

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
 Data File : VU046103.D
 Acq On : 06 Dec 2021 11:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 06 14:17:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	265560	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	260986	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	140408	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	79931	36.539	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.080%		
7) Chloroethane-d5	1.919	69	59257	35.281	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	70.560%		
11) 1,1-Dichloroethene-d2	2.575	63	163807	41.713	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.420%		
21) 2-Butanone-d5	4.636	46	135453	77.892	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	77.890%		
24) Chloroform-d	5.066	84	155610	42.597	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.200%		
26) 1,2-Dichloroethane-d4	5.706	65	96016	39.164	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.320%		
32) Benzene-d6	5.732	84	316823	42.354	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.700%		
36) 1,2-Dichloropropane-d6	6.693	67	96252	41.519	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.040%		
41) Toluene-d8	7.902	98	296526	43.538	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.080%		
43) trans-1,3-Dichloroprop...	8.182	79	51225	45.773	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.540%		
47) 2-Hexanone-d5	8.635	63	97591	88.785	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.790%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	142410	40.506	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.020%		
66) 1,2-Dichlorobenzene-d4	12.195	152	114353	42.290	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.580%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	128890	44.611	ug/L	99
3) Chloromethane	1.520	50	110064	42.591	ug/L	100
5) Vinyl chloride	1.607	62	120393	46.204	ug/L	100
6) Bromomethane	1.861	94	69854	47.298	ug/L	99
8) Chloroethane	1.938	64	68800	45.602	ug/L	100
9) Trichlorofluoromethane	2.144	101	160713	47.242	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	103311	53.465	ug/L	95
12) 1,1-Dichloroethene	2.584	96	96610	52.614	ug/L	85
13) Acetone	2.652	43	187040	86.060	ug/L	98
14) Carbon disulfide	2.800	76	283165	49.706	ug/L	99
15) Methyl Acetate	2.957	43	120704	47.642	ug/L	97
16) Methylene chloride	3.050	84	109432	50.092	ug/L	97
17) trans-1,2-Dichloroethene	3.359	96	105504	54.295	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	338061	56.451	ug/L	99
19) 1,1-Dichloroethane	3.874	63	183643	51.978	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	114955	54.521	ug/L	97
22) 2-Butanone	4.716	43	215508	91.089	ug/L	96
23) Bromochloromethane	4.980	128	60331	56.654	ug/L	90
25) Chloroform	5.092	83	195826	49.885	ug/L	99

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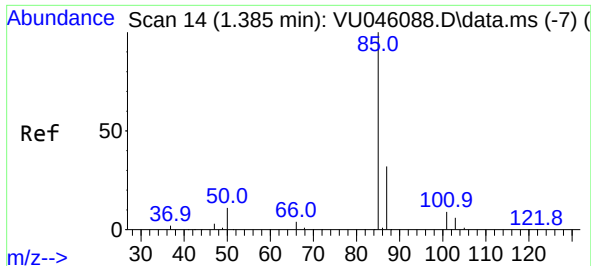
Quant Time: Dec 06 14:17:55 2021
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 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	147592	50.667	ug/L	99
29) Cyclohexane	5.394	56	167209	55.021	ug/L	97
30) 1,1,1-Trichloroethane	5.320	97	173324	54.103	ug/L	98
31) Carbon tetrachloride	5.529	117	149439	54.946	ug/L	99
33) Benzene	5.777	78	423253	53.583	ug/L	100
34) Trichloroethene	6.545	95	115620	55.561	ug/L	99
35) Methylcyclohexane	6.767	83	177393	54.978	ug/L	98
37) 1,2-Dichloropropane	6.793	63	107202	51.808	ug/L	99
38) Bromodichloromethane	7.108	83	147506	53.632	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	176994	56.226	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	321358	105.704	ug/L	98
42) Toluene	7.973	91	469164	55.353	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	173455	56.103	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	110807	53.376	ug/L	98
46) Tetrachloroethene	8.555	164	89666	58.634	ug/L	97
48) 2-Hexanone	8.687	43	272525	100.233	ug/L	97
49) Dibromochloromethane	8.812	129	123386	56.599	ug/L	97
50) 1,2-Dibromoethane	8.928	107	123475	54.861	ug/L	99
51) Chlorobenzene	9.449	112	306929	55.973	ug/L	98
52) Ethylbenzene	9.574	91	522395	57.268	ug/L	98
53) m,p-Xylene	9.697	106	206273	57.984	ug/L	97
54) o-xylene	10.105	106	198922	57.628	ug/L	95
55) Styrene	10.118	104	345444	58.616	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.786	83	182499	51.277	ug/L	99
59) Bromoform	10.295	173	93218	56.594	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	154042	50.048	ug/L	99
61) Isopropylbenzene	10.487	105	526310	57.611	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	453486	59.555	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	455663	59.812	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	249032	57.388	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	251280	56.029	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	241107	55.173	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	45456	55.438	ug/L	94
69) 1,3,5-Trichlorobenzene	13.220	180	187230	59.214	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	172964	61.644	ug/L	99
71) Naphthalene	14.089	128	623293	63.837	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	174141	60.862	ug/L	99

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

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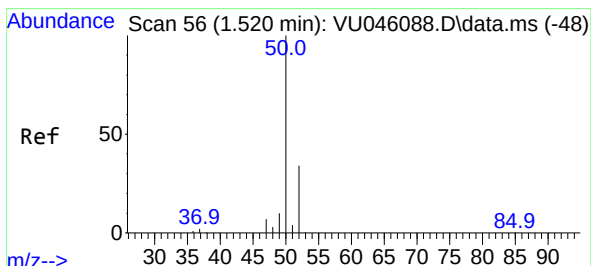
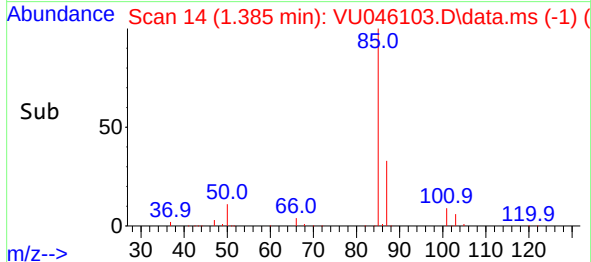
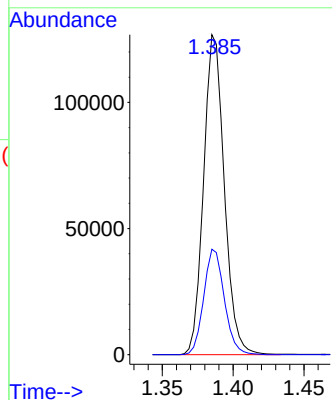
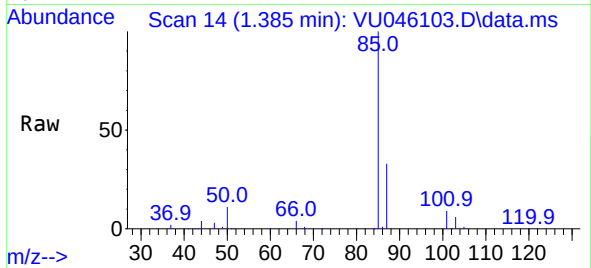




#2
Dichlorodifluoromethane
Concen: 44.611 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

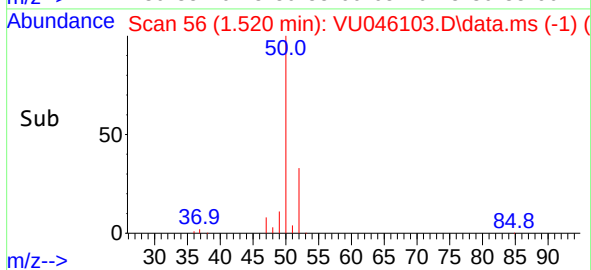
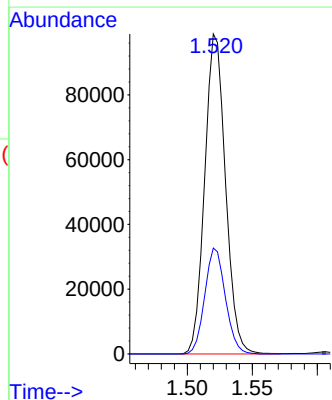
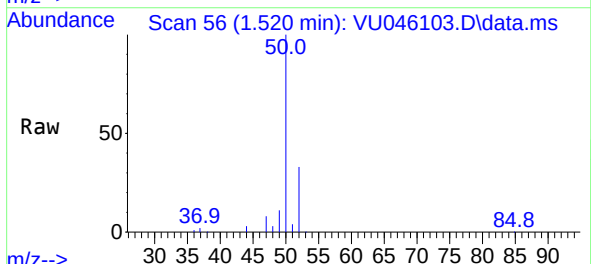
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MSVOA_U
ClientSampleId :

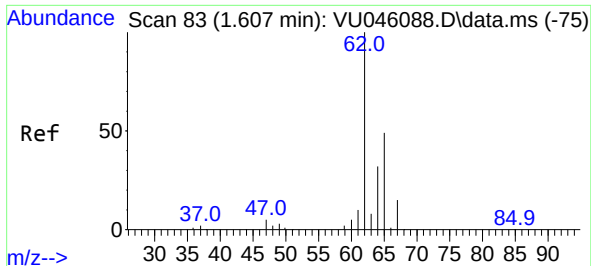
Tgt Ion: 85 Resp: 128890
Ion Ratio Lower Upper
85 100
87 32.7 25.7 38.5



#3
Chloromethane
Concen: 42.591 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

Tgt Ion: 50 Resp: 110064
Ion Ratio Lower Upper
50 100
52 33.1 23.2 43.2

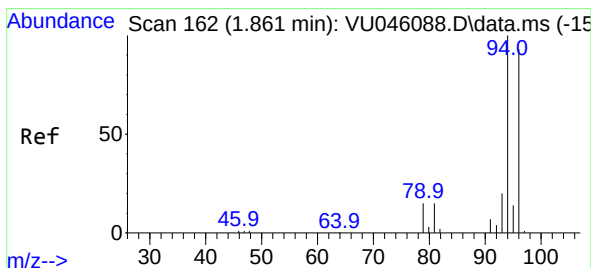
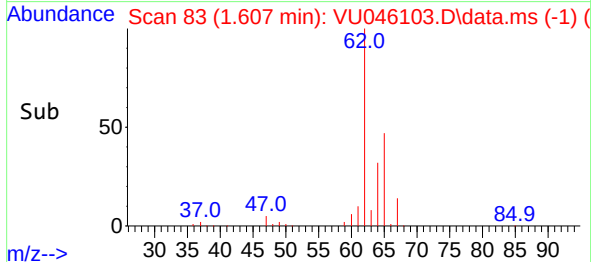
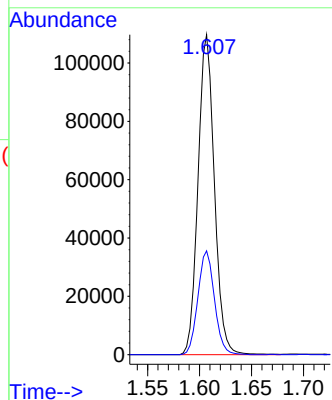
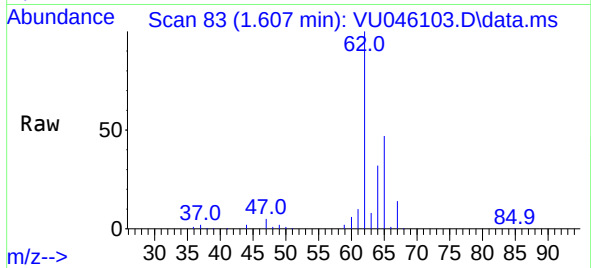




#5
 Vinyl chloride
 Concen: 46.204 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU046103.D
 Acq: 06 Dec 2021 11:00

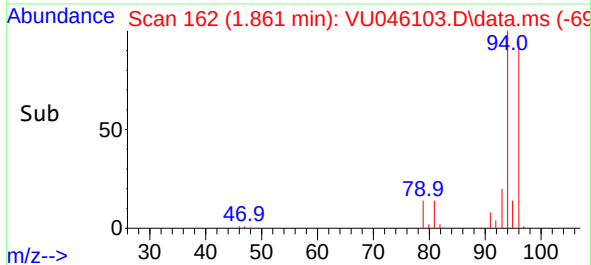
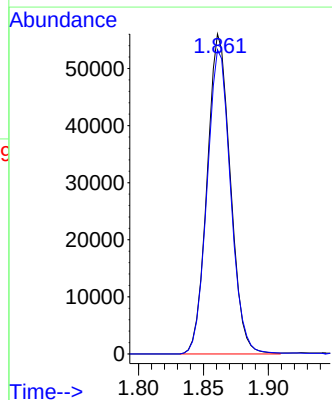
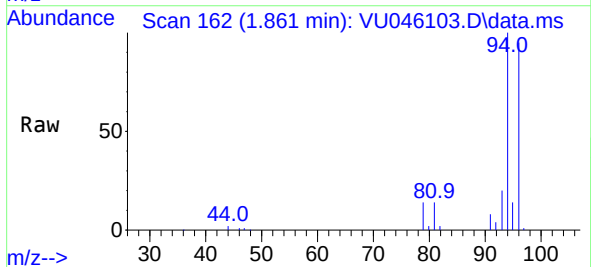
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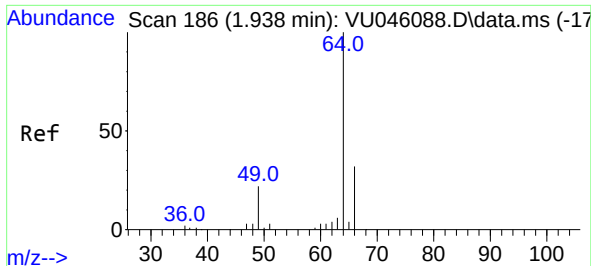
Tgt Ion: 62 Resp: 120393
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.9 42.5



#6
 Bromomethane
 Concen: 47.298 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU046103.D
 Acq: 06 Dec 2021 11:00

Tgt Ion: 94 Resp: 69854
 Ion Ratio Lower Upper
 94 100
 96 95.1 67.4 125.2

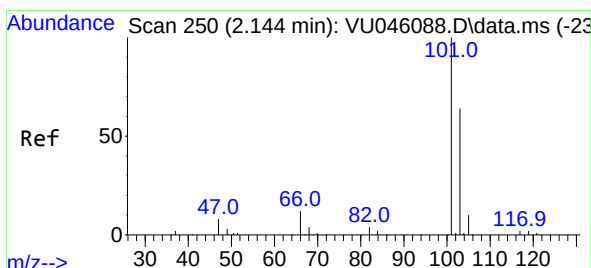
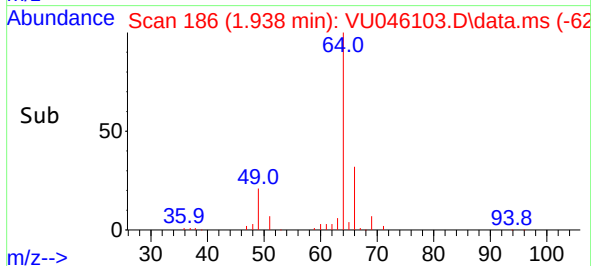
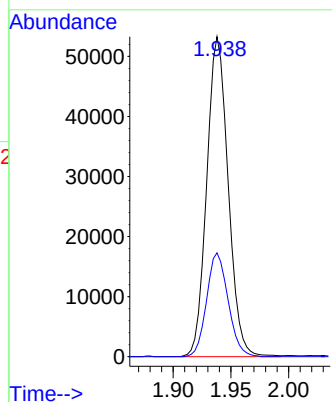
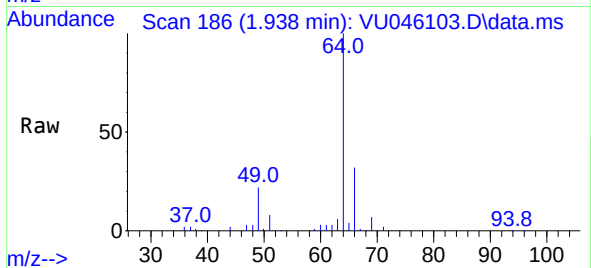




#8
Chloroethane
Concen: 45.602 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

