

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121721\
 Data File : VU046482.D
 Acq On : 17 Dec 2021 19:04
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 17 23:31:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 03:50:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	141543	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	143648	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	81499	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	46336	39.741	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.480%		
7) Chloroethane-d5	1.919	69	36721	41.019	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.040%		
11) 1,1-Dichloroethene-d2	2.575	63	92461	44.174	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.340%		
21) 2-Butanone-d5	4.636	46	80326	86.663	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.660%		
24) Chloroform-d	5.067	84	99459	51.081	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.160%		
26) 1,2-Dichloroethane-d4	5.703	65	62662	47.954	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.900%		
32) Benzene-d6	5.732	84	182314	44.281	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.560%		
36) 1,2-Dichloropropane-d6	6.694	67	56311	44.131	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.260%		
41) Toluene-d8	7.899	98	166856	44.510	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.020%		
43) trans-1,3-Dichloroprop...	8.182	79	28518	46.298	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.600%		
47) 2-Hexanone-d5	8.633	63	61857	102.244	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.240%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	88725	45.850	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.700%		
66) 1,2-Dichlorobenzene-d4	12.195	152	65564	41.773	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.540%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	77392	50.256	ug/L	99
3) Chloromethane	1.523	50	70457	51.152	ug/L	99
5) Vinyl chloride	1.607	62	73532	52.945	ug/L	100
6) Bromomethane	1.864	94	42568	54.077	ug/L	99
8) Chloroethane	1.938	64	43666	54.302	ug/L	100
9) Trichlorofluoromethane	2.144	101	107652	59.371	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	57687	56.011	ug/L	98
12) 1,1-Dichloroethene	2.585	96	54108	55.286	ug/L	91
13) Acetone	2.652	43	74536	64.344	ug/L	99
14) Carbon disulfide	2.800	76	161190	53.086	ug/L	100
15) Methyl Acetate	2.958	43	64240	47.571	ug/L	96
16) Methylene chloride	3.051	84	66037	56.713	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	59788	57.727	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	188751	59.135	ug/L	99
19) 1,1-Dichloroethane	3.877	63	110616	58.740	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	65627	58.397	ug/L	100
22) 2-Butanone	4.716	43	103861	82.362	ug/L	97
23) Bromochloromethane	4.980	128	33333	58.727	ug/L	92
25) Chloroform	5.092	83	116641	55.747	ug/L	99

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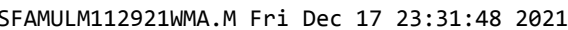
Instrument :
 MSVOA_U
 ClientSampleId :

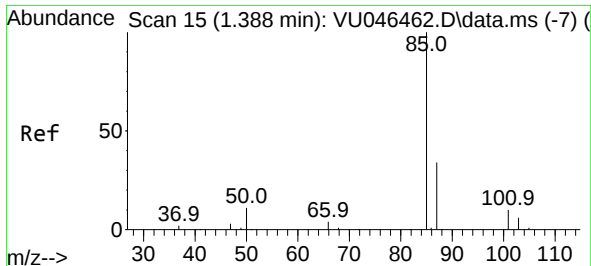
Quant Time: Dec 17 23:31:39 2021
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 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 03:50:47 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	96064	61.872	ug/L	98
29) Cyclohexane	5.391	56	93904	56.140	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	105834	60.021	ug/L	99
31) Carbon tetrachloride	5.530	117	91019	60.803	ug/L	100
33) Benzene	5.777	78	251638	57.879	ug/L	100
34) Trichloroethene	6.543	95	65324	57.033	ug/L	98
35) Methylcyclohexane	6.764	83	104898	59.066	ug/L	99
37) 1,2-Dichloropropane	6.793	63	64967	57.043	ug/L	100
38) Bromodichloromethane	7.108	83	86939	57.431	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	101580	58.628	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	180615	107.938	ug/L	99
42) Toluene	7.970	91	273079	58.536	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	97634	57.374	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	65325	57.171	ug/L	96
46) Tetrachloroethene	8.555	164	49933	59.324	ug/L	98
48) 2-Hexanone	8.684	43	146866	98.140	ug/L	99
49) Dibromochloromethane	8.813	129	69071	57.565	ug/L	98
50) 1,2-Dibromoethane	8.925	107	69633	56.210	ug/L	99
51) Chlorobenzene	9.449	112	168800	55.928	ug/L	100
52) Ethylbenzene	9.571	91	289327	57.627	ug/L	98
53) m,p-Xylene	9.697	106	115177	58.823	ug/L	99
54) o-xylene	10.102	106	112535	59.231	ug/L	96
55) Styrene	10.115	104	193978	59.801	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.784	83	108481	55.377	ug/L	100
59) Bromoform	10.292	173	50734	53.065	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	90451	50.629	ug/L	98
61) Isopropylbenzene	10.485	105	290947	54.868	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	253354	57.322	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	259063	58.585	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	135232	53.689	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	139058	53.418	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	135440	53.396	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	27655	58.107	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	103400	56.339	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	92342	56.699	ug/L	99
71) Naphthalene	14.086	128	347500	61.316	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	99002	59.611	ug/L	100

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

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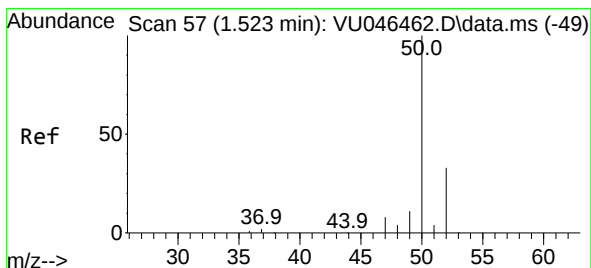
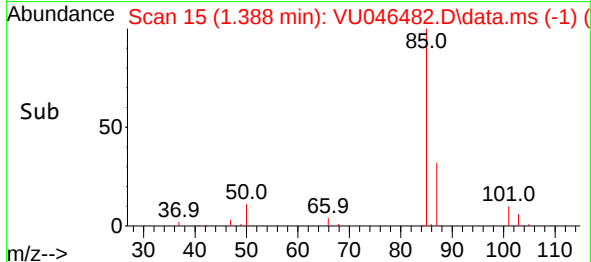
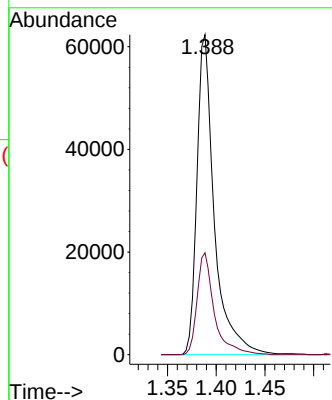
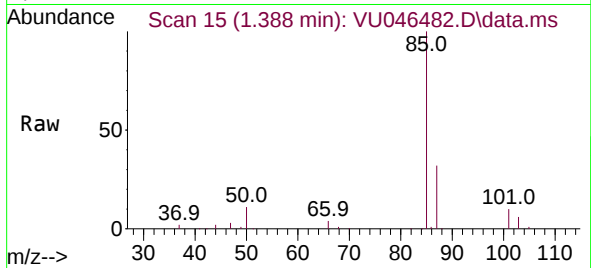




#2
 Dichlorodifluoromethane
 Concen: 50.256 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU046482.D
 Acq: 17 Dec 2021 19:04

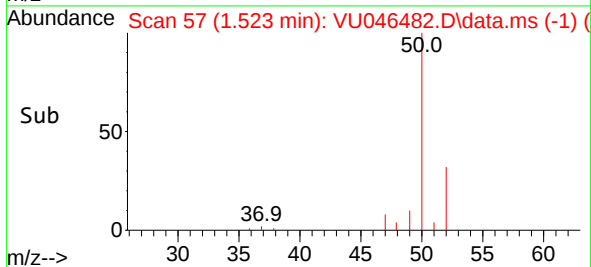
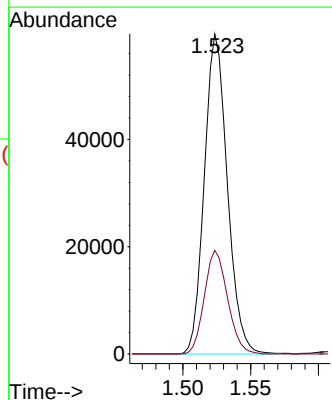
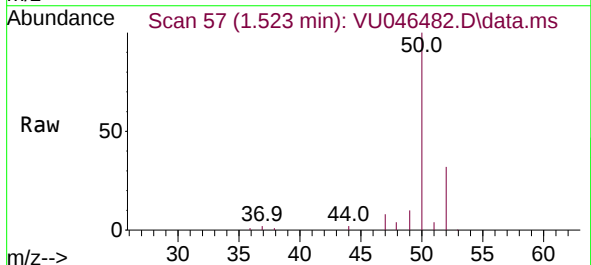
Instrument :
 MSVOA_U
 ClientSampleId :

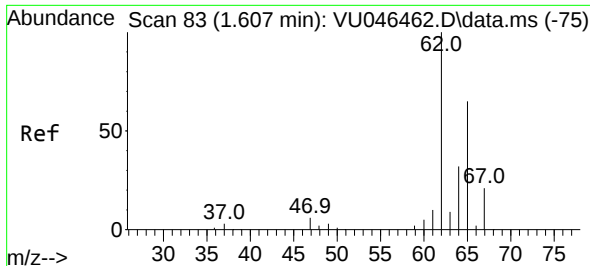
Tgt Ion: 85 Resp: 77392
 Ion Ratio Lower Upper
 85 100
 87 31.3 25.7 38.5



#3
 Chloromethane
 Concen: 51.152 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. 0.000 min
 Lab File: VU046482.D
 Acq: 17 Dec 2021 19:04

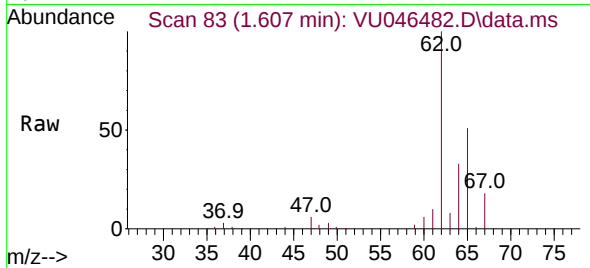
Tgt Ion: 50 Resp: 70457
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.2 43.2



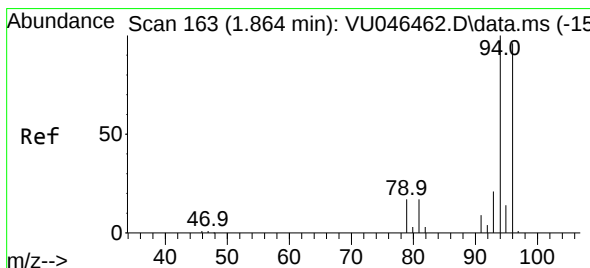
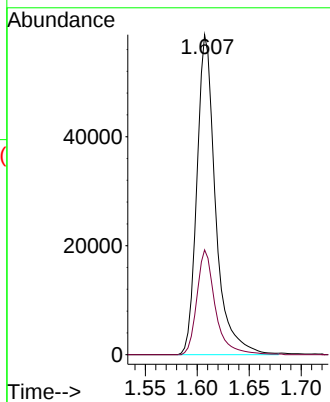
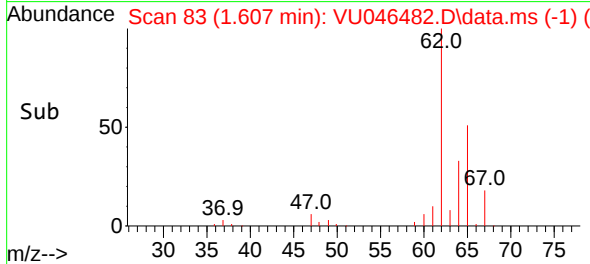


#5
 Vinyl chloride
 Concen: 52.945 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU046482.D
 Acq: 17 Dec 2021 19:04

Instrument :
 MSVOA_U
 ClientSampleId :

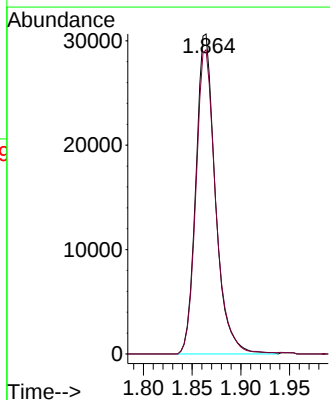
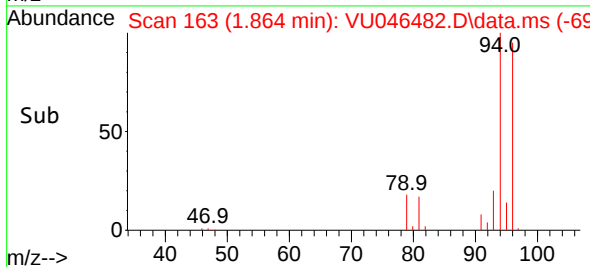
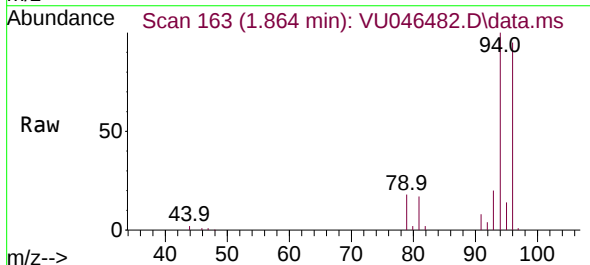


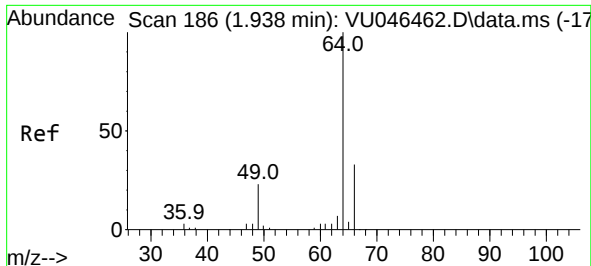
Tgt Ion: 62 Resp: 73532
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.9 42.5



#6
 Bromomethane
 Concen: 54.077 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU046482.D
 Acq: 17 Dec 2021 19:04

Tgt Ion: 94 Resp: 42568
 Ion Ratio Lower Upper
 94 100
 96 95.0 67.4 125.2

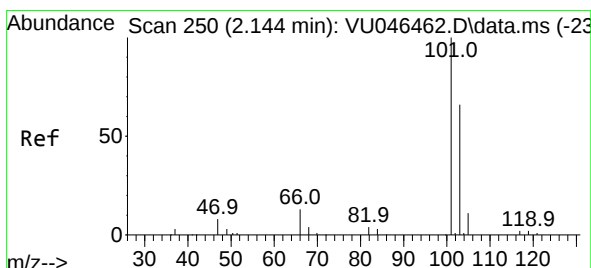
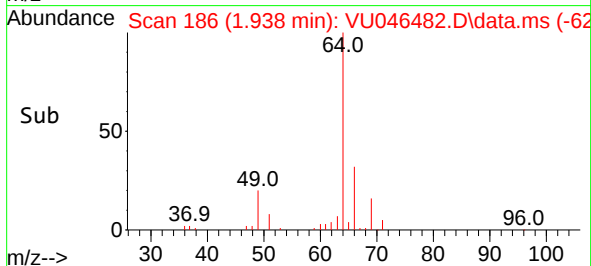
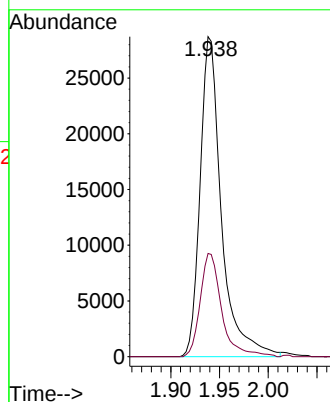
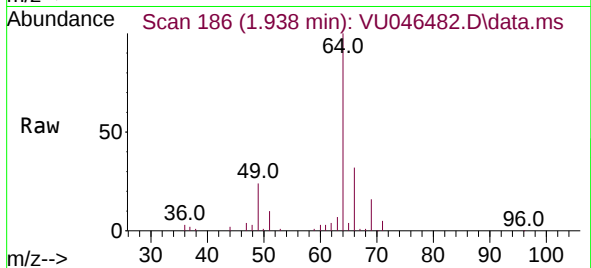




#8
Chloroethane
Concen: 54.302 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046482.D
Acq: 17 Dec 2021 19:04

