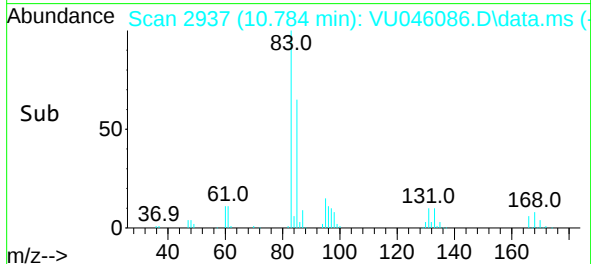
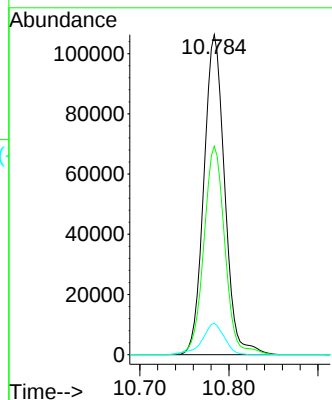
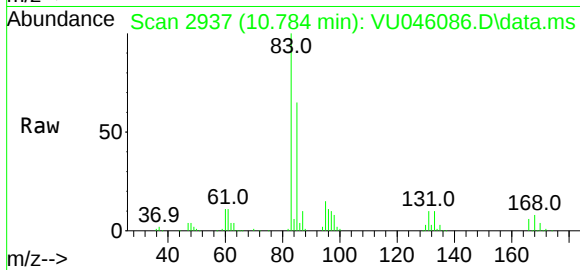




#57
1,1,2,2-Tetrachloroethane
Concen: 57.894 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU046086.D
Acq: 03 Dec 2021 19:54

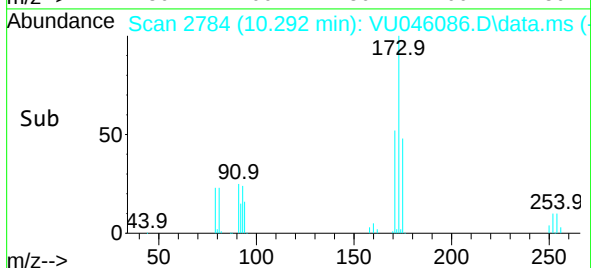
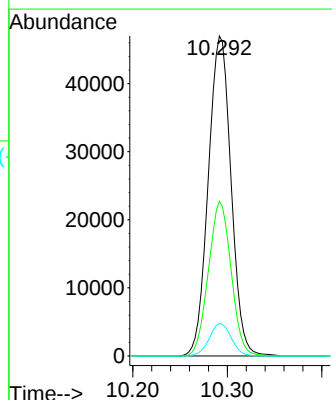
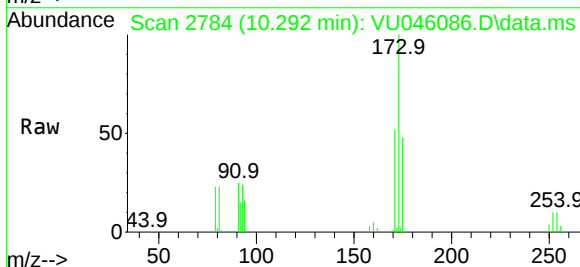
Instrument :
MSVOA_U
ClientSampleId :

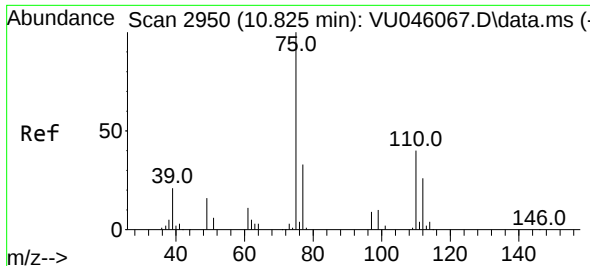
Tgt Ion: 83 Resp: 172215
Ion Ratio Lower Upper
83 100
85 65.1 45.6 84.6
131 9.8 7.8 11.6