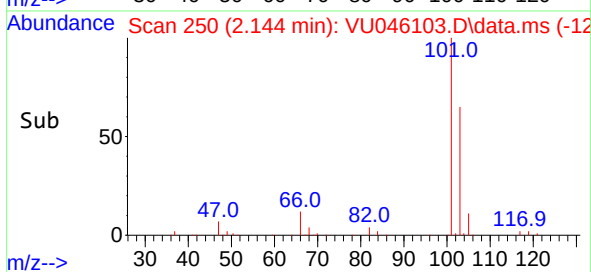
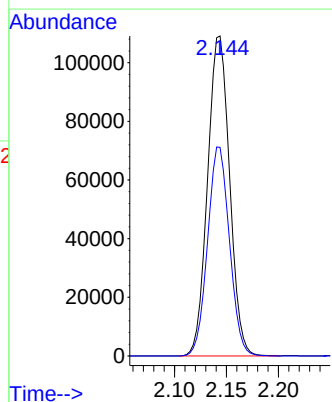
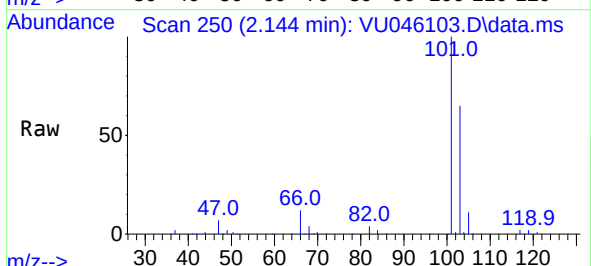
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MSVOA_U
ClientSampleId :

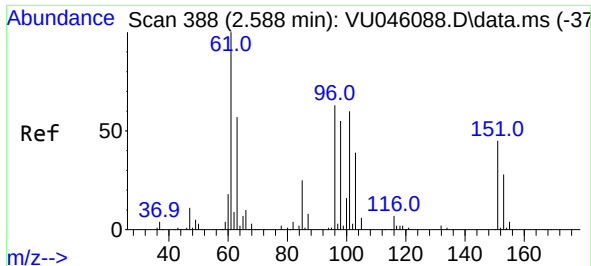
Tgt Ion: 64 Resp: 68800
Ion Ratio Lower Upper
64 100
66 32.4 22.5 41.9



#9
Trichlorofluoromethane
Concen: 47.242 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

Tgt Ion:101 Resp: 160713
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.6

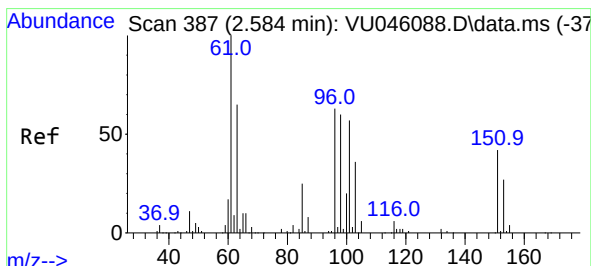
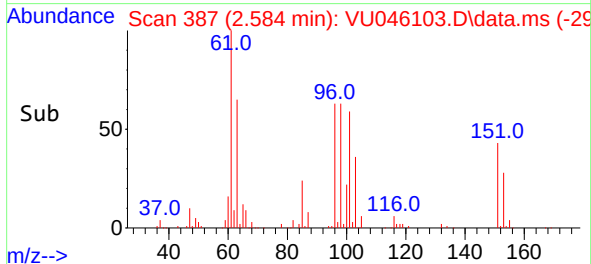
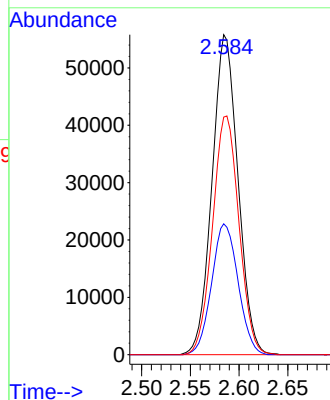
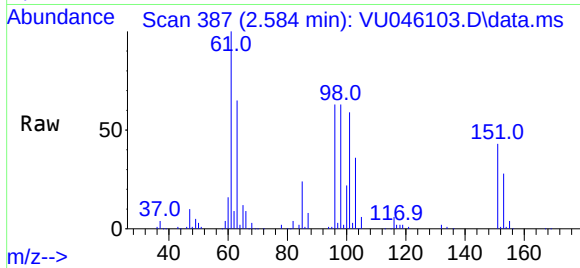




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 53.465 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

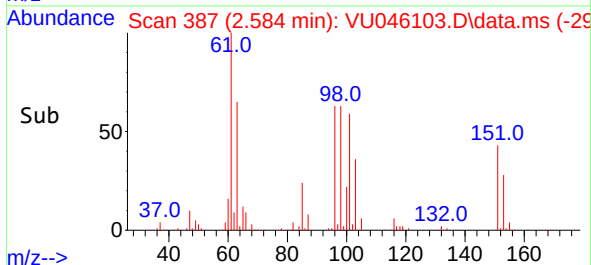
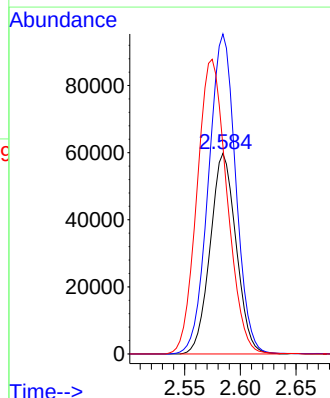
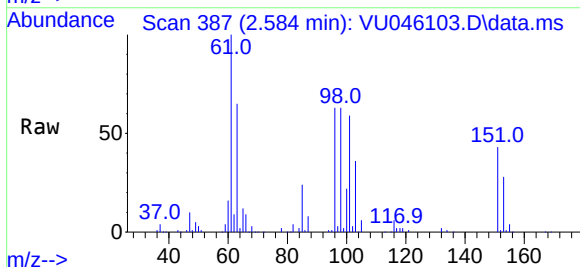
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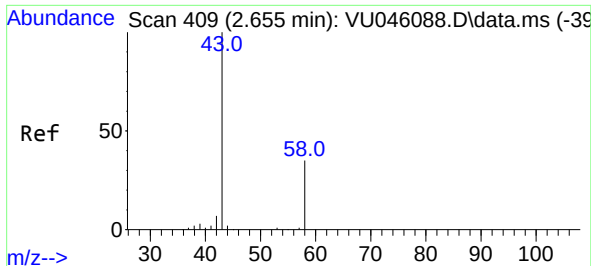
Tgt Ion:101 Resp: 103311
Ion Ratio Lower Upper
101 100
85 41.8 35.1 52.7
151 75.9 56.7 85.1



#12
1,1-Dichloroethene
Concen: 52.614 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

Tgt Ion: 96 Resp: 96610
Ion Ratio Lower Upper
96 100
61 159.6 118.6 220.2
63 103.7 93.0 172.8

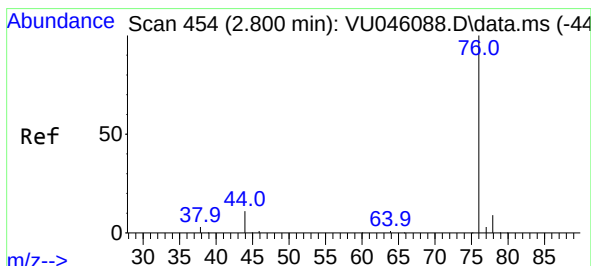
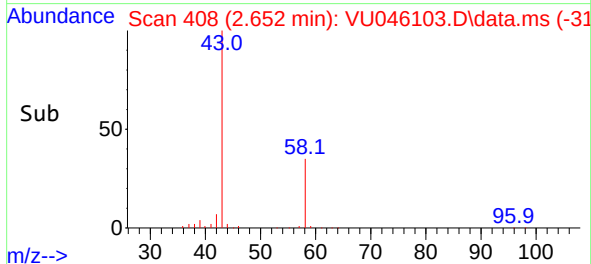
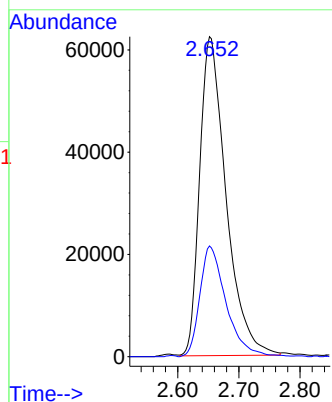
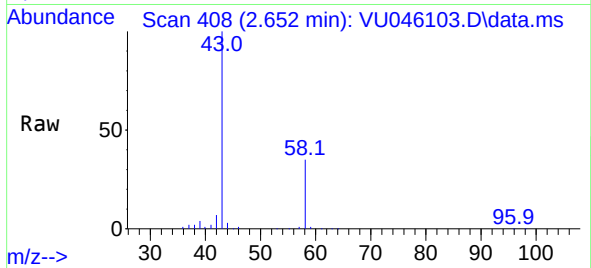




#13
Acetone
Concen: 86.060 ug/L
RT: 2.652 min Scan# 409
Delta R.T. -0.010 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

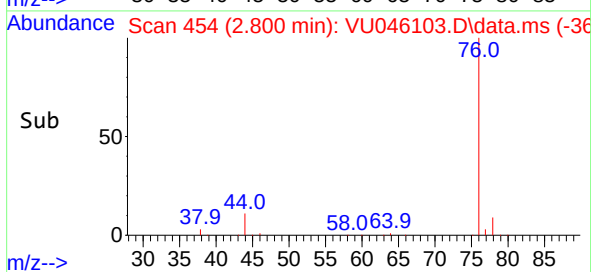
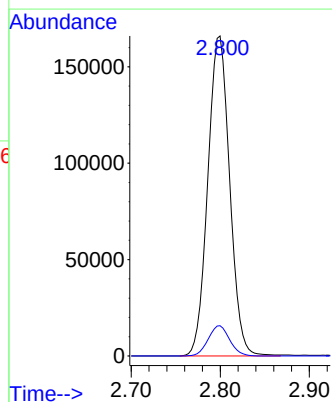
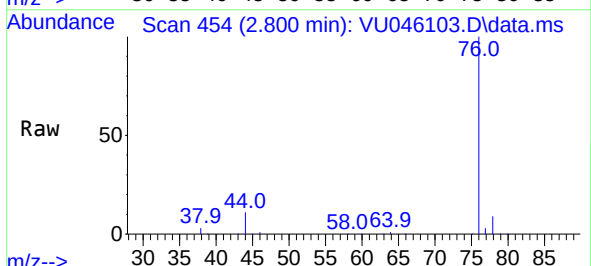
Instrument :
MSVOA_U
ClientSampleId :

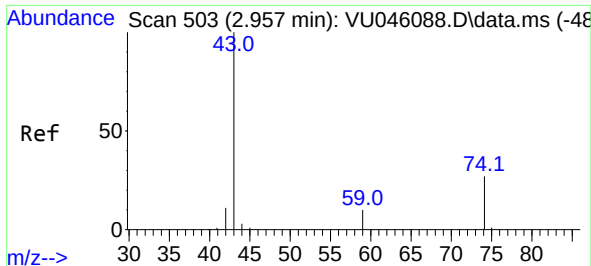
Tgt Ion: 43 Resp: 187040
Ion Ratio Lower Upper
43 100
58 34.3 0.0 66.8



#14
Carbon disulfide
Concen: 49.706 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

Tgt Ion: 76 Resp: 283165
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9

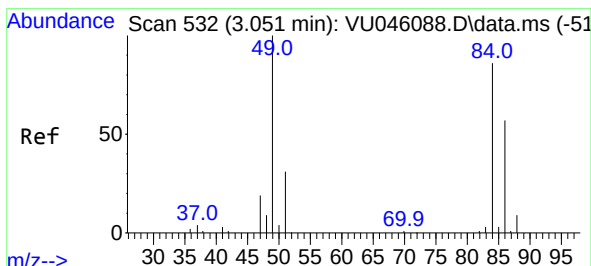
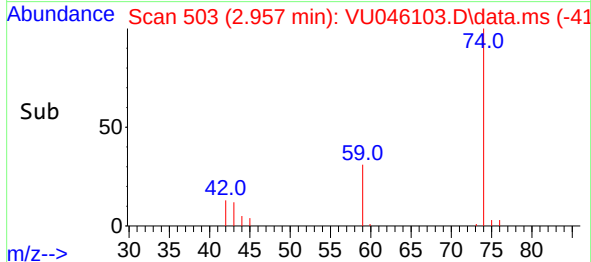
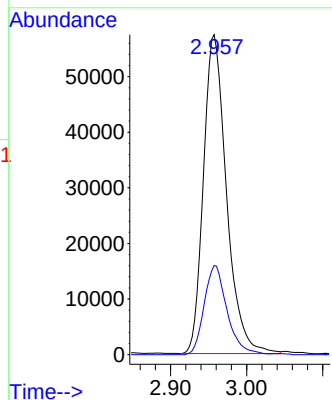
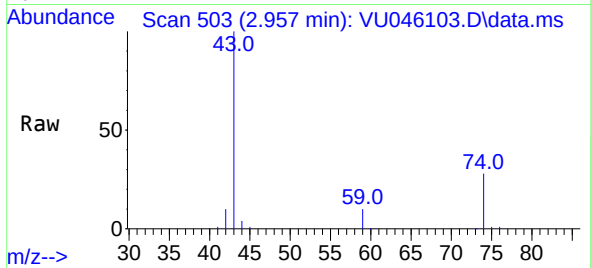




#15
Methyl Acetate
Concen: 47.642 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.003 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

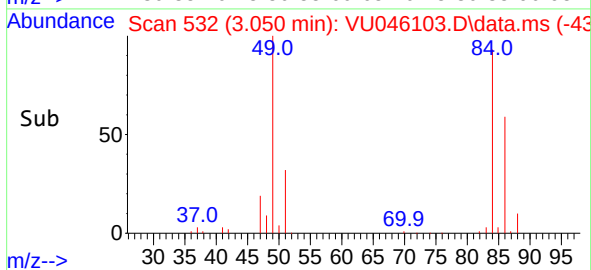
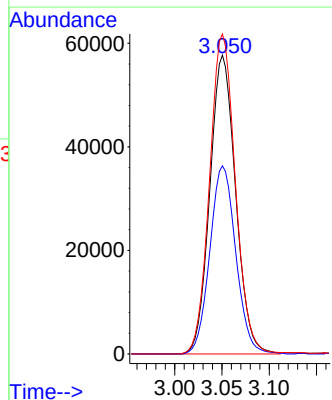
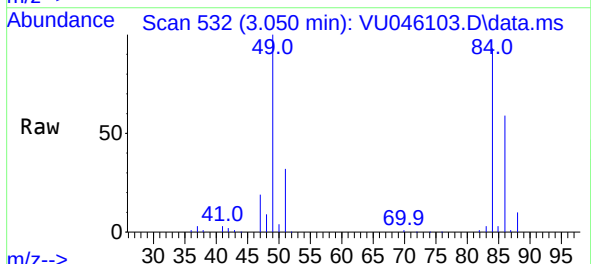
Instrument :
MSVOA_U
ClientSampleId :

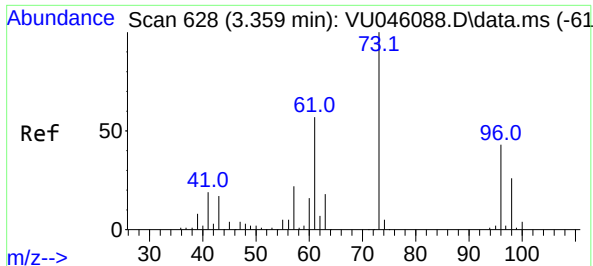
Tgt Ion: 43 Resp: 120704
Ion Ratio Lower Upper
43 100
74 27.8 20.8 31.2



#16
Methylene chloride
Concen: 50.092 ug/L
RT: 3.050 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

Tgt Ion: 84 Resp: 109432
Ion Ratio Lower Upper
84 100
86 63.0 44.7 83.1
49 107.1 78.4 145.6