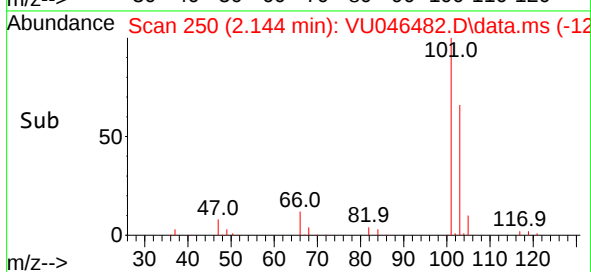
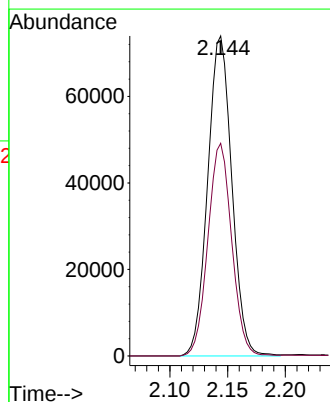
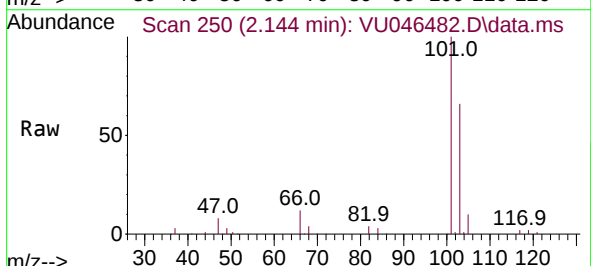
Instrument :
MSVOA_U
ClientSampleId :

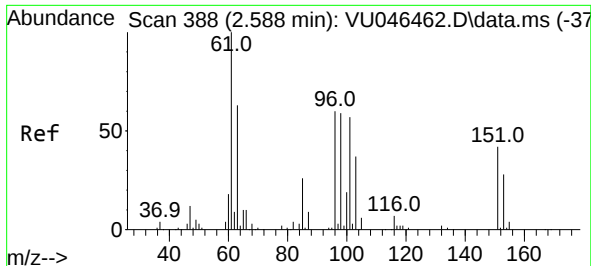
Tgt Ion: 64 Resp: 43666
Ion Ratio Lower Upper
64 100
66 32.3 22.5 41.9



#9
Trichlorofluoromethane
Concen: 59.371 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU046482.D
Acq: 17 Dec 2021 19:04

Tgt Ion:101 Resp: 107652
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.6





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 56.011 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.000 min

Lab File: VU046482.D

Acq: 17 Dec 2021 19:04

Instrument :

MSVOA_U

ClientSampleId :

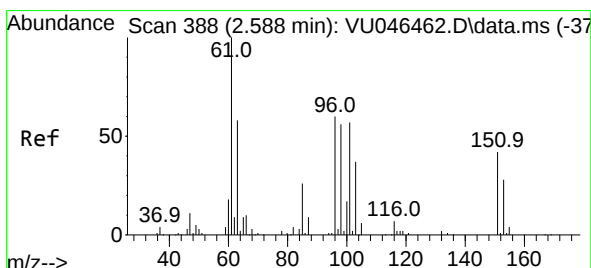
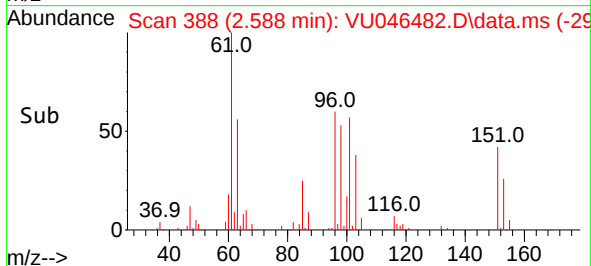
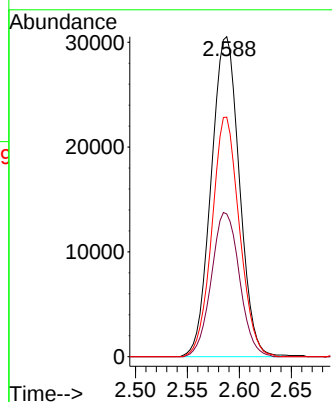
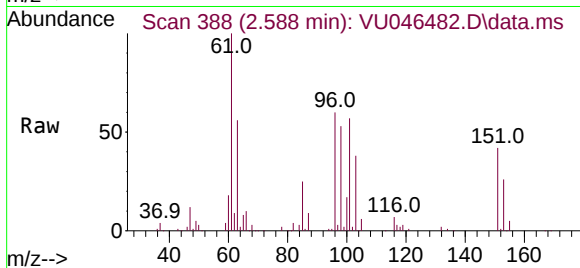
Tgt Ion:101 Resp: 57687

Ion Ratio Lower Upper

101 100

85 44.9 35.1 52.7

151 73.0 56.7 85.1



#12

1,1-Dichloroethene

Concen: 55.286 ug/L

RT: 2.585 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU046482.D

Acq: 17 Dec 2021 19:04

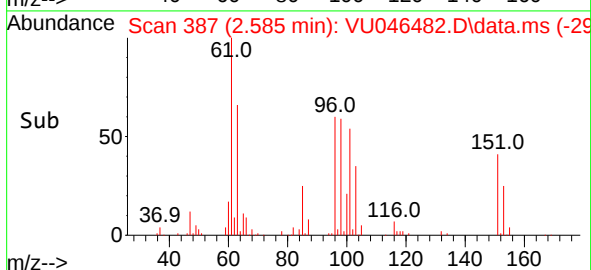
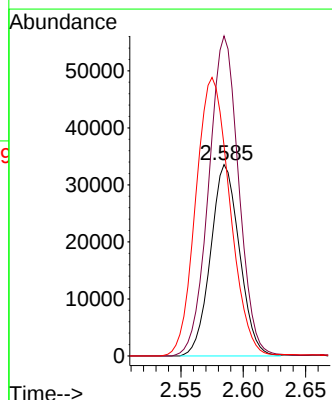
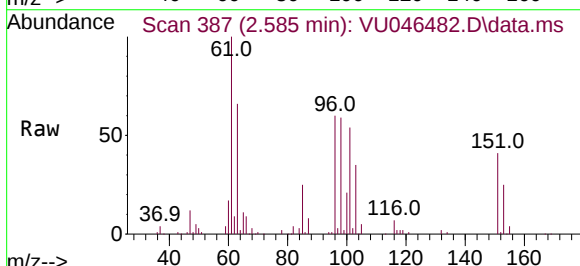
Tgt Ion: 96 Resp: 54108

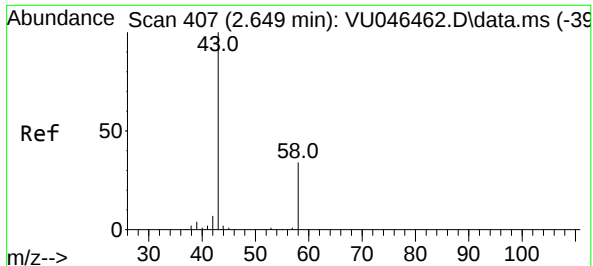
Ion Ratio Lower Upper

96 100

61 167.2 118.6 220.2

63 109.9 93.0 172.8





#13

Acetone

Concen: 64.344 ug/L

RT: 2.652 min Scan# 408

Delta R.T. 0.007 min

Lab File: VU046482.D

Acq: 17 Dec 2021 19:04

Instrument :

MSVOA_U

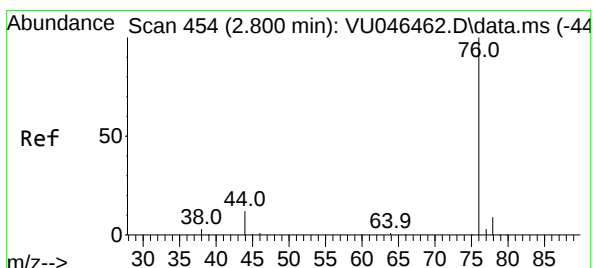
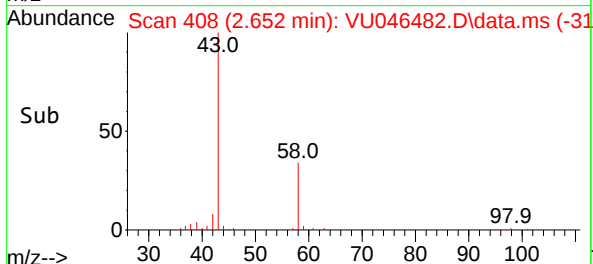
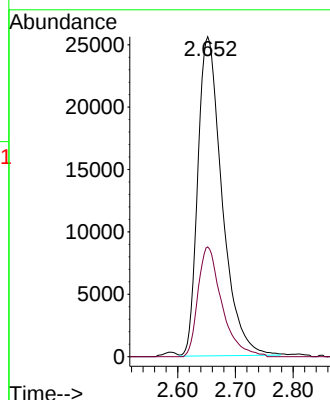
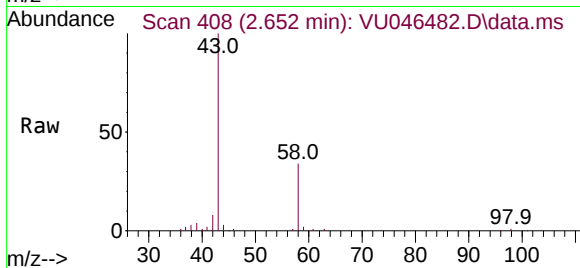
ClientSampleId :

Tgt Ion: 43 Resp: 74536

Ion Ratio Lower Upper

43 100

58 33.7 0.0 66.8



#14

Carbon disulfide

Concen: 53.086 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU046482.D

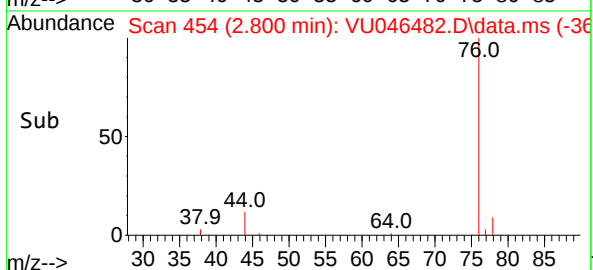
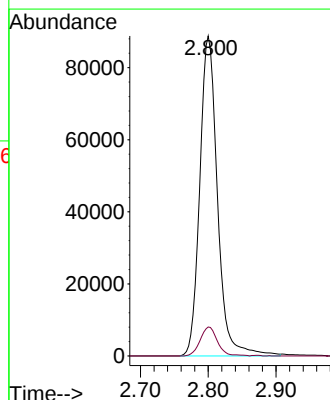
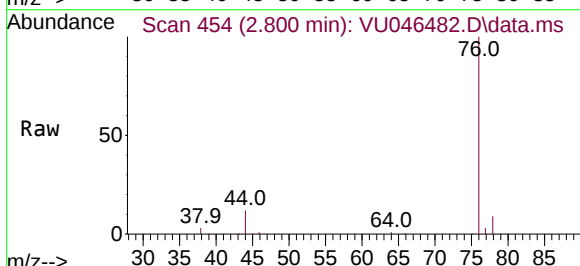
Acq: 17 Dec 2021 19:04

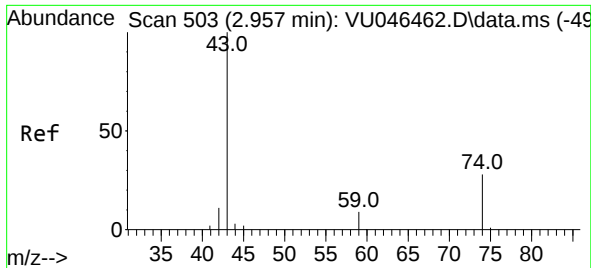
Tgt Ion: 76 Resp: 161190

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

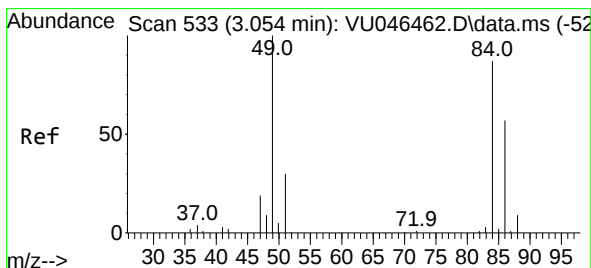
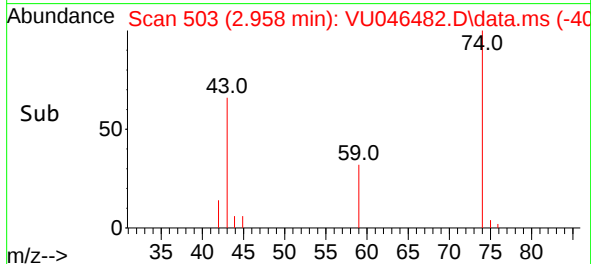
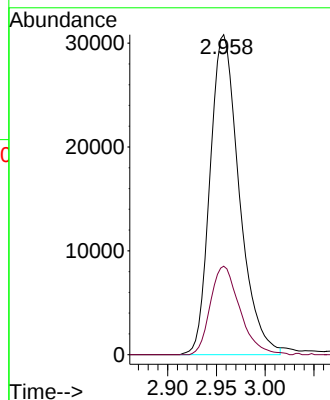
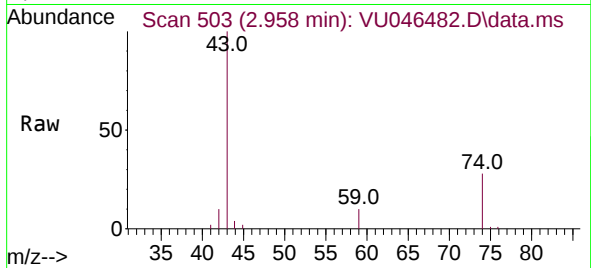




#15
Methyl Acetate
Concen: 47.571 ug/L
RT: 2.958 min Scan# 503
Delta R.T. 0.003 min
Lab File: VU046482.D
Acq: 17 Dec 2021 19:04

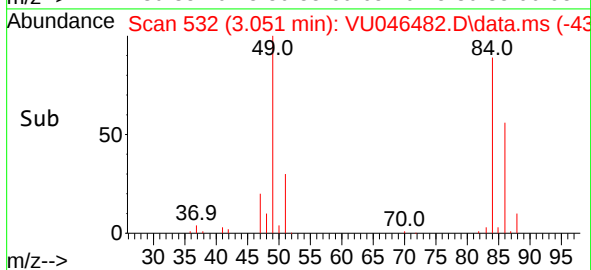
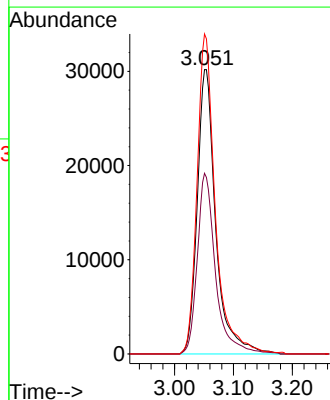
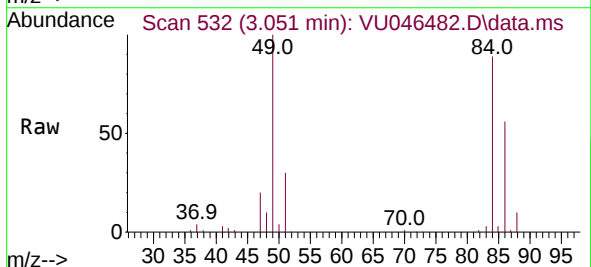
Instrument :
MSVOA_U
ClientSampleId :

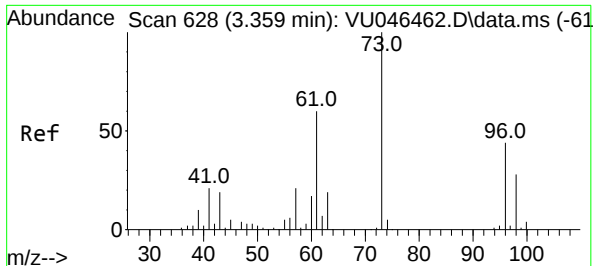
Tgt Ion: 43 Resp: 64240
Ion Ratio Lower Upper
43 100
74 27.9 20.8 31.2



#16
Methylene chloride
Concen: 56.713 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU046482.D
Acq: 17 Dec 2021 19:04

Tgt Ion: 84 Resp: 66037
Ion Ratio Lower Upper
84 100
86 63.5 44.7 83.1
49 112.6 78.4 145.6





#17

trans-1,2-Dichloroethene

Concen: 57.727 ug/L

RT: 3.359 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU046482.D

Acq: 17 Dec 2021 19:04

Instrument :

MSVOA_U

ClientSampleId :