#59
Bromoform
Concen: 58.061 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VU046086.D
Acq: 03 Dec 2021 19:54

Tgt Ion:173 Resp: 78635
Ion Ratio Lower Upper
173 100
175 48.1 39.2 58.8
254 9.8 7.4 11.2

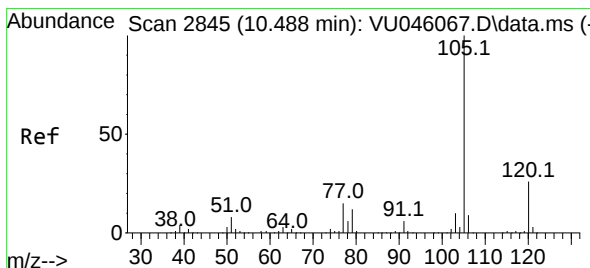
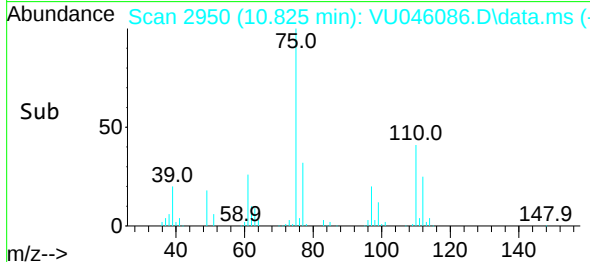
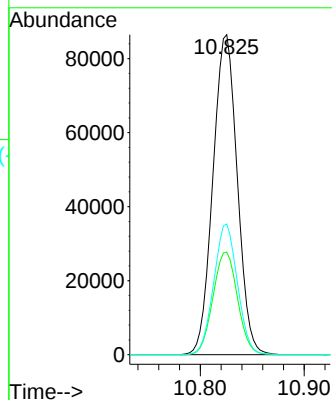
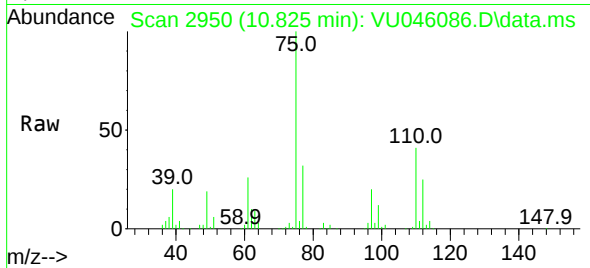




#60
1,2,3-Trichloropropane
Concen: 55.677 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU046086.D
Acq: 03 Dec 2021 19:54

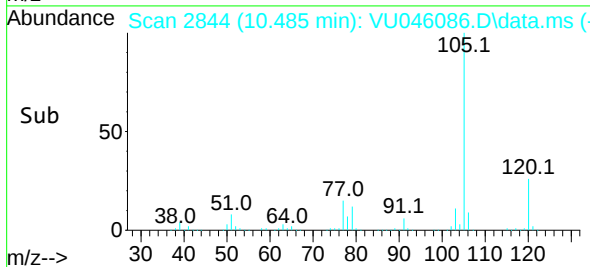
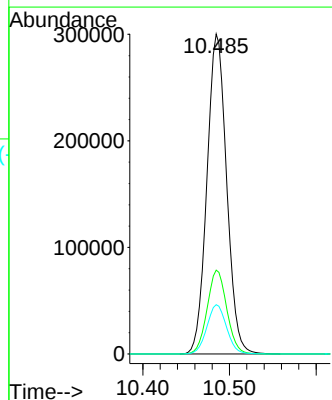
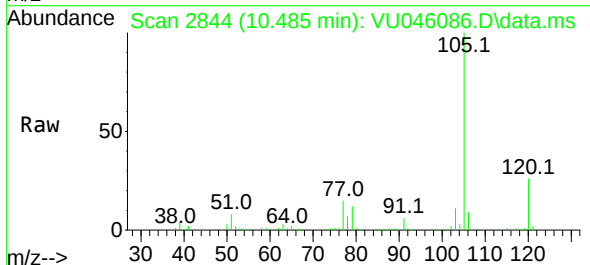
Instrument :
MSVOA_U
ClientSampleId :