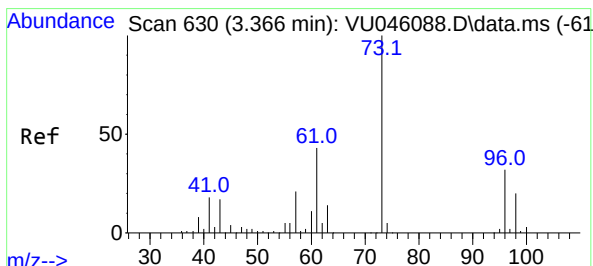
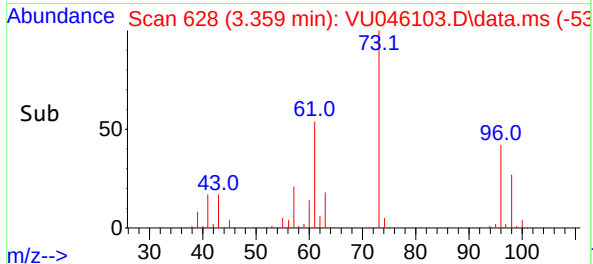
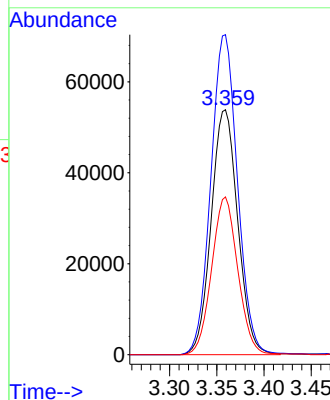
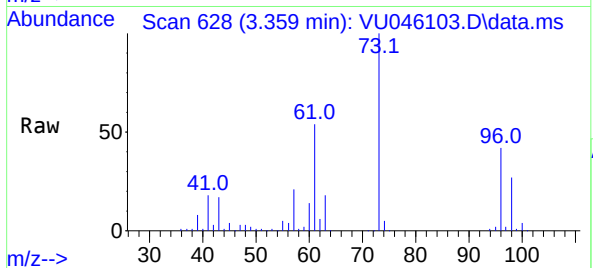




#17
trans-1,2-Dichloroethene
Concen: 54.295 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

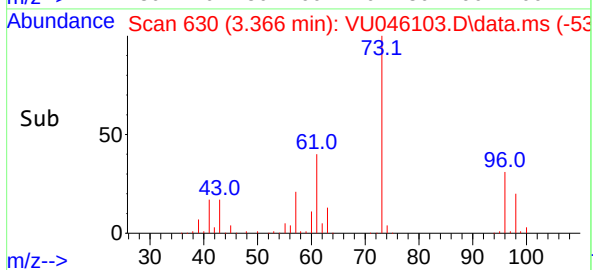
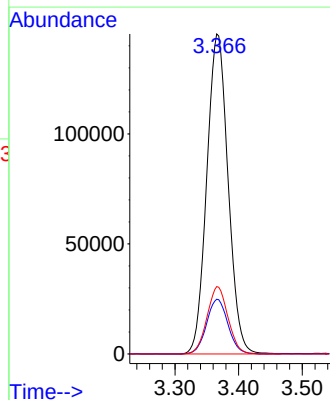
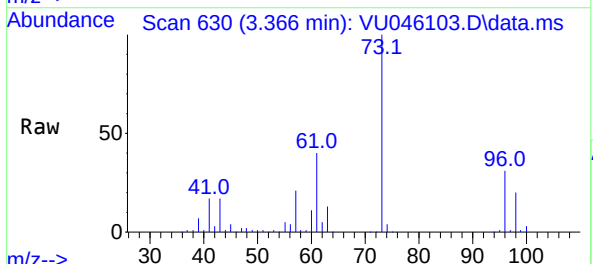
Instrument :
MSVOA_U
ClientSampleId :

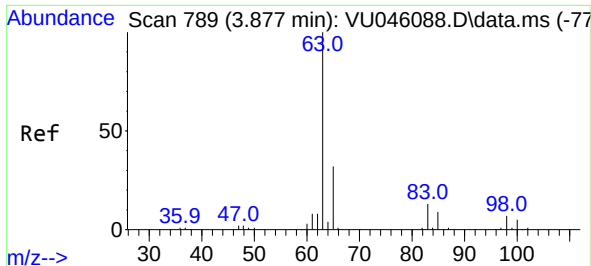
Tgt Ion: 96 Resp: 105504
Ion Ratio Lower Upper
96 100
61 130.6 94.6 175.6
98 64.4 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 56.451 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.003 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

Tgt Ion: 73 Resp: 338061
Ion Ratio Lower Upper
73 100
43 17.2 14.0 21.0
57 20.7 17.0 25.4





#19

1,1-Dichloroethane

Concen: 51.978 ug/L

RT: 3.874 min Scan# 789

Delta R.T. -0.003 min

Lab File: VU046103.D

Acq: 06 Dec 2021 11:00

Instrument :

MSVOA_U

ClientSampleId :

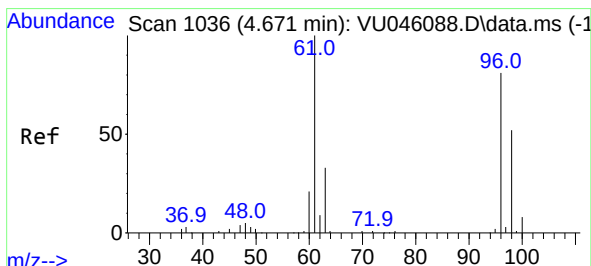
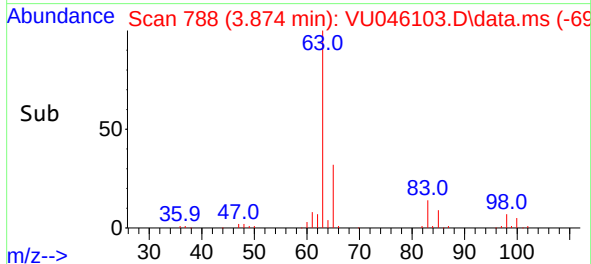
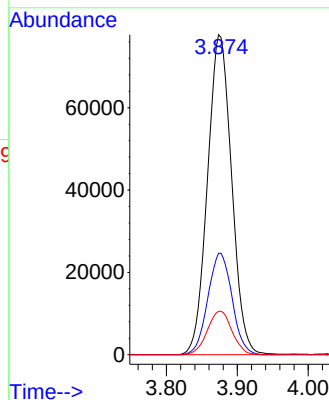
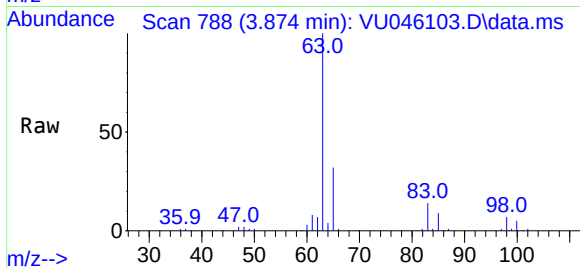
Tgt Ion: 63 Resp: 183643

Ion Ratio Lower Upper

63 100

65 31.7 22.8 42.4

83 13.6 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 54.521 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU046103.D

Acq: 06 Dec 2021 11:00

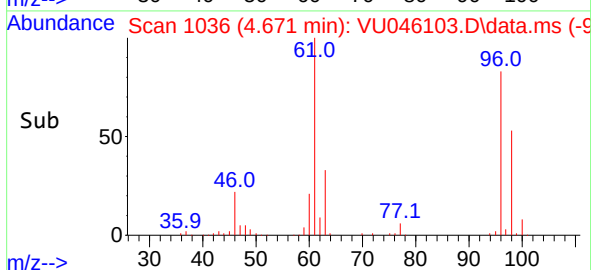
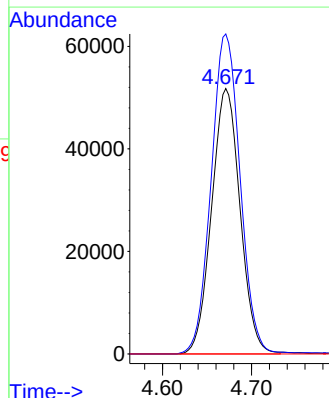
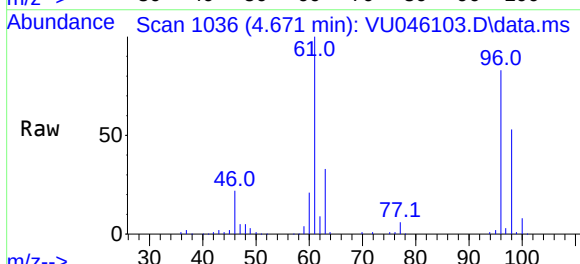
Tgt Ion: 96 Resp: 114955

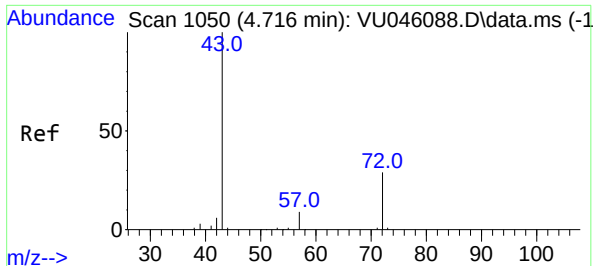
Ion Ratio Lower Upper

96 100

61 120.6 86.8 161.2

68 0.0 0.0 0.0

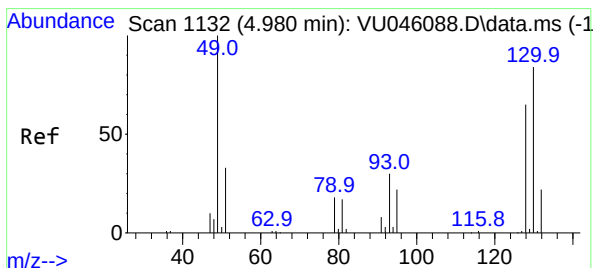
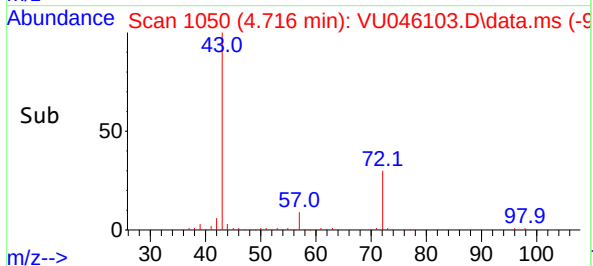
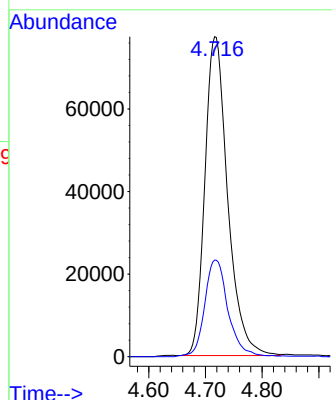
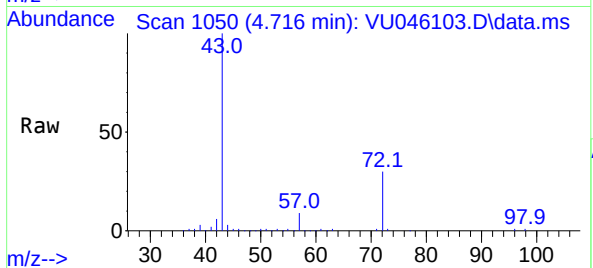




#22
2-Butanone
Concen: 91.089 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. -0.007 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

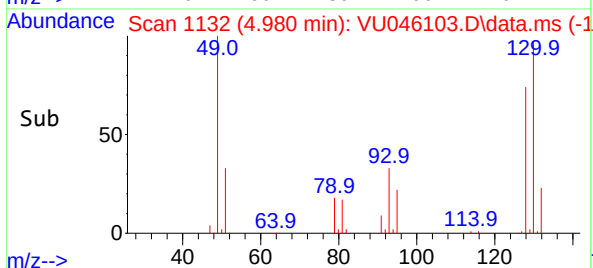
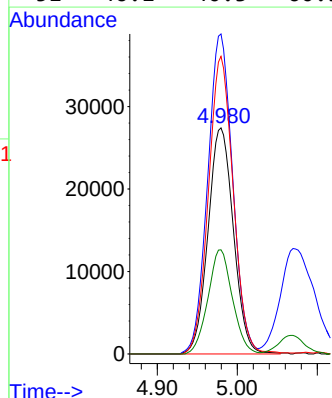
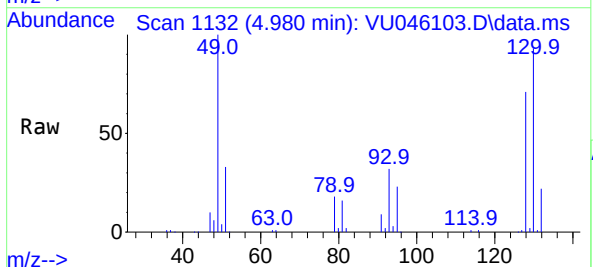
Instrument :
MSVOA_U
ClientSampleId :

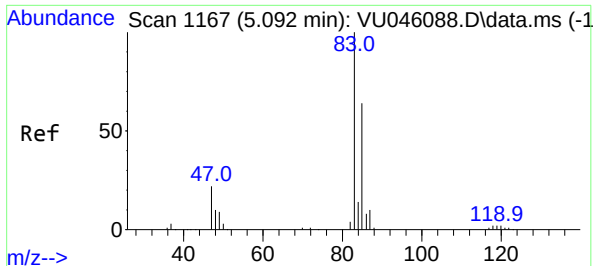
Tgt Ion: 43 Resp: 215508
Ion Ratio Lower Upper
43 100
72 31.1 14.5 43.6



#23
Bromochloromethane
Concen: 56.654 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

Tgt Ion:128 Resp: 60331
Ion Ratio Lower Upper
128 100
49 141.6 115.9 215.3
130 131.6 91.8 170.4
51 46.1 40.3 60.5





#25

Chloroform

Concen: 49.885 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU046103.D

Acq: 06 Dec 2021 11:00

Instrument :

MSVOA_U

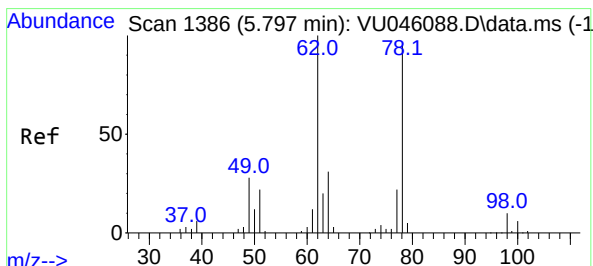
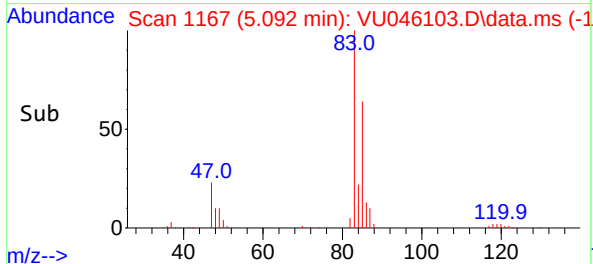
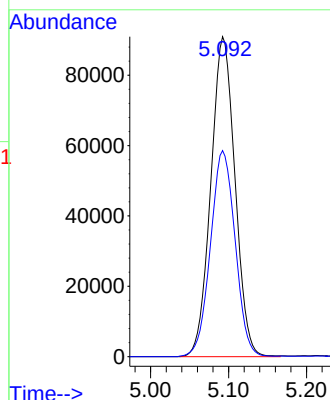
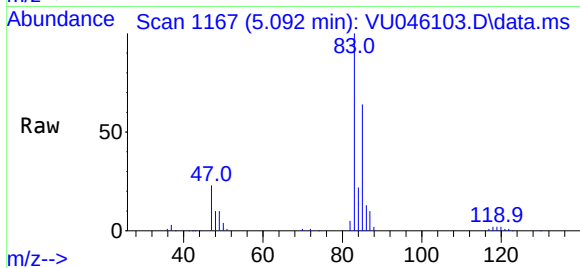
ClientSampleId :

Tgt Ion: 83 Resp: 195826

Ion Ratio Lower Upper

83 100

85 64.4 45.8 85.2



#27

1,2-Dichloroethane

Concen: 50.667 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU046103.D

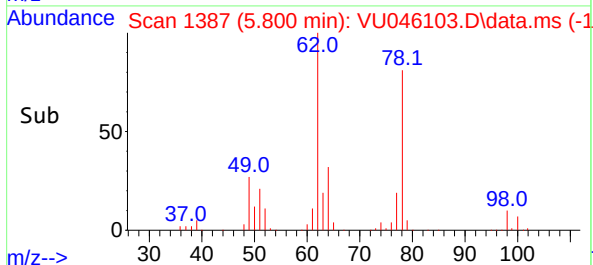
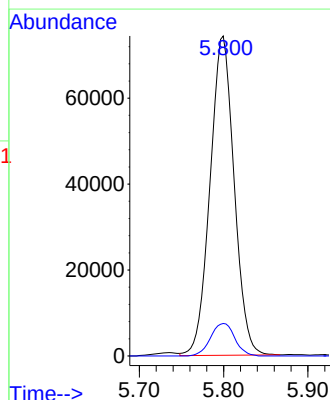
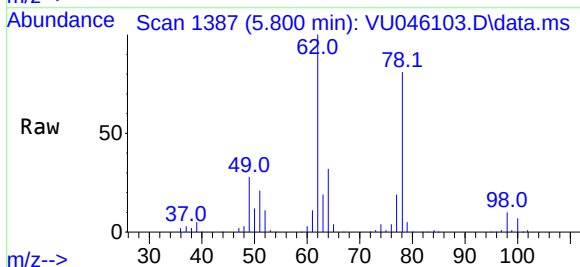
Acq: 06 Dec 2021 11:00