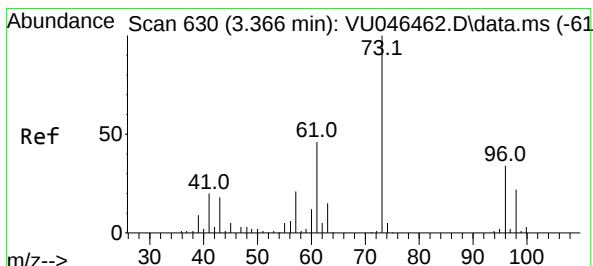
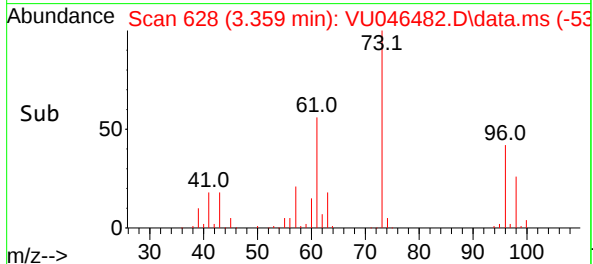
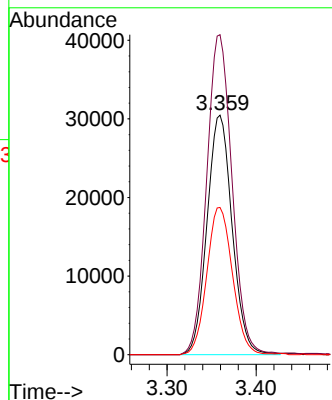
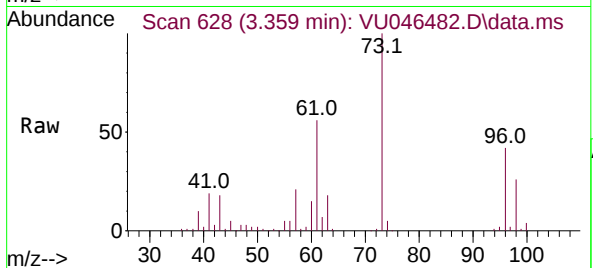
Tgt Ion: 96 Resp: 59788

Ion Ratio Lower Upper

96 100

61 133.6 94.6 175.6

98 61.5 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 59.135 ug/L

RT: 3.366 min Scan# 630

Delta R.T. 0.000 min

Lab File: VU046482.D

Acq: 17 Dec 2021 19:04

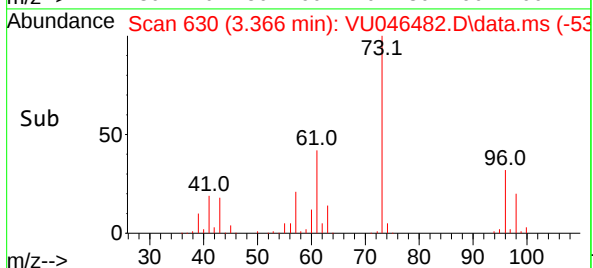
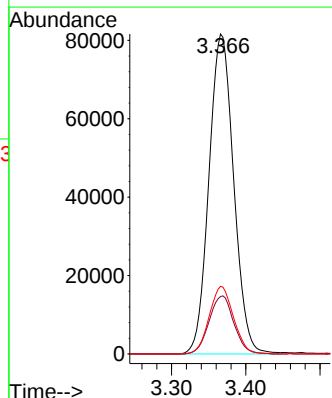
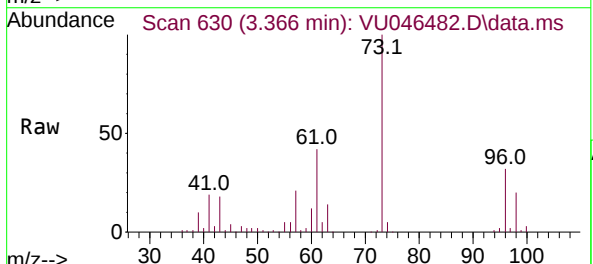
Tgt Ion: 73 Resp: 188751

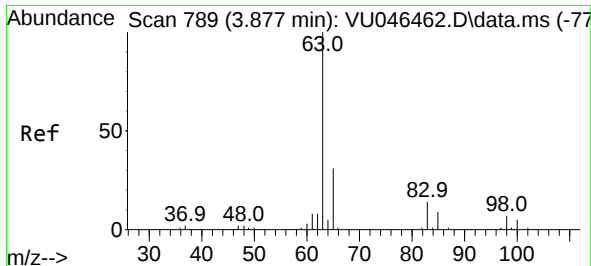
Ion Ratio Lower Upper

73 100

43 18.2 14.0 21.0

57 20.7 17.0 25.4





#19

1,1-Dichloroethane

Concen: 58.740 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

Lab File: VU046482.D

Acq: 17 Dec 2021 19:04

Instrument :

MSVOA_U

ClientSampleId :

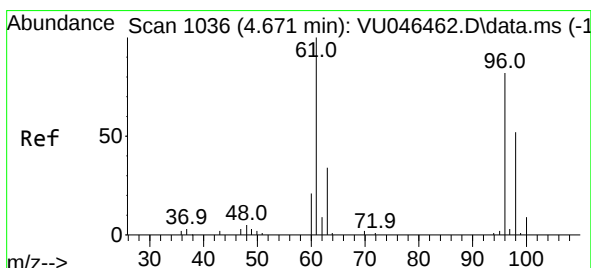
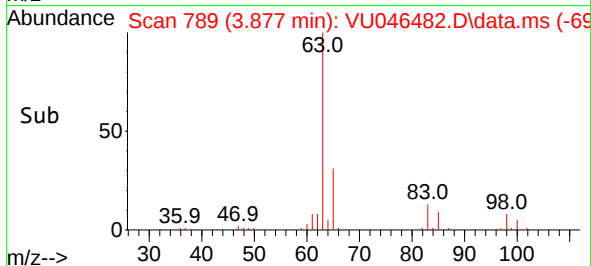
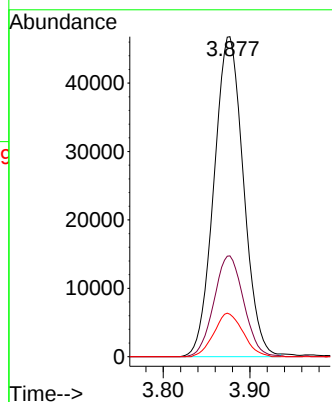
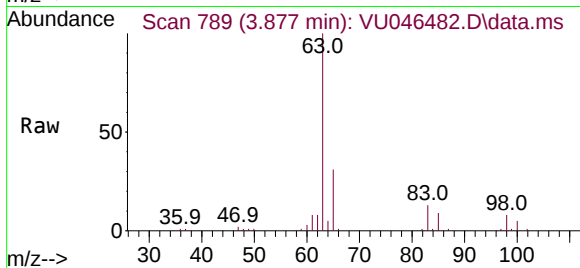
Tgt Ion: 63 Resp: 110616

Ion Ratio Lower Upper

63 100

65 31.5 22.8 42.4

83 13.2 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 58.397 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU046482.D

Acq: 17 Dec 2021 19:04

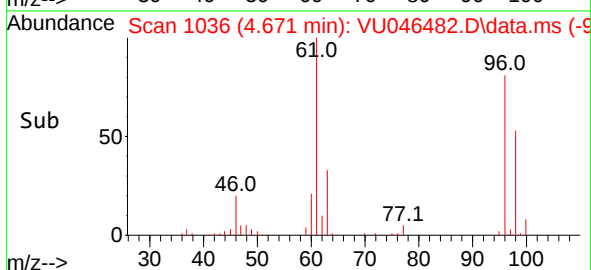
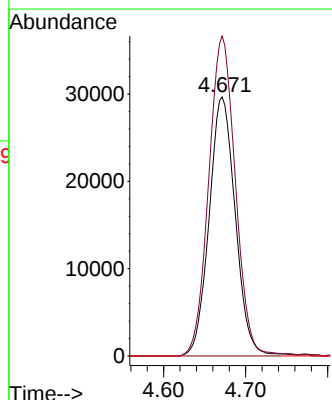
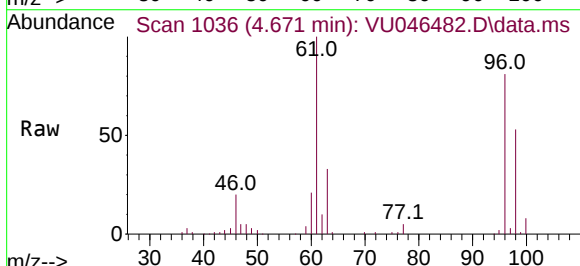
Tgt Ion: 96 Resp: 65627

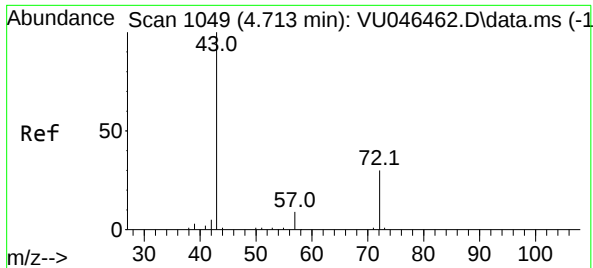
Ion Ratio Lower Upper

96 100

61 123.5 86.8 161.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 82.362 ug/L

RT: 4.716 min Scan# 1050

Delta R.T. 0.003 min

Lab File: VU046482.D

Acq: 17 Dec 2021 19:04

Instrument :

MSVOA_U

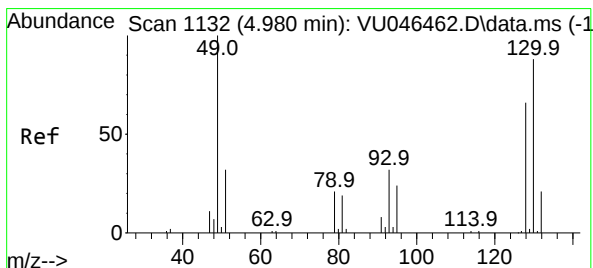
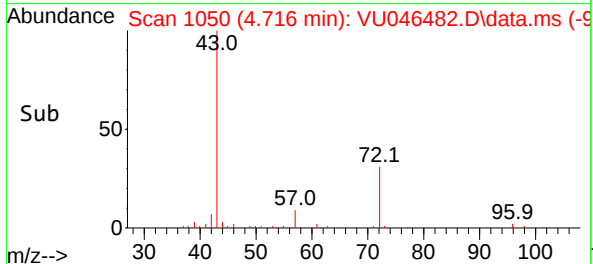
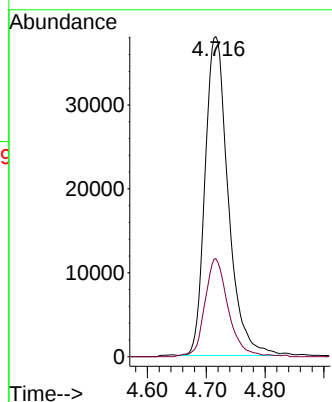
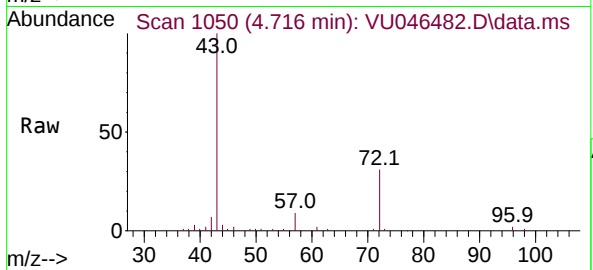
ClientSampleId :

Tgt Ion: 43 Resp: 103861

Ion Ratio Lower Upper

43 100

72 30.9 14.5 43.6



#23

Bromochloromethane

Concen: 58.727 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU046482.D

Acq: 17 Dec 2021 19:04

Tgt Ion: 128 Resp: 33333

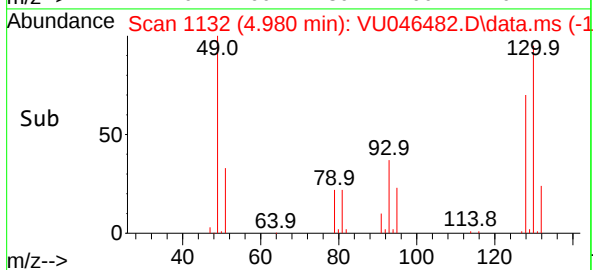
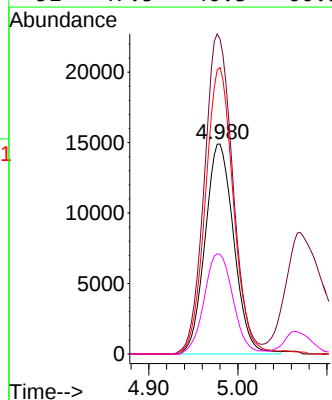
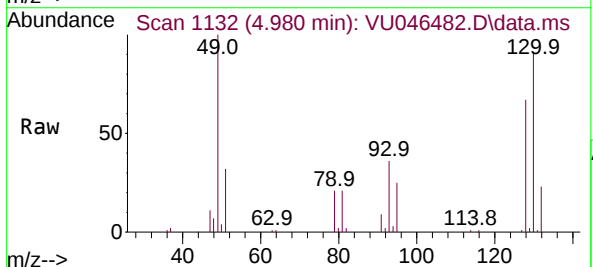
Ion Ratio Lower Upper

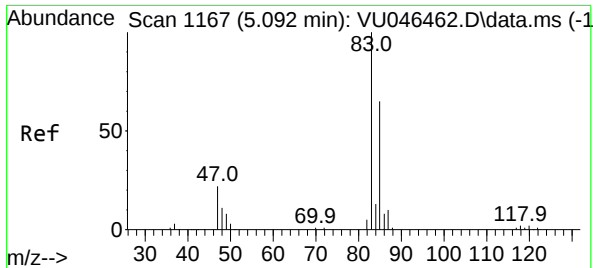
128 100

49 150.0 115.9 215.3

130 136.5 91.8 170.4

51 47.5 40.3 60.5

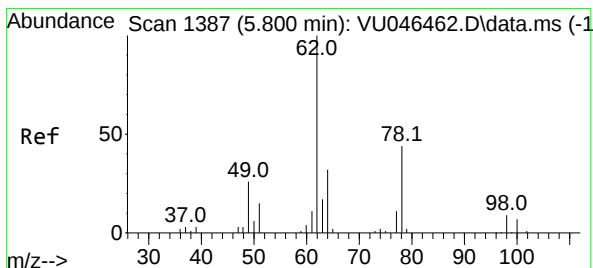
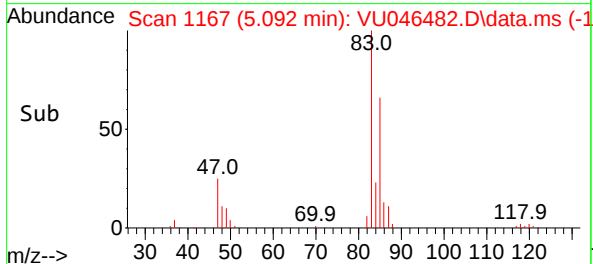
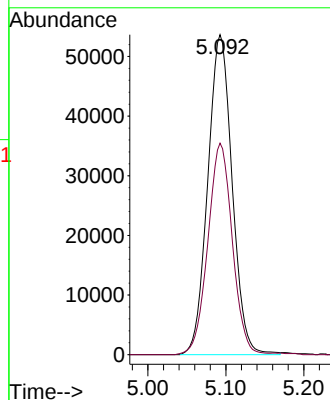
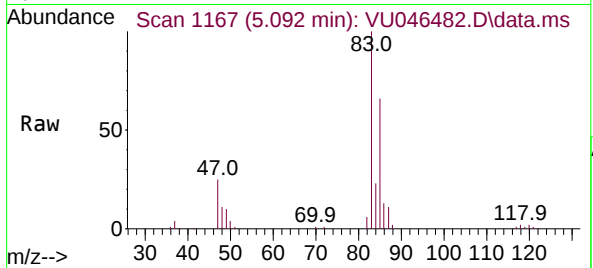




#25
Chloroform
Concen: 55.747 ug/L
RT: 5.092 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VU046482.D
Acq: 17 Dec 2021 19:04

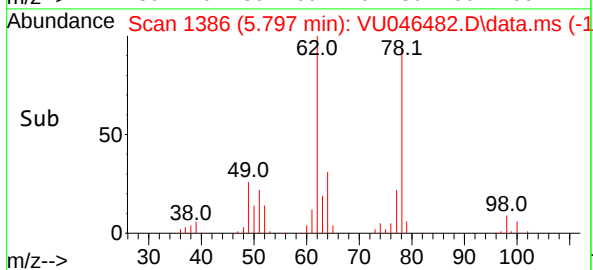
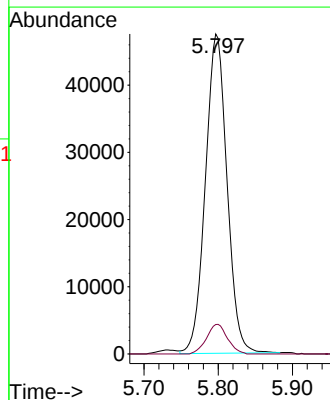
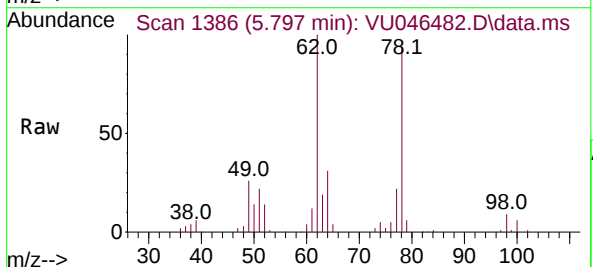
Instrument :
MSVOA_U
ClientSampleId :