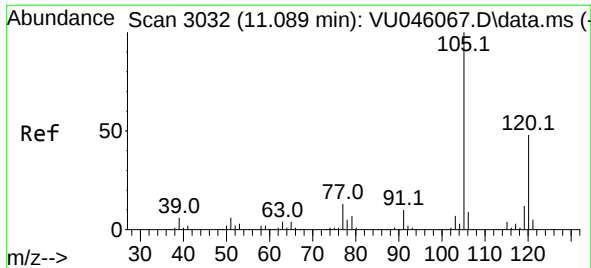
Tgt Ion: 75 Resp: 140905
Ion Ratio Lower Upper
75 100
77 32.3 26.4 39.6
110 39.8 32.4 48.6



#61
Isopropylbenzene
Concen: 63.112 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU046086.D
Acq: 03 Dec 2021 19:54

Tgt Ion: 105 Resp: 474071
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1
77 15.4 12.2 18.4





#62

1,3,5-Trimethylbenzene

Concen: 64.678 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.003 min

Lab File: VU046086.D

Acq: 03 Dec 2021 19:54

Instrument :

MSVOA_U

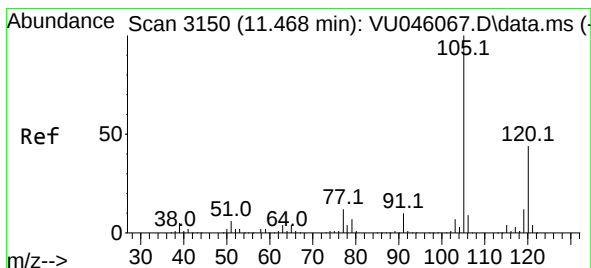
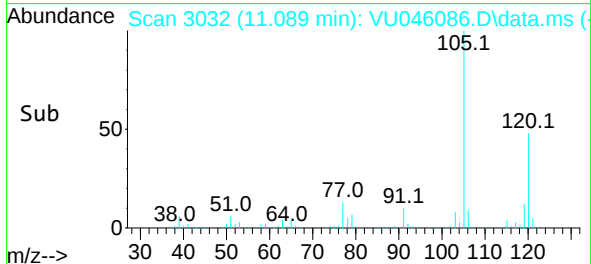
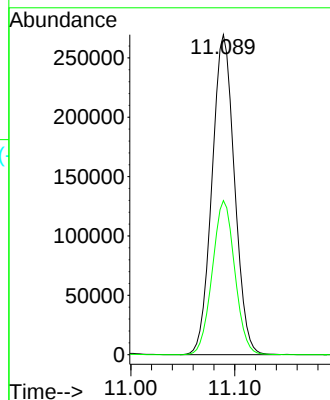
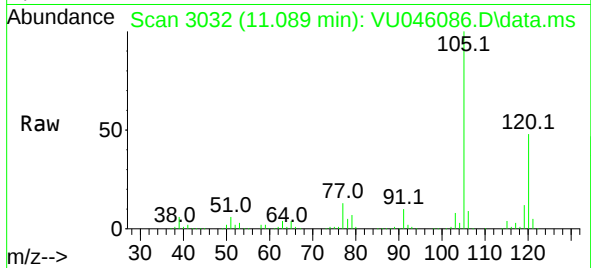
ClientSampleId :