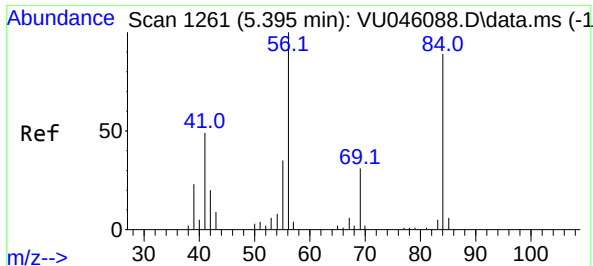
Tgt Ion: 62 Resp: 147592

Ion Ratio Lower Upper

62 100

98 10.1 7.9 11.9





#29

Cyclohexane

Concen: 55.021 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU046103.D

Acq: 06 Dec 2021 11:00

Instrument :

MSVOA_U

ClientSampleId :

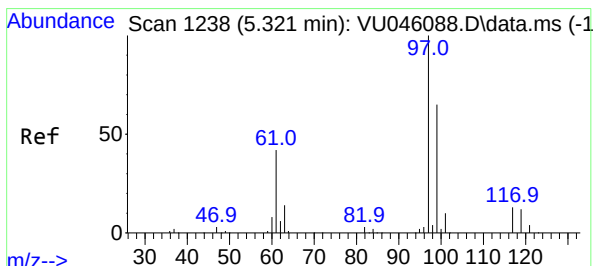
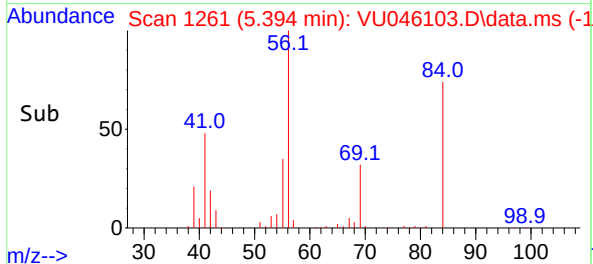
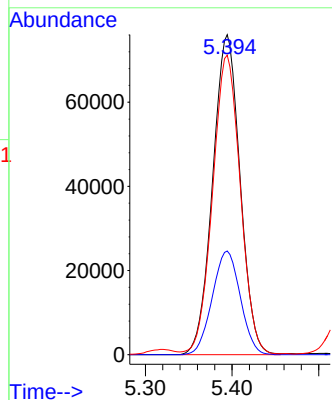
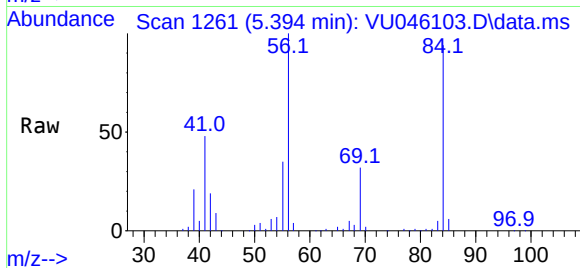
Tgt Ion: 56 Resp: 167209

Ion Ratio Lower Upper

56 100

69 33.1 25.2 37.8

84 94.1 73.3 109.9



#30

1,1,1-Trichloroethane

Concen: 54.103 ug/L

RT: 5.320 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU046103.D

Acq: 06 Dec 2021 11:00

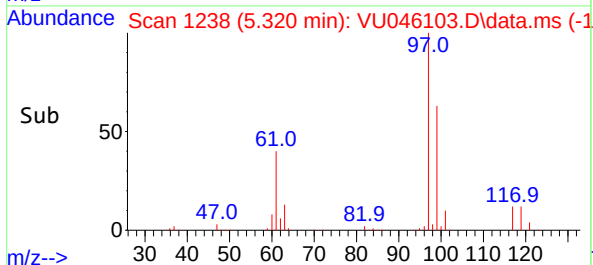
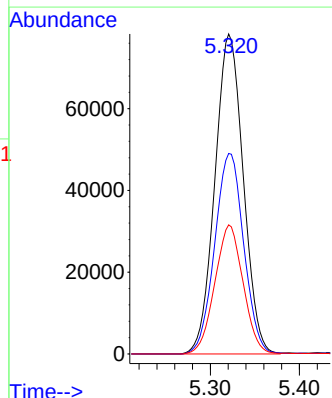
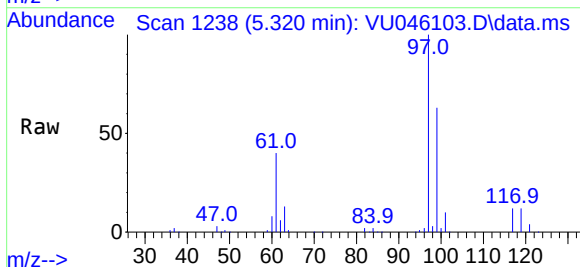
Tgt Ion: 97 Resp: 173324

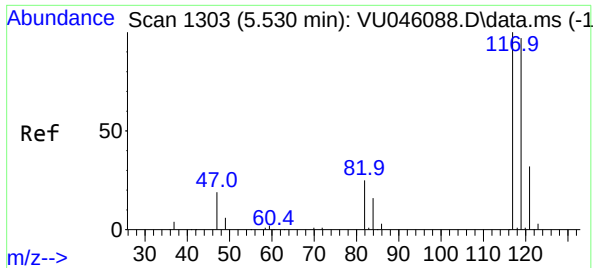
Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.6

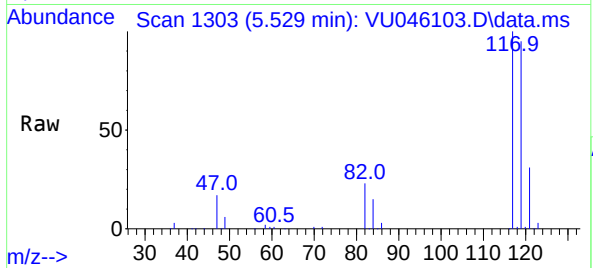
61 40.2 34.4 51.6



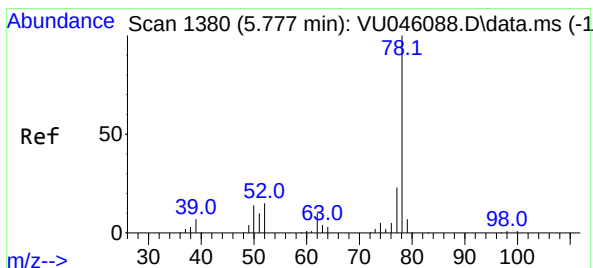
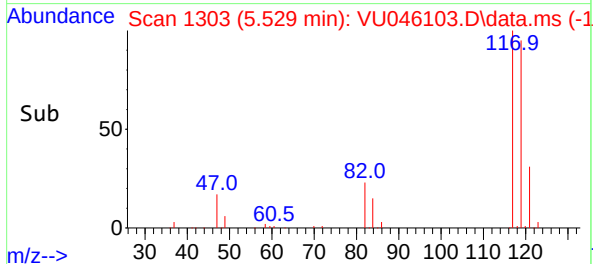
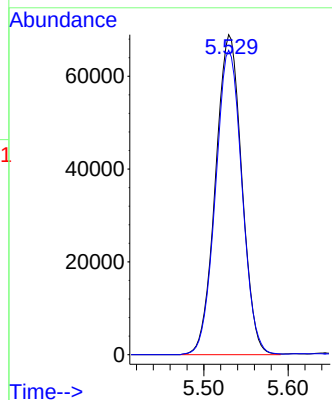


#31
Carbon tetrachloride
Concen: 54.946 ug/L
RT: 5.529 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

Instrument :
MSVOA_U
ClientSampleId :

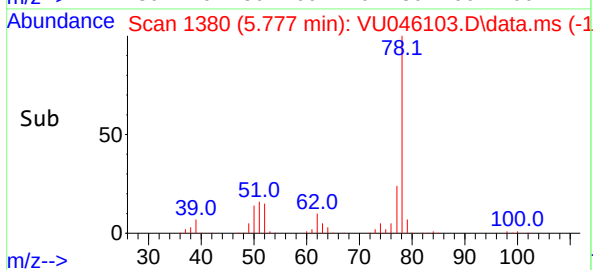
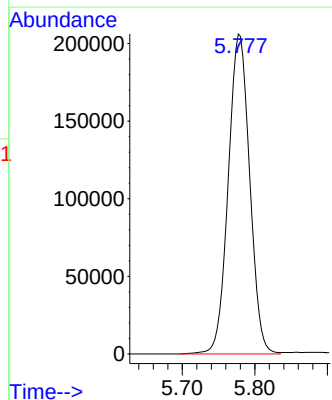
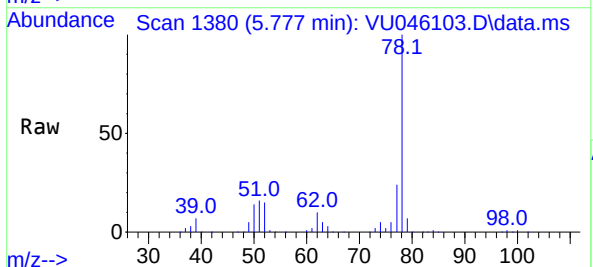


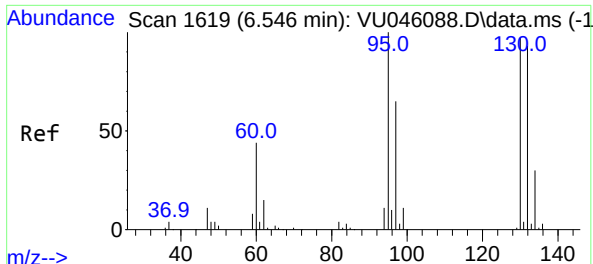
Tgt Ion:117 Resp: 149439
Ion Ratio Lower Upper
117 100
119 95.7 75.7 113.5



#33
Benzene
Concen: 53.583 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

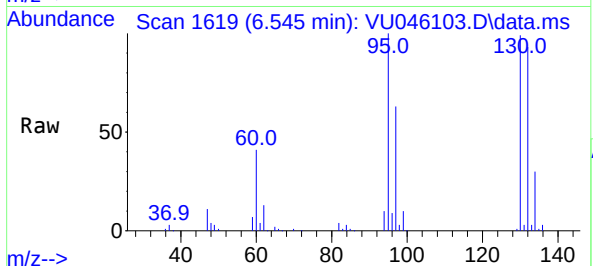
Tgt Ion: 78 Resp: 423253



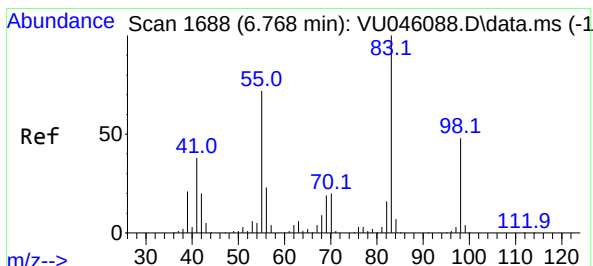
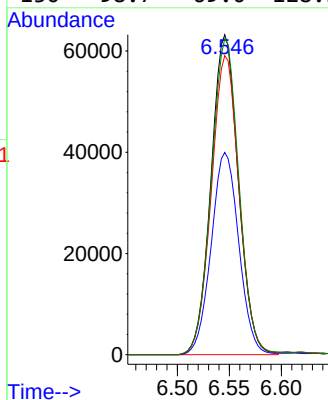
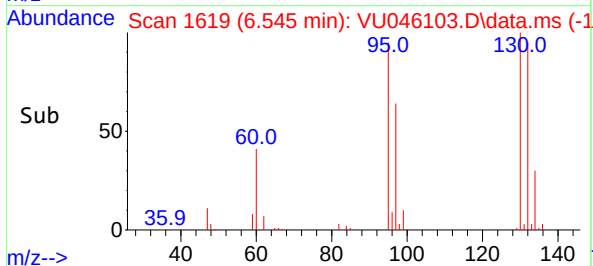


#34
Trichloroethene
Concen: 55.561 ug/L
RT: 6.545 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

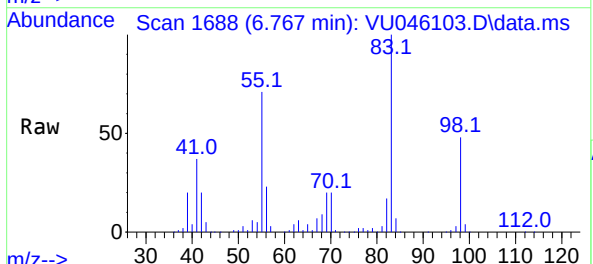
Instrument :
MSVOA_U
ClientSampleId :



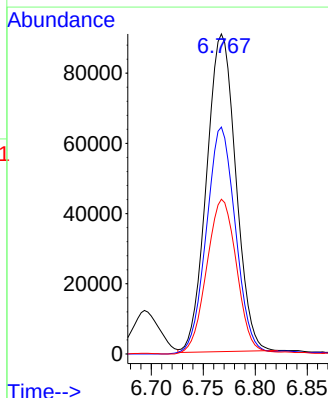
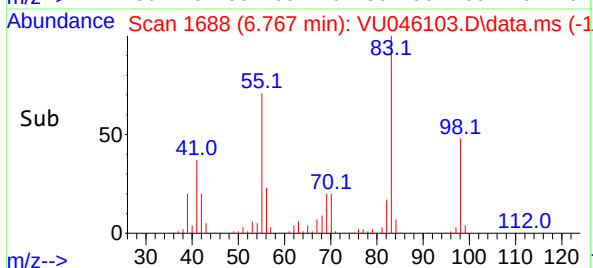
Tgt Ion: 95 Resp: 115620
Ion Ratio Lower Upper
95 100
97 63.2 44.1 81.9
132 93.5 66.8 124.0
130 98.7 69.0 128.1

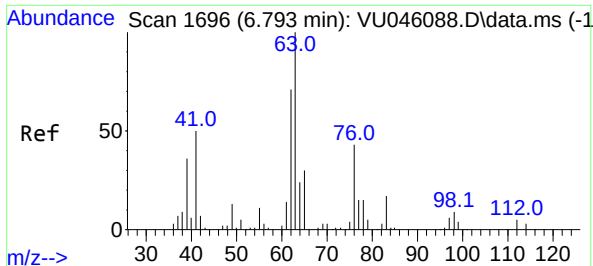


#35
Methylcyclohexane
Concen: 54.978 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00



Tgt Ion: 83 Resp: 177393
Ion Ratio Lower Upper
83 100
55 71.3 57.8 86.6
98 50.2 38.4 57.6

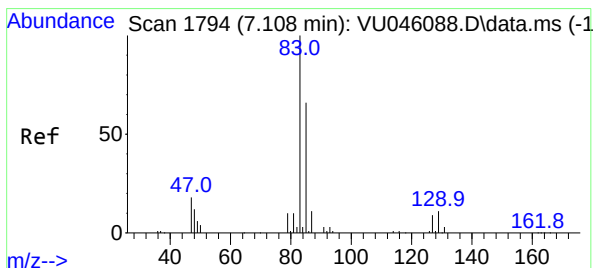
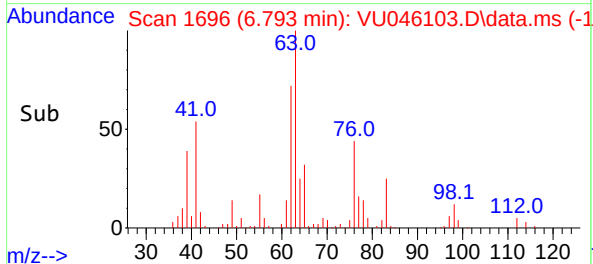
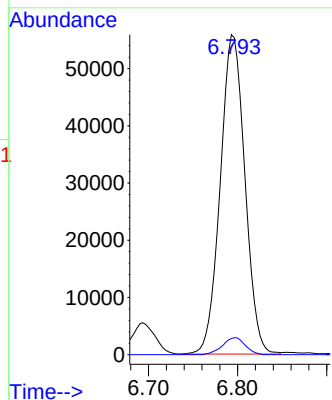
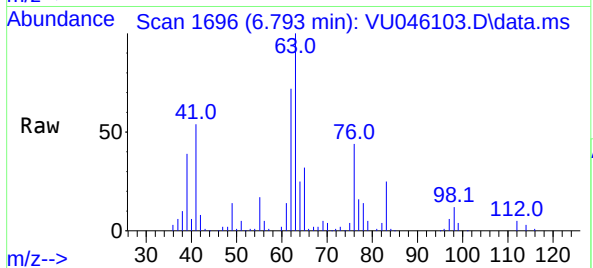