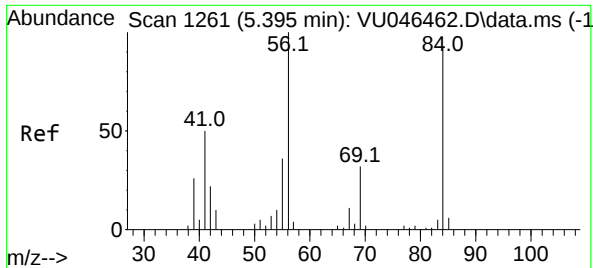
Tgt Ion: 83 Resp: 116641
Ion Ratio Lower Upper
83 100
85 66.1 45.8 85.2



#27
1,2-Dichloroethane
Concen: 61.872 ug/L
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU046482.D
Acq: 17 Dec 2021 19:04

Tgt Ion: 62 Resp: 96064
Ion Ratio Lower Upper
62 100
98 9.2 7.9 11.9





#29

Cyclohexane

Concen: 56.140 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU046482.D

Acq: 17 Dec 2021 19:04

Instrument :

MSVOA_U

ClientSampleId :

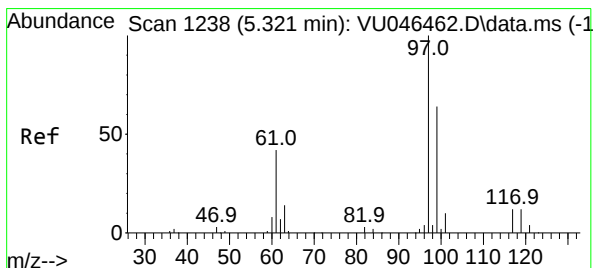
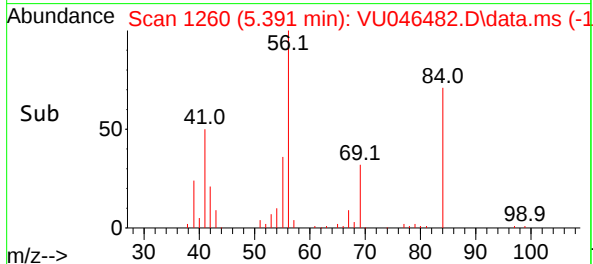
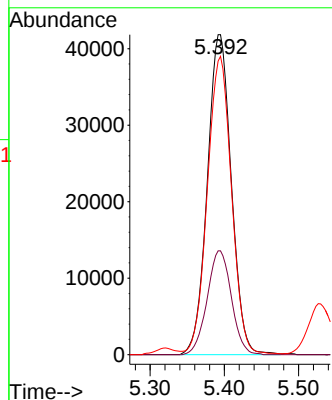
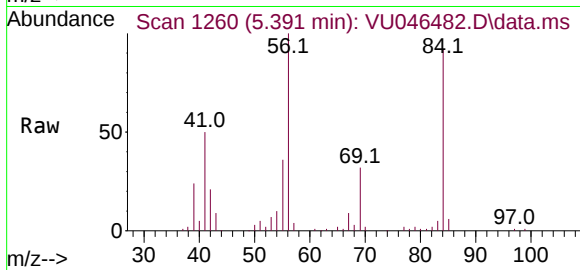
Tgt Ion: 56 Resp: 93904

Ion Ratio Lower Upper

56 100

69 32.8 25.2 37.8

84 94.1 73.3 109.9



#30

1,1,1-Trichloroethane

Concen: 60.021 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU046482.D

Acq: 17 Dec 2021 19:04

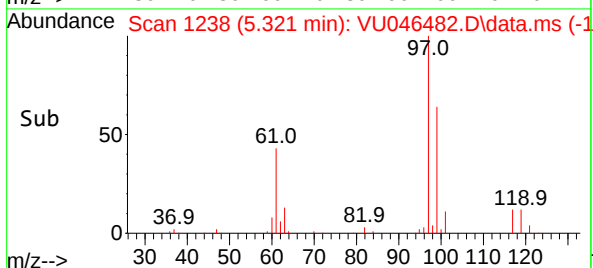
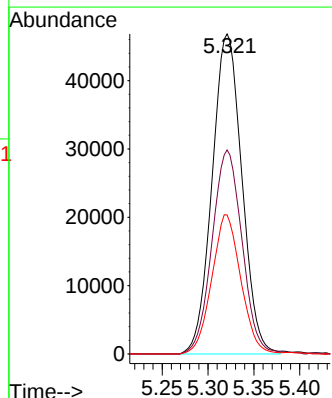
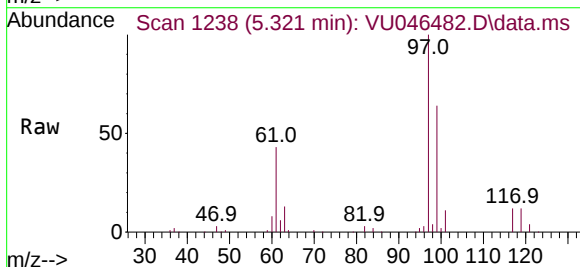
Tgt Ion: 97 Resp: 105834

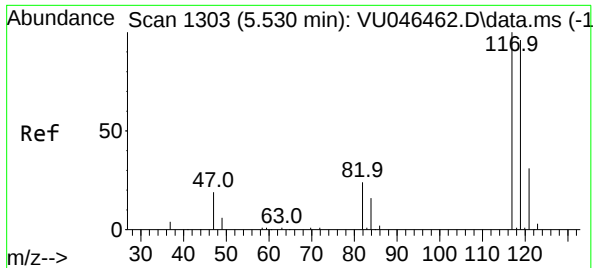
Ion Ratio Lower Upper

97 100

99 64.3 51.8 77.6

61 42.3 34.4 51.6

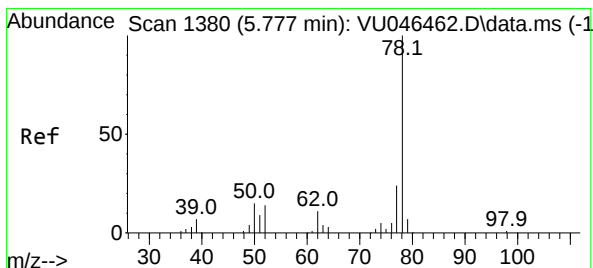
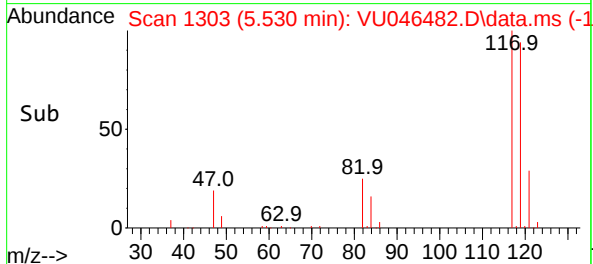
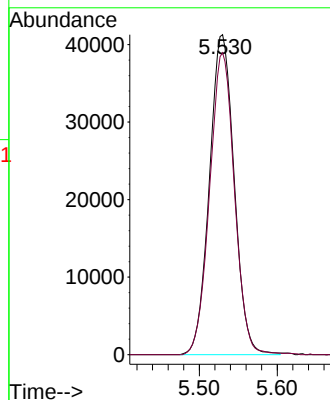
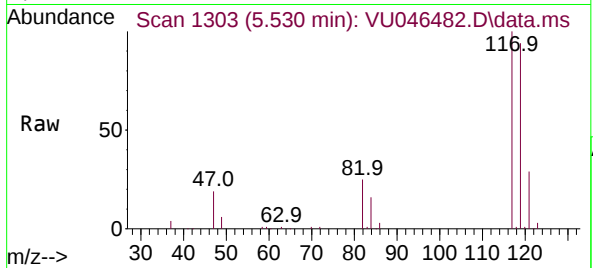




#31
Carbon tetrachloride
Concen: 60.803 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU046482.D
Acq: 17 Dec 2021 19:04

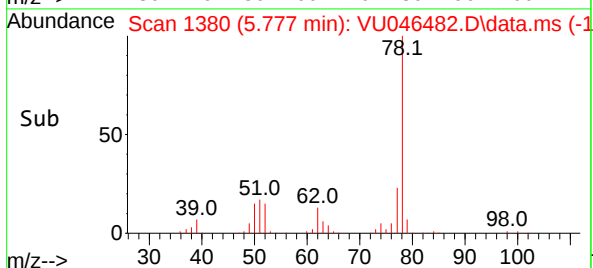
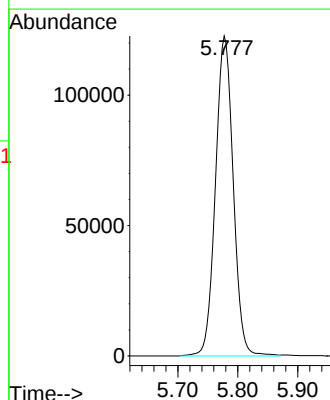
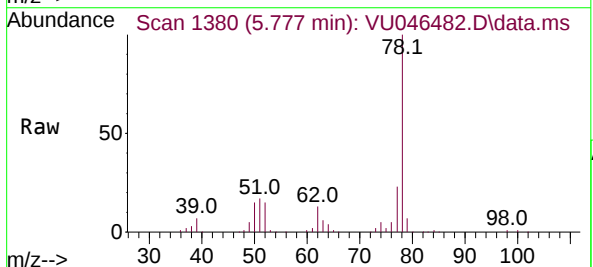
Instrument :
MSVOA_U
ClientSampleId :

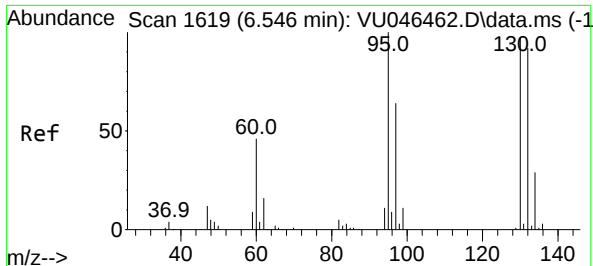
Tgt Ion:117 Resp: 91019
Ion Ratio Lower Upper
117 100
119 94.3 75.7 113.5



#33
Benzene
Concen: 57.879 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU046482.D
Acq: 17 Dec 2021 19:04

Tgt Ion: 78 Resp: 251638

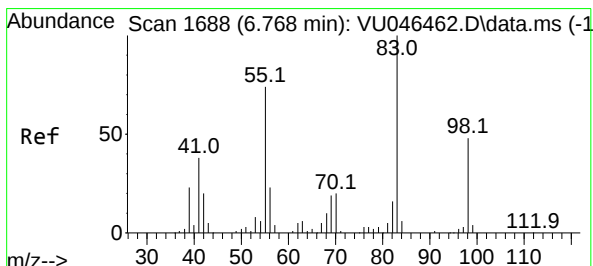
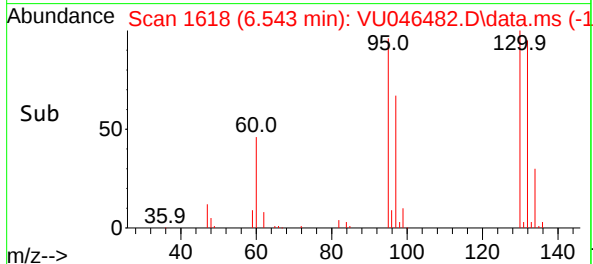
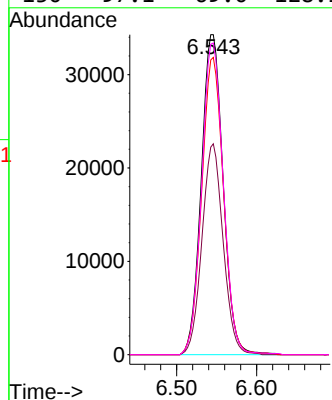
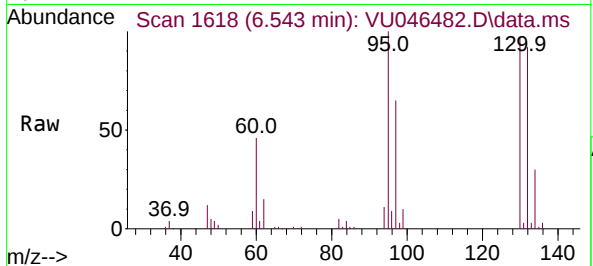




#34
Trichloroethene
Concen: 57.033 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046482.D
Acq: 17 Dec 2021 19:04

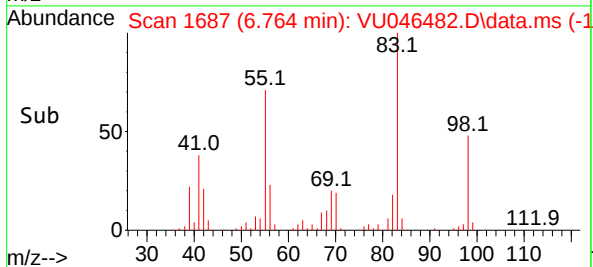
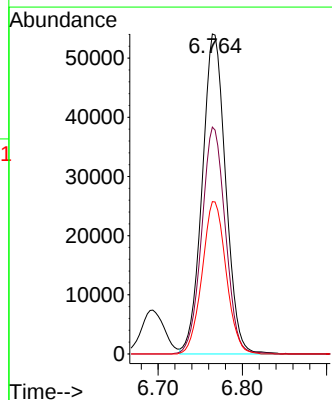
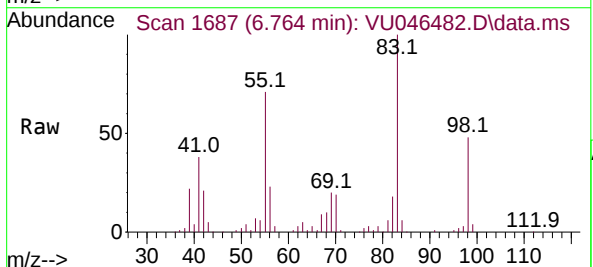
Instrument :
MSVOA_U
ClientSampleId :

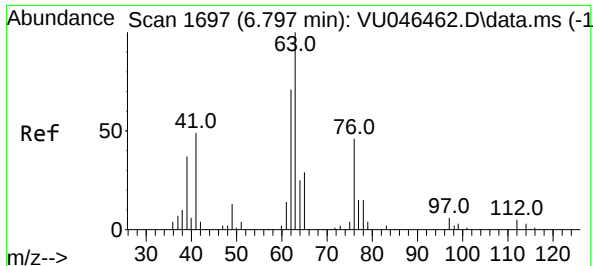
Tgt Ion: 95 Resp: 65324
Ion Ratio Lower Upper
95 100
97 64.8 44.1 81.9
132 92.1 66.8 124.0
130 97.1 69.0 128.1



#35
Methylcyclohexane
Concen: 59.066 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU046482.D
Acq: 17 Dec 2021 19:04

Tgt Ion: 83 Resp: 104898
Ion Ratio Lower Upper
83 100
55 71.4 57.8 86.6
98 48.5 38.4 57.6

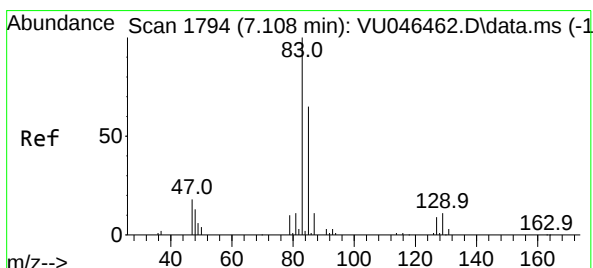
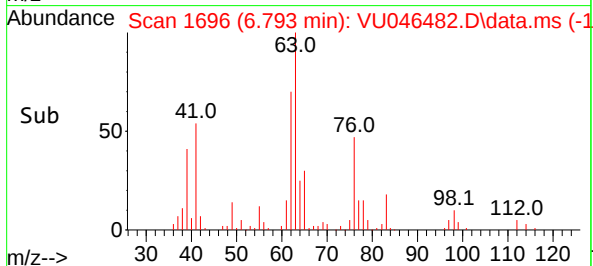
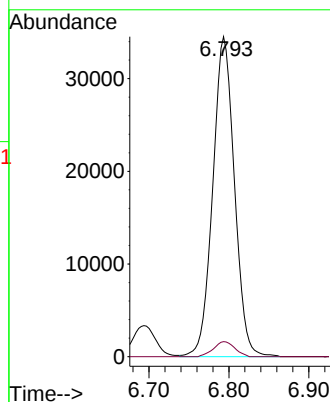
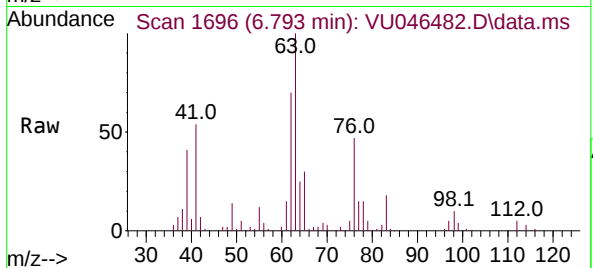