Tgt Ion:105 Resp: 404953

Ion Ratio Lower Upper

105 100

120 48.2 37.8 56.6



#63

1,2,4-Trimethylbenzene

Concen: 64.769 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.003 min

Lab File: VU046086.D

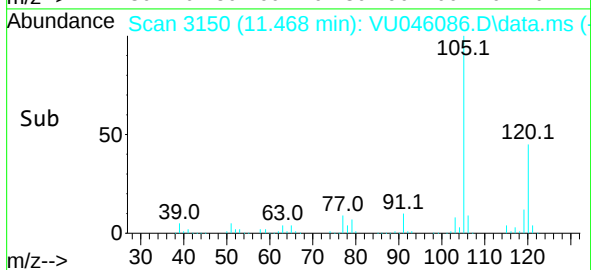
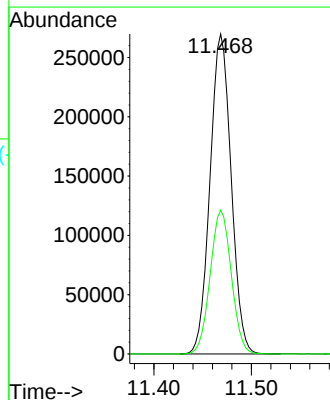
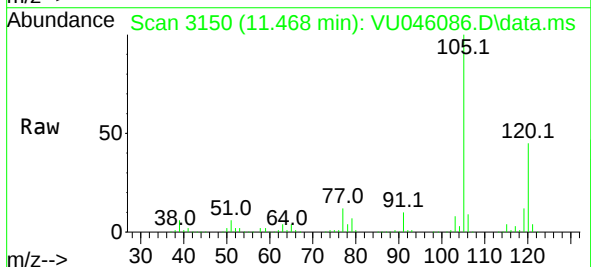
Acq: 03 Dec 2021 19:54

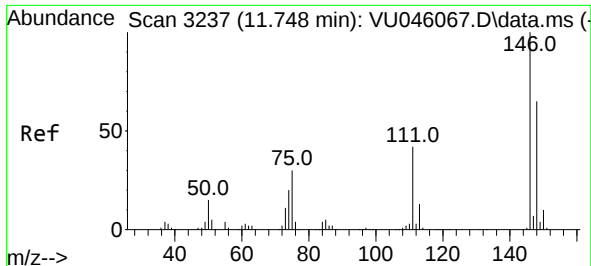
Tgt Ion:105 Resp: 405720

Ion Ratio Lower Upper

105 100

120 45.0 35.2 52.8

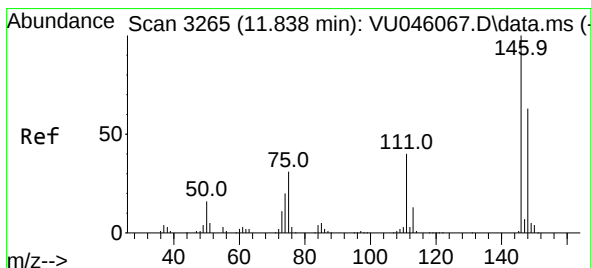
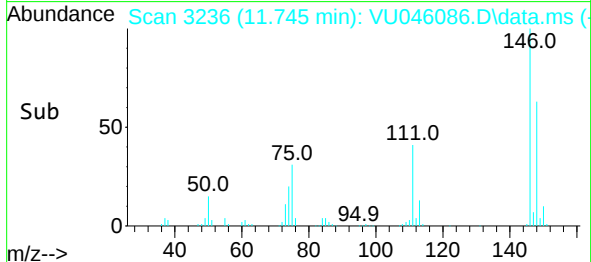
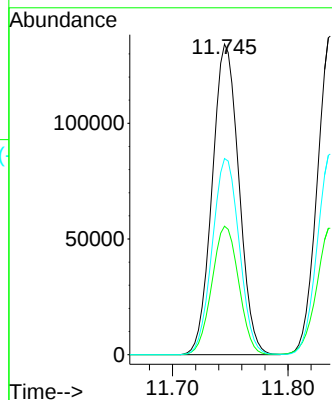
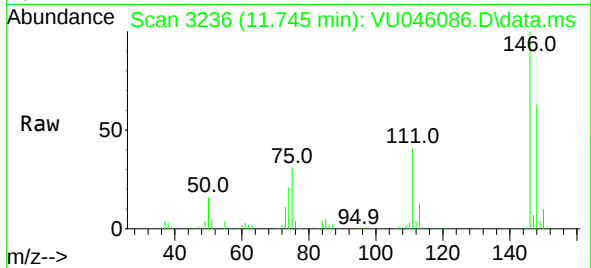