#37
1,2-Dichloropropane
Concen: 51.808 ug/L
RT: 6.793 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

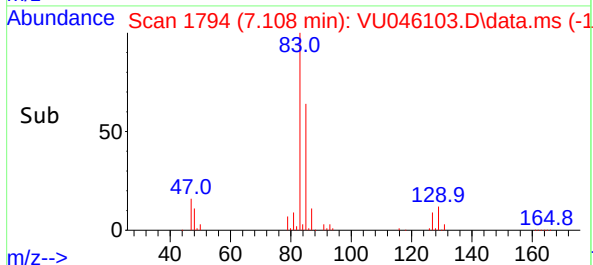
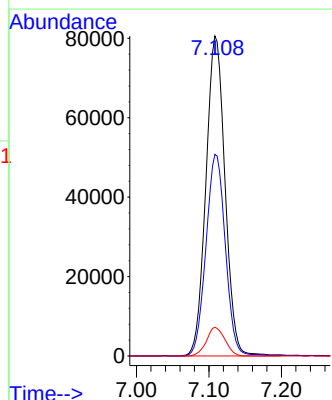
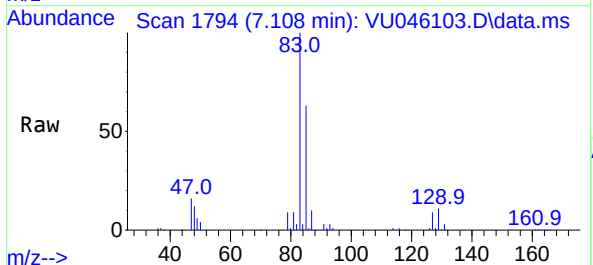
Instrument :
MSVOA_U
ClientSampleId :

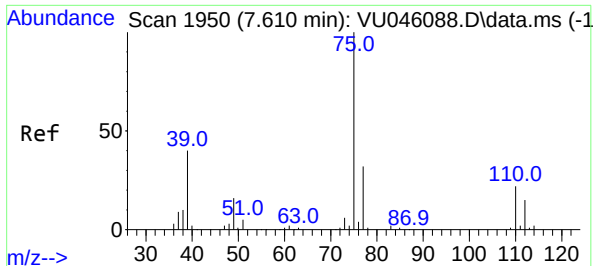
Tgt Ion: 63 Resp: 107202
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.6



#38
Bromodichloromethane
Concen: 53.632 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

Tgt Ion: 83 Resp: 147506
Ion Ratio Lower Upper
83 100
85 63.0 44.4 82.5
127 8.9 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 56.226 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU046103.D

Acq: 06 Dec 2021 11:00

Instrument :

MSVOA_U

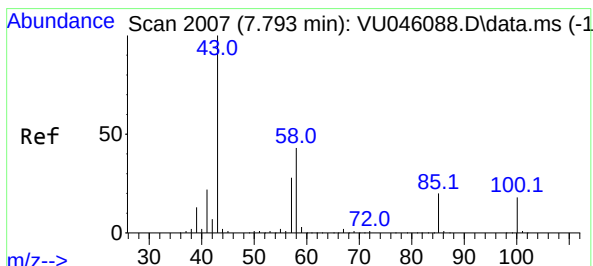
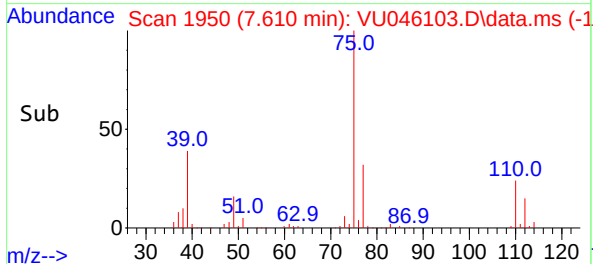
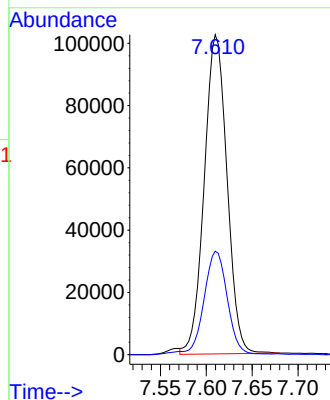
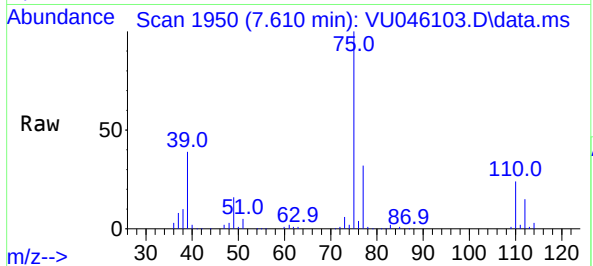
ClientSampleId :

Tgt Ion: 75 Resp: 176994

Ion Ratio Lower Upper

75 100

77 32.4 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 105.704 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU046103.D

Acq: 06 Dec 2021 11:00

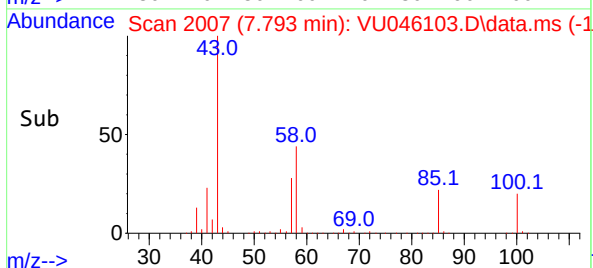
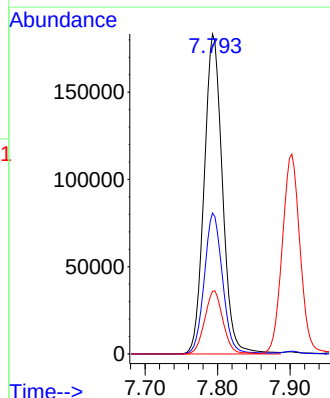
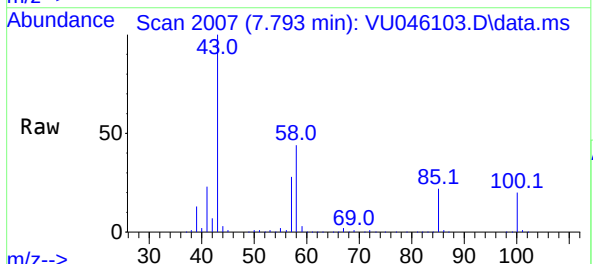
Tgt Ion: 43 Resp: 321358

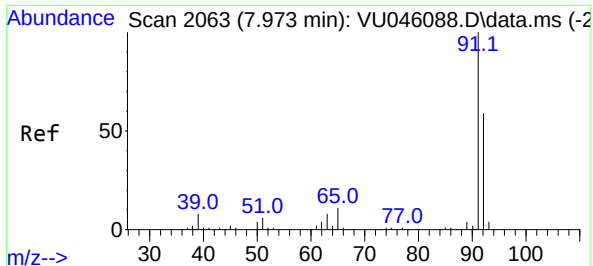
Ion Ratio Lower Upper

43 100

58 44.0 34.2 51.4

100 19.7 14.5 21.7

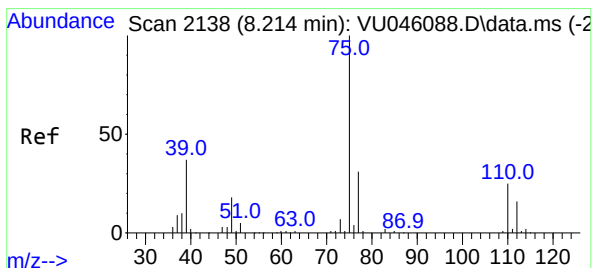
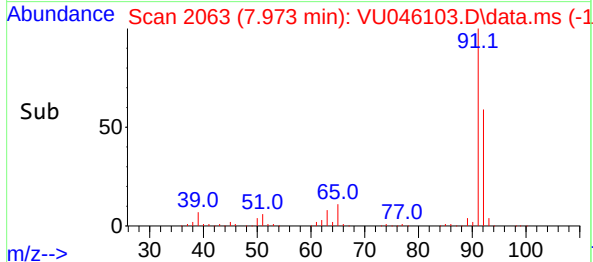
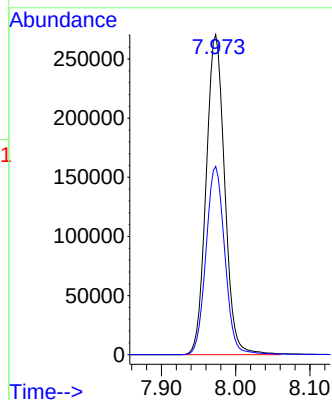
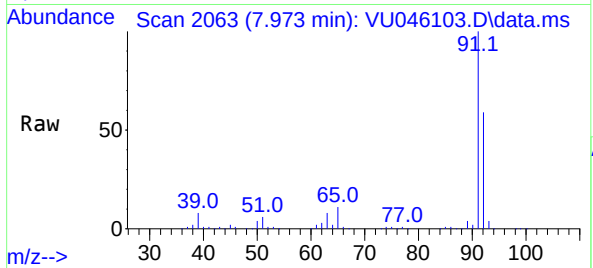




#42
Toluene
Concen: 55.353 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

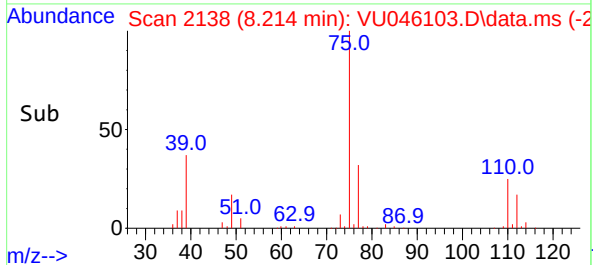
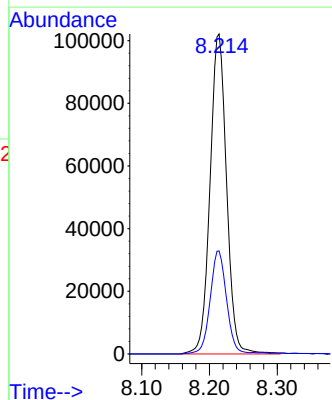
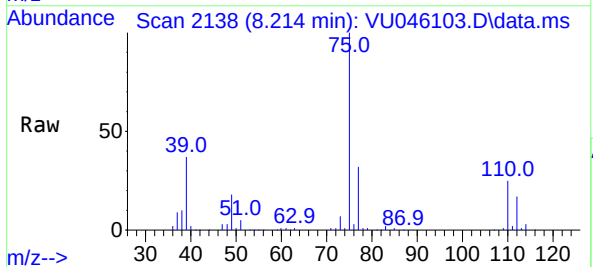
Instrument :
MSVOA_U
ClientSampleId :

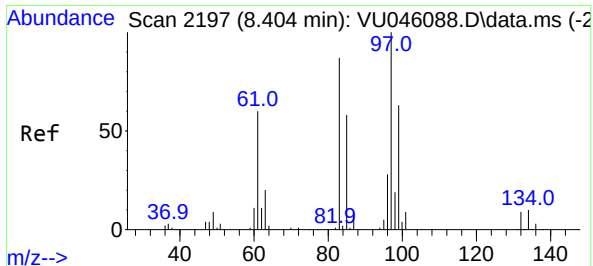
Tgt Ion: 91 Resp: 469164
Ion Ratio Lower Upper
91 100
92 58.8 41.9 77.7



#44
trans-1,3-Dichloropropene
Concen: 56.103 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

Tgt Ion: 75 Resp: 173455
Ion Ratio Lower Upper
75 100
77 32.2 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 53.376 ug/L

RT: 8.404 min Scan# 2197

Delta R.T. -0.000 min

Lab File: VU046103.D

Acq: 06 Dec 2021 11:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 110807

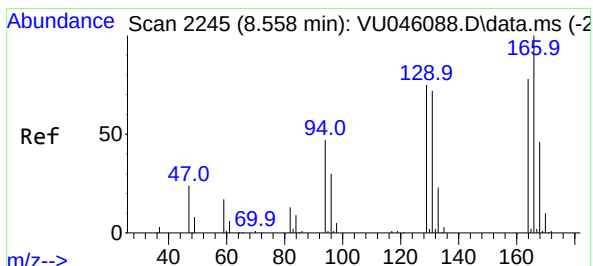
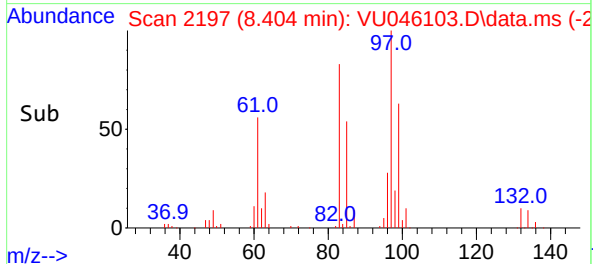
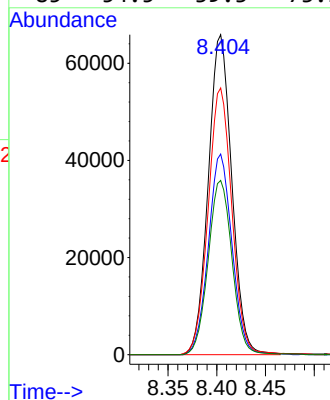
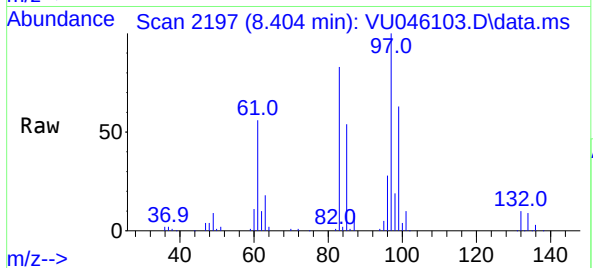
Ion Ratio Lower Upper

97 100

99 62.7 44.7 82.9

83 83.4 60.2 111.8

85 54.5 39.3 73.1



#46

Tetrachloroethene

Concen: 58.634 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU046103.D

Acq: 06 Dec 2021 11:00

Tgt Ion:164 Resp: 89666

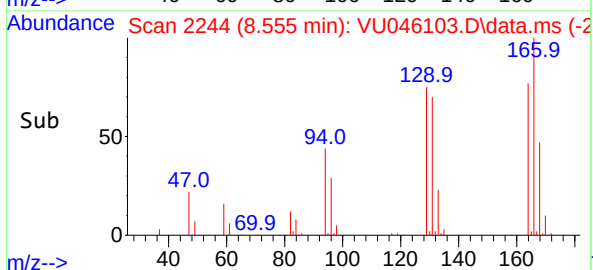
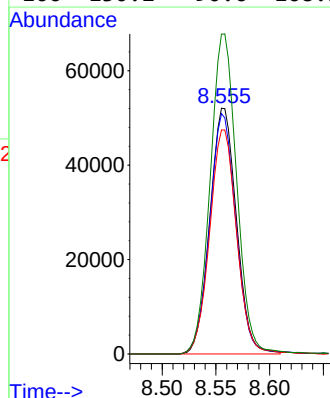
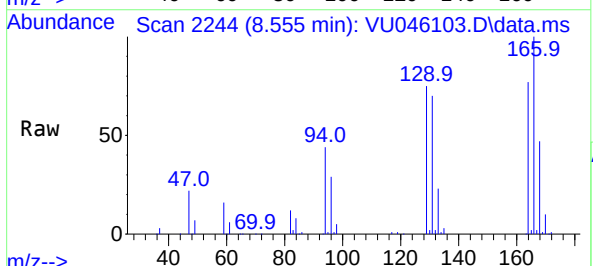
Ion Ratio Lower Upper