#37
1,2-Dichloropropane
Concen: 57.043 ug/L
RT: 6.793 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU046482.D
Acq: 17 Dec 2021 19:04

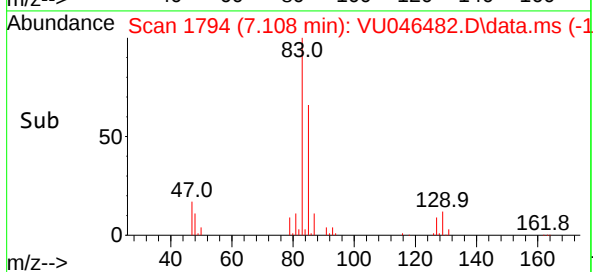
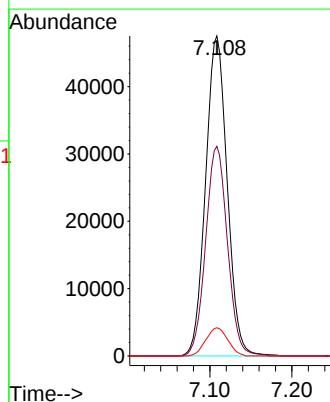
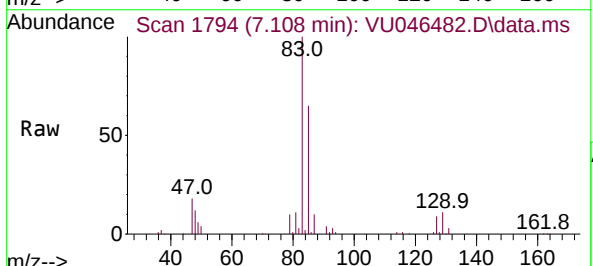
Instrument :
MSVOA_U
ClientSampleId :

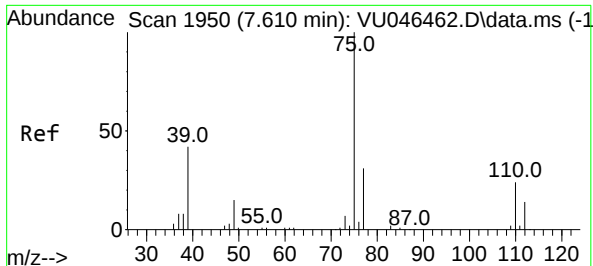
Tgt Ion: 63 Resp: 64967
Ion Ratio Lower Upper
63 100
112 4.6 3.8 5.6



#38
Bromodichloromethane
Concen: 57.431 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU046482.D
Acq: 17 Dec 2021 19:04

Tgt Ion: 83 Resp: 86939
Ion Ratio Lower Upper
83 100
85 65.5 44.4 82.5
127 8.8 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 58.628 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU046482.D

Acq: 17 Dec 2021 19:04

Instrument :

MSVOA_U

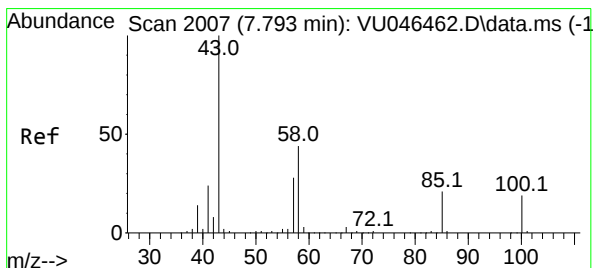
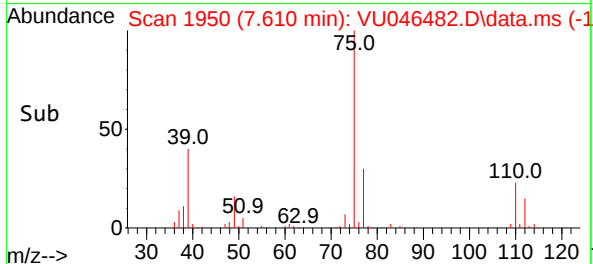
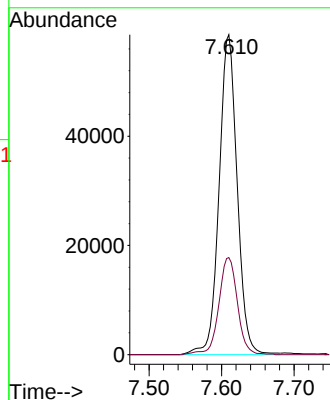
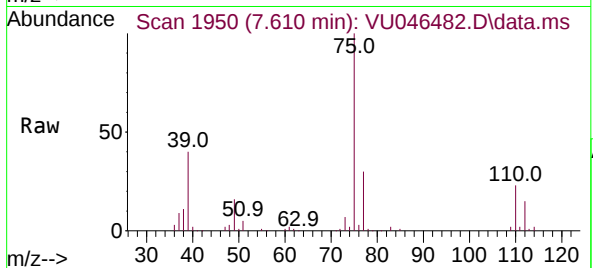
ClientSampleId :

Tgt Ion: 75 Resp: 101580

Ion Ratio Lower Upper

75 100

77 30.4 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 107.938 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU046482.D

Acq: 17 Dec 2021 19:04

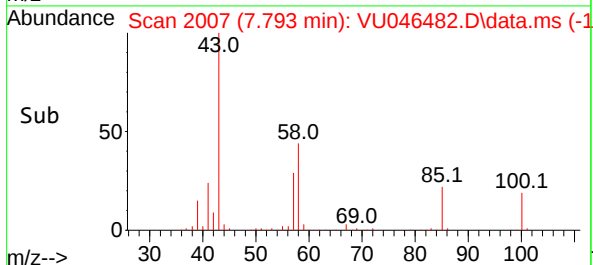
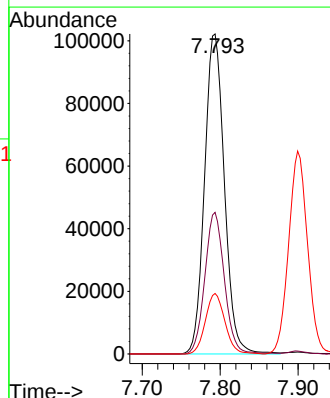
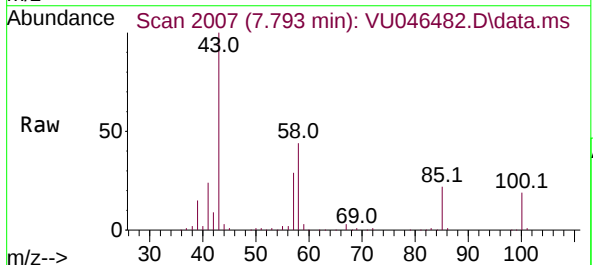
Tgt Ion: 43 Resp: 180615

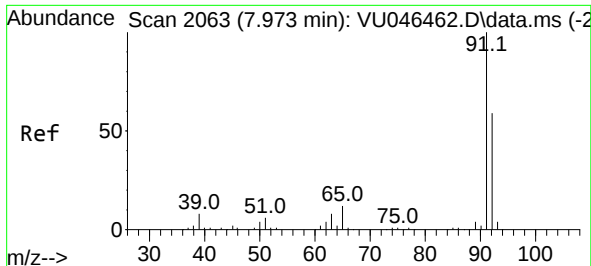
Ion Ratio Lower Upper

43 100

58 43.5 34.2 51.4

100 18.5 14.5 21.7





#42

Toluene

Concen: 58.536 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU046482.D

Acq: 17 Dec 2021 19:04

Instrument :

MSVOA_U

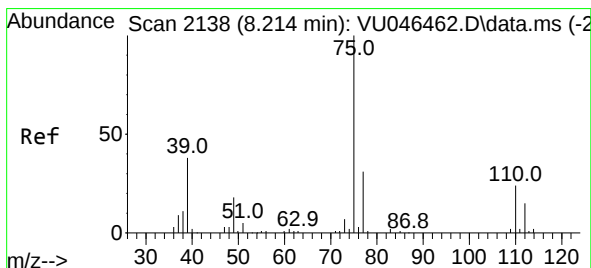
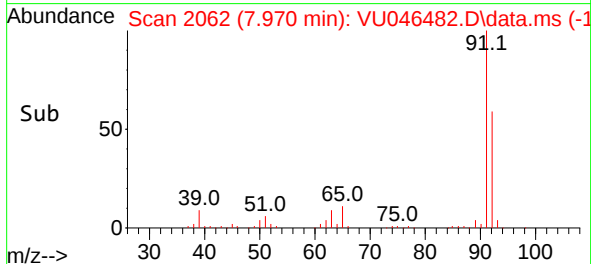
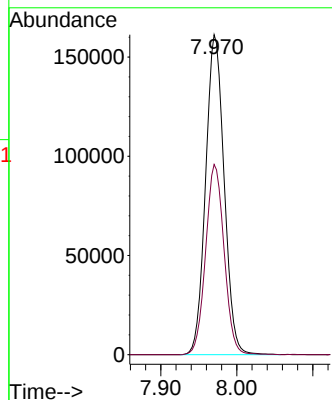
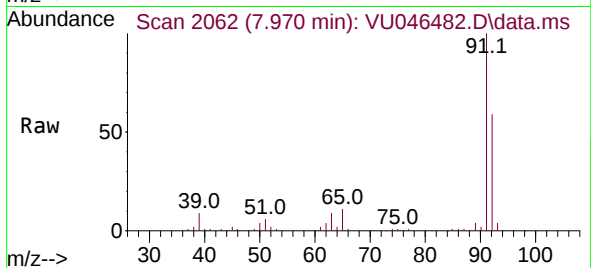
ClientSampleId :

Tgt Ion: 91 Resp: 273079

Ion Ratio Lower Upper

91 100

92 59.5 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 57.374 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU046482.D

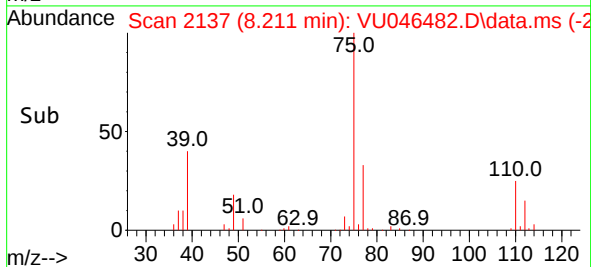
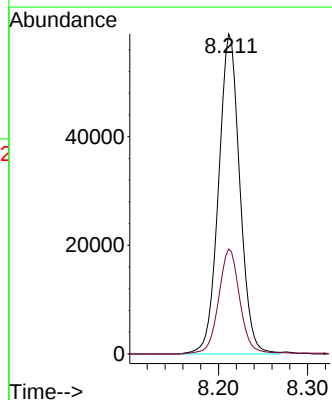
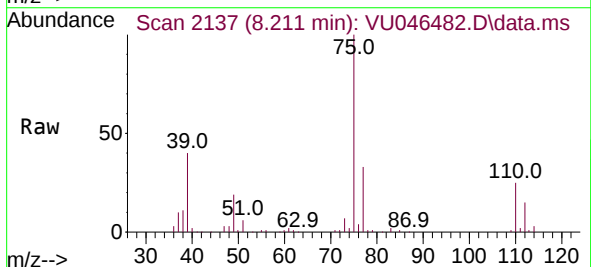
Acq: 17 Dec 2021 19:04

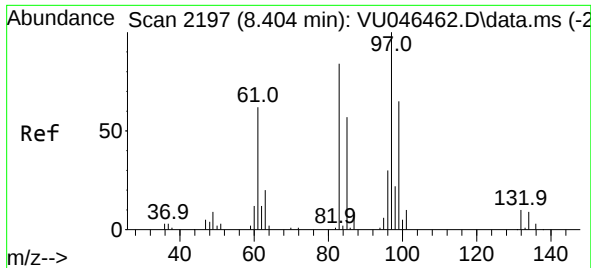
Tgt Ion: 75 Resp: 97634

Ion Ratio Lower Upper

75 100

77 32.8 21.7 40.3

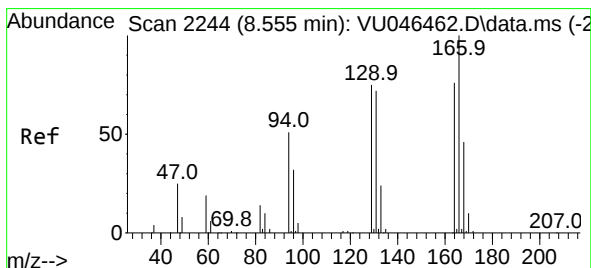
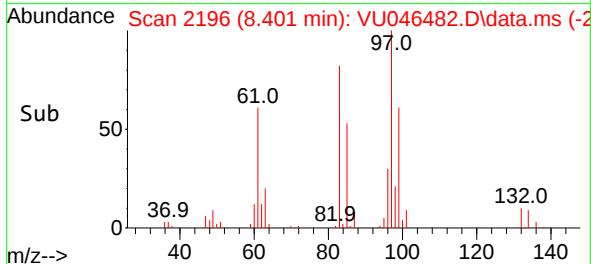
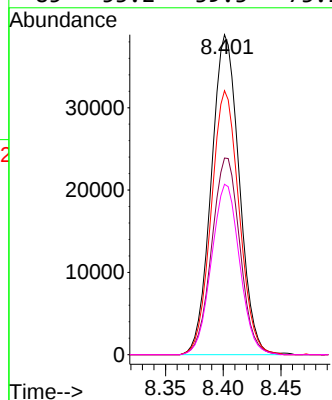
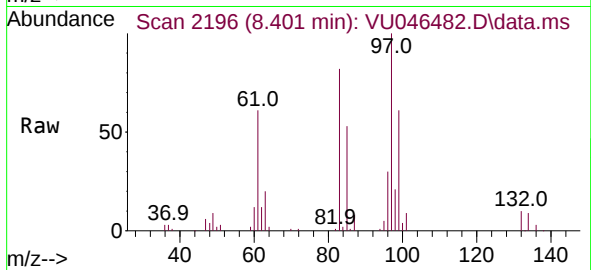




#45
1,1,2-Trichloroethane
Concen: 57.171 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU046482.D
Acq: 17 Dec 2021 19:04

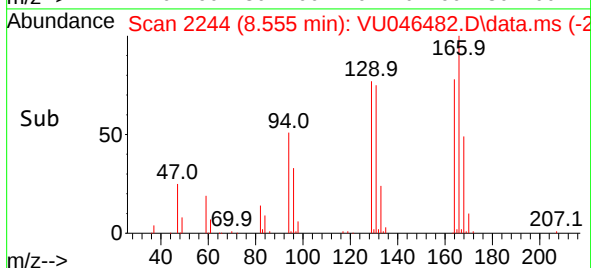
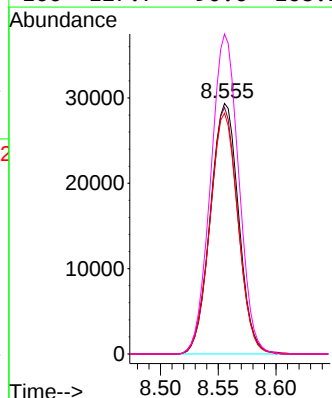
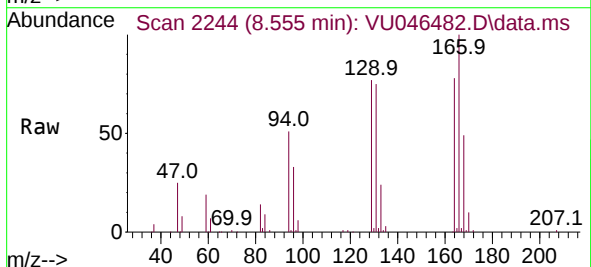
Instrument :
MSVOA_U
ClientSampleId :