#64
1,3-Dichlorobenzene
Concen: 60.443 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU046086.D
Acq: 03 Dec 2021 19:54

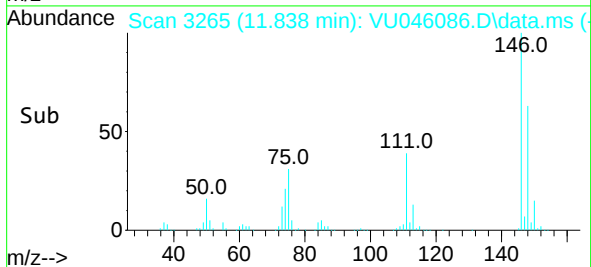
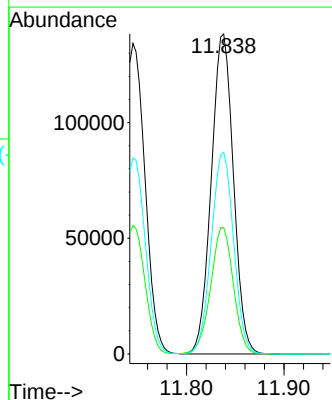
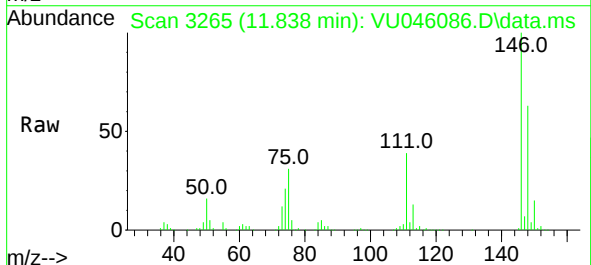
Instrument :
MSVOA_U
ClientSampleId :

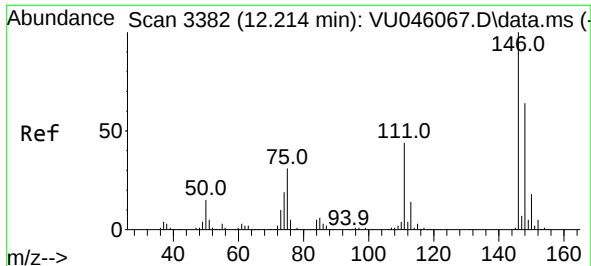
Tgt Ion:146 Resp: 215668
Ion Ratio Lower Upper
146 100
111 41.4 29.5 54.9
148 63.2 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 59.312 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU046086.D
Acq: 03 Dec 2021 19:54

Tgt Ion:146 Resp: 218721
Ion Ratio Lower Upper
146 100
111 39.5 28.3 52.7
148 63.1 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 59.672 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU046086.D

Acq: 03 Dec 2021 19:54

Instrument :

MSVOA_U

ClientSampleId :