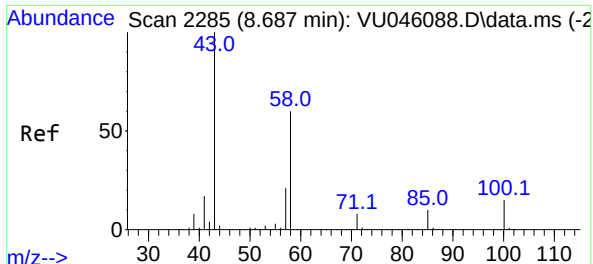
164 100

129 97.8 71.1 132.1

131 91.1 67.8 126.0

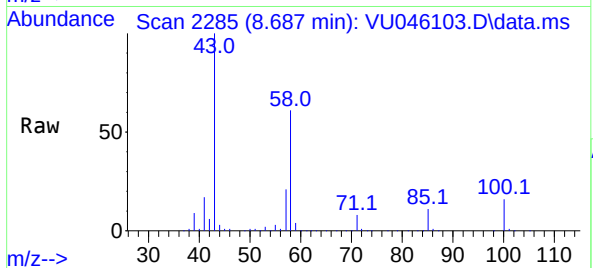
166 130.2 90.6 168.2



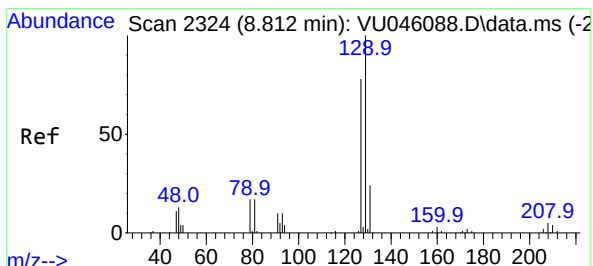
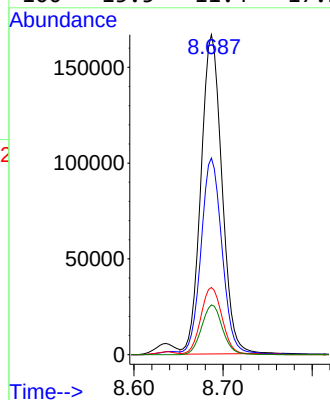
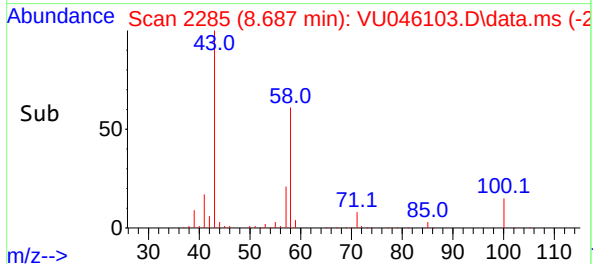


#48
2-Hexanone
Concen: 100.233 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

Instrument :
MSVOA_U
ClientSampleId :

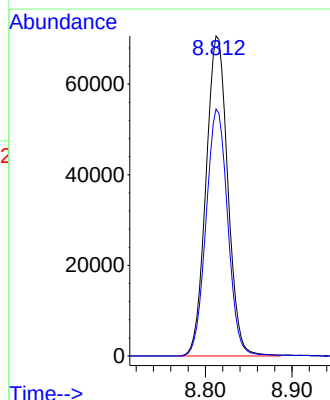
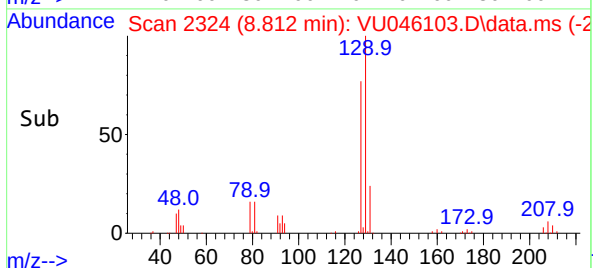
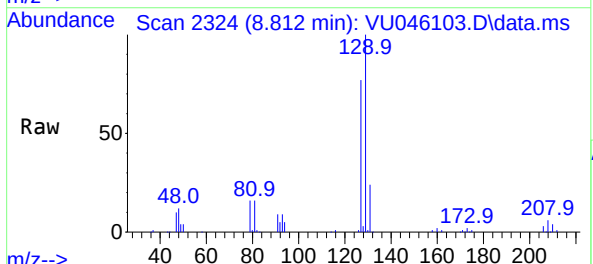


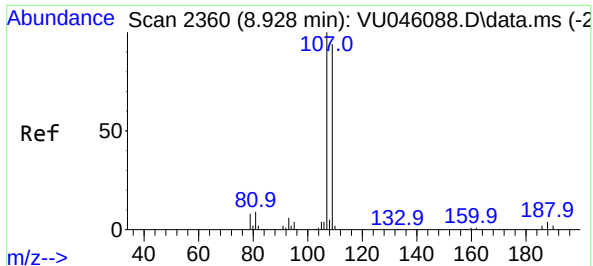
Tgt Ion: 43 Resp: 272525
Ion Ratio Lower Upper
43 100
58 61.8 47.4 71.2
57 21.4 16.6 25.0
100 15.5 11.4 17.2



#49
Dibromochloromethane
Concen: 56.599 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

Tgt Ion: 129 Resp: 123386
Ion Ratio Lower Upper
129 100
127 77.2 55.6 103.4





#50

1,2-Dibromoethane

Concen: 54.861 ug/L

RT: 8.928 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU046103.D

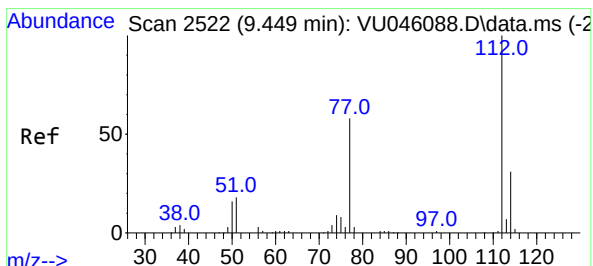
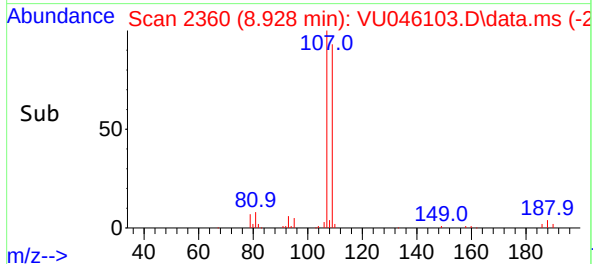
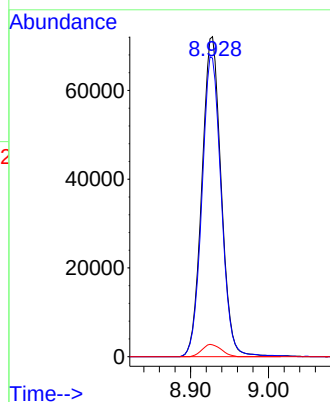
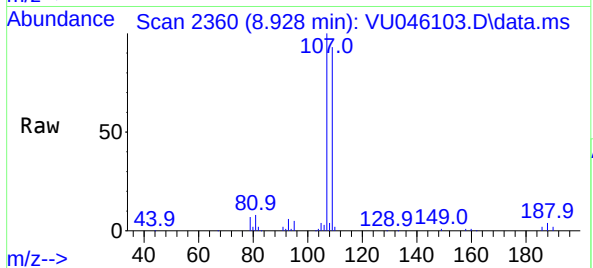
Acq: 06 Dec 2021 11:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	123475
Ion Ratio	Lower	Upper
107	100	
109	93.3	64.9 120.5
188	3.7	2.6 3.8



#51

Chlorobenzene

Concen: 55.973 ug/L

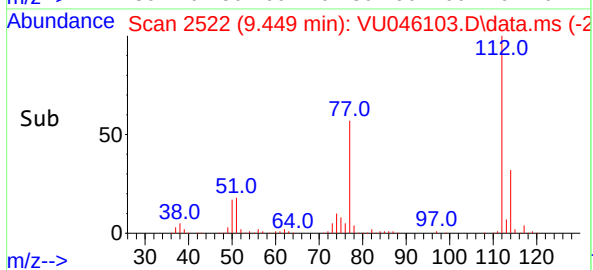
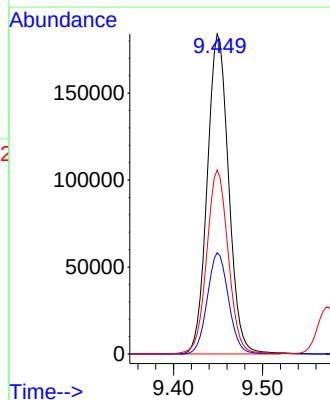
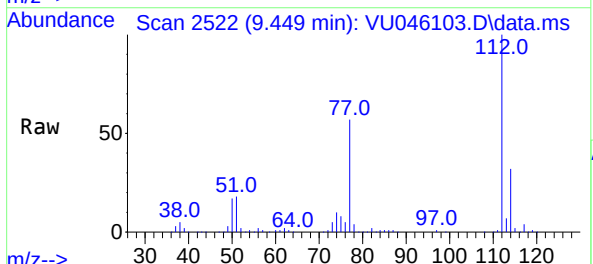
RT: 9.449 min Scan# 2522

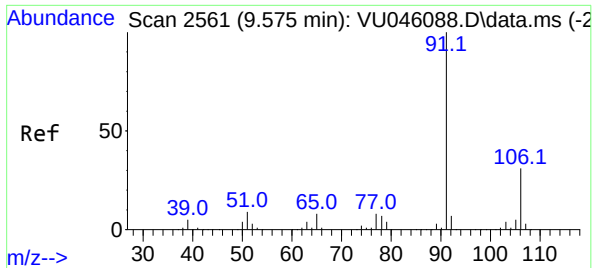
Delta R.T. -0.000 min

Lab File: VU046103.D

Acq: 06 Dec 2021 11:00

Tgt Ion:112	Resp:	306929
Ion Ratio	Lower	Upper
112	100	
114	31.7	22.2 41.2
77	57.5	47.4 71.0

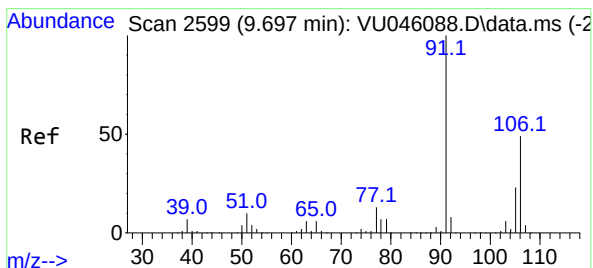
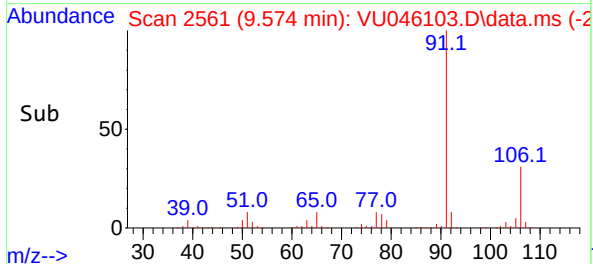
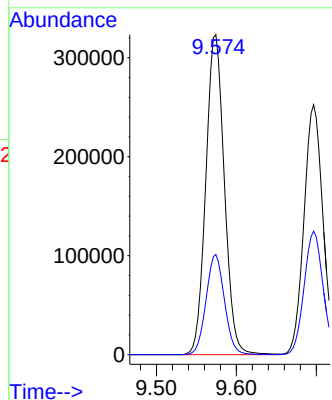
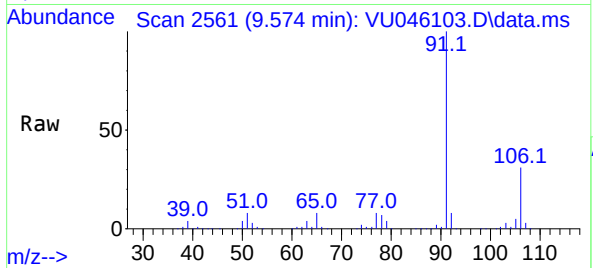




#52
Ethylbenzene
Concen: 57.268 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

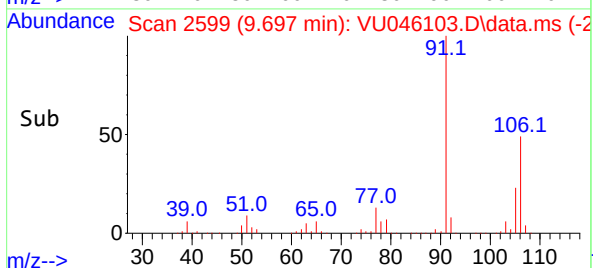
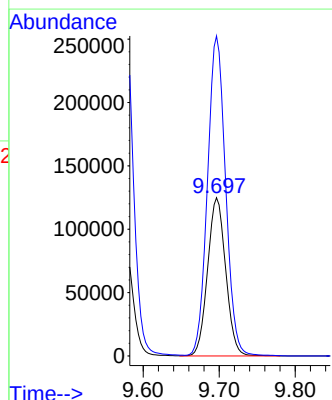
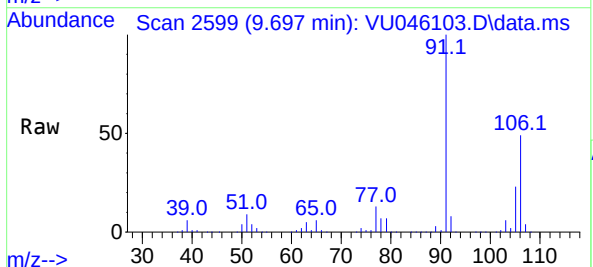
Instrument :
MSVOA_U
ClientSampleId :

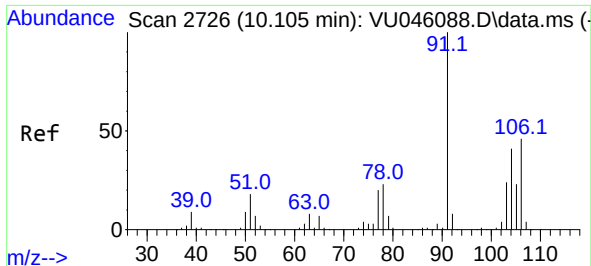
Tgt Ion: 91 Resp: 522395
Ion Ratio Lower Upper
91 100
106 31.3 21.1 39.3



#53
m,p-Xylene
Concen: 57.984 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

Tgt Ion: 106 Resp: 206273
Ion Ratio Lower Upper
106 100
91 202.3 144.3 268.1

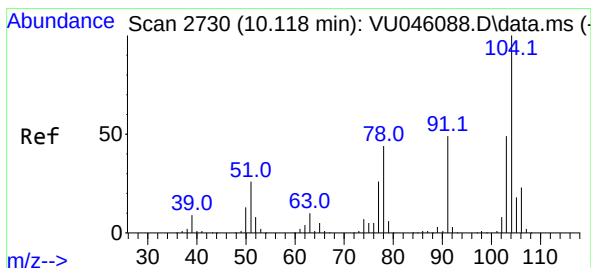
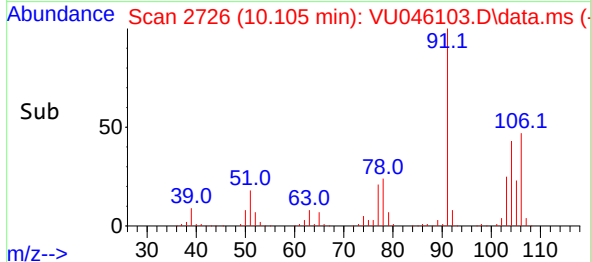
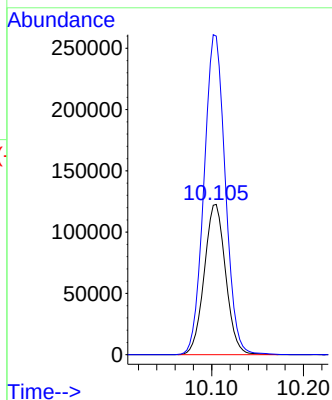
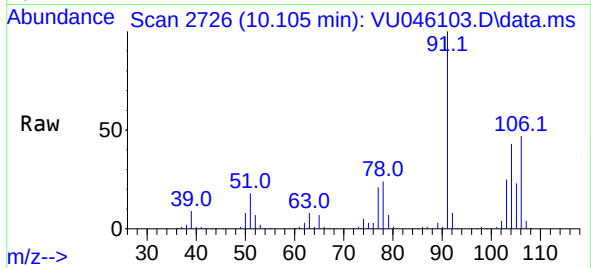