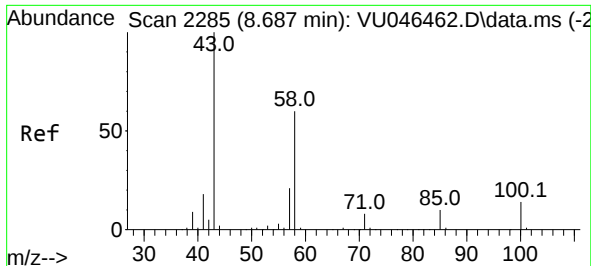
Tgt Ion: 97	Resp: 65325
Ion Ratio	Lower Upper
97 100	
99 61.5	44.7 82.9
83 82.5	60.2 111.8
85 53.2	39.3 73.1



#46
Tetrachloroethene
Concen: 59.324 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046482.D
Acq: 17 Dec 2021 19:04

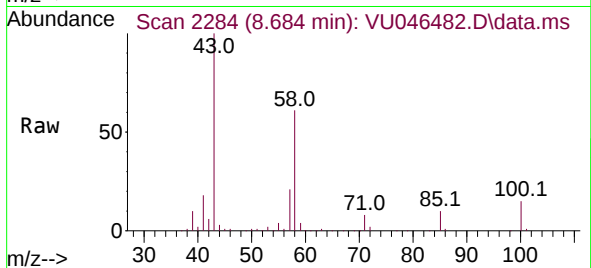
Tgt	Ion:164	Resp:	49933
Ion	Ratio	Lower	Upper
164	100		
129	98.4	71.1	132.1
131	96.1	67.8	126.0
166	127.7	90.6	168.2



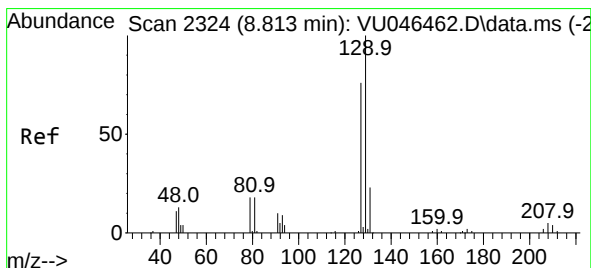
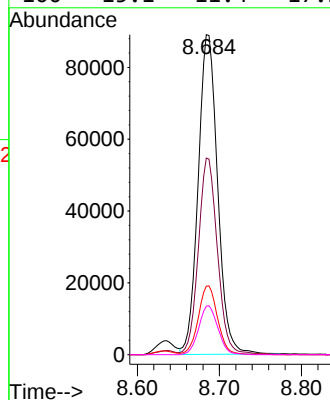
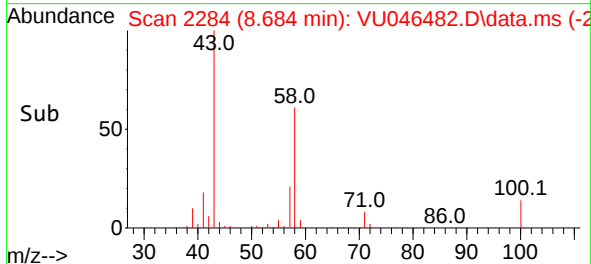


#48
2-Hexanone
Concen: 98.140 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046482.D
Acq: 17 Dec 2021 19:04

Instrument :
MSVOA_U
ClientSampleId :

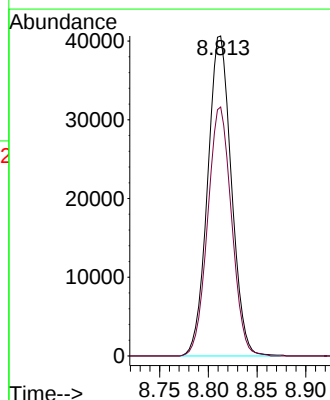
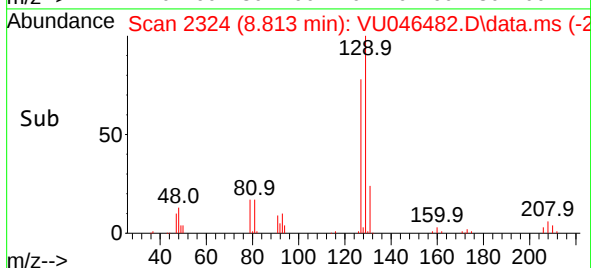
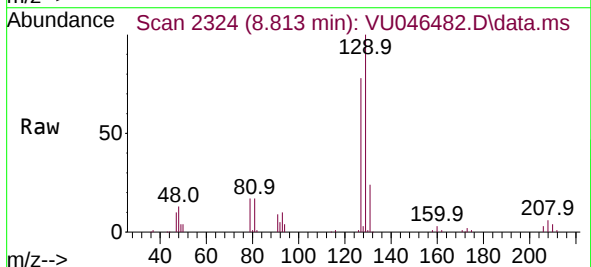


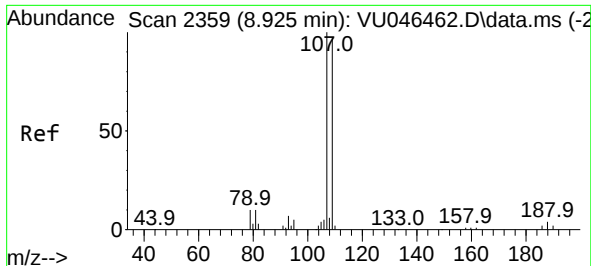
Tgt Ion: 43 Resp: 146866
Ion Ratio Lower Upper
43 100
58 60.5 47.4 71.2
57 21.0 16.6 25.0
100 15.1 11.4 17.2



#49
Dibromochloromethane
Concen: 57.565 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046482.D
Acq: 17 Dec 2021 19:04

Tgt Ion: 129 Resp: 69071
Ion Ratio Lower Upper
129 100
127 77.8 55.6 103.4





#50

1,2-Dibromoethane

Concen: 56.210 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU046482.D

Acq: 17 Dec 2021 19:04

Instrument :

MSVOA_U

ClientSampleId :

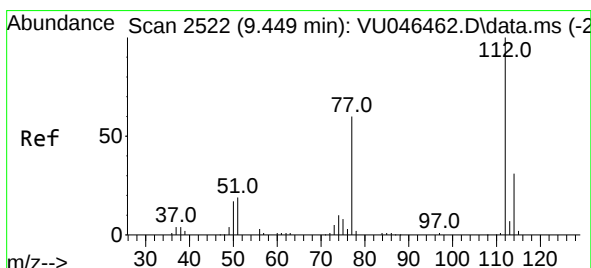
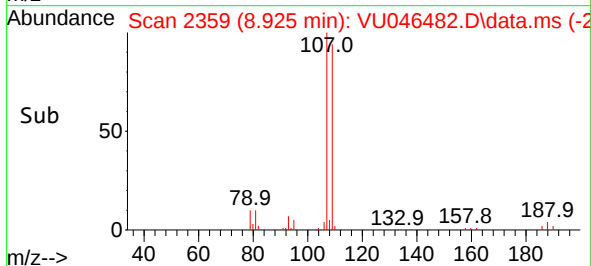
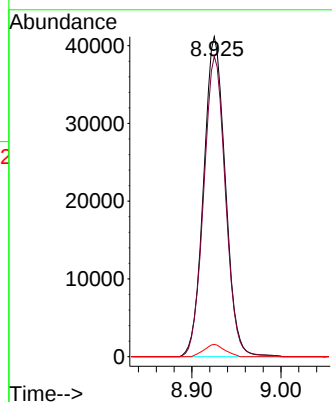
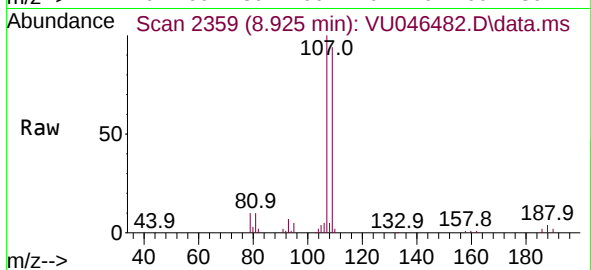
Tgt Ion:107 Resp: 69633

Ion Ratio Lower Upper

107 100

109 93.9 64.9 120.5

188 3.8 2.6 3.8



#51

Chlorobenzene

Concen: 55.928 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU046482.D

Acq: 17 Dec 2021 19:04

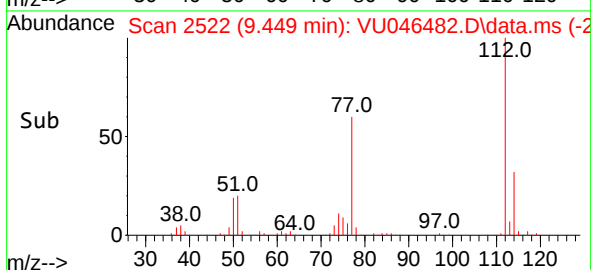
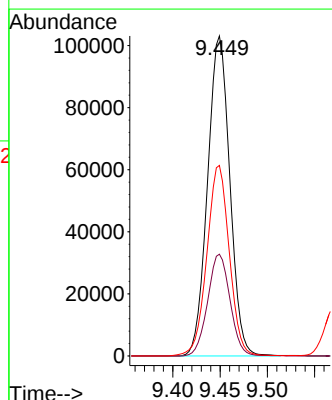
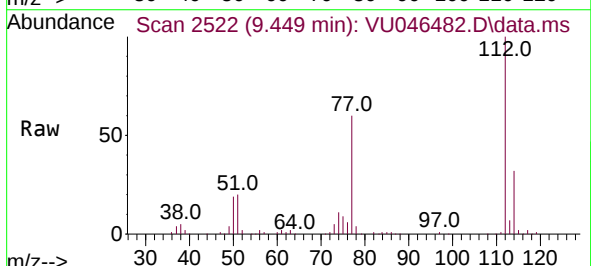
Tgt Ion:112 Resp: 168800

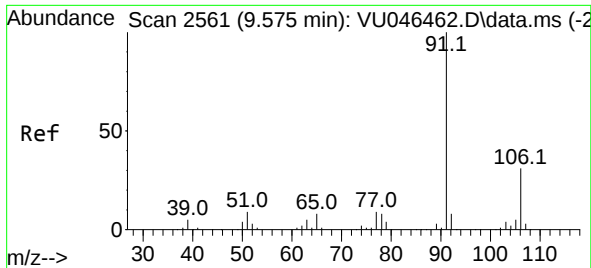
Ion Ratio Lower Upper

112 100

114 31.8 22.2 41.2

77 59.5 47.4 71.0

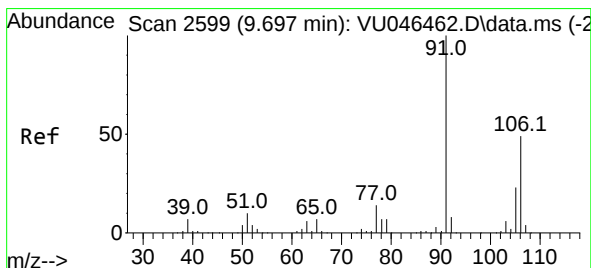
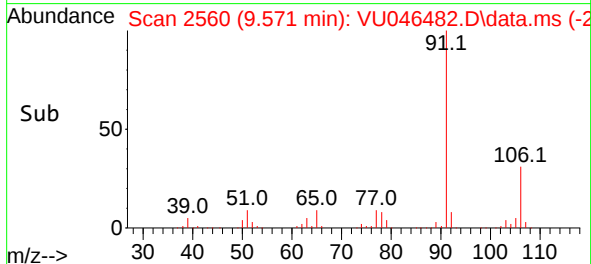
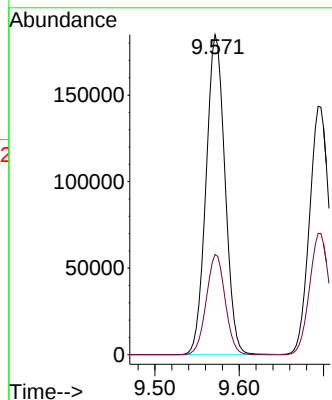
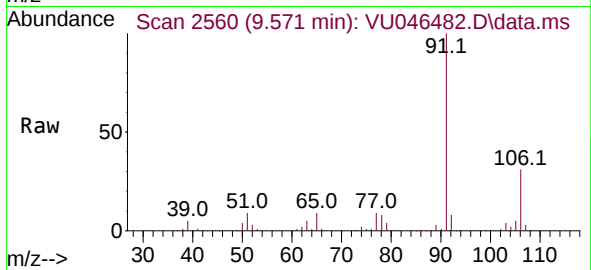




#52
Ethylbenzene
Concen: 57.627 ug/L
RT: 9.571 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU046482.D
Acq: 17 Dec 2021 19:04

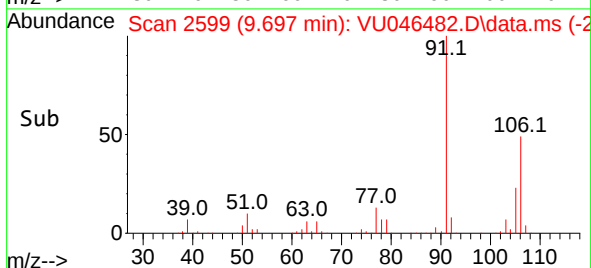
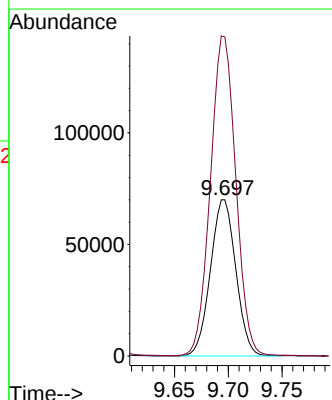
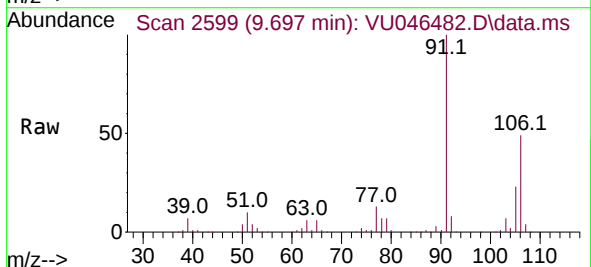
Instrument :
MSVOA_U
ClientSampleId :

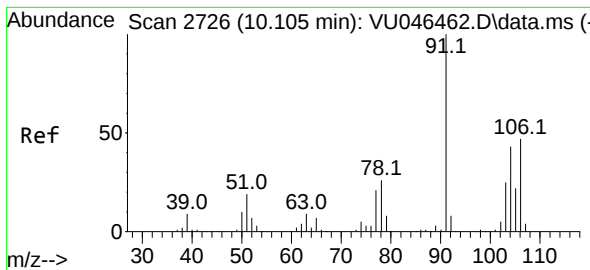
Tgt Ion: 91 Resp: 289327
Ion Ratio Lower Upper
91 100
106 31.3 21.1 39.3



#53
m,p-Xylene
Concen: 58.823 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU046482.D
Acq: 17 Dec 2021 19:04

Tgt Ion:106 Resp: 115177
Ion Ratio Lower Upper
106 100
91 204.2 144.3 268.1





#54

o-xylene

Concen: 59.231 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. 0.000 min

Lab File: VU046482.D

Acq: 17 Dec 2021 19:04

Instrument :

MSVOA_U

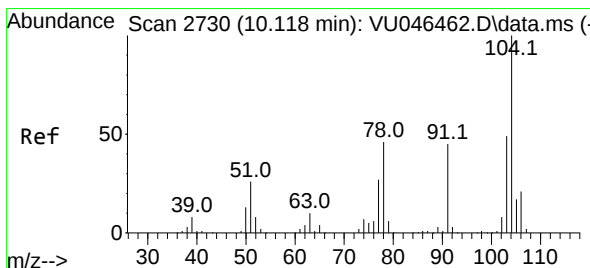
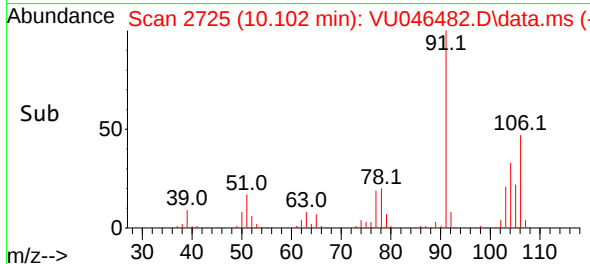
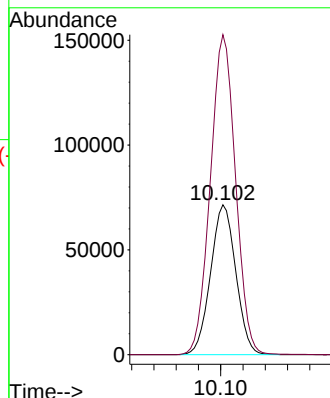
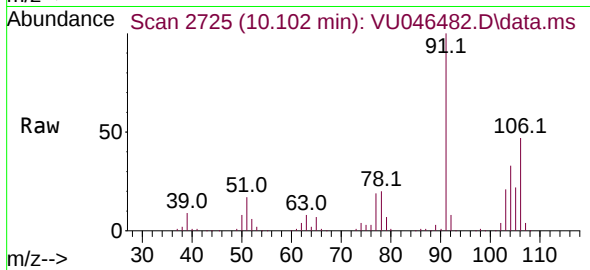
ClientSampleId :