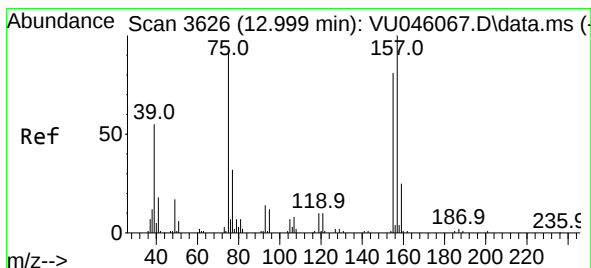
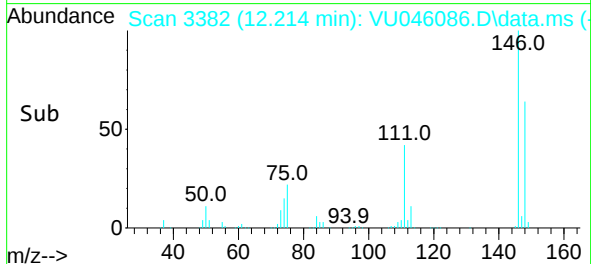
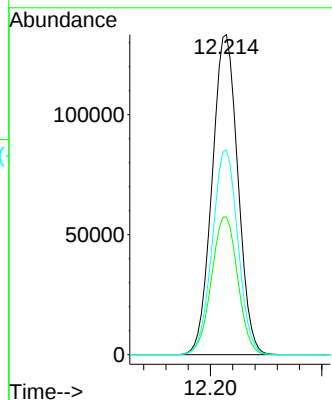
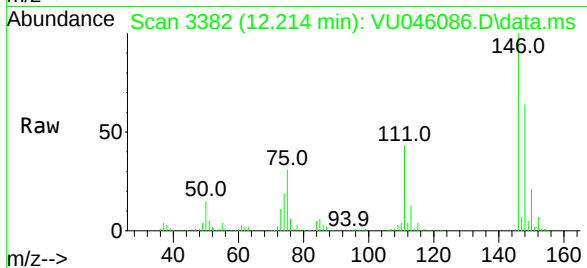
Tgt Ion:146 Resp: 214414

Ion Ratio Lower Upper

146 100

111 43.1 35.7 53.5

148 64.0 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 58.149 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU046086.D

Acq: 03 Dec 2021 19:54

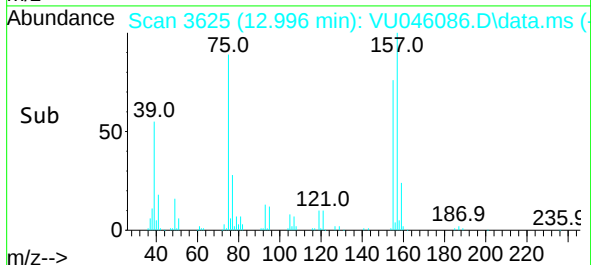
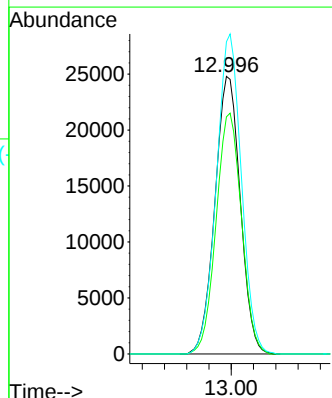
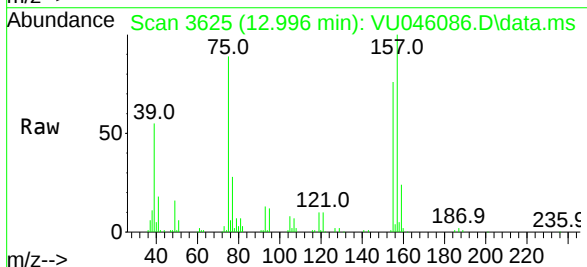
Tgt Ion: 75 Resp: 39204