#54
o-xylene
Concen: 57.628 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

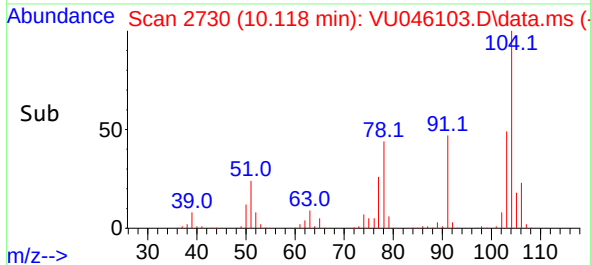
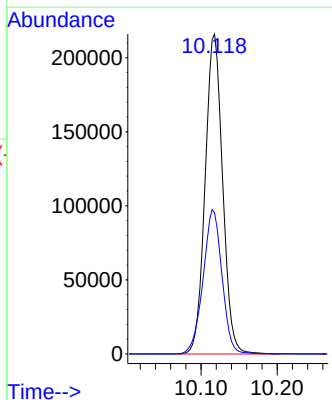
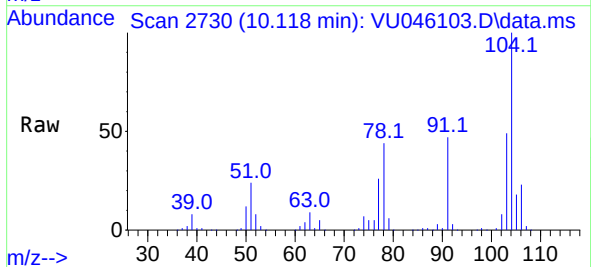
Instrument :
MSVOA_U
ClientSampleId :

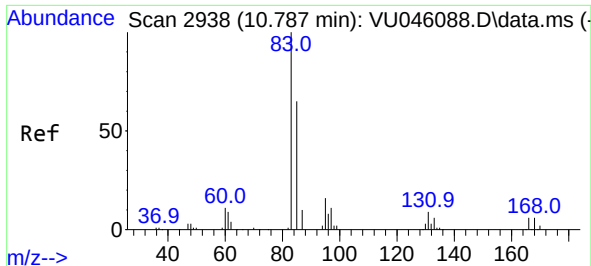
Tgt Ion:106 Resp: 198922
Ion Ratio Lower Upper
106 100
91 212.0 154.2 286.4



#55
Styrene
Concen: 58.616 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

Tgt Ion:104 Resp: 345444
Ion Ratio Lower Upper
104 100
78 44.1 32.6 60.5

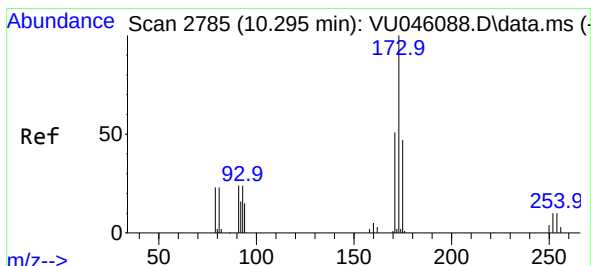
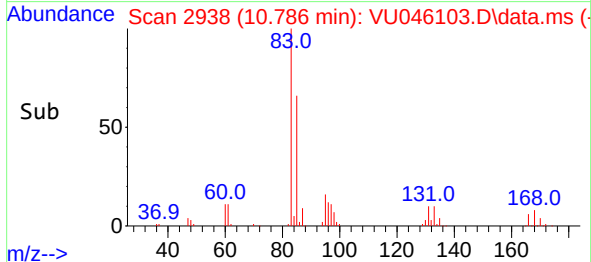
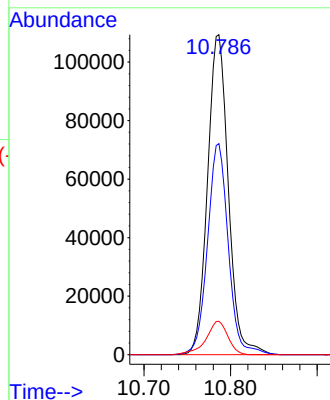
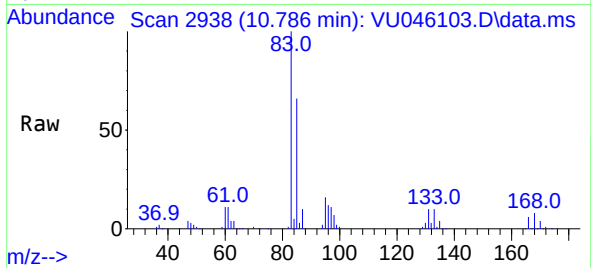




#57
1,1,2,2-Tetrachloroethane
Concen: 51.277 ug/L
RT: 10.786 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

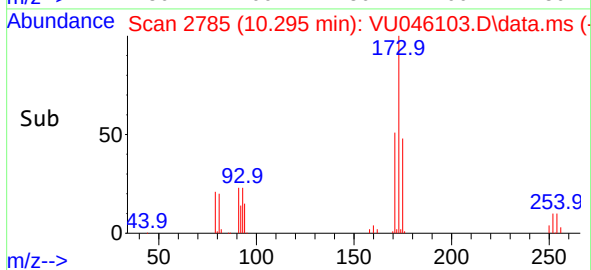
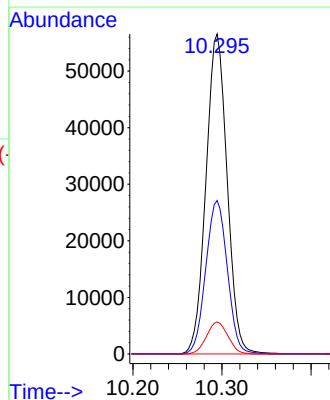
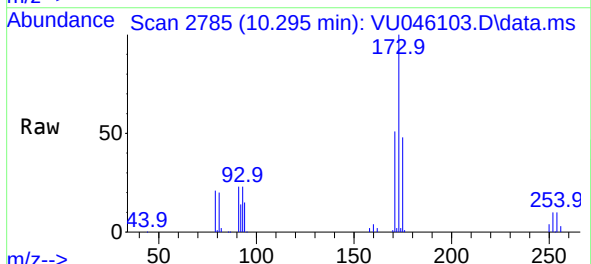
Instrument :
MSVOA_U
ClientSampleId :

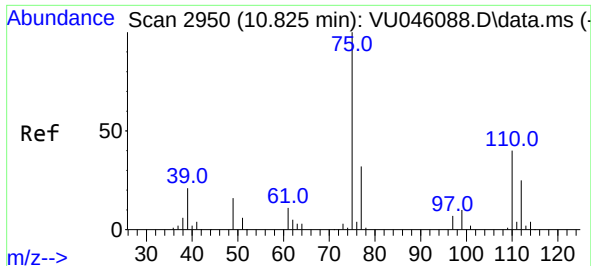
Tgt Ion: 83 Resp: 182499
Ion Ratio Lower Upper
83 100
85 66.0 45.6 84.6
131 10.5 7.8 11.6



#59
Bromoform
Concen: 56.594 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

Tgt Ion:173 Resp: 93218
Ion Ratio Lower Upper
173 100
175 48.8 39.2 58.8
254 10.1 7.4 11.2

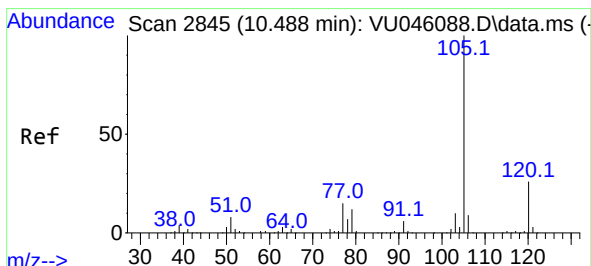
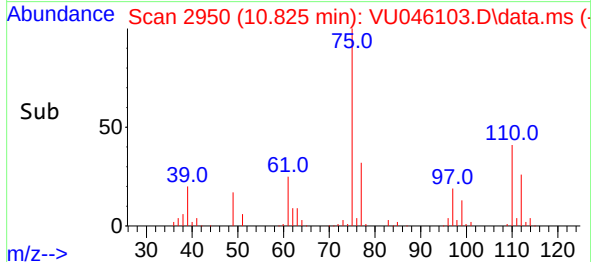
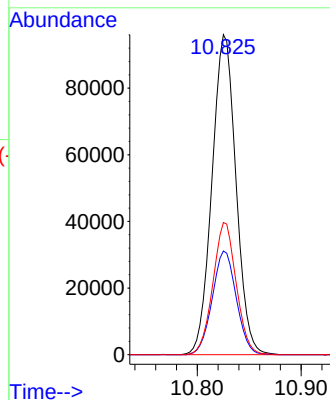
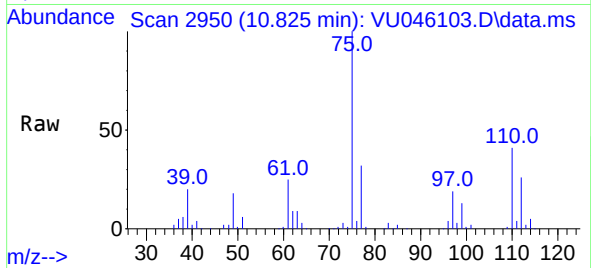




#60
1,2,3-Trichloropropane
Concen: 50.048 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

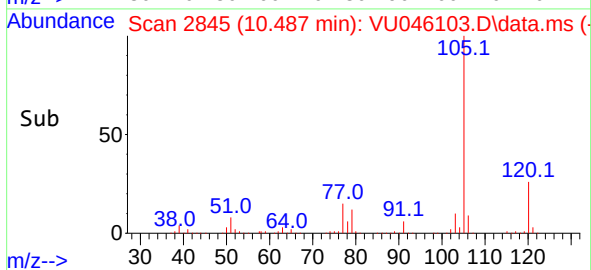
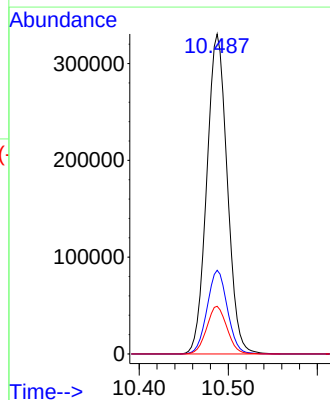
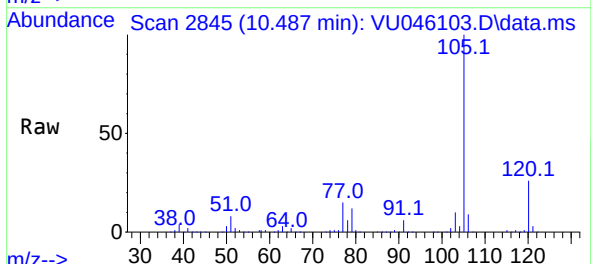
Instrument :
MSVOA_U
ClientSampleId :

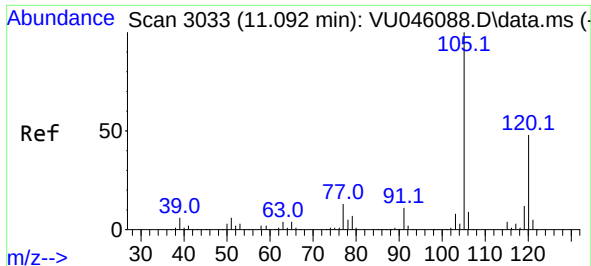
Tgt Ion: 75 Resp: 154042
Ion Ratio Lower Upper
75 100
77 32.5 26.4 39.6
110 40.1 32.4 48.6



#61
Isopropylbenzene
Concen: 57.611 ug/L
RT: 10.487 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

Tgt Ion: 105 Resp: 526310
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 14.8 12.2 18.4





#62

1,3,5-Trimethylbenzene

Concen: 59.555 ug/L

RT: 11.092 min Scan# 3033

Delta R.T. -0.000 min

Lab File: VU046103.D

Acq: 06 Dec 2021 11:00

Instrument :

MSVOA_U

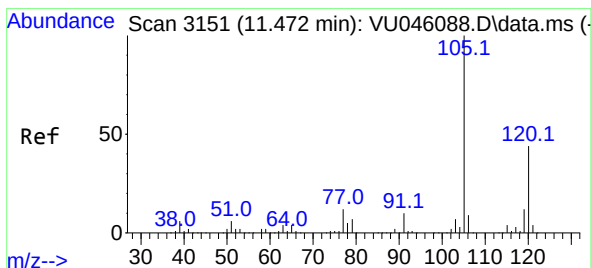
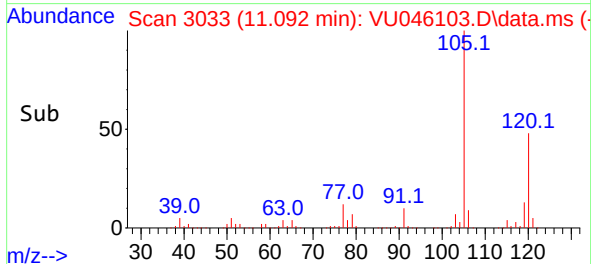
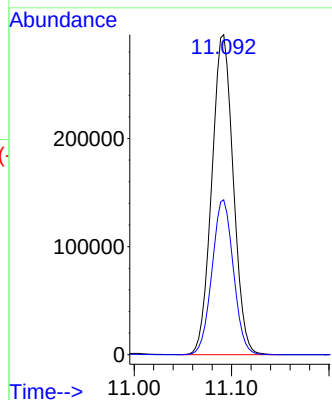
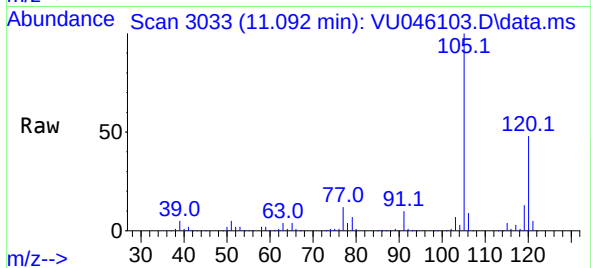
ClientSampleId :

Tgt Ion:105 Resp: 453486

Ion Ratio Lower Upper

105 100

120 48.1 37.8 56.6



#63

1,2,4-Trimethylbenzene

Concen: 59.812 ug/L

RT: 11.471 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VU046103.D

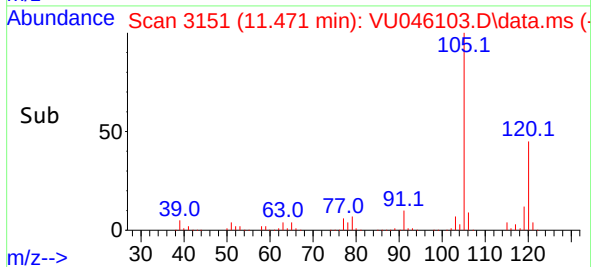
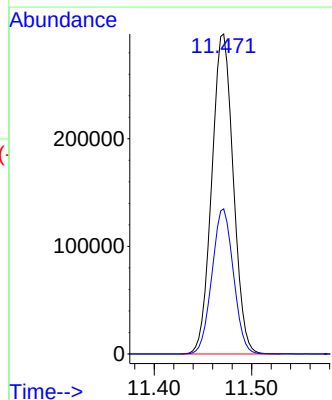
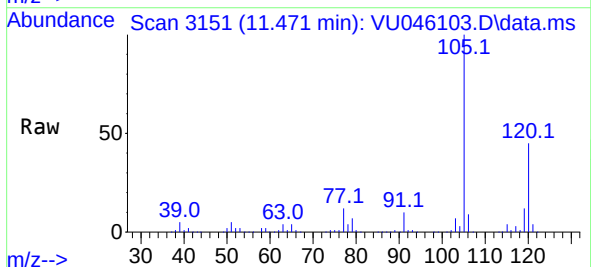
Acq: 06 Dec 2021 11:00