Tgt Ion:106 Resp: 112535

Ion Ratio Lower Upper

106 100

91 213.4 154.2 286.4



#55

Styrene

Concen: 59.801 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU046482.D

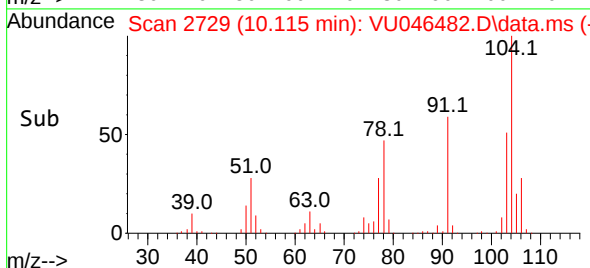
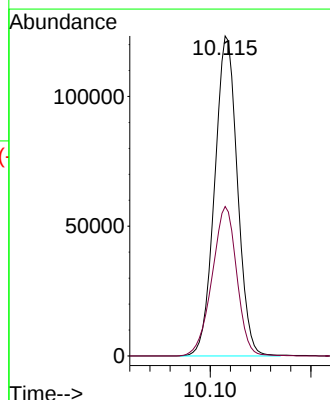
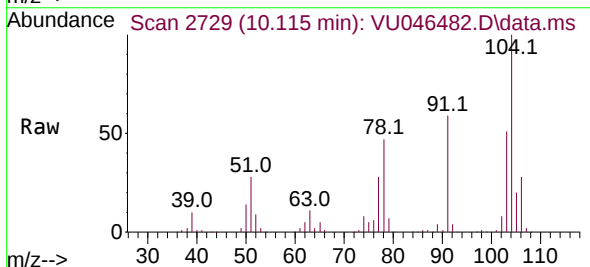
Acq: 17 Dec 2021 19:04

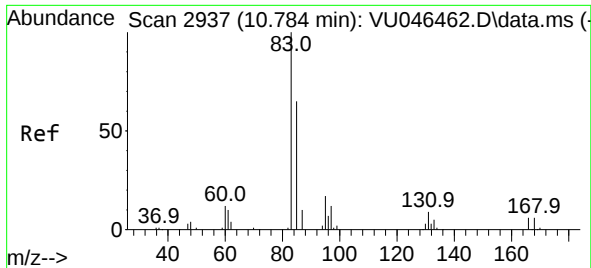
Tgt Ion:104 Resp: 193978

Ion Ratio Lower Upper

104 100

78 46.7 32.6 60.5

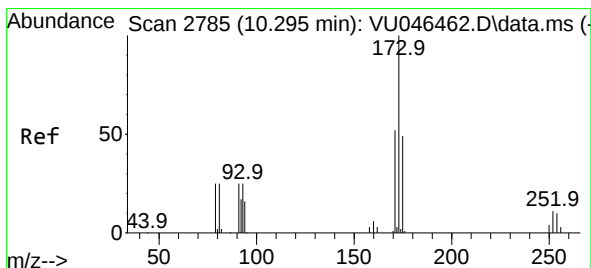
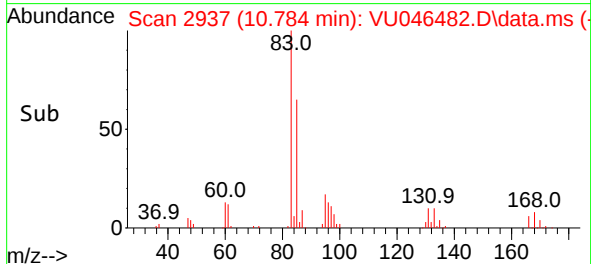
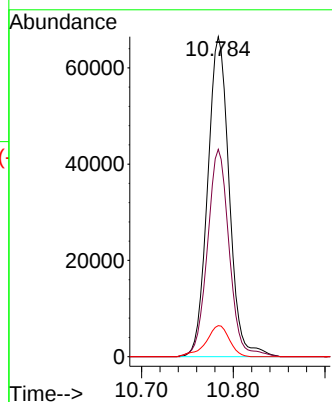
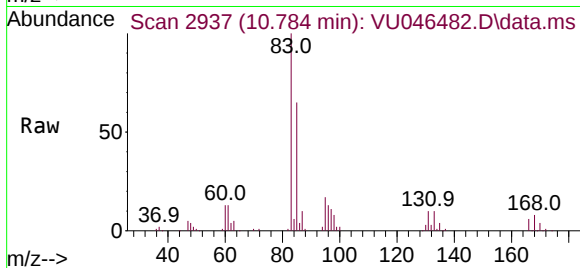




#57
1,1,2,2-Tetrachloroethane
Concen: 55.377 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU046482.D
Acq: 17 Dec 2021 19:04

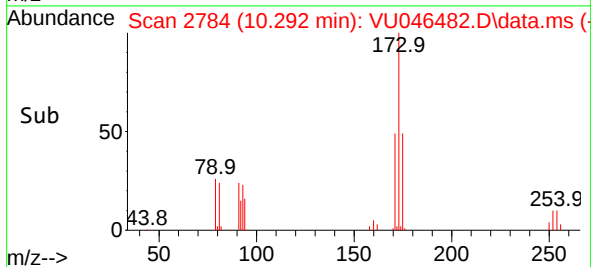
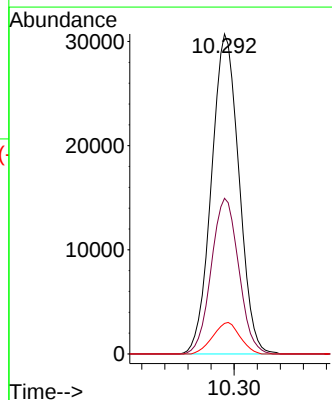
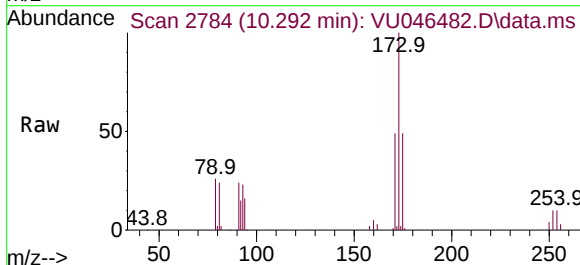
Instrument :
MSVOA_U
ClientSampleId :

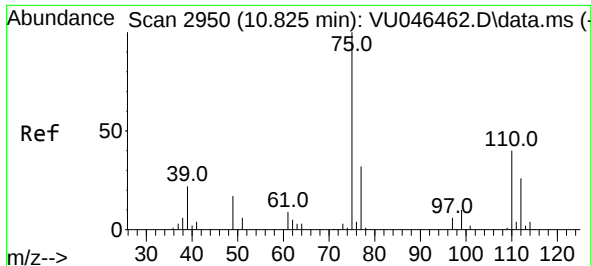
Tgt Ion: 83 Resp: 108481
Ion Ratio Lower Upper
83 100
85 64.8 45.6 84.6
131 9.7 7.8 11.6



#59
Bromoform
Concen: 53.065 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU046482.D
Acq: 17 Dec 2021 19:04

Tgt Ion:173 Resp: 50734
Ion Ratio Lower Upper
173 100
175 48.6 39.2 58.8
254 9.7 7.4 11.2

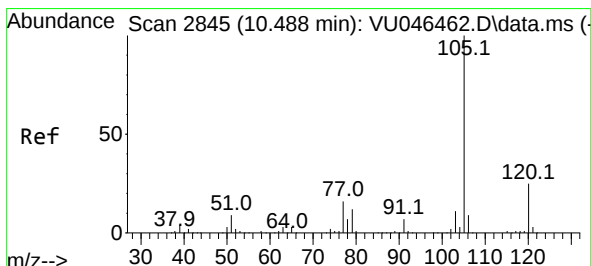
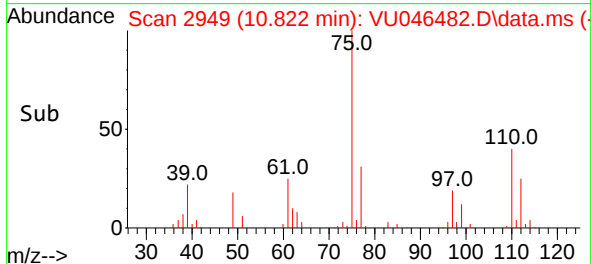
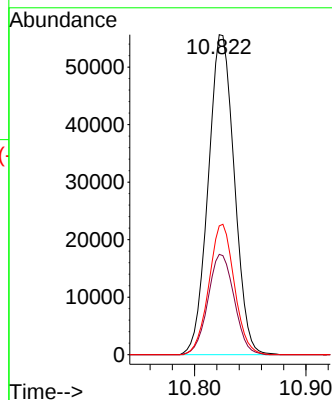
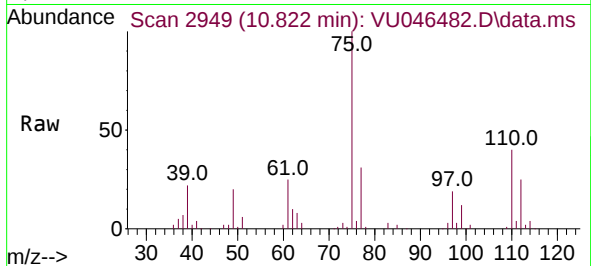




#60
1,2,3-Trichloropropane
Concen: 50.629 ug/L
RT: 10.822 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU046482.D
Acq: 17 Dec 2021 19:04

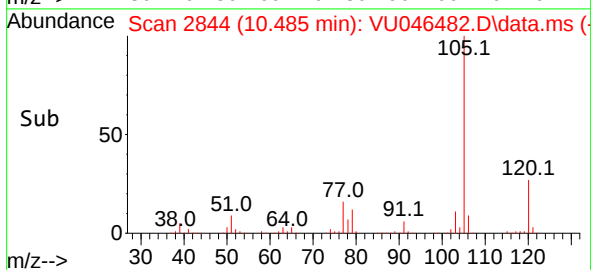
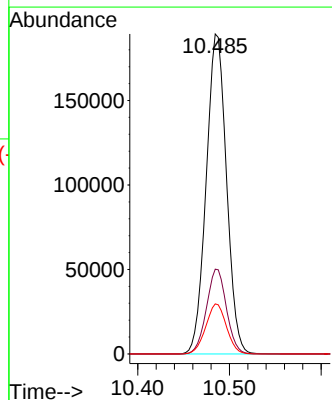
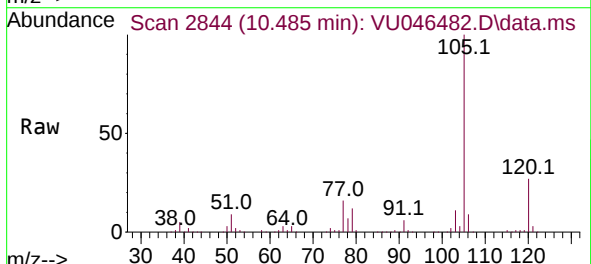
Instrument :
MSVOA_U
ClientSampleId :

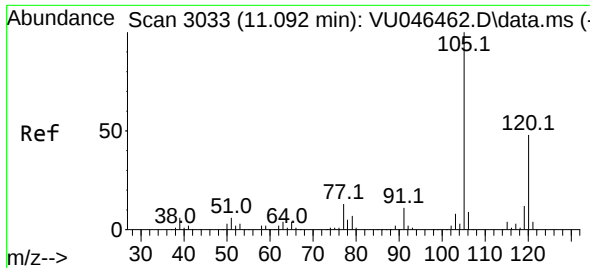
Tgt Ion: 75 Resp: 90451
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6
110 39.8 32.4 48.6



#61
Isopropylbenzene
Concen: 54.868 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU046482.D
Acq: 17 Dec 2021 19:04

Tgt Ion: 105 Resp: 290947
Ion Ratio Lower Upper
105 100
120 26.1 20.7 31.1
77 15.9 12.2 18.4





#62

1,3,5-Trimethylbenzene

Concen: 57.322 ug/L

RT: 11.089 min Scan# 3033

Delta R.T. 0.000 min

Lab File: VU046482.D

Acq: 17 Dec 2021 19:04

Instrument :

MSVOA_U

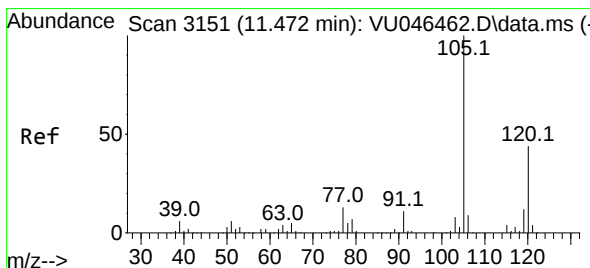
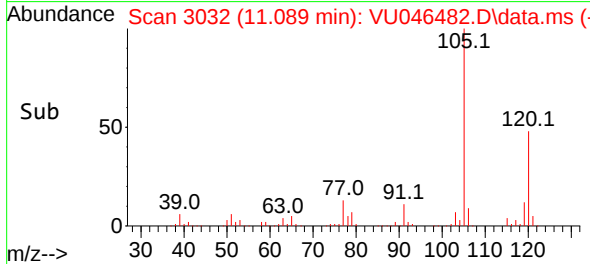
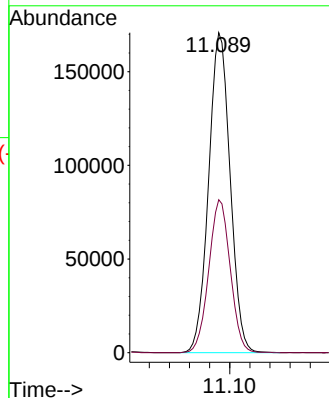
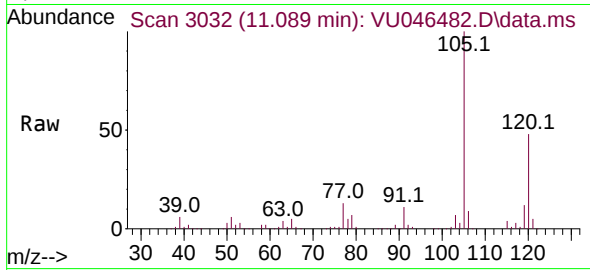
ClientSampleId :

Tgt Ion:105 Resp: 253354

Ion Ratio Lower Upper

105 100

120 47.7 37.8 56.6



#63

1,2,4-Trimethylbenzene

Concen: 58.585 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU046482.D

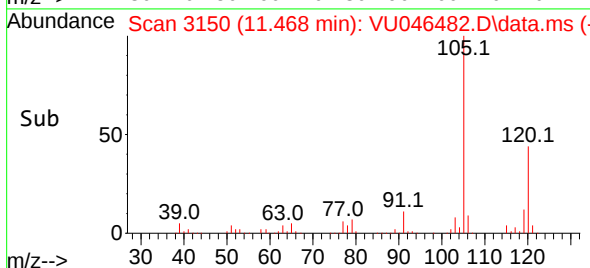
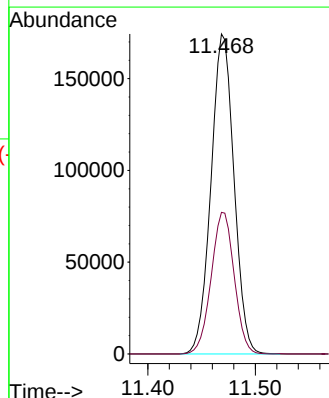
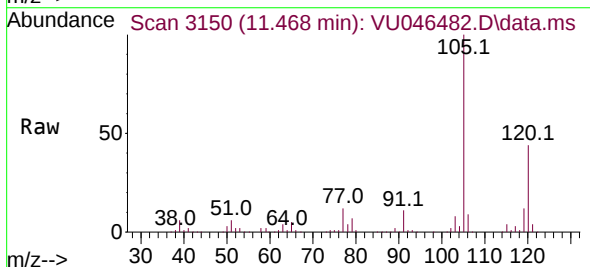
Acq: 17 Dec 2021 19:04