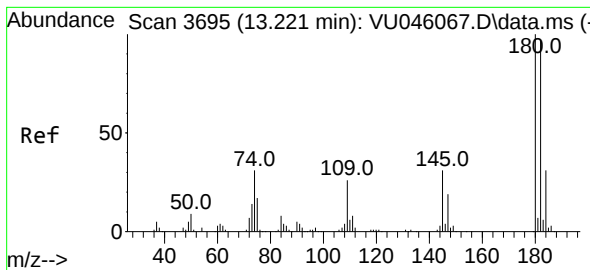
Ion Ratio Lower Upper

75 100

155 85.4 64.9 97.3

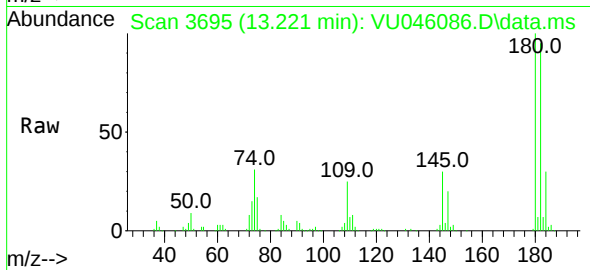
157 112.5 81.9 122.9



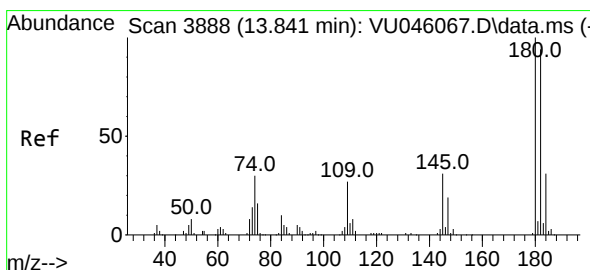
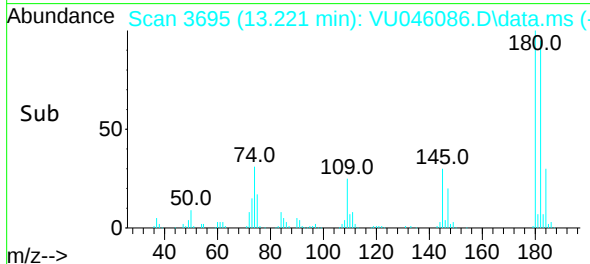
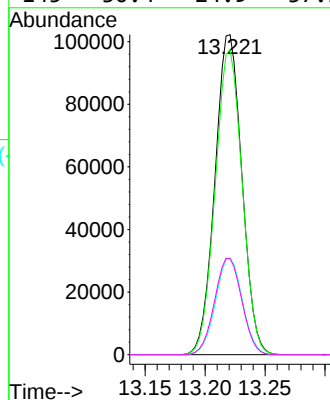


#69
 1,3,5-Trichlorobenzene
 Concen: 61.442 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU046086.D
 Acq: 03 Dec 2021 19:54

Instrument :
 MSVOA_U
 ClientSampleId :

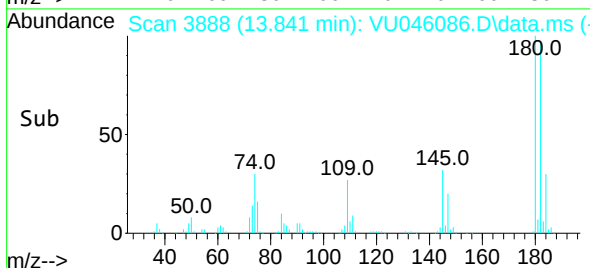
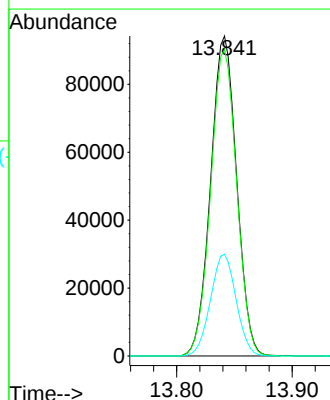
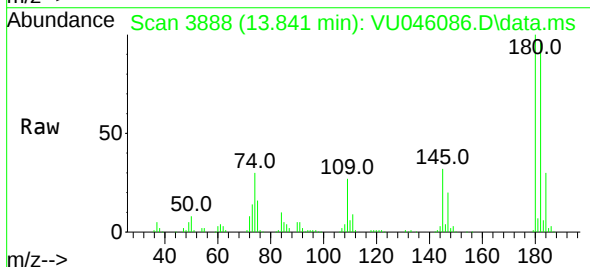