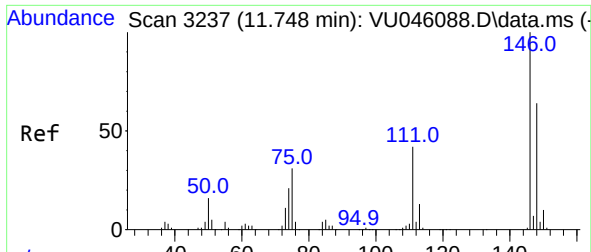
Tgt Ion:105 Resp: 455663

Ion Ratio Lower Upper

105 100

120 45.3 35.2 52.8

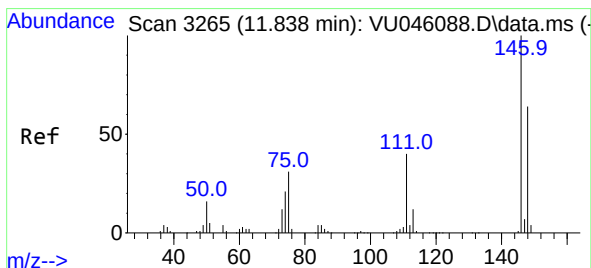
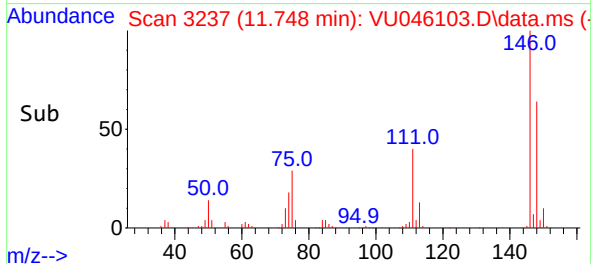
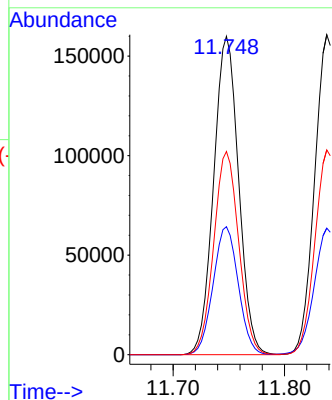
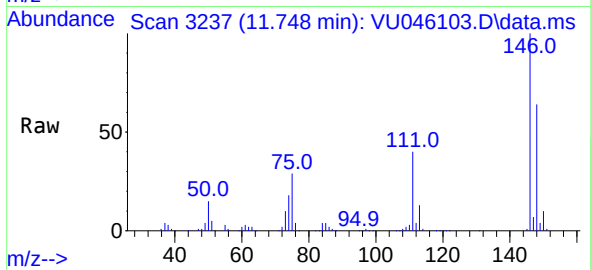




#64
1,3-Dichlorobenzene
Concen: 57.388 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

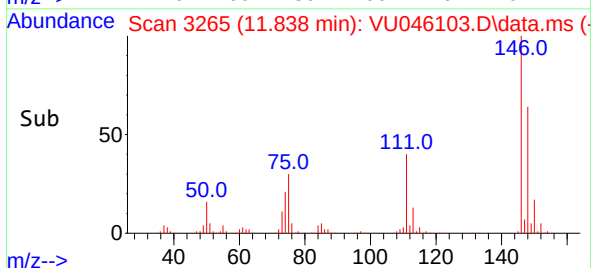
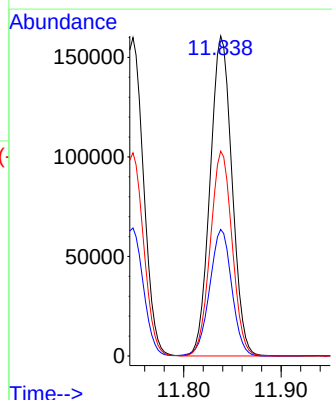
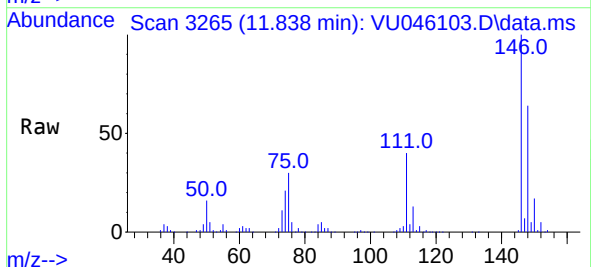
Instrument :
MSVOA_U
ClientSampleId :

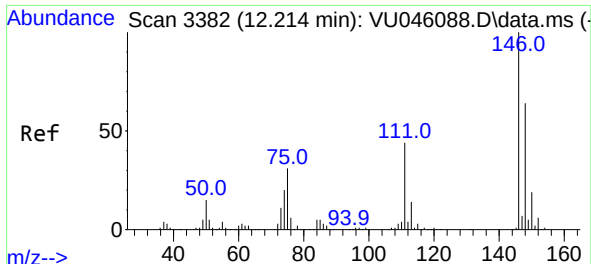
Tgt Ion:146 Resp: 249032
Ion Ratio Lower Upper
146 100
111 40.2 29.5 54.9
148 63.8 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 56.029 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

Tgt Ion:146 Resp: 251280
Ion Ratio Lower Upper
146 100
111 39.6 28.3 52.7
148 64.0 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 55.173 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU046103.D

Acq: 06 Dec 2021 11:00

Instrument :

MSVOA_U

ClientSampleId :

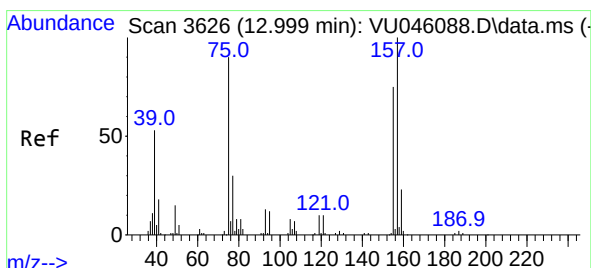
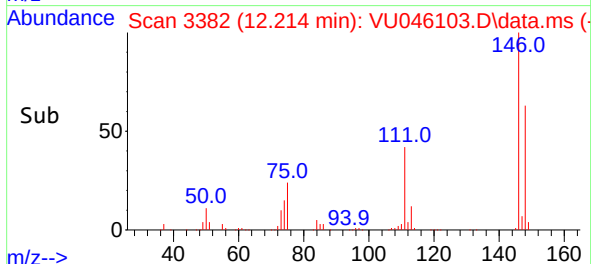
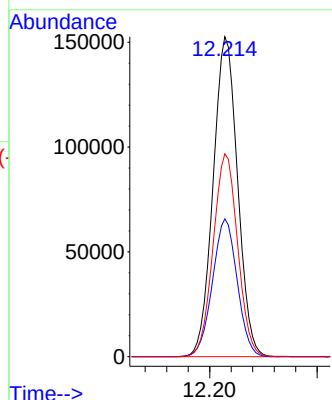
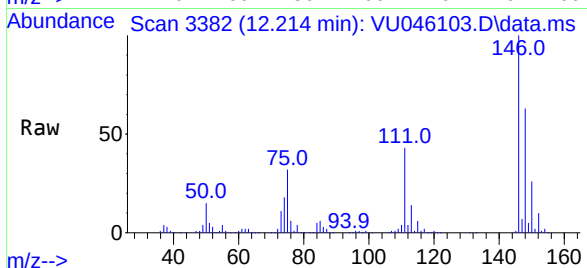
Tgt Ion:146 Resp: 241107

Ion Ratio Lower Upper

146 100

111 43.1 35.7 53.5

148 63.4 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 55.438 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU046103.D

Acq: 06 Dec 2021 11:00

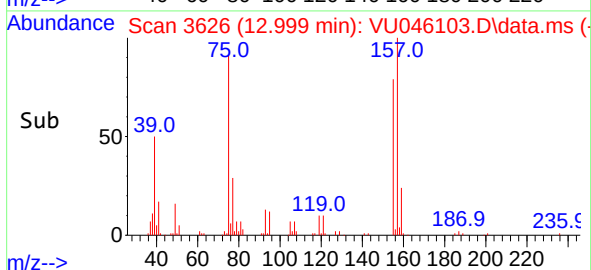
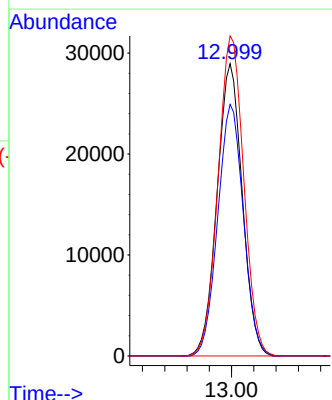
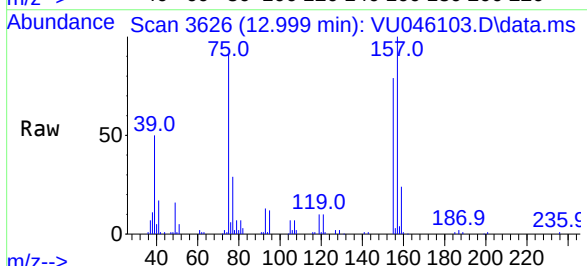
Tgt Ion: 75 Resp: 45456

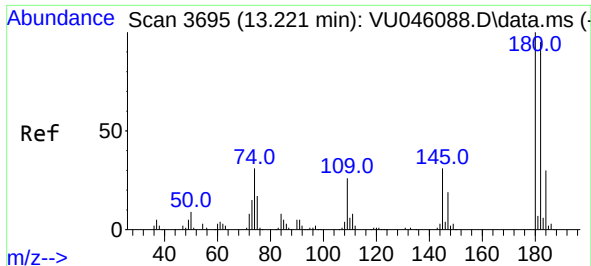
Ion Ratio Lower Upper

75 100

155 86.0 64.9 97.3

157 109.4 81.9 122.9





#69

1,3,5-Trichlorobenzene

Concen: 59.214 ug/L

RT: 13.220 min Scan# 3695

Delta R.T. -0.000 min

Lab File: VU046103.D

Acq: 06 Dec 2021 11:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 187230

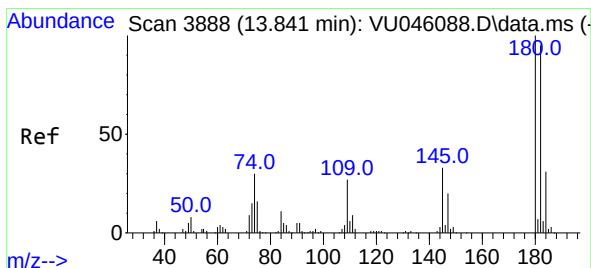
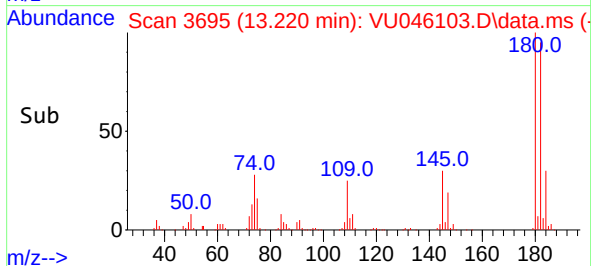
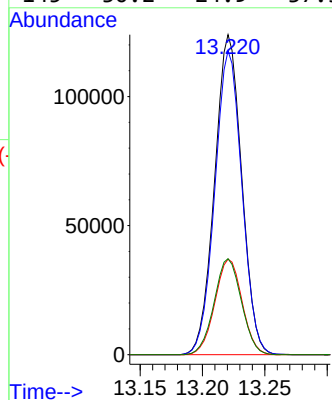
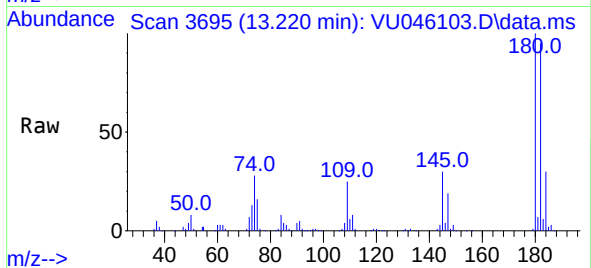
Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

184 30.0 24.2 36.4

145 30.2 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 61.644 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU046103.D

Acq: 06 Dec 2021 11:00

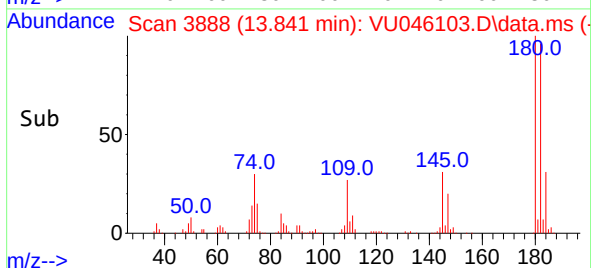
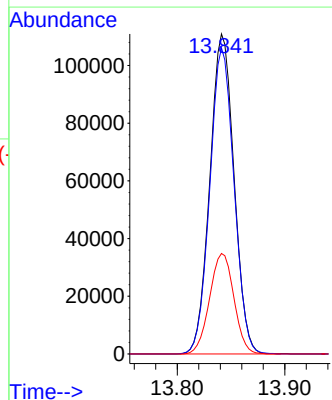
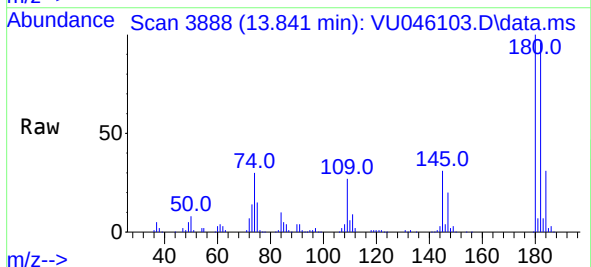
Tgt Ion:180 Resp: 172964

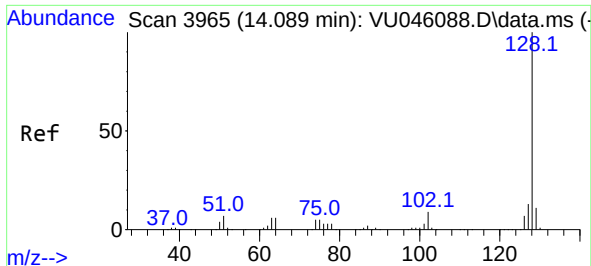
Ion Ratio Lower Upper

180 100

182 95.7 76.7 115.1

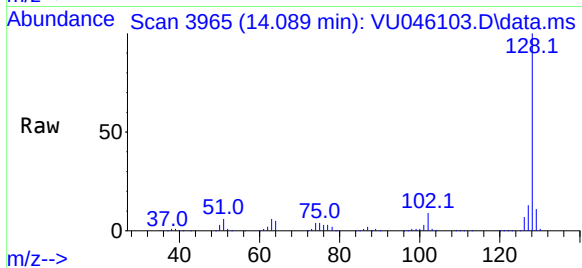
145 31.6 26.0 39.0



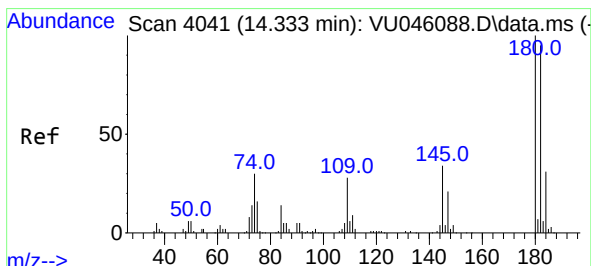
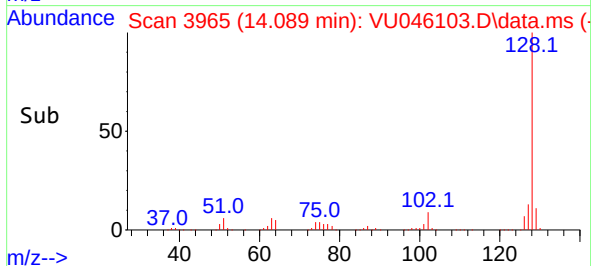
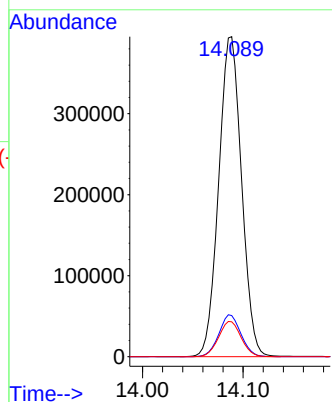


#71
Naphthalene
Concen: 63.837 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 623293
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: 60.862 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU046103.D
Acq: 06 Dec 2021 11:00

Tgt Ion:180 Resp: 174141
Ion Ratio Lower Upper
180 100
182 95.5 76.0 114.0
145 32.8 27.3 40.9