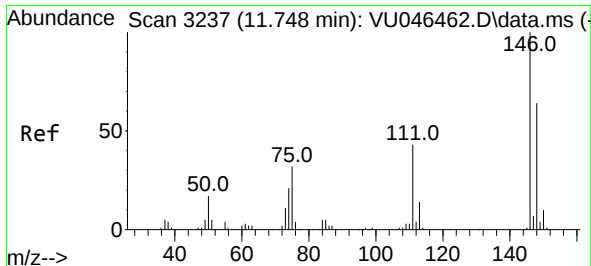
Tgt Ion:105 Resp: 259063

Ion Ratio Lower Upper

105 100

120 44.3 35.2 52.8

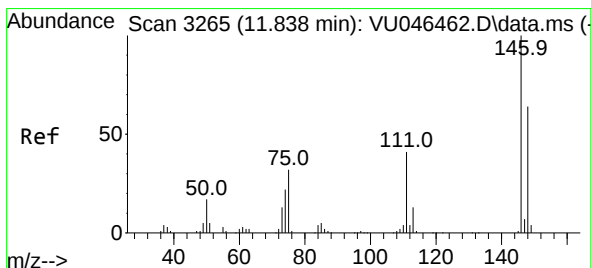
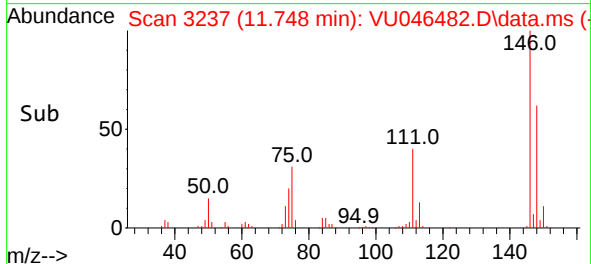
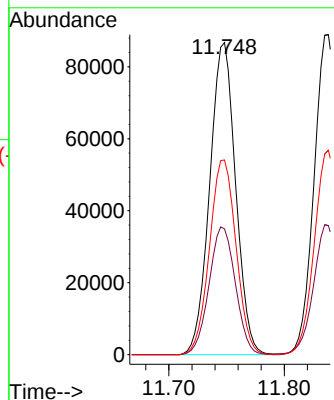
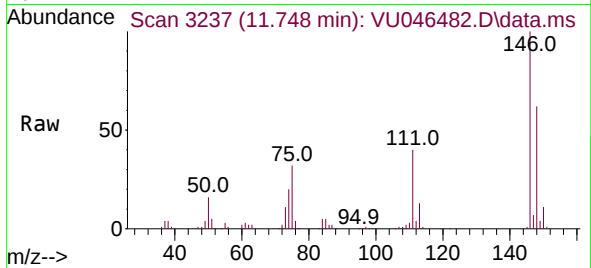




#64
1,3-Dichlorobenzene
Concen: 53.689 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU046482.D
Acq: 17 Dec 2021 19:04

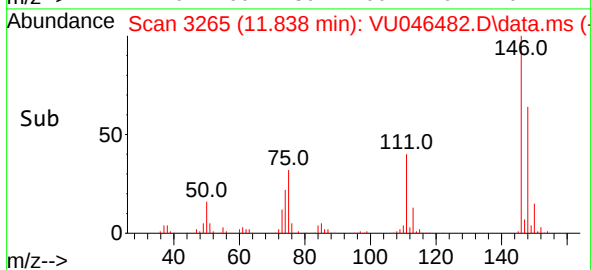
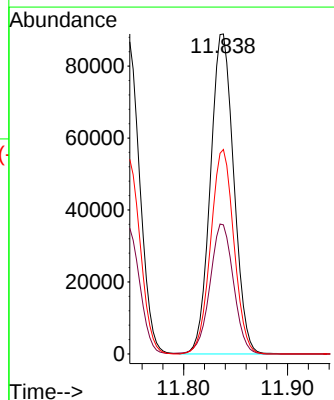
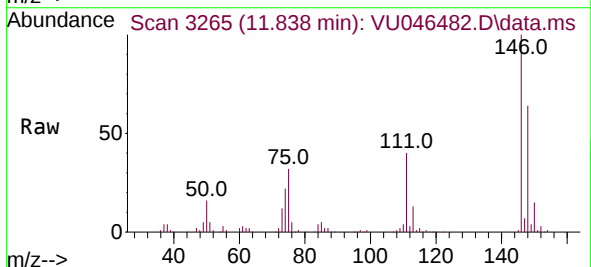
Instrument :
MSVOA_U
ClientSampleId :

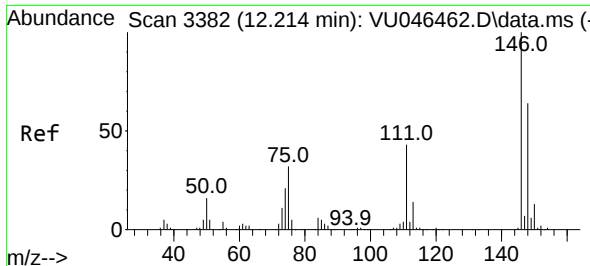
Tgt Ion:146 Resp: 135232
Ion Ratio Lower Upper
146 100
111 40.3 29.5 54.9
148 62.4 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 53.418 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU046482.D
Acq: 17 Dec 2021 19:04

Tgt Ion:146 Resp: 139058
Ion Ratio Lower Upper
146 100
111 40.4 28.3 52.7
148 63.9 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 53.396 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

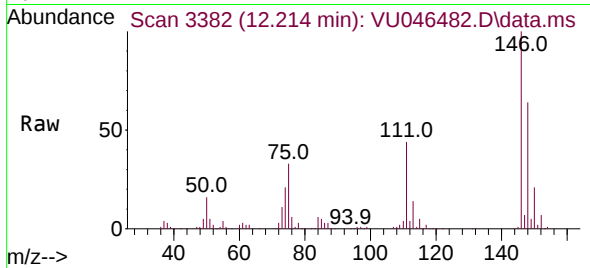
Lab File: VU046482.D

Acq: 17 Dec 2021 19:04

Instrument :

MSVOA_U

ClientSampleId :



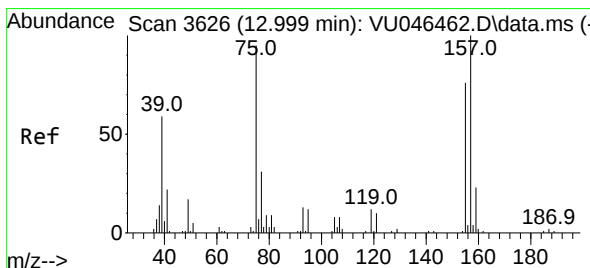
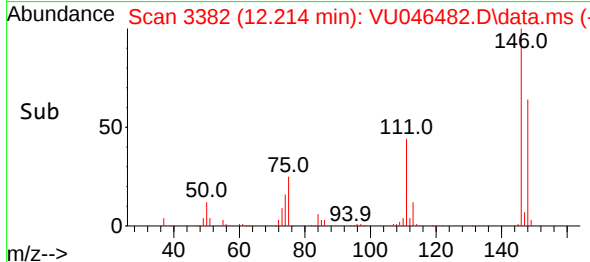
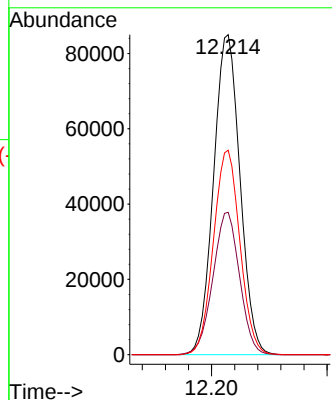
Tgt Ion:146 Resp: 135440

Ion Ratio Lower Upper

146 100

111 44.5 35.7 53.5

148 63.9 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 58.107 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU046482.D

Acq: 17 Dec 2021 19:04

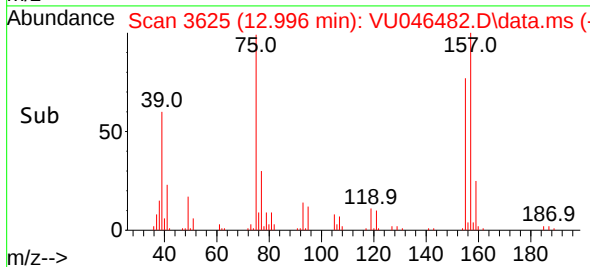
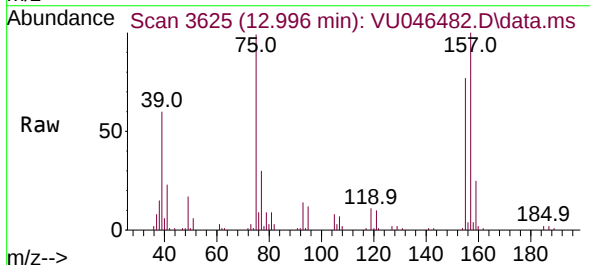
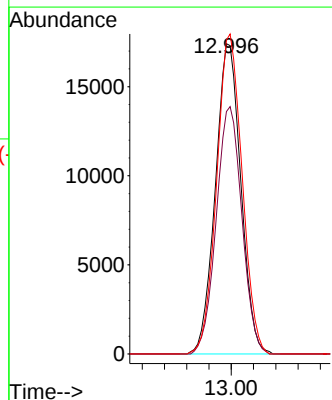
Tgt Ion: 75 Resp: 27655

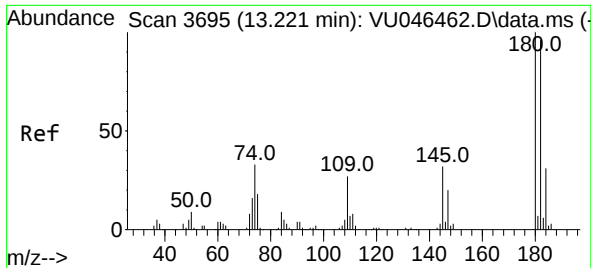
Ion Ratio Lower Upper

75 100

155 78.1 64.9 97.3

157 101.1 81.9 122.9





#69

1,3,5-Trichlorobenzene

Concen: 56.339 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.000 min

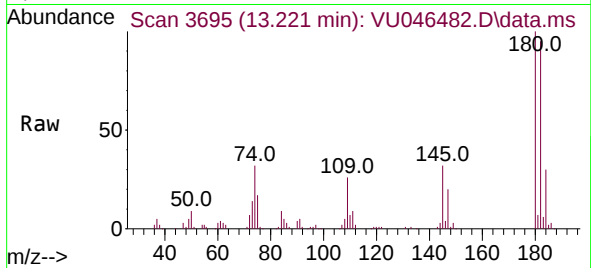
Lab File: VU046482.D

Acq: 17 Dec 2021 19:04

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 103400

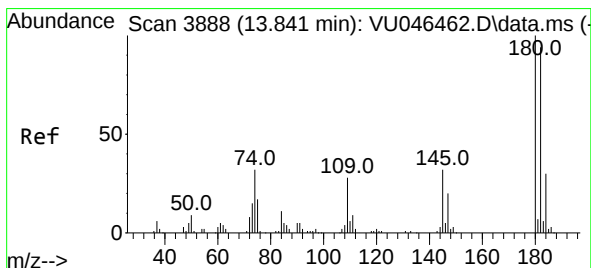
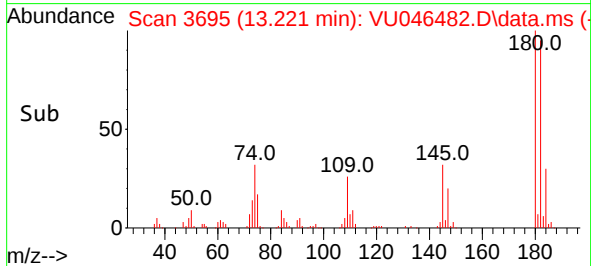
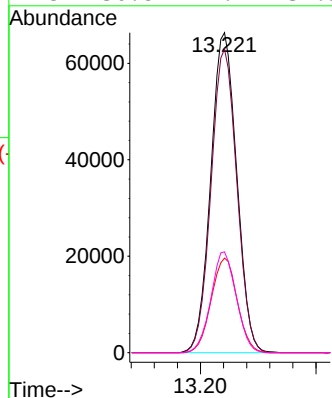
Ion Ratio Lower Upper

180 100

182 94.3 75.9 113.9

184 29.7 24.2 36.4

145 30.8 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 56.699 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU046482.D

Acq: 17 Dec 2021 19:04

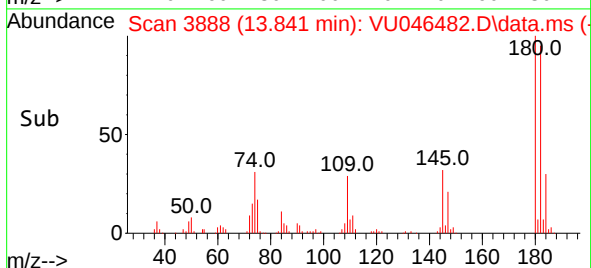
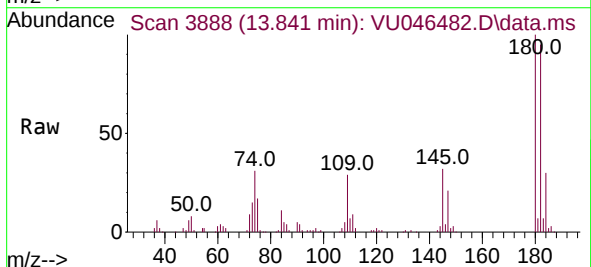
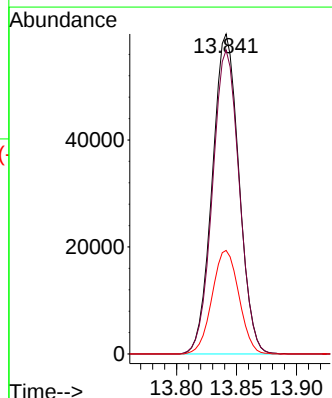
Tgt Ion:180 Resp: 92342

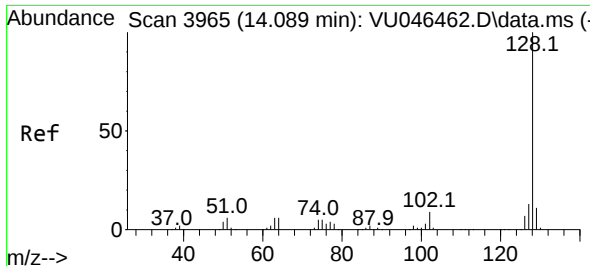
Ion Ratio Lower Upper

180 100

182 95.3 76.7 115.1

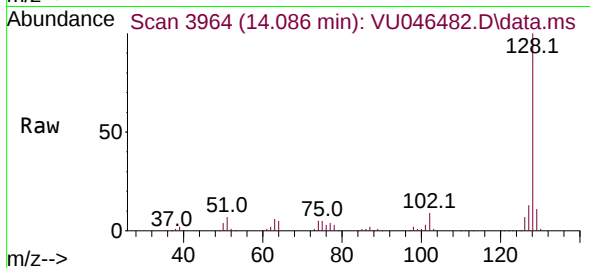
145 32.6 26.0 39.0



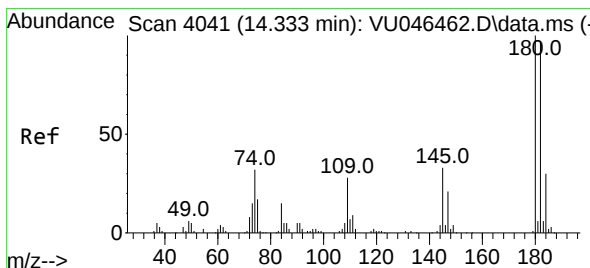
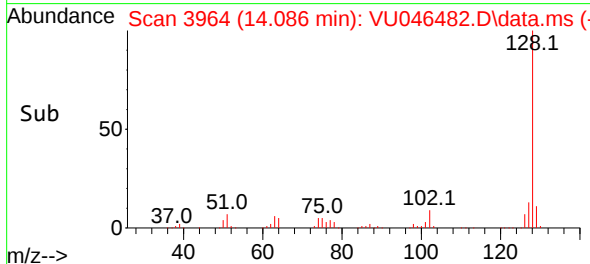
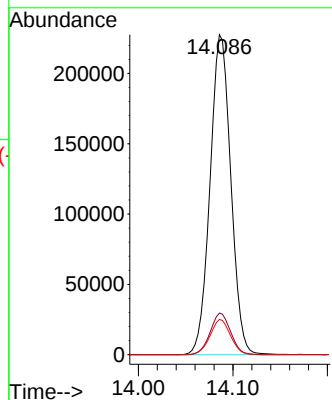


#71
Naphthalene
Concen: 61.316 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU046482.D
Acq: 17 Dec 2021 19:04

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 347500
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 59.611 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU046482.D
Acq: 17 Dec 2021 19:04

Tgt Ion:180 Resp: 99002
Ion Ratio Lower Upper
180 100
182 94.9 76.0 114.0
145 34.4 27.3 40.9