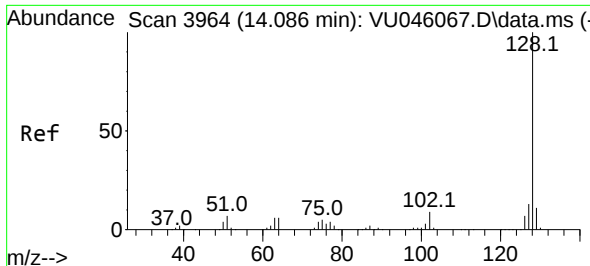
Tgt Ion:180 Resp: 159740
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.9 113.9
 184 30.1 24.2 36.4
 145 30.4 24.9 37.3



#70
 1,2,4-trichlorobenzene
 Concen: 63.838 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU046086.D
 Acq: 03 Dec 2021 19:54

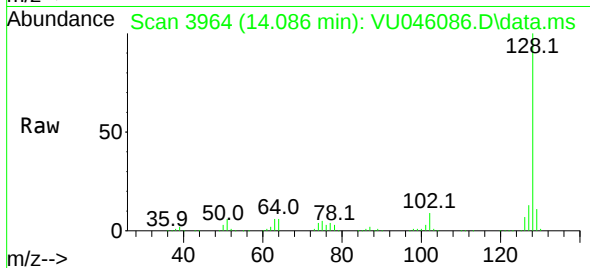
Tgt Ion:180 Resp: 147281
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.7 115.1
 145 31.4 26.0 39.0



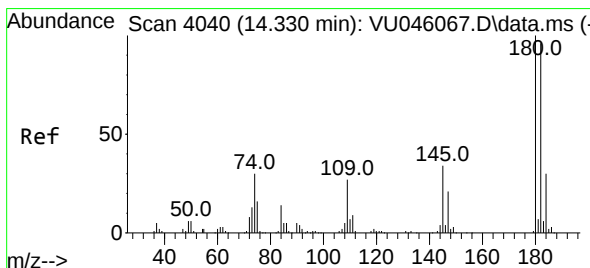
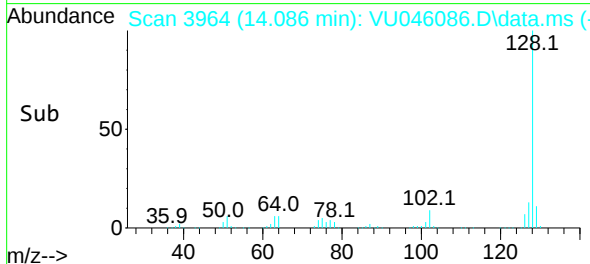
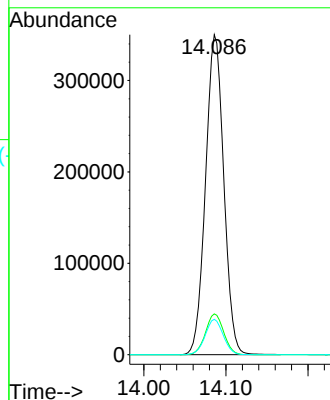


#71
Naphthalene
Concen: 67.471 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU046086.D
Acq: 03 Dec 2021 19:54

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 541682
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 64.355 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU046086.D
Acq: 03 Dec 2021 19:54

Tgt Ion:180 Resp: 151405
Ion Ratio Lower Upper
180 100
182 95.4 76.0 114.0
145 33.2 27.3 40.9

